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ARCHITECTURE / PLANNING / INTERIORS

ADDENDUM NO. 1

June 29, 2023

This Addendum applicable to work designated herein shall be understood to be and is an Addendum and as such shall be part of and included in the Contract.

To all bidders for furnishing all labor and materials necessary for:

DPW Project No. 21-725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
St. Anthony, Idaho 83445

Failure to acknowledge receipt of this Addendum on the bid proposal form may result in rejection of your bid.

GENERAL ITEMS

1. **REPLACE** previously issued drawings **WITH ATTACHED** drawings with State of Idaho Division of Building Safety (DBS) approval stamp (PA# BLD2302-00010). Noted as Revision 1a, dated June 1, 2023. Response to DBS review comments noted a Revision 1, dated May 17, 2023
2. Pre-Bid Conference Agenda is attached.
3. Asbestos surveys prepared by The L&R Group, Project No. 211727T for; Centennial Cottage, Targhee Cottage and the Residence Building.
4. Geotechnical Investigation prepared by ATLAS. Atlas No. E222593g, dated January 10, 2023
5. COM PRN BLD2302-00010 - Commercial Plan Review Notes are attached.

SPECIFICATIONS

1. Section 012100 "Allowances", replace section in Project Manual with attached specification section 012100 "Allowances."
    a. Landscape allowance to be used for the repair or replacement of the lawn sprinkler system that is disrupted by new construction. All other landscaping shall be include in the Bid Amount.
2. Section 064116 "Plastic Laminated Clad Architectural Cabinets", paragraph 1.5. delete entirety, AWI's Quality Certification Program is not required.
3. Section 042200 "Concrete Unit Masonry" paragraph 2.2.B; exposed units to mean only CMU exposed to the weather (exterior).
4. Section 047200 "Cast Stone Masonry" color to match 3:1 Acid Wash by Brailsford.
5. ADD Specification Section 072726 "Fluid-Applied Membrane Air Barriers" to the Project Manual. This shall be used for Keynote 702, Air Infiltration Barrier on the Wall Section drawings.

ARCHITECTURAL ITEMS

1. Revision 1 - 5/17/23. Sheet G1.0, G1.1, A1.1, A1.3, A4.1, A5.2, A6.2, A6.4, A6.5 - Response to DBS review comments:

a. Door 114 has been changed to a 3'-0" wide door.
b. Stackable washer and dryer combination units have been replaced with a single washer and dryer to comply with reach ranges specified in section 309 of the 2009 ANSI A117.1.
c. Code excerpts note 907.1.2 have been added.
d. Sheet S1.4 STRUCTURAL SPECIAL INSPECTIONS has been added to the drawing index.

PRIOR APPROVALS

1. Specification Section 093000 "Tiling" Ardex Americas.
2. Specification Section 098433 "Sound-Absorbing Wall Units" PET SOUND-TACK Tackable Wall Panel by ONNIT Systems.
3. Specification Section 223420 "Gas Fired Storage Type Water Heaters" Model 803 Prepiped Hi-Low Tempered Water Mixing System with Recirculation by Lawler.
4. Specification Section 220000 "Plumbing" North Star Commercial Water Softener PA1915S by North Star.
5. Specification Section 092400 "Cement Plastering" Armstrong - Stucco/Plaster Grid Systems.

STRUCTURAL ITEMS

1. Revision 1 - 5/17/23. Sheet S1.1, S1.4 - Response to DBS review comments:
    a. On sheet S1.1 STRUCTURAL NOTES, Section IV, Special Inspections, Note A has been changed, in Section XIII, Timber, Note E has been changed, and in Section IX, Architectural Veneer Attachments, Note A has been changed.
    b. Sheet S1.4 STRUCTURAL SPECIAL INSPECTIONS has been added.

PLUMBING ITEMS

1. Revision 1 - 5/17/23. Sheet P0.1, P0.2, P1.1, P3.3 - Response to DBS review comments:
    a. Section between floor drains increased to 3".
    b. On sheet P1.1 a note has been added.
    c. Water hammer arrestors have been added to all water closet locations.
    d. The commercial dryer was renamed D-2. The washer W-1 description has been revised and dryer D-1 has been added.
    e. A minimum bury depth of 60" has been added to the domestic and fire water services.

ELECTRICAL ITEMS

1. Revision 1 - 5/17/23. Sheet E0.0, E2.1 - Response to DBS review comments:
    a. Note A under Fire Alarm on sheet E0.0 has been changed.
    b. Clinician Room 106 is going to be used as an exam area.
    c. On sheet E2.1, keyed Note 5 and General Note has been added.

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LIST OF RE-ISSUED DRAWINGS

G1.0 GENERAL INFORMATION – REVISION 1 AND 1a
G1.1 CODE ANALYSIS - REVISION 1 AND 1a
G1.2 ASSEMBLY TYPES – REVISION 1a
G2.0 ANSI STANDARDS - REVISION 1a
G2.1 ANSI STANDARDS - REVISION 1a
G3.0 PHASING PLAN - REVISION 1a
G3.1 CONTRACTOR ACCESS ROAD AND STAGING AREA PLAN - REVISION 1a

C0.1 CIVIL SYMBOLS & LINE LEGEND - REVISION 1a
C0.2 CIVIL GENERAL NOTES – REVISION 1a
C0.3 OVERALL PLAN & PROJECT CONTROL – REVISION 1a
C1.1 BASE BID AREA A - DEMOLITION PLAN – REVISION 1a
C2.0 BASE BID AREA B - EXISTING CONDITIONS and PROJECT CONTROL – REVISION 1a
C2.1 BASE BID AREA B - DEMOLITION PLAN – REVISION 1a
C2.2 BASE BID AREA B - HORIZONTAL CONTROL PLAN – REVISION 1a
C2.3 BASE BID AREA B - GRADING PLAN – REVISION 1a
C2.4 BASE BID AREA B - UTILITY PLAN – REVISION 1a
C3.0 ALTERNATE NO.1 AREA C - EXISTING CONDITIONS & PROJECT CONTROL – REVISION 1a
C3.1 ALTERNATE NO.1 AREA C - DEMOLITION PLAN – REVISION 1a
C3.2 ALTERNATE NO.1 AREA C - HORIZONTAL CONTROL PLAN – REVISION 1a
C3.3 ALTERNATE NO.1 AREA C - GRADING PLAN – REVISION 1a
C3.4 ALTERNATE NO.1 AREA C - UTILITY PLAN – REVISION 1a
C4.1 ALTERNATE NO.2 AREA D - DEMOLITION PLAN – REVISION 1a
C5.0 ALTERNATE NO.2 AREA E EXISTING CONDITIONS & PROJECT CONTROL – REVISION 1a
C5.1 ALTERNATE NO.2 AREA E - DEMOLITION PLAN – REVISION 1a
C5.2 ALTERNATE NO.2 AREA E - STORAGE AREA – REVISION 1a
C5.3 ALTERNATE NO.2 AREA E - HORIZONTAL CONTROL PLAN – REVISION 1a
C5.4 ALTERNATE NO.2 AREA E - HORIZONTAL CONTROL PLAN – REVISION 1a
C5.5 ALTERNATE NO.2 AREA E - GRADING PLAN – REVISION 1a
C5.6 ALTERNATE NO.2 AREA E UTILITY PLAN – REVISION 1a
C6.0 GENERAL BUILDING LANDSCAPE PLAN – REVISION 1a
C6.1 STANDARD DETAILS – REVISION 1a
C6.2 PROJECT DETAILS – REVISION 1a

A1.1 MAIN FLOOR PLAN – REVISION 1 AND 1a
A1.2 MEZZANINE PLAN - REVISION 1a
A1.3 MAIN FLOOR PLAN -DIMENSIONS – REVISION 1 AND 1a
A2.1 BUILDING ELEVATIONS – REVISION 1a
A3.1 BUILDING SECTIONS – REVISION 1a
A3.2 BUILDING SECTIONS – REVISION 1a
A4.1 WALL SECTIONS – REVISION 1 AND 1a
A4.2 WALL SECTIONS – REVISION 1a
A4.3 WALL SECTIONS – REVISION 1a
A4.4 WALL SECTIONS – REVISION 1a

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A4.5 WALL SECTIONS – REVISION 1a
A5.1 ENLARGED PLANS AND INTERIOR ELEVATIONS – REVISION 1a
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A5.5 ENLARGED PLANS AND INTERIOR ELEVATIONS – REVISION 1a
A6.1 WINDOW SCHEDULE AND DETAILS – REVISION 1a
A6.2 DOOR SCHEDULE – REVISION 1 AND 1a
A6.3 DOOR DETAILS – REVISION 1a
A6.4 FINISH FLOOR PLAN – REVISION 1 AND 1a
A6.5 FURNISHINGS FLOOR PLAN - REVISION 1 AND 1a
A7.1 REFLECTED CEILING PLAN -MAIN FLOOR – REVISION 1a
A7.2 REFLECTED CEILING PLAN -MEZZANINE – REVISION 1a
A8.1 ROOF PLAN – REVISION 1a
A8.2 ROOF DETAILS – REVISION 1a
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S1.1 STRUCTURAL NOTES – REVISION 1 AND 1a
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S1.3 STRUCTURAL TYPICAL DETAILS – REVISION 1a
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S2.1 FOUNDATION PLAN – REVISION 1a
S2.2 MAIN FLOOR WALL FRAMING PLAN – REVISION 1a
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M1.1 MECHANICAL FLOOR PLAN – REVISION 1a
M2.1 LARGE SCALE MECHANICAL ROOM – REVISION 1a
M3.1 MECHANICAL DETAILS – REVISION 1a
M3.2 MECHANICAL DETAILS – REVISION 1a
M3.3 MECHANICAL SCHEDULES – REVISION 1a

P0.1 PLUMBING FOUNDATION PLAN – REVISION 1 AND 1a
P0.2 PLUMBING FOUNDATION PLAN – REVISION 1 AND 1a
P1.1 PLUMBING FLOOR PLAN - REVISION 1 AND 1a
P3.1 PLUMBING DETAILS AND DIAGRAMS – REVISION 1a
P3.2 PLUMBING DETAILS AND DIAGRAMS - REVISION 1a
P3.3 PLUMBING FIXTURE SCHEDULE – REVISION 1 AND 1a

E0.0 ELECTRICAL COVER SHEET - REVISION 1 AND 1a
E0.1 LIGHTING COMPLIANCE - REVISION 1a
E1.1 LIGHTING PLAN - REVISION 1a

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E1.2 MEZZANINE LIGHTING PLAN - REVISION 1a
E2.1 POWER PLAN - REVISION 1 AND 1a
E2.2 MEZZANINE POWER AND ACCESS CONTROLS PLAN - REVISION 1a
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E3.2 MEZZANINE MECHANICAL POWER PLAN - REVISION 1a
E4.1 SPECIAL SYSTEMS PLAN - REVISION 1a
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E4.3 ACCESS CONTROL DETAILS - REVISION 1a
E4.4 ACCESS CONTROL DIAGRAM - REVISION 1a
E5.1 EXISTING ONE-LINE DIAGRAM A - REVISION 1a
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E5.3 NEW ONE-LINE DIAGRAM A - REVISION 1a
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E5.5 PANEL SCHEDULES - REVISION 1a
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ES1.0 OVERALL ELECTRICAL SITE DEMO PLAN - REVISION 1a
ES1.1 ELECTRICAL SITE DEMO PLAN-AREA A -BASE BID - REVISION 1a
ES1.2 ELECTRICAL SITE DEMO PLAN-AREA B -BASE BID - REVISION 1a
ES1.3 ELECTRICAL SITE DEMO PLAN-AREA C -ALTERNATE 1 - REVISION 1a
ES1.4 ELECTRICAL SITE DEMO PLAN-AREA D -ALTERNATE 2 - REVISION 1a
ES1.5 ELECTRICAL SITE DEMO PLAN-AREA E -ALTERNATE 2 - REVISION 1a
ES2.0 OVERALL ELECTRICAL SITE INSTALL PLAN - REVISION 1a
ES2.1 ELECTRICAL SITE INSTALL PLAN-AREA B -BASE BID - REVISION 1a
ES2.2 ELECTRICAL SITE INSTALL PLAN-AREA C -ALTERNATE 1 - REVISION 1a
ES2.3 ELECTRICAL SITE INSTALL PLAN-AREA E -ALTERNATE 2 - REVISION 1a

END OF ADDENDUM NO.1

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Pre-bid Conference

June 22, 2023 – 10:00 pm

DPW 21-725 DJC: St. Anthony Cottages

2220 East 600 North - St. Anthony, Idaho 83445

Architect's Project Manager: James Wyatt ph - 208-522-8779 fax - 208-522-8785	**Project description:** Construct up to three 10,434 SF 20 bed, wet cell "cottages" Existing cottages to be razed to allow space for new. Construction includes but is not limited to concrete slab on grade, concrete footings, and foundations, multi-wythe CMU walls, wood joists and pre-engineered trusses, and a standing seam metal roof. Detention grade doors, windows, and plumbing fixtures	
Building square footage: 10,434 sf **Estimated Cost:** 17,590,000.	**Bid submission date and time:** July 20, 2023, at 2:00 P.M.	**Bid submission location:** NBW Architects, P.A. 990 John Adams Parkway Idaho Falls, Idaho 83403 208-522-8779
Building permit issued by: DOPL	**Construction Time:** Base Bid: 365 Calendar Days Alternate 1: 395 Calendar Days Alternate 2: 760 Calendar Days	**Liquidated damages/ day:** Base Bid: $500.00 Alternate 1: $500.00 Alternate 2: $500.000
Addendum Items: LDs for alternates: $500.00 IDOPL Approved documents		

1 **Project Representatives and Attendees:**

Gary Groff	DPW Project Manager	208-332-1919 Gary.groff@adm.idaho.gov
James Wyatt	NBW Architects, P.A.	208-522-8779 jhw@nbwarchitects.com
Wade Parker	Engineered Structures Inc.	208-362-3040 info@esiconstruction.com
Jason Jones	Gary Jones Construction	208-678-1118 office@garyjonesconstruction.com
Julian Ziegler	Gary Jones Construction	
Nick Contos	Ormond Builders	208-524-1422 ncontos@ormondbuilders.com
Nyle Fullmer	Big-D Construction	208-425-4190
Jeremy Hansen	Big-D Construction	208-538-1886 (Idaho Falls office)

Ryan Rodriguez	Construction Solution Company	208-514-4441 office@cscid.com
Dave Hansen	ESA	208-233-0501 dave@engsystems.com
Neal Smith	NSJ Construction	208-522-9220 nsmith@nsjconstruction.com
Stephen Fletcher	NSJ Construction	
Mike Clements	Bateman-Hall, Inc.	208-523-2681 mike.clements@bateman-hall.com
Jeremy Ferguson	Bateman-Hall, Inc.	
Austin Bono	Arco Electric	208-522-2185 arco-jed@qwestoffice.net
Klint Clark	Sprinter Heating	208-745-7226 service@sprinterheating.com
Fred Richards	Division of Public Works	208-269-0639 Fred.Richards@adm.idaho.gov
Alan Cook	JCC	Alan.Cook@idjc.idaho.gov

2. **Bidding Information:**
   a. The successful bidder must supply:
      1) Workers Compensation Insurance*
      2) Commercial Liability Insurance*
      3) Automobile Liability Insurance*
      4) Performance and Payment Bonds * (100%)
      * The cost of the above to be included in the contractor's bid.

   b. The following documents MUST be included with the Bid
      1) Bid Bond 5% including Power of Attorney.
      2) Affidavit Concerning Alcohol and Drug Free Workplace.
      3) Signed Bidder Acknowledgement statement
   c. Division of Public Works license is required before bidding.

3. **Addenda:**
   a. All addenda will be issued by the Architect, by email, if possible, no later than 4 days prior to bid opening.
   b. All verbal agreements or instructions must be confirmed by written addenda.
   c. Contractors are to bid the contract documents. Review documents carefully. Additional payments to the Contractor will not be made for items shown or specified in documents.
   d. Requests for clarification shall be in writing and received by the architect 7 working days minimum prior to bid opening.

4. **Bid Opening:**
   a. Sealed bids will be accepted up to the specified time. Bidding will be closed at the exact specified time. Any or all Bids may be rejected by the Owner without cause. Bids will be opened and reviewed in a meeting following the time for receipt of bids.
   b. Bids are to be submitted as outlined in the Project Manual. Be sure to execute and include additional documents required.
   c. The bid form used will be the form provided. Faxed or emailed bids are not acceptable.
   d. The Owner reserves the right to reject any or all bids and to waive any irregularity

therein.

e. If all addenda are not acknowledged by number (1,2,3, etc.), on the bid form or if the bid form is not signed, all blanks not filled in or otherwise improperly filled out, the bid will be considered non-responsive.

f. The bid amount is to be listed in both written and numerical form. If there is a discrepancy between the two, the written amount will be used.

5. **Additional Items of Discussion:**

a. No substitutions of materials or products not authorized by addendum.

b. Review drawings and specs.

c. Additional sets of plans available.

a. AGC Boise www.idahoagc.org/plan-room

b. Blueprints Specialties www.docuproject.com

c. NBW www.nbw@nbwarchitecs.com

d. Contact NBW office to be added to the bidders list.

e. Make sure to include lawn sprinkler repair allowances in bid.

6. **Pre-Bid meeting notes and questions:**

a. Alan Cook stated that the existing Bitterroot Cottage will not be demolished.

b. The Idaho Division of Occupational and Professional Licenses (DOPL Idaho) building permit fee is to be paid by the contractor and is to be included in the bid. Each new cottage will require a separate permit.

c. Alan Cook reviewed the contractor's check-in requirements. It was also noted there are some additional requirements in the Project Manual.

d. The asbestos abatement (mainly ceiling and floor tiles in existing to be demolished Targhee Cottage) is being performed by DPW. It was requested that the timeline for the asbestos abatement be included in the upcoming Addendum.

e. An environmental assessment has been requested. An asbestos abatement report will be issued for reference only, by addendum.

f. The architect explained that the contractor can direct any questions they might have to NBW up to 7 working days minimum prior to bid opening.

g. Further, the Architect explained that the last day to issue an Addendum will be no later than 4 days prior to the bid opening.

h. Architect stated that contractors need to contact our office if they want to be added to the bidder's list on NBW's website.

i. The SWPPP plan is to be prepared by the contractor.

j. The architect explained that the Landscape allowance does not include any plants, sod, washed rocks etc. but is intended for existing irrigation system repair only.

k. The Architect explained that there is a discrepancy between the bid form and the project manual regarding the allowances for the Base Bid, Alternate #1 and Alternate #2. This discrepancy will be addressed in an upcoming Addendum.

l. It has been requested that the allowable working hours be clarified/specified in an upcoming Addendum.

m. Requirements for storing materials off-site were reviewed.

n. Successful contractor shall be required to meet weekly with JCC staff to review the upcoming week's work schedule.

Approved
State of Idaho
Division of Building Safety
PA#: BLD2302-00010
Date: 06/12/23
These Documents are approved contingent on the compliance with the mark-ups and notes applied.
This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.
This is not a building permit

COMMERCIAL

PLAN REVIEW NOTES

These notes shall always be attached to the stamped approved plans and documents. These are part of the plans and shall be a permanent record with the plans.

BLD2302-00010

These plans have been reviewed for code compliance, based on the submitted documents and plan sheets, and have been found to be substantially code compliant, all other code compliance requirements shall be completed through field inspections, verifications, and approvals by the field building inspector.

Section 107.3.1, 2018 IBC. *Approval of construction documents. When the building official issues a permit, the construction documents shall be approved, in writing or by stamp, as "Reviewed for Code Compliance." One set of construction documents reviewed shall be retained by the building official. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the building official or a duly authorized representative. A complete set of stamped approved plans which includes, all documents submitted for plan review (E.g. approved stamped plans, plan review notes, stamped engineering calculations, stamped truss drawings and calculations, Res/Com-checks, and all manufactures installation instructions for all manufactured products.) shall be on site for inspector verification. Without a complete set of documents inspections cannot take place.*

Section 105.4, 2018 IBC. Validity of permit. *The issuance or granting of a permit shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of the jurisdiction shall not be valid. The issuance of a permit based on construction documents and other data shall not prevent the building official from requiring the correction of errors in the construction documents and other data. The building official is authorized to prevent occupancy or use of a structure where in violation of this code or of any other ordinances of this jurisdiction.*

Section 110.5, 2018 IBC. *Inspection requests. It shall be the duty of the holder of the building permit or their duly authorized agent to notify the building official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code. (See section 110.3 2018 IBC. for required inspections)*

107.4 2018 IBC. Amended construction documents.
Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents. Any substantial changes shall be resubmitted for plan review at the inspector's discretion.

Section 110.1, 2018 IBC. *Approvels a result of an inspection shall not be construed to be an approval of a violation of the provisions of the code or of other ordinances of the jurisdiction. Inspections presumed to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.*

1704.2 Special inspections and tests. *Where application is made to the building official for construction as specified in Section 105, the owner or the owner's authorized agent, other than the contractor, shall employ one or more approved agencies to provide special inspections and tests during construction on the types of work specified in Section 1705 and identify the approved agencies to the building official. These special inspections and tests are in addition to the inspections by the building official that are identified in Section 110.*
The Special inspection report is to be shown to the building inspector upon building inspection.
A final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests, shall be submitted at a point in time agreed upon prior to the start of work by the owner or the owner's authorized agent to the building official.

The Idaho Department of Building Safety does not enforce the requirements of the ADA, the State of Idaho has adopted the 2009 ANSI A117.1 for accessibility. The ADA is regulated and enforced by the DOJ alone. No ADA requirements were held to compliance in this plan review. It is solely the responsibility of the contractor, architect and or owner to insure compliance with any and all ADA requirements for this project.

Local Fire code officials shall ensure that all fire protection features (E.g. fire suppression systems, alarms, signage, warning devises, wiring, smoke detection systems, fire extinguishers, automatic fire extinguishing systems, etc.) are compatible and compliant with all jurisdictional and adopted code requirements.

Safeguards during construction and, or demolition shall be as per chapter 33 of the 2018 IBC.

It is the responsibility of the owner the design professionals and the contractor to ensure complete code compliance for this project.

Any lack of information, questions or deviations shall be brought to the attention of the registered design professional of record for approval.

Final approval of all code compliance for this project will be based upon the 2018 IBC through field inspections, verifications, and approval by the field inspectors.

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements governing allowances.

B. Types of allowances include the following:

1. Lump-sum allowances.

1.2 SELECTION AND PURCHASE

A. At the earliest practical date after award of the Contract, advise Design Professional of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.

B. At Design Professional's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.

C. Purchase products and systems selected by Design Professional from the designated supplier.

1.3 ACTION SUBMITTALS

A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.4 INFORMATIONAL SUBMITTALS

A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.5 LUMP-SUM ALLOWANCES

A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Design Professional under allowance and shall include taxes, freight and delivery to Project site.

B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Design Professional under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.6 ADJUSTMENT OF ALLOWANCES

A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.

1. Include installation costs in purchase amount only where indicated as part of the allowance.
2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.

B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.

1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.
2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

A. Allowance No. 1: Lump-Sum Allowance: Include the sum of Forty Thousand ($40,000.00): Include Landscape Allowance as specified. Allowance shall be used for the re-configuration of the lawn sprinkler system around the new Bitterroot Cottage and Superintendent House.

1. This allowance includes material cost receiving, handling, and installation and Contractor overhead and profit.

2. Allowance No. 1 to be included in Base Bid.

Allowance No. 2: Lump-Sum Allowance: Include the sum of Forty-Five Thousand ($45,000.00): Include Landscape Allowance as specified. Allowance shall be used for the re-configuration of the lawn sprinkler system around the Targhee Cottage.

3. This allowance includes material cost receiving, handling, and installation and Contractor overhead and profit.

4. Allowance No. 2 to be included in Add Alternate No. 1

B. Allowance No. 3: Lump-Sum Allowance: Include the sum of Forty Thousand ($40,000.00): Include Landscape Allowance as specified. Allowance shall be used for the re-configuration of the lawn sprinkler system around the new Centennial Cottage and original Bitterroot Cottage

1. This allowance includes material cost receiving, handling, and installation and Contractor overhead and profit.

2. Allowance No. 3 to be included in Add Alternate No. 2

END OF SECTION 012100

SECTION 072726 - FLUID-APPLIED MEMBRANE AIR BARRIERS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Vapor-retarding, fluid-applied air barriers.

B. Preinstallation Conference: Conduct conference at Project site.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

1.3 INFORMATIONAL SUBMITTALS

1.4 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Air-Barrier Performance: Air-barrier assembly and seals with adjacent construction to be capable of performing as a continuous air barrier and as a liquid-water drainage plane flashed to discharge to the exterior incidental condensation or water penetration. Air-barrier assemblies to be capable of accommodating substrate movement and of sealing substrate expansion and control joints, construction material changes, penetrations, and transitions at perimeter conditions without deterioration and air leakage exceeding specified limits.

B. Air-Barrier Assembly Air Leakage: Maximum 0.04 cfm/sq. ft. of surface area at 1.57 lbf/sq. ft., when tested in accordance with ASTM E2357.

C. Ultimate Elongation: Minimum 200 percent; ASTM D412, Die C.

D. Adhesion to Substrate: Minimum 16 lbf/sq. in. when tested in accordance with ASTM D4541.

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2.2 MEDIUM-BUILD AIR BARRIERS, VAPOR RETARDING

A. Medium-Build, Vapor-Retarding Air Barrier: Synthetic polymer material with an installed dry film thickness, according to manufacturer's written instructions, of 16 to 34 mils over smooth, void-free substrates.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
   a. Master Builders Solutions; brand of MBCC Group.
   b. PROSOCO, Inc.
   c. Sto Corp.
   d. TK Products Construction Coatings, a Fenix Group SPC Company.
2. Vapor Permeance: Maximum 0.1 perm; ASTM E96/E96M, Procedure A, Desiccant Method.

2.3 ACCESSORY MATERIALS

A. Requirement: Provide primers, transition strips, termination strips, joint reinforcing fabric and strips, joint sealants, counterflashing strips, flashing sheets and metal termination bars, termination mastic, substrate patching materials, adhesives, tapes, foam sealants, lap sealants, and other accessory materials that are recommended in writing by air-barrier manufacturer to produce a complete air-barrier assembly and that are compatible with primary air-barrier material and adjacent construction to which they may seal.

PART 3 - EXECUTION

3.1 SURFACE PREPARATION

A. Clean, prepare, treat, fill, and seal substrate and joints and cracks in substrate in accordance with manufacturer's written instructions and details. Provide clean, dust-free, and dry substrate for air-barrier application.

B. Mask off adjoining surfaces not covered by air barrier to prevent spillage and overspray affecting other construction.

C. Remove fins, ridges, mortar, and other projections and fill honeycomb, aggregate pockets, holes, and other voids in concrete with substrate-patching material.

D. Remove excess mortar from masonry ties, shelf angles, and other obstructions.

E. At changes in substrate plane, apply sealant or termination mastic beads at sharp corners and edges to form a smooth transition from one plane to another.

F. Bridge isolation joints expansion joints and discontinuous wall-to-wall, deck-to-wall, and deck-to-deck joints with air-barrier accessory material that accommodates joint movement in accordance with manufacturer's written instructions and details.

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3.2 INSTALLATION

A. Install materials in accordance with air-barrier manufacturer's written instructions and details to form a seal with adjacent construction and ensure continuity of air and water barrier.

1. Coordinate the installation of air barrier with installation of roofing membrane and base flashing to ensure continuity of air barrier with roofing membrane.
2. Install transition strip on roofing membrane or base flashing so that a minimum of 3 inches of coverage is achieved over each substrate.
3. Unless manufacturer recommends in writing against priming, apply primer to substrates at required rate and allow it to dry.
4. Apply primer to substrates at required rate and allow it to dry. Limit priming to areas that will be covered by air-barrier material on same day. Reprime areas exposed for more than 24 hours.

B. Connect and seal exterior wall air-barrier material continuously to roofing-membrane air barrier, concrete below-grade structures, floor-to-floor construction, exterior glazing and window systems, glazed curtain-wall systems, storefront systems, exterior louvers, exterior door framing, and other construction used in exterior wall openings, using accessory materials.

C. Wall Openings: Prime concealed, perimeter frame surfaces of windows, curtain walls, storefronts, and doors. Apply transition strip so that a minimum of 3 inches of coverage is achieved over each substrate. Maintain 3 inches of full contact over firm bearing to perimeter frames.

D. Repair punctures, voids, and deficient lapped seams in strips and transition strips. Slit and flatten fishmouths and blisters. Patch with transition strips extending 6 inches beyond repaired areas in strip direction.

E. Medium-Build Air Barriers: Apply continuous unbroken air-barrier material to substrates according to the following thickness. Apply an increased thickness of air-barrier material in full contact around protrusions such as masonry ties.

1. Vapor-Retarding, Medium-Build Air Barrier: Total dry film thickness not less than 16 mils , applied in one or more equal coats. Apply additional material as needed to achieve void- and pinhole-free surface.

F. Correct deficiencies in or remove air barrier that does not comply with requirements; repair substrates and reapply air-barrier components.

3.3 CLEANING AND PROTECTION

A. Protect air-barrier system from damage during application and remainder of construction period, in accordance with manufacturer's written instructions.

B. Remove masking materials after installation.

END OF SECTION 072726

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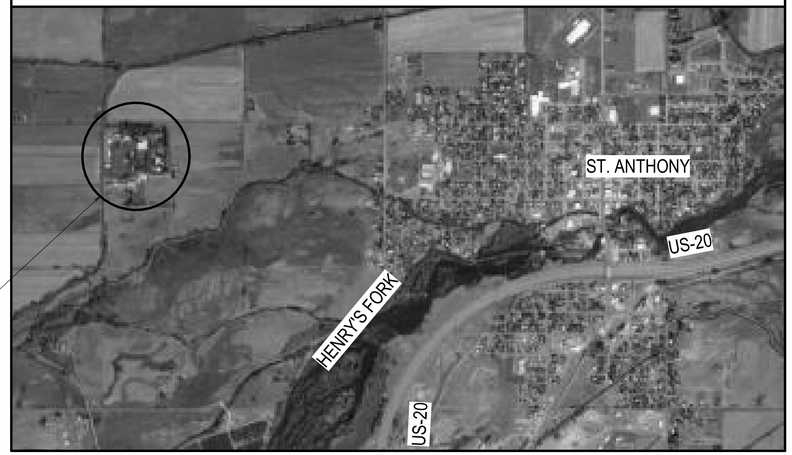
Approved
Structural Idaho
Date: 5/18/2023
Permit Number: 20230000
This approval is valid only for the plans, specifications and calculations upon which it is based. Structural Idaho assumes no responsibility for errors or omissions in the plans, specifications and calculations. The approval is valid for one year from the date of approval. Structural Idaho reserves the right to withdraw approval if construction does not commence within one year, is suspended or abandoned for one year, or if the plans, specifications and calculations are found to be in violation of any applicable code.
This is not a building permit

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

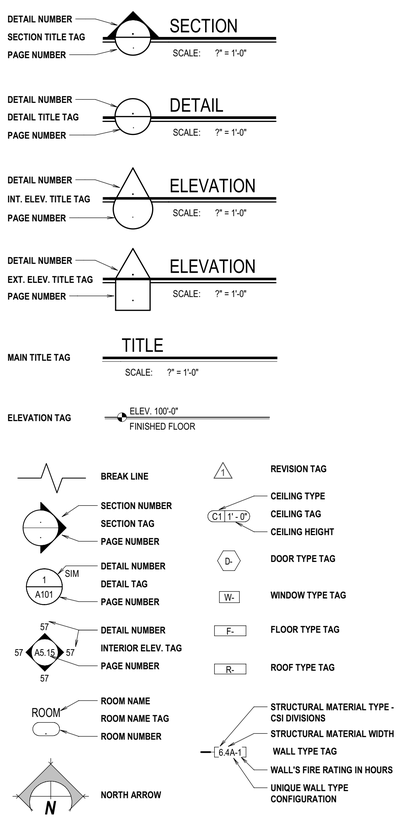
2220 E 600 N
ST. ANTHONY, IDAHO 83445

VICINITY MAP

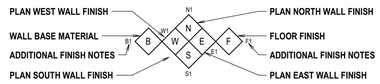


CONSTRUCTION SITE

SYMBOLS LEGEND



ROOM FINISHES TAG



BASE BID

- DEMOLISH SUPERINTENDENT RESIDENCE AT NORTHEAST CORNER
- BUILD NEW BITTERROOT COTTAGE IN NEW LOCATION

ALTERNATE NO. 1

- DEMOLISH EXISTING TARGHEE COTTAGE
- BUILD NEW TARGHEE COTTAGE IN SAME LOCATION

ALTERNATE NO. 2

- DEMOLISH EXISTING CENTENNIAL COTTAGE AND BIO BUILDING
- BUILD NEW CENTENNIAL COTTAGE IN SAME LOCATION
- DEMOLISH EXISTING BITTERROOT COTTAGE

ABBREVIATIONS

#	- NUMBER OR POUND
&	- AND
A.F.F.	- ABOVE FINISH FLOOR
AL	- ALUMINUM
ALUM.	- ALUMINUM
B.O.	- BOTTOM OF
CMU	- CONCRETE MASONRY UNIT
CONC.	- CONCRETE
CONT.	- CONTINUOUS
DEMO.	- DEMOLITION OR DEMOLISH
DIA.	- DIAMETER
DN	- DOWN
EA.	- EACH
EIFS	- EXTERIOR INSULATION & FINISHING SYSTEM
ELEC.	- ELECTRICAL
ELEV.	- ELEVATION
EQ.	- EQUAL
EQUIP.	- EQUIPMENT
EXT.	- EXTERIOR
F.F.	- FINISH FLOOR
FRP	- FIBERGLASS REINFORCED PLASTIC
GA.	- GAUGE
GYP.	- GYPSUM
H.M.	- HOLLOW METAL
HR	- HOUR
HVAC	- HEATING, VENTILATING, & AIR CONDITION
I.D.	- INSIDE DIAMETER
I.M.P.	- INSULATED METAL PANEL
INSUL.	- INSULATION
INT.	- INTERIOR
MAX.	- MAXIMUM
MECH.	- MECHANICAL
MFR	- MANUFACTURER
MIN.	- MINIMUM
N.I.C.	- NOT IN CONTRACT
NO.	- NUMBER
O.C.	- ON CENTER
O.D.	- OUTSIDE DIAMETER
PLY	- PLYWOOD
PLUM.	- PLUMBING
PVC	- POLYVINYL CHLORIDE
RCP	- REFLECTED CEILING PLAN
REQ'D	- REQUIRED
SIM.	- SIMILAR
SPM	- SINGLE PLY MEMBRANE
STOR.	- STORAGE
STRUCT.	- STRUCTURAL
T.O.	- TOP OF
TYP.	- TYPICAL
U.N.O.	- UNLESS NOTED OTHERWISE
W/	- WITH
W.C.	- WATER CLOSET
WD	- WOOD

DESIGN TEAM

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LICENSED ARCHITECT JAMES WYATT 06-23239 02/01/2023 STATE OF IDAHO

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PROJECT: DPW PROJECT NO. 21725 DJC: ST. ANTHONY COTTAGES 2220 E 600 N ST. ANTHONY, IDAHO 83445

SHEET TITLE: GENERAL INFORMATION

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: KP
CHECKED BY: JHW

DRAWING NO.: G1.0

5/18/2023 8:14:55 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Star Idaho Building Safety
Permit Group
Permit #
Approved Plans must be on site at all times during construction. The approval of these plans does not grant permission to violate or cancel the provisions of any state law, local building ordinance or regulation. This is not a building permit

CODE ANALYSIS

GOVERNING CODES:

2018 INTERNATIONAL BUILDING CODE, WITH AMENDMENTS
2018 INTERNATIONAL ENERGY CONSERVATION CODE, WITH AMENDMENTS COLLECTIVELY NAMED THE IDAHO ENERGY CONSERVATION CODE (2020 EDITION)
2017 NEC WITH AMENDMENTS
2018 INTERNATIONAL MECHANICAL CODE
2017 IDAHO STATE PLUMBING CODE BASED ON THE 2015 UNIFORM PLUMBING CODE
2018 INTERNATIONAL FIRE CODE

CONSTRUCTION TYPE:

TYPE V-B, 100% FIRE SPRINKLED

BUILDING OCCUPANCY:

I-3, CONDITION 4

BUILDING INFORMATION:

HEIGHT OF BUILDING: 28'
NUMBER OF STORIES: 1

ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE PER TABLE 504.4 : I-3 OCCUPANCY GROUP AND TYPE V-B CONSTRUCTION EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 = 2

1 < 2 = OK

TOTAL BUILDING AREA :

MAIN FLOOR 10,434 SQFT

ALLOWABLE AREA CALCULATIONS:

ALLOWABLE AREA PER TABLE 506.2 :
I-3 OCCUPANCY GROUP AND TYPE V-B CONSTRUCTION BUILDINGS TWO OR MORE STORIES ABOVE GRADE PLANE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 = 15,000 SQFT

10,434 SQFT < 15,000 SQFT = OK

FIRE RESISTANCE HOUR-RATING FOR BUILDING ELEMENTS:

1-HOUR CORRIDOR REQUIRED FOR I-3

REFUGE AREA REQUIRED AT DAY ROOMS:

60 SQFT EACH

COMMON PATH OF EGRESS TRAVEL DISTANCE:

TABLE 1006.2.1:
I-3 OCCUPANY = 100'
ACTUAL DISTANCE = 50'
50' < 100' = OK

EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER SYSTEM:

MAXIMUM PERMITTED DISTANCE = 200'
ACTUAL DISTANCE = 102'
102' < 200' = OK

ADDITIONAL CODE INFORMATION:

MINIMUM DOOR WIDTH PER SECTION 408.3.2 - 28" MIN

POWER OPERATED LOCKS FOR SWINGING DOORS PER SECTION 408.4.2 - EMERGENCY POWER SHALL BE PROVIDED TO POWER OPERATED LOCKS

SMOKE BARRIER PER SECTION 408.6 AND 709 - 1 HR OR .10 STEEL

SMOKE COMPARTMENTS PER SECTION 408.6.1 - NO MORE THAT 200 OCCUPANTS PER COMPARTMENT

REFUGE AREA PER SECTION 408.6.2 - MINIMUM OF 6 SQ. FT. PER OCCUPANT ON EACH SIDE OF THE SMOKE BARRIER.

DEAD END CORRIDOR PER SECTION 1020.4 - NONE OVER 50'-0"

PLUMBING FIXTURE COUNT

WATER CLOSET COUNT:

OCC.	LOAD	CODE	REQ'D	OCC.	LOAD	CODE	REQ'D
I-RES	20	1/15	2	I-EMP	21	1/25	1
		PROVIDED	20			PROVIDED	1

LAVATORY COUNT:

OCC.	LOAD	CODE	REQ'D	OCC.	LOAD	CODE	REQ'D
I-RES	20	1/15	2	I-EMP	21	1/25	1
		PROVIDED	20			PROVIDED	1

SHOWER COUNT:

OCC.	LOAD	CODE	REQ'D	OCC.	LOAD	CODE	REQ'D
I-RES	20	1/15	2	I-EMP	21	0	0
		PROVIDED	6			PROVIDED	0

DRINKNG FOUNTAIN COUNT:

OCC.	LOAD	CODE	REQ'D	OCC.	LOAD	CODE	REQ'D
I-RES	20	1/100	1	I-EMP	21	1/100	1
		PROVIDED	1			PROVIDED	1

OCCUPANCY LOAD PLAN KEY

ROOM NAME
ROOM #
S 30
OCCUPANT LOAD (LOAD FACTOR/AREA)
OCCUPANT LOAD TYPE SYMBOL
#
OCCUPANT LOAD SERVICE BY EXIT

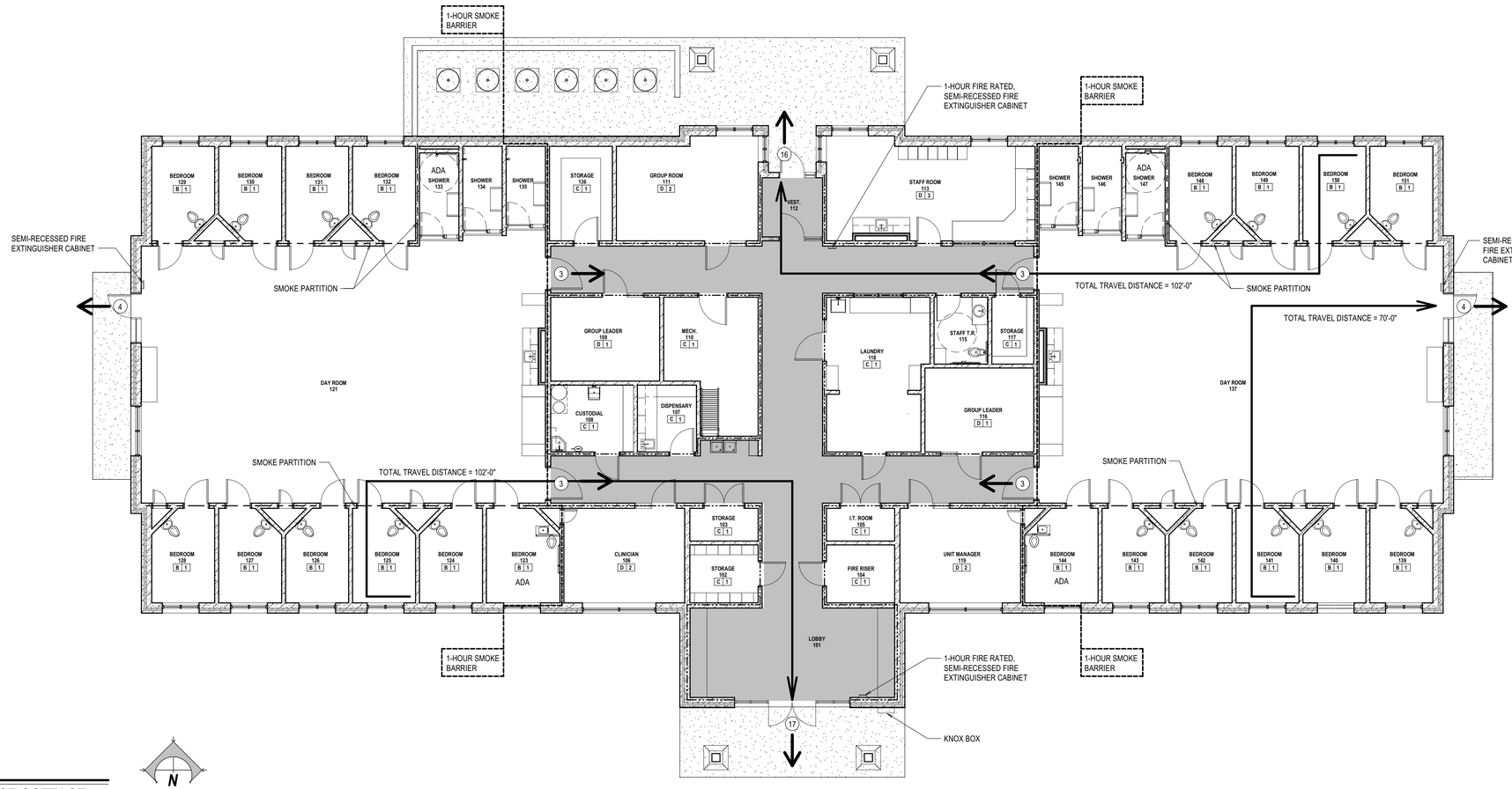
OCCUPANT LOAD TYPE	FACTOR (SF)	GROSS/ NET	SYM.
SLEEPING AREAS	120	GROSS	B
ACCESSORY AREAS	300	GROSS	C
BUSINESS AREA - OFFICE / WORK ROOMS	150	GROSS	D

TOTAL BUILDING OCCUPANT LOAD = 41

SMOKE PARTITION
SMOKE BARRIER - 1 HR
FIRE RATED WALL - 1 HR
FIRE RATED CORRIDOR - 1 HR
FIRE RATED CEILING - 1 HR

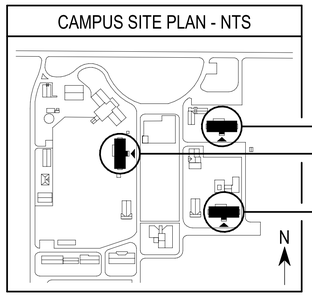
FIRE PROTECTION NOTE

FIRE ALARM SHOP DRAWINGS. SHOP DRAWINGS FOR FIRE ALARM SYSTEMS SHALL BE PREPARED IN ACCORDANCE WITH NFPA 72 AND SUBMITTED TO THE IDAHO STATE FIRE MARSHAL FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION. (IFC 907.1.2)



MAIN LEVEL
SCALE: 1/8" = 1'-0"

CAMPUS SITE PLAN - NTS



BASE BID
BITTERROOT COTTAGE

ALTERNATE NO. 2
CENTENNIAL COTTAGE

ALTERNATE NO. 1
TARGHEE COTTAGE

LICENSED ARCHITECT
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AR-98339
STATE OF IDAHO
02/01/2023

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: CODE ANALYSIS

REVISIONS

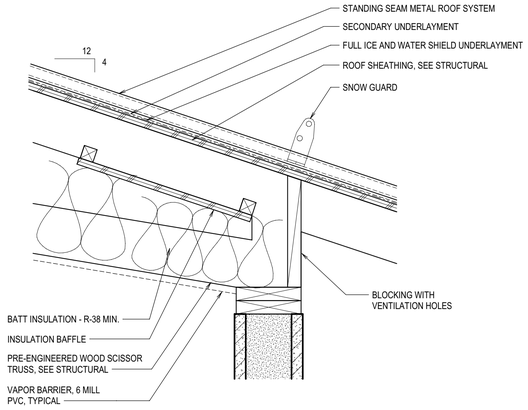
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
G1.1

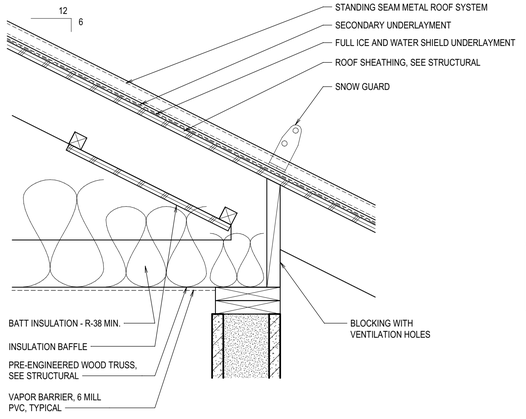
This is not a building permit

Approved
Structure Idaho County
Permit #
Date 6/01/2023
Plan Review Comments
This approval is for the construction of the structure shown on the approved plans and those specifications noted. The approval is valid for one year from the date of approval. Failure to commence work within one year shall void this approval. Changes to approved plans must be submitted for review and approval prior to construction.
This is not a building permit



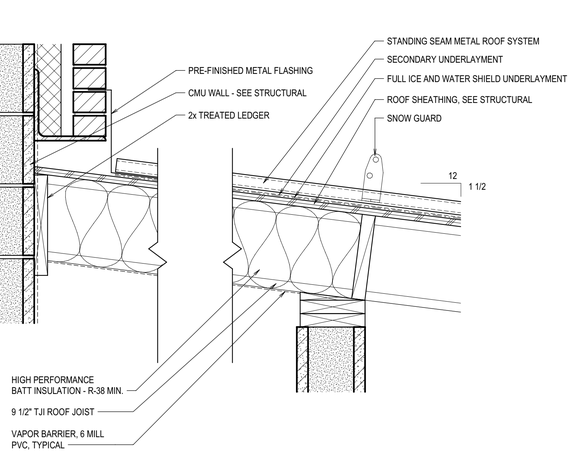
ROOF ASSEMBLY - R1

SCALE: 1 1/2" = 1'-0"



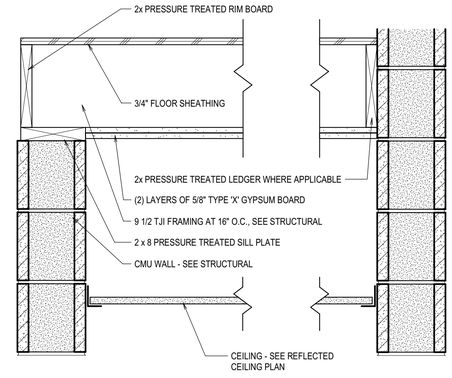
ROOF ASSEMBLY - R2

SCALE: 1 1/2" = 1'-0"



ROOF ASSEMBLY - R3

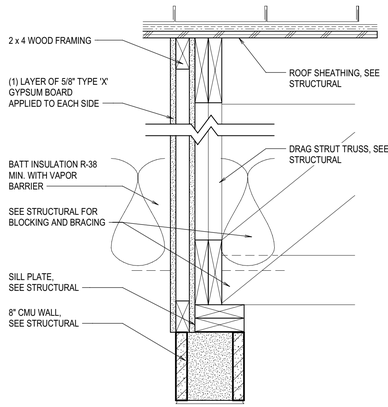
SCALE: 1 1/2" = 1'-0"



1 HOUR FIRE RATED ASSEMBLY - GA FILE NO. FC 5407

RATED ASSEMBY - A1

SCALE: 1 1/2" = 1'-0"



1 HOUR FIRE RATED ASSEMBLY - GA FILE NO. WP 3640

RATED ASSEMBY - A2

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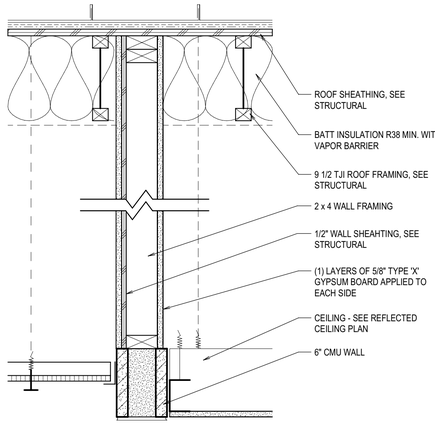

1 HOUR FIRE RATED ASSEMBLY - GA FILE NO. WP 3514

RATED ASSEMBY - A3

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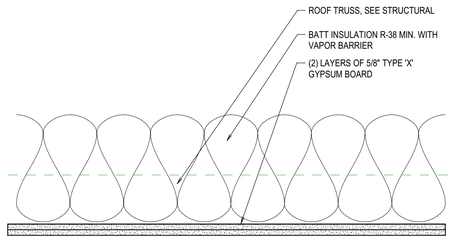
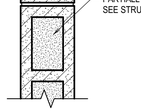


1 HOUR FIRE RATED ASSEMBLY - GA FILE NO. FC 5406

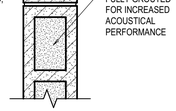
RATED ASSEMBY - A4

SCALE: 1 1/2" = 1'-0"

SEE DETAIL A/A1.3

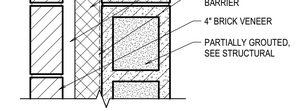


4.6A



4.6B

SEE DETAIL A/A1.3



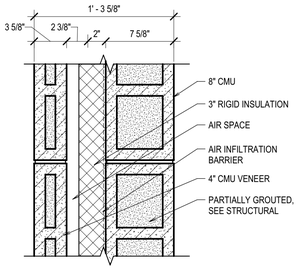
4.8A

WALL ASSEMBLY

SCALE: 1 1/2" = 1'-0"

SEE CODE ANALYSIS PLAN ON SHEET G1.1 FOR LOCATIONS OF FIRE RATED WALLS

SEE DETAIL A/A1.3



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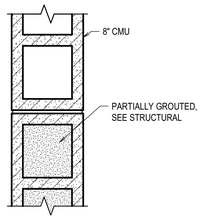

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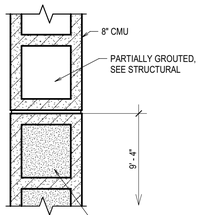

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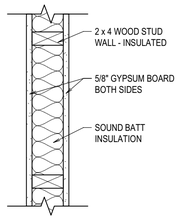
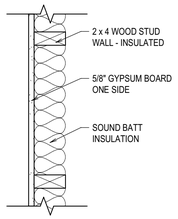


6.4A



6.4B

NOTE:
SEE STRUCTURAL DRAWINGS FOR ALL FASTENERS.

LICENSED ARCHITECT
JOSHUA H. WHITE
JAMES
STATE OF IDAHO
06-13139
02/01/2023

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(P) 208.522.8795 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ASSEMBLY TYPES

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

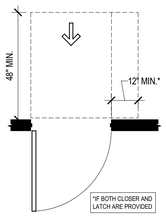
DRAWING NO.:

G1.2

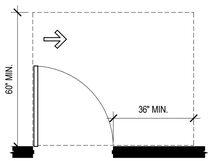
3/28/2023 11:29:50 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review Group
Plan review is based upon the applicable codes adopted by the State of Idaho and those codes identified in the Building Safety jurisdiction's Memorandum of Understanding. The approval of plans is not to be construed as an approval of violations to any code, ordinance or regulation adopted by the State of Idaho or the Building Safety jurisdiction.
This is not a building permit

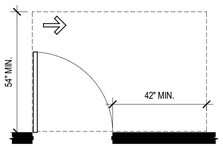
FRONT APPROACH, PULL SIDE



FRONT APPROACH, PUSH SIDE



HINGE APPROACH, PULL SIDE



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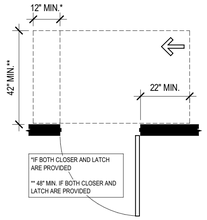

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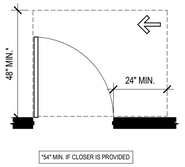
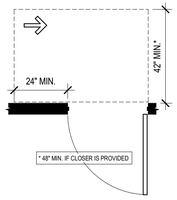
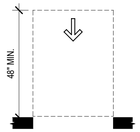


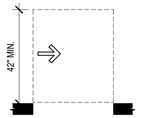
LATCH APPROACH, PULL SIDE



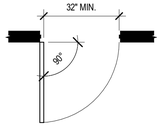
LATCH APPROACH, PUSH SIDE



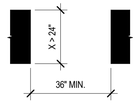
FRONT APPROACH - SLIDING, FOLDING, OR NO DOOR



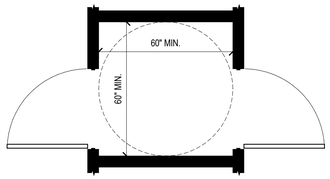
SIDE APPROACH, NO DOOR



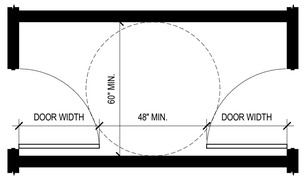
CLEARANCE WIDTH FOR SLIDING, FOLDING, OR HINGED DOORS



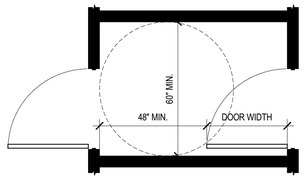
CLEARANCE WIDTH FOR DOORWAYS WITHOUT DOORS



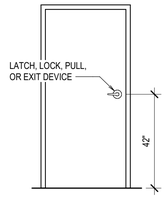
DOORS IN A SERIES
DOORS SWING OUT



DOORS IN A SERIES
DOORS SWING IN



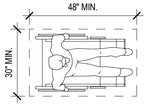
DOORS IN A SERIES
DOORS SWING SAME DIRECTION



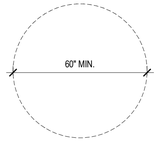
DOOR HARDWARE
MOUNTING HEIGHT

DOOR CLEARANCES

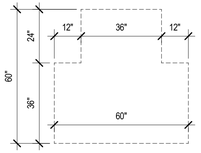
SCALE: 3/8" = 1'-0"



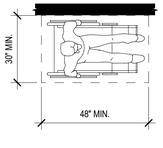
CLEAR FLOOR SPACE



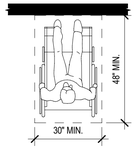
TURNING CIRCLE



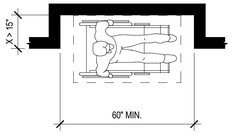
T-SHAPED TURNING AREA



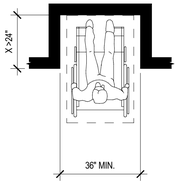
PARALLEL CLEAR FLOOR SPACE



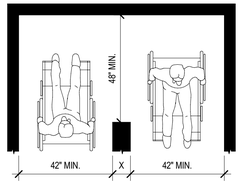
FORWARD CLEAR FLOOR SPACE



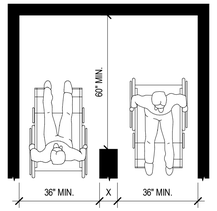
PARALLEL APPROACH IN ALCOVE



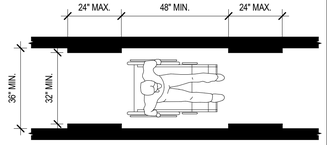
FORWARD APPROACH IN ALCOVE



180° TURN



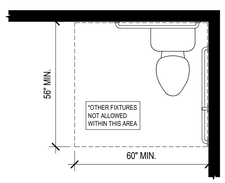
180° TURN (EXCEPTION)

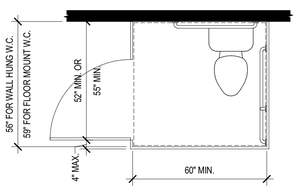


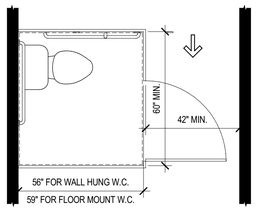
CLEAR WIDTH FOR ACCESSIBLE ROUTE

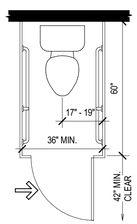
FLOOR CLEARANCES

SCALE: 3/8" = 1'-0"



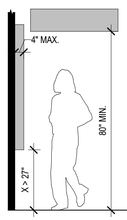




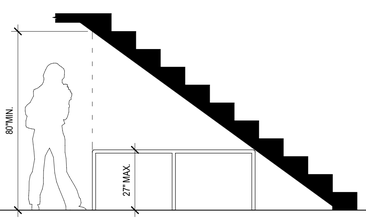


W.C. CLEARANCES

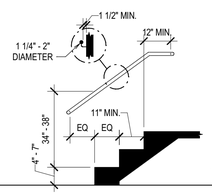
SCALE: 3/8" = 1'-0"



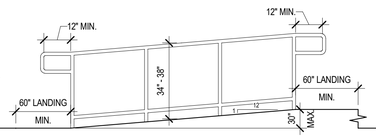
PROTRUDING OBJECTS



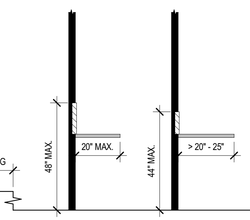
VERTICAL CLEARANCE



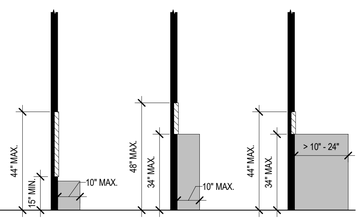
STAIRS AND HANDRAILS



RAMPS AND HANDRAILS



OBSTRUCTED FORWARD REACH



OBSTRUCTED SIDE REACH

OTHER CLEARANCES

SCALE: 3/8" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITT
STATE OF IDAHO
06-03339
02/01/2023

nbwarchitects p.a.
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900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8795 (F) 208.522.8796 (W) nbwarchitects.com

PROJECT: DJC: ST. ANTHONY COTTAGES
DPW PROJECT NO. 21725
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE: ANSI STANDARDS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

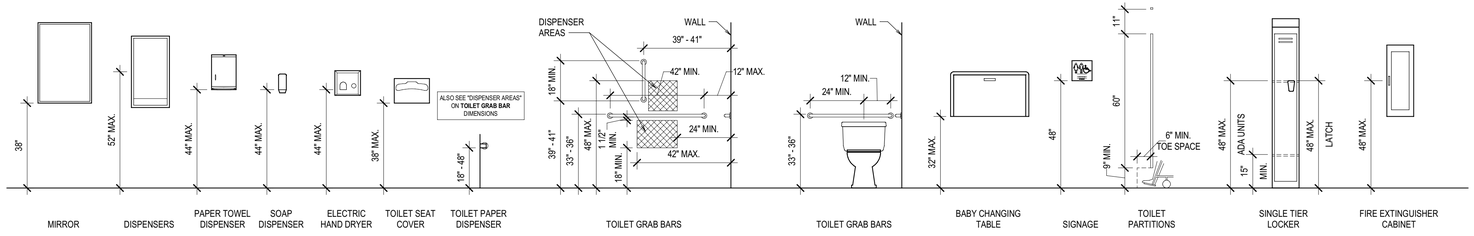
DRAWING NO.:

G2.0

3/28/2023 11:29:52 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

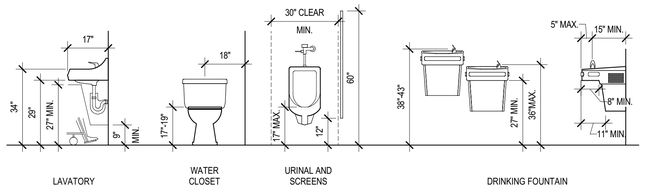
Approved
Shelley Idaho Building Safety
Permit Number
Permit Holder Copy
Permit Card Must Be Posted
Inspection Record and Approved Plans Must Be Available
The Permit Holder is responsible for the
proper location of property lines and
setbacks. Failure to correctly locate
property corners, setbacks,
and easements may result
in the removal of work
that is not in compliance.
This is not a building permit

1a



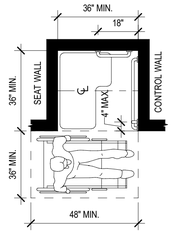
ACCESSORIES MOUNTING HEIGHTS

SCALE: 3/8" = 1'-0"

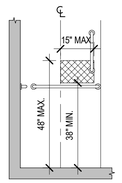


FIXTURE MOUNTING HEIGHTS

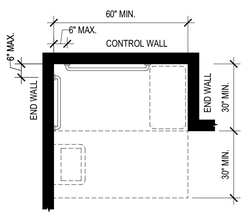
SCALE: 3/8" = 1'-0"



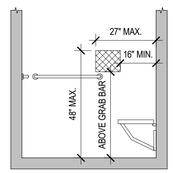
36" x 36" TRANSFER SHOWER



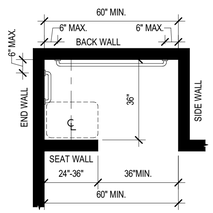
TRANSFER SHOWER CONTROLS ELEVATION



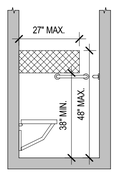
STANDARD ROLL-IN SHOWER



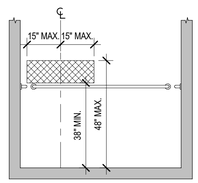
STANDARD ROLL-IN SHOWER CONTROLS ELEVATION



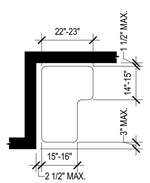
ALTERNATE ROLL-IN SHOWER



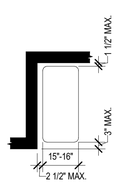
ALTERNATE ROLL-IN SHOWER END WALL ELEVATION



ALTERNATE ROLL-IN SHOWER BACK WALL ELEVATION



L-SHAPED SHOWER SEAT DIMENSIONS



RECTANGULAR SHOWER SEAT DIMENSIONS

SHOWER CLEARANCES

SCALE: 3/8" = 1'-0"

LICENSED ARCHITECT
JOSHUA H. WHITE
AR-02339
02/01/2023
JAMES, HAWKINS, AIA
STATE OF IDAHO

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900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ANSI STANDARDS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

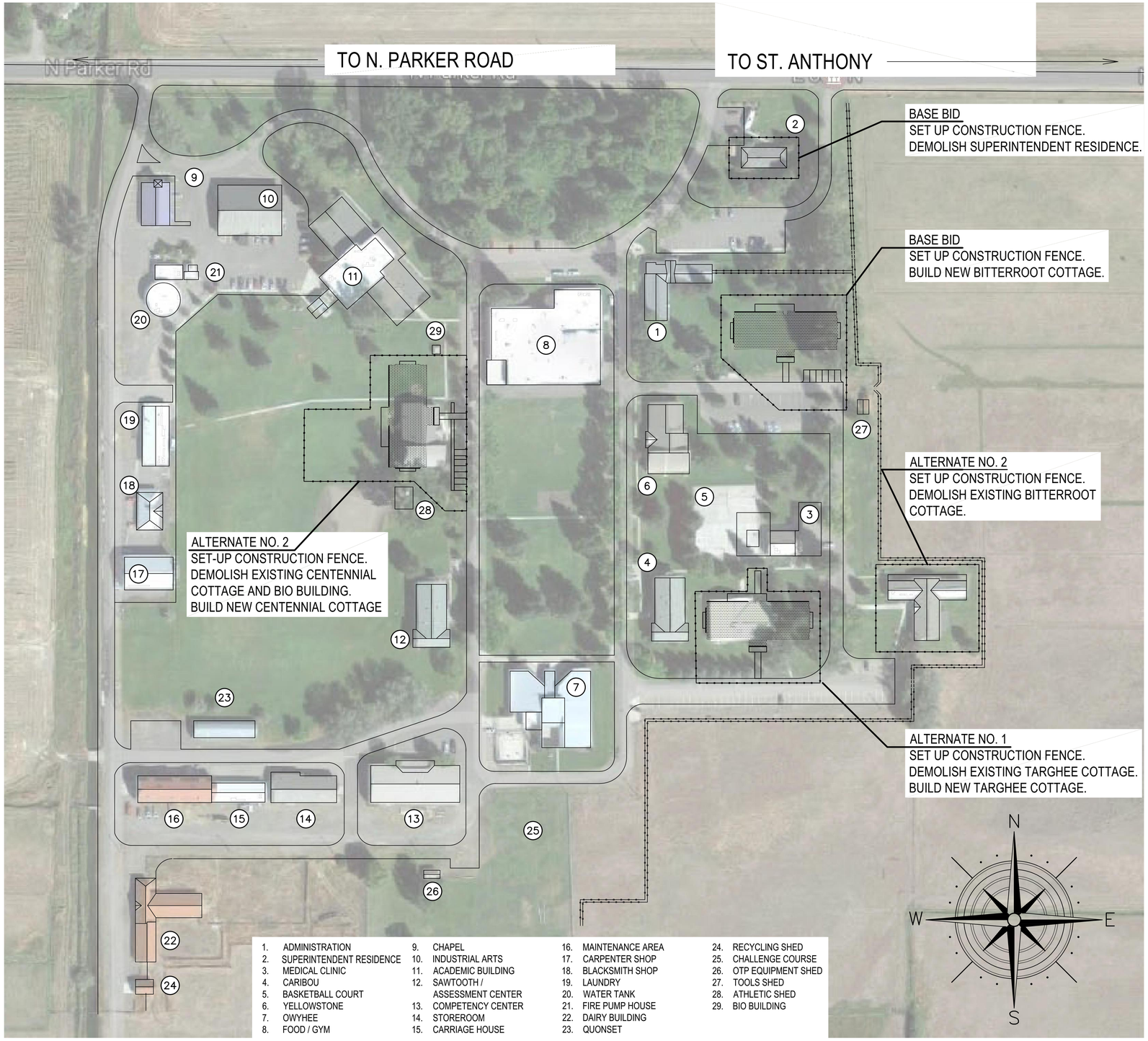
DRAWING NO.:

G2.1

3/28/2023 11:29:53 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Division of Building Safety
Permit #: 00000
Plan Review Required
Inspection Required
Inspection Contact: 208-332-7105
Idaho Code and Rules applied
The approval of plans does not permit the violation of any section of the Idaho Code or Rules. The approval is valid for one year from date issued unless otherwise noted.
This is not a building permit

1a



1. ADMINISTRATION
2. SUPERINTENDENT RESIDENCE
3. MEDICAL CLINIC
4. CARIBOU
5. BASKETBALL COURT
6. YELLOWSTONE
7. OWYHEE
8. FOOD / GYM
9. CHAPEL
10. INDUSTRIAL ARTS
11. ACADEMIC BUILDING
12. SAWTOOTH / ASSESSMENT CENTER
13. COMPETENCY CENTER
14. STOREROOM
15. CARRIAGE HOUSE
16. MAINTENANCE AREA
17. CARPENTER SHOP
18. BLACKSMITH SHOP
19. LAUNDRY
20. WATER TANK
21. FIRE PUMP HOUSE
22. DAIRY BUILDING
23. QUONSET
24. RECYCLING SHED
25. CHALLENGE COURSE
26. OTP EQUIPMENT SHED
27. TOOLS SHED
28. ATHLETIC SHED
29. BIO BUILDING

PHASING PLAN
SCALE: NOT TO SCALE

BASE BID
• DEMOLISH SUPERINTENDENT RESIDENCE AT NORTHEAST CORNER • BUILD NEW BITTERROOT COTTAGE IN NEW LOCATION
ALTERNATE NO. 1
• DEMOLISH EXISTING TARGHEE COTTAGE • BUILD NEW TARGHEE COTTAGE IN SAME LOCATION
ALTERNATE NO. 2
• DEMOLISH EXISTING CENTENNIAL COTTAGE AND BIO BUILDING • BUILD NEW CENTENNIAL COTTAGE IN SAME LOCATION • DEMOLISH EXISTING BITTERROOT COTTAGE

LICENSED ARCHITECT AR-98339
JAMES WYATT
02-01-2023
STATE OF IDAHO

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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(P) 208.522.8779 (F) 208.522.8785 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: PHASING PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

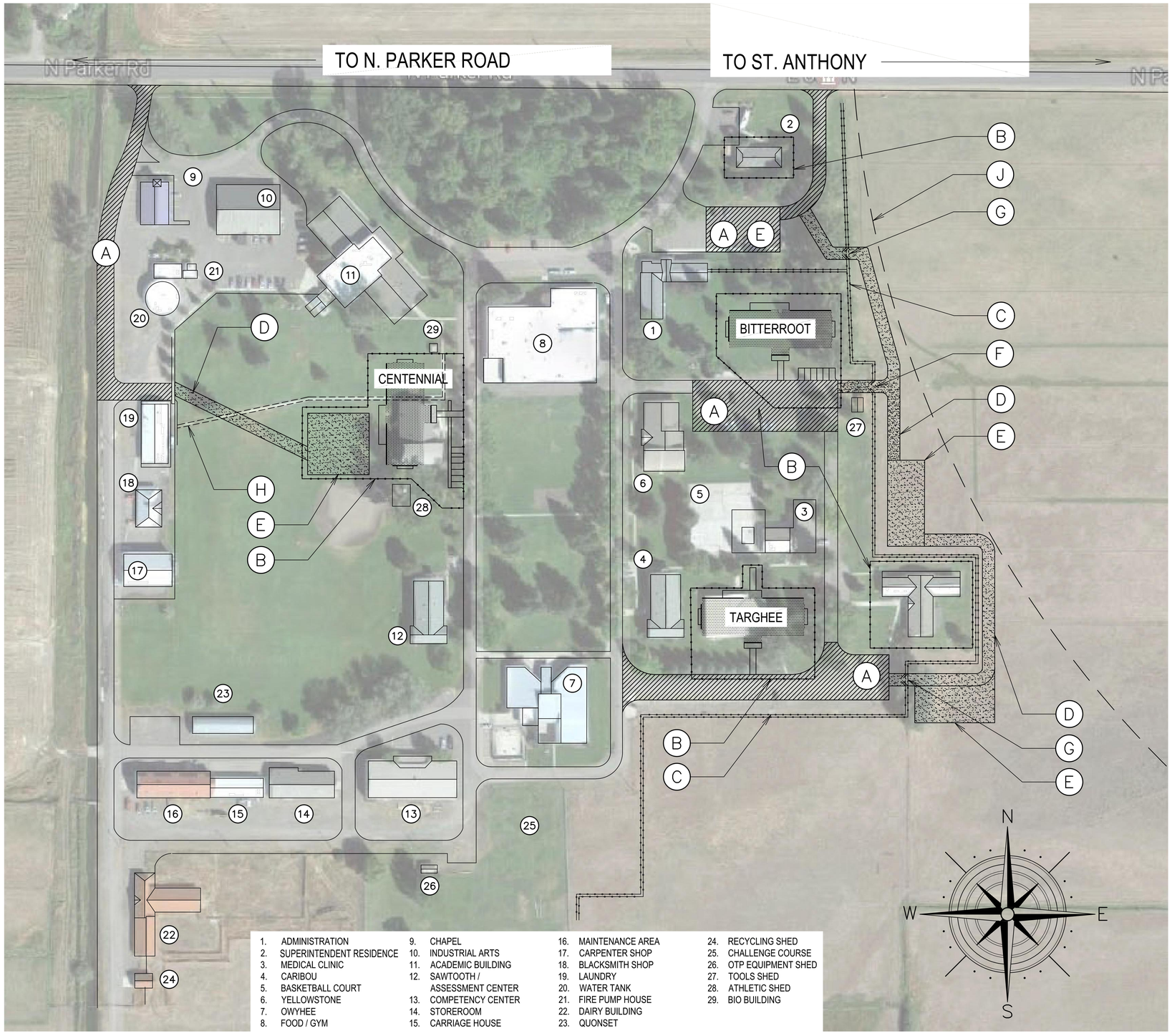
NBW PROJECT NO.: 21023
DATE: DECEMBER 2022
DRAWN BY: KP
CHECKED BY: JHW

DRAWING NO.:

G3.0

Approved
Shelby Idaho Building Safety
Date: 6/01/2023
By: [illegible]
This approval is granted on the condition that the proposed building or structure and its use shall conform in all respects to the provisions of the Shelby Idaho Building Safety Code and other ordinances and regulations applicable thereto. The issuance of a permit or approval of plans does not prevent the building official from subsequently requiring the correction of errors in the plans and construction. Permits presuming to give authority to violate or cancel the provisions of the building safety code or other ordinances of the jurisdiction shall not be valid.
This is not a building permit

1a



1. ADMINISTRATION
2. SUPERINTENDENT RESIDENCE
3. MEDICAL CLINIC
4. CARIBOU
5. BASKETBALL COURT
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25. CHALLENGE COURSE
26. OTP EQUIPMENT SHED
27. TOOLS SHED
28. ATHLETIC SHED
29. BIO BUILDING

CONTRACTOR ACCESS ROAD AND STAGING AREA PLAN

SCALE: NOT TO SCALE

GENERAL NOTES

1. CONTRACTOR TO REMOVE GRAVEL BEING USED TO CONSTRUCT TEMPORARY GRAVEL ROADS AND STORAGE PADS AFTER CONCLUSION OF CONSTRUCTION AND TRANSPORT IT TO THE AREA DESIGNATED BY OWNER FOR STORAGE AND FUTURE USE. CONTRACTOR TO REVERT GRAVEL ROAD AND STORAGE PAD AREAS BACK TO THE CONDITION THAT EXISTED PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO PROTECT ALL EXISTING ROADWAYS INCLUDING BUT NOT LIMITED TO CURBS, GUTTERS, SIDEWALKS, STEPS, VALVE BOXES, MANHOLES, LANDSCAPING, IRRIGATION COMPONENTS ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE ANYTHING DAMAGED AS A RESULT OF NEW CONSTRUCTION.
3. CONTRACTOR TO ENSURE THAT EXISTING IRRIGATION SYSTEM REMAINS OPERABLE DURING CONSTRUCTION AND THAT FOLLOWING CONSTRUCTION, THE EXISTING IRRIGATION SYSTEM OPERATES AS GOOD, OR BETTER THAN EXISTED PRIOR TO THIS PROJECT. CONTRACTOR SHALL REPLACE, AT NO ADDITIONAL COST TO THE OWNER, PLANT MATERIALS DAMAGED DUE TO THE CONTRACTORS FAILURE TO MAINTAIN OPERATION OF THE EXISTING IRRIGATION SYSTEM DURING THE COURSE OF CONSTRUCTION.

KEY NOTES

A. CONTRACTOR TO CLEAN UP EXISTING ASPHALT AFTER CONCLUSION OF CONSTRUCTION. REPAIR ANY DAMAGE THAT MIGHT HAVE OCCURRED AND APPLY A SEAL COAT TO EXISTING ASPHALT.

B. APPROXIMATE LOCATION OF TEMPORARY 6' TALL CONSTRUCTION FENCE. CLAMP INDIVIDUAL PANELS TOGETHER. PROVIDE LOCKABLE GATE.

C. EXISTING ORNAMENTAL STEEL FENCE AND BARBED WIRE FENCE LOCATED 4' FROM STEEL FENCE. PROTECT DURING CONSTRUCTION. REPAIR IF DAMAGED DURING CONSTRUCTION.

D. TEMPORARY 20' WIDE ACCESS GRAVEL ROAD, SEE CIVIL SHEETS FOR DETAIL

E. TEMPORARY GRAVEL PAD / LAY DOWN AREA / CONTRACTOR PARKING AREA, SITE VERIFY.

F. EXISTING 20' ORNAMENTAL STEEL GATE AND 20' BARBED WIRE GATE. PROTECT DURING CONSTRUCTION. REPAIR IF DAMAGED DURING CONSTRUCTION.

G. REMOVE 20' SEGMENTS OF BOTH THE ORNAMENTAL STEEL FENCE AND THE BARBED WIRE FENCE AND INSTALL 20' TEMPORARY LOCKABLE GATE. AFTER CONCLUSION OF CONSTRUCTION REMOVE TEMPORARY GATE AND RESTORE BOTH EXISTING FENCES TO ORIGINAL CONDITION.

H. SIDEWALK TO BE DEMOLISHED. LOCATION OF SIDEWALK SHOWN IS APPROXIMATE. FOR COMPLETE INFORMATION ON DEMOLITION AND INSTALLATION OF NEW SIDEWALK IN THIS AREA SEE CIVIL DRAWINGS.

J. APPROXIMATE LOCATION OF IRRIGATION PIVOT. DO NOT ENCROACH.

GRAVEL

SEAL COAT

LICENSED ARCHITECT AR-98339
JAMES WYATT STATE OF IDAHO
02-01-2023

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
990 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8785 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: CONTRACTOR ACCESS ROAD AND STAGING AREA PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.: 21023
DATE: DECEMBER 2022
DRAWN BY: KP
CHECKED BY: JHW

DRAWING NO.: G3.1

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Structures Building Safety
This is not a building permit

LAST SAVED: 10/25/2022 1:34 PM PRINTED: 3/31/2023 1:04 PM
J:\2081\06-078 JCC COTTAGES\C_DESN_CAD\3_DESIGN\D_PLANS-1000_GENERAL\C0.1 CIVIL SYMBOLS & LINE LEGEND.DWG

EXISTING TOPOGRAPHY

- 2460 — TOPOGRAPHIC CONTOUR
- EG — EG — EDGE OF GRAVEL
- EP — EP — EDGE OF PAVEMENT
- CURB & GUTTER, SIDEWALK & DROP INLET
- GENERIC GATE / SWING GATE — FENCE (BARBED WIRE OR OTHER WITH GATES)
- SLIDER GATE — FENCE (CHAINLINK WITH GATE)
- DITCH FLOWLINE
- TP-31 — TEST PIT
- SIGN
- BUILDING OR STRUCTURE

PROPERTY & CONTROL

- CP #203 — SURVEY CONTROL POINT
- BM-#1 — BENCHMARK
- FOUND BRASS CAP
- FOUND ALUMINUM CAP
- FOUND 5/8" STEEL PIN
- SET 5/8" STEEL PIN W/CAP
- FOUND 1/2" STEEL PIN
- SET 1/2" STEEL PIN W/CAP
- FOUND PK NAIL
- SET PK NAIL
- CALCULATED POINT
- WC — WITNESS CORNER
- EASEMENT - UTILITY
- EASEMENT - TEMPORARY
- EASEMENT - SETBACK
- PROJECT BOUNDARY
- P/L — P/L — PROPERTY LINES
- SECTION LINES
- R/W — R/W — PRESCRIPTIVE RIGHT OF WAY
- ROW — ROW — DEDICATED RIGHT OF WAY
- ( ) — DATA OF RECORD
- 6 / 7 — QUARTER SECTION - NOT FOUND
- 5 — CENTER SECTION
- 5 / 6 / 7 / 8 — SECTION CORNER - FOUND

EXISTING UTILITY

- 8"W — 8"W — WATERLINE & VALVE
- 12"SS> — 12"SS> — SANITARY SEWER LINE & MANHOLE
- <4"SS — <4"SS — SANITARY SEWER SERVICE & CLEANOUT
- PS — PS — PRESSURE SEWER LINE & VALVE VAULT
- 10"SD> — 10"SD> — STORM DRAIN LINE & MANHOLE
- 8"PI — 8"PI — 8"PI — PRESSURE IRRIGATION & VALVE
- GI — GI — GI — GRAVITY IRRIGATION & MANHOLE
- PP — OHP — OHP — OVERHEAD POWER LINE & POWER POLE
- UGP — UGP — UNDERGROUND POWER LINE
- SIGNAL POLE
- LIGHT POLE
- NG — NG — NG — NATURAL GAS LINE
- FO — FO — FO — FIBER OPTIC LINE
- TR — T — T — TELEPHONE LINE & RISER
- TV — CABLE — CABLE — CABLE LINE & RISER

PROPOSED GRADING

- 2457 — TOPOGRAPHIC CONTOUR
- RIDGELINE
- 1.50% — DRAINAGE ARROW & SLOPE
- +57.73 — SPOT ELEVATION
- SWALE FLOWLINE
- DAYLIGHT - CUT LINE
- DAYLIGHT - FILL LINE

PROPOSED MISCELLANEOUS

- CLEARING AND GRUBBING
- CONSTRUCTION PHASE LIMITS
- DEMOLITION/ABANDON

PROPOSED SITE

- BUILDING OR STRUCTURE
- CONCRETE
- ASPHALT
- GRAVEL SURFACE
- GRAVEL SECTION
- LANDSCAPE ROCK

PROPOSED SITE (CONT.)

- GENERIC GATE / SWING GATE / SLIDER GATE — FENCE (BARBED WIRE OR OTHER WITH GATES)
- FENCE (CHAINLINK WITH GATE)
- EP — EP — EDGE OF PAVEMENT
- EG — EG — EDGE OF GRAVEL
- SIGN
- 6" VERTICAL CURB, GUTTER, SIDEWALK & INLET
- 6" VERTICAL CUT CURB & GUTTER
- 6" REVERSE CURB & GUTTER
- 6" REVERSE CUT CURB & GUTTER
- IMBEDDED CURB

PROPOSED UTILITY

FITTING TYPES: FLANGED (F) / MECHANICAL JOINT (MJ)

- 8"W — BEND
- 8"W — 8"W — REDUCING TEE
- TEE
- REDUCER
- FLANGE TO MECHANICAL JOINT COUPLING
- CROSS
- CAP W/BLIND FLANGE
- CHECK VALVE
- GATE VALVE
- BUTTERFLY VALVE
- BLOW-OFF VALVE
- RESTRAINED FITTING
- WM — WATER SERVICE LINE & METER
- FIRE HYDRANT
- 8" FIRE — 8" FIRE — FIRE LINE
- 8"W — 8"W — WATERLINE
- MW — MONITORING WELL
- LOCATION WIRE BOX
- NON-FREEZE YARD HYDRANT
- 8"PI — PRESSURE IRRIGATION, TEE & GATE VALVE
- 2"PI — PRESSURE IRRIGATION SERVICE
- 8"GI< — 8"GI< — GRAVITY IRRIGATION & STRUCTURE

PROPOSED UTILITY (CONT.)

- 8"SS< — 8"SS< — SANITARY SEWER & MANHOLE
- 4"SS< — SANITARY SEWER SERVICE & CAP
- 4"SS< — 4"SS< — SANITARY SEWER SERVICE & CLEANOUT
- 8"PS< — 8"PS< — PRESSURE SEWER & VALVE VAULT
- 18"SD< — 15"SD< — STORM DRAIN LINE, INLET & CATCH BASIN
- 12"SD< — 12"SD< — STORM DRAIN LINE & MANHOLE W/ VENTED LID
- JOINT TRENCH IN PROFILE
- CABLE & TELEPHONE RISERS
- JT — DEVICE — JT — JOINT TRENCH & DEVICE
- JUNCTION BOX & DUCT BANK
- NG — GM — NG — NATURAL GAS LINE & METER
- NG — GR — NG — NATURAL GAS LINE & RISER
- NG — NG — NATURAL GAS LINE & VALVE
- UGP — UGP — UNDERGROUND POWER
- OHP — PP — OHP — OVERHEAD POWER & POLE
- LIGHT POLE
- T — T — TR — TELEPHONE LINE & RISER
- T — FO — FO — FIBER OPTIC LINE & VAULT
- T/D — T/D — TELEPHONE DATA LINE
- TV — CABLE — CABLE & TV RISER

PROFESSIONAL ENGINEER — LICENSED — Registered by — RILEY D. BRADSHAW — 17828 — 3/31/2023 — STATE OF IDAHO

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
199 SAN JOAQUIN BOULEVARD / P. O. BOX 2127 / IDAHO FALLS, IDAHO 83403-2127
(208) 522-1627 / FAX (208) 522-1647 / EMAIL: NBW@NBWARCHITECTS.COM

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE: CIVIL SYMBOLS & LINE LEGEND

PROJECT:

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C0.1

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Starker Idaho
Building Safety
This is not a building permit
The approval of these plans and specifications does not permit the violation of any section of the building code, city ordinance or planning and zoning regulation nor does it waive the requirement for any permit required for the construction, alteration or demolition of any building, structure or service equipment regulated by the building code.

GENERAL NOTES:

1. ALL NOTES SPECIFIED HEREIN ARE TO BE COMPLETED OR ADHERED TO BY THE CONTRACTOR, UNLESS SPECIFICALLY NOTED TO BE PERFORMED BY OTHER PARTIES.
2. THESE NOTES ARE INTENDED TO CLARIFY AND COMPLEMENT THE DRAWINGS, PROJECT SPECIFICATIONS, AND STANDARD SPECIFICATIONS. CONTRACTOR SHALL REPORT ANY CONFLICTS OR DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR RESOLUTION IMMEDIATELY UPON DISCOVERY.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) EXCEPT AS MODIFIED BY THE PROJECT SPECIFIC PLANS AND SPECIFICATIONS. THE CONTACTOR SHALL KEEP A COPY OF THE 2020 ISPWC, PROJECT PLANS AND SPECIFICATIONS, AND ALL DOCUMENTS MODIFYING THE WORK (CHANGE ORDERS, SUPPLEMENTAL INSTRUCTION, ETC.) ON THE JOBSITE AT ALL TIMES. A COPY OF THE ISPWC CAN BE OBTAINED AT: HTTPS://LHTAC.ORG/RESOURCES/ISPWC/
4. ALL EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE LOCATIONS. CONTRACTOR TO HIRE THE SERVICES OF A PRIVATE UTILITY LOCATOR POSSESSING BOTH GROUND PENETRATING RADAR AND ELECTROMAGNETIC LOCATING EQUIPMENT, TO VERIFY LOCATION OF UNDERGROUND UTILITIES. CONTRACTOR TO NONDESTRUCTIVELY POTHOLE UNDERGROUND UTILITIES AS NEEDED TO VERIFY SIZE OF PIPES, CONDUITS, ETC. BEFORE ORDERING MATERIALS. REPORT ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS TO THE ARCHITECT/ENGINEER.
5. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING OR CONSTRUCTED UTILITIES AND SHALL REPAIR DAMAGES IN ACCORDANCE WITH UTILITY OWNER'S REQUIREMENTS AT NO ADDITIONAL COST. CONTRACTOR IS RESPONSIBLE TO COORDINATE AND NOTIFY ALL AFFECTED UTILITY OWNERS. CALL DIG LINE AT 800-342-1585 PRIOR TO ANY EXCAVATION ACCORDING TO STATE LAW.
6. CONTRACTOR SHALL REMOVE ALL OBSTRUCTIONS, BOTH ABOVE AND BELOW GROUND, AS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT. THIS SHALL INCLUDE CLEARING AND GRUBBING WHICH CONSISTS OF CLEARING THE GROUND SURFACE OF ALL TREES, STUMPS, BRUSH, ROCK, UNDERGROWTH, VEGETATION, FENCES, STRUCTURES, DEBRIS, RUBBISH, AND SUCH MATERIAL WHICH, IN THE OPINION OF THE ENGINEER OR ARCHITECT, IS UNSUITABLE FOR THE FOUNDATION OF PAVEMENTS. TOPSOIL TO A MINIMUM DEPTH OF 12" SHALL BE REMOVED FROM ALL AREAS SCHEDULED FOR STRUCTURES, CONCRETE OR ASPHALT. TOPSOIL SHALL BE STOCKPILED SEPARATELY FROM OTHER EXCAVATED MATERIAL FOR PLACEMENT AT LANDSCAPING AREAS. ALL MATERIAL NOT SUITABLE FOR FUTURE USE ON SITE SHALL BE DISPOSED OF OFF SITE AT CONTRACTOR'S EXPENSE.
7. PROTECT ALL WORK CONSTRUCTED UNDER THESE PLANS UNTIL THE WORK IS ACCEPTED BY THE OWNER.
8. REFER TO THE PROJECT MANUAL FOR ADDITIONAL DIVISION 01 GENERAL REQUIREMENTS (SCHEDULE, SUBMITTALS, SURVEYING, TEMPORARY FACILITIES, CLOSEOUT PROCEDURES, ETC).
9. CONTRACTOR SHALL PROVIDE CONSTRUCTION TRAFFIC CONTROL AND DEVICES IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WHERE PERFORMANCE OF THE WORK IMPACTS PEDESTRIAN OR VEHICULAR TRAFFIC. TRAFFIC CONTROL MEASURES SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK.
10. OWNER WILL HIRE A CERTIFIED MATERIALS TESTING FIRM TO PROVIDE ALL TESTING NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THE ISPWC AND PROJECT SPECIFICATIONS UNLESS NOTED OTHERWISE. OWNER WILL DISTRIBUTE TESTING RESULTS TO ENGINEER, ARCHITECT, AND CONTRACTOR. ALL TESTING AND INSPECTION FOR THE PROJECT SHALL BE OBTAINED BY THE OWNER AT THE OWNER'S EXPENSE UNLESS NOTED OTHERWISE.
11. SERVICE OUTAGES FOR EXISTING UTILITIES MUST BE COORDINATE WITH AND APPROVED BY THE OWNER AND ARCHITECT/ENGINEER IN ADVANCE. CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR INSTALLATION OF NEW SEWER INFRASTRUCTURE AND ASSOCIATED SERVICE OUTAGES. CONTRACTOR SHALL PROVIDE BY-PASS PUMPING AT NO ADDITIONAL COST IF NECESSARY TO PREVENT SERVICE OUTAGES GREATER THAN 24 HOURS.
12. PROVIDE UTILITY SUPPORT AT ALL TRENCH CROSSINGS AT NO ADDITIONAL COST TO THE OWNER. NOTIFY ARCHITECT/ENGINEER IF UTILITIES MARKED BY DIG LINE OR FIELD VERIFIED WILL CAUSE MODIFICATION TO THE DESIGN.
13. ALL MISCELLANEOUS STRUCTURES SUCH AS FENCES, MAILBOXES, SIGNS, IRRIGATION AND DRAINAGE FACILITIES, SIGNS, UTILITY POLES, LINE AND APPURTENANCES WHEN NECESSARY TO BE REMOVED OR DISTURBED, SHALL BE REPLACED OR RECONSTRUCTED TO BETTER THAN OR EQUAL THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
14. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY WHICH APPLY TO THE WORK PERFORMED. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL OTHER PARTIES VISITING THE PROJECT SITE OF REQUIRED SAFETY PROCEDERES TO BE FOLLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES, AND CONTROL OF TRAFFIC WITHIN THE PROJECT AREA.
15. WHERE "ARCHITECT/ENGINEER" IS USED IN THESE NOTES, BOTH THE ARCHITECT AND ENGINEER ARE TO BE INCLUDED IN APPROVALS, DOCUMENTATION, REPORTING, CLARIFICATIONS, ETC.

SANITARY SEWER:

1. INSTALL SANITARY SEWER SERVICE IN ACCORDANCE WITH ISPWC DIVISION 500 AND THE STATE-ADOPTED PLUMBING CODE.
2. SEWER MAIN AND SERVICE PIPING SHALL BE SDR-35 PVC PER ISPWC.
3. UTILIZE CLASS A-1 BEDDING SYSTEM FOR SEWER MAIN LINE AND CLASS A-1 OR B-2 BEDDING SYSTEM FOR SEWER SERVICES PER ISPWC SECTION 305 AND SD-301 AND SD-302.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING REQUIRED BY ISPWC SECTION 501.3.4.
5. SUPPLY ALL MATERIALS NECESSARY TO RAISE MANHOLES AND CLEAN-OUTS TO FINISH GRADE AND RE-MOBILIZE TO RAISE MANHOLES FRAME AND CLEAN-OUTS TO GRADE AND INSTALL CONCRETE COLLARS AFTER PAVING.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP):

1. IF THE TOTAL COMBINED DISTURBED AREA BETWEEN ALL AREAS SELECTED TO PROCEED WITH CONSTRUCTION WILL BE LARGER THAN 1 ACRE, CONTRACTOR SHALL CREATE, SUBMIT, AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) DRAWING AND NARRATIVE, FILING OF THE NOTICE OF INTENT (NOI), AND FILING OF THE NOTICE OF TERMINATION (NOT). CONTRACTOR SHALL COORDINATE WITH IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY (IDEQ) TO FILE SWPPP, NOI, AND NOT AND OBTAIN NECESSARY STORMWATER DISCHARGE PERMITS.
2. THE SWPPP SHALL BE PREPARED BY A PLAN DESIGNER EXPERIENCED IN SWPPP PREPARATION AND EXECUTED AND MAINTAINED BY THE CONTRACTOR OR ITS SUBCONTRACTOR(S).
3. THE CONSTRUCTION GENERAL PERMIT (CGP) AND INSTRUCTIONS FOR COMPLETING THE NOI AND NOT FORMS CAN BE FOUND ON THE IDEQ WEBSITE: HTTPS://WWW.DEQ.IDAHO.GOV/WATER-QUALITY/WASTEWATER/STORM-WATER/. ADDITIONAL RESOURCES CAN BE FOUND AT THE EPA WEBSITE: HTTP://WWW.EPA.GOV/NPDES/STORMWATER/CGP., THE SWPPP SHALL BE PREPARED AND SUBMITTED TO THE ARCHITECT/ENGINEER FOR COMMENT PRIOR TO THE FILING OF THE NOI. PRIOR TO FILING THE NOT, THE CONDITIONS LISTED IN PART 5 OF THE CGP SHALL BE MET.
4. ONCE A SWPPP HAS BEEN PREPARED, THE CONTRACTOR AND THE OWNER WILL BOTH BE REQUIRED TO SUBMIT AN ELECTRONIC NOI TO IDEQ ON THE WEBSITE LISTED ABOVE.
5. COMPLY WITH ANY IDEQ REQUIREMENTS FOR PUBLIC NOTICE OR REVIEW PERIODS BEFORE THE SWPPP IS CONSIDERED APPROVED AND CONSTRUCTION ALLOWED TO COMMENCE.
6. PRIOR TO STARTING CONSTRUCTION, THE SWPPP MUST BE IMPLEMENTED. NO CONSTRUCTION ACTIVITY OR LAND DISTURBING ACTIVITY WILL BE ALLOWED TO COMMENCE UNTIL THE SWPPP PLAN HAS FULLY BEEN IMPLEMENTED.
7. CONTRACTOR IS RESPONSIBLE TO INSTALL, MAINTAIN, AND REMOVE ALL BEST MANAGEMENT PRACTICES (BMPS) AND FOR ALL DOCUMENTATION REQUIRED TO KEEP THE SWPPP CURRENT.
8. BMPS FOR CONTROLLING POLLUTANT TRANSPORT FROM THE CONSTRUCTION SITE CAN BE FOUND IN A NUMBER OF PUBLICATIONS INCLUDING, BUT NOT LIMITED TO:
   a. IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY, CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES FOR IDAHO CITIES AND COUNTIES: PHONE: (208) 373-0502 OR ON THE INTERNET: HTTP://WWW.DEQ.STATE.ID.US/WATER/STORMWATER_CATALOG/INDEX.ASP
   b. UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION 10: (800) 424-4372 OR ON THE INTERNET AT: WWW.EPA.GOV/R10EARTH/STORMWATER.HTM
   c. IDAHO TRANSPORTATION DEPARTMENT, EROSION AND SEDIMENT CONTROL MANUAL, PHONE: (208) 334-8476

ASPHALT AND EXTERIOR CONCRETE

1. ALL UTILITIES, INCLUDING SERVICE LINES WITHIN TRAVEL WAYS, SHALL BE IN PLACE PRIOR TO CURB, GUTTER, SIDEWALK, AND STREET CONSTRUCTION.
2. SUBBASE - CONSTRUCT SUBBASE WITH 3" MINUS UNCRUSHED AGGREGATE (ISPWC SECTION 801.2.2, TABLE 1) IN 6" MAXIMUM LOOSE LIFTS. MOISTURE CONDITION AND COMPACT TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR, ASTM D1557. CONSTRUCT TO THE ELEVATIONS SHOWN.
3. BASE - CONSTRUCT BASE WITH 3/4" CRUSHED AGGREGATE, TYPE 1 (ISPWC SECTION 802.2.2, TABLE 1) IN 6" MAXIMUM LOOSE LIFTS. MOISTURE CONDITION AND COMPACT TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR, ASTM D1557. CONSTRUCT TO THE ELEVATIONS SHOWN.
4. PLANT MIX PAVEMENT - SUPPLY SUPERPAVE HOT ASPHALT PLANT MIX MEETING THE REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT, 1/2" SP 3, PG 64-28. PROVIDE CLEAN, SAW-CUT EDGES AT EXISTING ASPHALT TO BE PAVED AGAINST AND TACK COAT EDGES WITH CSS-1 DILUTED EMULSION. PLACE TO THE THICKNESS IDENTIFIED FOR EACH PAVING AREA. MAXIMUM LIFT THICKNESS SHALL NOT EXCEED 3 INCHES. SUBMIT JOB MIX FORMULA AND ITD APPROVAL LETTER OF PREVIOUSLY APPROVED MIX DESIGN. PREPARE A SUBMITTAL THAT INCLUDES:
   a. THE ORIGINAL APPROVED MIX DESIGN THAT INCLUDES THE CONFIRMED JMF FROM THE PREVIOUS PROJECT;
   b. ADJUSTMENTS MADE TO THE JMF THAT MAKE IT THE C-JMF;
   c. ADJUSTMENTS MADE TO THE C-JMF DURING PRODUCTION;
   d. DOCUMENTATION SUPPORTING THESE ADJUSTMENTS.
   e. CURRENT STOCKPILE QUALITY CONTROL TESTING THAT INCLUDES THE FOLLOWING TO CONFIRM THE MATERIAL IN STOCKPILE IS SIMILAR TO THE MATERIAL USED FOR THE ORIGINAL MIX DESIGN, INCLUDING RAP:
   f. SIEVE ANALYSIS ON THE STOCKPILES TO BE USED, INCLUDING CRUSHER CONTROL CHARTS;
   g. NOTE: PREVIOUSLY USED MIX DESIGNS THAT ARE USED DURING THE CALENDAR YEAR OF CONFIRMATION MAY OMIT STEP E IF THE STOCKPILES CONSIST OF THE CRUSHED MATERIAL, INCLUDING RAP, FROM THE ORIGINAL MIX DESIGN. PREVIOUSLY USED MIX DESIGNS THAT MORE THAN ONE CALENDAR YEAR HAS ELAPSED FROM THE TIME OF CONFIRMATION MUST INCLUDE STEP E.
   h. JMF WITH A CONTENT OF MORE THAN 30% RECYCLE ASPHALT PAVEMENT (RAP) WILL NOT BE ACCEPTED, REGARDLESS OF PRIOR ITD APPROVAL.
5. SEAL COAT – SEAL COAT SHALL BE CLASS 5 PER ISPWC 808.2.2 AND SHALL UTILIZE PG 64-28 GRADE ASPHALT.
6. SEE ISPWC DIVISION 700 FOR EXTERIOR CONCRETE REQUIREMENTS, EXCEPT AS MODIFIED BY PROJECT SPECIFICATIONS. SEE CIVIL DETAILS FOR DIRECTION ON EXPANSION AND CONTROL JOINT PLACEMENT.

DEMOLITION:

1. PROTECT ADJACENT AREAS WITH SUITABLE COVERINGS WHEN NECESSARY TO PREVENT DAMAGE TO STRUCTURES, LANDSCAPE, OR FACILITIES TO REMAIN, INCLUDING EXISTING CONCRETE AND ASPHALT SURFACES.
2. ASBESTOS – ASBESTOS IN STRUCTURES TO BE DEMOLISHED HAS BEEN MITIGATED BY THE OWNER PRIOR TO THIS PROJECT. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER AND ARCHITECT IF EVIDENCE OF ASBESTOS IS ENCOUNTERED.
3. LEAD INSPECTION – CONDUCT A LEAD INSPECTION PRIOR TO REMOVAL OF LEAD-CONTAINING COMPONENTS WHERE PAINT HAS BEEN APPLIED. DETERMINE IF MATERIALS GENERATED DURING CONSTRUCTION AND DEMOLITION ARE HAZARDOUS WASTES. THIS DETERMINATION CAN BE MADE BY REPRESENTATIVE SAMPLING OR BY APPLYING VERIFIABLE HISTORICAL KNOWLEDGE OF THE MATERIALS IN QUESTION. THE MOST TYPICAL CONTAMINANTS ARE LEAD AND OTHER HEAVY METALS. DEMOLITION RELATED WASTE CATEGORIES TYPICALLY INCLUDE:
   a. PAINT RESIDUE – PAINT CHIPS, PAINT SCRAPINGS, AND CONTAMINATED BLAST RESIDUE FROM BUILDING DEMOLITION PROJECTS
   b. DEMOLITION DEBRIS – METAL AND BOARDS THAT HAVE BEEN PAINTED WITH LEAD BASED OR OTHER HEAVY METAL BASED PAINT.
   c. SCRAP METAL – METAL OBJECTS THAT CONTAIN LEAD OR OTHER HEAVY METALS EITHER AS METAL OR IN THE FORM OF COATINGS.
4. REMOVAL OF LEAD COMPONENTS – ADHERE TO THE OSHA LEAD IN CONSTRUCTION STANDARD 29 CFR1926.62 DURING THE REMOVAL OF COMPONENTS CONTAINING ANY DETECTABLE AMOUNTS OF LEAD.
   a. BE RESPONSIBLE FOR CONDUCTING EMPLOYEE EXPOSURE MONITORING AND TRAINING AND PROVIDING EMPLOYEES WITH RESPIRATORS AND OTHER PERSONAL PROTECTIVE EQUIPMENT DURING EXPOSURE MONITORING AS DEFINED BY THE STANDARD. NEGATIVE EXPOSURE DATA COLLECTED WITHIN TWELVE MONTHS OF THE DEMOLITION WORK AND DURING SIMILAR WORK CONDITIONS, LEAD-CONTAINING MATERIAL, AND LEAD CONTENT MAY BE USED TO SUBSTANTIATE NO EXPOSURE TO EMPLOYEES AND BUILDING OCCUPANTS.
   b. IMPLEMENT HEALTH AND SAFETY MEASURES REQUIRED BY THE STANDARD IF AIRBORNE LEAD CONCENTRATIONS EQUAL OR EXCEED THE ACTION LEVEL 30 µG/M3.
   c. ENSURE AIRBORNE LEAD CONCENTRATIONS DO NOT EXCEED THE PERMISSIBLE EXPOSURE LIMIT (PEL) OF 50 µG/M3. IF CONCENTRATIONS EXCEED THE PEL, ENGINEERING CONTROLS SUCH AS LOCAL EXHAUST OR MECHANICAL VENTILATION SHALL BE UTILIZED.
   d. IN AREAS OF PEELING LEAD-CONTAINING PAINT, WET SCRAPING OR AN APPROVED ALTERNATE CONTROL MEASURE SHALL BE USED TO REMOVE THE CHIPS. THE REMAINING SURFACE SHALL BE STABILIZED WITH A PAINT ENCAPSULATING COATING.
   e. LEAD CONTAINING PAINTED STEEL THAT MUST BE REMOVED WITH SAWS OR TORCHES MUST BE LEAD ABATED PRIOR TO REMOVAL.
   f. FOR WORK CONDUCTED WITHIN OR NEAR OCCUPIED BUILDINGS, PROTECT THE BUILDING OCCUPANTS BY SEALING SHARED AIR SUPPLY AND EXHAUST VENTS, CONSTRUCTING RIGID BARRIERS, IMPLEMENTING DUST CONTROL METHODS, AND CREATING NEGATIVE PRESSURE WITHIN THE WORK AREA.
   g. PREVENT WASTEWATER CONTAINING PAINT CHIPS FROM ENTERING CANALS, DITCHES OR WATER WAYS.
5. DISPOSAL OF LEAD CONTAINING COMPONENTS
   a. PAINT RESIDUE – UNLESS THERE IS SUFFICIENT HISTORICAL KNOWLEDGE OF TYPES OF PAINT AND WHETHER OR NOT THEY CONTAINED HEAVY METALS TO MAKE AN ACCURATE DETERMINATION THAT THE RESIDUE IS EITHER HAZARDOUS OR NON-HAZARDOUS, PAINT RESIDUE MUST BE LABORATORY TESTED BEFORE DISPOSAL. THE APPROPRIATE TEST METHOD IS THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP), EPA METHOD 1311, REFERENCED IN THE CODE OF FEDERAL REGULATIONS, TITLE 40, PART 261(40 CFR 261). THE TEST MUST INCLUDE THE EIGHT METALS NOTED IN 40 CFR PART 261.24 (ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM AND SILVER).
   b. DEMOLITION DEBRIS – WHILE IT IS UNLIKELY THAT A REPRESENTATIVE SAMPLE OF THE DEBRIS WOULD FAIL THE TCLP MENTIONED ABOVE, ALL SOLID WASTES MUST RECEIVE A HAZARDOUS WASTE DETERMINATION WHEN GENERATED. IF THE CONTRACTOR'S KNOWLEDGE OF THE MATERIAL IS INSUFFICIENT TO MAKE AN ACCURATE HAZARDOUS WASTE DETERMINATION, THEN TESTING OF THE DEBRIS IS REQUIRED. DEMOLITION DEBRIS SHOULD NOT BE CHIPPED, SHREDDED, MILLED, GROUND, MULCHED OR SIMILARLY PROCESSED THAT WOULD INCREASE THEIR LEACHABILITY PRIOR TO DISPOSAL.
   c. SCRAP METAL – WHEN SCRAP METALS ARE SENT TO A SALVAGE YARD FOR RECYCLING HAS A MATERIAL CONTAINING HAZARDOUS SUBSTANCES, IT IS NOT NECESSARY TO MAKE A HAZARDOUS WASTE DETERMINATION ON THOSE MATERIALS. IF SUCH DISPOSAL IS NOT POSSIBLE, THE METAL WOULD ALSO BE SUBJECT TO A HAZARDOUS WASTE DETERMINATION AS DESCRIBED ABOVE.
6. HAZARDOUS WASTES, INCLUDING LEAD, MUST BE MANAGED WHILE ONSITE, TRANSPORTED AND DISPOSED ACCORDING TO STATE AND FEDERAL LAWS AND REGULATIONS. THIS MAY REQUIRE THE CONTRACTOR TO SEND PAINT RESIDUE, DEMOLITION DEBRIS OR SCRAP METAL TO A PERMITTED HAZARDOUS WASTE DISPOSAL FACILITY AND ASSURE SPECIFIC WASTES ARE MANAGED IN COMPLIANCE WITH THOSE REGULATIONS. IF LABORATORY ANALYSIS SHOW PAINT RESIDUE IS NONHAZARDOUS, IT MUST BE DISPOSED AT A SANITARY LANDFILL AS SPECIAL WASTE. PAINT RESIDUE MAY NOT BE DISPOSED IN A DEMOLITION WASTE LANDFILL.

DEWATERING:

1. CONTRACTOR IS ADVISED THAT THE PROJECT AREA MAY EXPERIENCE HIGH GROUNDWATER. GROUNDWATER LEVELS HAVE NOT BEEN DIRECTLY MONITORED IN PREVIOUS YEARS. SEE PROJECT GEOTECHNICAL REPORT FOR OBSERVATIONS REGARDING POTENTIAL GROUNDWATER LEVELS. OWNER REPORTS THAT GROUNDWATER LEVELS HAVE HISTORICALLY BEEN HIGHEST DURING THE SUMMER IRRIGATION SEASON AND LOWEST IN EARLY SPRING BEFORE CANALS HAVE BEEN FILLED. PIEZOMETERS INSTALLED BY THE GEOTECHNICAL ENGINEER MAY BE UTILIZED BY THE CONTRACTOR DURING CONSTRUCTION TO MONITOR CHANGES TO GROUNDWATER LEVEL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEWATERING EFFORTS TO FACILITATE PROPER CONSTRUCTION OF THE PROJECT AND MAINTAIN A GROUNDWATER LEVEL BELOW DEPTH OF IMPROVEMENTS OR AS NOTED IN THE PLANS AND SPECIFICATIONS. WHERE POSSIBLE, CONSTRUCTION SCHEDULE SHOULD TAKE SEASONAL GROUNDWATER INTO ACCOUNT AND AVOID PERIODS OF HIGH GROUNDWATER WHEN EXCAVATING.
3. CONTRACTOR TO OBTAIN A SHORT-TERM ACTIVITY EXEMPTION PERMIT FROM THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY FOR DISCHARGE OF GROUNDWATER FOR THE DURATION OF DEWATER ACTIVITIES.

SUBGRADE PREPARATION:

1. IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER OR REPRESENTATIVE, PREPARE THE SUBGRADE BY THOROUGHLY PROOFROLLING WITH A LOADED TANDEM-AXLE DUMP TRUCK WITH A MINIMUM WEIGHT OF 20 TONS, OR 40-TON STATIC ROLLER. OBTAIN THE GEOTECHNICAL ENGINEER'S APPROVAL PRIOR TO PROCEEDING.
2. IN AREAS WHERE SOFT OR DISTURBED CONDITIONS ARE IDENTIFIED, EXCAVATE, REMOVE AND DISPOSE OF UNSUITABLE SOFT SPOT MATERIAL. IF THE MATERIAL IS SUITABLE EXCEPT FOR EXCESSIVE MOISTURE CONTENT, SCARIFY AND DRY THE MATERIAL TO THE ACCEPTABLE MOISTURE CONTENT, OR REPLACE WITH ENGINEER-APPROVED MATERIALS, AND RECOMPACT TO THE DENSITY OF THE MATERIAL TO PLACE OVER THE AREA. SOFT SPOT REPAIR SHALL BE INCIDENTAL TO THE WORK. NO SPECIAL PAYMENT WILL BE MADE FOR SOFT SPOT REPAIR.
3. GEOTECHNICAL ENGINEER TO SUBMIT A SUBGRADE INSPECTION REPORT NOTING THE MEANS AND METHODS USED TO PROOFROLL THE SUBGRADE AND ANY CORRECTIONS OR REPAIRS MADE.

EXISTING SURVEY MONUMENTS:

1. REFERENCE ALL PUBLIC AND PRIVATE LAND SURVEY MONUMENTS THAT WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES PRIOR TO DISTURBING. REESTABLISH SUCH MONUMENTS AS PART OF THE SURVEY WORK FOR THIS PROJECT BEFORE PROJECT COMPLETION.
2. SECTION CORNER AND QUARTER CORNER MONUMENTS RESET AFTER CONSTRUCTION SHALL INCLUDE CORNER PERPETUATIONS AND FILING WITH THE COUNTY. SIXTEENTH CORNERS THAT ARE DISTURBED AND RESET AND HAVE EXISTING CORNER PERPETUATION FILED WITH THE COUNTY SHALL HAVE NEW PERPETUATION RECORDS FILED AFTER THE CORNER HAS BEEN RESET.
3. PERFORM ALL MONUMENT WORK IN ACCORDANCE WITH TITLE 55, CHAPTER 16 OF THE IDAHO STATE CODE.
4. PERFORM ALL CORNER REESTABLISHMENT AND CORNER PERPETUATION FILING WORK IN ACCORDANCE WITH STANDARD SURVEYING PRACTICES UNDER THE RESPONSIBLE CHARGE OF A PROFESSIONAL LAND SURVEYOR DULY AND PROPERLY REGISTERED IN THE STATE OF IDAHO.

LANDSCAPING AND IRRIGATION:

1. CONTRACTOR SHALL PROVIDE INTERIM IRRIGATION FOR REMAINING LANDSCAPE FEATURES DURING CONSTRUCTION IN AREAS WHERE IRRIGATION SYSTEMS ARE DISRUPTED. CONTRACTOR SHALL REPLACE ANY VEGITATION THAT DIES OR IS SIGNFICANTLY DAMAGED DUE TO LACK OF WATER RESULTING FROM ITS FAILURE TO PROVIDE ADEQUATE INTERIM IRRIGATION.
2. THE CONTRACT DOCUMENTS ESTABLISH AN IRRIGATION ALLOWANCE THAT IS TO BE UTILIZED BY THE CONTRACTOR TO PROVIDE A LICENSED LANDSCAPE SUBCONTRACTOR WHO SHALL REPAIR, REROUTE, REDESIGN, AND REBUILD THE EXISTING IRRIGATION SYSTEMS THAT WILL BE DISTURBED BY THE PROJECT. IRRIGATION COMPONENTS SHOWN IN PROJECT LANDSCAPE SHEETS (CONSISTING OF IRRIGATION CONNECTIONS TO NEW COTTAGES, BACKFLOW PREVENTER, AND DRIP IRRIGATION IN ROCK BORDER AROUND THE BUILDING) SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND ARE NOT ELIGIBLE FOR THE IRRIGATION ALLOWANCE.
3. PRIOR TO CONSTRUCTION, LANDSCAPE SUBCONTRACTOR SHALL INVESTIGATE AND MAP EXISTING IRRIGATION SYSTEMS, DETERMINE CONSTRUCTION IMPACTS, AND PROPOSE A PLAN FOR RESTORING IRRIGATION SYSTEMS TO EQUAL OR BETTER CONDITION POST-PROJECT. THIS PLAN SHALL INCLUDE AN ESTIMATE OF COST TO PERFORM PROPOSED IMPROVEMENTS. IRRIGATION RESTORATION PLAN AND BUDGET SHALL BE APPROVED BY THE OWNER PRIOR TO COMMENCMENT OF THE WORK.

POTABLE WATER:

1. CONSTRUCT WATER MAIN AND SERVICE IMPROVEMENTS TO ISPWC DIVISION 400.
2. WATER LINES OF ANY SIZE SHALL HAVE A MINIMUM COVER DEPTH OF 5 FEET FROM THE FINISHED SURFACE ELEVATION.
3. A LICENSED FIRE SPRINKLER CONTRACTOR IS REQUIRED TO INSTALL THE FIRE SERVICE LINE. FIRE SERVICE LINE TO BE INSTALLED TO INTERNATIONAL FIRE CODE.
4. ALL TEES, PLUGS, CAPS, AND BENDS OF 11-1/4° AND GREATER AND AT OTHER LOCATIONS WHERE UNBALANCED FORCES WILL EXIST SHALL BE SECURED AND ANCHORED BY SUITABLE THRUST BLOCKING, RE: ISPWC SD-403.
5. TYPE A-I PIPE BEDDING SHALL BE USED ON ALL WATER MAINS. SERVICE LINES MAY UTILIZE TYPE A-1 OR B-2 BEDDING SYSTEMS. BEDDING SHALL BE PLACED TO DEPTH PER ISPWC SD-302.
6. ALL WATER PIPES, FITTINGS, AND ITEMS IN CONTACT WITH POTABLE WATER SHALL MEET ANSI/NSF 61.
7. SEPARATION OF POTABLE AND NON-POTABLE WATER LINES SHALL MEET THE REQUIREMENTS OF STATE CODE (IDAPA 58.01.08.542.07) AND ISPWC SD-407.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING REQUIRED BY ISPWC SECTION 401.3.

PROFESSIONAL ENGINEER — LICENSED — Registered by — 17828 — 3/31/2023 — STATE OF IDAHO — RILEY D. BRADSHAW

KELLER ASSOCIATES

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: CIVIL GENERAL NOTES

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: JLP
CHECKED BY: RDB

DRAWING NO.: C0.2

J:\2081\06-078 JCC COTTAGES\C_DESN_CAD\3_DESIGN\D_PLANS-1\000_GENERAL\C0.2 CIVIL GENERAL NOTES.DWG LAST SAVED: 11/3/2022 1:28 PM PRINTED: 3/31/2023 1:04 PM

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Structure Building Safety
This is not a building permit

PRINTED: 3/31/2023 1:04 PM
LAST SAVED: 2/1/2023 8:40 AM
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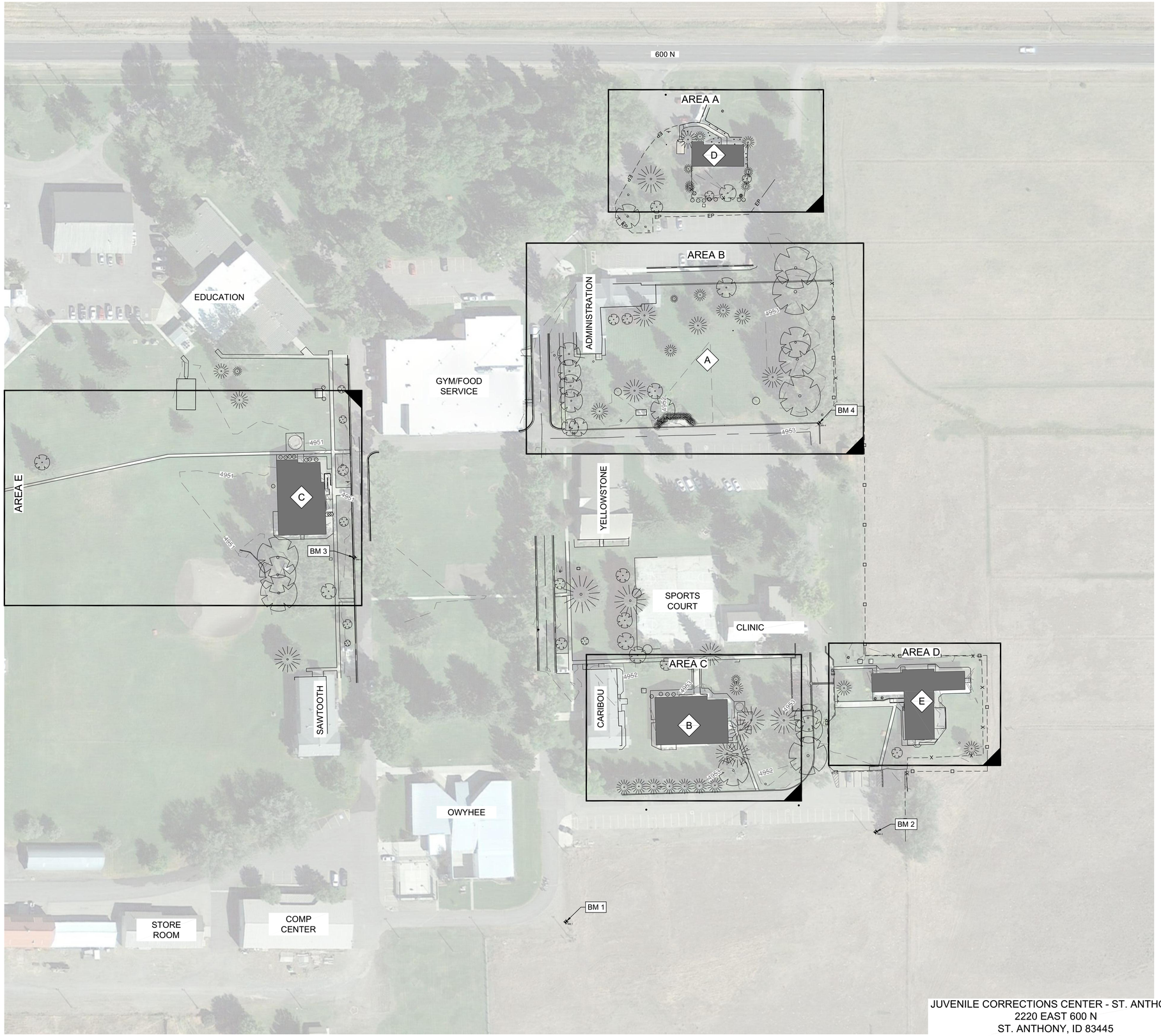

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GENERAL SHEET NOTES

1. UTILITIES ARE SHOWN IN A CONCEPTUAL MANNER ONLY IN THOSE AREA'S BEING CONSIDERED FOR IMPROVEMENTS (TARGHEE, CENTENNIAL, AREA SOUTH OF YELLOWSTONE, AND AREA SOUTHEAST OF ADMINISTRATION). CONTRACTOR TO POTHOLE EXISTING UTILITIES IN A NON-DESTRUCTIVE MANNER TO VERIFY LOCATION & DEPTH.
2. INFORMATION SHOWN WAS COMPILED FROM AVAILABLE UTILITY MAPPING AND FIELD SURVEY. CONTRACTOR TO CALL IDAHO DIGLINE FOR UTILITY LOCATES PRIOR TO CONSTRUCTION AND WILL BE RESPONSIBLE FOR ANY ADDITIONAL LOCATING EFFORTS NEEDED TO AVOID DAMAGE TO UTILITIES. CONTACT THE ENGINEER WITH ANY DISCREPANCY BETWEEN SITE CONDITIONS AND PROJECT PLANS.
3. AREA SHOWN IN THIS SHEET FALLS ENTIRELY WITHIN PROPERTY BOUNDARIES SHOWN IN COUNTY ONLINE PARCEL MAPPING.

BUILDING DESIGNATOR

- A - BITTERROOT COTTAGE (N)
- B - TARGHEE COTTAGE (N)
- C - CENTENNIAL COTTAGE (N)
- D - SUPERINTENDENT RESIDENCE (DEMOLISH)
- E - BITTERROOT COTTAGE (DEMOLISH)

BENCH MARKS

BENCH MARK #1 (BM #1) ALUMINUM CAP MARKED FORSGREN ASSOC.
N = 838978.01
E = 775400.27
EL = 4951.74'

BENCH MARK #2 (BM #2) 5/8" IRON ROD CAP
N = 839095.89
E = 775806.67
EL = 4952.93'

BENCH MARK #3 (BM #3) PK NAIL
N = 839631.86
E = 775732.17
EL = 4952.96'

BENCH MARK #4 (BM #4) PK NAIL
N = 839455.71
E = 775122.91
EL = 4950.32'

JUVENILE CORRECTIONS CENTER - ST. ANTHONY
2220 EAST 600 N
ST. ANTHONY, ID 83445
PARCEL #RP07N40E02JC00

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
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OFFICE 208.522.8110 / FAX 208.522.8181 / EMAIL nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
OVERALL PLAN & PROJECT CONTROL

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:
C0.3

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Approved
Bonneville County
Building Safety
This is not a building permit

1a

600 N

LOOKING SOUTH

LOOKING SOUTH EAST

LOOKING EAST

0 10 20

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. RELEVANT CODES AND SPECIFICATIONS: 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND 2018 INTERNATIONAL BUILDING CODE.
5. RETAIN AND PROTECT TREES AND SHRUBS. IF TREES OR SHRUBS NEED TO BE REMOVED NOTIFY THE ENGINEER PRIOR TO ANY REMOVAL WORK. DO NOT REMOVE TREES OR SHRUBS UNTIL RECEIVING ENGINEER APPROVAL.
6. NO DEMOLITION WORK SHALL BEGIN ON ANY STRUCTURE UNTIL ASBESTOS AND LEAD TESTING, DOCUMENTATION AND REMEDIATION (IF NECESSARY) PROCCESSES ARE COMPLETE. SUBMIT PROOF OF COMPLETION OF THESE ITEMS TO THE ENGINEER PRIOR TO BEGINNING ANY DEMOLITION WORK. SEE SHEET C.02 - CIVIL GENERAL NOTES FOR MORE INFORMATION.

SHEET KEYNOTES

01 NOT USED

02 REMOVE EXISTING SIDEWALK

03 DEMOLISH STRUCTURE, INCLUDING FOUNDATION. REMOVE & DISPOSE OF DEBRIS.

04 REPAIR LANDSCAPE & IRRIGATION IN ALL DISTURBED AREA'S

05 REMOVE FENCE

06 PLUG UPSTREAM INVERT WITH CLASS 3000 CONCRETE PER ISPWC SECTION 703 & ABANDON UPSTREAM LINE IN PLACE

07 DISCONNECT ELECTRICAL & FIBER SERVICE

08 NOT USED

09 CLOSE VALVE & CAP WATERLINE TO SUPERINTENDENT RESIDENCE

10 INSTALL TEMPORARY 6 FT TALL CHAINLINK CONSTRUCTION FENCE WITH LOCKABLE GATE. LOCATION SHOWN IS APPROXIMATE.

11 RETAIN & PROTECT EXISTING UTILITIES

12 RETAIN & PROTECT EXISTING MANHOLE.

13 AFTER DEMOLITION, PLACE & COMPACT CLEAN FILL AS NECESSARY TO BRING TO SURROUNDING GRADE. FINISH WITH 2" OF TOPSOIL. INSTALL SPRINKLER SYSTEM & SOD.

BUILDING DESIGNATOR

D - SUPERINTENDENT RESIDENCE (DEMOLISH)

LEGEND

-- CONCRETE BEING DEMOLISHED

-- STRUCTURES BEING DEMOLISHED

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

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OFFICE 208.522.8110 / FAX 208.522.8181 / WWW.NBWARCHITECTS.COM

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
BASE BID AREA 'A' DEMOLITION PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:
C1.1

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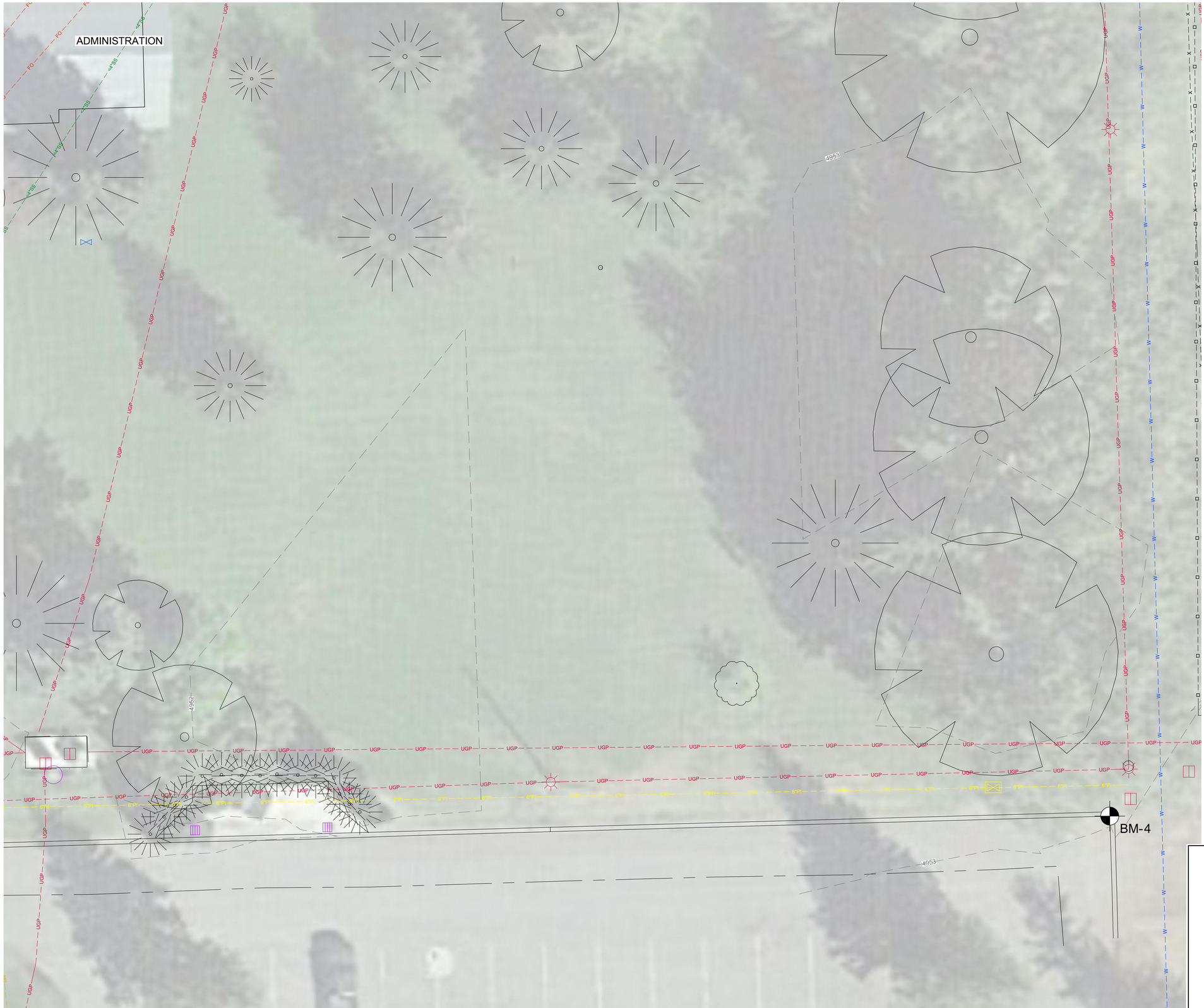
Approved
Structure Only
Idaho Building Safety
idahobuildingsafety.com
This approval is for the structure only. Site utilities, grading, and other site improvements are not approved by this stamp. Approval of this plan does not authorize the violation of any law, ordinance, regulation, or rule. Approval is based on the 2018 International Codes, as amended.
This is not a building permit



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GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.

PROFESSIONAL ENGINEER
LICENSED
17888
3/31/2023
STATE OF IDAHO
RILEY D. BRADSHAW

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
990 2ND STREET/PO BOX 2317/IDAHO FALLS, IDAHO 83403-2317
OFFICE 208.522.8111 FAX 208.522.8181 nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
BASE BID AREA 'B' EXISTING CONDITIONS & PROJECT CONTROL

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
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DECEMBER 2022
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JLP
CHECKED BY:
RDB

DRAWING NO.:
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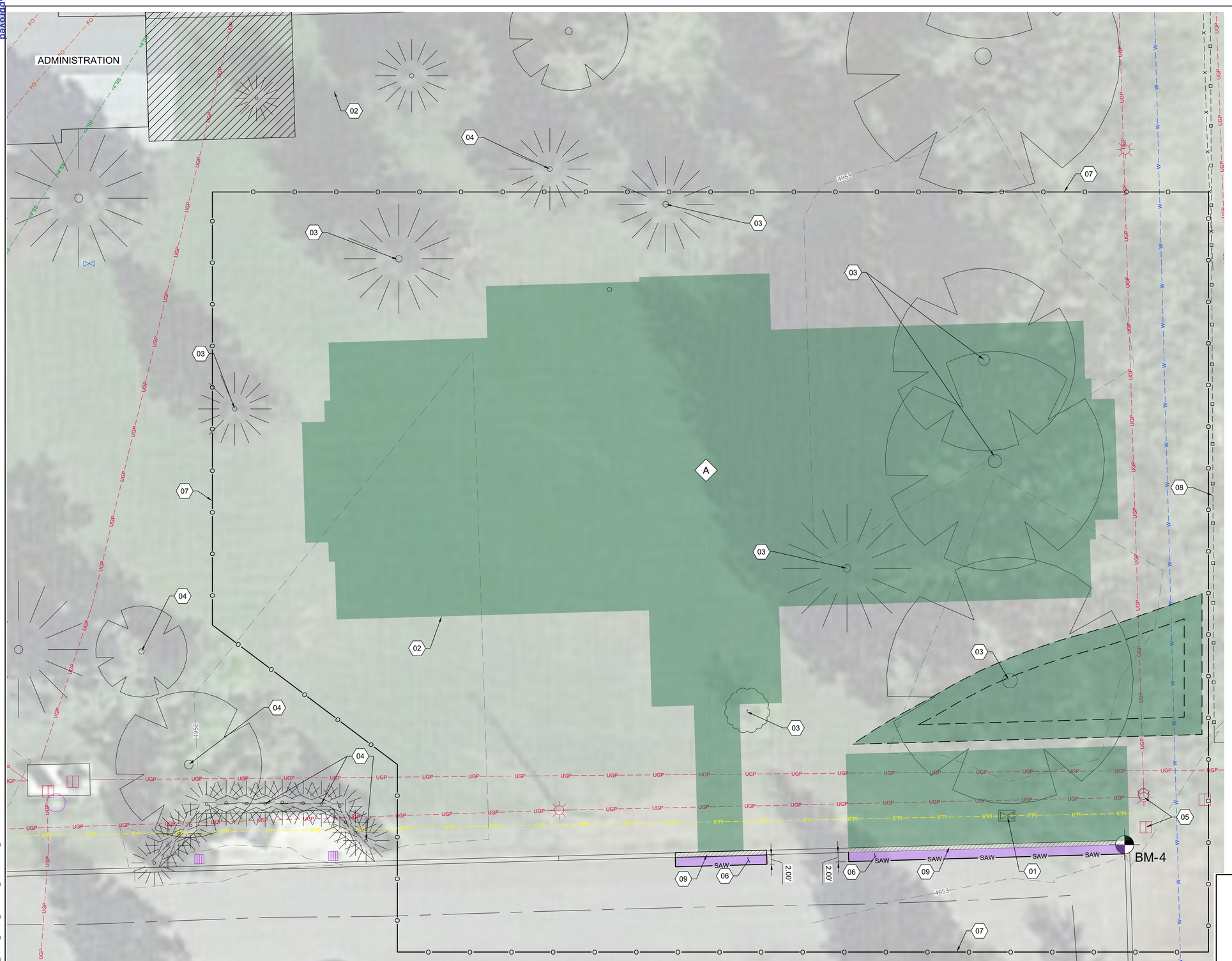
Approved
Star Sewer & Water District
Star, Idaho
Authorized Signature

This is not a building permit



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GENERAL SHEET NOTES

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3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. RELEVANT CODES AND SPECIFICATIONS: 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND 2018 INTERNATIONAL BUILDING CODE.
5. REMOVE SOD AS NECESSARY TO ACCOMMODATE CONSTRUCTION, RE: (HORIZONTAL CONTROL PLAN)
6. NO DEMOLITION WORK SHALL BEGIN ON ANY STRUCTURE UNTIL ASBESTOS AND LEAD TESTING, DOCUMENTATION AND REMEDIATION (IF NECESSARY) PROCCESSES ARE COMPLETE. SUBMIT PROOF OF COMPLETION OF THESE ITEMS TO THE ENGINEER PRIOR TO BEGINNING ANY DEMOLITION WORK. SEE SHEET C.02 - CIVIL GENERAL NOTES FOR MORE INFORMATION.

SHEET KEYNOTES

01 REMOVE & RELOCATE EXISTING IRRIGATION BOX. AFTER ENGINEERS APPROVAL OF IRRIGATION REPAIR PLAN (SEE SHEET C0.2 LANDSCAPING & IRRIGATION NOTES)

02 ACCOMMODATE ADMINISTRATION BUILDING EXPANSION PERFORMED BY OTHERS & RETAIN & PROTECT.

03 REMOVE TREE, INCLUDING STUMP

04 RETAIN & PROTECT TREES & SHRUBS. IF TREES OR SHRUBS NEED TO BE REMOVED NOTIFY THE ENGINEER PRIOR TO ANY REMOVAL WORK. DO NOT REMOVE TREES OR SHRUBS UNTIL RECEIVING ENGINEER APPROVAL.

05 RETAIN & PROTECT EXISTING UTILITIES

06 REMOVE PAVEMENT

07 INSTALL TEMPORARY 6 FT TALL CHAINLINK CONSTRUCTION FENCE WITH LOCKABLE GATE. LOCATION SHOWN IS APPROXIMATE.

08 INSTALLATION OF NEW ORNAMENTAL STEEL FENCE BY OTHERS. CONTRACTOR TO ACCOMMODATE FENCING CONTRACTOR & RETAIN & PROTECT NEW FENCE.

09 SAWCUT & REMOVE RIBBON CURB

BUILDING DESIGNATOR

A - BITTERROOT COTTAGE (N)

LEGEND

-- FOOTPRINT OF HARD SURFACE IMPROVEMENTS. CLEAR & GRUB AS NECESSARY

-- PAVEMENT REMOVAL - SAWCUT

-- ADMINISTRATION BUILDING EXPANSION

-- CONCRETE BEING DEMOLISHED

PROFESSIONAL ENGINEER
Licensed to Practice
17888
3/31/2023
STATE OF IDAHO
RILEY D. BRADSHAW

KELLER ASSOCIATES

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OFFICE 208.522.8111 / FAX 208.522.8181 / WWW.NBWARCHITECTS.COM

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: BASE BID AREA 'B' DEMOLITION PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
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JLP
CHECKED BY:
RDB

DRAWING NO.:

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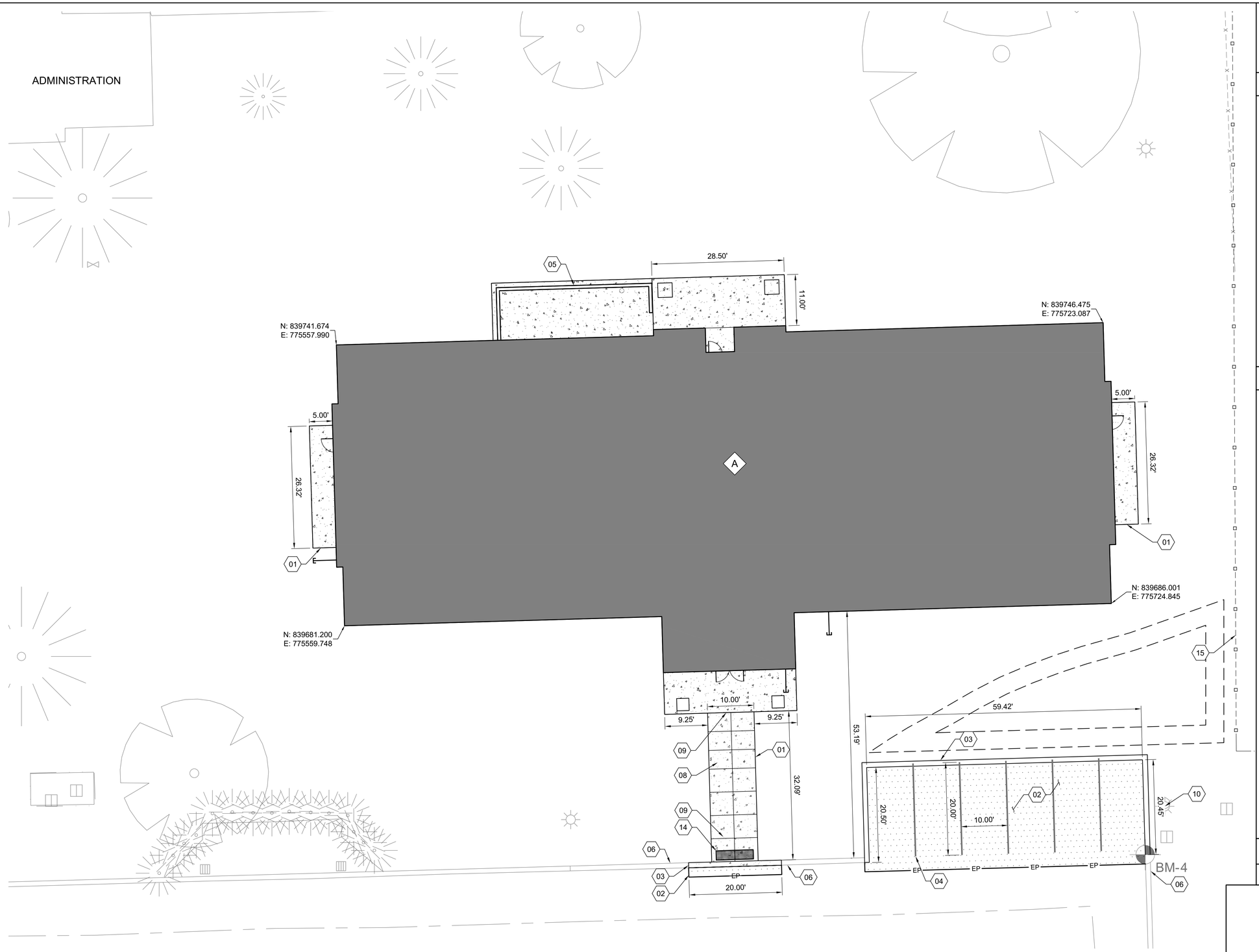
Approved
Structure Building Safety
Ada County Development Services
This approval is for the structure only. Other permits may be required for fire protection, mechanical, electrical, plumbing, site development, etc. Approval of this plan does not authorize violation of any code or law. Approved plans must be on the jobsite. Inspection requests must be made 48 hours in advance. Work requiring inspection must not be covered or concealed before inspection. Inspection record card must be posted. Construction must comply with approved plans.
This is not a building permit

1a

ADMINISTRATION



GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION. CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. ALL DIMENSIONS ARE TO FACE OF CURB/ SLAB/ FOUNDATION WALL UNLESS NOTED OTHERWISE.
5. REFER TO A6.4 FOR CONCRETE CONTROL JOINT LAYOUT.
6. BUILDING CORNER COORDINATES REFERENCE EXTERIOR FACE OF FOUNDATION WALL. CONTRACTOR TO COORDINATE FINAL DIMENSIONS WITH ARCHITECTURAL PLANS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. REFER TO C6.0 LANDSCAPE PLAN FOR LANDSCAPE IMPROVEMENTS.

SHEET KEYNOTES

01 INSTALL SIDEWALK, SEE PLAN FOR DIMENSIONS; RE: C1401/C6.1

02 INSTALL ASPHALT PAVEMENT; RE: C1003/C6.1

03 INSTALL CONCRETE RIBBON CURB; RE: C1231/C6.1

04 INSTALL 4" WHITE STRIPE, TYPE - WATERBORNE PAINT, WHITE

05 INSTALL CMU WALL; RE: STRUCTURAL

06 RETAIN & PROTECT EXISTING RIBBON CURB

07 NOT USED

08 PLACE SIDEWALK CONTROL JOINT; RE: C1431/C6.1

09 PLACE SIDEWALK EXPANSION JOINT; RE: C1433/C6.1

10 RETAIN & PROTECT EXISTING LIGHT POLE

11 NOT USED

12 INSTALL HANDICAP ACCESSIBLE SYMBOL; RE: C8101/C6.1

13 INSTALL HANDICAP SIGN; RE: C8011/C6.1

14 INSTALL DETECTABLE WARNING FOR PEDESTRIAN ACCESS; RE: C1500/C6.1

15 INSTALLATION OF NEW ORNAMENTAL STEEL FENCE BY OTHERS. CONTRACTOR TO ACCOMMODATE FENCING CONTRACTOR & RETAIN & PROTECT NEW FENCE.

BUILDING DESIGNATOR

A - BITTERROOT COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

nbwarchitects p.a.
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994 2ND STREET / P.O. BOX 2317 / SUN VALLEY, IDAHO 83353-2317
TEL (208) 622-8777 FAX (208) 622-8780 WWW.NBWARCHITECTS.COM

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: BASE BID AREA 'B' HORIZONTAL CONTROL PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C2.2

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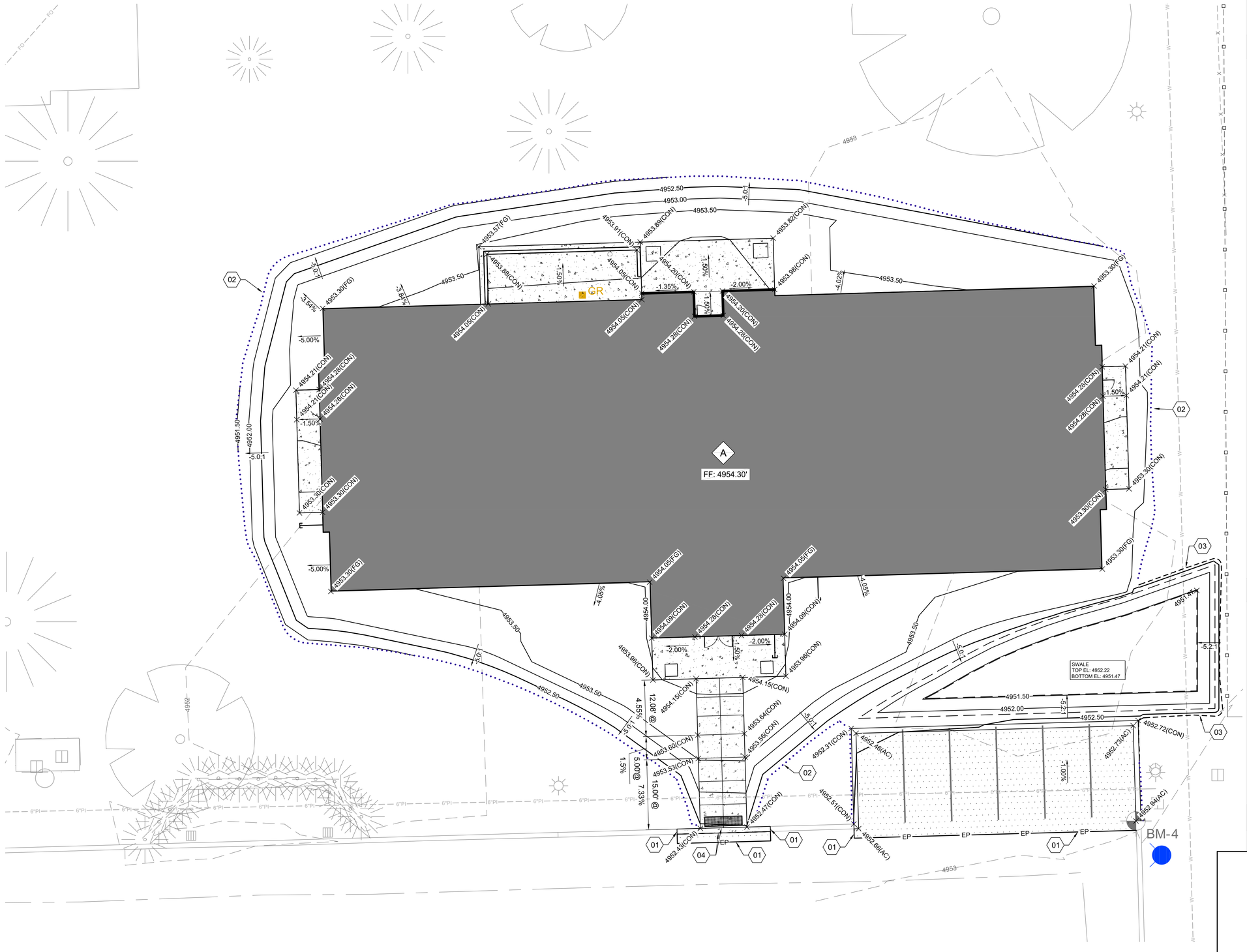
Approved
Star Sanitation District
This approval is valid for 1 year from the date approved unless otherwise noted. Approval is for general compliance with the Star Sanitation District's rules and regulations. Approval does not relieve the applicant from the responsibility of obtaining all other approvals required by local, state, and federal agencies. Approval does not relieve the applicant from the responsibility of compliance with the Star Sanitation District's rules and regulations. Approval does not relieve the applicant from the responsibility of compliance with the Star Sanitation District's rules and regulations.
This is not a building permit



SHEET KEYNOTES

01 MATCH EXISTING ELEVATION

02 DAYLIGHT FILL LINE

03 DAYLIGHT CUT LINE

04 CONSTRUCT CURB SUCH THAT THERE IS NO MORE THAN 1/4" HEIGHT DIFFERENCE IN TRANSITION BETWEEN SURFACES.

ABBREVIATIONS

AC	- TOP OF ASPHALT
CON	- TOP OF CONCRETE
EX	- EXISTING
FF	- FINISH FLOOR
FL	- FLOW LINE
FG	- FINISH GRADE
G.B.	- GRADE BREAK
LIP	- LIP OF CURB
RIM	- RIM ELEVATION
ST	- CONCRETE STOOP
TBC	- TOP BACK OF CURB

BUILDING DESIGNATOR

A - BITTERROOT COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
No. 17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

nbwarchitects p.a.
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OFFICE 208.622.8111 / FAX 208.622.8115 / WWW.NBWARCHITECTS.COM

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: BASE BID AREA 'B' GRADING PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

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21023
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Approved
Idaho Building Safety
bcoop

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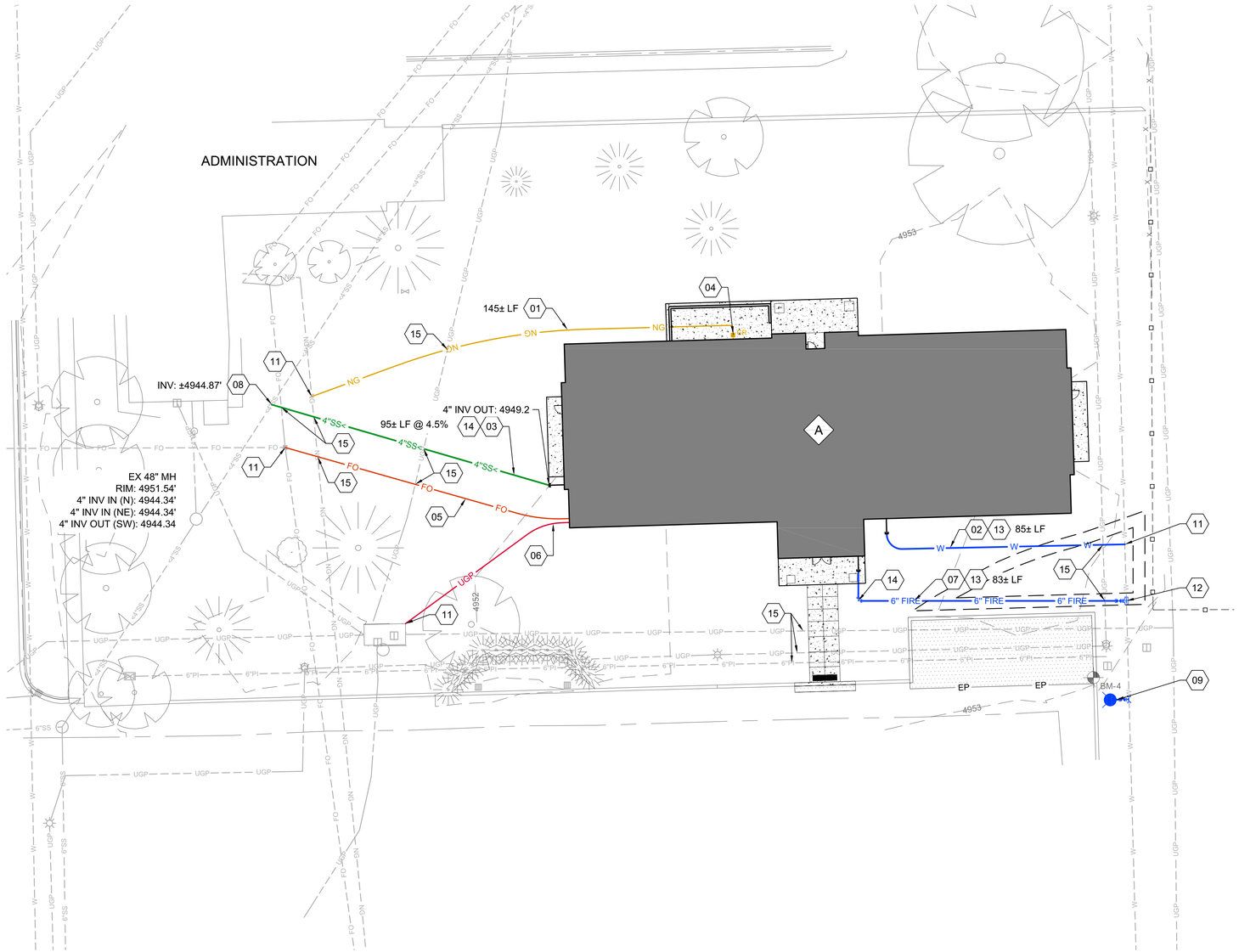

0 20 40

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO FIELD VERIFY IN A NON-DESTRUCTIVE MANNER THE SIZE AND LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO ENGINEER.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. MAINTAIN A MINIMUM 66" COVER ON 6" FIRE DEPARTMENT MAIN LINE.
5. ALL NATURAL GAS PIPING, CONNECTIONS, AND RISERS SHALL BE INSTALLED TO THE REQUIREMENTS OF THE INTERNATIONAL GAS CODE AND ANY STATE OR LOCAL CODES.
6. REFER TO C6.0 LANDSCAPE PLAN FOR LANDSCAPE IRRIGATION IMPROVEMENTS.

SHEET KEYNOTES

01 INSTALL PIPE - 1.25" PE2406 NATURAL GAS SERVICE LINE

02 INSTALL PIPE - 2" PE4710 POLY WATER SERVICE; RE: ISPWC SD-402

03 INSTALL PIPE - 4" SEWER SERVICE; RE: ISPWC SD-511

04 INSTALL PRESSURE REGULATOR; RE: PLUMBING FOR SIZING.

05 INSTALL FIBER SERVICE; RE: ELECTRICAL

06 RECONNECT TO EXISTING POWER SERVICE; RE: ELECTRICAL

07 INSTALL PIPE - 6" CLASS 50 DI FIRE LINE

08 RECONNECT TO EXISTING SEWER; RE: ISPWC SD-511

09 INSTALL FIRE HYDRANT ASSEMBLY; RE: ISPWC SD-404

10 NOT USED

11 CONNECT TO EXISTING UTILITY, FITTINGS AS REQUIRED

12 INSTALL FITTING - 10" TAPPING SADDLE & GATE VALVE

13 TYPICAL TRENCH SECTION; RE: ISPWC SD-301

14 INSTALL FITTING - 6" 90° BEND

15 RETAIN & PROTECT EXISTING UTILITIES

BUILDING DESIGNATOR

A - BITTERROOT COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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OFFICE 208.522.8111 / FAX 208.522.8181 / WEB nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: BASE BID AREA 'B' UTILITY PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
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JLP
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RDB

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C2.4

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Approved
Structure Idaho
Building Safety
Approved as noted on plan
Approved plans must be on jobsite
This approval is valid for 1 year
Inspection requests: 208-522-0210
Or submit at structureidaho.com
Approved plans and permit must be available at the jobsite for inspections by the building official.
Approved plans may not be changed, modified or altered without authorization from the building official.
This is not a building permit

EXISTING TARGHEE COTTAGE

0 10 20

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
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PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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OFFICE 208.522.8111 / FAX 208.522.8181 / WWW.NBWARCHITECTS.COM

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE:
ALTERNATE NO.1 AREA 'C' EXISTING CONDITIONS & PROJECT CONTROL

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
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C3.0

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Approved
Bonneville County
Building Safety
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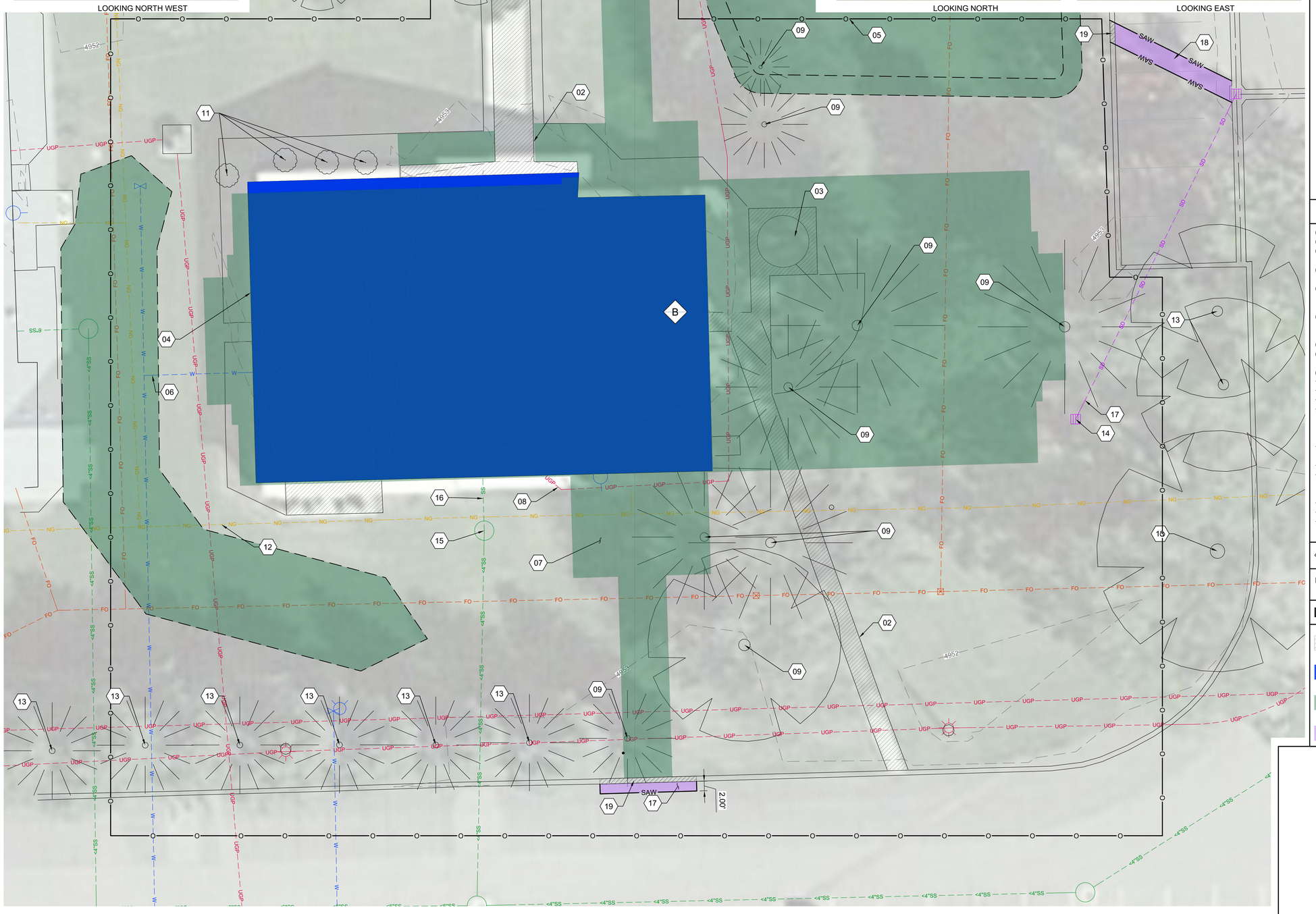
LOOKING NORTH WEST

LOOKING NORTH

LOOKING EAST



GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. RELEVANT CODES AND SPECIFICATIONS: 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND 2018 INTERNATIONAL BUILDING CODE.
5. REMOVE SOD AS NECESSARY TO ACCOMMODATE CONSTRUCTION; RE: C3.2
6. NO DEMOLITION WORK SHALL BEGIN ON ANY STRUCTURE UNTIL ASBESTOS AND LEAD TESTING, DOCUMENTATION AND REMEDIATION (IF NECESSARY) PROCCESSES ARE COMPLETE. SUBMIT PROOF OF COMPLETION OF THESE ITEMS TO THE ENGINEER PRIOR TO BEGINNING ANY DEMOLITION WORK. SEE SHEET C.02 - CIVIL GENERAL NOTES FOR MORE INFORMATION.

SHEET KEYNOTES

01 NOT USED
02 REMOVE EXISTING SIDEWALK
03 DEMOLISH FIRE PIT. REMOVE & DISPOSE OF DEBRIS
04 DEMOLISH STRUCTURE, INCLUDING FOUNDATION REMOVE & DISPOSE OF DEBRIS
05 INSTALL TEMPORARY 6 FT TALL CHAINLINK CONSTRUCTION FENCE WITH LOCKABLE GATE. LOCATION SHOWN IS APPROXIMATE.
06 CLOSE & ABANDON VALVE TO EXISTING WATER SERVICE (IF PRESENT); CUT & CAP SERVICE LINE & ABANDON IN PLACE
07 DISCONNECT FIBER SERVICE; RE: C3.4
08 DISCONNECT ELECTRICAL SERVICE; RE: C3.4
09 REMOVE TREES, INCLUDING STUMP
10 NOT USED
11 REMOVE SHRUBS
12 REROUTE GAS; RE: C3.4
13 RETAIN & PROTECT TREES. IF TREES NEED TO BE REMOVED NOTIFY THE ENGINEER PRIOR TO ANY REMOVAL WORK. DO NOT REMOVE TREES UNTIL RECEIVING ENGINEER APPROVAL.
14 REMOVE FRENCH DRAIN MANHOLE. BACKFILL USING ISPWC SECTION 204.
15 RETAIN & PROTECT EXISTING MANHOLE
16 PLUG UPSTREAM INVERT WITH CLASS 3000 CONCRETE PER ISPWC SECTION 703 & ABANDON UPSTREAM LINE IN PLACE
17 PLUG INVERT & ABANDON PIPE IN PLACE
18 REMOVE PAVEMENT
19 SAWCUT & REMOVE RIBBON CURB

BUILDING DESIGNATOR

B - TARGHEE COTTAGE (N)

LEGEND

-- CONCRETE BEING DEMOLISHED
-- STRUCTURES BEING DEMOLISHED
-- FOOTPRINT OF HARD SURFACE IMPROVEMENTS. CLEAR & GRUB AS NECESSARY
-- PAVEMENT REMOVAL - SAWCUT

0 10 20

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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OFFICE 208.522.8111 / FAX 208.522.8181 / WWW.NBWARCHITECTS.COM

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ALTERNATE NO.1 AREA 'C' DEMOLITION PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C3.1

PRINTED: 3/31/2023 1:06 PM
LAST SAVED: 3/30/2023 8:35 AM
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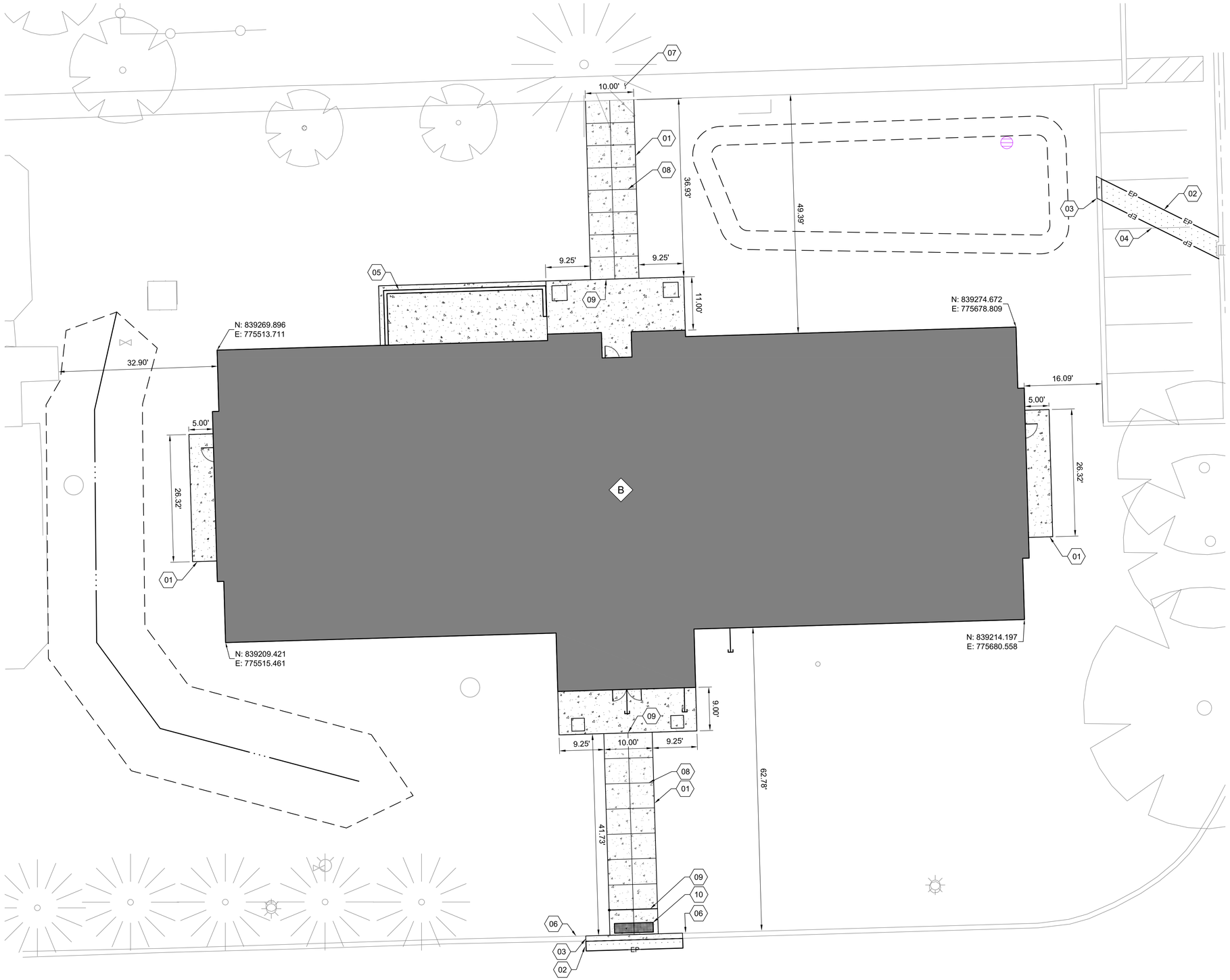
DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Structures Idaho
Building Safety
Division of Building Safety
This is not a building permit

This approval is for the construction documents only. It is the responsibility of the applicant to obtain all other approvals required by local, state or federal agencies before construction is started. This approval is valid for one year from the date issued and may be extended or renewed for cause. This approval may be revoked at any time if any conditions of the permit are violated, or if any false statements or misrepresentations have been made in the application or supporting documents. Construction must conform to the approved plans.
This is not a building permit

1a



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GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION. CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. ALL DIMENSIONS ARE TO FACE OF CURB/ SLAB/ FOUNDATION WALL UNLESS NOTED OTHERWISE.
5. REFER TO A6.4 FOR CONCRETE CONTROL JOINT LAYOUT.
6. BUILDING CORNER COORDINATES REFERENCE EXTERIOR FACE OF FOUNDATION WALL. CONTRACTOR TO COORDINATE FINAL DIMENSIONS WITH ARCHITECTURAL PLANS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. REFER TO C6.0 LANDSCAPE PLAN FOR LANDSCAPE IMPROVEMENTS.

SHEET KEYNOTES

01 INSTALL SIDEWALK, SEE PLAN FOR DIMENSION; RE: C1401/C6.1

02 INSTALL ASPHALT PAVEMENT; RE: C1003/C6.1

03 INSTALL CONCRETE RIBBON CURB; RE: C1231/C6.1

04 INSTALL 4" WHITE STRIPE, TYPE - WATERBORNE PAINT, WHITE

05 INSTALL CMU WALL; RE: STRUCTURAL

06 RETAIN & PROTECT EXISTING CURB

07 RETAIN & PROTECT EXISTING SIDEWALK

08 PLACE SIDEWALK CONTROL JOINT; RE: C1431/C6.1

09 PLACE SIDEWALK EXPANSION JOINT; RE: C1433/C6.1

10 INSTALL DETECTABLE WARNING FOR PEDESTRIAN ACCESS; RE: C1500/C6.1

BUILDING DESIGNATOR

B - TARGHEE COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ALTERNATE NO.1 AREA 'C' HORIZONTAL CONTROL PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:
C3.2

J:\208106-078 JCC COTTAGES\C_DESN_CAD\3_DESIGN\D_PLANS-11100_SITEHRZ CNTRL.DWG LAST SAVED: 3/30/2023 8:35 AM PRINTED: 3/31/2023 1:06 PM

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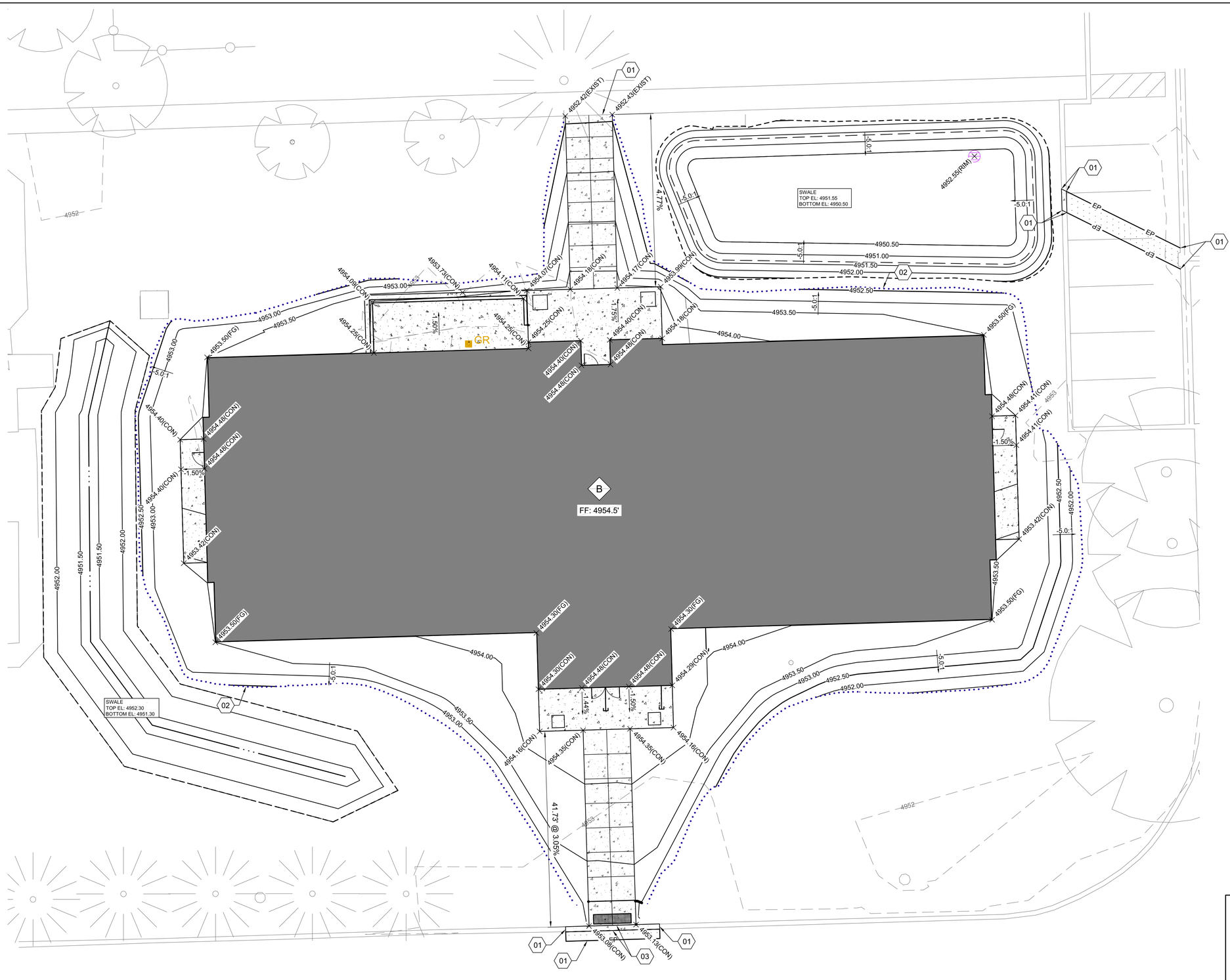
Approved
Structures and Buildings Safety
Bonneville County
This is not a building permit

1a



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SHEET KEYNOTES

01 MATCH EXISTING ELEVATION

02 DAYLIGHT FILL LINE

03 CONSTRUCT CURB SUCH THAT THERE IS NO MORE THAN 1/4" HEIGHT DIFFERENCE IN TRANSITION BETWEEN SURFACES.

ABBREVIATIONS

AC	- TOP OF ASPHALT
CON	- TOP OF CONCRETE
EX	- EXISTING
FF	- FINISH FLOOR
FL	- FLOW LINE
FG	- FINISH GRADE
G.B.	- GRADE BREAK
LIP	- LIP OF CURB
RIM	- RIM ELEVATION
ST	- CONCRETE STOOP
TBC	- TOP BACK OF CURB

BUILDING DESIGNATOR

B - TARGHEE COTTAGE (N)

LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

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307.733.3233 / 877.733.3233 / 307.734.0589 / WWW.NBWARCHITECTS.COM

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ALTERNATE NO.1 AREA 'C' GRADING PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:
C3.3

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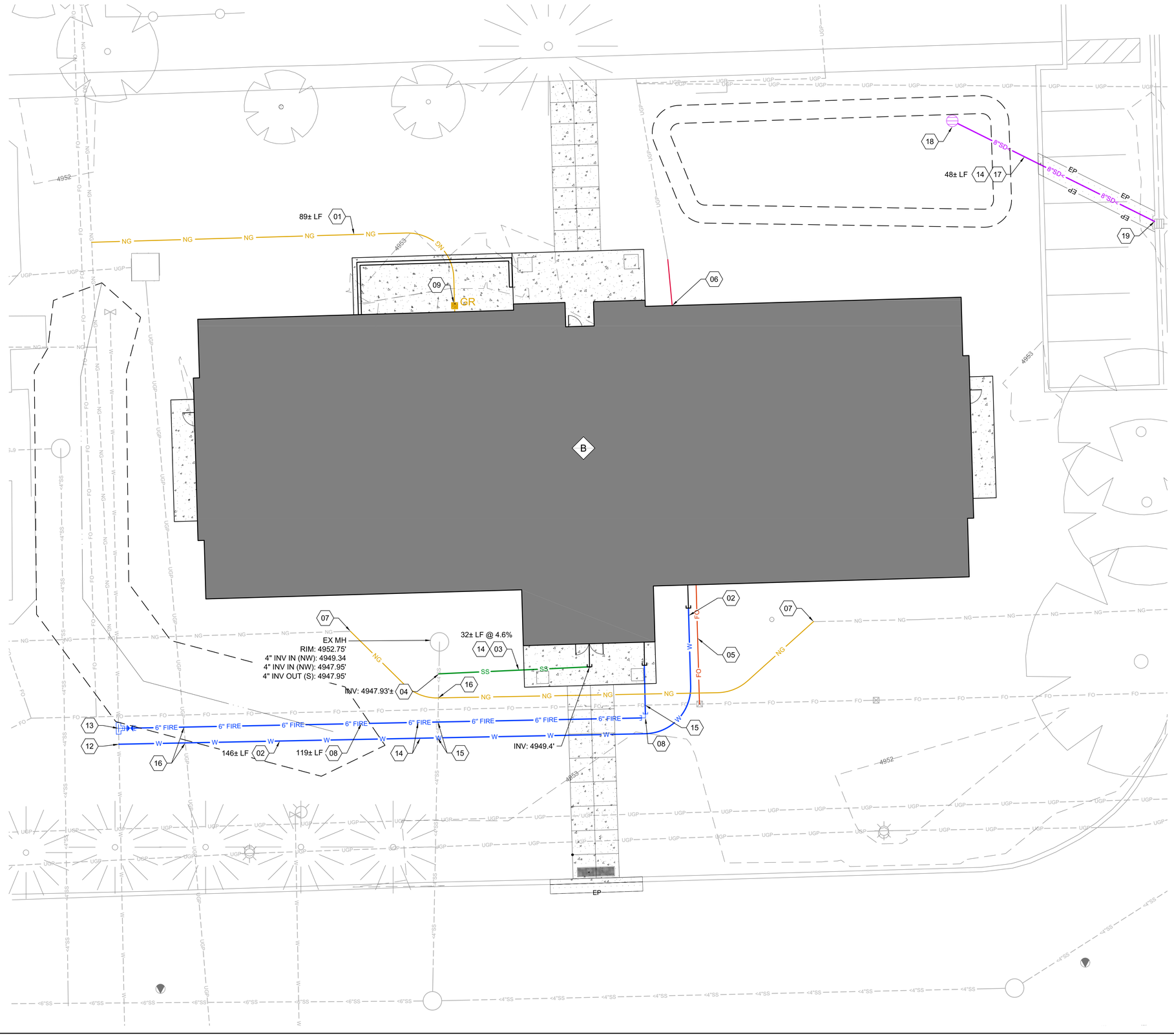
Approved
Standard Idaho Building Safety
Not to be used for construction
This approval is for the plans and specifications listed on the approval stamp only. Any omissions or errors on the plans and specifications do not relieve the applicant of responsibility to comply with all applicable codes, laws, and ordinances. Approval is void if any changes are made to the plans and specifications without approval from the building official. Approval is void if construction does not commence within 180 days of permit issuance.
This is not a building permit



GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO FIELD VERIFY IN A NON-DESTRUCTIVE MANNER THE SIZE AND LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO ENGINEER.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. MAINTAIN A MINIMUM 66" COVER ON 6" FIRE DEPARTMENT MAIN LINE.
5. ALL NATURAL GAS PIPING, CONNECTIONS, AND RISERS SHALL BE INSTALLED TO THE REQUIREMENTS OF THE INTERNATIONAL GAS CODE AND ANY STATE OR LOCAL CODES.
6. REFER TO C6.0 LANDSCAPE PLAN FOR LANDSCAPE IRRIGATION IMPROVEMENTS.

SHEET KEYNOTES

01 INSTALL PIPE - 1.25" PE2406 NATURAL GAS SERVICE LINE

02 INSTALL PIPE - 2" PE4710 POLY WATER SERVICE; RE: ISPWC SD-402

03 INSTALL PIPE - 4" SEWER SERVICE; RE: ISPWC SD-511

04 CONNECT TO EXISTING 4" SANITARY SEWER, FITTINGS AS REQUIRED; RE: ISPWC SD-511

05 INSTALL FIBER SERVICE, RE: ELETRICAL

06 RECONNECT TO EXISTING POWER SERVICE; RE: ELECTRICAL

07 REROUTE GAS SERVICE

08 INSTALL PIPE - 6" CLASS 50 DI FIRE LINE

09 INSTALL PRESSURE REGULATOR; RE: PLUMBING FOR SIZING.

10 NOT USED

12 CONNECT TO EXISTING UTILITY MAIN, FITTINGS AS REQUIRED

13 INSTALL FITTING - 10" TAPPING SADDLE & GATE VALVE

14 TYPICAL TRENCH SECTION; RE: ISPWC SD-301

15 POTABLE/NON-POTABLE WATERLINE CROSSING, RE: ISPWC SD-407

16 RETAIN & PROTECT EXISTING UTILITIES

17 INSTALL PIPE - 8" PVC STORM DRAIN

18 INSTALL PRECAST SHALLOW MANHOLE WITH SLOTTED COVER AND DEPTH SUFFICIENT TO ACHIEVE DRAINAGE FROM UPSTREAM CATCH BASIN; RE: ISPWC SD-615

19 CORE EXISTING CATCH BASIN, CONNECT STORM PIPE WITH KOR-N-SEAL

BUILDING DESIGNATOR

B - TARGHEE COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ALTERNATE NO.1 AREA 'C' UTILITY PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:
C3.4

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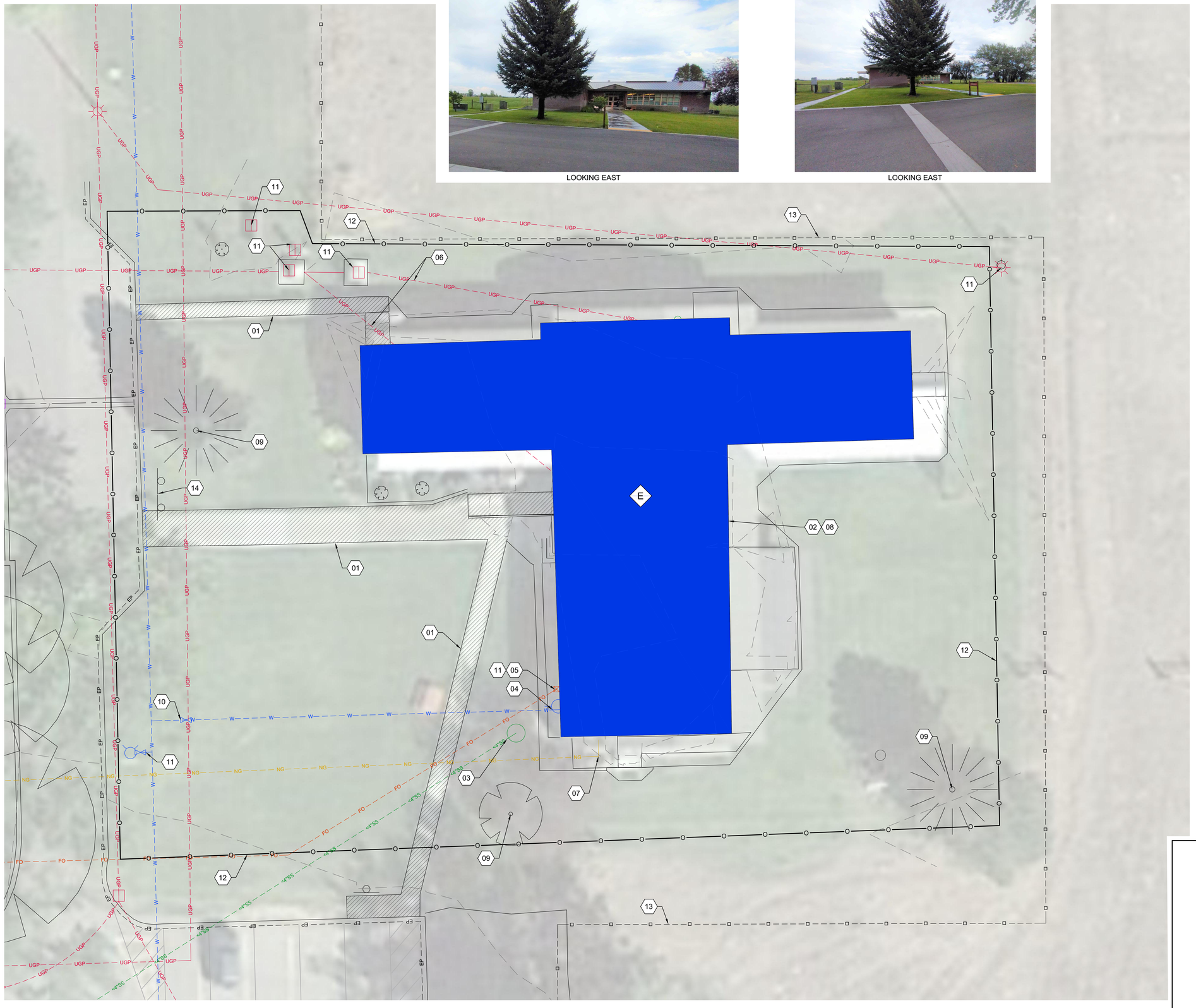
Approved
Structure Idaho
Structural Engineering Society
Idaho Falls Chapter
This approval is for the structural design only. The approval does not relieve the design professional of responsibility for the design. The approval does not relieve the design professional of responsibility for the design. The approval does not relieve the design professional of responsibility for the design.
This is not a building permit

LOOKING EAST

LOOKING EAST



GENERAL SHEET NOTES

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6. NO DEMOLITION WORK SHALL BEGIN ON ANY STRUCTURE UNTIL ASBESTOS AND LEAD TESTING, DOCUMENTATION AND REMEDIATION (IF NECESSARY) PROCCESSES ARE COMPLETE. SUBMIT PROOF OF COMPLETION OF THESE ITEMS TO THE ENGINEER PRIOR TO BEGINNING ANY DEMOLITION WORK. SEE SHEET C.02 - CIVIL GENERAL NOTES FOR MORE INFORMATION.

SHEET KEYNOTES

01 REMOVE EXISTING SIDEWALK

02 DEMOLISH STRUCTURE, INCLUDING FOUNDATION. REMOVE & DISPOSE OF DEBRIS

03 PLUG & ABANDON UPSTREAM SEWER LINE. RETAIN & PROTECT EXISTING MANHOLE

04 CLOSE VALVE & ABANDON WATERLINE IN PLACE

05 DISCONNECT FIBER SERVICE

06 DISCONNECT ELECTRICAL SERVICE

07 DISCONNECT & CAP GAS SERVICE

08 AFTER DEMOLITION, PLACE & COMPACT CLEAN FILL AS NECESSARY TO BRING TO SURROUNDING GRADE, FINISH WITH 2" OF TOPSOIL. INSTALL SPRINKLER SYSTEM & SOD.

09 RETAIN & PROTECT TREES. IF TREES NEED TO BE REMOVED NOTIFY THE ENGINEER PRIOR TO ANY REMOVAL WORK. DO NOT REMOVE TREES UNTIL RECEIVING ENGINEER APPROVAL.

10 CLOSE VALVE & CAP LINE

11 RETAIN & PROTECT EXISTING UTILITIES

12 INSTALL TEMPORARY 6 FT TALL CHAINLINK CONSTRUCTION FENCE WITH LOCKABLE GATE. LOCATION SHOWN IS APPROXIMATE.

13 INSTALLATION OF NEW ORNAMENTAL STEEL FENCE BY OTHERS. CONTRACTOR TO ACCOMMODATE FENCING CONTRACTOR & RETAIN & PROTECT NEW FENCE.

14 REMOVE & DISPOSED OF SIGN

BUILDING DESIGNATOR

E - BITTERROOT COTTAGE (DEMOLISH)

LEGEND

-- CONCRETE BEING DEMOLISHED

-- STRUCTURES BEING DEMOLISHED

PROFESSIONAL ENGINEER
LICENSED TO PRACTICE
No. 17888
3/31/2023
STATE OF IDAHO
RILEY D. BRADSHAW

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
990 2ND STREET / SUITE 2 / IDAHO FALLS, IDAHO 83402-2202
OFFICE 208.522.8111 / FAX 208.522.8181 / WWW.NBWARCHITECTS.COM

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ALTERNATE NO.2 AREA 'D' DEMOLITION PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C4.1

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Approved
Standard Idaho Building Safety
bss.idaho.coop
This approval is valid for the specific plans, specifications and calculations upon which it is based. Any changes, additions or deletions must be approved by the building official. This approval does not relieve the applicant of responsibility to comply with all applicable codes, ordinances and regulations. This is not a building permit

1a

0 20 40

GENERAL SHEET NOTES

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PROFESSIONAL ENGINEER
LICENSED
17888
3/31/2023
STATE OF IDAHO
RILEY D. BRADSHAW

KELLER ASSOCIATES

nbwarchitects p.a.
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OFFICE 208.522.8111 / FAX 208.522.8181 / WWW.NBWARCHITECTS.COM

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE:
ALTERNATE NO.2 AREA 'E' EXISTING CONDITIONS & PROJECT CONTROL

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C5.0

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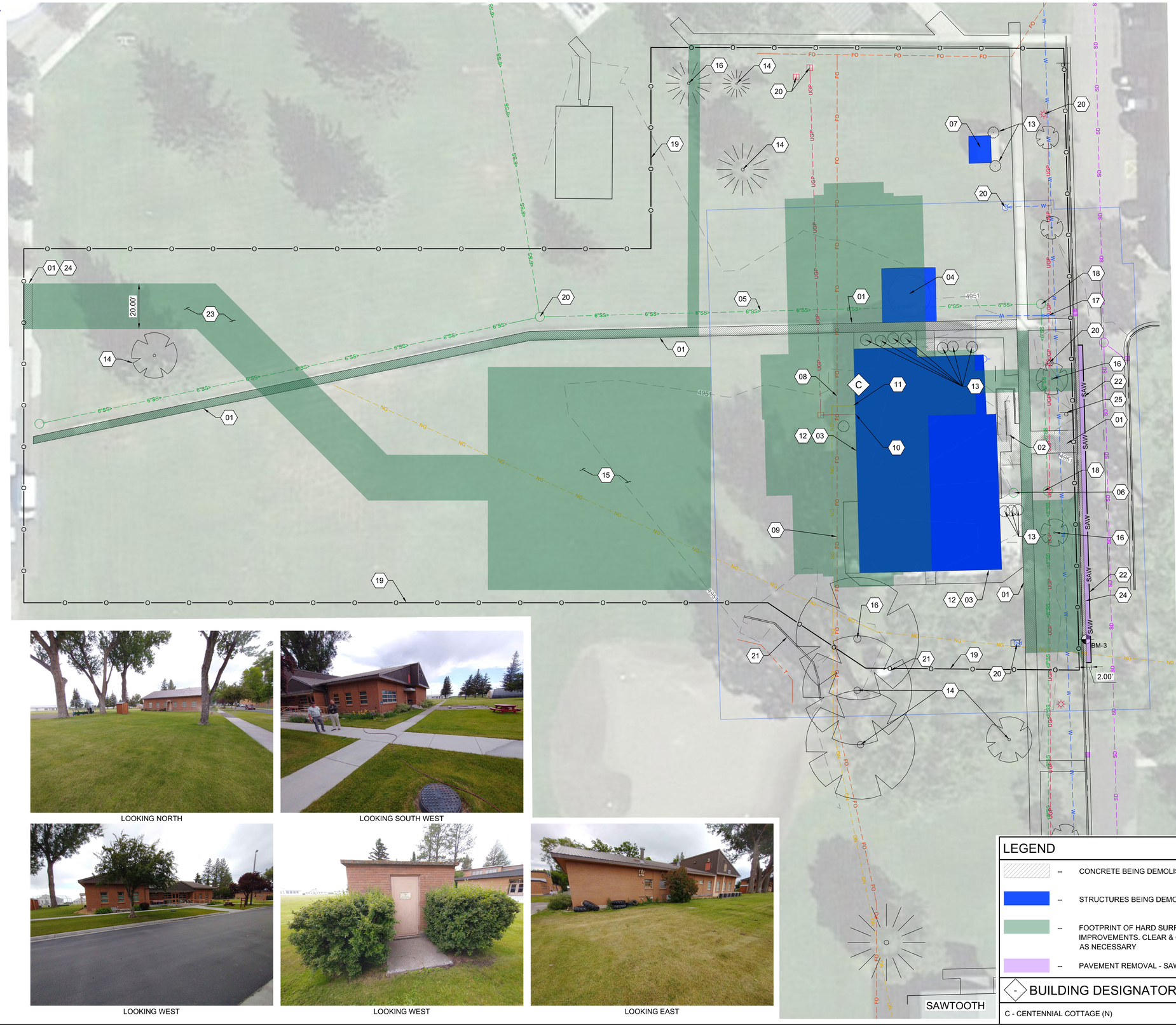
Approved
Standard Idaho
Building Authority
Jurisdiction Compliance Only
This approval is for the plans and specifications listed on this approval stamp only. This approval does not relieve the applicant of responsibility to comply with all applicable codes, laws, ordinances, rules and regulations. This approval is not a building permit.

1a



LOOKING NORTH

LOOKING SOUTH WEST

LOOKING WEST

LOOKING WEST

LOOKING EAST

SAWTOOTH

0 20 40

GENERAL SHEET NOTES

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4. RELEVANT CODES AND SPECIFICATIONS: 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND 2018 INTERNATIONAL BUILDING CODE
5. REMOVE SOD AS NECESSARY TO ACCOMMODATE CONSTRUCTION; RE: C5.3
6. NO DEMOLITION WORK SHALL BEGIN ON ANY STRUCTURE UNTIL ASBESTOS AND LEAD TESTING, DOCUMENTATION AND REMEDIATION (IF NECESSARY) PROCCESSES ARE COMPLETE. SUBMIT PROOF OF COMPLETION OF THESE ITEMS TO THE ENGINEER PRIOR TO BEGINNING ANY DEMOLITION WORK. SEE SHEET C.02 - CIVIL GENERAL NOTES FOR MORE INFORMATION.
7. BEFORE FINAL COMPLETION, REMOVE ALL TEMPORARY ACCESS ROADS AND STORAGE PADS, REPAIR SPRINKLERS, AND REPLACE TOP SOIL AND SOD TO RESTORE AREA TO EQUAL OR BETTER CONDITION.
8. ACCESS ROAD AND GRAVEL STORAGE PAD DIMENSIONS AND LOCATIONS ARE APPROXIMATE. CONTRACTOR MAY PROPOSE ALTERNATE CONCEPT FOR ARCHITECT/ENGINEER APPROVAL.

SHEET KEYNOTES

01 REMOVE EXISTING SIDEWALK
02 DEMOLISH RAMP, REMOVE & DISPOSE OF DEBRIS
03 DEMOLISH STRUCTURE, INCLUDING FOUNDATION. REMOVE & DISPOSE OF DEBRIS
04 DEMOLISH FIRE PIT. REMOVE & DISPOSE OF DEBRIS
05 ABANDON SEWER LINE; RE: C5.6
06 ABANDON MANHOLE; RE: C5.6
07 DEMOLISH BIO WASTE BUILDING. REMOVE & DISPOSE OF DEBRIS
08 DISCONNECT FIBER SERVICE; RE: C5.6
09 REROUTE FIBER LINE; RE: C5.6
10 DISCONNECT ELECTRICAL SERVICE & REROUTE; RE: C5.6
11 DISCONNECT GAS SERVICE; RE: C5.6
12 REPAIR LANDSCAPE & IRRIGATION IN ALL DISTURBED AREA'S
13 REMOVE SHRUBS
14 RETAIN & PROTECT TREES. IF TREES NEED TO BE REMOVED NOTIFY THE ENGINEER PRIOR TO ANY REMOVAL WORK. DO NOT REMOVE TREES UNTIL RECEIVING ENGINEER APPROVAL.
15 INSTALL TEMPORARY GRAVEL STORAGE PAD FOR CONTRACTORS USE
16 REMOVE TREE, INCLUDING STUMP
17 CLOSE WATER VALVE DURING CONSTRUCTION RETAIN & PROTECT WATERLINE
18 PLUG UPSTREAM INVERT WITH CLASS 3000 CONCRETE PER ISPWC SECTION 703 AND ABANDON UPSTREAM LINE IN PLACE.
19 INSTALL TEMPORARY 6 FT TALL CHAINLINK CONSTRUCTION FENCE WITH LOCKABLE GATE. LOCATION SHOWN IS APPROXIMATE.
20 RETAIN & PROTECT EXISTING UTILITY
21 RETAIN & PROTECT EXISTING BASEBALL BACKSTOP & EQUIPMENT STORAGE SHED.
22 REMOVE PAVEMENT. CONTRACTOR TO DETERMINE EXTENTS OF SAW CUT
23 TEMPORARY GRAVEL ACCESS ROAD FOR CONTRACTOR'S USE; RE: G3.1 AND B5/C6.2
24 SAWCUT & REMOVE CURB & GUTTER
25 REMOVE & DISPOSE OF COTTAGE SIGN

LEGEND

-- CONCRETE BEING DEMOLISHED
-- STRUCTURES BEING DEMOLISHED
-- FOOTPRINT OF HARD SURFACE IMPROVEMENTS. CLEAR & GRUB AS NECESSARY
-- PAVEMENT REMOVAL - SAWCUT

- BUILDING DESIGNATOR

C - CENTENNIAL COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
990 20th Street Northeast / P.O. Box 2127 / Idaho Falls, Idaho 83403-2127
Off: (208) 522-8111 / Fax: (208) 522-8181 / nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ALTERNATE NO.2 AREA 'E' DEMOLITION PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:
C5.1

J:\208106-078 JCC COTTAGESIC_DESNL_CAD\3_DESIGN\D_PLANS-11\100_SITE\DEMO.DWG
LAST SAVED: 3/30/2023 8:35 AM
PRINTED: 3/31/2023 1:07 PM

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Star Building Safety
Building Safety
Permit #: 20230078
Date: 3/31/2023
This approval is subject to all applicable laws, regulations, and ordinances. It is your responsibility to comply with them. Neither the granting of a permit nor approval of plans, specifications and computations shall be interpreted to be permission to violate or cancel the provisions of any applicable law, ordinance, regulation or any other requirement. This is not a building permit

0 20 40

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. RELEVANT CODES AND SPECIFICATIONS: 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND 2018 INTERNATIONAL BUILDING CODE
5. REMOVE SOD AS NECESSARY TO ACCOMMODATE CONSTRUCTION; RE: C5.3
7. BEFORE FINAL COMPLETION, REMOVE ALL TEMPORARY ACCESS ROADS AND STORAGE PADS, REPAIR SPRINKLERS, AND REPLACE TOP SOIL AND SOD TO RESTORE AREA TO EQUAL OR BETTER CONDITION.
8. ACCESS ROAD AND GRAVEL STORAGE PAD DIMENSIONS AND LOCATIONS ARE APPROXIMATE. CONTRACTOR MAY PROPOSE ALTERNATE CONCEPT FOR ARCHITECT/ENGINEER APPROVAL.

SHEET KEYNOTES

01 INSTALL TEMPORARY GRAVEL STORAGE PAD FOR CONTRACTORS USE; RE: B5/C6.2

02 RETAIN & PROTECT EXISTING MANHOLE

03 TEMPORARY 6 FT TALL CHAINLINK CONSTRUCTION FENCE WITH LOCKABLE GATE. LOCATION SHOWN IS APPROXIMATE.

04 TEMPORARY GRAVEL ACCESS ROAD FOR CONTRACTOR'S USE; RE: G3.1 & B5/C6.2

BUILDING DESIGNATOR

C - CENTENNIAL COTTAGE (N)

LEGEND

-- STAGING AREA

-- STRUCTURES BEING DEMOLISHED

PROFESSIONAL ENGINEER
LICENSED TO PRACTICE
17888
3/31/2023
STATE OF IDAHO
RILEY D. BRADSHAW

KELLER ASSOCIATES

nbwarchitects p.a.
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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ALTERNATE NO.2 AREA 'E' STORAGE AREA

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

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21023
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DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C5.2

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Approved
Structure Idaho
Building Safety
This is not a building permit

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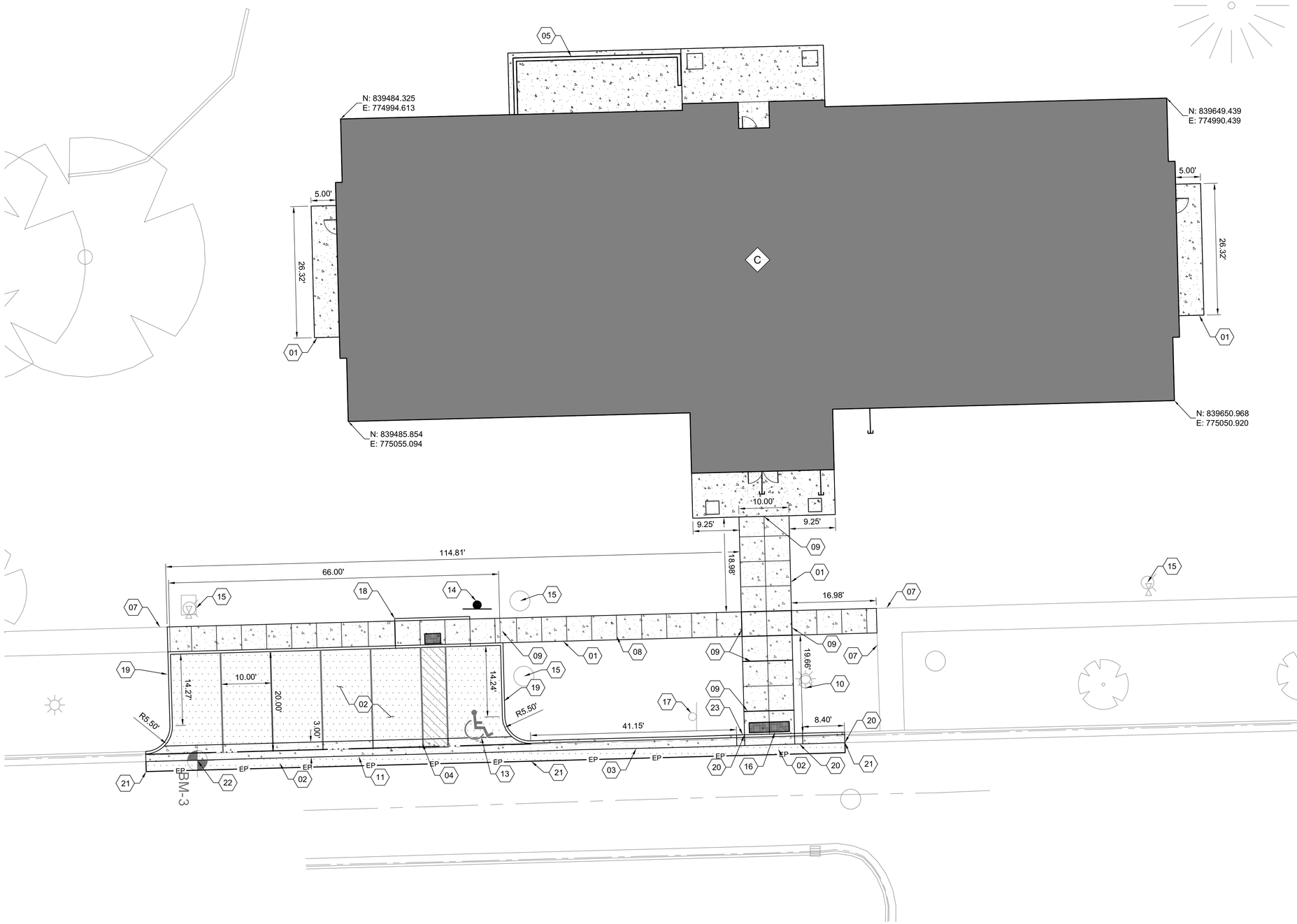

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GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION. CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. ALL DIMENSIONS ARE TO FACE OF CURB/ SLAB/ FOUNDATION WALL UNLESS NOTED OTHERWISE.
5. REFER TO A6.4 FOR CONCRETE CONTROL JOINT LAYOUT.
6. BUILDING CORNER COORDINATES REFERENCE EXTERIOR FACE OF FOUNDATION WALL. CONTRACTOR TO COORDINATE FINAL DIMENSIONS WITH ARCHITECTURAL PLANS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. REFER TO C6.0 LANDSCAPE PLAN FOR LANDSCAPE IMPROVEMENTS.

SHEET KEYNOTES

01	INSTALL SIDEWALK, SEE PLAN FOR DIMENSION; RE: C1401/C6.1
02	INSTALL ASPHALT PAVEMENT; RE: C1003/C6.1
03	INSTALL 6" VERTICAL CURB & GUTTER; RE: C1201/C6.1
04	INSTALL 4" WHITE STRIPE, TYPE - WATERBORNE PAINT, WHITE
05	INSTALL CMU WALL; RE: STRUCTURAL
06	RETAIN & PROTECT EXISTING CURB
07	RETAIN & PROTECT EXISTING SIDEWALK
08	PLACE SIDEWALK CONTROL JOINT; RE: C1431/C6.1
09	PLACE SIDEWALK EXPANSION JOINT; RE: C1433/C6.1
10	RETAIN & PROTECT EXISTING LIGHT POLE
11	INSTALL 3' VALLEY GUTTER; RE: C1251/C6.1
12	RETAIN & PROTECT EXISTING TREE
13	INSTALL HANDICAP SYMBOL; RE: C8101/C6.1
14	INSTALL HANDICAP SIGN; RE: C8011/C6.1
15	RETAIN & PROTECT EXISTING UTILITIES
16	INSTALL DETECTABLE WARNING FOR PEDESTRIAN ACCESS; RE: C1500/C6.1
17	RETAIN & PROTECT EXISTING SIGN
18	INSTALL PEDESTRIAN RAMP; RE: C1/C6.2
19	NOT USED
20	INSTALL CURB CUT; RE: C4/C6.2
21	MATCH EXISTING ASPHALT
22	RESET EXISTING BENCHMARK
23	INSTALL - PAINT CURB 5-FT TO EITHER SIDE OF CURB RAMP, TYPE - WATERBORNE PAINT, RED

BUILDING DESIGNATOR

C - CENTENNIAL COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ALTERNATE NO.2 AREA 'E' HORIZONTAL CONTROL PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
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DECEMBER 2022
DRAWN BY:
JLP
CHECKED BY:
RDB

DRAWING NO.:

C5.3

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Standard Idaho Contracting Society
This approval is for general conformance with the design concept of the project and general compliance with the information given in the contract documents but does not relieve the contractor of responsibility for the accuracy of such and the necessity to furnish any work required by the contract documents. This approval does not relieve the contractor of responsibility for errors or omissions in the shop drawings or of responsibility for meeting all requirements of the construction and contract documents. This is not a building permit

1a

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. SEE UTILITY PLANS FOR MORE INFORMATION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. CURB AND SIDEWALK REPAIR TO EXTENTS MATCHING DEMOLITION; MATCH PRECONSTRUCTION ELEVATIONS.

SHEET KEYNOTES

01 INSTALL SIDEWALK, SEE PLAN FOR DIMENSION. GRADE TO FOLLOW EXISTING GROUND SURFACE; RE: C1401/C6.1

02 RETAIN & PROTECT EXISTING UTILITIES

03 RETAIN & PROTECT EXISTING SIDEWALK

04 PLACE SIDEWALK CONTROL JOINT; RE: C1431/C6.1

05 PLACE SIDEWALK EXPANSION JOINT; RE: C1433/C6.1

06 INSTALL 6" VERTICAL CURB & GUTTER; RE: C1201/C6.1

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ALTERNATE NO.2 AREA 'E' HORIZONTAL CONTROL PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
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JLP
CHECKED BY:
RDB

DRAWING NO.:

C5.4

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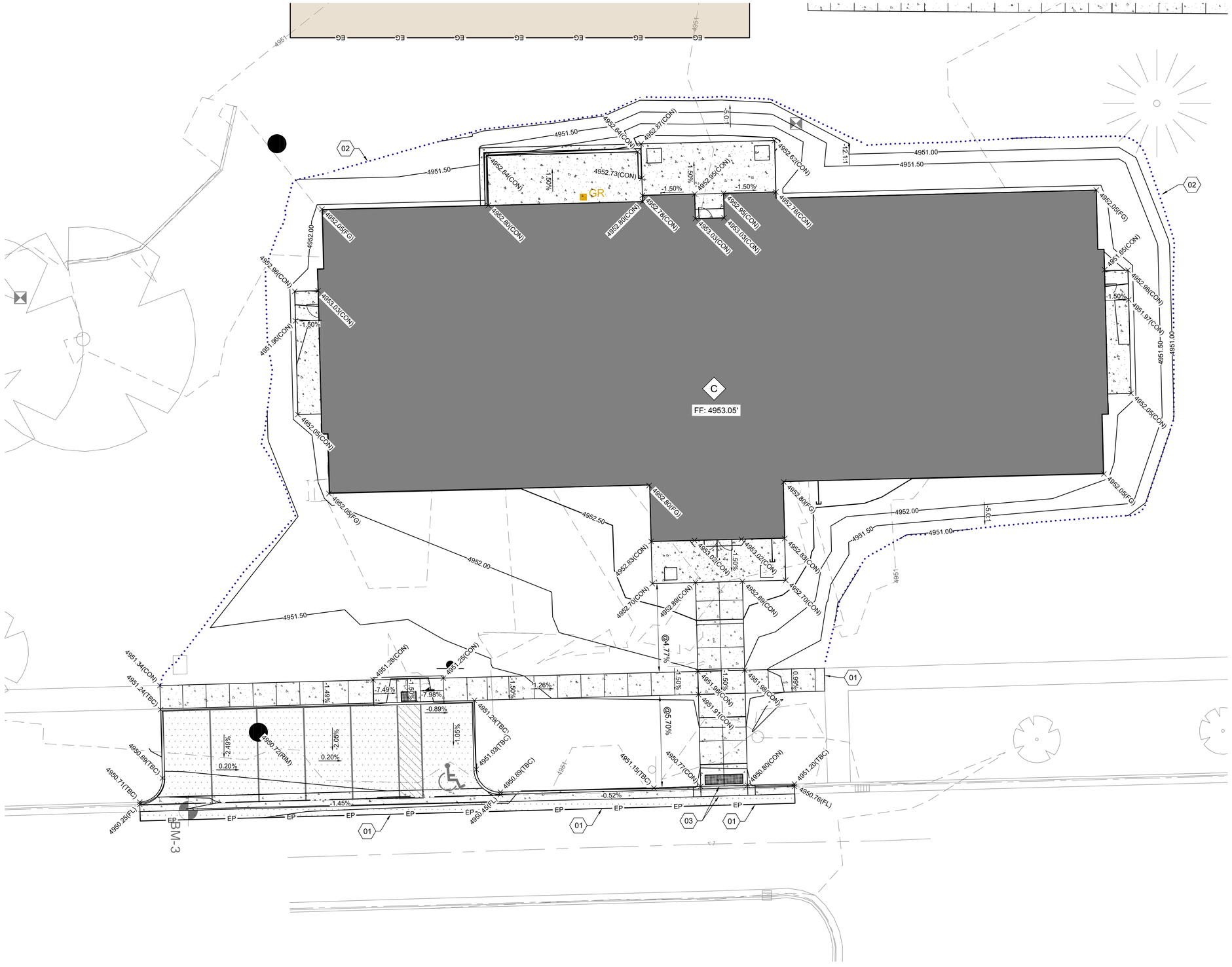
Approved
Structural Only
Not Approved
Approved as Noted
Review is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of all other trades and performing his work in a safe and satisfactory manner. Review of a specific item shall not include review of an assembly of which the item is a component. The contractor is responsible for dimensions to be confirmed and correlated at the jobsite. Review of shop drawings for structural only does not include review of dimensions or quantities. Interpretation of the structural design concept rests with the structural engineer of record.
This is not a building permit



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SHEET KEYNOTES

01 MATCH EXISTING ELEVATION

02 DAYLIGHT FILL LINE

03 CONSTRUCT CURB SUCH THAT THERE IS NO MORE THAN 1/4" HEIGHT DIFFERENCE IN TRANSITION BETWEEN SURFACES.

ABBREVIATIONS

AC	- TOP OF ASPHALT
CON	- TOP OF CONCRETE
EX	- EXISTING
FF	- FINISH FLOOR
FL	- FLOW LINE
FG	- FINISH GRADE
G.B.	- GRADE BREAK
LIP	- LIP OF CURB
RIM	- RIM ELEVATION
ST	- CONCRETE STOOP
TBC	- TOP BACK OF CURB

BUILDING DESIGNATOR

C - CENTENNIAL COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
3/31/2023
STATE OF IDAHO

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ALTERNATE NO.2 AREA 'E' GRADING PLAN

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
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DRAWING NO.:
C5.5

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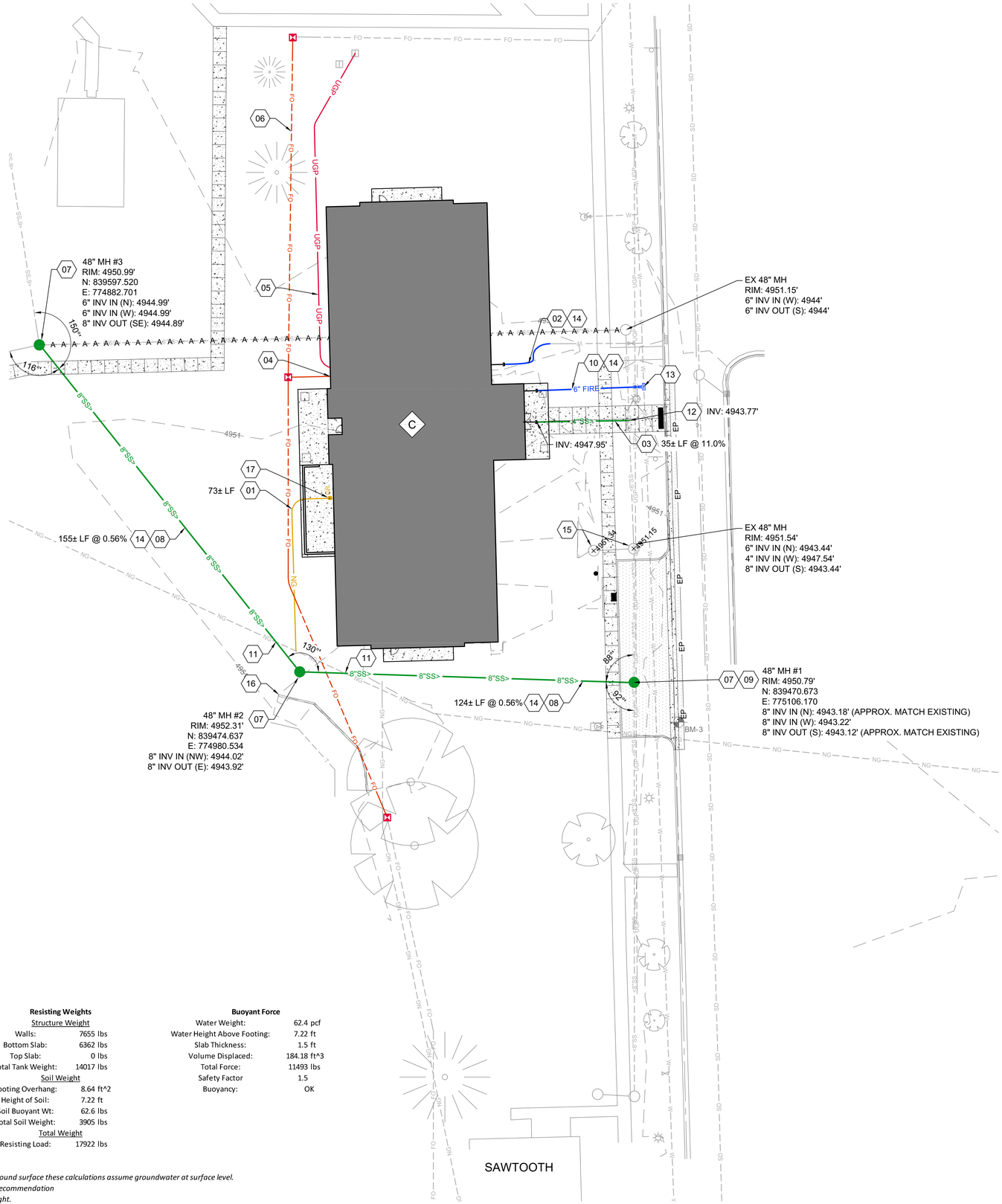
Approved
Structural Engineering Only
Building Safety
This approval is for structural engineering only. Building Safety approval does not relieve the applicant from the responsibility to comply with all applicable codes, laws, and regulations. Building Safety approval does not relieve the applicant from the responsibility to correct errors and omissions contained in approved construction documents.
This is not a building permit

1a



Buoyancy for Precast Manhole

Inputs:	
Well Outer Diameter	5 ft
Well Inner Diameter:	4 ft
Height Above Base:	7.22 ft
Circular Base Diameter:	6 ft
Base Slab Thickness:	1.5 ft
Cover Slab Thickness:	0 ft
Soil Height Above Footing:	7.22 ft
Water Height Above Footing:	7.22 ft
Concrete Weight:	150 pcf
Soil Weight:	125 pcf
Soil Buoyant Weight:	62.6 pcf
Water Weight:	62.4 pcf
Safety Factor:	1.5

Resisting Weights	
Structure Weight	
Walls:	7655 lbs
Bottom Slab:	6362 lbs
Top Slab:	0 lbs
Total Tank Weight:	14017 lbs
Soil Weight	
Footing Overhang:	8.64 ft^2
Height of Soil:	7.22 ft
Soil Buoyant Wt:	62.6 lbs
Total Soil Weight:	3905 lbs
Total Weight	
Resisting Load:	17922 lbs

Buoyant Force	
Water Weight:	62.4 pcf
Water Height Above Footing:	7.22 ft
Slab Thickness:	1.5 ft
Volume Displaced:	184.18 ft^3
Total Force:	11493 lbs
Safety Factor	1.5
Buoyancy:	OK

Notes:
1) Groundwater observed at 2-3 ft B.G.S. Given the proximity to ground surface these calculations assume groundwater at surface level.
2) Assumed 125 pcf soil weight based on Geotechnical Engineer's recommendation
3) Soil buoyant weight calculated as Soil Weight minus Water Weight.

0 20 40

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO FIELD VERIFY IN A NON-DESTRUCTIVE MANNER THE SIZE AND LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO ENGINEER.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. MAINTAIN A MINIMUM 66" COVER ON 6" FIRE DEPARTMENT MAIN LINE.
5. ALL NATURAL GAS PIPING, CONNECTIONS, AND RISERS SHALL BE INSTALLED TO THE REQUIREMENTS OF THE INTERNATIONAL GAS CODE AND ANY STATE OR LOCAL CODES.
6. REFER TO C6.0 LANDSCAPE PLAN FOR LANDSCAPE IRRIGATION IMPROVEMENTS.

SHEET KEYNOTES

01 INSTALL PIPE - 1.25" PE2406 NATURAL GAS SERVICE LINE

02 INSTALL PIPE - 2" PE4710 POLY WATER SERVICE; RE: ISPWC SD-402

03 INSTALL PIPE - 4" SEWER SERVICE; RE: ISPWC SD-511

04 INSTALL FIBER SERVICE; RE: ELECTRICAL

05 RECONNECT TO EXISTING POWER SERVICE; RE: ELECTRICAL

06 REROUTE FIBER LINE; RE: ELECTRICAL

07 INSTALL 48" MANHOLE. LID TO BE APPROXIMATELY 6" ABOVE FINISHED GRADE IN LANDSCAPED AREAS; FLUSH WITH FINISH GRADE IN HARD SURFACES. CONCRETE BASE TO BE 6 FT MIN DIAMETER TO RESIST BUOYANCY (SEE CALCULATIONS THIS SHEET); RE: ISPWC SD-501

08 INSTALL PIPE - 6" SEWER

09 RECONNECT TO EXISTING SEWER; RE: ISPWC SD-511

10 INSTALL PIPE - 6" CLASS 50 DI FIRE LINE

11 REROUTE GAS AROUND PROPOSED MANHOLE

12 CONNECT TO EXISTING UTILITY, FITTINGS AS REQUIRED

13 INSTALL FITTING - 10" TAPPING SADDLE & GATE VALVE

14 TYPICAL TRENCH SECTION; RE: ISPWC SD-301

15 RETAIN & PROTECT UTILITIES

16 RETAIN & PROTECT EXISTING CONCRETE RETAINING WALL

17 INSTALL PRESSURE REGULATOR; RE: PLUMBING FOR SIZING.

BUILDING DESIGNATOR

C - CENTENNIAL COTTAGE (N)

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
No. 17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

ALTERNATE NO.2 AREA 'E' UTILITY PLAN

SHEET TITLE:

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
JLP
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RDB

DRAWING NO.:

C5.6

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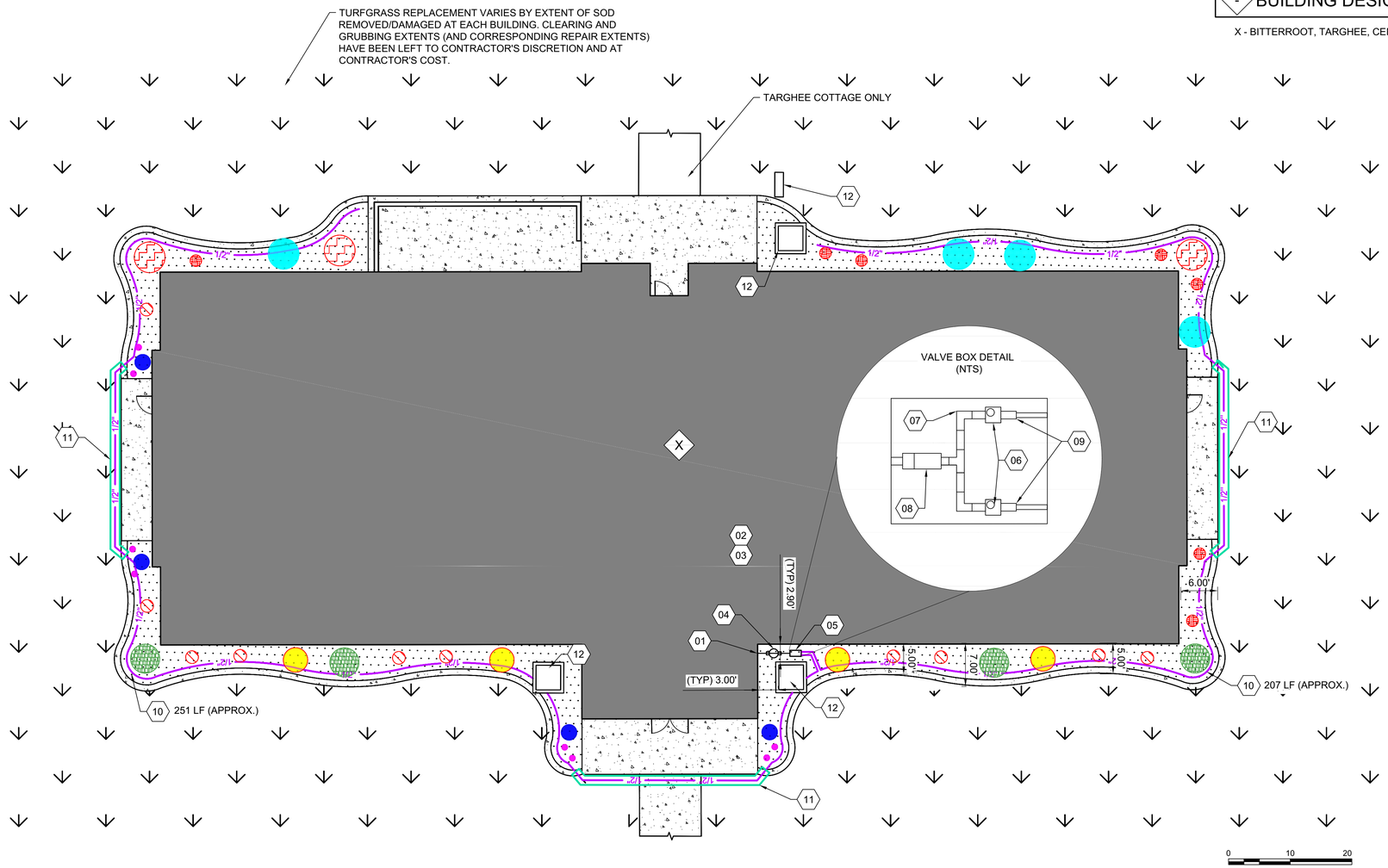
DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Star Valley Township
Planning & Zoning Commission
This is not a building permit

This approval is granted subject to the following conditions: 1. Approval is granted for the plans and specifications submitted to the Planning & Zoning Commission. 2. Approval is granted for the specific use(s) listed in the application. Any change in use shall require a new application. 3. Approval is granted for the specific location(s) listed in the application. Any change in location shall require a new application. 4. Approval is granted for the specific time period(s) listed in the application. Any change in time period shall require a new application. 5. Approval is granted for the specific number of employees listed in the application. Any change in number of employees shall require a new application. 6. Approval is granted for the specific number of customers listed in the application. Any change in number of customers shall require a new application. 7. Approval is granted for the specific number of vehicles listed in the application. Any change in number of vehicles shall require a new application. 8. Approval is granted for the specific number of parking spaces listed in the application. Any change in number of parking spaces shall require a new application. 9. Approval is granted for the specific number of signs listed in the application. Any change in number of signs shall require a new application. 10. Approval is granted for the specific number of lights listed in the application. Any change in number of lights shall require a new application. 11. Approval is granted for the specific number of trees listed in the application. Any change in number of trees shall require a new application. 12. Approval is granted for the specific number of shrubs listed in the application. Any change in number of shrubs shall require a new application. 13. Approval is granted for the specific number of flowers listed in the application. Any change in number of flowers shall require a new application. 14. Approval is granted for the specific number of grasses listed in the application. Any change in number of grasses shall require a new application. 15. Approval is granted for the specific number of ground cover listed in the application. Any change in number of ground cover shall require a new application.



BUILDING DESIGNATOR

X - BITTERROOT, TARGHEE, CENTENNIAL (N)

GENERAL SHEET NOTES

1. FURNISH MATERIALS WHERE "INSTALL", "PLACE", OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
2. CONTRACTOR TO COORDINATE COMPATIBLE THREADS AND/OR CONNECTIONS BETWEEN ALL IRRIGATION PIPING, FITTINGS, VALVES, AND ACCESSORIES.
3. APPLY PRE-EMERGENT HERBICIDE TO SOIL PER MANUFACTURER'S DIRECTIONS IN ALL ROCK MULCH AREAS PRIOR TO INSTALLATION OF WEED BARRIER FABRIC. BARRICADE OR EQUAL.
4. CONTRACTOR SHALL INSTALL WEED BARRIER FABRIC BELOW ALL ROCK MULCH AREAS; RE: SPECIFICATIONS.
5. AMEND ALL TREE AND SHRUB PITS WITH ENGINEER APPROVED SOIL ENHANCER TO MANUFACTURER'S DIRECTIONS. BIO-LOGIC OR EQUAL.
6. CONTRACTOR IS TO PLANT TREES SHOWN IN PLANTING LEGEND IN LOCATIONS DIRECTED BY THE OWNER. IN NO CASE SHALL TREES BE PLANTED OVER UTILITY LINES WITHOUT APPROVAL OF THE ENGINEER.
7. IRRIGATION SYSTEM FOR SOD TURFGRASS AREAS IS TO BE REBUILT BY THE CONTRACTOR TO PROVIDE ADEQUATE COVERAGE OF POST-CONSTRUCTION TURF AREAS. SUBMIT IRRIGATION PLAN FOR ENGINEER APPROVAL. SEE CIVIL GENERAL NOTES AND CONTRACT DOCUMENTS REGARDING IRRIGATION ALLOWANCE. WATER FOR THESE AREAS IS TO COME FROM CAMPUS PRESSURIZED IRRIGATION SYSTEM, NOT FROM BUILDING POTABLE WATER.
8. ENGINEER/OWNER/ARCHITECT RESERVE THE RIGHT TO REJECT ANY PLANT MATERIALS PRIOR TO FINAL COMPLETION THAT ARE DAMAGED, DISEASED, DEAD, OR OTHERWISE UNLIKELY TO THRIVE AFTER CONSTRUCTION.

SHEET KEYNOTES

01 INSTALL 1-INCH PE IRRIGATION TUBING FROM FIRE RISER ROOM; RE: PLUMBING

02 INSTALL IRRIGATION TIMER IN FIRE RISER ROOM. RUN CONDUIT FOR WIRING TO EXTERIOR IRRIGATION VALVE BOX.

03 INSTALL ISOLATION VALVE ON IRRIGATION LINE; RE: PLUMBING

04 INSTALL 1-INCH BACKFLOW PREVENTION ASSEMBLY CONSISTING OF GALVANIZED RISERS (EACH WITH UNION), ATMOSPHERIC PRESSURE VACUUM BREAKER (ZURN-WILKINS OR EQUIVALENT), AND 1/4-INCH THREADED FEMALE PORT W/ PLUG DOWNSTREAM OF PVB FOR SYSTEM BLOWOUT.

05 INSTALL 14X19 RECTANGULAR VALVE BOX AND LID; SEE DETAIL THIS SHEET

06 INSTALL 1-INCH SOLENOID VALVE AND WIRE TO IRRIGATION TIMER.

07 INSTALL 1-INCH PE IRRIGATION PIPING W/ BARBED FITTINGS.

08 INSTALL FILTER W/ REMOVABLE CARTRIDGE.

09 INSTALL 25-30 PSI PRESSURE REDUCER AND TRANSITION TO 0.5-INCH POLY DRIP TUBING.

10 INSTALL 0.5-INCH POLY DRIP TUBING BETWEEN WEED BARRIER AND ROCK MULCH. PROVIDE ENDS WITH REMOVABLE CAP. EXTEND 0.5 INCH LATERALS TO INDIVIDUAL PLANTS WITH PRESSURE COMPENSATING DRIPPERS PER PLANT LEGEND.

11 INSTALL 1.5-INCH SCH 40 PVC SLEEVE AROUND OR UNDER CONCRETE WALKWAY.

12 INSTALL PRECAST CONCRETE SPLASH BLOCKS AND DOWN SPOUT; RE: A8.1 AND E/A8.3. LOCATIONS SHOW ARE APPROXIMATE, POSITION AS NECESSARY TO BEST CATCH ROOF DRAINAGE.

PLANTING LEGEND:

SYMBOL	CODE	COMMON NAME	SCIENTIFIC NAME	SIZE	QTY	DRIPPER (GPH)	# OF DRIPPERS
SHRUBS AND PERRENIALS:							
	DLY	DAYLILY	HEMEROCALLIS	#2	9	1	1
	PS	PRAIRIE SMOKE	GEUM TRIFLORUM	#1	8	0.5	1
	GLD	GOLD DROP POTENTILLA	POTENTILLA FRUTICOSA	#5	4	1	1
	SPR	GARLAND SPIREA	SPIREA X CINEREA 'GREFSHEIM'	#5	4	1	2
	BOG	BLUE OAT GRASS	HELICTOTRICHON SEMPERVIRENS	#1	4	0.5	1
	RED	VARIEGATED RED TWIG DOGWOOD	CORNUS ALBA 'ELEGANTISSIMA'	#5	3	1	2
	BLD	GOLD HEART BLEEDING HEART	DICENTRA SPECTABILIS 'GOLD HEART'	#2	7	1	1
	HYD	BLUE ENCHANTRESS HYDRANGEA	HYDRANGEA MACROPHYLLA 'MONMAR'	#5	4	1	2
TREES:							
SEE GENERAL SHEET NOTE #6	MPL	BIG TOOTH MAPLE	ACER GRANDIDENTATUM NUTT.	2" CALIPER	1	-	-
	LLL	LITTLE LEAF LINDEN	TILIA CORDATA	2" CALIPER	1	-	-
	CBS	COLORADO BLUE SPRUCE	PICEA PUNGENS	5 FT TALL (MIN)	2	-	-
	CA	ROYAL RAINDROP CRABAPPLE	MALUS X 'ROYAL RAINDROP'	1.5" CALIPER	2	-	-

TURFGRASS LEGEND:							
	SOD	KENTUCKY BLUEGRASS	POA PRATENSIS	SOD STRIPS OR ROLLS	TO MATCH EXTENTS OF DISTURBED AREA	-	-

HARDSCAPE LEGEND:

SYMBOL	QTY	DESCRIPTION
	1754 SF	1.5"-2.5" DIA. HORSE CREEK WASHED ROCK MULCH (HK, WOLVERINE, OR EQUAL) PLACED TO 4" DEPTH OVER WEED BARRIER.
	387 LF	12"X4" FLAT MOW CURB; RE: B4/A4.5. SCORE AT 5-FT MINIMUM INTERVALS. FOLLOW GROUND CONTOUR.

PROFESSIONAL ENGINEER — LICENSED — RILEY D. BRADSHAW — 17828 — STATE OF IDAHO — 3/31/2023

KELLER ASSOCIATES

nbwarchitects p.a. — ARCHITECTURE / PLANNING / INTERIORS

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: GENERAL BUILDING LANDSCAPE PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: JLP
CHECKED BY: RDB

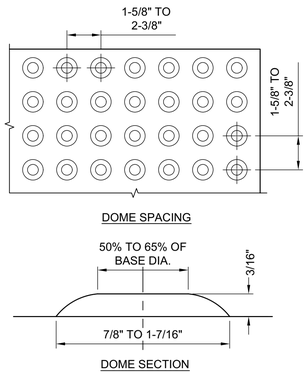
DRAWING NO.: C6.0

J:\2021\06-078 JCC COTTAGES\C_DESN_CAD\3_DESIGN\D_PLANS-11500_PROJ DETAILS\C6.0 LANDSCAPE.DWG
LAST SAVED: 2/3/2023 8:16 AM
PRINTED: 3/31/2023 1:08 PM

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

Approved
Structure Hidden
Contact Building Safety
for more information

This is not a building permit

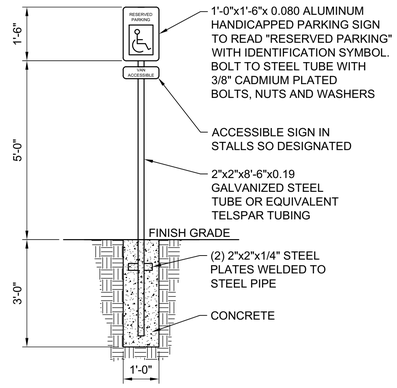


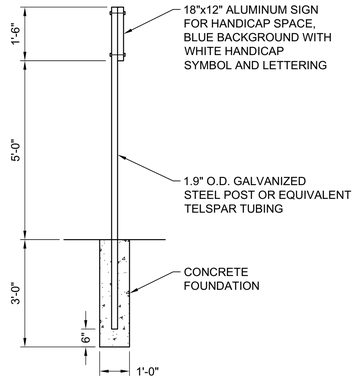
NOTES:

1. DETECTABLE WARNING SURFACE SHALL BE REPLACEABLE AND 24" WIDE IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP, LANDING OR BLEND TRANSITION.
2. DETECTABLE WARNING SURFACES CONSIST OF TRUNCATED DOMES ALIGNED IN A SQUARE OR RADIAL GRID PATTERN.
3. DETECTABLE WARNING DOMES SHALL BE PRE-MANUFACTURED UNITS INTEGRALLY CAST INTO CONCRETE RAMP TO ACHIEVE THE TRUNCATED DOME DIMENSIONS AND SPACING SHOWN IN PLAN. INSTALL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
4. METHODS OF CONSTRUCTION AND COLORATION MUST BE APPROVED BY THE OWNER PRIOR TO INSTALLATION. SUBMIT STANDARD MANUFACTURERS COLOR TO OWNER FOR COLOR SELECTION. SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

C1500 DETECTABLE WARNING FOR PEDESTRIAN ACCESS

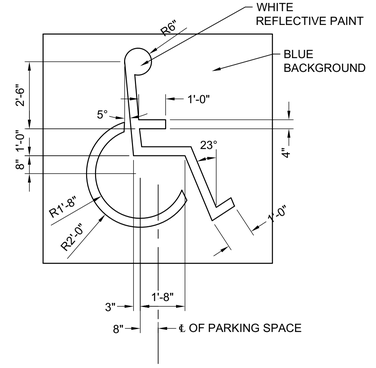
N.T.S.





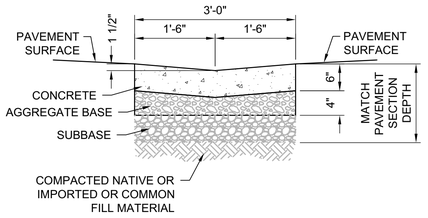
C8011 ACCESSIBLE PARKING SIGN

1/2" = 1'-0"



C8101 ACCESSIBLE SYMBOL

3/8" = 1'-0"

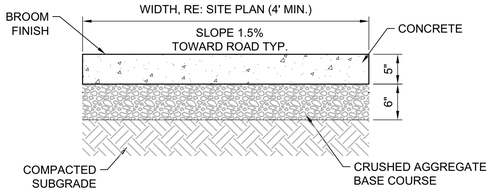


NOTES:

1. PLACE EXPANSION JOINT MATERIAL AT TERMINAL POINTS OF RADII, ADJACENT TO STRUCTURES AND 60-FEET MAXIMUM SPACING.
2. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 8-FEET MAXIMUM SPACING.
3. SEE SPECIFICATIONS FOR MATERIALS, PLACEMENT & COMPACTION REQUIREMENTS.

C1251 VALLEY GUTTER - 3 FOOT

3/4" = 1'-0"



SIDEWALK EDGE

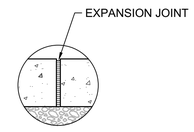
NOTES:

1. PLACE EXPANSION JOINT MATERIAL ADJACENT TO STRUCTURES AND 60 FEET MAXIMUM SPACING.
2. CONTINUOUS PLACEMENT PREFERRED, CONTROL JOINT INTERVALS AT 5 FEET MAXIMUM SPACING.
3. SEE SPECIFICATIONS FOR MATERIALS, PLACEMENT & CONSTRUCTION REQUIREMENTS.
4. PREPARE SUBGRADE IN ACCORDANCE WITH SPECIFICATIONS.

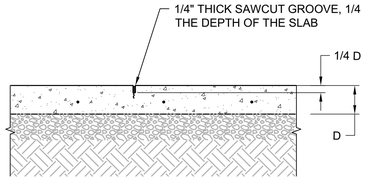
C1401 CONCRETE SIDEWALK

N.T.S.

CONTROL JOINT



EXPANSION JOINT

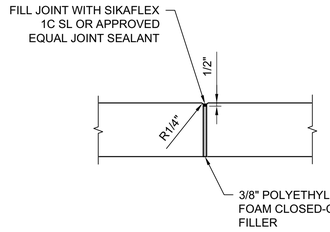


NOTES:

1. CONTROL JOINT AT MAXIMUM SPACING OF 24 D. MAXIMUM PANEL LENGTH TO WIDTH RATIO IS 2 TO 1.
2. FILL WITH JOINT SEALER TO 1/4" BELOW SURFACE.

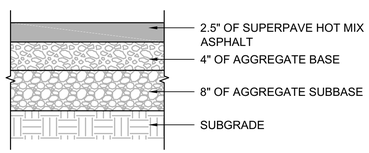
C1431 CONTROL JOINT

N.T.S.



C1433 EXPANSION JOINT - NON-REINFORCED SIDEWALK

N.T.S.

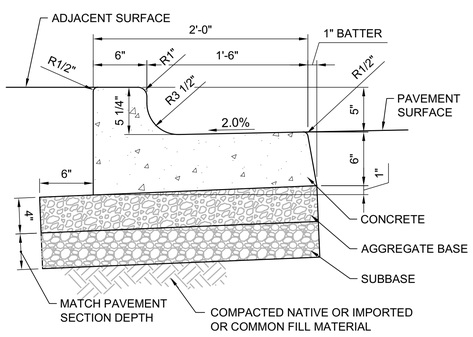


NOTES:

1. SEE SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION REQUIREMENT.
2. PREPARE SUBGRADE IN ACCORDANCE WITH SPECIFICATIONS.

C1003 ASPHALT PAVEMENT - PARKING LOT

N.T.S.

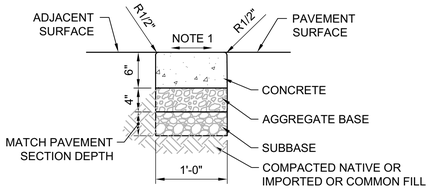


NOTES:

1. PLACE EXPANSION JOINT MATERIAL AT TERMINAL POINTS OF RADII, ADJACENT TO STRUCTURES AND 60-FEET MAXIMUM SPACING.
2. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 8-FEET MAXIMUM SPACING.
3. SEE SPECIFICATIONS FOR MATERIALS, PLACEMENT & COMPACTION REQUIREMENTS.
4. ADJACENT WALKING SURFACES TO BE FLUSH WITH TOP OF CURB. ADJACENT LAWN OR LANDSCAPE SURFACES TO BE 1-INCH BELOW TOP OF CURB.

C1201 STANDARD CURB & GUTTER

1-1/2" = 1'-0"



NOTES:

1. SLOPE CURB TO MATCH PAVEMENT SLOPE DIRECTION.
2. PLACE EXPANSION JOINT MATERIAL AT TERMINAL POINTS OF RADII, ADJACENT TO STRUCTURES AND 60-FEET MAXIMUM SPACING.
3. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 8-FEET MAXIMUM SPACING.
4. SEE SPECIFICATIONS FOR MATERIALS, PLACEMENT & COMPACTION REQUIREMENTS.
5. ADJACENT WALKING SURFACES TO BE FLUSH WITH TOP OF CURB. ADJACENT LAWN OR LANDSCAPE SURFACES TO BE 1-INCH BELOW TOP OF CURB.

C1231 RIBBON CURB - 1 FOOT

1" = 1'-0"

PROFESSIONAL ENGINEER
Signature
RILEY D. BRADSHAW
17888
3/31/2023
STATE OF IDAHO

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
940 2ND AVENUE NORTH / P.O. BOX 2317 / IDAHO FALLS, IDAHO 83403-2317
OFFICE 208.522.8111 / FAX 208.522.8181 / nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGE'S

2220 E 600 N
ST. ANTHONY, IDAHO 83445

STANDARD DETAILS

PROJECT:

SHEET TITLE:

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
--JLP
CHECKED BY:
--RDB

DRAWING NO.:

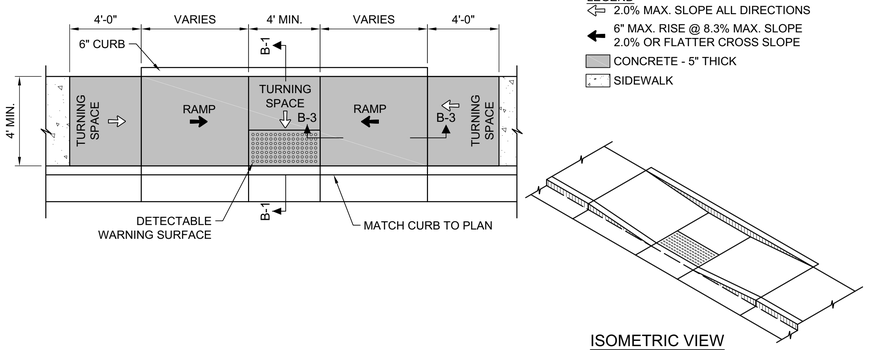
C6.1

J:\2021\21023-078 JCC COTTAGES\C_DESIN_CAD\3_DESIGN\D_PLANS-1\500_PROJ DETAILS\C6.1 CIVIL DETAILS.DWG LAST SAVED: 1/31/2023 3:27 PM PRINTED: 3/31/2023 1:08 PM

DocuSign Envelope ID: E2B05F5B-4E0D-4288-B3BA-344502BC8B41

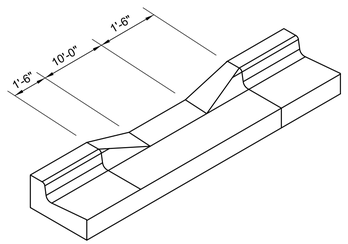
Approved
Idaho Building Safety
This is not a building permit

This plan is approved by the City of St. Anthony for compliance with the City's adopted codes. The approval of this plan does not relieve the applicant of responsibility to comply with all applicable codes, ordinances, and regulations. This is not a building permit.



C1 PEDESTRIAN CURB RAMP - TYPE 'B1' LAYOUT

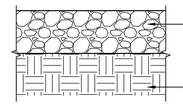
N.T.S.



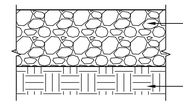
C4 TYPICAL CURB CUT

N.T.S.

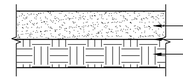
CONSTRUCTION ENTRANCE



SOFT SUBGRADE SOIL AREAS



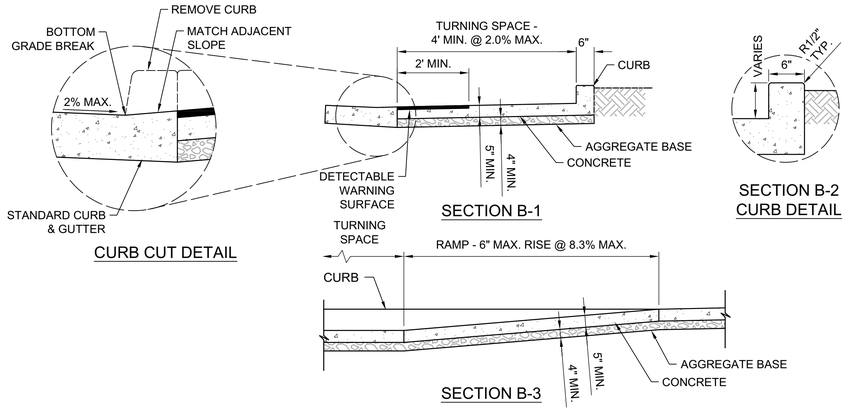
TYPICAL



NOTES:
1. COMPACT SUBGRADE, SUBBASE, BASE AND GRAVEL SURFACING TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D698.
2. CRUSHED AGGREGATE TO BE TYPE 1 (3/4-INCH) PER ISPWC 802.2.2.
3. SUBGRADE SEPARATION FABRIC TO BE NONWOVEN GEOTEXTILE; RE: SPECIFICATIONS
4. CONSTRUCT ENTRANCES TO BE 10-FT WIDE BY 30-FT TO 50-FT LONG. RE: GEOTECHNICAL REPORT REPORT.
5. REEFER TO GEOTECTNICAL REPORT FOR ADDITIONAL SOFT SUBGRADE SOIL RECOMMENDATIONS.

B5 GRAVEL LAYDOWN AREAS AND TEMPORARY CONSTRUCTION ROADWAY

N.T.S.



NOTES:
1. THESE SECTIONS AND NOTES ARE RELATED TO ALL TYPE 'B' PEDESTRIAN CURB RAMPS (PARALLEL STYLE), SEE LAYOUT DETAIL FOR MORE INFORMATION.
2. PARALLEL CURB RAMPS HAVE A RAMP OR RAMPS IN-LINE WITH THE DIRECTION OF SIDEWALK TRAVEL AND LOWER THE SIDEWALK TO A LEVEL TURNING SPACE WHERE A TURN IS MADE TO ENTER THE PEDESTRIAN STREET CROSSING.
3. ALL CONCRETE ADJOINING THE RADIUS WITHIN AND AROUND THE RAMPS TO BE 5" THICK WITH 4" OF 3/4" AGGREGATE BASE.
4. ALIGN ALTERNATING CURB AND SIDEWALK JOINTS. CONSTRUCT JOINTS APPROXIMATELY 1/8" WIDE AND 3/4" IN DEPTH.
5. ALL RAMP SURFACES TO BE 8.3% (12:1) MAXIMUM SLOPE TO CONFORM WITH ADA REQUIREMENTS.
6. THE RAMP THROAT WIDTH TO BE 4' MINIMUM MEASURED PERPENDICULAR TO THE THROAT DEPTH OF THE RAMP.
7. PROVIDE A 4'X4' TURNING SPACE (LANDING) AT TOP AND BOTTOM WITH A 2.0% OR FLATTER SLOPE IN EACH DIRECTION. TURNING SPACES MAY OVERLAP WITH OTHER TURNING SPACES AND CLEAR SPACE.
8. THE CROSS SLOPE OF THE RAMP AND TURNING SPACE SHALL NOT EXCEED 2%. CROSS SLOPE IS MEASURED PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
9. ENSURE THAT GRADE BREAKS ARE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN AND ARE FLUSH. DO NOT CREATE GRADE BREAKS ON THE SURFACE OF RAMP RUNS AND TURNING SPACES.
10. ENSURE THAT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF THE CURB RAMP RUNS DO NOT EXCEED TWO PERCENT.
11. THE PEDESTRIAN CIRCULATION PATH IS A PREPARED SURFACE PROVIDED FOR PEDESTRIAN TRAVEL IN THE PUBLIC RIGHT-OF-WAY. THE PEDESTRIAN ACCESS ROUTE IS A CONTINUOUS AND UNOBSTRUCTED PATH OF TRAVEL PROVIDED FOR PEDESTRIANS WITH DISABILITIES WITHIN OR COINCIDING WITH A PEDESTRIAN CIRCULATION PATH.
12. WHERE PRACTICAL, PLACE UTILITY COVERS, VAULT FRAMES, AND GRATINGS OUTSIDE RAMP RUNS, TURNING SPACES, OR GUTTER AREAS. LOCATE CATCH BASINS AND INLETS OUTSIDE OF RAMP RUNS AND FLARES.
13. PROVIDE DETECTABLE WARNING SURFACE TO WARN PEDESTRIANS WHEN THE PEDESTRIAN ACCESS ROUTE ENTERS TRAFFIC. SEE "DETECTABLE WARNING SURFACE FOR PEDESTRIAN ACCESS" DETAIL FOR INSTALLATION AND LOCATION.

A3 PEDESTRIAN CURB RAMP TYPE 'B' - SECTIONS & NOTES

N.T.S.

PROFESSIONAL ENGINEER
LICENSED
RILEY D. BRADSHAW
17888
STATE OF IDAHO
3/31/2023

KELLER ASSOCIATES

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
940 2ND AVENUE/PO BOX 2317/IDAHO FALLS, IDAHO 83403-2317
OFFICE 208.522.8111 FAX 208.522.8181 WEB www.nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGE'S
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: PROJECT DETAILS

REVISIONS

1a	OBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
--JLP
CHECKED BY:
--RDB

DRAWING NO.:
C6.2

J:\208106-078 JCC COTTAGES\C_DESN_CAD\3_DESIGN\D_PLANS-11500_PROJ DETAILS\C6.2 CIVIL DETAILS.DWG LAST SAVED: 3/31/2023 11:33 AM PRINTED: 3/31/2023 1:08 PM

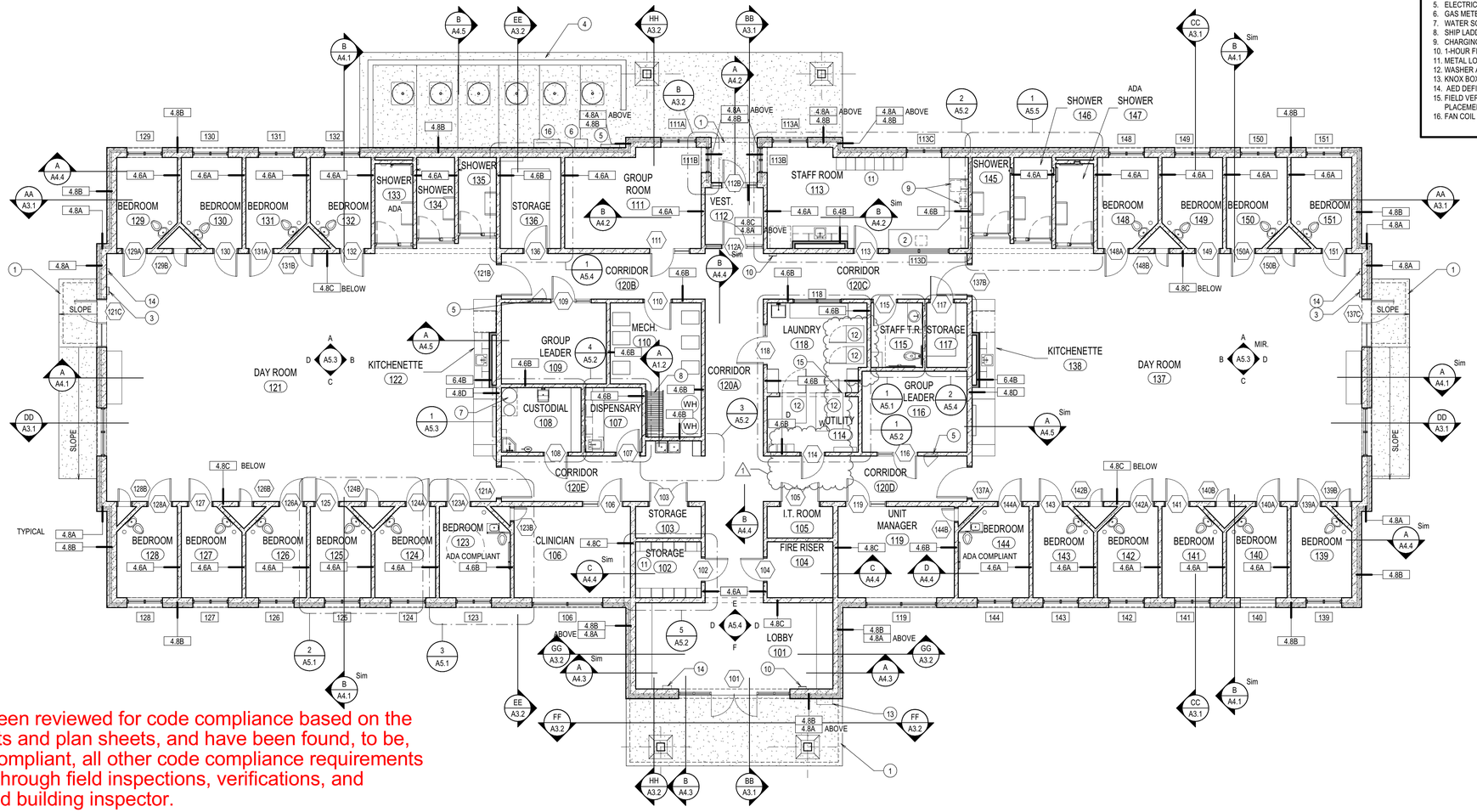
Approved
Shelby Idaho Building Safety
Date: 6/01/2023
By: BSO
Permit Number: 2023-000
This approval is for the construction documents only. The approval of these documents does not authorize any violation of any code, law or ordinance. The approval of these documents does not prevent the building official from requiring corrections to errors in the documents. The approval of these documents does not authorize any work to be done beyond the limits of the lot or parcel of property upon which the building is to be located. The approval of these documents does not prevent the building official from requiring corrections to errors which are discovered after such approval. This is not a building permit

GENERAL NOTES

1. SEE ATTIC PLAN A8.4 FOR LOCATION OF ATTIC ACCESS HATCHES
2. SEE FINISH FLOOR PLAN A6.4 FOR CONCRETE CONTROL JOINT LAYOUT
3. SEE SHEET G1.2 FOR WALL TYPES
4. SEE SHEET A6.5 FOR LOCATION OF MARKER BOARDS

KEYNOTES

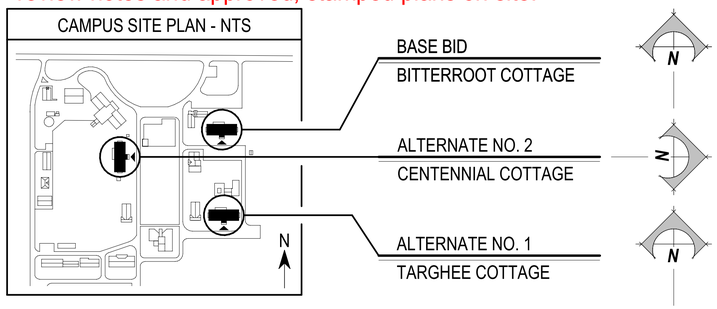
1. 6" FROST WALLS, 36" DEEP
2. CONTROL PANEL BY CONTRACTOR
3. SEMI-RECESSED FIRE EXTINGUISHER CABINET
4. MOW STRIP
5. ELECTRICAL PANEL
6. GAS METER
7. WATER SOFTENER, SEE MECHANICAL
8. SHIP LADDER ASSEMBLY. PAINT.
9. CHARGING STATION AND PRINTER BY OWNER
10. 1-HOUR FIRE RATED, SEMI-RECESSED FIRE EXTINGUISHER CABINET
11. METAL LOCKERS
12. WASHER AND DRYER ATTACHED TO FLOOR/WALL, SEE MECHANICAL
13. KNOX BOX
14. AED DEFIBRILLATOR CABINET
15. FIELD VERIFY SIZE OF OPENING. ADJUST ACCORDING TO EQUIPMENT PLACEMENT AND SIZE
16. FAN COIL SPLIT SYSTEM A/C UNIT, SEE MECHANICAL



These plans have been reviewed for code compliance based on the submitted documents and plan sheets, and have been found, to be, substantially code compliant, all other code compliance requirements shall be completed through field inspections, verifications, and approvals by the field building inspector.

See Plan Review notes: The plan review notes shall always be attached to the stamped approved plans and documents. These are part of the plans and shall be a permanent record with the plans. Inspection shall not take place without a complete set of the Idaho Division of Occupational and Professional Licenses (IDOPL) plan review notes and approved, stamped plans on site.

CAMPUS SITE PLAN - NTS



MAIN FLOOR PLAN

SCALE: 1/8" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
06-10339
STATE OF IDAHO
02/01/2023

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8795 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MAIN FLOOR PLAN

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: KP
CHECKED BY: JHW

DRAWING NO.: A1.1

5/24/2023 1:56:14 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review - COMM
Permit Number: B-2023-0000
Approved Date: 6/1/2023
The approval of plans and specifications does not permit the violation of any section of the Idaho Codes or adopted rules. The approval is valid for one year from the approved date. Work must be started and inspected within one year from the approved date or the approval is void. Approved plans must be kept on the jobsite during inspected work. Inspections are required.
This is not a building permit

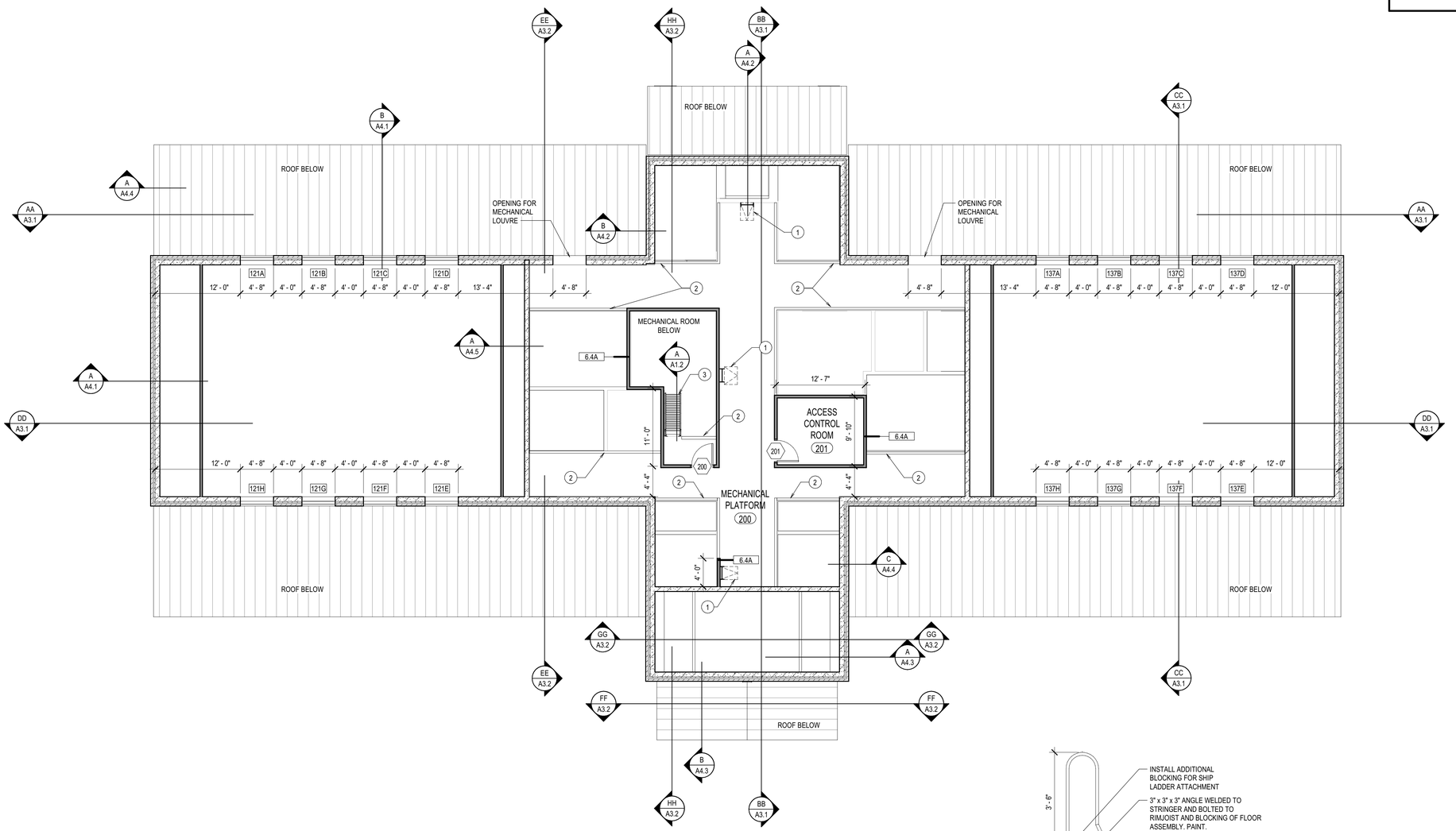
1a

GENERAL NOTES

1. SEE ATTIC PLAN A8.4 FOR LOCATION OF ALL ATTIC ACCESS HATCHES.
2. DIMENSIONS OF INTERIOR WOOD FRAMED WALLS ARE FROM FACE OF EXTERIOR CMU WALL TO CENTER OF WOOD FRAMED WALL.

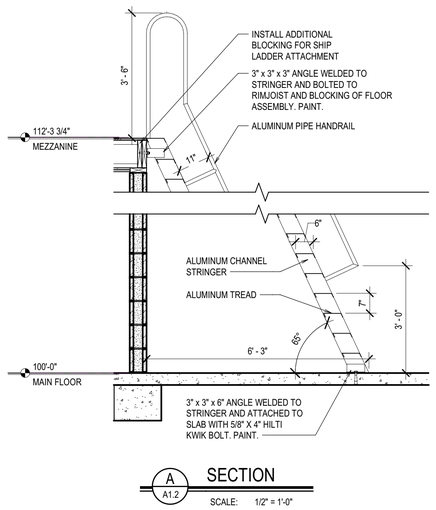
○ KEYNOTES

1. ATTIC ACCESS HATCH AND LADDER
2. GUARD RAIL. 2 x 4 WOOD FRAMING, TYPICAL. SEE DETAIL A/A3.2
3. SHIP LADDER ASSEMBLY. PAINT.



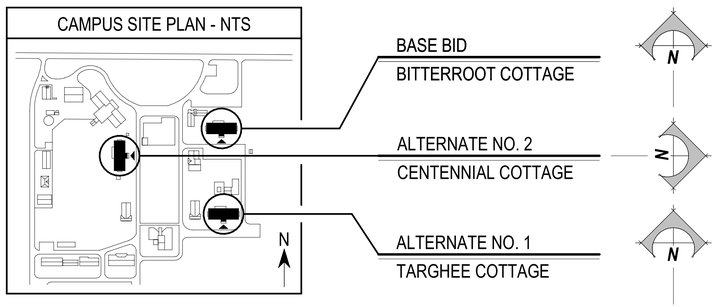
MEZZANINE PLAN

SCALE: 1/8" = 1'-0"



A SECTION (A/A1.2)

SCALE: 1/2" = 1'-0"



BASE BID
BITTERROOT COTTAGE

ALTERNATE NO. 2
CENTENNIAL COTTAGE

ALTERNATE NO. 1
TARGHEE COTTAGE

LICENSED ARCHITECT
JAMES W. HARRIS
06-03239
STATE OF IDAHO
02/01/2023

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(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MEZZANINE PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

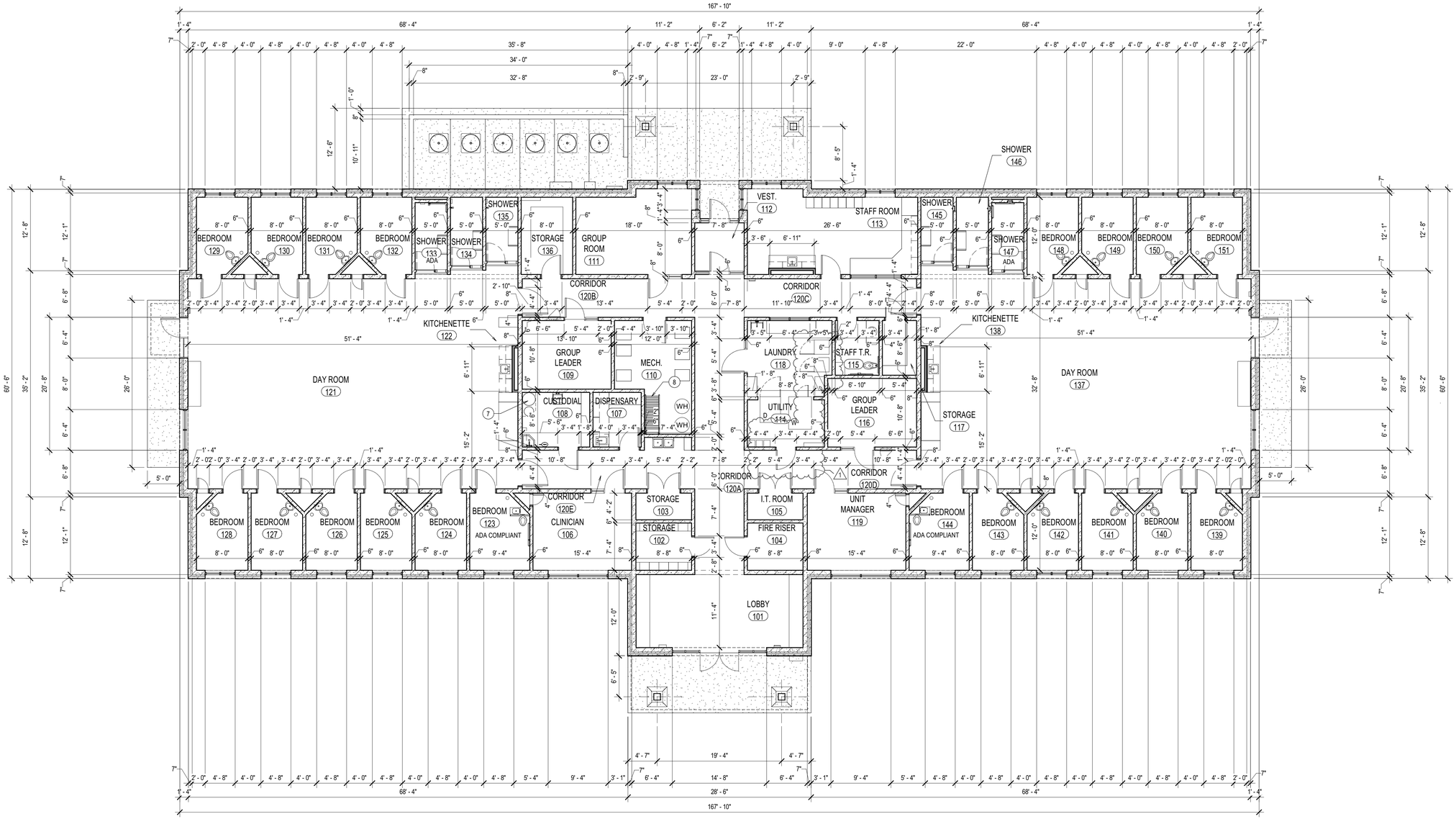
A1.2

3/28/2023 11:28:34 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

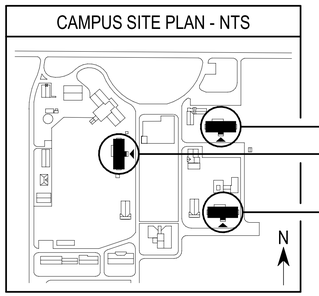
Approved
Teton County Building Safety
Date: 6/01/2023
By: Building Official
Permit Number: 23-0000
Approval is granted on the condition that the proposed building or structure, as shown on these plans, and the proposed use of the building or structure comply with all applicable codes and ordinances of Teton County, Idaho. The approval of these plans or issuance of a permit based thereon shall not prevent the building official from requiring the correction of errors in the plans or construction. This is not a building permit

GENERAL NOTES

1. EXTERIOR DIMENSIONS ARE TO FACE OF FOUNDATION AND FACE OF CONCRETE MASONRY UNIT, U.N.O.
2. INTERIOR DIMENSIONS ARE TO FACE OF CONCRETE MASONRY UNIT, U.N.O.
3. INTERIOR DIMENSIONS OF STUD WALLS ARE TO CENTER OF STUD, U.N.O.



CAMPUS SITE PLAN - NTS



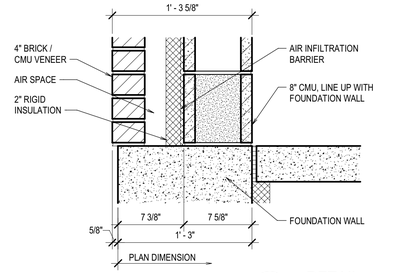
BASE BID
BITTERROOT COTTAGE

ALTERNATE NO. 2
CENTENNIAL COTTAGE

ALTERNATE NO. 1
TARGHEE COTTAGE

MAIN FLOOR PLAN - DIMENSIONS

SCALE: 1/8" = 1'-0"



A / A1.3 DETAIL

SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT JAMES A. WHITT No. 9339 STATE OF IDAHO 02/01/2023

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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MAIN FLOOR PLAN - DIMENSIONS

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

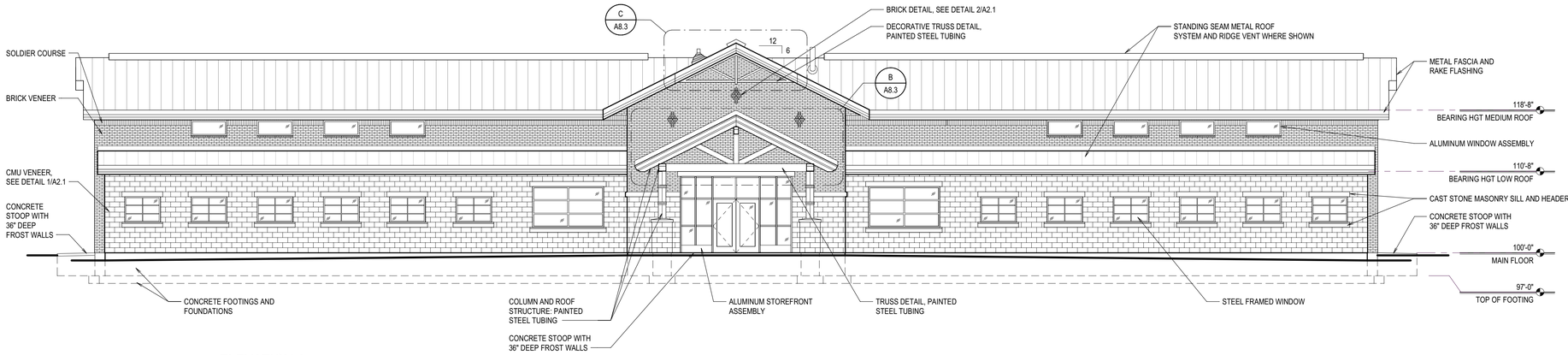
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

A1.3

5/24/2023 1:56:19 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

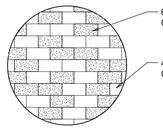
Approved
Structures Idaho Building Safety
Plan Review Group
Permit Number
Date Approved
Approved as noted
Approved as noted - Corrections required prior to construction
Not approved
The approval of plans and specifications does not permit the violation of any section of the building code or other ordinance of the jurisdiction.
The approval is void if construction does not commence within 180 days from date of approval.
This is not a building permit



ELEVATION A

SCALE: 1/8" = 1'-0"

RANDOM ASSORTMENT PATTERN - CMU



1 A2.1 DETAIL

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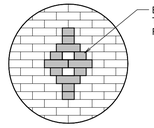

2 A2.1 DETAIL

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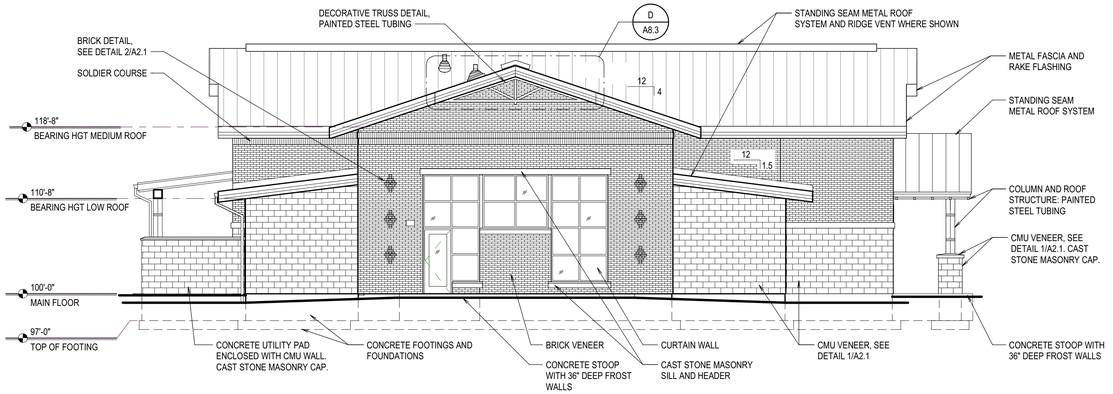

ELEVATION B

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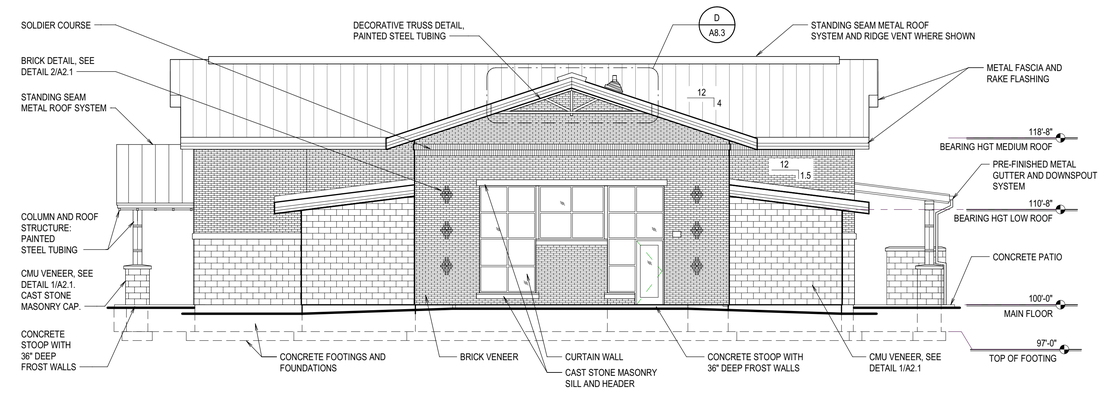

ELEVATION C

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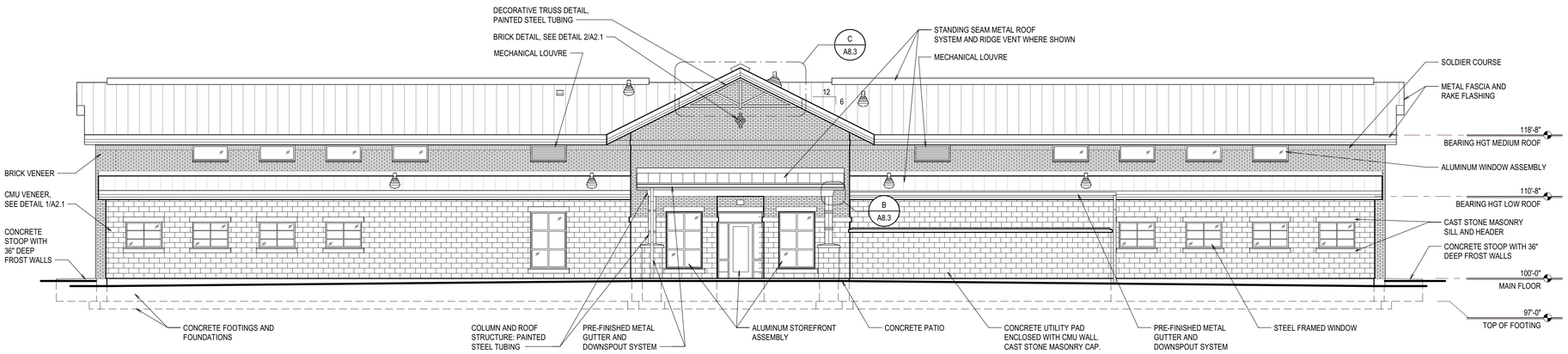

ELEVATION D

SCALE: 1/8" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
06-09239
STATE OF IDAHO
02/01/2023

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: BUILDING ELEVATIONS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

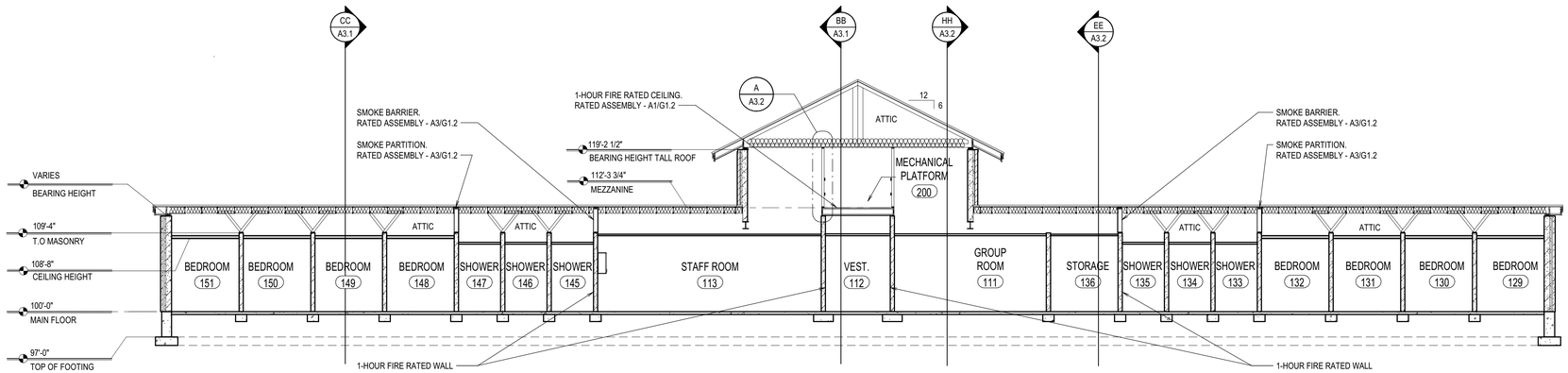
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

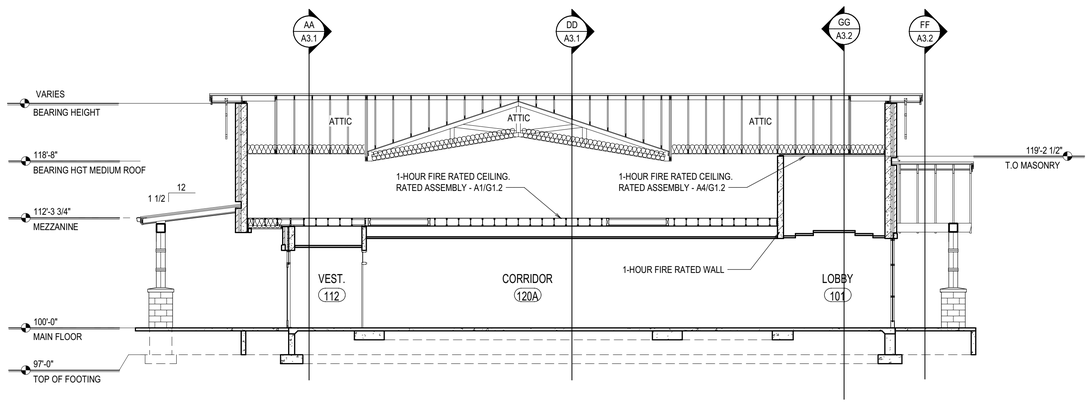
A2.1

3/28/2023 11:28:43 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Shoshone-Idaho Joint Powers Building Safety
Date: 6/01/2023
Permit #: 23-0000
Plan Review Comments: The approval of plans and specifications does not permit the violation of any section of the building code or other ordinance of the jurisdiction. The building official is not responsible for any omissions or errors on the plans and specifications or in construction. This approval must not be construed to be a permit for, or an approval of, any violation of any provisions of the building code or other ordinances of the jurisdiction.
This is not a building permit



AA A3.1 SECTION
SCALE: 1/8" = 1'-0"



BB A3.1 SECTION
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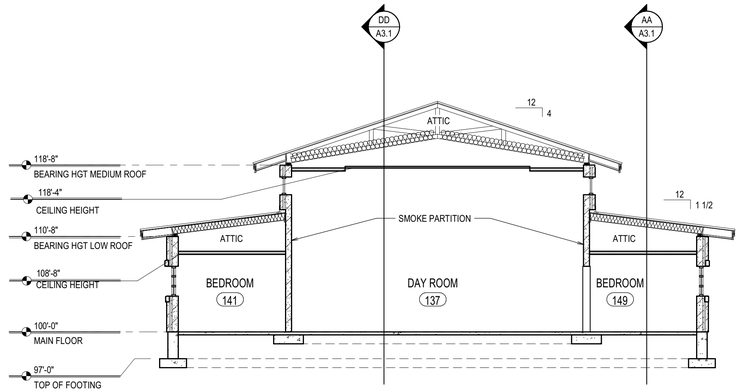

CC A3.1 SECTION
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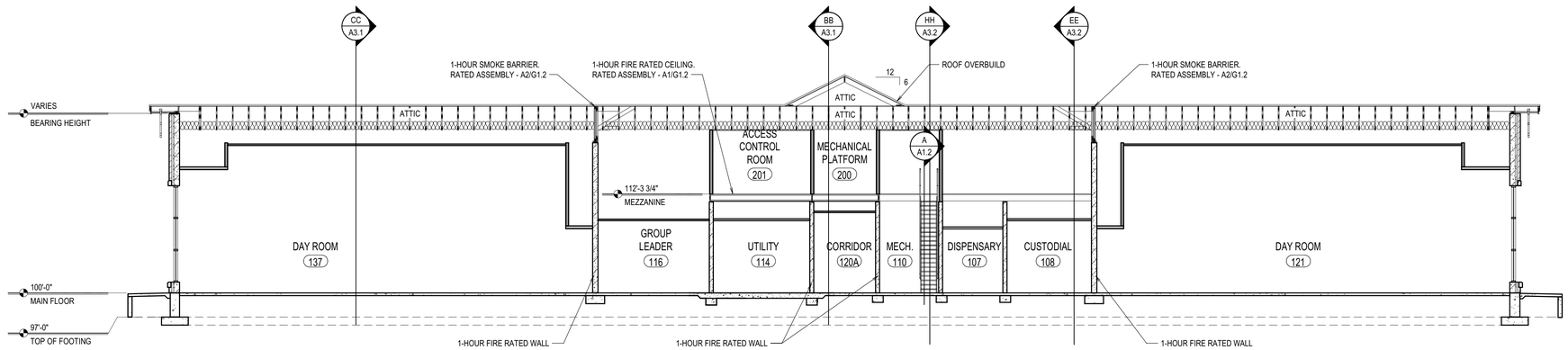

DD A3.1 SECTION
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LICENSED ARCHITECT
JAMES H. WHITE
AR-10339
STATE OF IDAHO
02/01/2023

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
BUILDING SECTIONS

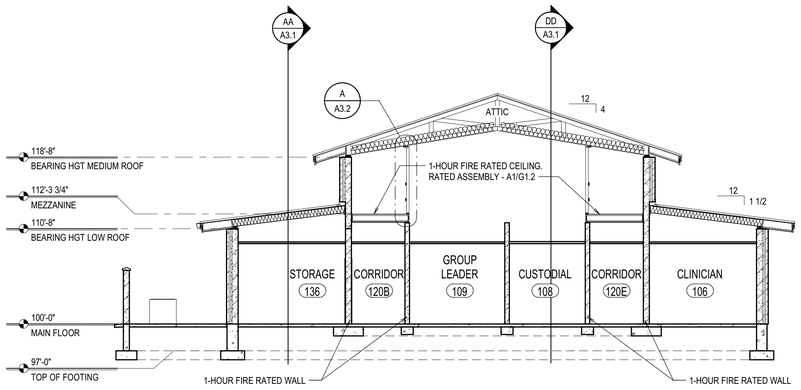
REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A3.1

Approved
State of Idaho
Division of Building Safety
Plan Review Group
Plan review is based on information provided by the applicant. The building official reserves the right to require additional information during construction to assure compliance with adopted codes and laws. The approval of plans is not to be construed as an approval of violations of adopted codes or laws. Permits shall be required as per code. Contractor is responsible for all job conditions including safety during construction.
This is not a building permit



EE A3.2 SECTION
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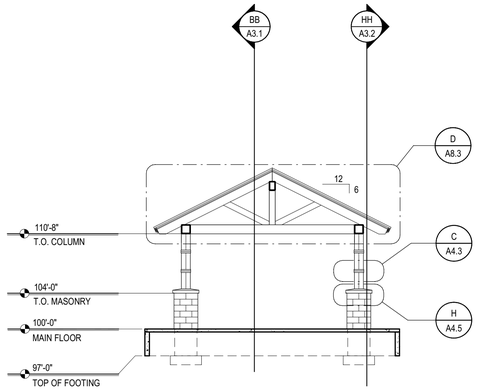

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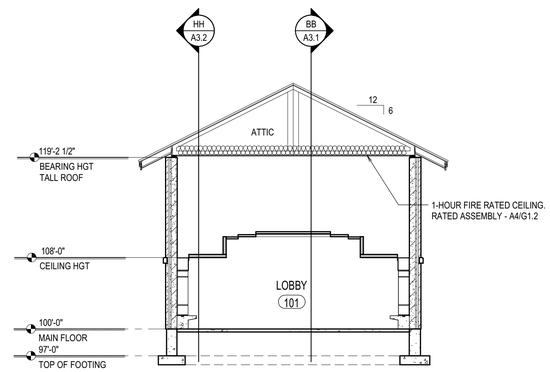

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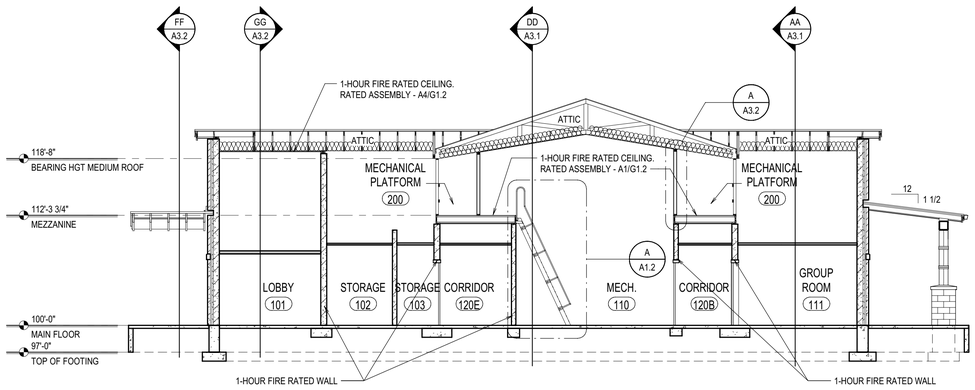

HH A3.2 SECTION
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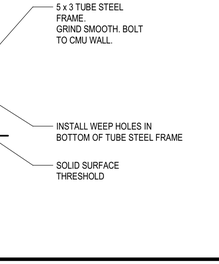
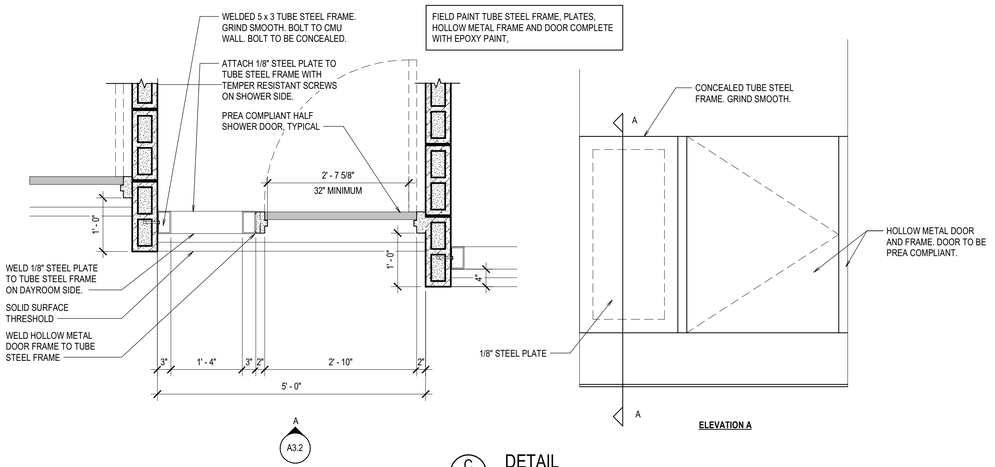


A A3.2 DETAIL
SCALE: 3/4" = 1'-0"

B A3.2 DETAIL
SCALE: 3/4" = 1'-0"



C A3.2 DETAIL
SCALE: 3/4" = 1'-0"

LICENSED ARCHITECT JAMES W. HOIT JR-20339 STATE OF IDAHO 02/01/2023
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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: BUILDING SECTIONS

REVISIONS

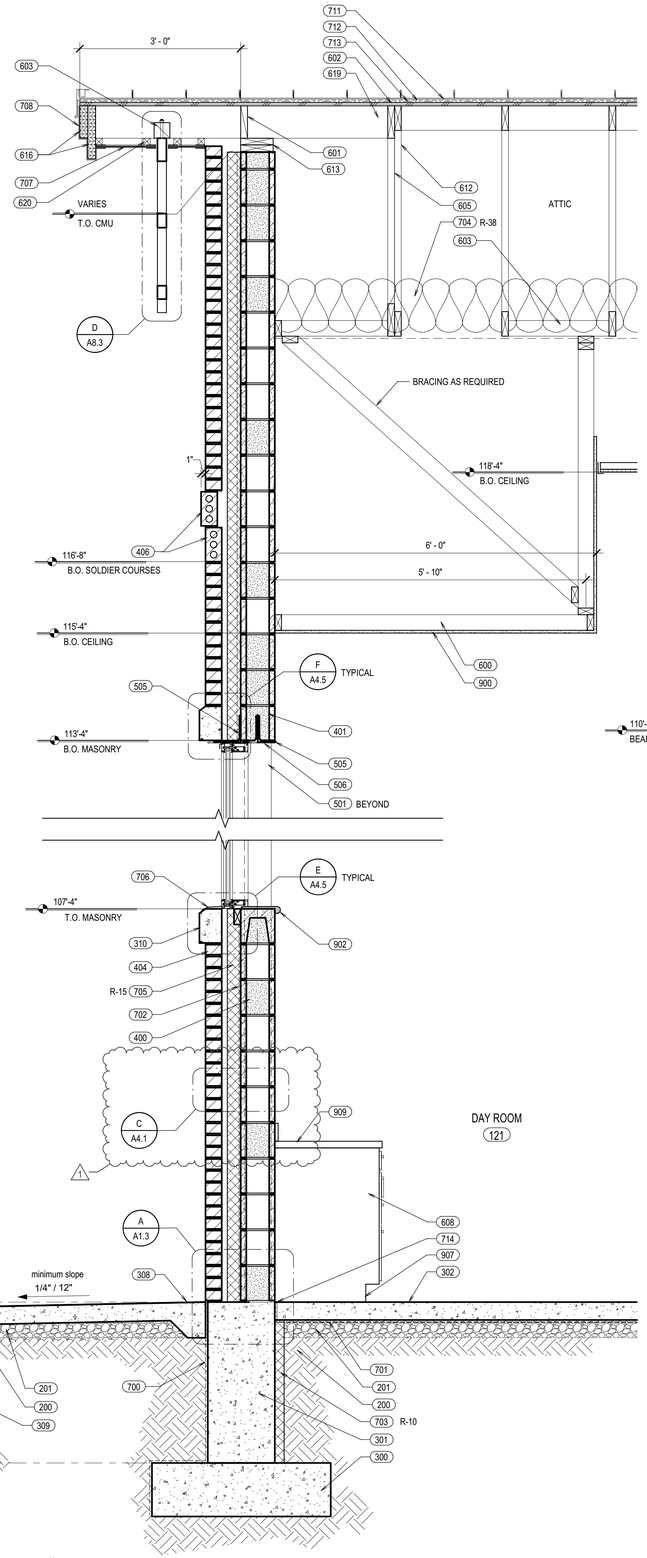
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

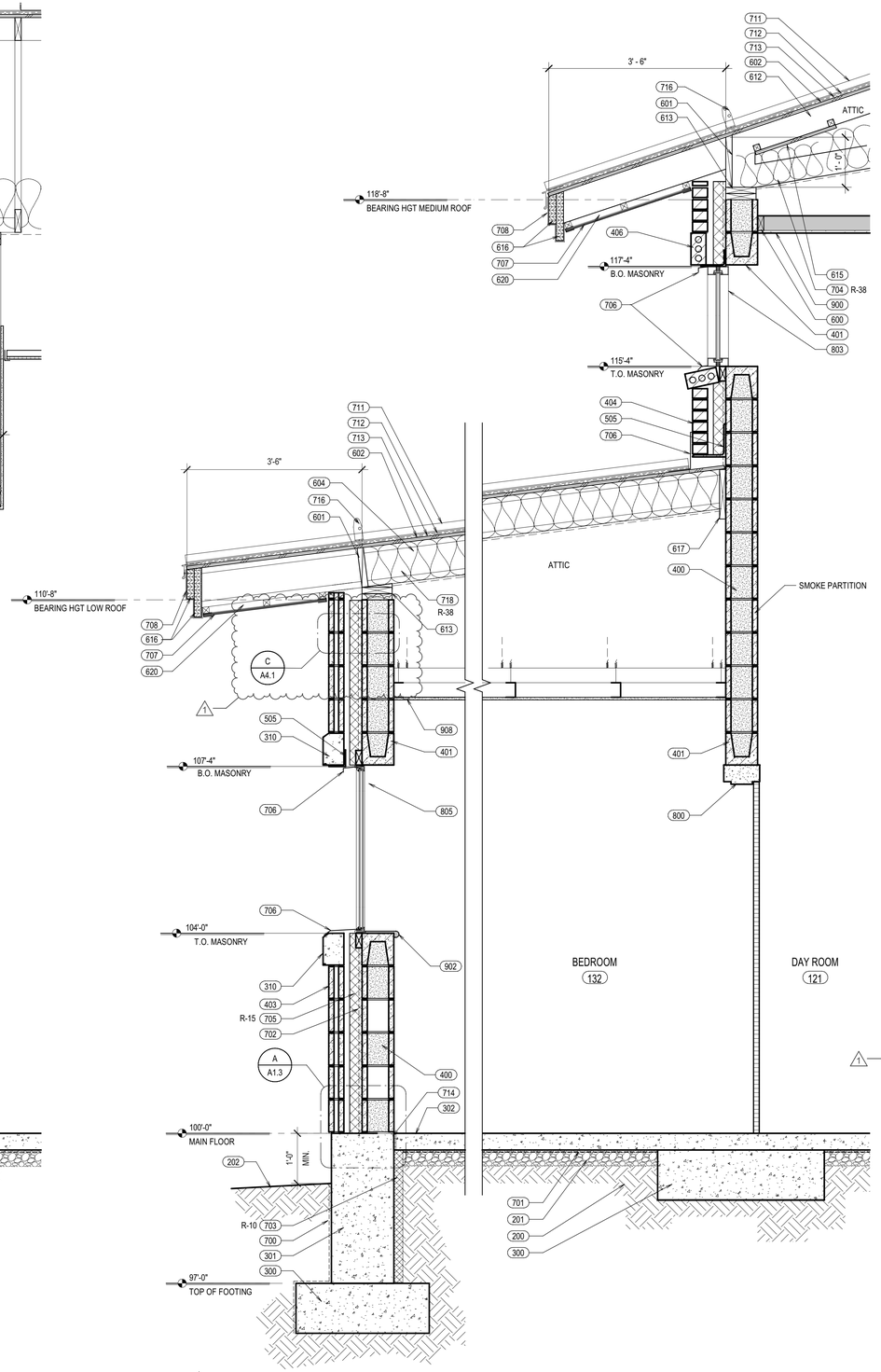
DRAWING NO.:
A3.2

3/28/2023 3:00:01 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structures Idaho
Date: 6/1/2023
By: Ryan Cook
Permit Number: 23-0000
This approval is for the structural components shown on the plans and does not include any other components. The approval is not to be construed as approval of the entire building system. Any deviations from building code requirements, whether shown on the plans or not, must be specifically approved in writing.
This is not a building permit



A WALL SECTION
A4.1
SCALE: 3/4" = 1'-0"

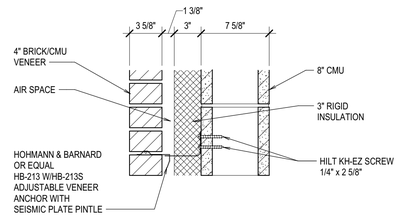


B WALL SECTION
A4.1
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

200	COMPACTED ENGINEERED FILL
201	COMPACTED DRAINAGE COARSE (4" MINIMUM DEPTH)
202	FINISH GRADE
300	REINFORCED CONCRETE FOOTING - SEE STRUCTURAL
301	REINFORCED CONCRETE FOUNDATION WALL - SEE STRUCTURAL
302	REINFORCED CONCRETE SLAB - SEE STRUCTURAL
308	4" THICK CONCRETE STOOP
309	6" THICK, 36" DEEP CONCRETE FROSTWALL
310	CAST STONE MASONRY SILL/HEADER UNIT
400	8" x 8"x 16" CMU
401	MASONRY HEADER - SEE STRUCTURAL
403	4"x 8"x 16" CMU VENEER
404	BRICK VENEER
406	BRICK SOLDIER COURSE
501	STEEL COLUMN - PAINTED WHERE EXPOSED - SEE STRUCTURAL
505	STEEL ANGLE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
506	STEEL PLATE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
600	2 x 4 WOOD FRAMING - FRAMING
601	2 x VENTILATED WOOD BLOCKING
602	WOOD SHEATHING - SEE STRUCTURAL
603	2x WOOD BLOCKING - TYP.
604	TJI - SEE STRUCTURAL
605	GIRDER TRUSS - SEE STRUCTURAL
606	WALL MOUNTED BASE CABINET
612	PRE-ENGINEERED WOOD TRUSS, SEE STRUCTURAL
613	PRESSURE TREATED SILL PLATE, SEE STRUCTURAL
615	INSULATION BAFFLE
616	LSL EDGEBOARD
617	LEDGER, SEE STRUCTURAL
619	2 x 8 WOOD FRAMING
620	2 x 2 WOOD FRAMING
700	BITUMINOUS DAMP PROOFING
701	VAPOR BARRIER
702	AIR INFILTRATION BARRIER
703	2" RIGID FOUNDATION INSULATION - CONTINUOUS
704	BATT INSULATION WITH VAPOR BARRIER
705	2" RIGID INSULATION - CONTINUOUS
706	PRE-FINISHED METAL FLASHING - CONTINUOUS
707	PRE-FINISHED METAL SOFFIT, PERFORATED
708	PRE-FINISHED METAL FASCIA
711	STANDING SEAM METAL ROOF SYSTEM
712	PRIMARY UNDERLAYMENT
713	FULL ICE AND WATER SHIELD
714	1/2" ASPHALTIC EXPANSION JOINT MATERIAL - CONTINUOUS
716	SNOW GUARD
718	HIGH PERFORMANCE BATT INSULATION WITH VAPOR BARRIER
800	HOLLOW METAL FRAME AND DOOR ASSEMBLY
803	ALUMINUM WINDOW ASSEMBLY
805	STEEL FRAMED WINDOW ASSEMBLY
900	5/8" GYPSUM BOARD
902	SOLID SURFACE SILL
907	SCHEDULED BASE
908	PLASTER ON METAL LATH CEILING AND BLACK IRON SUSPENSION SYSTEM
909	QUARTZ COUNTERTOP AND 4" BACK SPLASH

NOTES:
1. MAXIMUM VENEER ANCHOR SPACING SHALL BE 16" VERTICAL AND 16" HORIZONTAL.
2. SEE SHEET S1.1 FOR ADDITIONAL INFORMATION.
3. SEE SPECIFICATION SECTION 04 2613 "MASONRY VENEER" FOR ADDITIONAL INFORMATION.



C DETAIL
A4.1
SCALE: 1 1/2" = 1'-0"

1

LICENSED
ARCHITECT
AR-923
JAMES H. WHITE
STATE OF IDAHO
06/01/2023
nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
WALL SECTIONS

REVISIONS

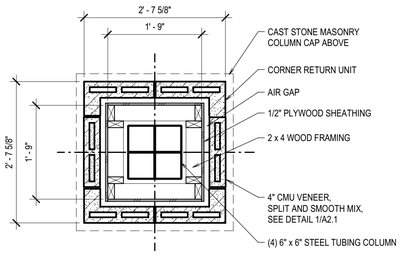
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A4.1

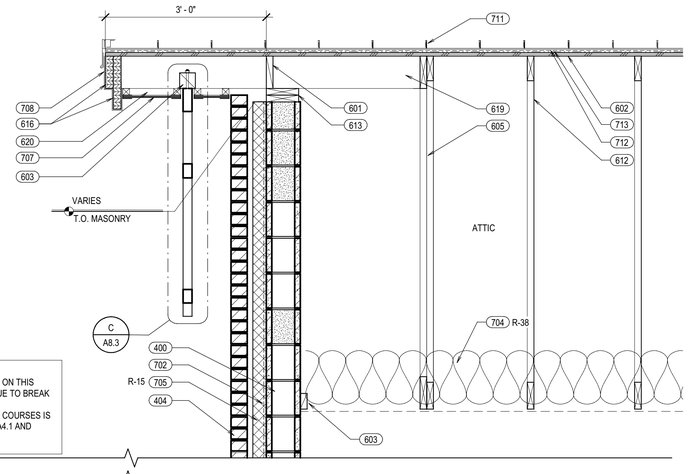
6/2/2023 3:23:25 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_02-06-23.rvt

Approved
Structural Idaho
Date: 6/01/2023
By: Structural Idaho
Permit Number: 23-0000
Approved for permit issuance. This approval is subject to the requirements of the applicable version of the International Building Code and the technical codes as adopted by the jurisdiction having authority. It is the responsibility of the holder of this approval to assure that the work is performed in accordance with the approved construction documents and the International Building Code and the technical codes as adopted by the jurisdiction having authority. Any deviations from the approved construction documents must be approved in writing by the building official.
This is not a building permit

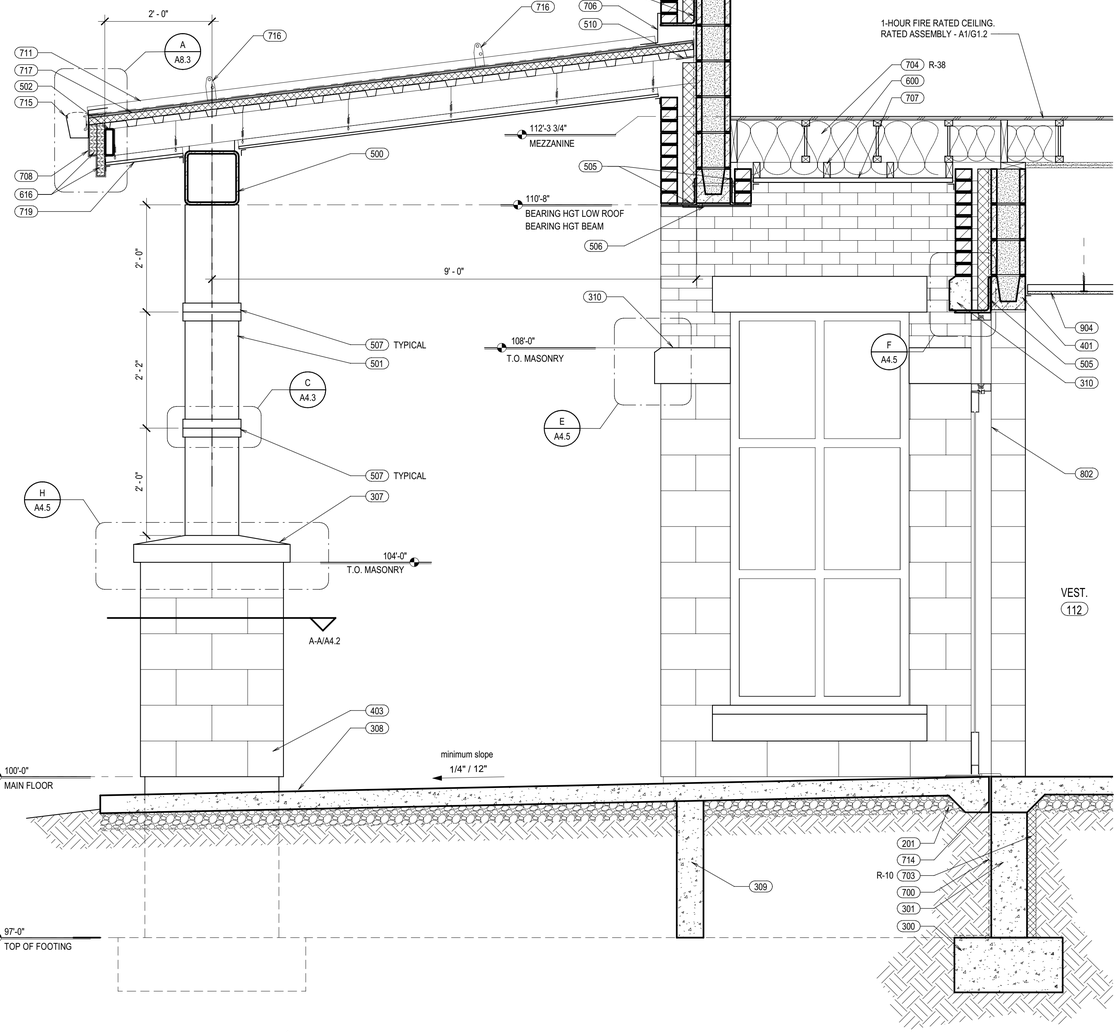


A-A A4.2 SECTION

SCALE: 3/4" = 1'-0"

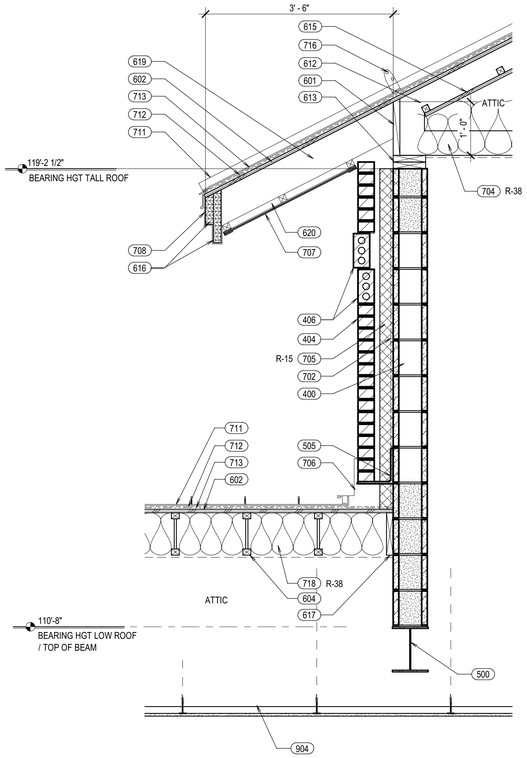


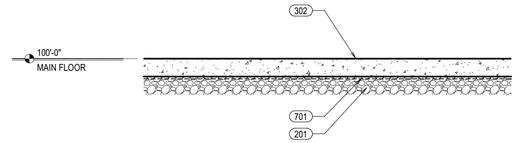
NOTE:
BRICK SOLDIER COURSES ON THIS WALL ARE NOT SHOWN DUE TO BREAK IN SECTION.
THE BOTTOM OF SOLDIER COURSES IS AT 16'-8". SEE SECTION 1/A4.1 AND EXTERIOR ELEVATIONS.



A A4.2 WALL SECTION

SCALE: 3/4" = 1'-0"





B A4.2 WALL SECTION

SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

201	COMPACTED DRAINAGE COARSE (4" MINIMUM DEPTH)
300	REINFORCED CONCRETE FOOTING - SEE STRUCTURAL
301	REINFORCED CONCRETE FOUNDATION WALL - SEE STRUCTURAL
302	REINFORCED CONCRETE SLAB - SEE STRUCTURAL
307	CAST STONE MASONRY CAP
308	4" THICK CONCRETE STOOP
309	6" THICK, 36" DEEP CONCRETE FROSTWALL
310	CAST STONE MASONRY SILL/HEADER UNIT
400	8" x 8"x 16" CMU
401	MASONRY HEADER - SEE STRUCTURAL
403	4"x 8"x 16" CMU VENEER
404	BRICK VENEER
406	BRICK SOLDIER COURSE
500	STEEL BEAM - PAINTED WHERE EXPOSED - SEE STRUCTURAL
501	STEEL COLUMN - PAINTED WHERE EXPOSED - SEE STRUCTURAL
502	STEEL TUBE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
505	STEEL ANGLE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
506	STEEL PLATE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
507	DECORATIVE METAL STRAP. PAINT.
510	STEEL BENT PLATE - SEE STRUCTURAL
600	2 x 4 WOOD FRAMING - FRAMING
601	2 x VENTILATED WOOD BLOCKING
602	WOOD SHEATHING - SEE STRUCTURAL
603	2x WOOD BLOCKING - TYP.
604	TJI - SEE STRUCTURAL
605	GIRDER TRUSS - SEE STRUCTURAL
612	PRE-ENGINEERED WOOD TRUSS, SEE STRUCTURAL
613	PRESSURE TREATED SILL PLATE, SEE STRUCTURAL
615	INSULATION BAFFLE
616	LSL EDGEBOARD
617	LEDGER, SEE STRUCTURAL
619	2 x 8 WOOD FRAMING
620	2 x 2 WOOD FRAMING
700	BITUMINOUS DAMP PROOFING
701	VAPOR BARRIER
702	AIR INFILTRATION BARRIER
703	2" RIGID FOUNDATION INSULATION - CONTINUOUS
704	BATT INSULATION WITH VAPOR BARRIER
705	2" RIGID INSULATION - CONTINUOUS
706	PRE-FINISHED METAL FLASHING - CONTINUOUS
707	PRE-FINISHED METAL SOFFIT, PERFORATED
708	PRE-FINISHED METAL FASCIA
711	STANDING SEAM METAL ROOF SYSTEM
712	PRIMARY UNDERLAYMENT
713	FULL ICE AND WATER SHIELD
714	1/2" ASPHALTIC EXPANSION JOINT MATERIAL - CONTINUOUS
715	PRE-FINISHED METAL GUTTER AND DOWNSPOUT SYSTEM
716	SNOW GUARD
717	2" NAILABLE POLYISO ROOF INSULATION
718	HIGH PERFORMANCE BATT INSULATION WITH VAPOR BARRIER
719	SUSPENDED METAL SOFFIT SYSTEM
802	ALUMINUM STOREFRONT ASSEMBLY
904	SUSPENDED GYPSUM BOARD CEILING

LICENSED ARCHITECT JAMES H. WHITT RA-23139 STATE OF IDAHO 02/01/2023

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(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: WALL SECTIONS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

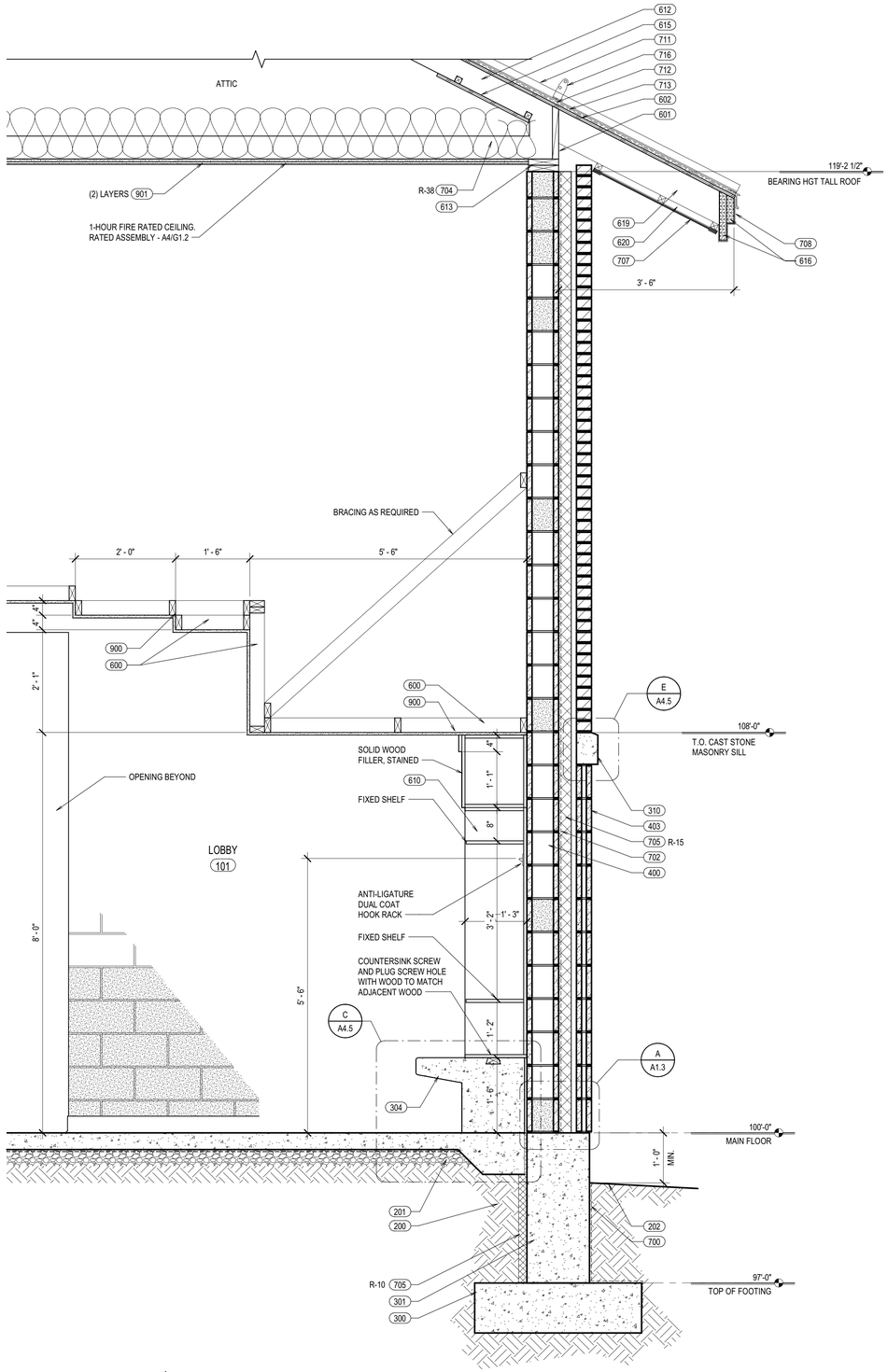
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

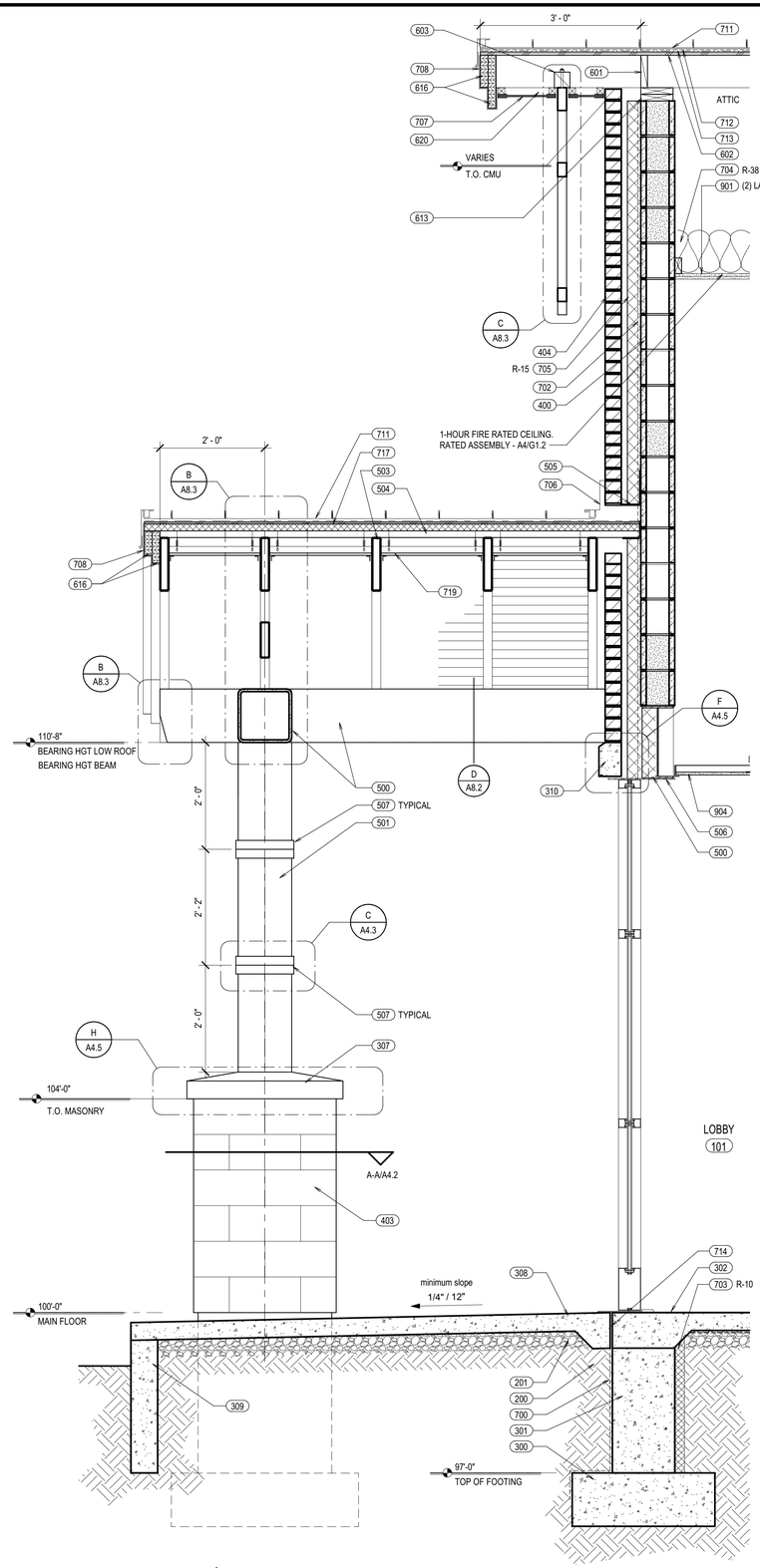
A4.2

3/29/2023 11:23:57 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structures Only
Building Safety
Permit #: 23-0000
Date: 6/01/2023
Plan Review Comments: Approved as noted. Review is for compliance with the International Residential Code as adopted by the State of Idaho. Building Safety does not review for compliance with local zoning, planning, fire, or other ordinances. The approval of plans is not a permit. It is the responsibility of the permit holder to obtain all required permits before building, occupancy, work, installation, or change occurs. Inspections are required.
This is not a building permit



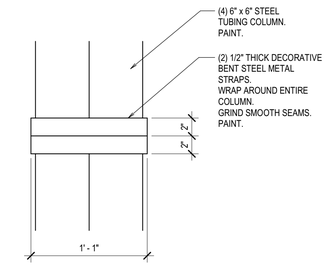
A WALL SECTION
A4.3
SCALE: 3/4" = 1'-0"



B WALL SECTION
A4.3
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

200	COMPACTED ENGINEERED FILL
201	COMPACTED DRAINAGE COARSE (4" MINIMUM DEPTH)
202	FINISH GRADE
300	REINFORCED CONCRETE FOOTING - SEE STRUCTURAL
301	REINFORCED CONCRETE FOUNDATION WALL - SEE STRUCTURAL
302	REINFORCED CONCRETE SLAB - SEE STRUCTURAL
304	CONCRETE BENCH
307	CAST STONE MASONRY CAP
308	4" THICK CONCRETE STOOP
309	6" THICK, 36" DEEP CONCRETE FROSTWALL
310	CAST STONE MASONRY SILL/HEADER UNIT
400	8" x 8"x 16" CMU
403	4"x 8"x 16" CMU VENEER
404	BRICK VENEER
500	STEEL BEAM - PAINTED WHERE EXPOSED - SEE STRUCTURAL
501	STEEL COLUMN - PAINTED WHERE EXPOSED - SEE STRUCTURAL
503	STEEL JOIST - PAINTED WHERE EXPOSED - SEE STRUCTURAL
504	STEEL DECK - PAINTED WHERE EXPOSED - SEE STRUCTURAL
505	STEEL ANGLE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
506	STEEL PLATE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
507	DECORATIVE METAL STRAP. PAINT.
600	2 x 4 WOOD FRAMING - FRAMING
601	2 x VENTILATED WOOD BLOCKING
602	WOOD SHEATHING - SEE STRUCTURAL
603	2x WOOD BLOCKING - TYP.
610	SOLID WOOD LOCKER UNIT, STAINED
612	PRE-ENGINEERED WOOD TRUSS, SEE STRUCTURAL
613	PRESSURE TREATED SILL PLATE, SEE STRUCTURAL
615	INSULATION BAFFLE
616	LSL EDGEBOARD
619	2 x 8 WOOD FRAMING
620	2 x 2 WOOD FRAMING
700	BITUMINOUS DAMP PROOFING
702	AIR INFILTRATION BARRIER
703	2" RIGID FOUNDATION INSULATION - CONTINUOUS
704	BATT INSULATION WITH VAPOR BARRIER
705	2" RIGID INSULATION - CONTINUOUS
706	PRE-FINISHED METAL FLASHING - CONTINUOUS
707	PRE-FINISHED METAL SOFFIT, PERFORATED
708	PRE-FINISHED METAL FASCIA
711	STANDING SEAM METAL ROOF SYSTEM
712	PRIMARY UNDERLAYMENT
713	FULL ICE AND WATER SHIELD
714	1/2" ASPHALTIC EXPANSION JOINT MATERIAL - CONTINUOUS
716	SNOW GUARD
717	2" NAILABLE POLYISO ROOF INSULATION
719	SUSPENDED METAL SOFFIT SYSTEM
900	5/8" GYPSUM BOARD
901	5/8" TYPE 'X' GYPSUM BOARD
904	SUSPENDED GYPSUM BOARD CEILING



C DETAIL
A4.3
SCALE: 1 1/2" = 1'-0"

LICENSED
ARCHITECT
RA-23239
IDAHO
02/01/2023
JAMES H. WHITE
STATE OF IDAHO

nbwarchitects p.a.
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(P) 208.522.8775 (F) 208.522.8776 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: WALL SECTIONS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

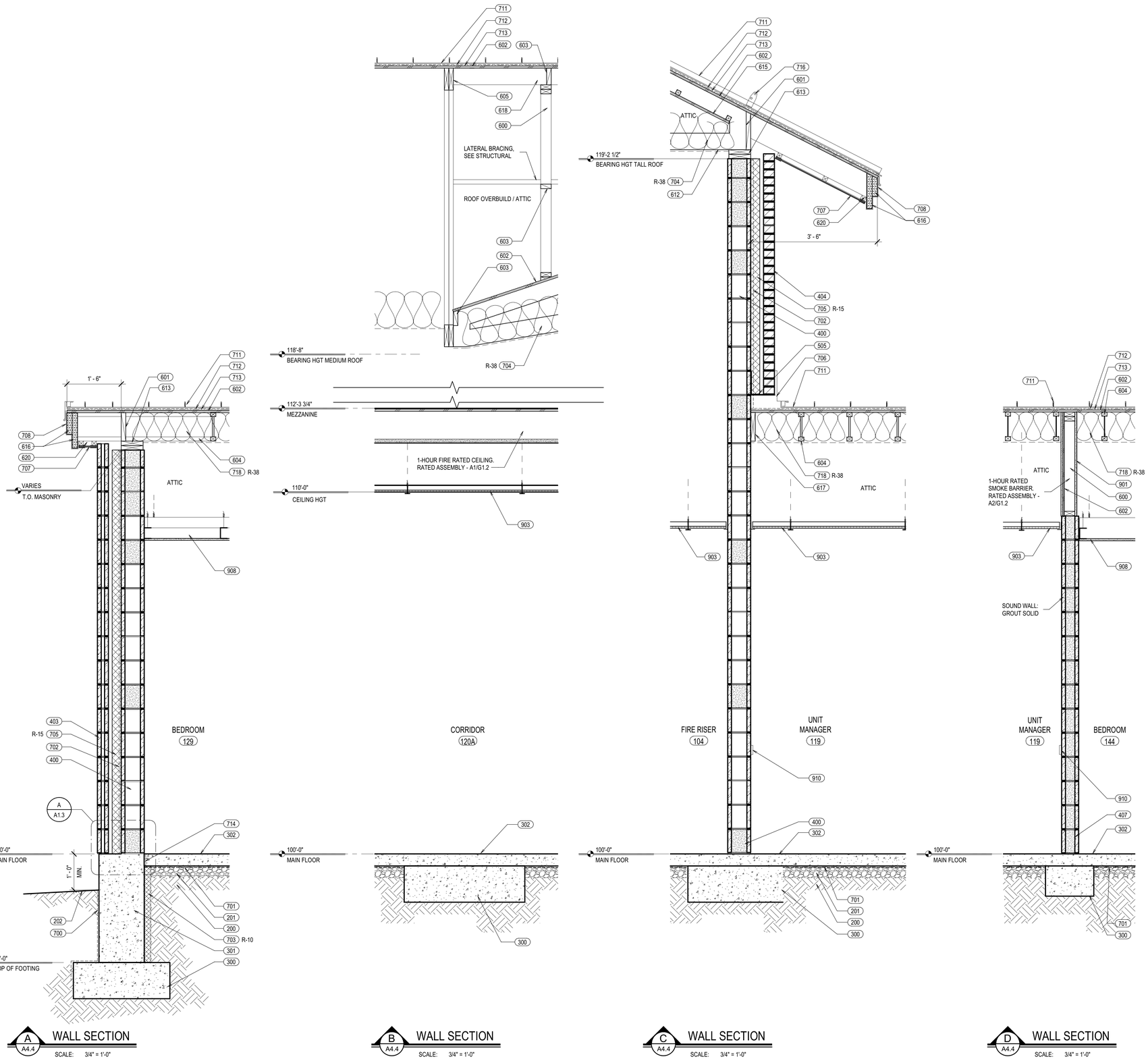
DRAWING NO.:
A4.3

3/29/2023 11:23:58 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structures Only
Ada County Development Services
Permit #: 00000
Date: 6/01/2023
Parcel #: S1234567890
Zone: R-1
Setbacks: F: 20' S: 5' R: 10'
Max Height: 35'
Lot Size: 0.25 ac
Flood Zone: X
Fire Sprinkler: No
Notes: Approved per plans dated 6/01/2023. Contractor shall verify all dimensions and conditions in the field before construction. Any deviations require prior approval. Inspections required at footing, foundation, framing, insulation, and final.
This is not a building permit

KEYNOTE LEGEND

200	COMPACTED ENGINEERED FILL
201	COMPACTED DRAINAGE COARSE (4" MINIMUM DEPTH)
202	FINISH GRADE
300	REINFORCED CONCRETE FOOTING - SEE STRUCTURAL
301	REINFORCED CONCRETE FOUNDATION WALL - SEE STRUCTURAL
302	REINFORCED CONCRETE SLAB - SEE STRUCTURAL
400	8" x 8"x 16" CMU
403	4"x 8"x 16" CMU VENEER
404	BRICK VENEER
407	6" x 8" x 16" CMU
505	STEEL ANGLE - PAINTED WHERE EXPOSED - SEE STRUCTURAL
600	2 x 4 WOOD FRAMING - FRAMING
601	2 x VENTILATED WOOD BLOCKING
602	WOOD SHEATHING - SEE STRUCTURAL
603	2x WOOD BLOCKING - TYP.
604	TJI - SEE STRUCTURAL
605	GIRDER TRUSS - SEE STRUCTURAL
612	PRE-ENGINEERED WOOD TRUSS, SEE STRUCTURAL
613	PRESSURE TREATED SILL PLATE, SEE STRUCTURAL
615	INSULATION BAFFLE
616	LSL EDGEBOARD
617	LEDGER, SEE STRUCTURAL
618	2 x 6 WOOD FRAMING
620	2 x 2 WOOD FRAMING
700	BITUMINOUS DAMP PROOFING
701	VAPOR BARRIER
702	AIR INFILTRATION BARRIER
703	2" RIGID FOUNDATION INSULATION - CONTINUOUS
704	BATT INSULATION WITH VAPOR BARRIER
705	2" RIGID INSULATION - CONTINUOUS
706	PRE-FINISHED METAL FLASHING - CONTINUOUS
707	PRE-FINISHED METAL SOFFIT, PERFORATED
708	PRE-FINISHED METAL FASCIA
711	STANDING SEAM METAL ROOF SYSTEM
712	PRIMARY UNDERLAYMENT
713	FULL ICE AND WATER SHIELD
714	1/2" ASPHALTIC EXPANSION JOINT MATERIAL - CONTINUOUS
716	SNOW GUARD
718	HIGH PERFORMANCE BATT INSULATION WITH VAPOR BARRIER
901	5/8" TYPE 'X' GYPSUM BOARD
903	SUSPENDED ACOUSTICAL TILE CEILING AND SUSPENSION GRID SYSTEM
908	PLASTER ON METAL LATH CEILING AND BLACK IRON SUSPENSION SYSTEM
910	WOOD CHAIR RAIL



A A4.4 WALL SECTION
SCALE: 3/4" = 1'-0"

B A4.4 WALL SECTION
SCALE: 3/4" = 1'-0"

C A4.4 WALL SECTION
SCALE: 3/4" = 1'-0"

D A4.4 WALL SECTION
SCALE: 3/4" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
06-09339
STATE OF IDAHO
02/01/2023

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(P) 208.522.8795 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: WALL SECTIONS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

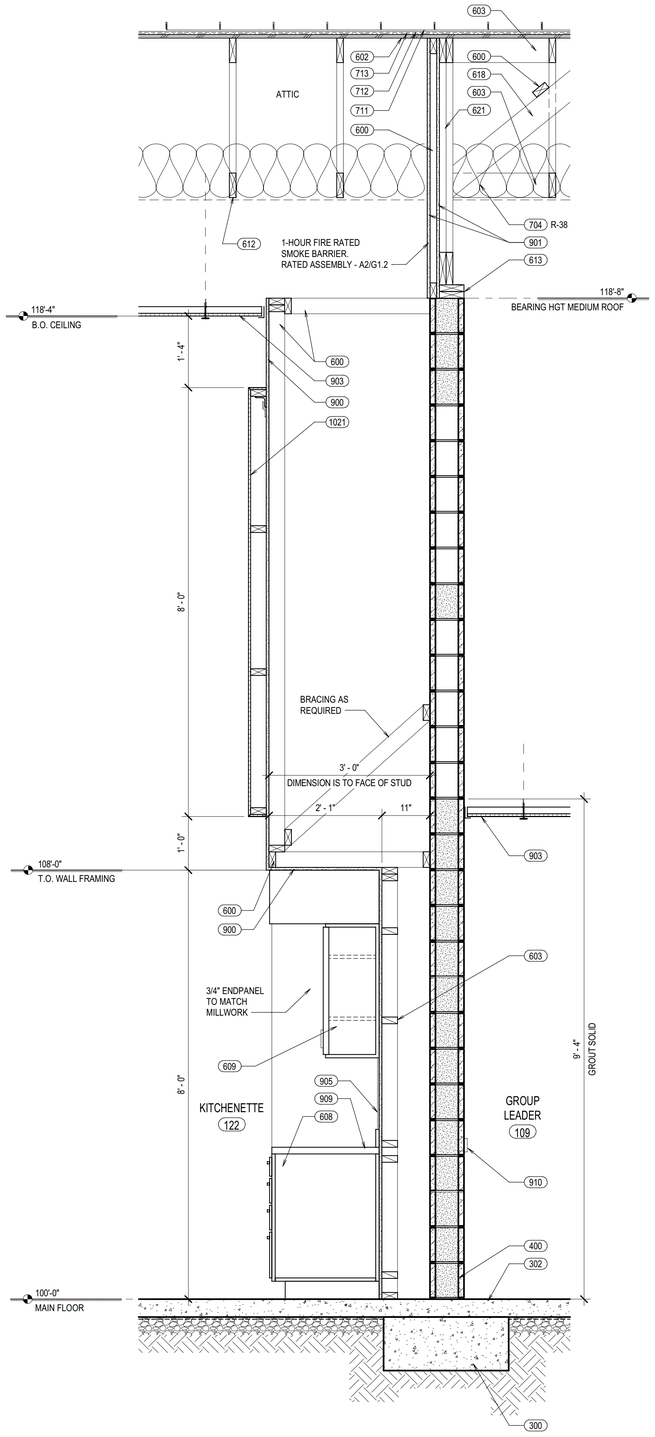
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

A4.4

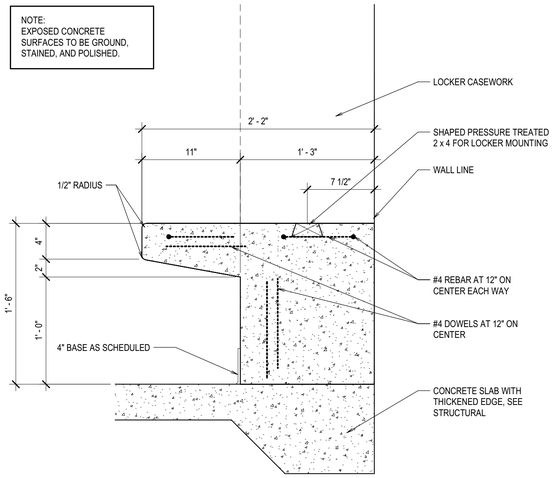
3/29/2023 11:23:59 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structure Idaho
Date: 6/01/2023
Permit #: 00000
Permit Conditions: Approval of this plan does not authorize any violation of any code, law or ordinance. This approval is based on the information provided and is limited to the scope of work described. The approval is void if construction does not commence within 180 days of approval or if construction is suspended or abandoned for 180 days after starting construction, unless otherwise specified.
This is not a building permit

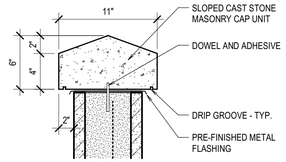


A4.5 WALL SECTION
SCALE: 3/4" = 1'-0"

NOTE:
EXPOSED CONCRETE SURFACES TO BE GROUND, STAINED, AND POLISHED.

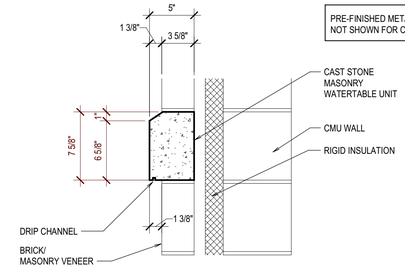


C A4.5 DETAIL
SCALE: 1 1/2" = 1'-0"



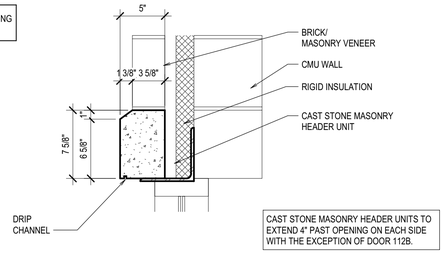
USE EXTERIOR SEALANT AND BACKER ROD BETWEEN SEGMENTS OF PRECAST CAP

D A4.5 DETAIL
SCALE: 1 1/2" = 1'-0"



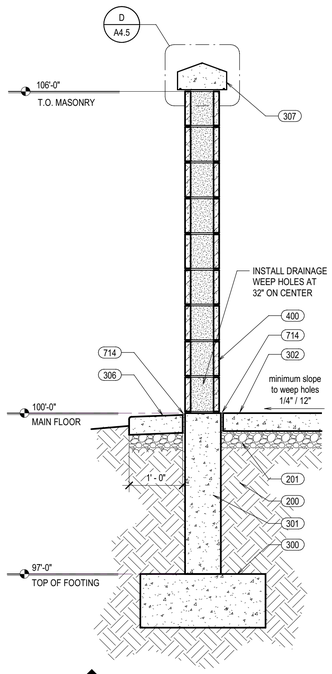
PRE-FINISHED METAL FLASHING NOT SHOWN FOR CLARITY

E A4.5 DETAIL
SCALE: 1 1/2" = 1'-0"



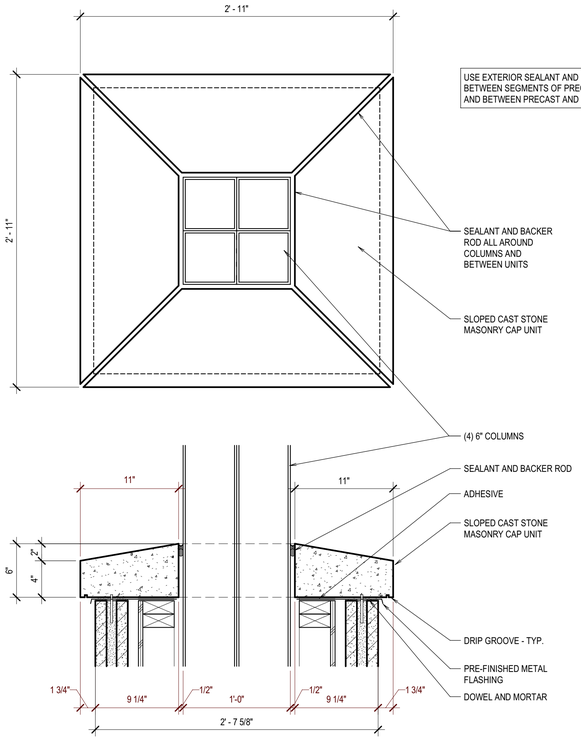
CAST STONE MASONRY HEADER UNITS TO EXTEND 4" PAST OPENING ON EACH SIDE WITH THE EXCEPTION OF DOOR 112B.

F A4.5 DETAIL
SCALE: 1 1/2" = 1'-0"



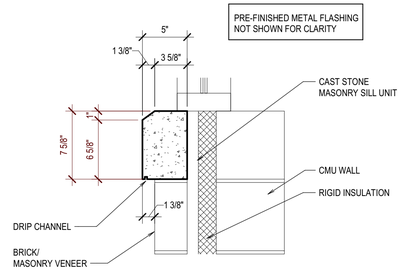
A A4.5 WALL SECTION
SCALE: 3/4" = 1'-0"

B A4.5 WALL SECTION
SCALE: 3/4" = 1'-0"



USE EXTERIOR SEALANT AND BACKER ROD BETWEEN SEGMENTS OF PRECAST CAP AND BETWEEN PRECAST AND COLUMNS.

H A4.5 DETAIL
SCALE: 1 1/2" = 1'-0"



CAST STONE MASONRY SILL UNITS TO EXTEND 4" PAST TGE OPENING ON EACH SIDE.

G A4.5 DETAIL
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

200	COMPACTED ENGINEERED FILL
201	COMPACTED DRAINAGE COARSE (4" MINIMUM DEPTH)
300	REINFORCED CONCRETE FOOTING - SEE STRUCTURAL
301	REINFORCED CONCRETE FOUNDATION WALL - SEE STRUCTURAL
302	REINFORCED CONCRETE SLAB - SEE STRUCTURAL
306	4" THICK CONCRETE MOW STRIP
307	CAST STONE MASONRY CAP
400	8" x 8"x 16" CMU
600	2 x 4 WOOD FRAMING - FRAMING
602	WOOD SHEATHING - SEE STRUCTURAL
603	2x WOOD BLOCKING - TYP.
608	WALL MOUNTED BASE CABINET
609	WALL MOUNTED UPPER CABINET WITH BLOCKING
612	PRE-ENGINEERED WOOD TRUSS, SEE STRUCTURAL
613	PRESSURE TREATED SILL PLATE, SEE STRUCTURAL
618	2 x 6 WOOD FRAMING
621	DRAG STRUT TRUSS - SEE STRUCTURAL
704	BATT INSULATION WITH VAPOR BARRIER
711	STANDING SEAM METAL ROOF SYSTEM
712	PRIMARY UNDERLAYMENT
713	FULL ICE AND WATER SHIELD
714	1/2" ASPHALTIC EXPANSION JOINT MATERIAL - CONTINUOUS
900	5/8" GYPSUM BOARD
901	5/8" TYPE 'X' GYPSUM BOARD
903	SUSPENDED ACOUSTICAL TILE CEILING AND SUSPENSION GRID SYSTEM
905	WALL TILE
909	QUARTZ COUNTERTOP AND 4" BACK SPLASH
910	WOOD CHAIR RAIL
1021	ACOUSTIC PANEL

LICENSED ARCHITECT
JOHN HARRIS BRUNT
AR-98339
STATE OF IDAHO
02/01/2023
nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
WALL SECTIONS

REVISIONS

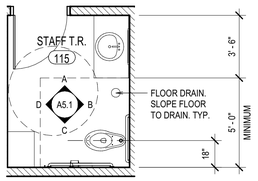
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

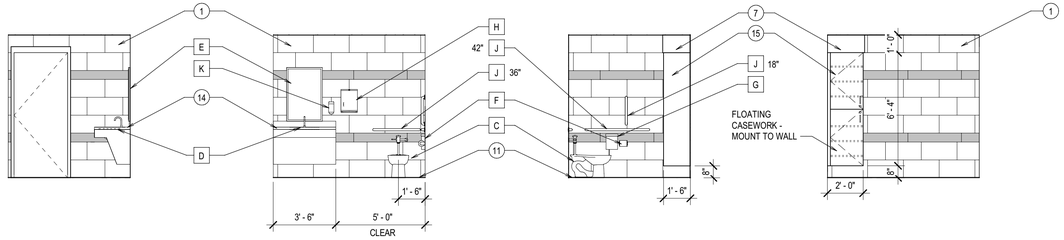
DRAWING NO.:
A4.5

3/28/2023 11:28:50 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Shawn Hobbs
Building Safety
Permit Technician
Date: 6/01/2023
Permit #: 00000
Approved as noted on the plans and/or in writing. Approval of this plan does not authorize any violation of any code, law or ordinance. Permittee is responsible for all conditions on the plans and for compliance with all applicable codes, laws and ordinances. The approval of plans is not a permit. Permittee is responsible to obtain all permits before beginning work. Approved plans must be on the jobsite during inspections.
This is not a building permit



1 A5.1 ENLARGED STAFF T.R.
SCALE: 1/4" = 1'-0"

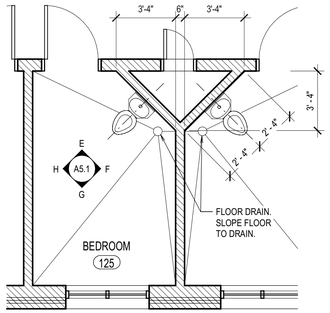


A A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

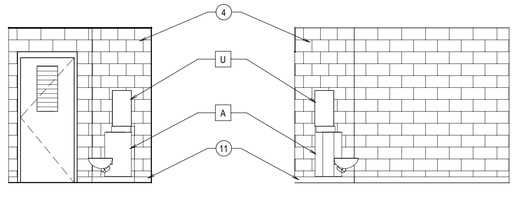
B A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

C A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

D A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

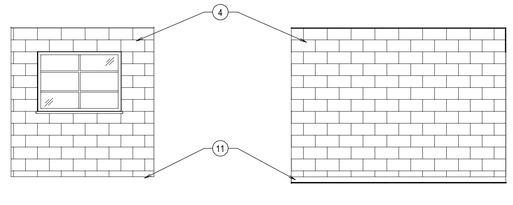


2 A5.1 ENLARGED BED ROOM, TYP.
SCALE: 1/4" = 1'-0"



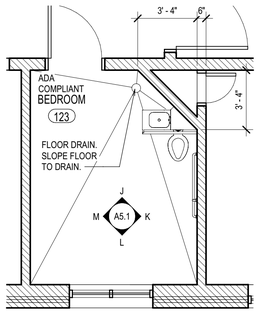
E A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

F A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

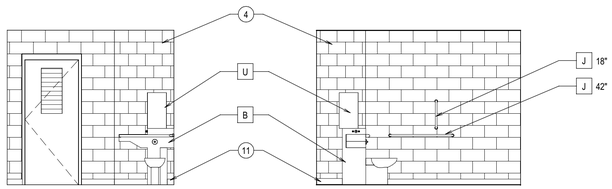


G A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

H A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

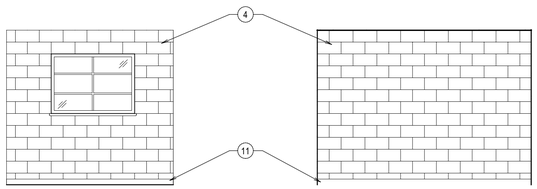


3 A5.1 ENLARGED ADA BED ROOM, TYP.
SCALE: 1/4" = 1'-0"



J A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

K A5.1 ELEVATION
SCALE: 1/4" = 1'-0"



L A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

M A5.1 ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL RESOLVE ALL DIMENSIONAL OR OTHER DISCREPANCIES, DURING LAYOUT WITH ARCHITECT, PRIOR TO BEGINNING CONSTRUCTION.
2. ALL WALL-MOUNTED CASEWORK, MILLWORK, GRAB BARS, HARDWARE, EQUIPMENT, ETC. (INCLUDING OWNER FURNISHED ITEMS) SHALL BE ANCHORED TO WOOD BLOCKING BETWEEN STUDS, U.N.O. COORDINATE BLOCKING PRIOR TO INSTALLING WALL FINISHES.
3. CAULK ALL INTERIOR JOINTS AND CORNERS, U.N.O.
4. EXTEND NON-INSULATED STUD WALLS & GYP. BOARD 12" MIN. ABOVE SUSPENDED CEILING. U.N.O.
5. USE ISOLATION TAPE BETWEEN ALL DIS-SIMILAR METALS.
6. DIMENSION - FACE OF FOUNDATION FOR EXTERIOR WALLS, CENTER LINE FOR INTERIOR WALLS, U.N.O.

◯ KEYNOTES

1. WALL TILE, SEE NOTE ON SHEET A5.1
2. PREA COMPLIANT HOLLOW METAL FRAME AND HALF SHOWER DOOR
3. LIGATURE RESISTANT COAT HOOK
4. 8" CONCRETE MASONRY UNIT, FINISHED AS SCHEDULED
5. SHELVING UNIT WITH ADJUSTABLE SHELVES, PLASTIC LAMINATE
6. GYPSUM BOARD, TAPED, TEXTURED AND PAINTED
7. WOOD FILLER/ WOOD SOFFIT
8. CONCRETE BENCH
9. SOUND PANELS
10. MARKER BOARD
11. FLOOR BASE AS SCHEDULED
12. EQUIPMENT BY OWNER
13. STAINLESS STEEL LINEAR FLOOR DRAIN
14. QUARTZ COUNTERTOP AND 4" BACKSPLASH WITH PAINTED METAL SUPPORT BRACKETS WHERE SHOWN.
15. LOCKABLE CASEWORK, PLASTIC LAMINATE. CONFIGURATION/ADJUSTIBLE SHELVES AS SHOWN. LOCKS: KEY ALIKE.
16. SOLID SURFACE WINDOW SILL
17. HOLLOW METAL DOOR/WINDOW AND FRAME. PAINT.
18. OPEN LOCKER UNIT. SOLID WOOD.
19. 18" W x 15" D DOUBLE TIER METAL LOCKER WITH 4" BASE AND SLOPED TOP
20. LOCKABLE FILING CABINET WITH (2) PENCIL DRAWERS, PLASTIC LAMINATE
21. STAINLESS STEEL EDGE PROFILE, TYPICAL
22. WASHER / DRYER FURNISHED BY CONTRACTOR, SEE MECHANICAL. BOLT TO FLOOR /WALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
23. COLORED CMU WAINSCOT, SEE DETAIL 1/A6.4
24. WATER SOFTENER
25. 15" W x 21" D DOUBLE TIER METAL LOCKER WITH 4" BASE AND SLOPED TOP
26. 15" W x 21" D SINGLE TIER METAL LOCKER WITH 4" BASE AMD SLOPED TOP

☐ FIXTURES / ACCESSORIES KEY

A. COMBINATION LAVATORY/TOILET UNIT FOR USE ON 45 DEGREE CHASE WALL
B. COMBINATION LAVATORY/TOILET UNIT FOR USE ON 45 DEGREE CHASE WALL WITH BUILT-IN GRAB BAR, ADA COMPLIANT
C. FLOOR MOUNTED TOILET
D. ADA COMPLIANT VANITY WITH UNDERMOUNT SINK
E. MIRROR - 2' x 3'
F. TOILET PAPER DISPENSER
G. SANITARY NAPKIN DISPOSAL
H. PAPER TOWEL DISPENSER
J. LIGATURE RESISTANT GRAB BARS
K. SOAP DISPENSER
L. 30" WIDE INSTITUTIONAL GRADE S.S. LIGATURE RESISTANT SHOWER SEAT
M. LIGATURE RESISTANT SHOWER FIXTURE WITH ANTI-PICK SURROUND, ADA WHERE INDICATED
N. HEAVY DUTY UTILITY SINK, SEE MECHANICAL
P. DRINKING FOUNTAIN WITH BOTTLE FILLER, ADA COMPLIANT
Q. JANITOR SINK, SEE MECHANICAL
R. EYEWASH STATION, SEE MECHANICAL
S. SEMI-RECESSED FIRE EXTINGUISHER CABINET, 1-HOUR FIRE RATED IN CORRIDOR AND LOBBY AREA
T. STAINLESS STEEL UTILITY SHELF
U. ONE PIECE SECURITY MIRROR, 18" x 24", WITH ANTI-PICK SURROUND
V. LIGATURE RESISTANT FREESTANDING SHOWER SEAT, CONTRACTOR PROVIDED

NOTE:
1. SEE SHEET G2.1 FOR FIXTURES AND ACCESSORIES ANSI MOUNTING HEIGHTS.
2. SOME NOTES MAY NOT BE USED ON ALL A5 SHEETS.

LICENSED ARCHITECT
JAMES H. WHITT
06-03339
STATE OF IDAHO
02/01/2023

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ENLARGED PLANS AND INTERIOR ELEVATIONS

REVISIONS

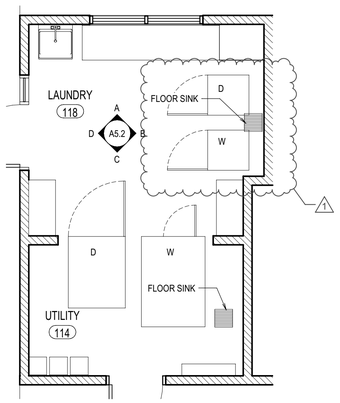
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

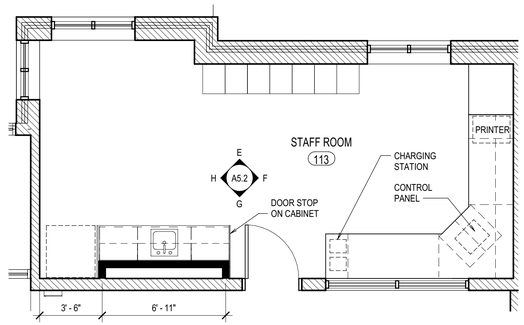
DRAWING NO.:

A5.1

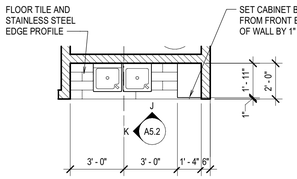
Approved
Structures Only
Date: 6/01/2023
By: Building Safety
Permit Required
Approval is granted on the condition that the proposed work and plans conform to all applicable laws of the jurisdiction. The approval is not to be construed to be a permit for, or an approval of, any violation of any provision of the building code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of the building code or other ordinances of the jurisdiction shall not be valid.
This is not a building permit



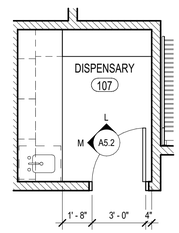
1 A5.2 ENLARGED LAUNDRY ROOM
SCALE: 1/4" = 1'-0"



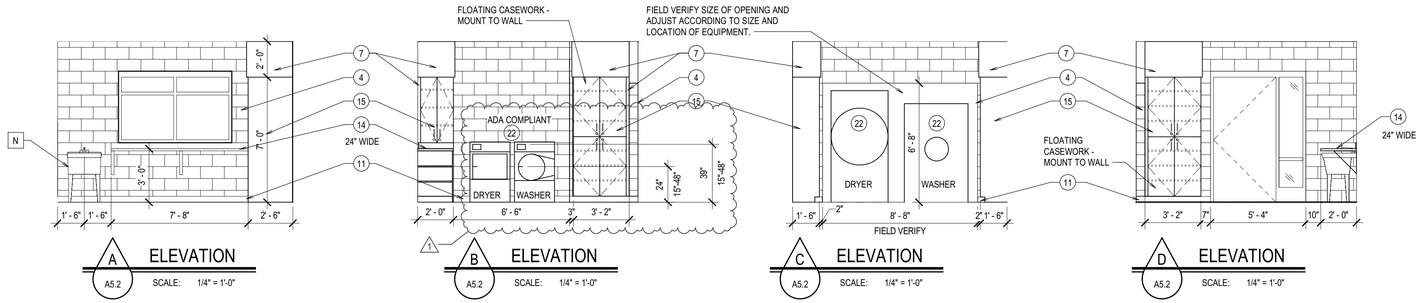
2 A5.2 ENLARGED STAFF ROOM
SCALE: 1/4" = 1'-0"



3 A5.2 ENLARGED DRINKING FOUNTAIN
SCALE: 1/4" = 1'-0"



4 A5.2 ENLARGED DISPENSARY
SCALE: 1/4" = 1'-0"

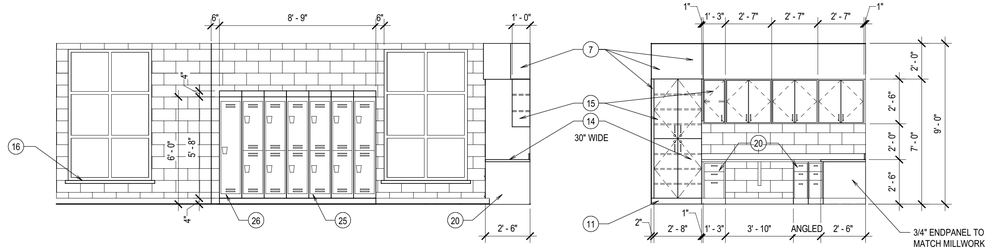


A A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

B A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

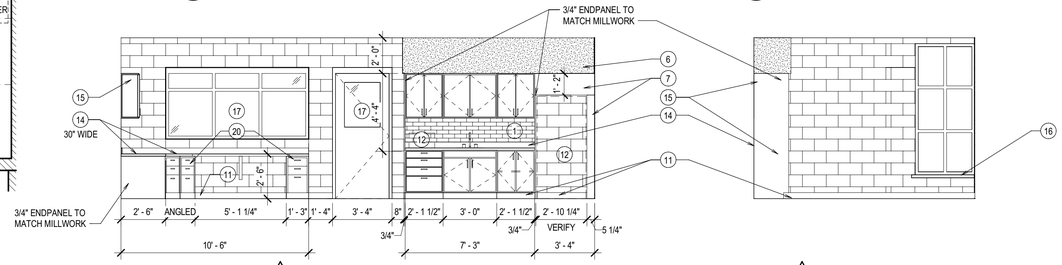
C A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

D A5.2 ELEVATION
SCALE: 1/4" = 1'-0"



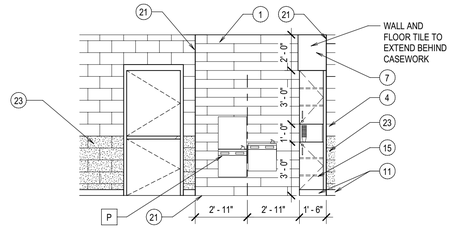
E A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

F A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

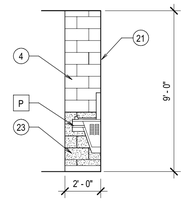


G A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

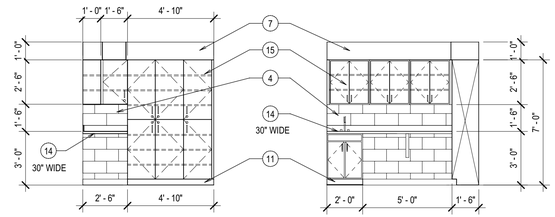
H A5.2 ELEVATION
SCALE: 1/4" = 1'-0"



J A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

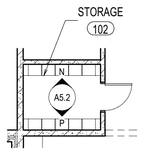


K A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

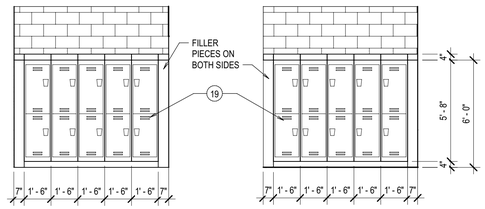


L A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

M A5.2 ELEVATION
SCALE: 1/4" = 1'-0"



5 A5.2 ENLARGED STORAGE 102
SCALE: 1/8" = 1'-0"



N A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

P A5.2 ELEVATION
SCALE: 1/4" = 1'-0"

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C. FLOOR MOUNTED TOILET

D. ADA COMPLIANT VANITY WITH UNDERMOUNT SINK

E. MIRROR - 2' x 3'

F. TOILET PAPER DISPENSER

G. SANITARY NAPKIN DISPOSAL

H. PAPER TOWEL DISPENSER

J. LIGATURE RESISTANT GRAB BARS

K. SOAP DISPENSER

L. 30" WIDE INSTITUTIONAL GRADE S.S. LIGATURE RESISTANT SHOWER SEAT

M. LIGATURE RESISTANT SHOWER FIXTURE WITH ANTI-PICK SURROUND, ADA WHERE INDICATED

N. HEAVY DUTY UTILITY SINK, SEE MECHANICAL

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Q. JANITOR SINK, SEE MECHANICAL

R. EYEWASH STATION, SEE MECHANICAL

S. SEMI-RECESSED FIRE EXTINGUISHER CABINET, 1-HOUR FIRE RATED IN CORRIDOR AND LOBBY AREA

T. STAINLESS STEEL UTILITY SHELF

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NOTE:
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2. SOME NOTES MAY NOT BE USED ON ALL A5 SHEETS.

LICENSED ARCHITECT JAMES H. WHITT No. 10439 STATE OF IDAHO 02/01/2023

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8785 (W) nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ENLARGED PLANS AND INTERIOR ELEVATIONS

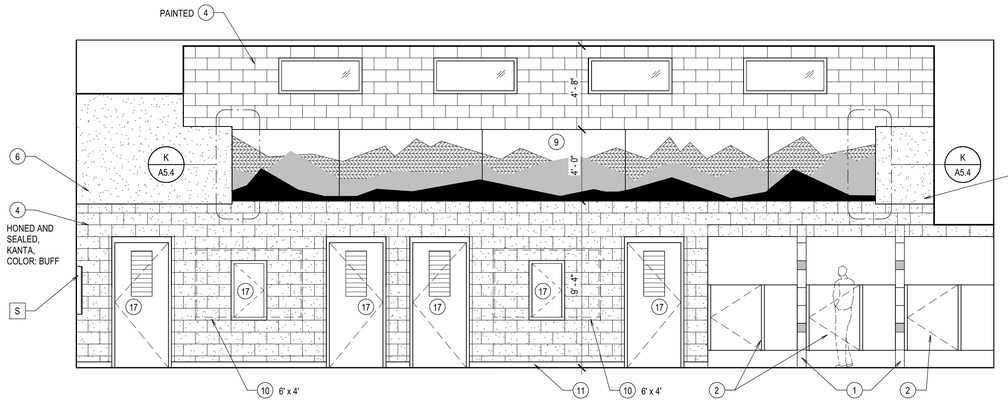
REVISIONS		
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

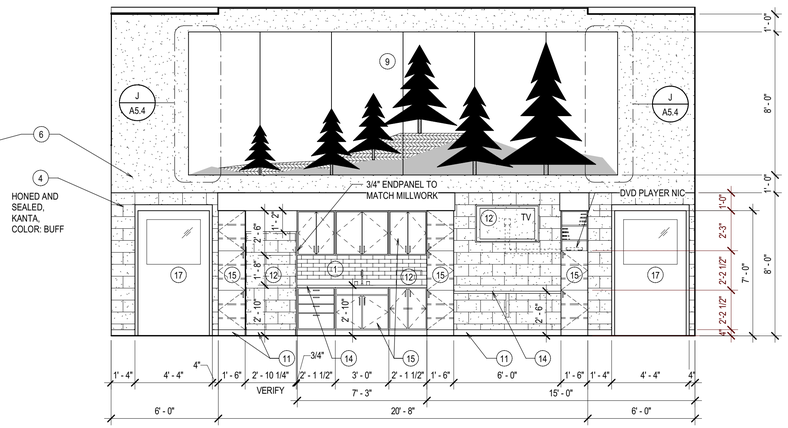
DRAWING NO.:

A5.2

Approved
Division of Building Safety
Plan Review Group
Reviewed for code compliance only. Not responsible for any omissions or errors contained within these documents. Any violations of code shall be corrected in the field. Approval of these documents does not give authority to violate or cancel the provisions of any state or local law regulating construction or the performance of construction.
This is not a building permit



A ELEVATION
A5.3 SCALE: 1/4" = 1'-0"



B ELEVATION
A5.3 SCALE: 1/4" = 1'-0"

C ELEVATION
A5.3 SCALE: 1/4" = 1'-0"

D ELEVATION
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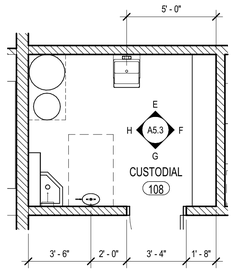
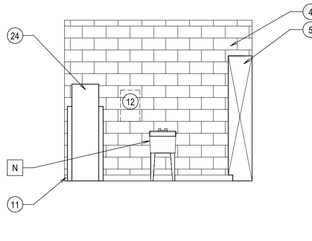
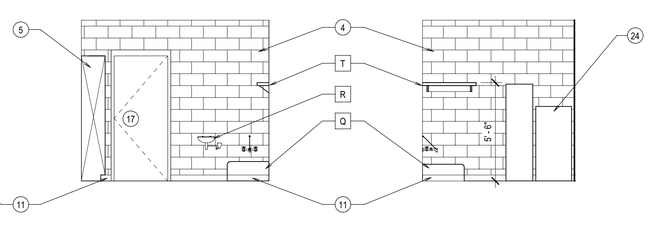


1 ENLARGED CUSTODIAL ROOM
A5.3 SCALE: 1/4" = 1'-0"



E ELEVATION
A5.3 SCALE: 1/4" = 1'-0"

F ELEVATION
A5.3 SCALE: 1/4" = 1'-0"



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A5.3 SCALE: 1/4" = 1'-0"

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4. 8" CONCRETE MASONRY UNIT, FINISHED AS SCHEDULED
5. SHELVING UNIT WITH ADJUSTABLE SHELVES, PLASTIC LAMINATE
6. GYPSUM BOARD, TAPED, TEXTURED AND PAINTED
7. WOOD FILLER/ WOOD SOFFIT
8. CONCRETE BENCH
9. SOUND PANELS
10. MARKER BOARD
11. FLOOR BASE AS SCHEDULED
12. EQUIPMENT BY OWNER
13. STAINLESS STEEL LINEAR FLOOR DRAIN
14. QUARTZ COUNTERTOP AND 4" BACKSPLASH WITH PAINTED METAL SUPPORT BRACKETS WHERE SHOWN.
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19. 18" W x 15" D DOUBLE TIER METAL LOCKER WITH 4" BASE AND SLOPED TOP
20. LOCKABLE FILING CABINET WITH (2) PENCIL DRAWERS, PLASTIC LAMINATE
21. STAINLESS STEEL EDGE PROFILE, TYPICAL
22. WASHER / DRYER FURNISHED BY CONTRACTOR, SEE MECHANICAL. BOLT TO FLOOR /WALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
23. COLORED CMU WAINSCOT, SEE DETAIL 1/A6.4
24. WATER SOFTENER
25. 15" W x 21" D DOUBLE TIER METAL LOCKER WITH 4" BASE AND SLOPED TOP
26. 15" W x 21" D SINGLE TIER METAL LOCKER WITH 4" BASE AMD SLOPED TOP

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A. COMBINATION LAVATORY/TOILET UNIT FOR USE ON 45 DEGREE CHASE WALL
B. COMBINATION LAVATORY/TOILET UNIT FOR USE ON 45 DEGREE CHASE WALL WITH BUILT-IN GRAB BAR, ADA COMPLIANT
C. FLOOR MOUNTED TOILET
D. ADA COMPLIANT VANITY WITH UNDERMOUNT SINK
E. MIRROR - 2' x 3'
F. TOILET PAPER DISPENSER
G. SANITARY NAPKIN DISPOSAL
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L. 30" WIDE INSTITUTIONAL GRADE S.S. LIGATURE RESISTANT SHOWER SEAT
M. LIGATURE RESISTANT SHOWER FIXTURE WITH ANTI-PICK SURROUND, ADA WHERE INDICATED
N. HEAVY DUTY UTILITY SINK, SEE MECHANICAL
P. DRINKING FOUNTAIN WITH BOTTLE FILLER, ADA COMPLIANT
Q. JANITOR SINK, SEE MECHANICAL
R. EYEWASH STATION, SEE MECHANICAL
S. SEMI-RECESSED FIRE EXTINGUISHER CABINET, 1-HOUR FIRE RATED IN CORRIDOR AND LOBBY AREA
T. STAINLESS STEEL UTILITY SHELF
U. ONE PIECE SECURITY MIRROR, 18" x 24", WITH ANTI-PICK SURROUND
V. LIGATURE RESISTANT FREESTANDING SHOWER SEAT, CONTRACTOR PROVIDED

NOTE:
1. SEE SHEET G2.1 FOR FIXTURES AND ACCESSORIES ANSI MOUNTING HEIGHTS.
2. SOME NOTES MAY NOT BE USED ON ALL A5 SHEETS.

LICENSED ARCHITECT
JAMES W. NORTON
06-03239
02/01/2023
STATE OF IDAHO

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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(P) 208.522.8775 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ENLARGED PLANS AND INTERIOR ELEVATIONS

REVISIONS

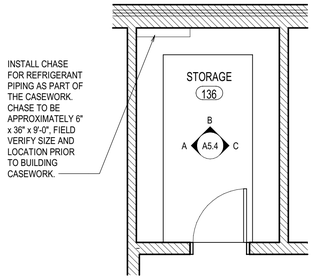
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

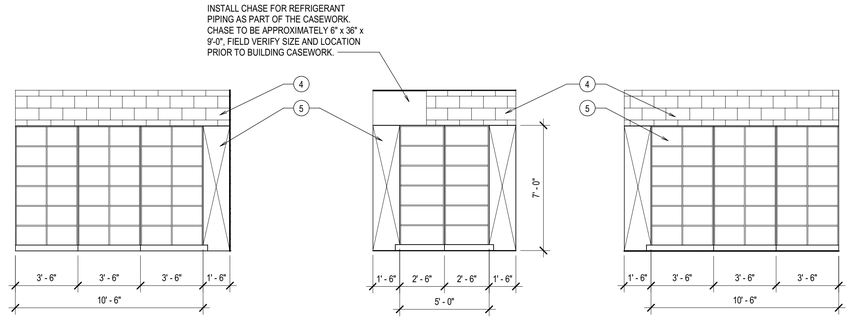
DRAWING NO.:
A5.3

3/28/2023 11:29:02 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Shelby Idaho Building Safety
Date: 6/01/2023
By: Building Official
Permit Number: 1a
This approval is granted on the condition that the proposed building or structure complies with all applicable codes and ordinances. The approval is not to be construed as an approval of any violation of any provisions of the building codes or ordinances. This is not a building permit



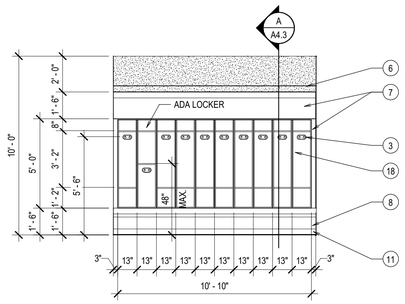
1 A5.4 ENLARGED STORAGE 136
SCALE: 1/4" = 1'-0"



A A5.4 ELEVATION
SCALE: 1/4" = 1'-0"

B A5.4 ELEVATION
SCALE: 1/4" = 1'-0"

C A5.4 ELEVATION
SCALE: 1/4" = 1'-0"



D A5.4 ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL RESOLVE ALL DIMENSIONAL OR OTHER DISCREPANCIES, DURING LAYOUT WITH ARCHITECT, PRIOR TO BEGINNING CONSTRUCTION.
2. ALL WALL-MOUNTED CASEWORK, MILLWORK, GRAB BARS, HARDWARE, EQUIPMENT, ETC. (INCLUDING OWNER FURNISHED ITEMS) SHALL BE ANCHORED TO WOOD BLOCKING BETWEEN STUDS, U.N.O. COORDINATE BLOCKING PRIOR TO INSTALLING WALL FINISHES.
3. CAULK ALL INTERIOR JOINTS AND CORNERS, U.N.O.
4. EXTEND NON-INSULATED STUD WALLS & GYP. BOARD 12" MIN. ABOVE SUSPENDED CEILING. U.N.O.
5. USE ISOLATION TAPE BETWEEN ALL DIS-SIMILAR METALS.
6. DIMENSION - FACE OF FOUNDATION FOR EXTERIOR WALLS, CENTER LINE FOR INTERIOR WALLS, U.N.O.

KEYNOTES

1. WALL TILE, SEE NOTE ON SHEET A5.1
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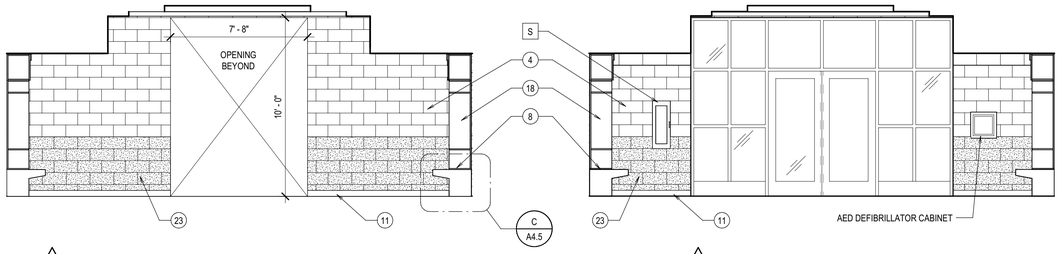
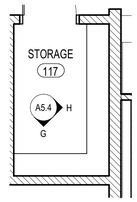
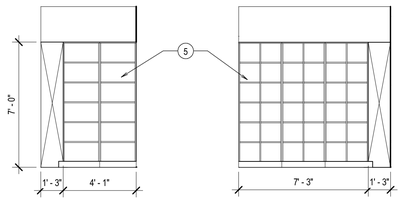


E A5.4 ELEVATION
SCALE: 1/4" = 1'-0"

F A5.4 ELEVATION
SCALE: 1/4" = 1'-0"

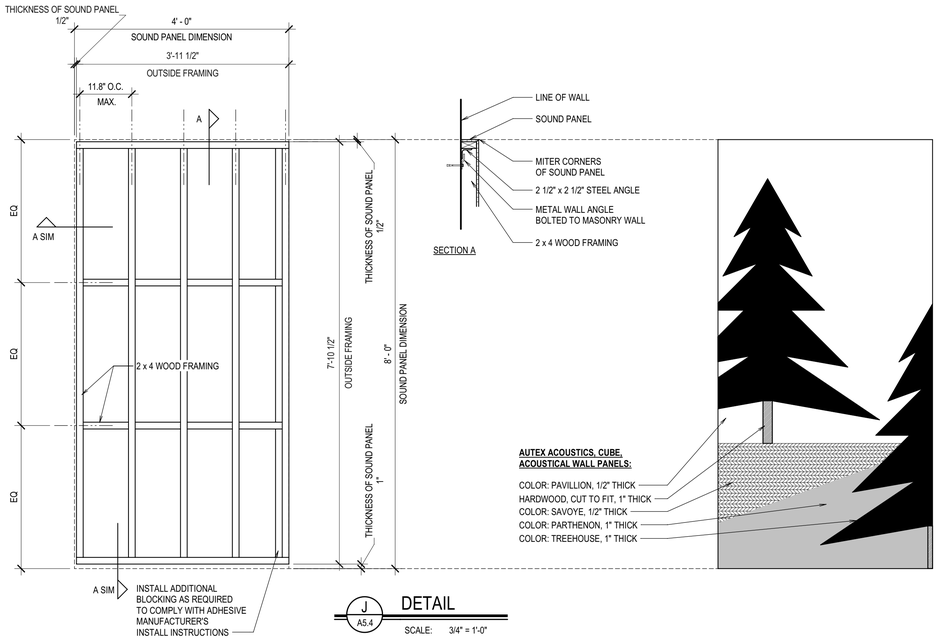


2 A5.4 ENLARGED STORAGE 117
SCALE: 1/4" = 1'-0"

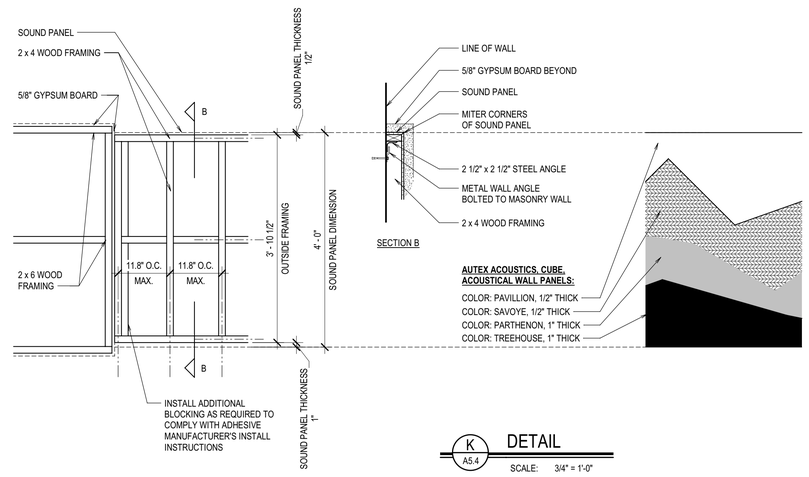


G A5.4 ELEVATION
SCALE: 1/4" = 1'-0"

H A5.4 ELEVATION
SCALE: 1/4" = 1'-0"



J A5.4 DETAIL
SCALE: 3/4" = 1'-0"



K A5.4 DETAIL
SCALE: 3/4" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
06-03339
STATE OF IDAHO
02/01/2023

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ENLARGED PLANS AND INTERIOR ELEVATIONS

REVISIONS

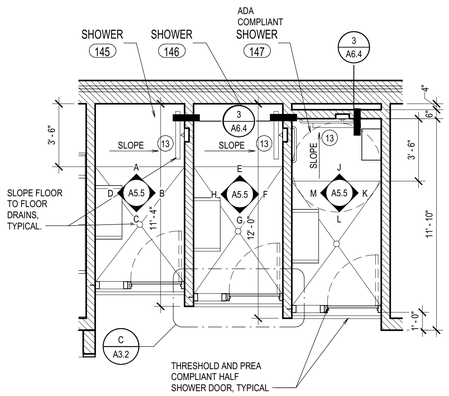
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A5.4

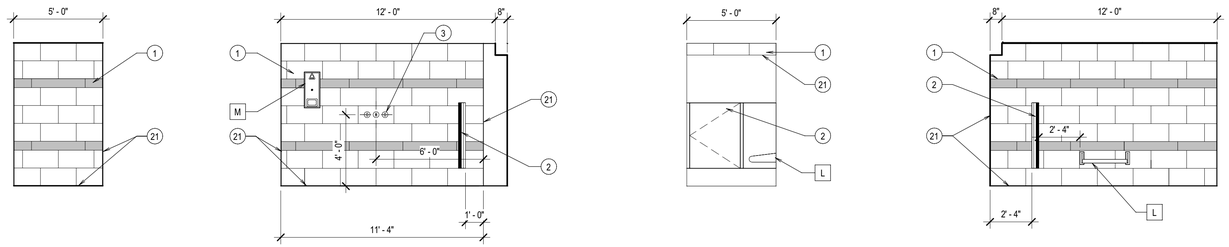
3/28/2023 3:16:30 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structures Idaho
Date: 6/01/2023
By: Approved
Permit Number: 00000
This approval is subject to all applicable laws, regulations, and ordinances. It is your responsibility to know and comply with them. This approval is based on the information provided and does not prevent the building official from requiring corrections to errors on the plans, violations of codes, or other laws. The building official may be contacted for inspection times and requirements.
This is not a building permit



1 A5.5 ENLARGED SHOWER PLAN

SCALE: 1/4" = 1'-0"



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SCALE: 1/4" = 1'-0"

B A5.5 ELEVATION

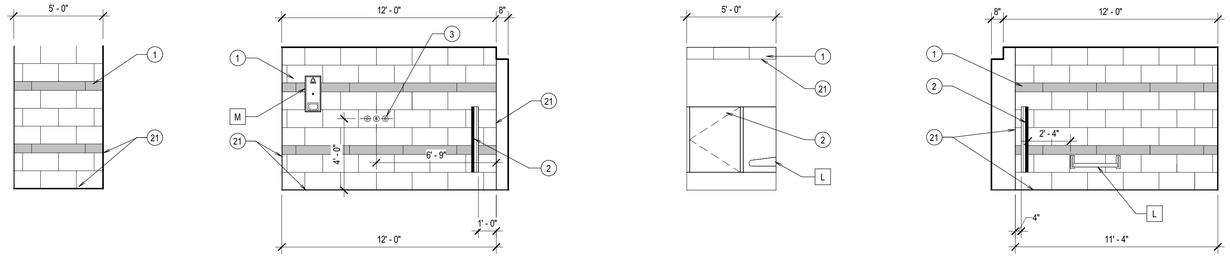
SCALE: 1/4" = 1'-0"

C A5.5 ELEVATION

SCALE: 1/4" = 1'-0"

D A5.5 ELEVATION

SCALE: 1/4" = 1'-0"



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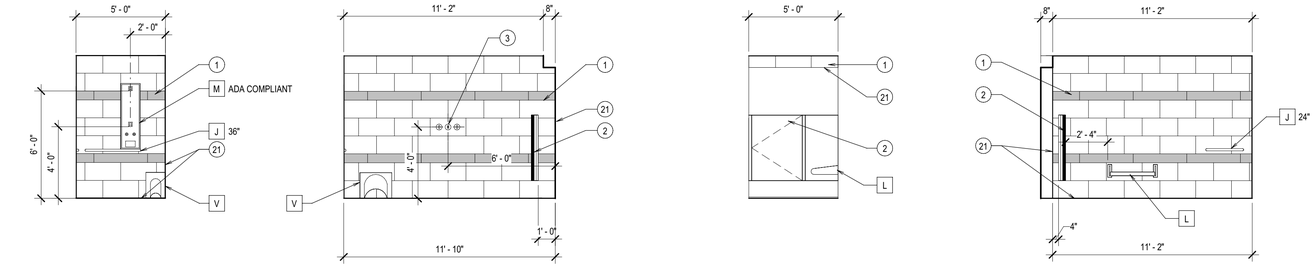

J A5.5 ELEVATION

SCALE: 1/4" = 1'-0"

K A5.5 ELEVATION

SCALE: 1/4" = 1'-0"

L A5.5 ELEVATION

SCALE: 1/4" = 1'-0"

M A5.5 ELEVATION

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NOT FOR CONSTRUCTION PURPOSES

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ENLARGED PLANS AND INTERIOR ELEVATIONS

REVISIONS

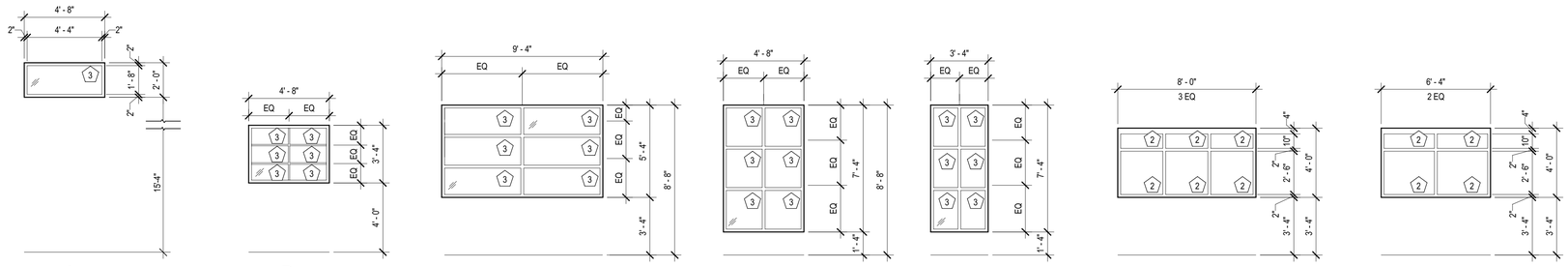
1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: KP
CHECKED BY: JHW
DRAWING NO.:

A5.5

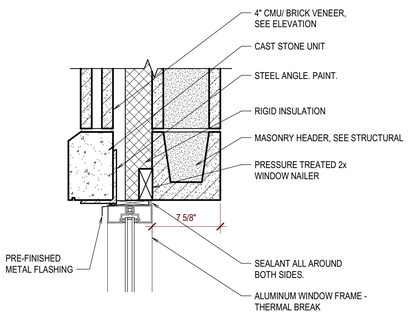
3/28/2023 11:29:08 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structures Only
Dept. of Building Safety
Per Approved Plans
Per Applicable Codes
Field Inspection Required
Any Deviations Shall Be Approved
Prior To Construction
The Approval Shall Not Be Construed To Be
A Permit For, Or An Approval Of, Any
Violation Of Any Provisions Of Any
Building Code Or Other Ordinance
This is not a building permit

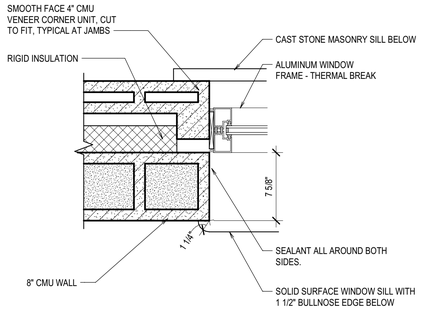


WINDOW TYPES

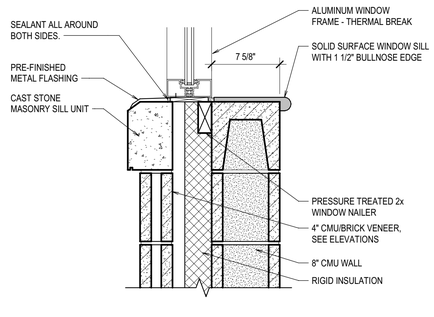
SCALE: 1/4" = 1'-0"



1 A6.1 HEAD
SCALE: 1 1/2" = 1'-0"



2 A6.1 JAMB
SCALE: 1 1/2" = 1'-0"



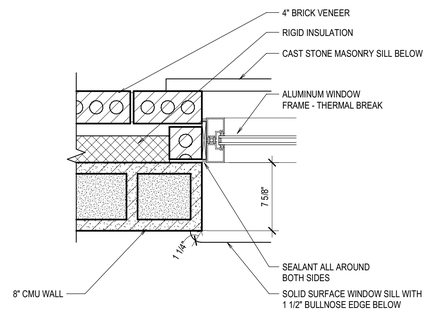
3 A6.1 SILL
SCALE: 1 1/2" = 1'-0"

GLAZING TYPE KEY

1	NOT USED
2	FIRE RATED, INSULATING, LAMINATED SAFETY GLAZING - CLEAR
3	INSULATING, LAMINATED SAFETY GLAZING - TINTED

WINDOW SCHEDULE

WINDOW MARK	SIZE WIDTH	SIZE HEIGHT	FRAME TYPE	FRAME MATERIAL	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	FIRE RATING	WINDOW BLINDS	REMARKS
MAIN FLOOR										
106	9'-4"	5'-4"	C	AL	1/A6.1	2/A.6.1	3/A6.1	--	YES	
111A	4'-8"	7'-4"	D	AL	1/A6.1 SIM	2,4/A.6.1 SIM	3/A6.1 SIM	--	YES	
111B	3'-4"	7'-4"	E	AL	1/A6.1 SIM	2,4/A.6.1 SIM	3/A6.1 SIM	--	YES	
113A	4'-8"	7'-4"	D	AL	1/A6.1 SIM	2,4/A.6.1 SIM	3/A6.1 SIM	--	YES	
113B	3'-4"	7'-4"	E	AL	1/A6.1 SIM	2,4/A.6.1 SIM	3/A6.1 SIM	--	YES	
113C	4'-8"	7'-4"	D	AL	1/A6.1	2/A.6.1	3/A6.1	--	YES	
113D	8'-0"	4'-0"	F	HM	5/A6.1	6/A6.1	5/A6.1 SIM	45	YES	
118	6'-4"	4'-0"	G	HM	5/A6.1	6/A6.1	5/A6.1 SIM	45		
119	9'-4"	5'-4"	C	AL	1/A6.1	2/A.6.1	3/A6.1	--	YES	
123	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
124	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
125	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
126	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
127	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
128	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
129	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
130	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
131	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
132	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
139	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
140	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
141	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
142	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
143	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
144	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
148	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
149	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
150	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
151	4'-8"	3'-4"	B	STEEL	10/A6.1	11/A.6.1	12/A6.1	--	NO	
MEZZANINE										
121A	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121B	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121C	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121D	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121E	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121F	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121G	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
121H	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137A	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137B	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137C	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137D	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137E	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137F	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137G	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	
137H	4'-8"	2'-0"	A	AL	7/A6.1	8/A6.1	9/A6.1	--	NO	



4 A6.1 JAMB
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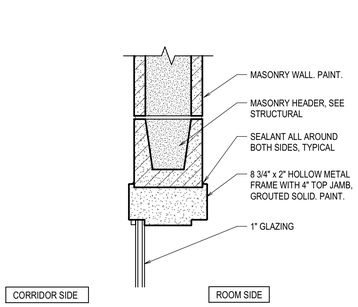

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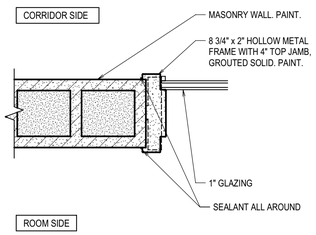

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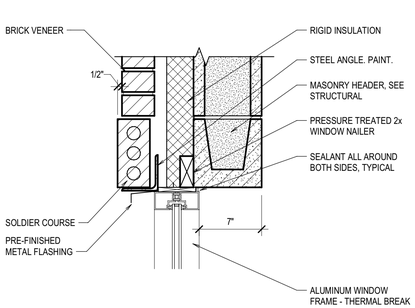

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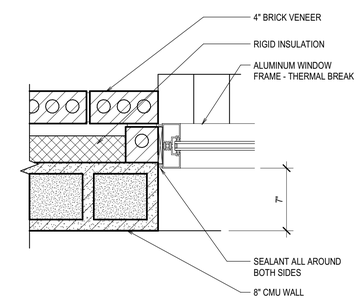

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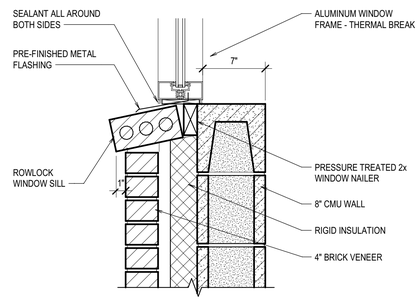

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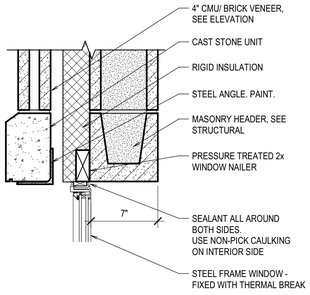

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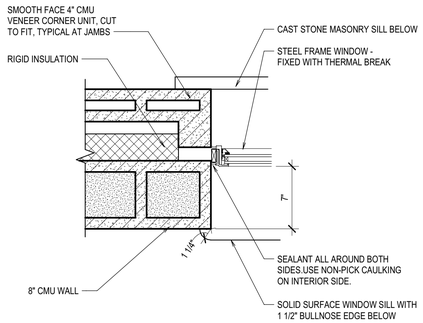

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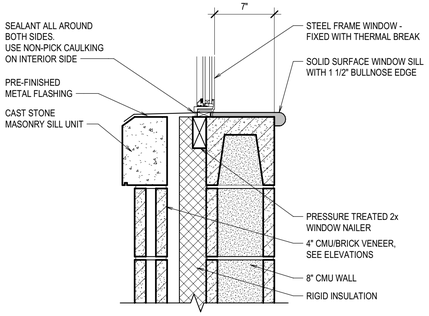

12 A6.1 SILL
SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
STATE OF IDAHO
AR-98339
02/01/2023

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: WINDOW SCHEDULE AND DETAILS

REVISIONS

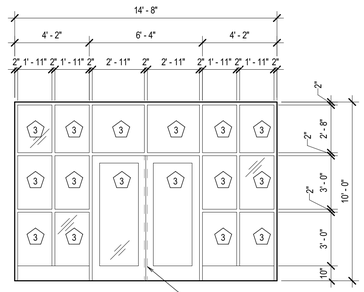
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A6.1

3/28/2023 11:29:09 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Star Idaho Building Safety
Date: 6/01/2023
By: Andrew Cobb
Permit Number: 23-0339
Approved as noted. Approval of these plans does not authorize any violation of state laws, regulations, or codes. Approval is based on information provided by the applicant and is subject to verification by the building official. The applicant is responsible for the implementation of these plans and for construction which complies with the requirements of all applicable codes. Approval of these plans does not authorize work to be done in any manner which violates any federal, state, or local law, ordinance, regulation, or code.
This is not a building permit



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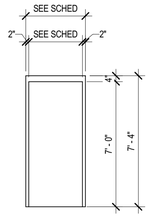

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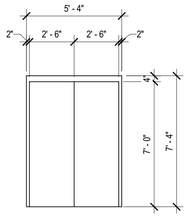

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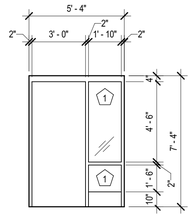

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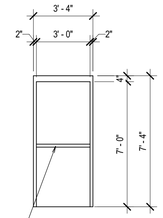

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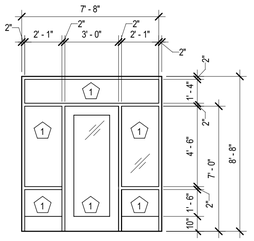

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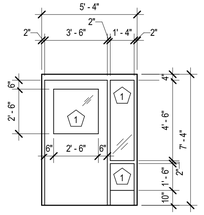

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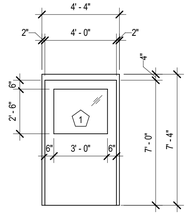

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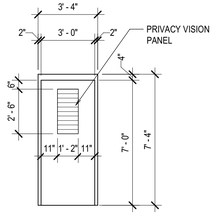


J

K

L

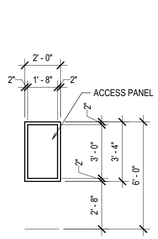
DOOR SCHEDULE

DOOR NUMBER	LOCATION FROM ROOM #	LOCATION FROM NAME	LOCATION TO ROOM #	LOCATION TO NAME	SIZE WIDTH	SIZE HEIGHT	SINGLE OR PAIR	DOOR TYPE	MATERIAL DOOR	MATERIAL FRAME	FRAME HEAD	FRAME JAMB/SILL	DOOR HANDING	FIRE RATING	REMARKS
MAIN FLOOR															
101	101	LOBBY	-	EXTERIOR	3'-0"	7'-0"	P	A	AL	AL	1/A6.1 SIM	2, 4/A6.1 SIM	LH/RH		
102	120A	CORRIDOR	102	STORAGE	3'-0"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	RHR	20 min.	
103	120E	CORRIDOR	103	STORAGE	2'-6"	7'-0"	P	C	WD	HM	1/A6.3	2/A6.3	LHR/RHR	20 min.	
104	120A	CORRIDOR	104	FIRE RISER	3'-0"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	LHR	20 min.	
105	120D	CORRIDOR	105	I.T. ROOM	2'-6"	7'-0"	P	C	WD	HM	1/A6.3	2/A6.3	LHR/RHR	20 min.	
106	120E	CORRIDOR	106	CLINICIAN	3'-0"	7'-0"	S	D	WD	HM	1,5/A6.3	2,6/A6.3	LHR	20 min.	
107	120E	CORRIDOR	107	DISPENSARY	3'-0"	7'-0"	S	E	WD	HM	3/A6.3	4/A6.3	RHR	20 min.	DUTCH DOOR
108	120E	CORRIDOR	108	CUSTODIAL	3'-0"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	RHR	20 min.	
109	120B	CORRIDOR	109	GROUP LEADER	3'-0"	7'-0"	S	Q	WD	HM	3,7/A6.3	4,8/A6.3	RHR	20 min.	
110	120B	CORRIDOR	110	MECH.	3'-6"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	LH	20 min.	
111	120B	CORRIDOR	111	GROUP ROOM	3'-0"	7'-0"	S	D	WD	HM	1,5/A6.3	2,6/A6.3	LHR	20 min.	BLINDS BETWEEN GLASS TO BE CONTROLLED FORM CORRIDOR SIDE
112A	120A	CORRIDOR	112	VEST.	3'-0"	7'-0"	S	F	WD	HM	14/A6.3	12,13/A6.3	LH	--	
112B	112	VEST.	-	EXTERIOR	3'-0"	7'-2"	S	N	AL	AL	1/A6.1	B/A3.2	LH	--	
113	120C	CORRIDOR	113	STAFF ROOM	3'-0"	7'-0"	S	T	WD	HM	1/A6.3	2/A6.3	LH	20 min.	
114	120D	CORRIDOR	114	UTILITY	3'-0"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	LHR	20 min.	
115	120C	CORRIDOR	116	STAFF T.R.	3'-0"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	RH	20 min.	
116	120D	CORRIDOR	116	GROUP LEADER	3'-0"	7'-0"	S	Q	WD	HM	3,7/A6.3	4,8/A6.3	RHR	20 min.	
117	120C	CORRIDOR	117	STORAGE	3'-0"	7'-0"	S	B	WD	HM	3/A6.3	4/A6.3	RH	20 min.	
118	120A	CORRIDOR	118	LAUNDRY	3'-6"	7'-0"	S	G	WD	HM	3,7/A6.3	4,8/A6.3	RHR	20 min.	
119	120D	CORRIDOR	119	UNIT MANAGER	3'-0"	7'-0"	S	Q	WD	HM	1,5/A6.3	2,6/A6.3	RHR	20 min.	
121A	120E	CORRIDOR	121	DAY ROOM	4'-0"	7'-0"	S	H	HM	HM	1/A6.3	2/A6.3	LHR	20 min.	
121B	120B	CORRIDOR	121	DAY ROOM	4'-0"	7'-0"	S	H	HM	HM	1/A6.3	2/A6.3	LHR	20 min.	
121C	121	DAY ROOM	-	EXTERIOR	2'-11"	7'-2"	S	K	AL	AL	15/A6.3	16,17,18,19,20,21/A6. 3 SIM	RH	--	ROLLER SHADES
123A	121	DAY ROOM	123	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
123B	106	CLINICIAN			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
124A	121	DAY ROOM	124	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
124B	121	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	LHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
125	121	DAY ROOM	125	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
126A	121	DAY ROOM	126	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
126B	121	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
127	121	DAY ROOM	127	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
128A	121	DAY ROOM	128	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
128B	121	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
129A	121	DAY ROOM	129	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
129B	121	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
130	121	DAY ROOM	130	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
131A	121	DAY ROOM	131	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
131B	121	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
132	121	DAY ROOM	132	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2,6/A6.3	RHR	--	IN SMOKE PARTITION WALL
136	120B	CORRIDOR	136	STORAGE	3'-0"	7'-0"	S	B	WD	HM	1/A6.3	2/A6.3	RH	20 min.	
137A	120D	CORRIDOR	137	DAY ROOM	4'-0"	7'-0"	S	R	HM	HM	1/A6.3	2/A6.3	RHR	20 min.	
137B	120C	CORRIDOR	137	DAY ROOM	4'-0"	7'-0"	S	R	HM	HM	1/A6.3	2/A6.3	RHR	20 min.	
137C	137	DAY ROOM	-	EXTERIOR	2'-11"	7'-2"	S	L	AL	AL	15/A6.3	16,17,18,19,20,21/A6. 3 SIM	LH	--	ROLLER SHADES
139A	137	DAY ROOM	139	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
139B	137	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	LHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
140A	137	DAY ROOM	140	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
140B	137	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	LHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
141	137	DAY ROOM	141	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
142A	137	DAY ROOM	142	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
142B	137	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	LHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
143	137	DAY ROOM	143	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
144A	137	DAY ROOM	144	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
144B	119	UNIT MANAGER			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	LHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
148A	137	DAY ROOM	148	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
148B	137	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
149	137	DAY ROOM	149	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	IN SMOKE PARTITION WALL
150A	137	DAY ROOM	150	BEDROOM	3'-0"	7'-0"	S	J	HM	HM	1/A6.3	2/A6.3	LHR	--	IN SMOKE PARTITION WALL
150B	137	DAY ROOM			1'-8"	3'-0"	S	M	HM	HM	9/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
151	137	DAY ROOM	151	BEDROOM	3'-0"	7'-0"	S	S	HM	HM	1/A6.3	2/A6.3	RHR	--	DETENTION GRADE PLUMBING ACCESS DOOR W/ SPECIAL KEY
MEZZANINE															
200	200	MECHANICAL PLATFORM	110	MECHANICAL RM	3'-0"	6'-8"	S	P	HM	HM	10/A6.3	11/A6.3	RH	--	
201	200	MECHANICAL PLATFORM	201	ACCESS CONTROL ROOM	3'-0"	6'-8"	S	P	HM	HM	10/A6.3	11/A6.3	RH	--	

NOTE: CONTRACTOR TO COORDINATE THE PREPARATION OF DOOR FRAMES AND DOORS WITH SCHEDULED DOOR HARDWARE

GLAZING TYPE KEY

1. FIRE RATED, LAMINATED SAFETY GLAZING
2. NOT USED
3. INSULATING, LAMINATED SAFETY GLAZING - TINTED



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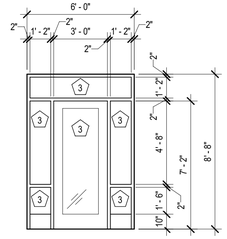

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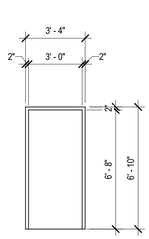

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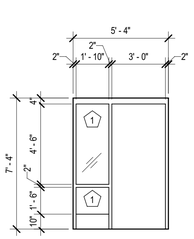

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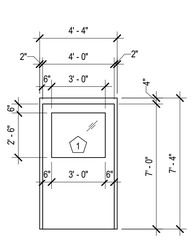

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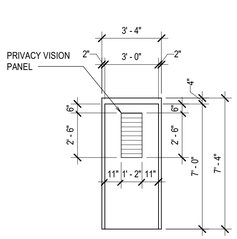

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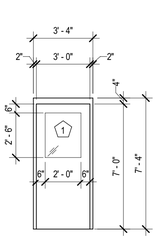

T

DOOR TYPES

SCALE: 1/4" = 1'-0"

LICENSED ARCHITECT
JOSHUA H. WHITT
PA-23339
02/01/2023
JOSHUA H. WHITT
LICENSED ARCHITECT
STATE OF IDAHO

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
DOOR SCHEDULE

REVISIONS

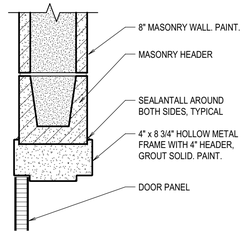
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

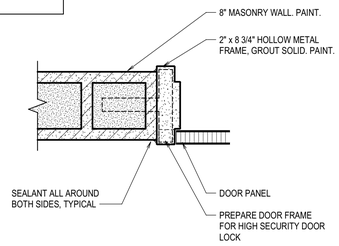
DRAWING NO.:
A6.2

Approved
State of Idaho
Division of Building Safety
Plan Review Group
Plans approved as noted. Plan review based only on the requirements of adopted building codes, laws, and rules specified. The building official may require modifications to these plans and specifications when deficiencies are discovered. The approval of plans is not an approval to violate any code, law, or rule. Approval is void if construction does not commence within 180 days.
This is not a building permit

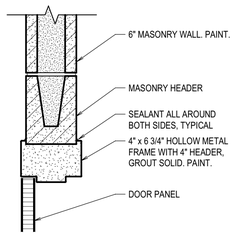
NOTE:
INSTALL NON-PICK CAULKING ALL AROUND DOOR FRAME INSIDE OF BEDROOMS.



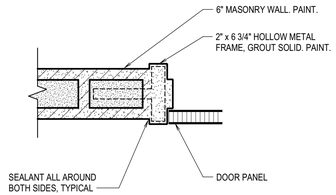
1 A6.3 HEAD
SCALE: 1 1/2" = 1'-0"



2 A6.3 JAMB
SCALE: 1 1/2" = 1'-0"



3 A6.3 HEAD
SCALE: 1 1/2" = 1'-0"



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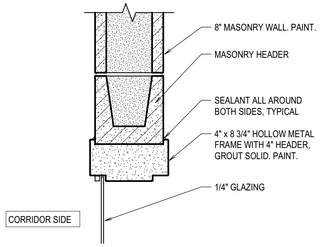
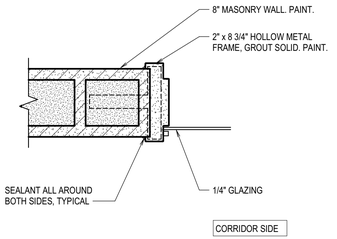
SCALE: 1 1/2" = 1'-0"



5 A6.3 HEAD
SCALE: 1 1/2" = 1'-0"



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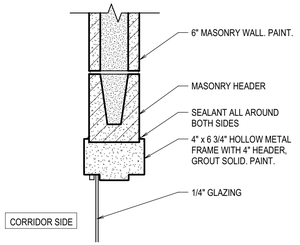
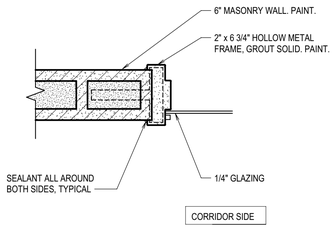
SCALE: 1 1/2" = 1'-0"



7 A6.3 HEAD
SCALE: 1 1/2" = 1'-0"



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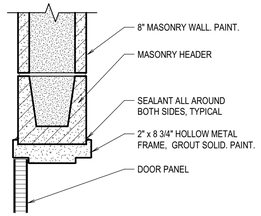

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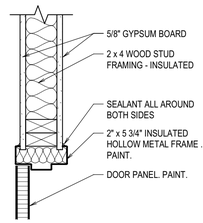

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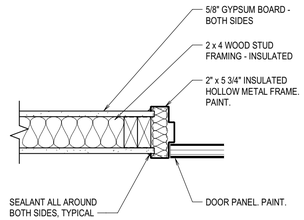
SCALE: 1 1/2" = 1'-0"



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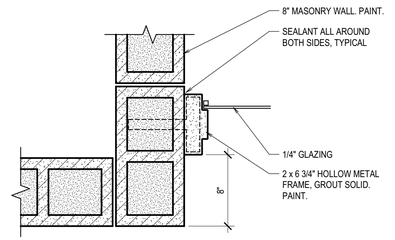

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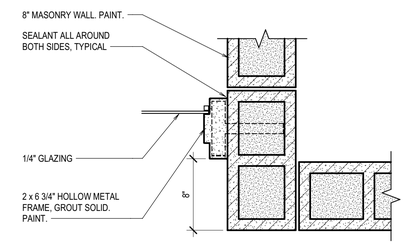

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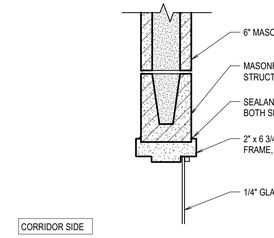
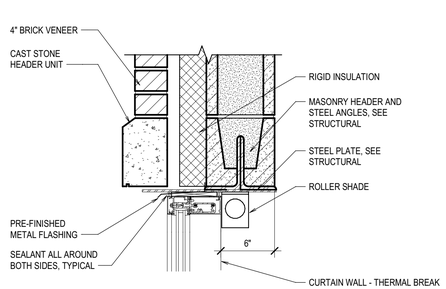


14 A6.3 HEAD
SCALE: 1 1/2" = 1'-0"



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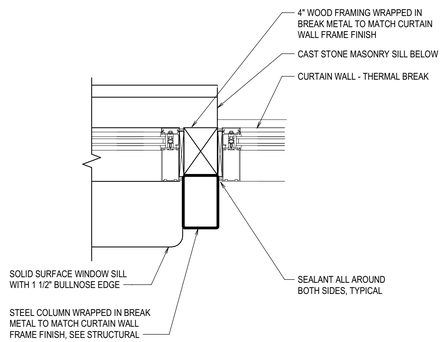

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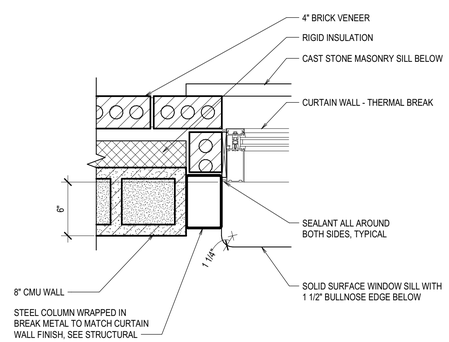

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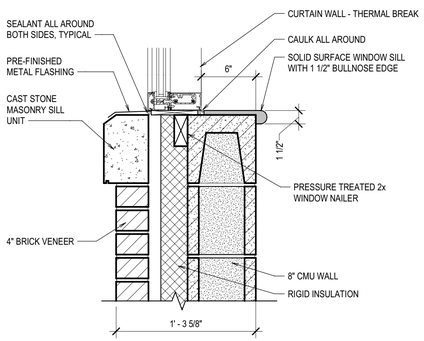

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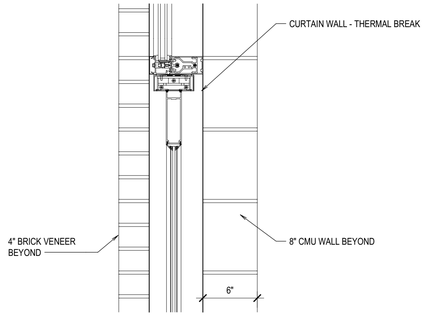

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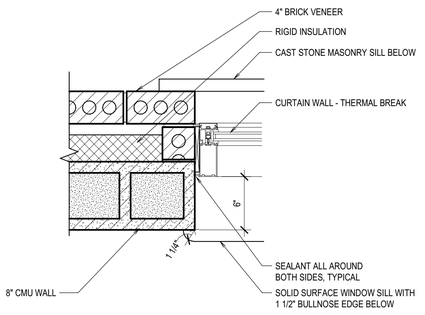

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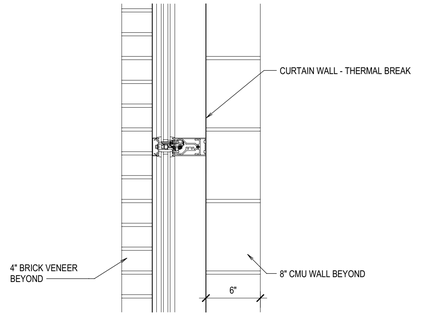

21 A6.3 MULLION
SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT
JAMES A. WHITT
06-03339
STATE OF IDAHO
02/01/2023

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(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: DOOR DETAILS

REVISIONS

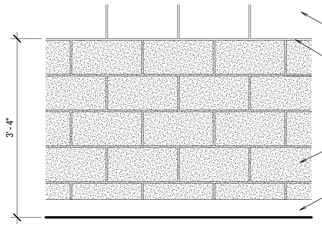
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A6.3

3/28/2023 11:29:12 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structural Idaho
Date: 6/01/2023
By: Robert Cook
Permit Number: 23-0000
Approval is granted on the condition that the proposed building or structure complies with the Idaho State Building Code and other laws applicable thereto. This approval is based solely on the information provided in the permit application and does not prevent the building official from requiring corrections to errors in the plans, building or structure, or violations that may be found in such plans, building or structure during construction.
This is not a building permit



1 A6.4 DETAIL
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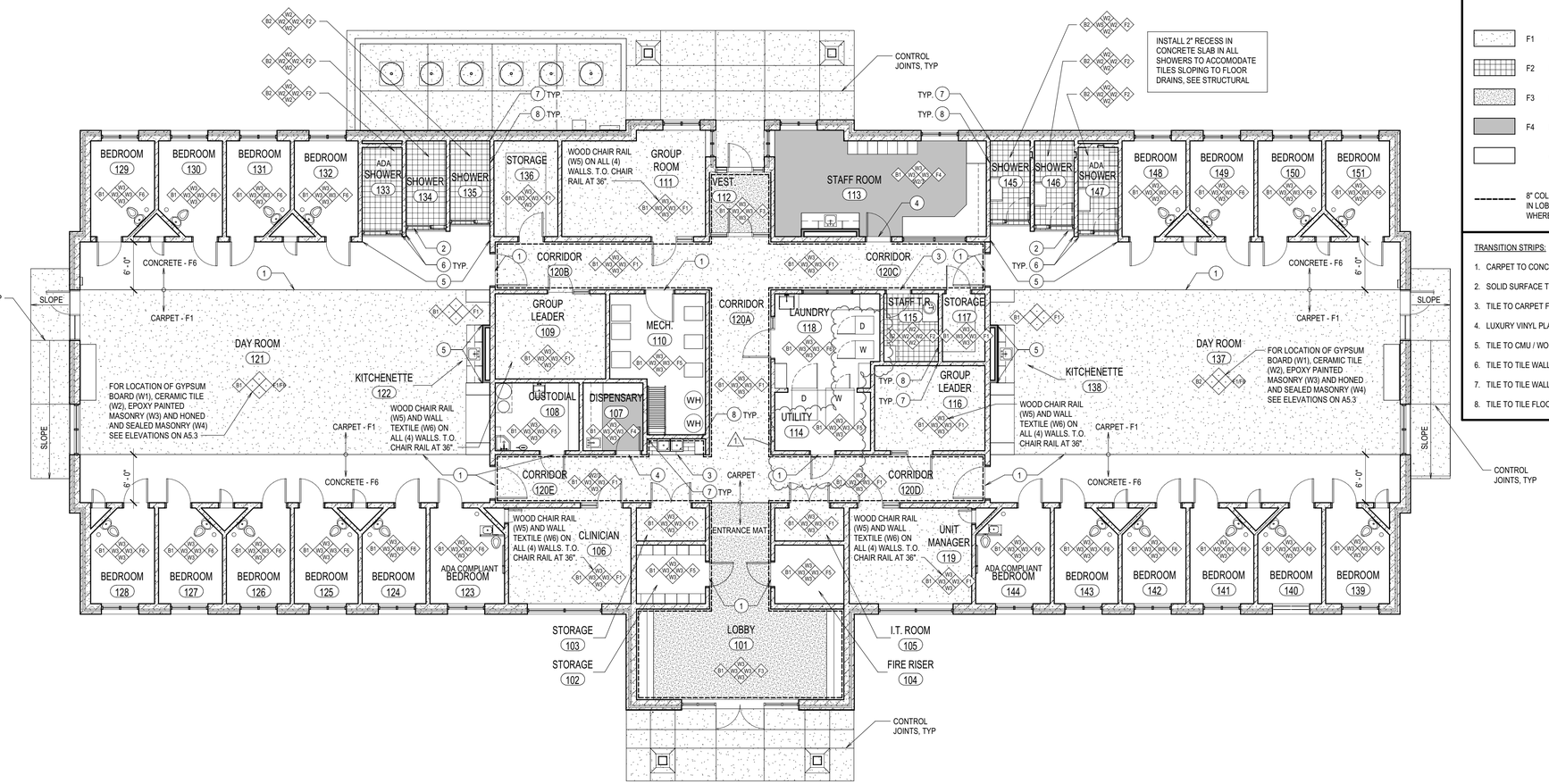


FINISH FLOOR PLAN
SCALE: 1/8" = 1'-0"

FINISH SCHEDULE KEY

WALL FINISH

W1	TAPED, TEXTURED AND PAINTED GYPSUM BOARD
W2	CERAMIC TILE
W3	EPOXY PAINTED MASONRY
W4	HONED AND SEALED MASONRY, KANTA, COLOR: BUFF
W5	WOOD CHAIR RAIL
W6	WALL TEXTILE

FLOOR FINISH

F1	CARPET
F2	FLOOR TILE
F3	ENTRANCE MAT/WALK OFF TILE
F4	LUXURY VINYL PLANK
F5	SEALED CONCRETE
F6	STAINED, POLISHED AND SEALED CONCRETE

BASE FINISH

B1	4" COVED RUBBER
B2	SCHLUTER DILEX-AHK COVED SHAPED PROFILE

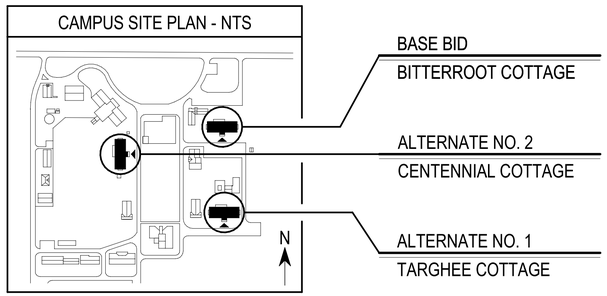
F1 CARPET
F2 FLOOR TILE
F3 ENTRANCE MAT/WALK OFF TILE
F4 LUXURY VINYL PLANK
CONCRETE

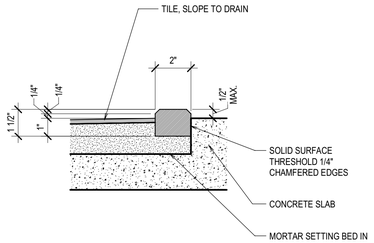
8" COLORED CMU WAINSCOT, SEE DETAIL 1/A6.4. IN LOBBY 101, CORRIDOR 120 A,B,C,D,E AND VESTIBULE 112 WHERE INDICATED BY DASHED LINE

TRANSITION STRIPS:

1. CARPET TO CONCRETE FLOOR TRANSITION - ROPPE REDUCER #22
2. SOLID SURFACE THRESHOLD AT ALL SHOWER ENTRANCES, SEE DETAIL 2/A6.4
3. TILE TO CARPET FLOOR TRANSITION - RENO-U, SCHLUETER
4. LUXURY VINYL PLANK TO CARPET FLOOR TRANSITION - RENO-U, SCHLUETER
5. TILE TO CMU / WOOD WALL TRANSITION - SCHIENE, SCHLUETER
6. TILE TO TILE WALL TRANSITION - OUTSIDE CORNER - QUADEC, SCHLUETER
7. TILE TO TILE WALL TRANSITION - INSIDE CORNER - DILEX-AHK, SCHLUETER
8. TILE TO TILE FLOOR / WALL TRANSITION - DILEX-AHK, SCHLUETER

CAMPUS SITE PLAN - NTS





2 A6.4 DETAIL
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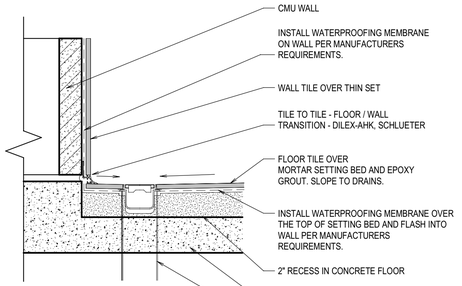

3 A6.4 DETAIL
SCALE: 3" = 1'-0"

LICENSED ARCHITECT
JOHN B. WARD
No. 10339
02/01/2023
JOHN B. WARD
STATE OF IDAHO

nbwarchitects p.a.
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(P) 208.522.8775 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: FINISH FLOOR PLAN

REVISIONS

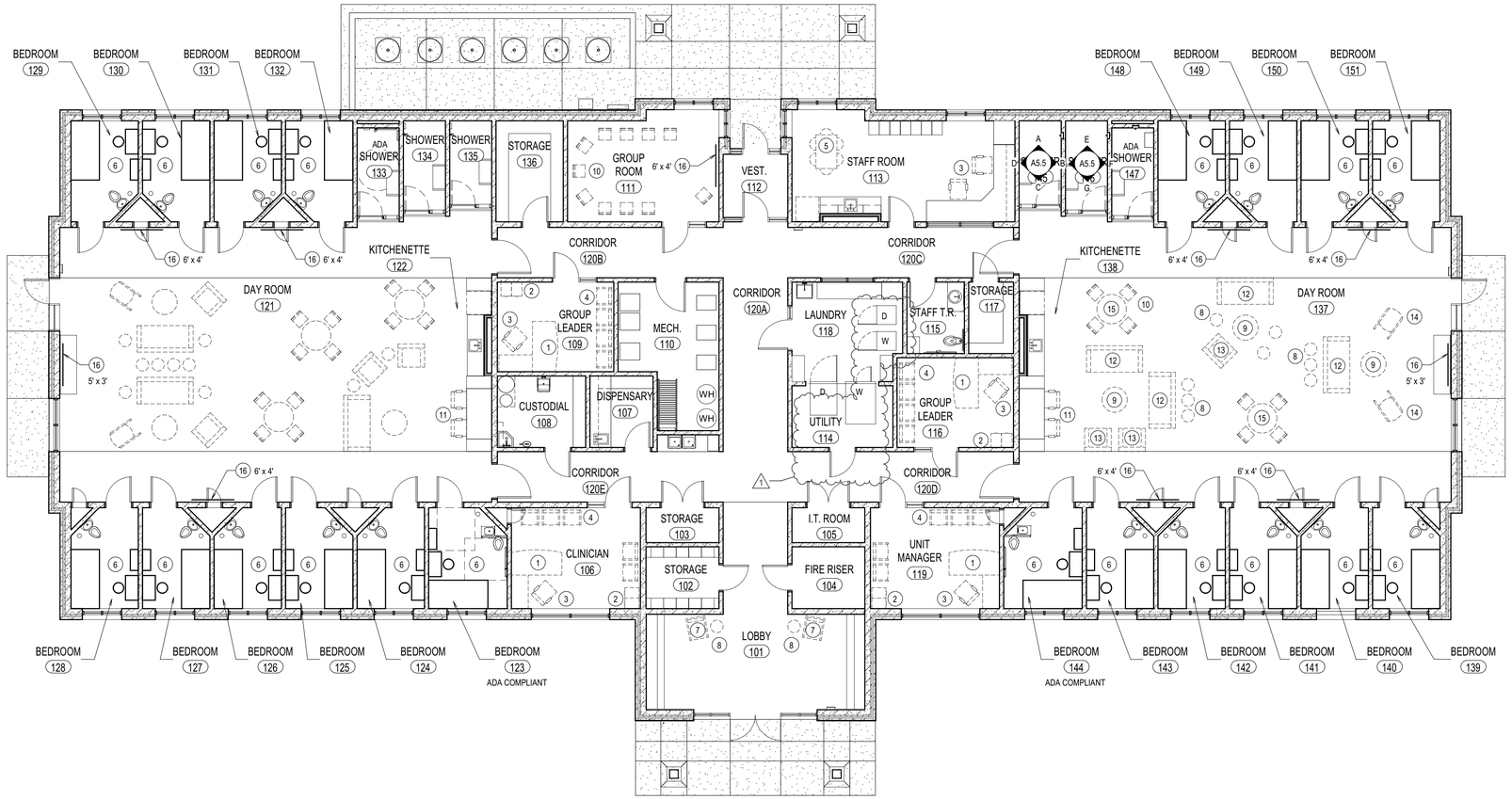
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A6.4

5/24/2023 2:35:18 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Structural Idaho
Date: 6/01/2023
Permit Number: 2023-0000
Permit Type: Building Permit
Approved for Code Compliance
Structural Idaho, PLLC
This approval is limited to the scope of work described in the approved construction documents and any approved revisions thereto. This approval does not authorize, permit, or condone violations of any provisions of the International Building Code or other applicable codes or regulations. The building official is authorized to revoke this approval if any violations are found during subsequent inspections.
This is not a building permit



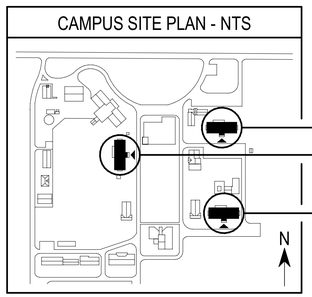
GENERAL NOTES

1. FURNISHINGS SHOWN DASHED ARE NOT ATTACHED TO THE BUILDING AND ARE OWNER PROVIDED. THE FURNISHINGS IN THE BEDROOMS SHOWN WITH A CONTINUOUS LINE ARE ATTACHED TO EITHER THE FLOOR OR THE WALL AND ARE CONTRACTOR PROVIDED.

KEYNOTES

1. DESK WITH RETURN AND BOW FRONT, HON, MOD DESKING, OWNER PROVIDED
2. FILE CABINET,15" X 20", OWNER PROVIDED
3. TASK CHAIR, HON, IGNITION, MID BACK, MESH BACK 4 WAY STRETCH, OWNER PROVIDED
4. GUEST CHAIR, HON, IGNITION, 4 WAY STRETCH MULTI PURPOSE, SLED BASE, OWNER PROVIDED
5. DINING TABLE AND CHAIRS, WEBRESTAURANT STORE, LANCASTER TABLE + SEATING, 30" X 48", ANTIQUE WALNUT, SOLID WOOD LIVE EDGE, BAR HEIGHT, OWNER PROVIDED
6. BEDROOM FURNITURE, CONTRACTOR PROVIDED:
   BED, MAX-SECURE, ENDURA SERIES, EN 6000-1 (ATTACH TO FLOOR)
   LOCKER, MAX-SECURE, ENDURA SERIES, EN 6000-8 (ATTACH TO WALL)
   DESK, MAX-SECURE, ENDURA SERIES, EN 6000-9, WALL MOUNTED (ATTACH TO WALL)
   ROUND STOOL, MAX-SECURE, ENDURA SERIES, EN 6000-11 (ATTACH TO FLOOR)
   MATTRESS, MAX-SECURE, ENDURA SERIES, EN 6000-M
7. SIDE CHAIR, NORIX, VESTA CHAIR, LOUNGE, UPHOLSTERED, OWNER PROVIDED
8. SIDE TABLE, NORIX, TABLA, 18" STANDARD, OWNER PROVIDED
9. TABLE, NORIX, TABLA, 36" STANDARD, OWNER PROVIDED
10. CHAIR, NORIX, INTEGRA, C110, OWNER PROVIDED
11. TASK CHAIR, HON, IGNITION, LOW BACK, MESH BACK 4 WAY STRETCH, OWNER PROVIDED
12. SOFA, PINEAPPLE CONTRACT, MAGNA SOFA, THREE-SEATER, OWNER PROVIDED
13. SIDE CHAIR, PINEAPPLE CONTRACT, MAGNA CHAIR, OWNER PROVIDED
14. ROCKING CHAIR, NORIX, ROCKSMART, OWNER PROVIDED
15. TABLE, NORIX, FORTE CAFE TABLE, OWNER PROVIDED
16. MARKER BOARD, CONTRACTOR PROVIDED

CAMPUS SITE PLAN - NTS



BASE BID
BITTERROOT COTTAGE

ALTERNATE NO. 2
CENTENNIAL COTTAGE

ALTERNATE NO. 1
TARGHEE COTTAGE

FURNISHINGS FLOOR PLAN

SCALE: 1/8" = 1'-0"

LICENSED ARCHITECT
JOHN H. WARD
06-03239
01/01/2023
JANUARY 1ST
STATE OF IDAHO

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
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(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
FURNISHINGS FLOOR PLAN

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

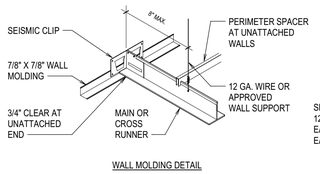
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A6.5

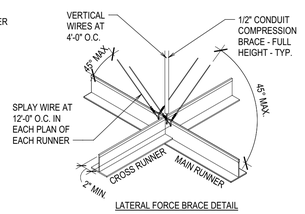
5/24/2023 2:35:22 PM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review Group
Plan Review is only for the specific code sections listed and does not include all applicable codes. The designer of record is responsible for code compliance. Field inspection will be performed by the local jurisdiction having authority.
This is not a building permit

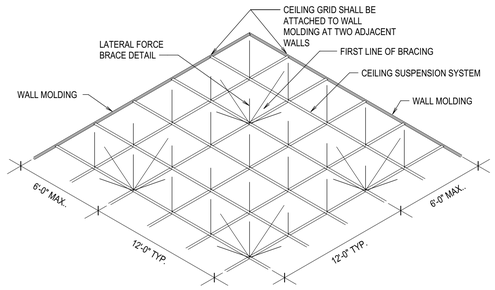
1a



WALL MOLDING DETAIL



LATERAL FORCE BRACE DETAIL



SUSPENSION SYSTEM LAYOUT
NOT TO SCALE

LATERAL FORCED BRACING REQUIRED FOR CEILING AREAS OVER 1,000 S.F. CEILING AREAS UNDER 1,000 S.F. ARE NOT.

RIDGED BRACES MAY BE USED INSTEAD OF DIAGONAL SPLAY WIRES.

A SEISMIC SEPARATION JOINT IS REQUIRED FOR CEILING AREAS GREATER THAN 2,500 S.F.

SUSPENDED CEILING SEISMIC DETAILS

GENERAL NOTES

1. CONTRACTOR SHALL RESOLVE ALL DIMENSIONAL OR OTHER DISCREPANCIES, DURING LAYOUT WITH ARCHITECT, PRIOR TO BEGINNING CONSTRUCTION.
2. CEILING PLANS ARE FOR COORDINATION PURPOSES ONLY - SEE ELECTRICAL AND MECHANICAL DRAWINGS.
3. BRACE SUSPENDED CEILINGS PER STANDARD SEISMIC BRACING DETAIL ON THIS SHEET.
4. SEE ATTIC PLAN A8.4 FOR LOCATION OF ALL ATTIC ACCESS HATCHES.

C1 1'-0" CEILING SCHEDULE KEY

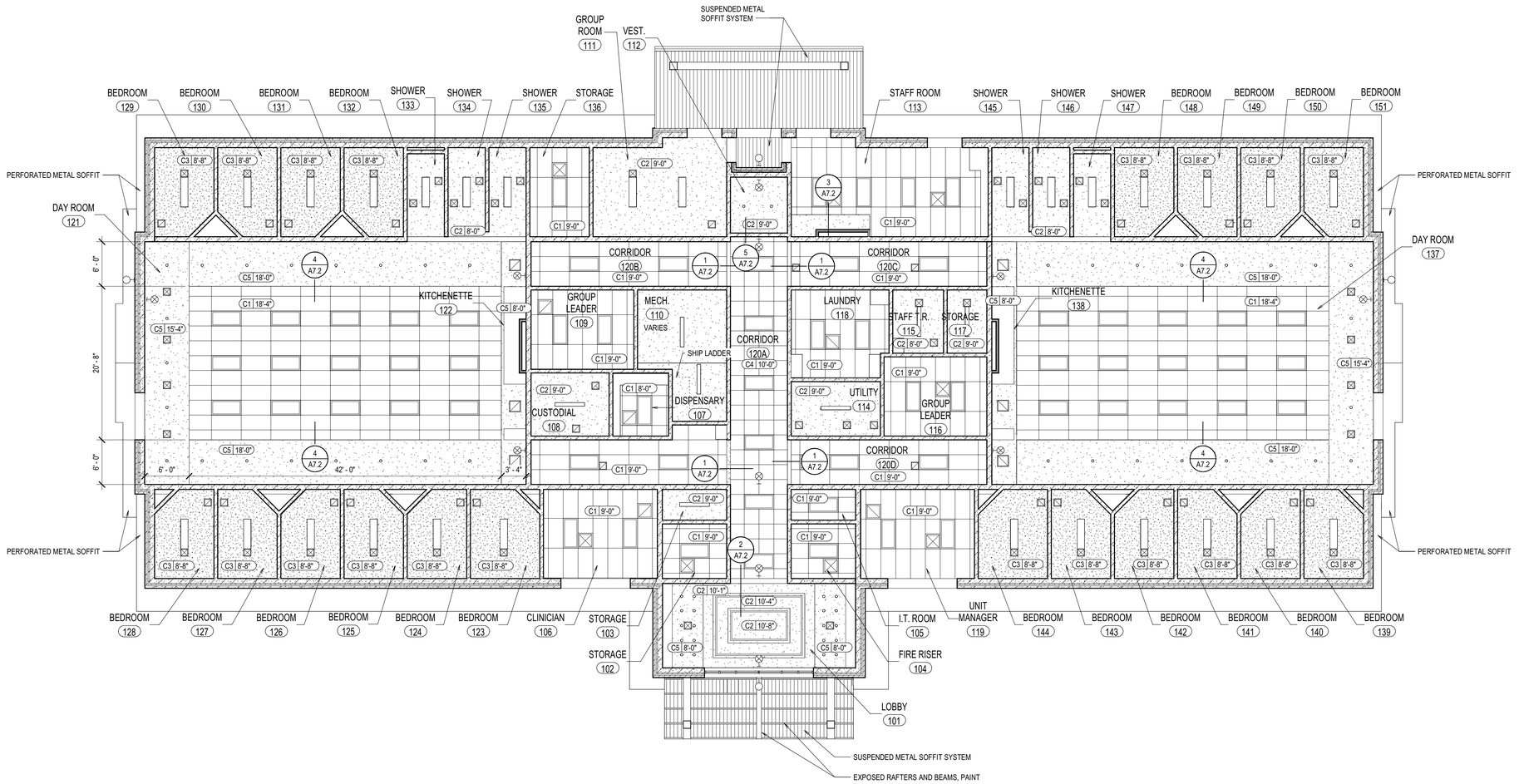
CEILING FINISH	CEILING FINISH
C1 2x4 LAY-IN ACOUSTICAL PANELS AND SUSPENDED GRID SYSTEM	C4 2x2 LAY-IN ACOUSTICAL PANELS AND SUSPENDED GRID SYSTEM
C2 SUSPENDED 5/8" GYPSUM BOARD	C5 5/8" GYPSUM BOARD ON WOOD FRAME
C3 PLASTER ON METAL LATH CEILING AND BLACK IRON SUSPENSION SYSTEM	C6 SUSPENDED LINEAR METAL SOFFIT SYSTEM

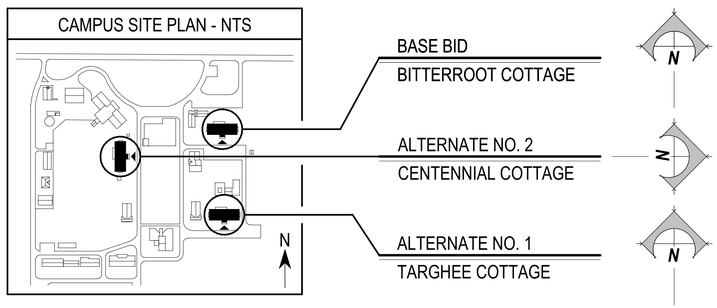
CEILING FIXTURE KEY

LIGHT FIXTURES - SEE ELECTRICAL DRAWINGS

EXIT DEVICES - SEE ELECTRICAL DRAWINGS

MECHANICAL FIXTURES - SEE MECHANICAL DRAWINGS





REFLECTED CEILING PLAN - MAIN FLOOR PLAN

SCALE: 1/8" = 1'-0"

LICENSED ARCHITECT
JOHN W. BARTLETT
06-03339
STATE OF IDAHO
02/01/2023

nbwarchitects p.a.
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900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
REFLECTED CEILING PLAN - MAIN FLOOR

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

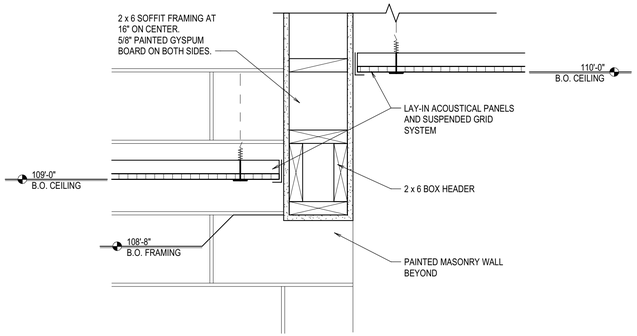
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A7.1

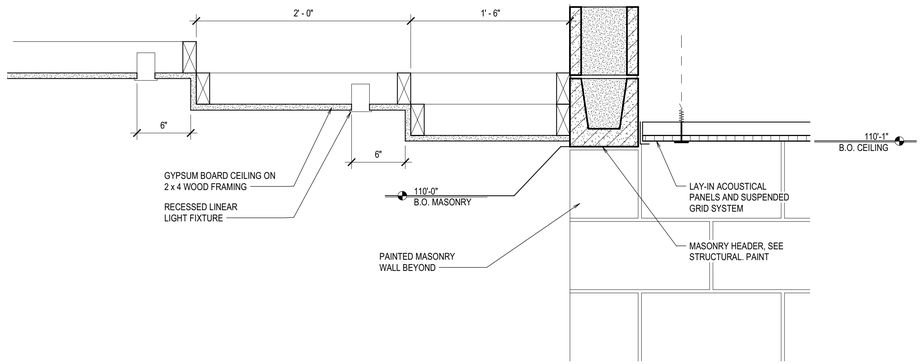
This is not a building permit

3/29/2023 8:57:05 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

Approved
Star Sanitation District
Date: 6/01/2023
Permit #: 0000
Approved as noted. Permit and approved plans must be on job site at time of inspection. Work not in conformance to approved plans is subject to stop work order. Approval of these plans does not imply that they comply with all applicable codes. The contractor is responsible for all dimensions and conditions on the job site. Contractor shall notify Star Sanitation District 48 hours prior to any required inspections.
This is not a building permit



1 A7.2 DETAIL
SCALE: 1 1/2" = 1'-0"



2 A7.2 DETAIL
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

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C3 PLASTER ON METAL LATH CEILING AND BLACK IRON SUSPENSION SYSTEM	C6 SUSPENDED LINEAR METAL SOFFIT SYSTEM

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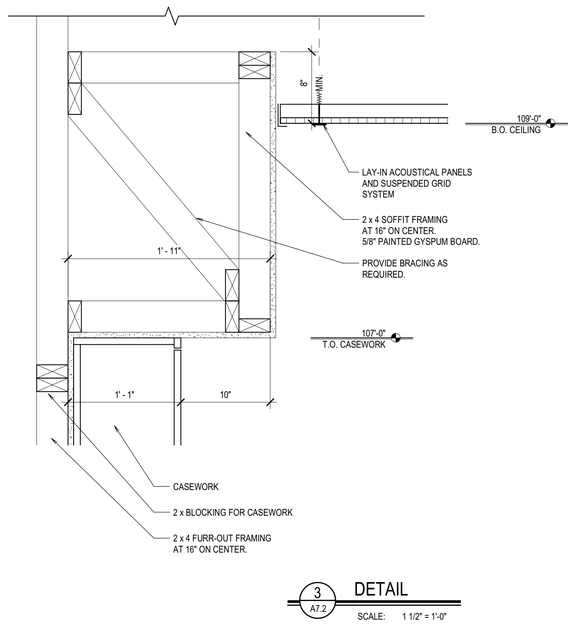
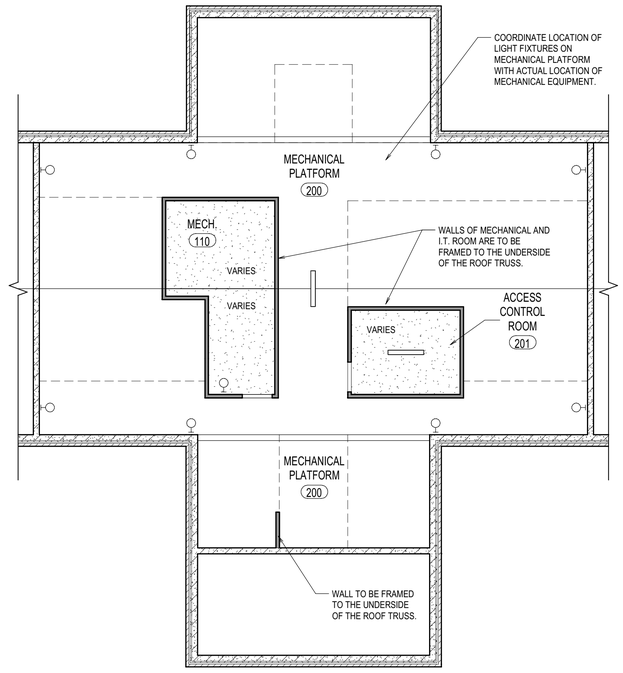
LIGHT FIXTURES - SEE ELECTRICAL DRAWINGS

EXIT DEVICES - SEE ELECTRICAL DRAWINGS

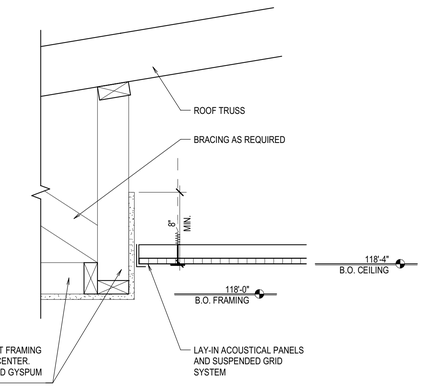
MECHANICAL FIXTURES - SEE MECHANICAL DRAWINGS



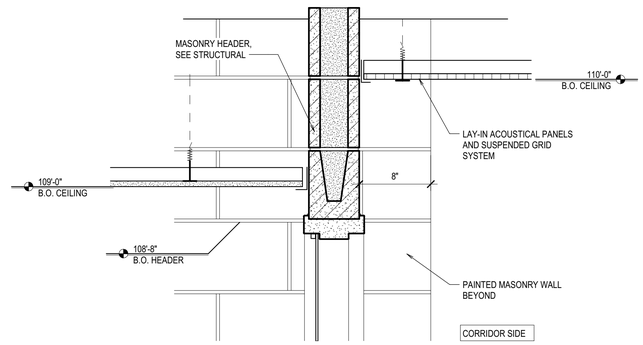
3 A7.2 DETAIL
SCALE: 1 1/2" = 1'-0"



REFLECTED CEILING PLAN - MEZZANINE
SCALE: 1/8" = 1'-0"

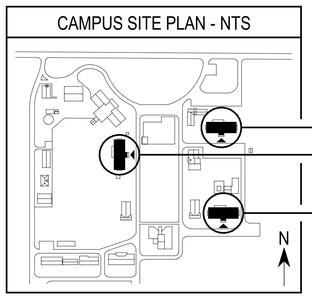


4 A7.2 DETAIL
SCALE: 1 1/2" = 1'-0"



5 A7.2 DETAIL
SCALE: 1 1/2" = 1'-0"

CAMPUS SITE PLAN - NTS



BASE BID
BITTERROOT COTTAGE

ALTERNATE NO. 2
CENTENNIAL COTTAGE

ALTERNATE NO. 1
TARGHEE COTTAGE

LICENSED ARCHITECT JOSHUA H. WHITE PA-23239 02/01/2023 STATE OF IDAHO

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(P) 208.522.8775 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: REFLECTED CEILING PLAN - MEZZANINE

REVISIONS

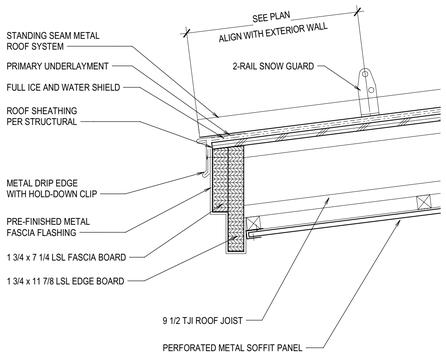
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

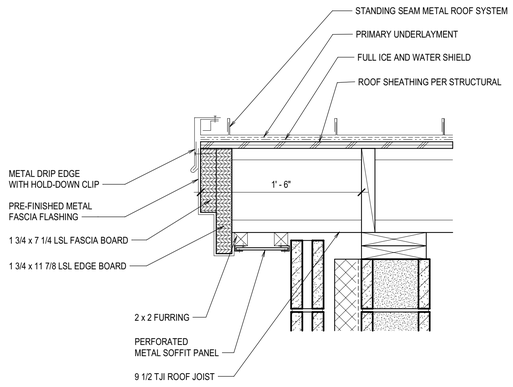
DRAWING NO.:
A7.2

3/29/2023 8:57:05 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CAD\Drawings\21023 A1.1_03-17-23.rvt

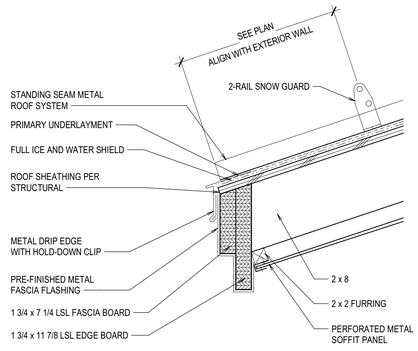
Approved
Structural Idaho
Date: 6/01/2023
By: Ryan D. Cook
Permit Number: 23-0000
Jurisdiction: Bingham County
This approval is for structural components only. The approval is not an approval for any other aspect of the project. The approval is not an approval for the project as a whole. Building permits may be required from building, electrical, mechanical, plumbing, and fire departments.
This is not a building permit



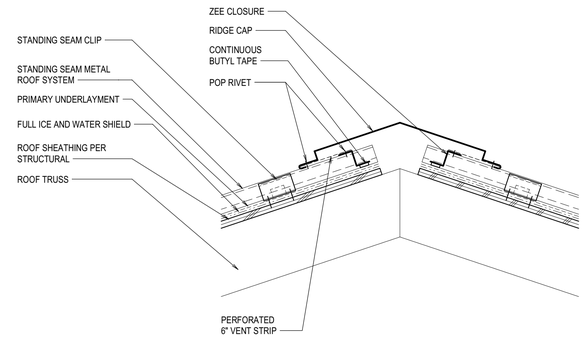
A8.1 DETAIL
SCALE: 1 1/2" = 1'-0"



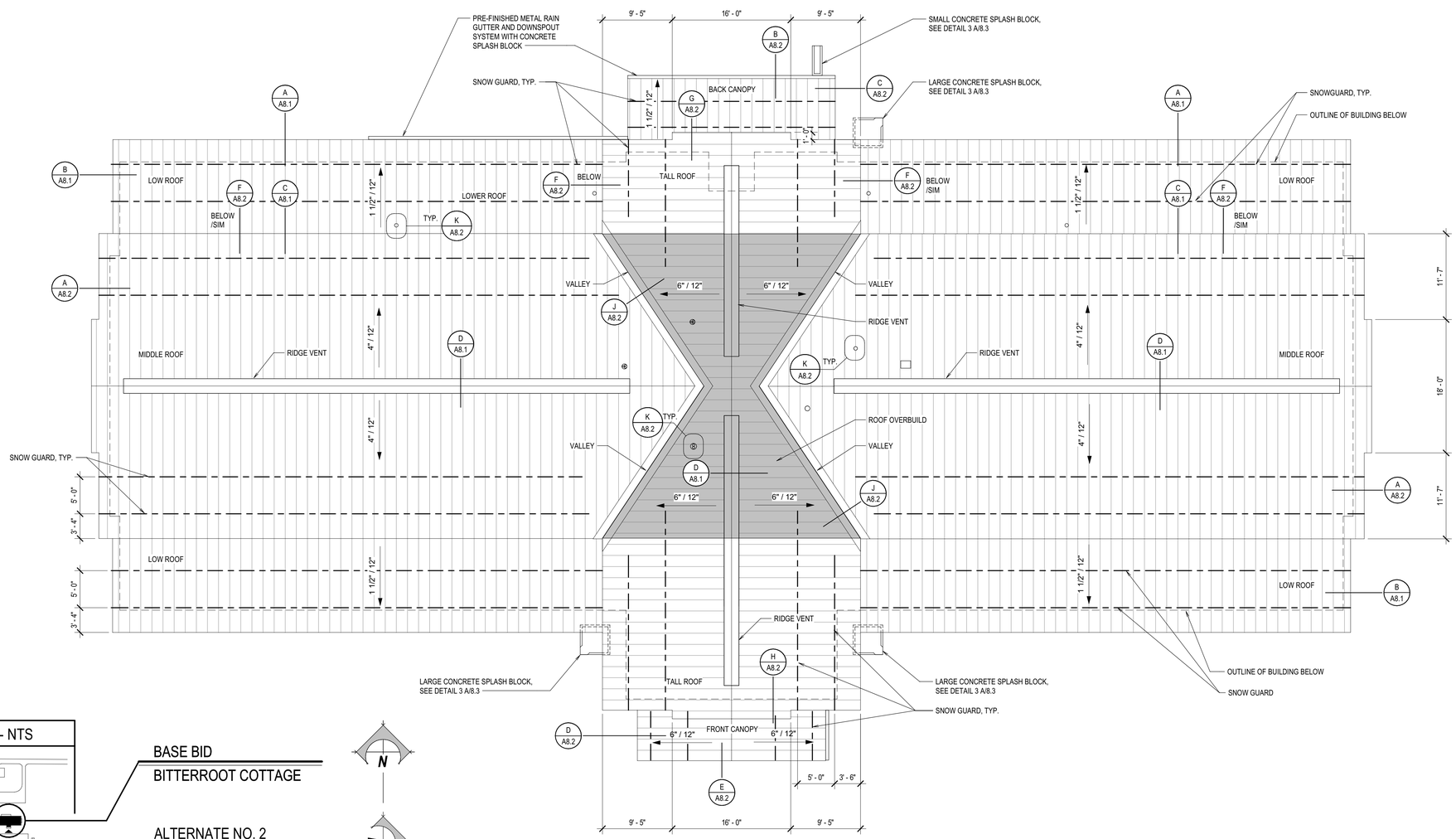
B A8.1 DETAIL
SCALE: 1 1/2" = 1'-0"



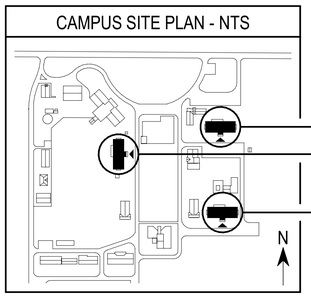
C A8.1 DETAIL
SCALE: 1 1/2" = 1'-0"



D A8.1 DETAIL
SCALE: 1 1/2" = 1'-0"



CAMPUS SITE PLAN - NTS



BASE BID
BITTERROOT COTTAGE

ALTERNATE NO. 2
CENTENNIAL COTTAGE

ALTERNATE NO. 1
TARGHEE COTTAGE

ROOF PLAN
SCALE: 1/8" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
STATE OF IDAHO
06-10339
02/01/2023

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
990 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8795 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ROOF PLAN

REVISIONS

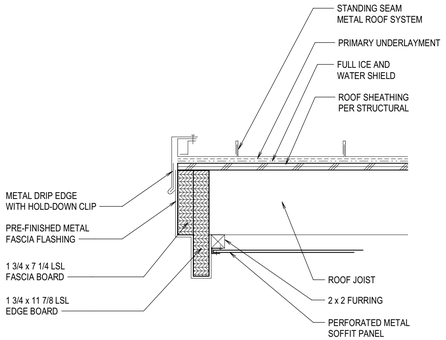
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:
A8.1

3/29/2023 9:04:13 AM N:\Projects\Other\DPW\DPW 21-725 JCC Cottages - 21023\CADD\drawings\21023 A1.1_03-17-23.rvt

Approved
Structure Idaho
Building Safety
Plan Review Group
Plan Review Approval Subject to the following conditions:
1. Approval of this plan review does not authorize any violation of state laws or local ordinances.
2. This approval is valid for one year from the date of approval.
3. Approval of this plan review does not authorize work to be done beyond the scope of the plans submitted for review.
This is not a building permit



A A8.2 DETAIL
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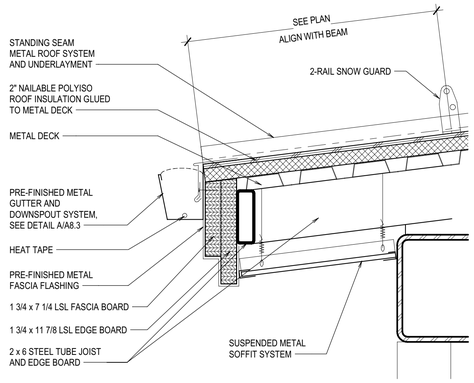

B A8.2 DETAIL
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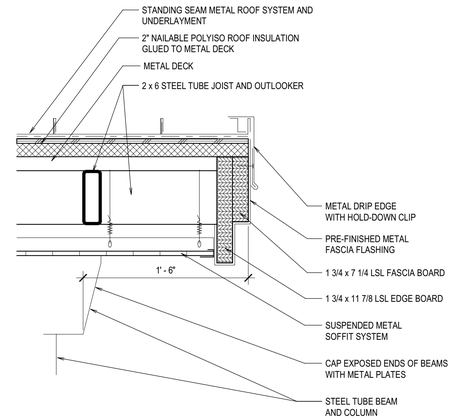

C A8.2 DETAIL
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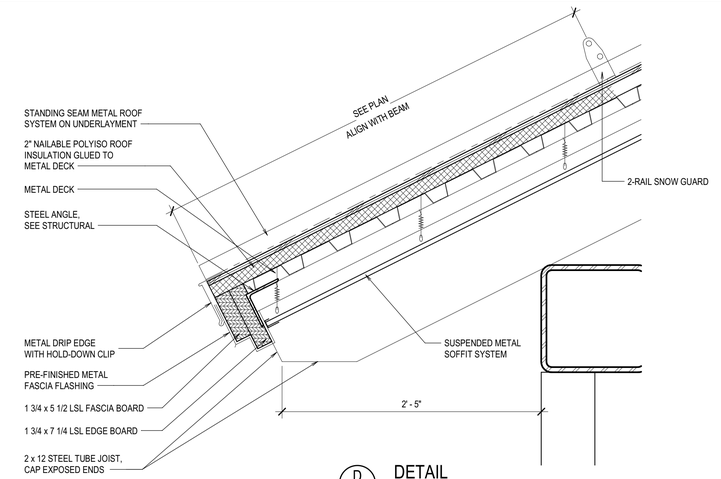


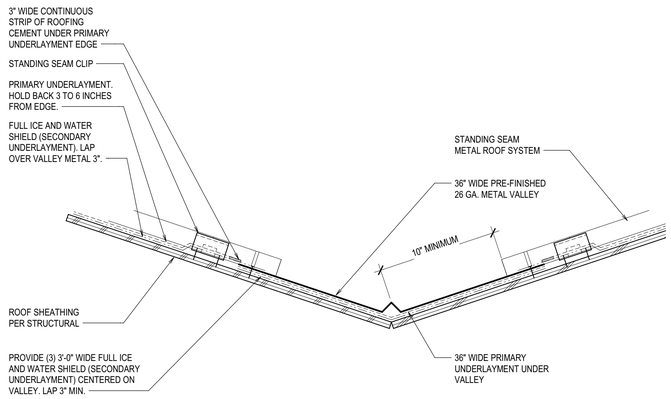
D A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"

E A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"

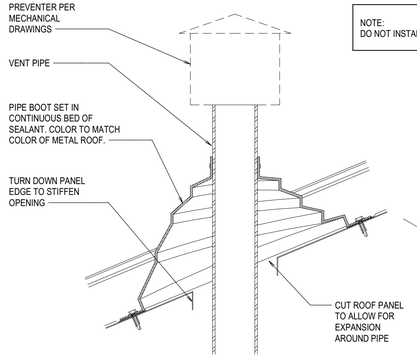
F A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"

G A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"

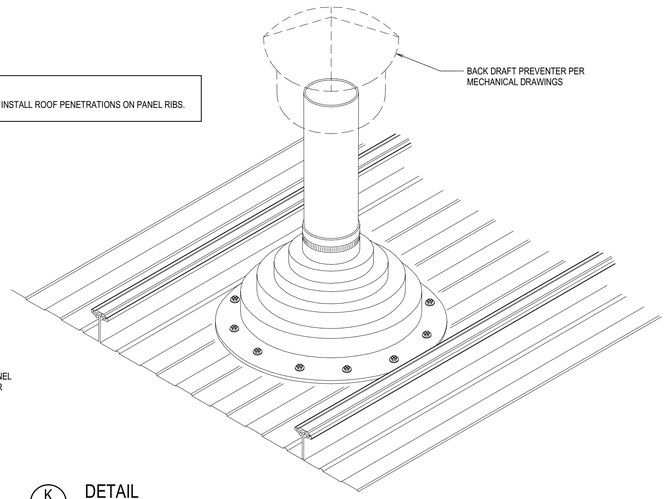
H A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"



J A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"



NOTE:
DO NOT INSTALL ROOF PENETRATIONS ON PANEL RIBS.



K A8.2 DETAIL
SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT
JOSHUA H. WHITT
06-03239
02/01/2023
STATE OF IDAHO

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ARCHITECTURE / PLANNING / INTERIORS
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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ROOF DETAILS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
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KP
CHECKED BY:
JHW

DRAWING NO.:

A8.2

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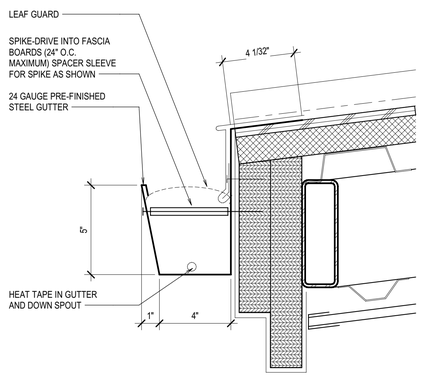
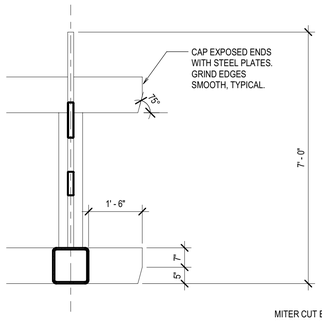
Approved
Structures Only
Building Safety
Permit #: 000000
Date: 6/01/2023
Plan Reviewer: DBS
Approved as noted on plans and/or attachments. Approval of construction documents does not authorize violation of any code or law. The applicant is responsible for all work shown on the approved plans and for compliance with all applicable codes and laws. Approved plans must be on site during construction work, inspections, and maintained per code.
This is not a building permit

NOTE: CAULK ALL JOINTS WITH CLEAR SILICON CAULKING

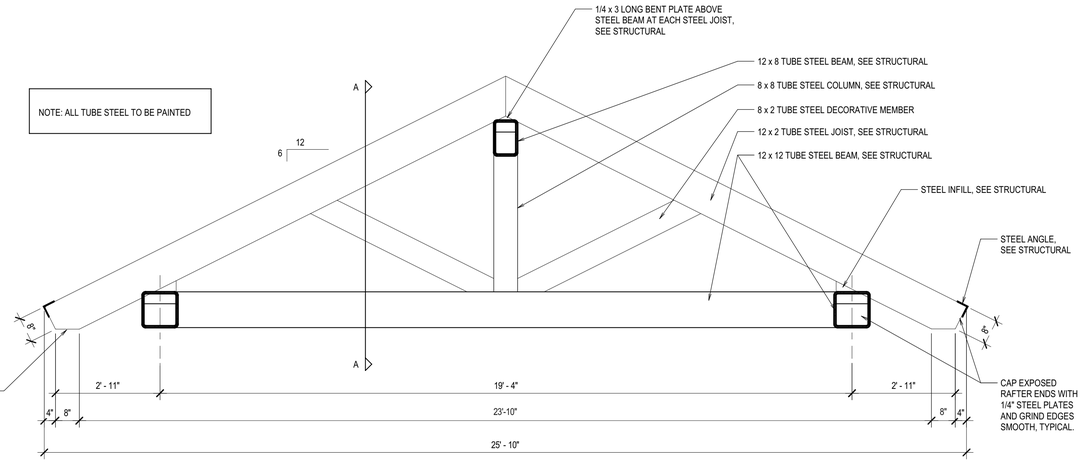


GUTTER



SECTION A-A

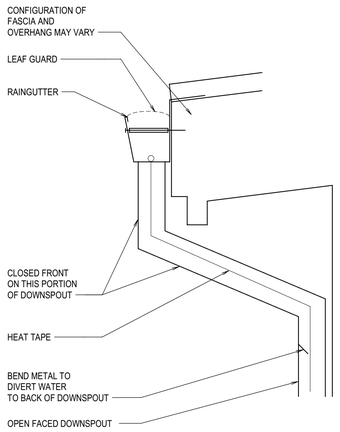
NOTE: ALL TUBE STEEL TO BE PAINTED



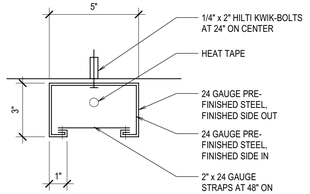
MITER CUT BOTTOM OF STEEL JOIST TO BOTTOM OF STEEL BEAM ELEVATION

B A8.3 DETAIL

SCALE: 1/2" = 1'-0"



DROPOUT



DOWNSPOUT

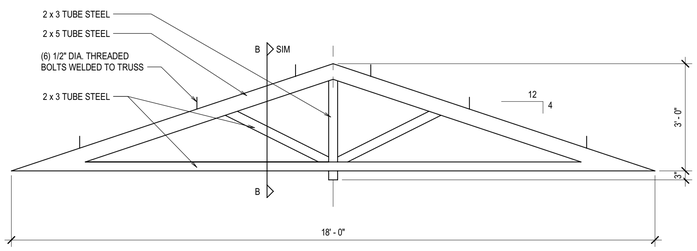
A A8.3 DETAIL

SCALE: 3" = 1'-0"

SECTION B-B

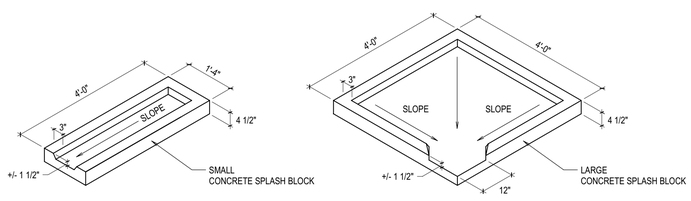
C A8.3 DETAIL

SCALE: 1/2" = 1'-0"



D A8.3 DETAIL

SCALE: 1/2" = 1'-0"



E A8.3 DETAIL

SCALE: 1/2" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
AR-98339
STATE OF IDAHO
6/01/2023

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ROOF DETAILS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

A8.3

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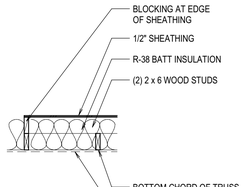
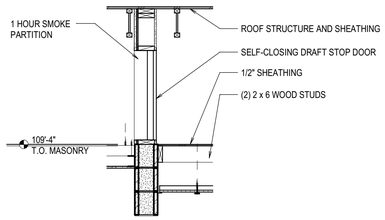
Approved
Shirley Idaho Building Safety
Permit Number
Date
By
Approved as noted on plan
Approved with corrections as noted on plan
Not approved
The approval of plans and specifications does not permit the violation of any section of the building code, city ordinance or any other law.
The building official or his authorized agent may require changes to the approved plans and specifications when deemed necessary for compliance with the building code.
This is not a building permit



A A8.4 DETAIL
SCALE: 1/2" = 1'-0"



B A8.4 DETAIL
SCALE: 1/2" = 1'-0"

ATTIC VENTILATION CALCULATION

AREA A - ATTIC SPACE ABOVE BEDROOMS:
NO VENTILATION REQUIRED

AREA B - ATTIC SPACE ABOVE SHOWERS:
NO VENTILATION REQUIRED

AREA C:
NO VENTILATION REQUIRED

AREA D - ATTIC SPACE ABOVE DAY ROOM:
1716 SQFT/300 = 5.72 SQFT/2 = 2.86 SQFT OF NET FREE VENTILATION AREA NEEDED AT EACH SOFFIT AND AT RIDGE VENT
SOFFIT AREA:
52' x 3' = 156 SQFT 6% = 9.36 SQFT (HALF VENTED SOFFIT) > 2.86 SQFT
52' x 3' = 156 SQFT 6% = 9.36 SQFT (HALF VENTED SOFFIT) > 2.86 SQFT
RIDGE VENT AREA:
52' x 0.125 (18 SQIN PER LINEAR FOOT) = 6.5 SQFT > 2.86 SQFT

AREA E - ATTIC SPACE ABOVE BEDROOMS:
NO VENTILATION REQUIRED

AREA F:
NO VENTILATION REQUIRED

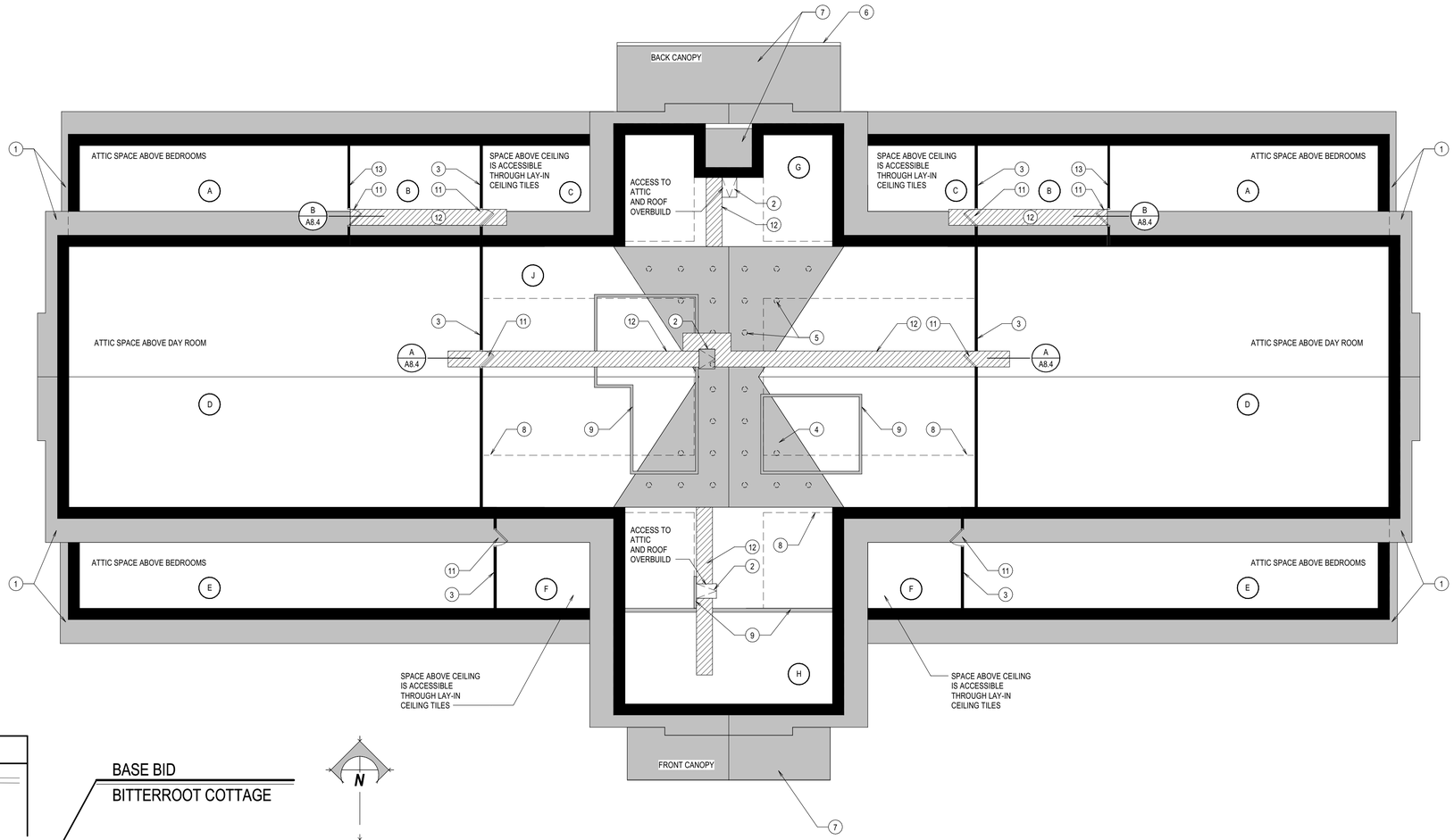
AREA G:
364 SQFT/300 = 1.21 SQFT/2 = 0.61 SQFT OF NET FREE VENTILATION AREA NEEDED AT EACH SOFFIT AND AT RIDGE VENT
SOFFIT AREA:
13' x 3' = 39 SQFT 6% = 2.34 SQFT (HALF VENTED) > 0.61 SQFT
13' x 3' = 39 SQFT 6% = 2.34 SQFT (HALF VENTED) > 0.61 SQFT
RIDGE VENT AREA:
7' x 0.125 (18 SQIN PER LINEAR FOOT) = 0.875 SQFT > 0.61 SQFT

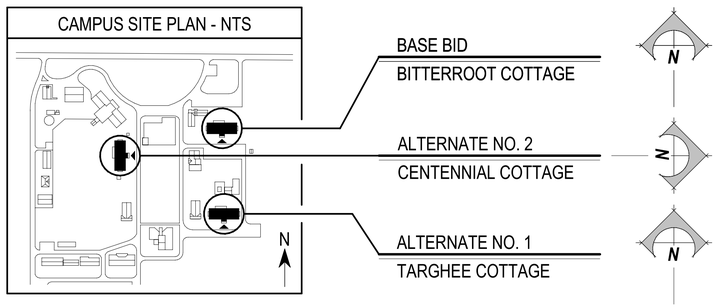
AREA H:
650 SQFT/300 = 2.17 SQFT/2 = 1.08 SQFT OF NET FREE VENTILATION AREA NEEDED AT EACH SOFFIT AND AT RIDGE VENT
SOFFIT AREA:
23' x 3' = 69 SQFT 6% = 4.14 SQFT (HALF VENTED SOFFIT) > 1.08 SQFT
23' x 3' = 69 SQFT 6% = 4.14 SQFT (HALF VENTED SOFFIT) > 1.08 SQFT
RIDGE VENT AREA:
23' x 0.125 (18 SQIN PER LINEAR FOOT) = 2.875 SQFT > 1.08 SQFT

AREA J:
2046 SQFT/300 = 6.82 SQFT/2 = 3.41 SQFT OF NET FREE VENTILATION AREA NEEDED AT EACH SOFFIT AND AT RIDGE VENT
SOFFIT AREA:
32' x 3' = 96 SQFT 6% = 5.76 SQFT (HALF VENTED SOFFIT) > 3.41 SQFT
32' x 3' = 96 SQFT 6% = 5.76 SQFT (HALF VENTED SOFFIT) > 3.41 SQFT
RIDGE VENT AREA:
62' x 0.125 (18 SQIN PER LINEAR FOOT) = 7.75 SQFT > 3.41 SQFT

KEYNOTES

1. PRE-FINISHED, PERFORATED METAL SOFFIT
2. 22" x 30" JOB BUILT ATTIC ACCESS HATCH AND LADDER
3. 1-HOUR RATED SMOKE BARRIER. EXTEND SMOKE BARRIER FROM TOP OF MASONRY WALL TO UNDERSIDE OF ROOF SHEATHING.
4. OVERBUILD
5. CUT 4" DIAMETER HOLES AT 48" ON CENTER IN ROOF SHEATHING OF OVERBUILD TO ALLOW FOR ATTIC VENTILATION.
6. PRE-FINISHED METAL RAIN GUTTER AND DOWNSPOUT SYSTEM
7. SUSPENDED METAL SOFFIT SYSTEM
8. OUTLINE OF MECHANICAL PLATFORM BELOW
9. WALLS EXTENDING TO ROOF STRUCTURE
10. 22" x 30" HIGH SECURITY ATTIC ACCESS HATCH
11. 30" x 30" SELF CLOSING DRAFT STOP DOOR
12. 24" WIDE ATTIC ACCESS WALKWAY. SEE DETAIL THIS SHEET.
13. SMOKE PARTITION





ATTIC PLAN
SCALE: 1/8" = 1'-0"

LICENSED ARCHITECT
JAMES H. WHITE
06-03339
02/01/2023
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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ATTIC PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
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KP
CHECKED BY:
JHW

DRAWING NO.:
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Approved
Structural Idaho
Digitally signed by Structural Idaho
Date: 2023.01.09 09:59:07 -07'00'
Reason: I am approving this document
Location: Boise, ID
Any changes or modifications to this approved document will void this approval. The approved PDF must be used for construction. Printed copies are uncontrolled.
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1a

STRUCTURAL DRAWING NOTES

ST. ANTHONY COTTAGE

I. GENERAL APPLICATION
A. These drawings must be used in conjunction with the architectural drawings to clearly define the requirements for construction.

B. Do not scale drawings.

C. In the opinion of the Contractor, any items that appear to be deficiencies, omissions, contradictions or ambiguities in the drawings, should be brought to the attention of the Architect and/or G&S Structural Engineers.

II. CODES AND SPECIFICATIONS
A. International Building Code (IBC) - 2018 Edition

III. DESIGN CRITERIA
A. Wind — 3 Second Gust Wind Speed = 120 MPH (Ultimate) / 93 MPH (Nominal)
Risk Category III
Exposure = C
Enclosure Classification-Enclosed
Components and Cladding Pressure = 15 psf

B. Seismic — Ss = 38.5%g; Sds = 0.383g; S1 = 14.90%g; Sd1 = 0.229g; Risk Category = III; Ie = 1.25; Site Class = D; Seismic Design Category = D; R = 5; V = Cs W = 0.096W
Special reinforced masonry sheer walls
Equivalent Lateral Force Analysis Method
Percentage of roof snow used for design = 20%

C. Live Loads per IBC Sec. 1607

	Uniform (psf)	Concentrated (lbs.)
1. Ground snow: Pg	50	-----
2. Roof		
a. Snow Load: Pf	40	-----
i. Ce = 1.0		
ii. Is = 1.10		
iii. Ct = 1.0		
b. Drifting snow: Pd&w	See Plans	
c. Rain Load: R	30.1	
i. Rain Intensity i = 3in/hr		
d. Live Load	20 (Non-concurrent with snow load)	
3. Slab on grade	100	
4. Interior wall lateral pressure	5	
5. Mezzanine	60	

D. Dead Loads

	Uniform (psf)
1. Framing system	20 (Roof)
	15 (Mezzanine)

E. Design Assumptions
1. Soil bearing pressure assumed to be 1500 psf for columns and wall footings as per IBC Table 1806.2 based upon a clay, sandy clay, silty clay, clayey silt, silt and sandy silt (CL, ML, MH and CH) type soil. Any variations encountered, different from the soil type assumed, shall be brought to the attention of G&S Structural Engineers before proceeding.

F. Allowable Stresses (unless otherwise noted)
1. Concrete (Reference ACI 318-14, section 19.3-Concrete Durability Requirements)
a. Footings (and interior foundation walls)
i. Per ACI Table 19.3.1.1 - F0,S0,W0,C1
ii. Minimum f'c @ 28 days — 3000 psi
iii. W/C ratio — 0.55 max
iv. Slump limit — 4 - 8 inches with verified max slump of 3" before admixtures, (± 1")
v. Air entrainmentv. — 3% (± 1%) Total air content
b. Exterior/perimeter foundation walls
i. Per ACI Table 19.3.1.1 - F2,S0,W0,C1
ii. Minimum f'c @ 28 days — 4500 psi
iii. W/C ratio — 0.45 max
iv. Slump limit — 4 - 8 inches with verified max slump of 4" before admixtures, (± 1")
v. Air entrainment — 6% (± 1%) Total air content
c. Interior slabs on grade not exposed to freeze thaw
i. Per ACI Table 19.3.1.1 - F0,S0,W0,C1
ii. Minimum f'c @ 28 days — 3000 psi
iii. W/C ratio — 0.55 max
iv. Slump limit — 4 - 8 inches with verified max slump of 3" before admixtures, (± 1")
v. Air entrainment — No air additive
vi. Coordinate concrete design with special slab finish requirements, see arch. drawings and/or specifications. Use the more restrictive requirements.
d. Exterior slabs on grade or interior slab exposed to freeze thaw
i. Per ACI Table 19.3.1.1 - F3,S1,W0,C2
ii. Minimum f'c @ 28 days — 5000 psi
iii. W/C ratio — 0.40 max
iv. Slump limit — 3 - 8 inches with verified max slump of 3" before admixtures, (± 1")
v. Air entrainment — 6% (± 1%) Total air content
vi. See architectural and Civil drawings and project specifications. use the more restrictive requirements.

2. Concrete masonry

a. Masonry Wall (f'm)	1500 psi
b. Masonry Units	1900 psi
c. Mortar (@ 28 days)	
i. Type M	2500 psi
ii. Type S	1800 psi
d. Grout (@ 28 days)	2000 psi

3. Reinforcing steel

a. Typical	ASTM A615 Grade 60
b. Weldable	ASTM A706 Grade 60

4. Structural steel

a. W-shapes	ASTM A992
b. Angles	ASTM A36
c. Miscellaneous plates & bars	ASTM A36
d. HSS shapes	ASTM A500 Grade B

5. Wood framing

a. Stud Walls	NO. 2 Douglas Fir
b. 2x joists	No. 2 Douglas Fir
c. Engineered "I" joists	Truss Joist or equivalent
d. Laminated Veneer Lumber (LVL)	2.0E
e. Laminated Strand Lumber (LSL)	1.3E Rim Joist
6. Deformed Bar Anchors (DBA)	ASTM A496

1

IV. SPECIAL INSPECTIONS
A. See sheet S1.4 for Special Inspection requirements.

V. GENERAL STRUCTURAL NOTES
A. All footings shall bear on undisturbed soil or rock. The foundation shall bear on the same soil type throughout the entire structure. A minimum distance of 3'-0" shall be maintained from finished grade to the bottom of all concrete footings.

B. Caution shall be taken not to undermine existing footings. See Allowable Trenching and Utility Placement Detail 1/S1.3.

C. Contractor shall verify all dimensions in the field: any variation from the drawings shall be brought to the attention of the Architect. Any proposed field changes shall have prior approval from the Architect.

D. Adequate shoring and bracing of all structural members during construction shall be provided.

E. Backfill under slabs and footings shall be with approved material. Unless noted otherwise in a Geotechnical Engineering Report place fill in 8" maximum loose lifts and compact to 95% maximum dry density in accordance with ASTM D1557.

VI. CONCRETE
A. Unless otherwise noted, all concrete is to be made with Portland Cement - ASTM C150 with a maximum aggregate size less than or equal to one inch.

B. Concrete shall be of ready-mix type conforming to ASTM C94.

C. When the average daily temperature is expected to drop below 40° F for 3 or more successive days, the concrete shall comply with the Cold Weather Concreting Standard (ACI 306). Place no concrete against frozen earth.

D. All vertical reinforcement in piers and walls shall be doweled from the footing or structure below with rebar of the same size and spacing as required above. All footing dowels shall have at least 40 diameters embedment into concrete above and shall have a 6" hook in footing below unless specified otherwise.

E. Provide corner bars at all intersecting corners. Use same bar size and spacing as horizontal wall reinforcement. Where horizontal reinforcing bars join concrete columns the reinforcing shall run continuous through columns. Where continuous horizontal reinforcement terminates, use a 90° return or separate corner bar.

F. Splices of reinforcement at points of maximum stress shall be avoided. All longitudinal reinforcement in beams and headers shall be continuous without splices between supports. Minimum overlap for lapped splices for reinforcing bars shall be as follows:
#4 - 24"; #5 - 30"; #6 - 36"; #7 - 53"

G. Reinforce all concrete walls as shown on the Concrete Wall Schedule.

H. All exterior vertical concrete surfaces below finished grade, where in contact with earth, shall be protected with an asphaltic coating.

I. No aluminum products shall be embedded in the concrete.

J. All construction joints shall be located so as not to impair the strength of the structure. Unless noted on the drawings, all reinforcement shall be continuous through the joints. Each construction joint shall be keyed.

K. Construction joints in large areas of slab on grade shall be placed in long strip construction fashion in widths as required. Control joints at 10 feet maximum shall be saw-cut longitudinal and transverse to the length.
See Concrete Slab on Grade Details S1.2.

VII. MASONRY
A. All concrete masonry units shown on the drawings shall conform to TMS 602/ACI 530/ ASCE6. Net area compressive strength of concrete masonry unit to be 1900 psi. Net area compressive strength masonry f'm = 1500 psi.

B. The mortar used shall conform to TMS 602/ACI 530/ ASCE6 with minimum compressive strength at 28 days of 2500 psi for Type M and 1800 psi for Type S mortar. Reference ASTM C270 for mix proportions.

C. Grout shall comply with Article 2.2 of TMS 602/ACI 530/ ASCE6. Grout shall be proportioned by volume and shall have sufficient water to produce a consistency for pouring without separation. Also, grout shall have a minimum compressive strength at 28 days of 2000 psi. Reference ASTM C476 for mix proportions.

D. When the average daily temperature is expected to drop below 40° F, the masonry shall comply with the Cold Weather Construction requirements of the Building Code Requirements for Masonry Structures (ACI 530). Use no masonry units having surface ice or snow.

E. All masonry units shall be placed in a running bond orientation. Cells shall be aligned to preserve unobstructed vertical cavities. All cells with reinforcement, anchor bolts, embed plates and areas to receive drilled in anchors shall be grouted full.

F. All vertical reinforcement in piers and walls shall be doweled from the footing or structure below with rebar of the same size and spacing as required above. All footing dowels shall have at least 40 diameters embedment into masonry above and shall have a 6" hook in footing below unless specified otherwise. Provide two reinforced and grouted vertical cells at all corners, ends and each side of control joints. (See Typical Masonry Details 2/S1.3).

G. High lift grouting is acceptable at the Contractor's option. The Contractor must coordinate with the special inspection agency and follow the extra requirements necessary for the inspection of the high lift grouting prior to constructing any areas that will be grouted as a high lift. All high lift grouting requirements must be followed. Do not allow grout to free fall more than 48".

H. All horizontal reinforcement shall be in a bond beam. Where horizontal reinforcing bars join concrete or masonry columns the reinforcing shall run continuous through columns. Where continuous horizontal reinforcement terminates, use a 90° return or separate corner bar.

I. Splices of reinforcement at points of maximum stress shall be avoided. All longitudinal reinforcement in beams and headers shall be continuous without splices between supports. Minimum overlap for lapped splices for reinforcing bars shall be as follows unless otherwise noted.

If centered in wall:	#4 - 15"	#5 - 23"	#6 - 43"	#7 - 60"
If offset 2" from face of wall:	#4 - 26"	#5 - 40"	#6 - 54"	#7 - 63"

J. Reinforce all masonry walls as shown on the Masonry Wall Schedule.

VIII. REINFORCING STEEL
A. Welding or tack welding of reinforcing bars to other bars, plates, angles, etc. is prohibited unless ASTM A706 (weldable) rebar is utilized.

B. All detailing, fabrication and placing of reinforcing bars shall conform to the ACI Manual of Standard Practice for Detailing Reinforcing Concrete Structures (ACI 315).

C. Reinforcement shall be accurately placed as indicated on the drawings and adequately supported to prevent displacement before concrete or masonry grout is placed.

D. The following minimum concrete cover for reinforcement shall be provided, unless otherwise noted.
Cast against and permanently exposed to earth.....3"
Exposed to earth or weather - #5 and smaller... 1-1/2"
#6 thru #18 bars..... 2"
Not exposed to earth or weather - slabs, walls... 3/4"

1

IX. ARCHITECTURAL VENEER ATTACHMENTS
A. All architectural veneer and wall coverings are to be attached to the supporting wall system. See the architectural specifications for veneer attachment requirements.

X. STRUCTURAL STEEL
A. All structural steel and structural steel work shall comply with the "Specification for Structural Steel Buildings" (AISC 360) and the "Seismic Provisions for Structural Steel Buildings" (AISC 341).

B. All steel shall be shop fabricated to the greatest extent possible per AISC. All steel members shall be given one shop coat of approved paint. Surfaces to be embedded in concrete shall not be painted.

C. All welding must conform to the AISC and the AWS Structural Welding Code-Steel. All welders shall have current certification by tests per American Welding Society (AWS) to perform the type of work required. All welds shall be made using a minimum 70 ksi electrode meeting Charpy V-Notch toughness of 20 ft-lbs @ 20° F as determined by AWS for electrodes.

D. All structural steel shall be temporarily braced until all of the structural frame is complete.

E. All steel column base plates bearing on concrete shall have non-shrink structural grout under the entire base plate. The grout shall be placed as soon as possible before the structural column is loaded.

F. All high strength bolts are to be tightened to the snug tight condition unless otherwise noted.

XI. STEEL ROOF DECKING
A. Steel deck shall be formed from sheets conforming to the requirements of the Steel Deck Institute.

B. Steel deck shall comply with the latest requirements of the Steel Deck Institute. Submit ICC report with vertical load and lateral shear capacities with shop drawings if supplied deck will be different than that specified.

C. Provide a 2" minimum bearing and a 4" lap at the splice points of all pieces of decking.

D. Steel deck shall be 3-span continuous minimum.

E. Steel deck shall be 1 1/2" deep x 20 gage, Verco HSB-36 deck.

F. Weld steel deck to the supporting framing members as follows:
1) Support fasteners (perpendicular and parallel): 5/8"Ø puddle welds @ 12" o.c. parallel, 36/4 pattern perpendicular.
2) Sidelap fasteners: Button Punch @ 12" o.c.

G. All puddle welds shall be made with a minimum 60 ksi electrode.

H. Substitutions in deck and/or attachments are allowed provided they meet or exceed those specified.

XII. PRE-ENGINEERED WOOD TRUSSES
A. See architectural drawings for roof slopes and/or truss configurations. Review structural drawings for intended truss placement and support locations.

B. Individual trusses and truss spacing to be designed by the Truss Manufacturer. The truss spacings shown on plan are maximum spacings. The Truss Manufacturer may combine and/or space trusses closer together as required by the individual truss design.

C. The pre-engineered roof truss members shall be designed to support the following loads in addition to the dead load of the member as applicable.
1. 40 psf roof snow load plus drifting as indicated on plans.
2. 20 psf roof live load (non-concurrent with snow load).
3. 12 psf dead load top chord.
4. 8 psf dead load bottom chord.5
5. Applicable wind and seismic loads.
6. A 10 psf bottom chord live load non-concurrent with any other live loads.
7. Applicable mechanical, electrical and sprinkler loads.
8. Concentrated loads with magnitude and locations as indicated in plan.

D. The shop drawings and design calculations shall be produced by, or under the supervision of a registered Professional Engineer. The shop drawing submittal to the Contractor shall include the following:
1. Truss placement plan.
2. Truss design drawing for each truss, stamped and signed by a registered Professional Engineer licensed in the state in which the project will be constructed.
3. Connection requirements for truss-to-truss girder, truss ply to ply and field splices shall be designed by the Truss Manufacturer and submitted with shop drawings. Contractor shall provide such connection requirements as specified in shop submittals.

E. Contractor shall provide all permanent bracing requirements for the structure, including the trusses as indicated in structural drawings and truss shop drawings. The lateral bracing shall be anchored to solid end walls or permanent diagonal bracing.

F. No truss shall be modified without the Truss Manufacturer's approval.

XIII. TIMBER
A. All wood and timber construction that is part of this project shall comply with the Timber Construction Manual of the AITC. Other members with equivalent size and strength can be substituted only if documentation is provided to substantiate capacity of new product. All wood framing members shall have a moisture content less than 19% unless otherwise noted.

B. Notching of any structural member other than that shown on the drawings is prohibited. See Detail 3/S1.3 for Allowable Penetration In Light Framed 2x Lumber.

C. There shall be at least two nails at each contact point, with 8d thru 1" material, 16d thru 2" material and 40-60d thru 3" material.

D. Wherever possible nails should be driven perpendicular to the grain instead of toe nailed.

1

E. All wood materials in direct contact with concrete or masonry or within 8" of soil shall be pressure treated wood or wood of natural resistance to decay.

F. Where wood tends to split, holes for nails shall be bored a diameter smaller than that of the nails.

G. Roof sheathing face grain must be perpendicular to its supports.

H. Roof diaphragm sheathing nails or other approved sheathing connections shall be driven so that their head or crown is flush with the surface of the sheathing.

I. All wood connection hardware shown on plans are based upon Simpson Strong Tie products. Equivalent hardware may be used upon approval of the Architect. All hangers are to match the width and depth of framing members with the correct slope and skew where applicable. Fill all nail holes unless otherwise noted. All Simpson connectors in exterior applications or in contact with pressure treated wood shall have a corrosion resistant coating. The coating type shall be determined by referencing the "General Corrosion Information" website at "www.strongtie.com/info"

J. See the Nailing Schedule for the typical wood to wood fastening requirements of the structural components.

K. For Alternate Staple Schedule for roof and wall sheathing see Sheet S1.1.

NAILING SCHEDULE

All nails in this schedule are based upon IBC Table 2304.10.1 and Truss Joist specifier's guide. See the IBC table or engineered "I" joist manufacture for additional options and requirements. All fasteners exposed to weather or moisture and/or fasteners less than 1/2"Ø driven into pressure treated lumber shall be stainless steel or galvanized. Other nails with proper revised spacing may be used with written approval of the engineer.

CONNECTION	FASTENING
"I" joist to bearing	2-8d box (0.113"x2.5") 1 nail @ each side driven at an angle at least 1.5" from end
"I" joist blocking & web stiffeners	See manufacturer's nailing requirement
Double "I" joists	See manufacturer's nailing requirement
1.25" LSL Rim joist	2-10d box (0.131"x3") 1 end nail into each flange & 10d box (0.131"x3") toenail @ 6" o.c. into the bearing plate below
2x Roof Joists or 2x trusses to top plate	4-10d box (0.128"x3") toenail or 3-16d box (0.135"x3.5") toenail
Blocking between 2x joists or 2x trusses	3-10d box (0.128"x3") toenail to joist or truss each end & 10d box (0.128"x3") toenail to plate below @ 6" o.c.
Double Top Plates	
Lower plate to top of stud	2-16d common (0.162"x3.5") end nails or 3-10d box (0.128"x3") end nails
Upper plate to lower plate-staggered	16d common (0.162"x3.5") @ 16" o.c. or 10d box (0.128"x3") @ 12" o.c.
Upper plate to lower plate @ intersection	2-16d common (0.162"x3.5") or 3-10d box (0.128"x3")
Upper plate to lower plate @ splice point	8-16d common (0.162"x3.5") or 12-10d box (0.128"x3") @ each side of splice (Minimum lap: 4'-0" with 2'-0" each side of splice)
Bottom plate to joist, rim or blocking	2-16d box (0.135"x3.5") @ each joist & 16d box (0.135"x3.5") @ 12" o.c. into rim joist
Studs to bottom plate	2-16d common (0.162"x3.5") end nails or 3-10d box (0.128"x3") end nails or 4-10d box (0.128"x3") toenails
Blocking between studs	2-10d box (0.128"x3") toenail or end nails @ each end
Continuous beveled plates	16d box (0.135"x3.5") @ 12" o.c.
Double 2x joists	2 rows of 16d box (0.135"x3.5") @ 12" o.c.
7/16" APA Rated 24/16 Wall Sheathing Block all panel joints.	Edge nailing - 8d common (0.131"x2 1/2") @ 6" o.c. Intermediate nailing - 8d common (0.131"x2 1/2") @ 12" o.c.

ALTERNATE STAPLE SCHEDULE FOR APA RATED SHEATHING

0.131"ax2 1/2" NAIL SPACING AS SPECIFIED IN THE WOOD WALL OR DIAPHRAGM SCHEDULES	14 GAUGE	15 GAUGE	16 GAUGE
@ 12" O.C.	@ 8" O.C.	@ 8" O.C.	@ 6" O.C.
@ 6" O.C.	@ 4" O.C.	@ 4" O.C.	@ 3" O.C.
@ 4" O.C.	@ 3" O.C.	@ 2" O.C.	@ 2" O.C.
@ 3" O.C.	@ 3" O.C.	@ 2" O.C.	NONE
@ 2" O.C.	NONE	NONE	NONE

NOTE:
1. ALL STAPLES TO HAVE 7/16" MIN. CROWN WIDTH AND MUST BE INSTALLED WITH THEIR CROWNS PARALLEL TO THE LONG DIMENSION OF THE FRAMING MEMBERS.
2. MINIMUM PENETRATION FOR ALL STAPLE GAUGES IS 1 1/2".
3. FASTENER SPACING @ 2" O.C. OR LESS REQUIRES NOMINAL 3x MEMBER.

LEGEND

MARK ON SHEET	DESCRIPTION	SCHEDULE ON SHEET	DETAIL
CF	CONCRETE FOOTING	S2.1	-
CCJ	CONTROL OR CONST. JT.	-	S1.2
CP	CONCRETE PIER	S1.2	-
CS	CONCRETE SLAB	S1.2	-
CW	CONCRETE WALL	S1.2	-
MCJ	MASONRY CONTROL JT.	-	2/S1.3
MC	MASONRY COLUMNS	S1.2	-
MH	MASONRY HEADER	S1.2	-
MW	MASONRY WALL	S1.2	-
SB	STEEL BEAM	S1.2	-
SC	STEEL COLUMN	S1.2	-
SD	STEEL DECK	S1.2	-
SJ	STEEL JOIST	S1.2	-
WB	WOOD BEAM	S1.2	-
WD	WOOD DIAPHRAGM	S1.1	-
WJ	WOOD JOIST	S1.2	-

PROFESSIONAL ENGINEER REGISTERED 8816 5-17-2023 STATE OF IDAHO MARK D. ANDRUS

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PROJECT NUMBER:21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: STRUCTURAL NOTES

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
GH
CHECKED BY:
MA

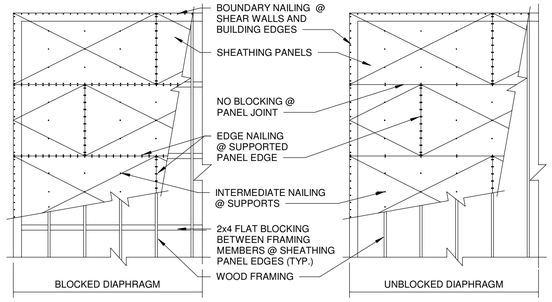
DRAWING NO.:
S1.1

5/17/2023 4:06:57 PM C:\Users\Eric\Documents_Revit Local Files\2021121193 JCC COTTAGES_Eric_GS.rvt

Approved
Structural Idaho Only
Date: 6/1/23
By: dsteffy
Permit Set
Approved as noted
Approved as noted - Make corrections noted and resubmit
Rejected
Not reviewed for code compliance
Review is only for general conformance with design concept and general compliance with information given in the construction documents.
The contractor is responsible for the means, methods, techniques, sequences and procedures of construction, safety precautions and programs in connection with the work.
This is not a building permit

WOOD DIAPHRAGM SCHEDULE

MARK	SPAN RATING	SHEATHING	PANEL JOINT BLOCKING	NAILING (0.131"ø x 2 1/2" MIN. U.O.N.)
WD1	40/20	19/32" C-D APA RATED SHEATHING	NONE	BOUNDARY @ 6" O.C. SUPPORTED EDGES @ 6" O.C. INTERMEDIATE @ 12" O.C.
WD2	48/24	23/32" C-D APA RATED SHEATHING	NONE REQ'D. W/ T&G PLYWOOD	BOUNDARY @ 6" O.C. SUPPORTED EDGES @ 6" O.C. INTERMEDIATE @ 12" O.C.



TYPICAL HORIZONTAL DIAPHRAGM NAILING

BEAM SCHEDULE

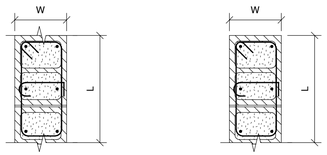
MARK	BEAM SIZE	MATERIAL	REMARKS
SB1	HSS6x6x3/16	ASTM A500 GRADE B	
SB2	HSS12x12x1/4	ASTM A500 GRADE B	
SB3	HSS12x8x3/16	ASTM A500 GRADE B	
SB4	W10x45	ASTM A992	
SB5	W21x48	ASTM A992	
WB6	1 3/4x7 1/4	2.0E LVL	
WB7	2- 1 3/4x7 1/4	2.0E LVL	ATTACH W/ 2 ROWS OF 16d NAILS @ 12" O.C. DRIVEN FROM ONE SIDE
WB8	3- 1 3/4x7 1/4	2.0E LVL	ATTACH W/ 2 ROWS OF 16d NAILS @ 12" O.C. DRIVEN FROM BOTH SIDES
WB9	1 3/4x9 1/2	2.0E LVL	
WB10	2- 1 3/4x9 1/2	2.0E LVL	ATTACH W/ 2 ROWS OF 16d NAILS @ 12" O.C. DRIVEN FROM ONE SIDE
WB11			NOT USED
WB12	2x8	NO. 2 DOUG FIR	

JOIST SCHEDULE

MARK	JOIST SIZE	MATERIAL	SPACING	REMARKS
SJ1	HSS12x2x3/16	ASTM 500 GRADE B	24" O.C.	
WJ2	2x8	NO. 2 DOUG. FIR	24" O.C.	
WJ3	9 1/2	TJI 210	16" O.C.	
WJ4	9 1/2	TJI 110	16" O.C.	

MASONRY COLUMN SCHEDULE

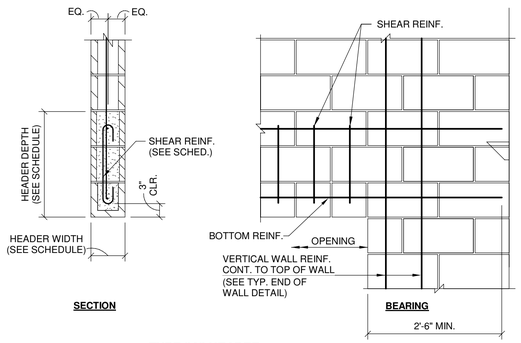
MARK	SIZE (W x L)	TYPE	REINFORCEMENT		REMARKS
			VERTICAL	TIES	
MC1	8"x24"	A&B	6- #5	#3 @ 8"	
MC2	8"x16"	B	4- #6	#3 @ 8"	



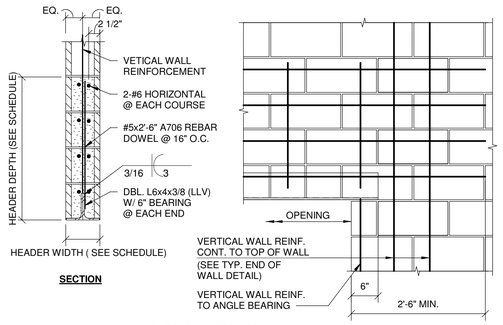
MASONRY HEADER SCHEDULE

MARK	HEADER DEPTH	HEADER WIDTH	HEADER TYPE	HEADER REINFORCEMENT			REMARKS
				TOP	BOTTOM	SHEAR	
MH1	16"	8"	A	1- #5	1- #5	NOT REQ'D.	
MH2	24"	8"	A	2- #5	2- #5	NOT REQ'D.	
MH3	32"	8"	B	AS NOTED IN SECTION			SEE FOOTNOTE #7,#8 & SECTIONS 11/S3.2 & 16/S3.2
MH4	24"	6"	A	1- #5	1- #5	NOT REQ'D.	
MH5	32"	8"	C	AS NOTED IN SECTION			SEE SECTION 17/S3.2
MH6	32"	8"	A	2- #5	2- #5	NOT REQ'D.	

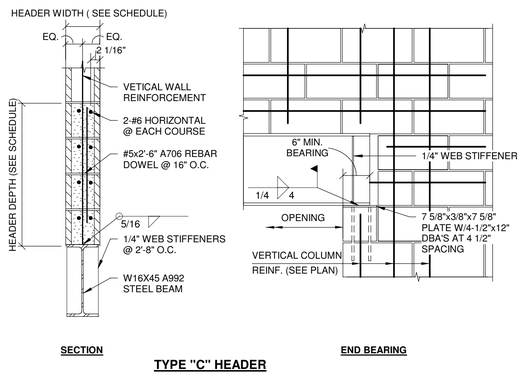
NOTES:
1. NO SPLICES OF HORIZONTAL REINFORCEMENT PERMITTED WITHIN BEAM SPAN.
2. HEADER REINFORCEMENT SHALL EXTEND 2'-6" MINIMUM PAST OPENING.
3. SHEAR REINFORCEMENT SHALL BE A SINGLE BAR WITH A 180 DEGREE HOOK AT EACH END.
4. SHEAR REINFORCEMENT SHALL BE HOOKED AROUND THE LONGITUDINAL REINFORCEMENT.
5. GROUT EACH MASONRY HEADER MONOLITHICALLY. HORIZONTAL WALL REINFORCING SHALL RUN CONTINUOUS THROUGH MASONRY HEADERS. WHERE BOTH HORIZONTAL WALL REINFORCING AND HEADER REINFORCING WOULD OCCUR IN THE SAME COURSE, THE LARGER BARS ARE TO REPLACE THE SMALLER BARS.
7. PROVIDE 6" BEARING FOR ANGLE AT EACH END OF OPENING WITH 2-1/2"ø x12" DBA'S SHORE HEADER UNTIL CMU WALL HAS FULLY CURED.
8. WELD ANGLES TOGETHER W/ 1/4" GROVE WELD TOP AND BOTTOM. GRIND BOTTOM SMOOTH. TRIM HORIZONTAL LEGS TO A TOTAL WIDTH OF 7 5/8".



TYPE "A" HEADER



TYPE "B" HEADER



TYPE "C" HEADER

TYPICAL MASONRY HEADER DETAILS

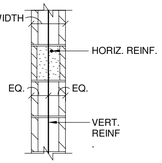
MASONRY WALL SCHEDULE

ON PLAN DENOTES TOP OF WALL (U.O.N.)

MARK	WIDTH	TYPE	REINFORCEMENT			REMARKS
			HORIZONTAL	VERTICAL	BOUNDARY(2)	
MW1	6"	A	#4 @ 48" O.C.	#4 @ 48" O.C.	1- #4	
MW2	6"	A	#4 @ 32" O.C.	#4 @ 32" O.C.	2- #4	
MW3	8"	A	#5 @ 48" O.C.	#5 @ 32" O.C.	2- #5	
MW4	8"	A	#5 @ 48" O.C.	#5 @ 16" O.C.	4- #5	GROUT WALL FULL TO MINIMUM 9'-4" HEIGHT
MW5	8"	A	#5 @ 24" O.C.	#5 @ 24" O.C.	2- #5	
MW6	8"	A	#5 @ 16" O.C.	#5 @ 16" O.C.	2- #5	
MW7	8"	A	#4 @ 8" O.C.	#5 @ 8" O.C.	2- #5	
MW8	6"	A	#4 @ 32" O.C.	#4 @ 24" O.C.	2- #4	GROUT WALL FULL -FULL HEIGHT

NOTES:
1. SEE DETAILS AND STRUCTURAL NOTES FOR ADDITIONAL MASONRY REQUIREMENTS.
2. BOUNDARY REINFORCEMENT IS THE NUMBER AND SIZE OF VERTICAL REINFORCEMENT AT THE END OF EACH WALL SEGMENT. ONE VERTICAL REBAR IN EACH VERTICAL CELL FOR THE NUMBER SPECIFIED. END OF WALL OCCURS AT WINDOW AND DOOR OPENINGS, CORNERS AND "T" INTERSECTIONS. SEE SECTION 2/S1.3.

PLACEMENT TYPE

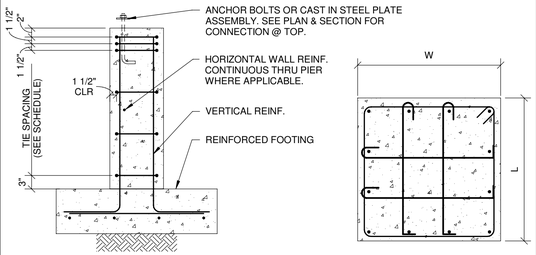


TYPE A

CONCRETE PIER SCHEDULE

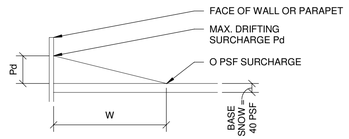
ON PLAN DENOTES TOP OF PIER (U.O.N.)

MARK	SIZE (W x L)	MATERIAL	TYPE	REINFORCEMENT		REMARKS
				VERTICAL	TIES	
CP1	32"X32"	CONCRETE	A	12- #6	#3 @ 12"	



SNOW DRIFTING LOAD SCHEDULE

DRIFT TYPE	Pd (psf)	W	REMARKS
A	75	15'-0"	
B	75	-	UNIFORM LOAD - NON TAPERING



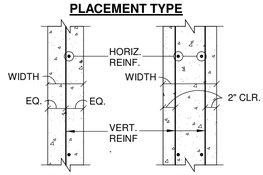
SNOW DRIFTING LOAD DIAGRAM

CONCRETE WALL SCHEDULE

ON PLAN DENOTES TOP OF WALL (U.O.N.)

MARK	WIDTH	TYPE	REINFORCEMENT		REMARKS
			HORIZONTAL	VERTICAL	
CW1	8"	A	#4 @ 12" O.C.	#4 @ 18" O.C.	
CW2	15"	B	#4 @ 12" O.C. EACH FACE	#4 @ 18" O.C. EACH FACE	
CW3	6"	A	#4 @ 16" O.C.	#4 @ 18" O.C.	

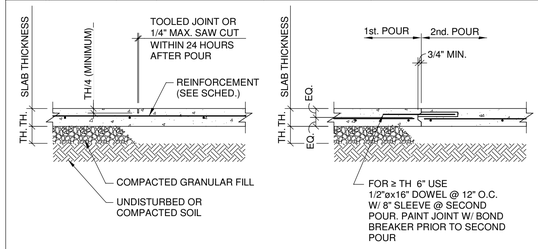
PLACEMENT TYPE



CONCRETE SLAB SCHEDULE

ON PLAN DENOTES TOP OF SLAB (U.O.N.)

MARK	SLAB THICKNESS (TH)	TH/4	REINFORCEMENT		REMARKS
			LONGITUDINAL	TRANSVERSE	
CS1	4"	1"	#4 @ 24" O.C.	#4 @ 24" O.C.	
CS2	8"	N/A	#4 @ 24" O.C. TOP & BOTTOM	#4 @ 24" O.C. TOP & BOTTOM	



CONCRETE SLAB ON GRADE DETAILS

STEEL DECK SCHEDULE

MARK	DECK SIZE	FASTENING REQUIREMENTS	REMARKS
SD1	1 1/2" HSB-36 VERCO DECK 20 GAGE	PERPENDICULAR TO SUPPORT: 5/8"Ø PUDDLE WELD @ 36/4 PATTERN PARALLEL TO SUPPORT: 5/8"Ø PUDDLE WELD @ 12" O.C. SIDE LAP CONNECTION: BUTTON PUNCH @ 12"O.C.	OR EQUIVALENT DECK AND FASTENING

VERCO STEEL DECK DESIGN PROPERTIES PER FOOT OF WIDTH

	DECK TYPE	I in⁴ SINGLE SPAN	I in³ MULTI SPAN	+S in³	-S in³	
	1 1/2" HSB-36 VERCO DECK 20 GAGE	0.219	0.231	0.230	0.237	

COLUMN SCHEDULE

MARK	COLUMN SIZE	MATERIAL	REMARKS
SC1	4- HSS6x6x3/16	ASTM A500 GRADE B	
SC2	HSS8x8x3/16	ASTM A500 GRADE B	
SC3	HSS6x4x1/4	ASTM A500 GRADE B	

PROFESSIONAL ENGINEER REGISTERED 8816 3-24-2023 STATE OF IDAHO MARK D. ANDRUS

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PROJECT NUMBER: 21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445
PROJECT:
STRUCTURAL SCHEDULES
SHEET TITLE:

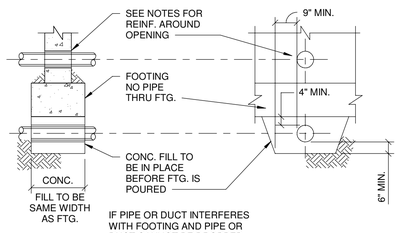
REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

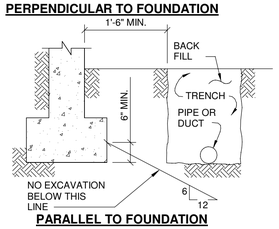
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
GH
CHECKED BY:
MA
DRAWING NO.:
S1.2

This is not a building permit
3/24/2023 9:26:18 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

Approved
Shelby Idaho Building Safety
Date: 6/01/2023
Permit #: 0000
This approval is for the construction documents only. The approval is valid for the model home(s) and future spec home(s) that are identical to the model home(s). The approval is not to be used for any other buildings. Any changes to the approved construction documents must be submitted to the building department for review and approval prior to construction. This is not a building permit



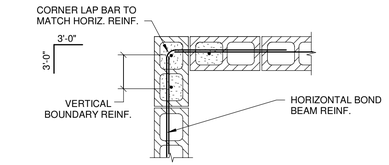
PERPENDICULAR TO FOUNDATION



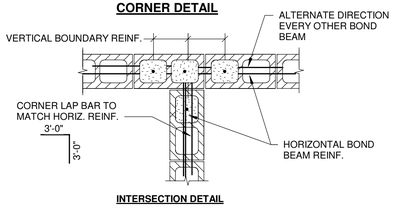
PARALLEL TO FOUNDATION

ALLOWABLE TRENCHING & UTILITY PLACEMENT DETAIL

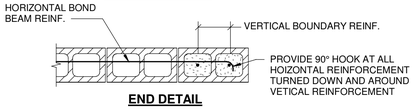
1 S1.3



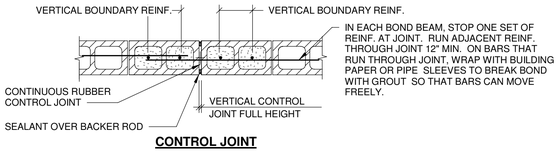
CORNER DETAIL



INTERSECTION DETAIL



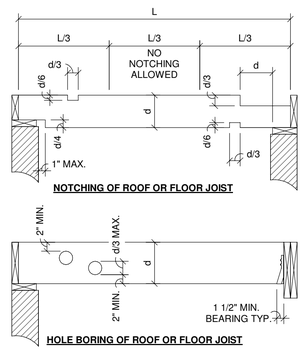
END DETAIL



CONTROL JOINT

TYPICAL MASONRY DETAIL

2 S1.3



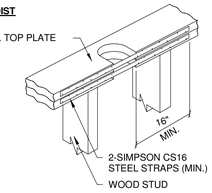
NOTCHING OF ROOF OR FLOOR JOIST

HOLE BORING OF ROOF OR FLOOR JOIST

NOTCHING & HOLE BORING OF EXT. OR BEARING WALL STUDS

SIZE SCHEDULE			
MEMBER	d/3	d/4	d/6
2x4	1 1/8	7/8	5/8
2x6	1 3/4	1 3/8	7/8
2x8	2 3/8	1 3/4	1 1/8
2x10	3	2 1/4	1 1/2
2x12	3 5/8	2 3/4	1 7/8

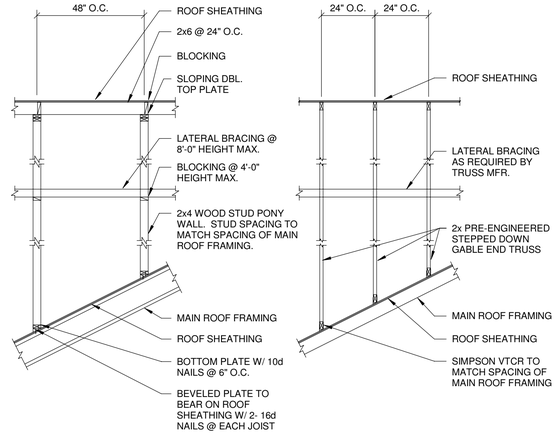
HOLES & NOTCHES IN BEAMS ARE NOT ALLOWED UNLESS OTHERWISE APPROVED IN WRITING BY ENGINEER



NOTCHING OF DOUBLE TOP PLATE

ALLOWABLE PENETRATION IN LIGHT FRAMED 2x LUMBER

3 S1.3



OVERBUILD CONSTRUCTION

ALTERNATE OVERBUILD CONSTRUCTION

TYPICAL OVERBUILD DETAIL

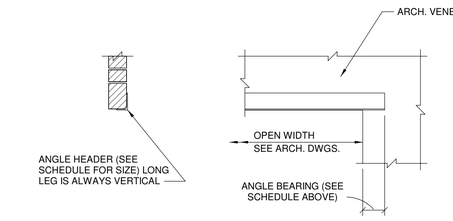
3/4" = 1'-0"

4 S1.3

NON-LOAD BEARING ARCHITECTURAL VENEER HEADER SCHEDULE

SPAN	ANGLE SIZE	MINIMUM BEARING
LESS THAN 4'-0"	L4x4x1/4	5"
4'-0" TO 6'-0"	L4x4x1/4	5"
6'-0" TO 8'-0"	L6x4x5/16	6"
8'-0" TO 10'-0"	L6x4x3/8	6"
10'-0" TO 12'-0"	L7x4x3/8	8"

NOTE:
1. PROVIDE SHORING UNDER HEADERS DURING THE CONSTRUCTION PROCESS UNTIL MORTAR IS FULLY CURED.



PROFESSIONAL ENGINEER
REGISTERED
8816
3-24-2023
STATE OF IDAHO
MARK D. ANDRUS

G&S STRUCTURAL ENGINEERS
505 LINDSAY BOULEVARD
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PROJECT NUMBER: 21193
DRAFTER: GH DESIGNER: MA CHECKER: FLW

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: STRUCTURAL TYPICAL DETAILS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: GH
CHECKED BY: MA

DRAWING NO.: S1.3

3/24/2023 9:26:19 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

Approved
Structural Idaho
Digitally signed by Structural Idaho
Date: 2023.06.01 09:00:00 -06'00'
Reason: I am approving this document
Location: Boise, ID
Idaho Code 54-1215 requires that the professional engineer who approves the plans must sign and stamp the documents. The approval is valid for one year from the date of approval unless otherwise specified. The approval is not to be construed as an approval of any violation of any provisions of building codes, standards, ordinances or regulations.
This is not a building permit

STATEMENT OF SPECIAL INSPECTION AND QUALITY CONTROL

The owner of the owner's agent shall employ independent special inspector(s) to perform the special inspection described here in and in the 2018 IBC chapter 17 "SPECIAL INSPECTIONS AND TESTS".

RESPONSIBILITIES OF THE SPECIAL INSPECTOR	
	Each Special inspector shall submit qualification showing competency to the Building Official for approval prior to specified duties.
	The special inspector shall observe the work assigned to be certain it conforms to the approved contract drawings.
	The special inspector shall furnish inspection reports to the Buidling Official and to the architect and engineer of record. All discrepancies shall be brought to the immediate attention of the contractor for correction.
RESPONSIBILITIES OF THE SPECIAL CONTRACTOR	
	The contractor shall submit a written statement of responsibility to the owner and the building official prior to the commencement of the work in accordance with 2018 IBC section 1704.4.
	The contractor shall notify the designated special inspector that work is ready for inspection.
	The contractor shall notify the engineer of record at the milestone intecals decribed in the "Structural Observation Program".
	The contractor shall keep all construction or work requiring special inspection or testing accessible and exposed for the inspection and testing purposes until completion of the required inspections or tests.
	Where fabrication of structural members is being conducted on the premises of a fabricator's shop, special inspections of the fabricated items shall be performed during the fabrication, except where the fabricator has been approved to perform work withour special inspections in accordance with IBC section 1704.2.5.1.

STRUCTURAL OBSERVATION PROGRAM

The structural observations, if required per IBC section 1704.6, will be performed by the engineer of record or an approved subordinate at the milestone stages of consturction listed below. At the conclusion of the project the designated structural observer shall submit to the building official a written statement that the site visits have been made and identify any reported deficiencies that, to the best of the structural observer's knowledge, have not been resolved.

Structural Observations Program required by IBC code section 1704.6:	YES	NO
	X	

STRUCTURAL OBSERVATION CONSTRUCTION MILESTONES	
Concrete	
	After and/or during the construction of the foundation system
Steel	
	After substantial portion of the floor and/or roof framing is erected
Masonry	
	At various time during the construction of the masonry walls

COLD-FORMED STEEL DECK CONSTRUCTION INSPECTIONS

Inspection of cold-formed steel deck per 2018 IBC section 1705.2.2

INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
Material verification of steel deck		X	Verify steel deck type and gage per the approved contract drawings
Placement and installation of steel deck		X	Verify steel deck type and gage per the approved contract drawings and shop drawings
Steel deck fastening (prior to concrete topping)		X	Verify size and spacing of welds/fasteners to the supporting structure and the type and spacing of the side-seam attachments

SOILS CONSTRUCTION INSPECTIONS

Inspection of soils per 2018 IBC section 17055.6

INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
Verify conditions match the approved geotechnical report (if one is available)		X	Follow all recommendations contained in the geotechnical report
Verify material below footings are adequate to achieve the design bearing capacity		X	
Verify excavations are extended to proper depth and have reached proper material		X	
Perform classification and testing of compacted fill materials		X	
Verify use of proper material, densities and lift thickness during placement and compaction of compacted fill		X	
Prior to placement of compacted fill, inspect subgrade and verify that the site has been prepared properly		X	

STEEL WELDED CONSTRUCTION INSPECTIONS

Per 2018 IBC section 1705.2, 1705.12.1, 1705.13.1 and AISC 360-16 Chapter N.

INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
INSPECTION TASKS PRIOR TO WELDING			
Welder Qualifications		X	
Manufacture certifications for welding consumables available		X	
Material identification (type/grade)		X	
Fit up Grove and CJP grove welds		X	Includes joint geometry, preparation, dimensions, cleanliness, tracking and backing type
Configuration and finish of access holes		X	
Fit-up of fillet welds		X	Includes alignment, gaps at root, dimensions, cleanliness and tracking
Checking welding equipment		X	
INSPECTION TASKS DURING WELDING			
Using qualified welders		X	
Control and handling of welding consumables		X	Packaging and exposure control
No welding over cracked tack welds		X	
Environmental conditions		X	Wind speed within limits, precipitation and temperature
WPS followed		X	Settings on welding equipment, travel speed, selected welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained (min./max>), preper position (F, V, H, OH)
Welding techniques		X	Interpass and final cleaning, each pass within profile limitations and meets quality requirements
Placement and installation of steel headed stud anchors		X	
INSPECTION TASKS AFTER WELDING			
Welds cleaned		X	
Size, length and location criteria	X		Packaging and exposure control
Welds meet visual acceptance criteria	X		Includes crack prohibition, weld/base-metal fusion, crater cross section, weld profiles, weld size, undercut, porosity
Arc strikes, k-area, weld access holes, backing plates and weld tabs removed, repair activities	X		When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3" of weld.

CONCRETE CONSTRUCTION INSPECTIONS

Per 2018 IBC section 1705.3 and Table 1705.3

INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
Inspect reinforcement		X	Includes prestressing tendons and verification of placement
Reinforcing bar welding		X	Verify weldability of reinforcing bars (ASTM A706 only), inspect welds
Inspect anchors cast in concrete		X	
Inspect post installed concrete anchors	X		Adhesive anchors: inspect either continuous or periodic per the requirements of the ICC-ES reports
		X	Mechanical anchors: inspect periodic per the ICC-ES report
Verify use of approved design mix		X	
Prior to concrete placement, fabricate specimens for strength test, perform slump, air content and temperature tests	X		
Inspect concrete and shotcrete placement for proper application techniques	X		
Verify maintanance of specified curing temperature and techniques		X	
Inspect formwork for shape, location and dimensions of the concrete member being formed		X	

STRUCTURAL MASONRY CONSTRUCTION INSPECTIONS

Per 2018 IBC section 1705.4 and TMS 602-16.

INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
VERIFICATION REQUIREMENTS			
Verification of compliance of submittals		X	Prior to construction
Verification of f'm and f'AAC		X	Prior to construction
Verification of slump flow and Visual Stability Index (VSI) when self-consolidating grout is delivered to the project site		X	During construction
Verification of f'm and f'AAC for every 5000 sq. ft.		X	During construction
Verification of proportions of materials as delivered to the project sire for premixed mortar, prestressing grout and grout other than self-consolidating grout		X	During construction
INSPECTION TASKS REQUIRED			
Verify the following are in complience:			
a. Proportions of site prepared mortar		X	
b. Grade, type & size of reinforcement, connectors, anchor bolts		X	
c. Sample panel construction		X	
Prior to grouting verify the following are in compliance:			
a. Grout space	X		
b. Placement of reinforcement, connectors and anchor bolts	X		
c. Proportions of site-prepared grout		X	
Verify compliance of the following during construction:			
a. Material and procedures with the approved submittals		X	
b. Placement of masonry units and mortar joint construction		X	
c. Size and location of structural members		X	
d. Type, size and location of anchors	X		Including other details of anchorage to masonry to structural members, frames or other construction
e. Welding of reinforcement	X		
f. Preparation, construction and protection of masonry during cold or hot weather	X		Cold weather = below 40°F Hot weather = above 90°F
Preparation of grout & mortar specimens and/or prisms			

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PROJECT NUMBER:21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
STRUCTURAL SPECIAL INSPECTIONS

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: GH
CHECKED BY: MA

DRAWING NO.:
1
S1.4

5/17/2023 4:07:02 PM C:\Users\Eric\Documents_Revit Local Files\2021\21193_JCC COTTAGES_Eric_GS.rvt

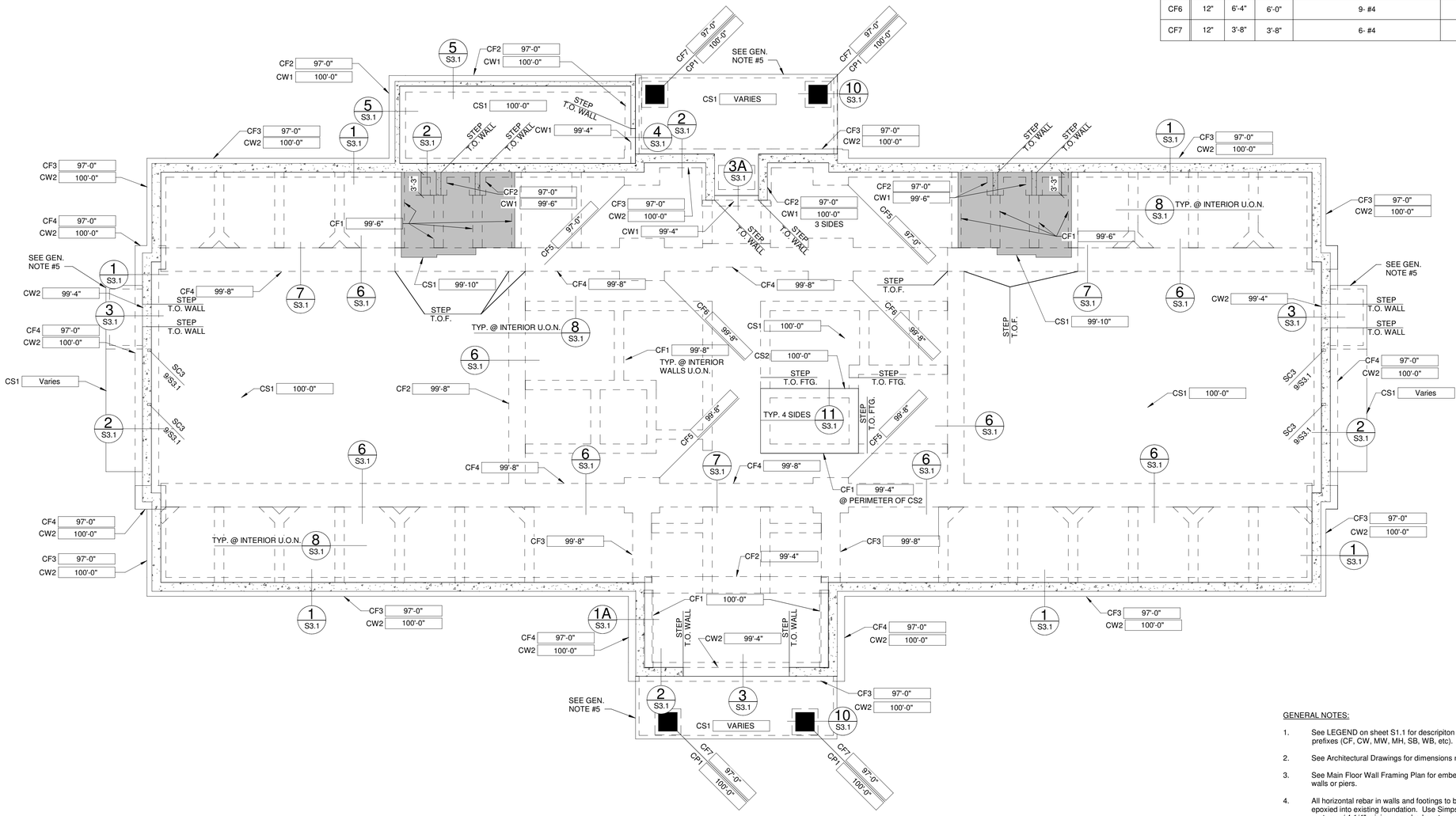
Approved
Structural Idaho
Date: 6/1/2023
Permit #: 23-0000
Plan Review Comments:
Thank you for submitting your plans for review. Please review the comments noted below and revise accordingly.
The approval of plans does not permit the violation of any section of the building code or other ordinance of this jurisdiction.
Field inspection required before concrete pours, backfilling, equipment covers, sheetrock, etc.
This is not a building permit

1a

CONCRETE FOOTING SCHEDULE

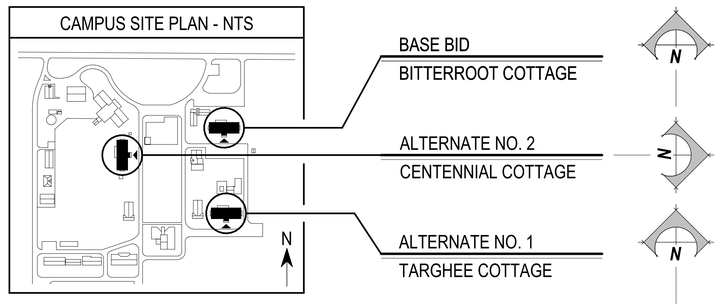
( ) ON PLAN DENOTES TOP OF FOOTING (U.O.N.)

MARK	DEPTH	WIDTH	LENGTH	REINFORCEMENT	
				LONGITUDINAL	TRANSVERSE
CF1	10"	1'-4"	CONT.	2- #4	-
CF2	12"	2'-4"	CONT.	4- #4	-
CF3	12"	2'-8"	CONT.	4- #4	#4 @ 12" O.C.
CF4	12"	3'-4"	CONT.	5- #4	#4 @ 8" O.C.
CF5	12"	5'-0"	5'-0"	8- #4	8- #4
CF6	12"	6'-4"	6'-0"	9- #4	9- #4
CF7	12"	3'-8"	3'-8"	6- #4	6- #4



FOUNDATION PLAN

1/8" = 1'-0"



GENERAL NOTES:

1. See LEGEND on sheet S1.1 for descripiton of structural call out prefixes (CF, CW, MW, MH, SB, WB, etc).
2. See Architectural Drawings for dimensions not shown.
3. See Main Floor Wall Framing Plan for embeds @ top of concrete walls or piers.
4. All horizontal rebar in walls and footings to be drilled and epoxied into existing foundation. Use Simpson AT anchoring system w/ 4 1/4" minimum embedment or equivalent.
5. 36" deep CW3 frost wall around the concrete slab as indicated. Construct slab on grade over concrete frost wall, reference section 4/S3.1. Footing shown in section is not required. See architectural drawings for extents of frost wall.

PROFESSIONAL ENGINEER REGISTERED 8816 3-24-2023 STATE OF IDAHO MARK D. ANDRUS

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
FOUNDATION PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
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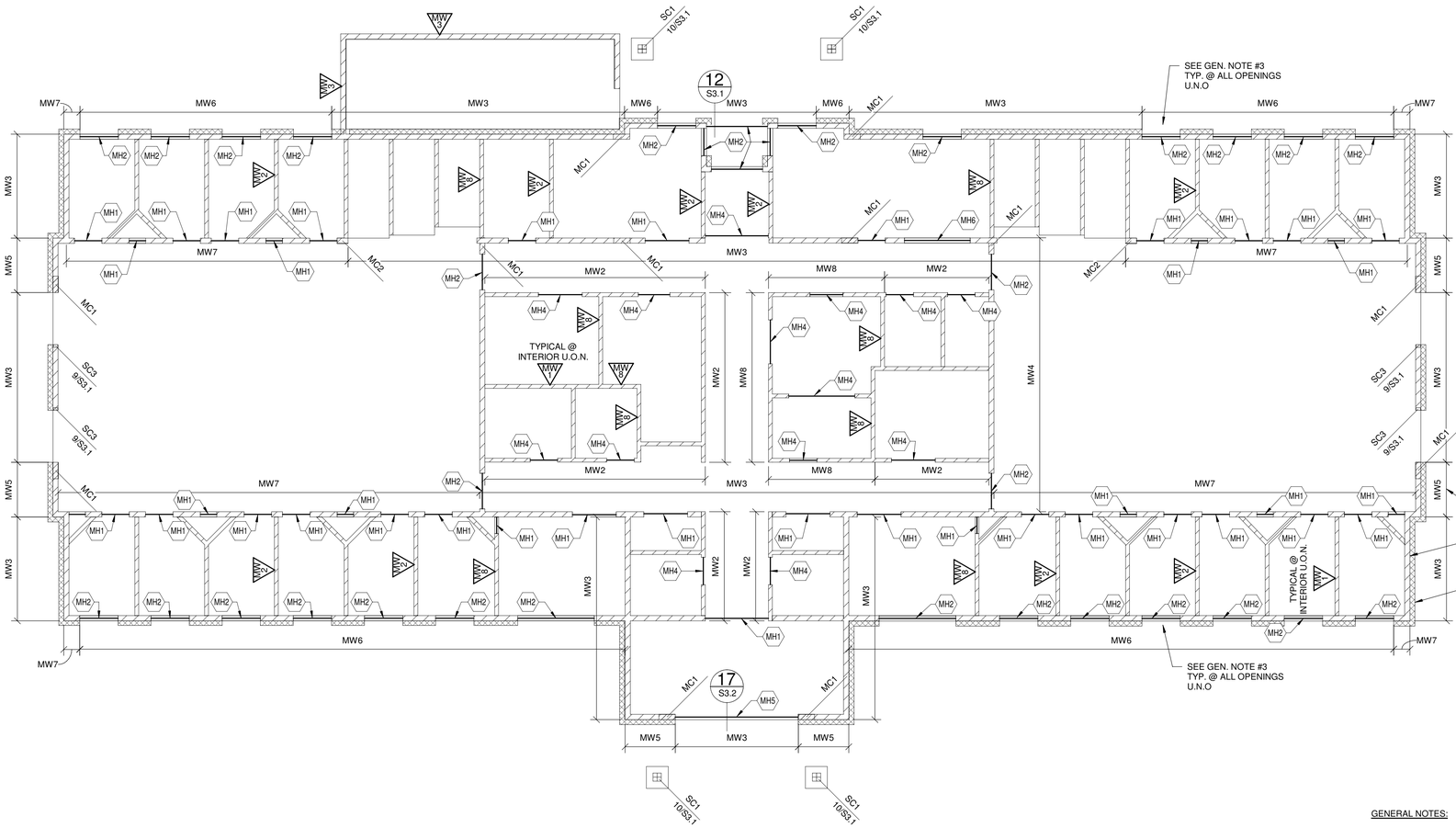
GH
CHECKED BY:
MA

DRAWING NO.:
S2.1

3/24/2023 9:26:21 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

Approved
Division of Building Safety
Plan Review - ccopp
Permit Number
Approved as noted. Approval of these plans does not grant any permit. Any permit issued shall not be construed to be a permit for, or an approval of, any violation of any provisions of the building code or of any other ordinance of the state. Approval of construction documents based on incomplete information does not prevent the building official from requiring corrections to errors subsequently discovered or violations that may exist.
This is not a building permit

1a



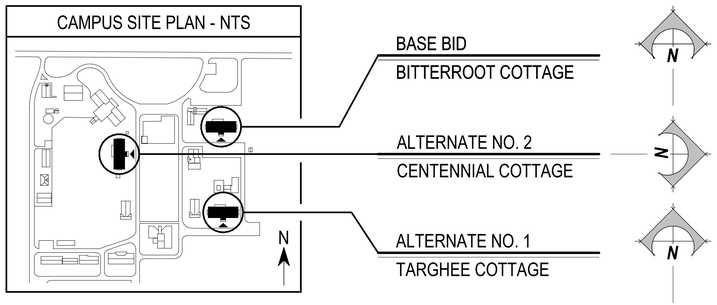
MAIN FLOOR WALL FRAMING PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. See LEGEND on sheet S1.1 for descripiton of structural call out prefixes (CF, CW, MW, MH, SB, WB, etc).
2. See Architectural Drawings for dimensions not shown.
3. Unless noted otherwise provide a steel lintel per the "Non-load Bearing Architectural Veneer Header Schedule" on sheet S1.3 for the architectural veneer at all openings with veneer.

CAMPUS SITE PLAN - NTS



PROFESSIONAL ENGINEER
REGISTERED
8816
3-24-2023
STATE OF IDAHO
MARK D. ANDRUS

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
MAIN FLOOR WALL FRAMING PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
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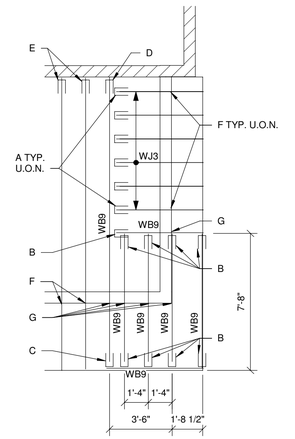
GH
CHECKED BY:
MA

DRAWING NO.:
S2.2

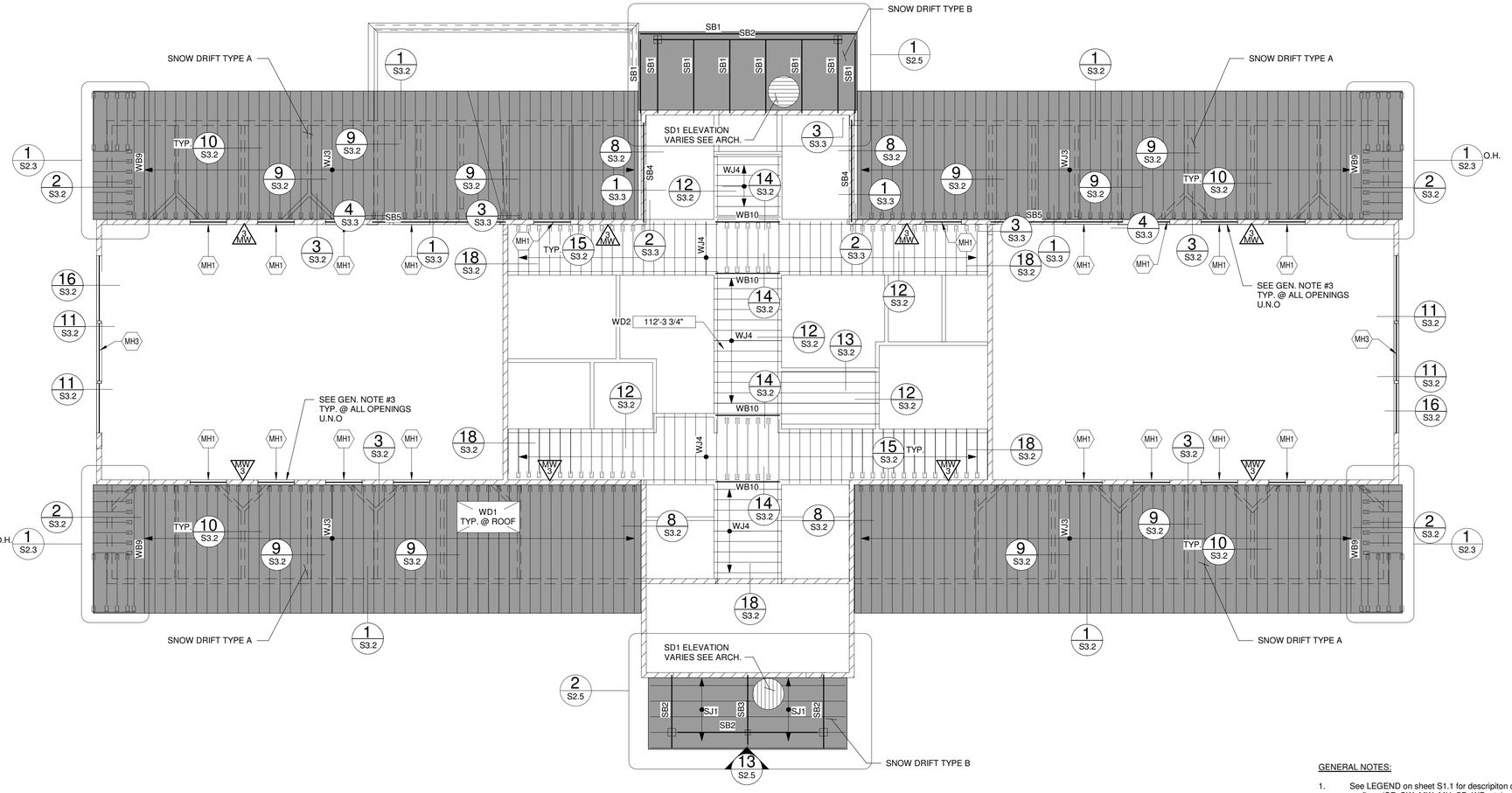
3/24/2023 9:26:22 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193_JCC COTTAGES_Eric_GS.rvt

Approved
Structural Idaho
Date: 03/24/2023
For Permit Only
Thank you for using Structural Idaho. Please review the attached approved plans and all conditions thereof. The approved plans must be on the jobsite available to all authorized inspectors. Project Address: 2220 E 600 N, ST. ANTHONY, IDAHO 83445
This is not a building permit



SECTION
1/4" = 1'-0"

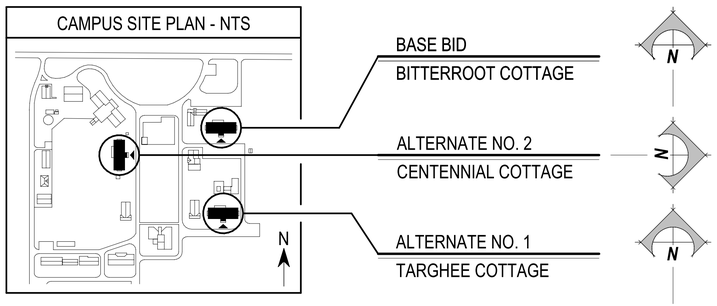
HANGER/STRAP SCHEDULE			
MARK	SIMPSON HANGER/STRAP	FASTENERS	
		FACE	JOIST
A	IUS2.06/9.5	(8) 0.148x3" NAILS	(2) 0.148x1 1/2" NAILS W/ WEB STIFFENERS
B	(2) A34	(8) #9x1 1/2" SD SCREWS	(8) #9x1 1/2" SD SCREWS
C	(1) A34	(4) #9x1 1/2" SD SCREWS	(4) #9x1 1/2" SD SCREWS
D	LSSR1.81Z	(14) #9x1 1/2" SD SCREWS	(12) #9x1 1/2" SD SCREWS
E	LSSR2.1Z	(14) #9x1 1/2" SD SCREWS	(12) #9x1 1/2" SD SCREWS
F	H8	(5) 0.148x1 1/2" NAILS	(5) 0.148x1 1/2" NAILS W/ WEB STIFFENERS
G	H2.5A	(5) 0.131x2 1/2" NAILS	(5) 0.131x2 1/2" NAILS



UPPER WALL, LOW ROOF & MEZZANINE FLOOR FRAMING PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. See LEGEND on sheet S1.1 for descripiton of structural call out prefixes (CF, CW, MW, MH, SB, WB, etc).
2. See Architectural Drawings for dimensions not shown.
3. Unless noted otherwise provide a steel lintel per the "Non-load Bearing Architectural Veneer Header Schedule" on sheet S1.3 for the architectural veneer at all openings with veneer.



PROFESSIONAL ENGINEER REGISTERED 8816 3-24-2023 STATE OF IDAHO MARK D. ANDRUS
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
UPPER WALL, LOWER ROOF & MEZZANINE FLOOR FRAMING PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
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GH
CHECKED BY:
MA

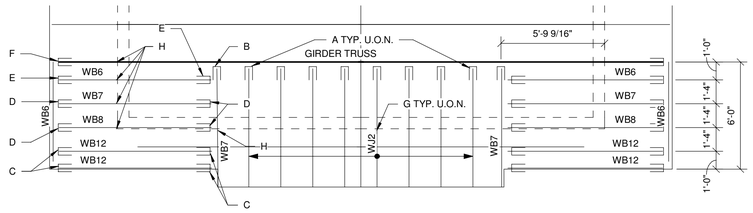
DRAWING NO.:
S2.3

3/24/2023 9:26:24 AM C:\Users\Eric\Documents_Revit Local Files\202121193 JCC COTTAGES_Eric_GS.rvt

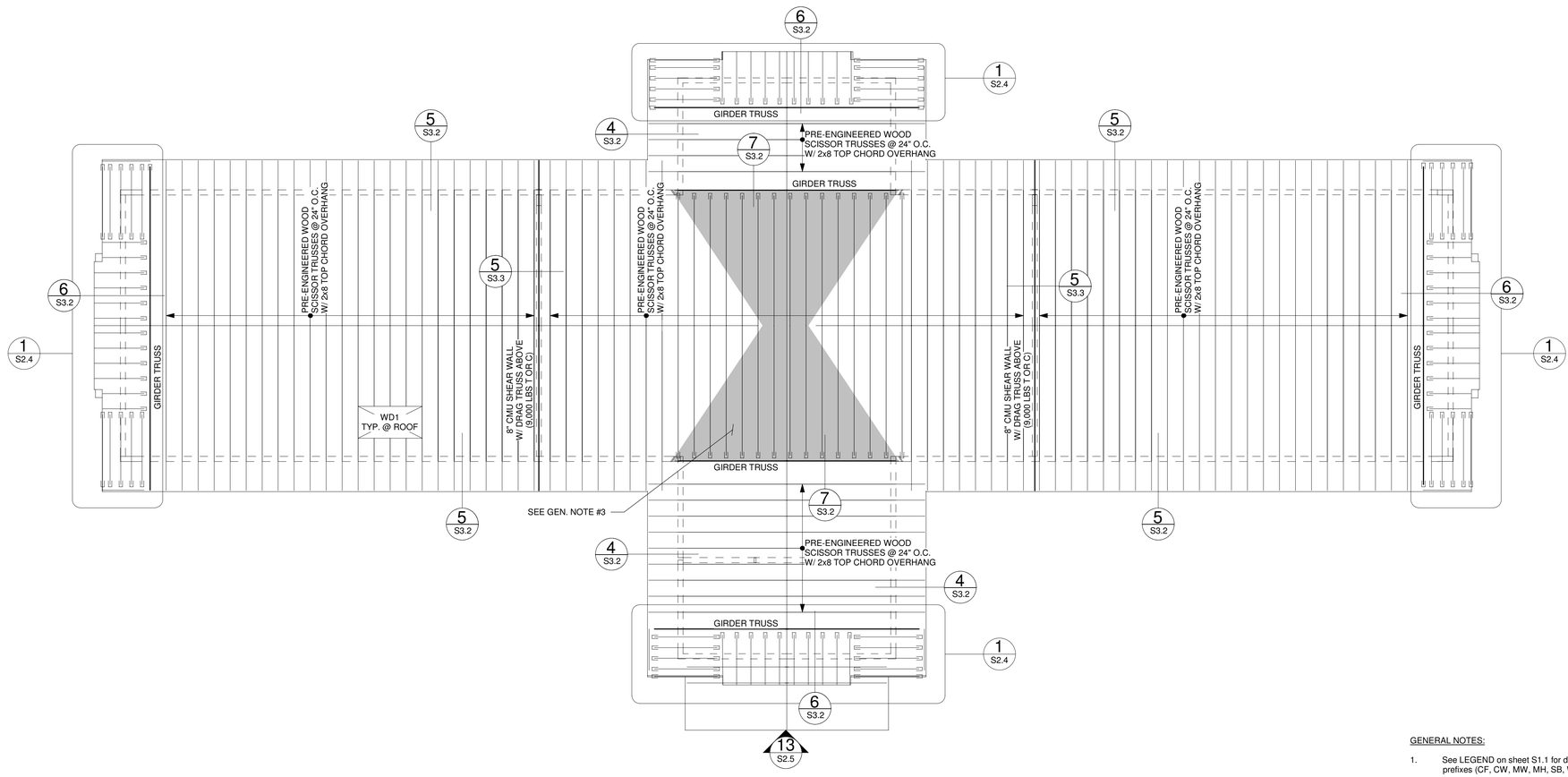
Approved
State of Idaho
Division of Building Safety
Plan Review - COMM
Thru: 6/30/2024
Reviewed for code compliance only. Field verification of site conditions and other factors are the responsibility of the owner and/or their agent. The approval is not to be construed as an approval of violation of any provisions of codes or ordinances not specifically addressed. Approval does not relieve the owner or their agent of the responsibility to comply with all codes and ordinances.
This is not a building permit

HANGER/STRAP SCHEDULE

MARK	SIMPSON HANGER/STRAP	FASTENERS	
		FACE	JOIST
A	LUS28	(6) 0.148x3" NAILS	(4) 0.148x3" NAILS
B	HUS48	(6) 0.162x3 1/2" NAILS	(6) 0.162x3 1/2" NAILS
C	LRU28Z	(6) #10x1 1/2" SD SCREWS	(5) #10x2 1/2" SD SCREWS
D	(4) A34	(16) #9x1 1/2" SD SCREWS	(16) #9x1 1/2" SD SCREWS
E	(2) A34	(8) #9x1 1/2" SD SCREWS	(8) #9x1 1/2" SD SCREWS
F	(1) A34	(4) #9x1 1/2" SD SCREWS	(4) #9x1 1/2" SD SCREWS
G	H2.5A	(5) 0.131x2 1/2" NAILS	(5) 0.131x2 1/2" NAILS
H	HTSM20	(4) 1/4x2 1/4" TITEN TURBO SCREWS INTO CMU	(10) 0.148x1 1/2" NAILS



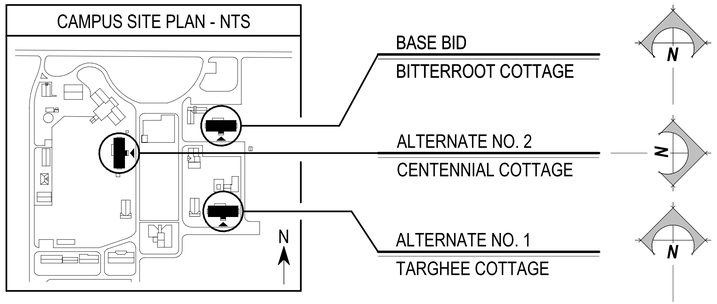
SECTION
1/4" = 1'-0"
1 / S2.4



UPPER ROOF FRAMING PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. See LEGEND on sheet S1.1 for descripiton of structural call out prefixes (CF, CW, MW, MH, SB, WB, etc).
2. See Architectural Drawings for dimensions not shown.
3. Shaded area on plan indicates roof overbuild. See Typical Overbuild Detail 4/S1.3.



PROFESSIONAL ENGINEER REGISTERED 8816 3-24-2023 STATE OF IDAHO MARK D. ANDRUS
G&S STRUCTURAL ENGINEERS
505 LINDSAY BOULEVARD
IDAHO FALLS, IDAHO 83402
PHONE: (208) 523-6918 / FAX: (208) 523-6922
E-MAIL: gs@gsengineers.net COPYRIGHT 2020
PROJECT NUMBER:21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

nbwarchitects p.a.
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(P) 208.522.8775 (F) 208.522.8765 (@) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
UPPER ROOF FRAMING PLAN

REVISIONS

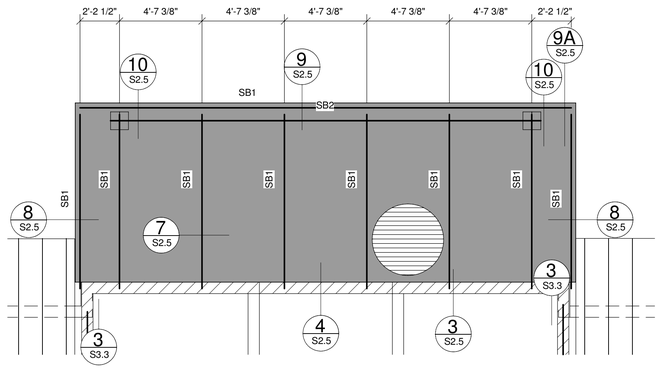
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
GH
CHECKED BY:
MA

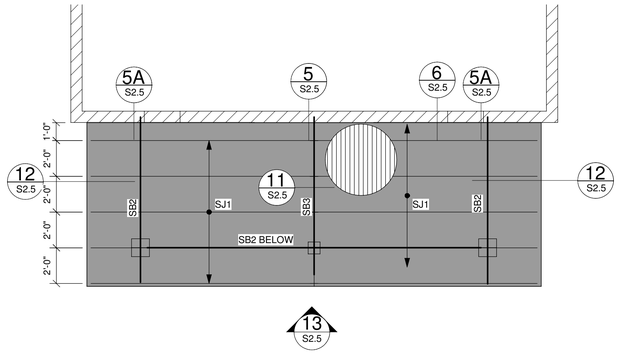
DRAWING NO.:
S2.4

3/24/2023 9:26:26 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

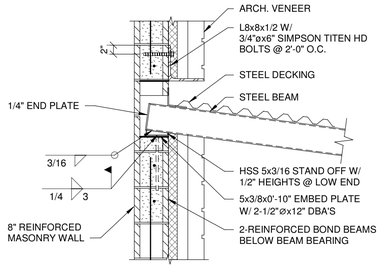
Approved
Structural Idaho
Date: 6/01/2023
Permit #: 00000
Building Safety
This approval is granted on the condition that the construction complies with the approved plans and specifications. The approval is valid for one year from the date of approval. Any changes must be approved by the building official prior to construction. Approval does not authorize violations of any code, ordinance, or law.
This is not a building permit



SECTION 1/4" = 1'-0" — 1 S2.5

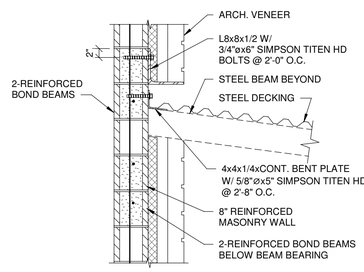


SECTION 1/4" = 1'-0" — 2 S2.5



NOTE:
LEDGER ANGLE CAN BE 8x8x3/8xCONT.
BENT PLATE AT CONTRACTORS OPTION.

SECTION 3/4" = 1'-0" — 3 S2.5



NOTE:
LEDGER ANGLE CAN BE 8x8x3/8xCONT.
BENT PLATE AT CONTRACTORS OPTION.

SECTION 3/4" = 1'-0" — 4 S2.5

1. EMBED PLATE TO BE 5x3/8x1'-4" @ 5A/S2.5.
2. LEDGER ANGLE CAN BE 8x8x3/8xCONT.
BENT PLATE AT CONTRACTORS OPTION.

SECTION 3/4" = 1'-0" — 5 S2.5 AS SHOWN / 5A S2.5 AS NOTED

NOTE:
LEDGER ANGLE CAN BE 8x8x3/8xCONT.
BENT PLATE AT CONTRACTORS OPTION.

SECTION 3/4" = 1'-0" — 6 S2.5

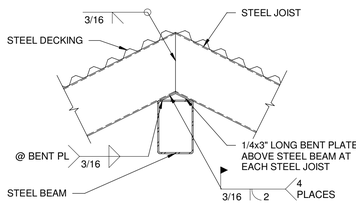
SECTION 3/4" = 1'-0" — 7 S2.5

SECTION 3/4" = 1'-0" — 8 S2.5

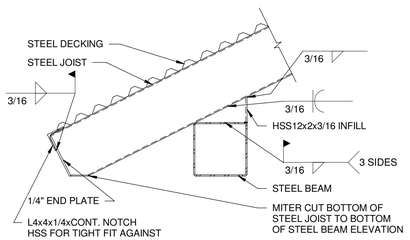
NOTE:
NO SUPPORTING STEEL BEAM AT 9A/S2.5 ONLY.

SECTION 3/4" = 1'-0" — 9 S2.5 AS SHOWN / 9A S2.5 AS NOTED

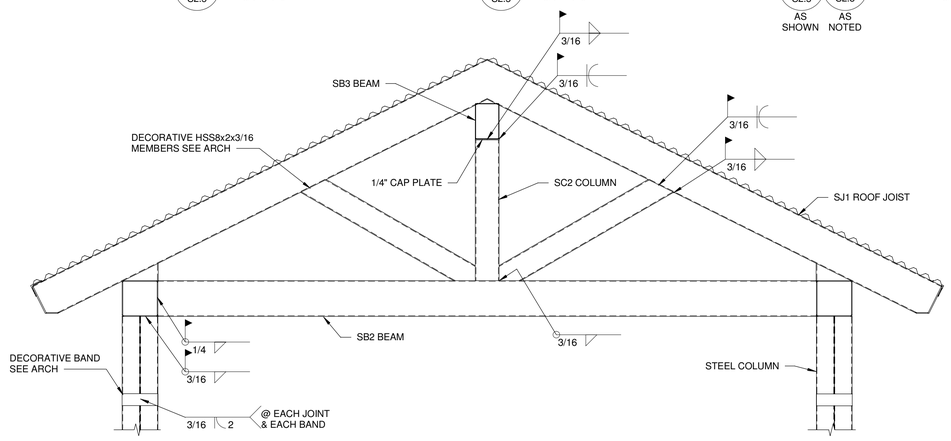
SECTION 3/4" = 1'-0" — 10 S2.5



SECTION 3/4" = 1'-0" — 11 S2.5



SECTION 3/4" = 1'-0" — 12 S2.5



SECTION 1/2" = 1'-0" — 13 S2.5

PROFESSIONAL ENGINEER REGISTERED 8816 6-24-2023 STATE OF IDAHO MARK D. ANDRUS

G&S STRUCTURAL ENGINEERS
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E-MAIL: gs@gsengineers.net COPYRIGHT 2020
PROJECT NUMBER:21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8775 (F) 208.522.8765 (@) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
CANOPY ROOF FRAMING PLAN & SECTIONS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

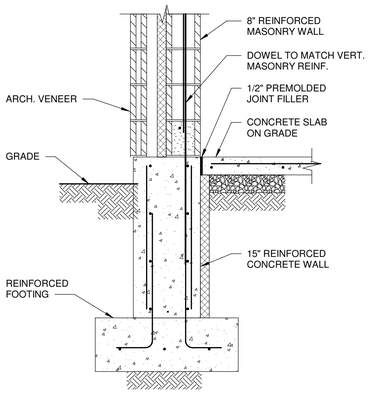
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
GH
CHECKED BY:
MA

DRAWING NO.:
S2.5

3/24/2023 9:26:28 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193_JCC COTTAGES_Eric_GS.rvt

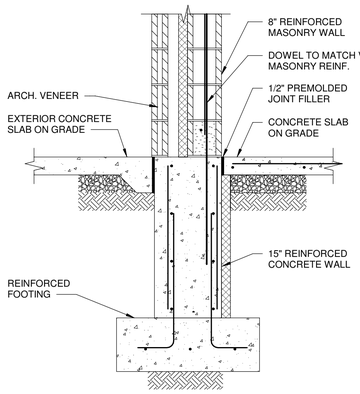
Approved
Structural Idaho
Date: 6/1/2023
By: ksmith
For: Building Safety
Permit Card Must be Posted at the Jobsite
Permit Number: BLD2023-xxxx
This approval is for structural only and does not include fire, life safety or any other code requirements. The approval of plans does not permit the violation of any code, law or ordinance. The approval is valid for one year from date of approval unless otherwise noted.
This is not a building permit

1a

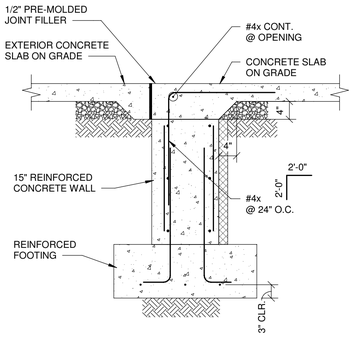


NOTE: THE CONCRETE SLAB IS TO BE THICKENED AT SECTION 1A/S3.1 ONLY. SEE FOUNDATION PLAN.

SECTION 1 S3.1 AS SHOWN — 1A S3.1 AS NOTED
3/4" = 1'-0"

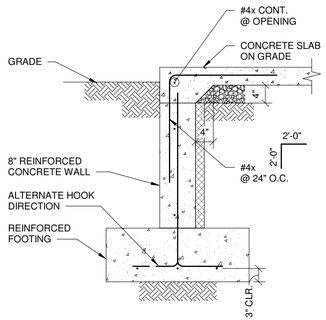


SECTION 2 S3.1
3/4" = 1'-0"

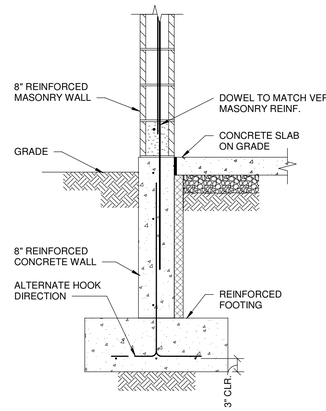


NOTE:
8" CONCRETE WALL THICKNESS AT SECTION 3A/S3.1 ONLY.
REFERENCE SECTION 4/S3.1.

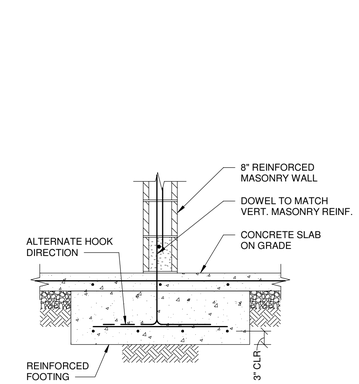
SECTION 3 S3.1 AS SHOWN — 3A S3.1 AS NOTED
3/4" = 1'-0"



SECTION 4 S3.1
3/4" = 1'-0"

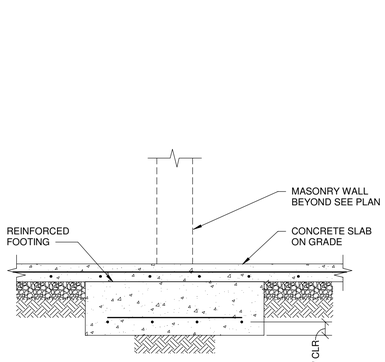


SECTION 5 S3.1
3/4" = 1'-0"

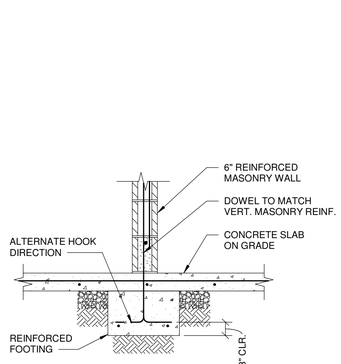


NOTE: AT CONTRACTOR'S OPTION THE MASONRY WALL TO FOOTING DOWELS CAN BE DRILLED & EPOXIED INTO FOOTING BELOW THE FLOOR SLAB. USE SIMPSON AT-XP ADHESIVE OR EQUAL WITH A MIN. 4 1/4" EMBEDMENT INTO THE FOOTING BELOW.

SECTION 6 S3.1
3/4" = 1'-0"

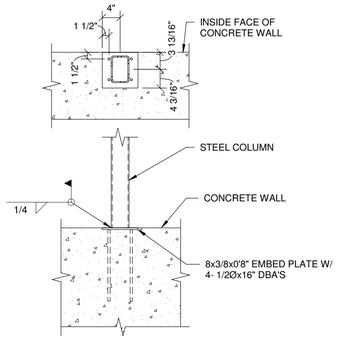


SECTION 7 S3.1
3/4" = 1'-0"

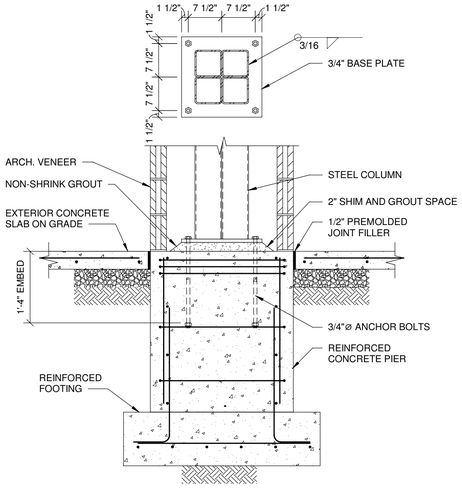


NOTE: AT CONTRACTOR'S OPTION THE MASONRY WALL TO FOOTING DOWELS CAN BE DRILLED & EPOXIED INTO FOOTING BELOW THE FLOOR SLAB. USE SIMPSON AT-XP ADHESIVE OR EQUAL WITH A MIN. 4 1/4" EMBEDMENT INTO THE FOOTING BELOW.

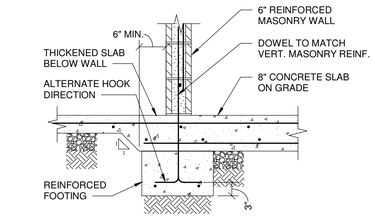
SECTION 8 S3.1
3/4" = 1'-0"



SECTION 9 S3.1
3/4" = 1'-0"

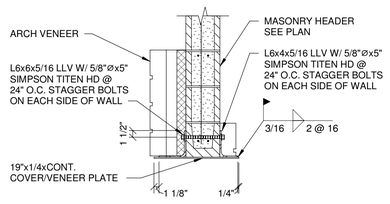


SECTION 10 S3.1
3/4" = 1'-0"



NOTE: AT CONTRACTOR'S OPTION THE MASONRY WALL TO FOOTING DOWELS CAN BE DRILLED & EPOXIED INTO FOOTING BELOW THE FLOOR SLAB. USE SIMPSON AT-XP ADHESIVE OR EQUAL WITH A MIN. 4 1/4" EMBEDMENT INTO THE FOOTING BELOW.

SECTION 11 S3.1
3/4" = 1'-0"



NOTE:
AT VENEER ANGLES PROVIDE 4" BEARING ON EACH SIDE OF OPENING

SECTION 12 S3.1
3/4" = 1'-0"

PROFESSIONAL ENGINEER REGISTERED 8816 3-24-2023 STATE OF IDAHO MARK D. ANDRUS

G&S STRUCTURAL ENGINEERS
505 LINDSAY BOULEVARD
IDAHO FALLS, IDAHO 83402
PHONE: (208) 523-6918 / FAX: (208) 523-6922
E-MAIL: gs@gsengineers.net COPYRIGHT 2020
PROJECT NUMBER:21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8765 (F) 208.522.8779 (@) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: STRUCTURAL FOUNDATION SECTIONS

REVISIONS

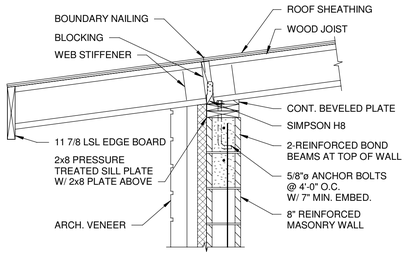
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
GH
CHECKED BY:
MA

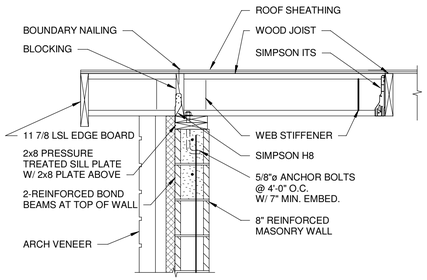
DRAWING NO.:
S3.1

3/24/2023 9:26:29 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

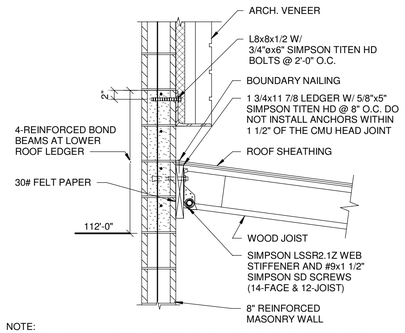
Approved
Division of Building Safety
Plan Review Group
Plan review is based only on the applicable codes adopted by the State of Idaho and adopted standards. The building official may require corrections to plans, specifications and other construction documents to bring them into compliance with the applicable codes, laws, rules and regulations adopted by the state of Idaho. Review and approval of construction documents shall not prevent the building official from requiring corrections to erroneous plans or violations of applicable codes, laws, rules or regulations adopted by the state of Idaho.
This is not a building permit



SECTION 1 S3.2

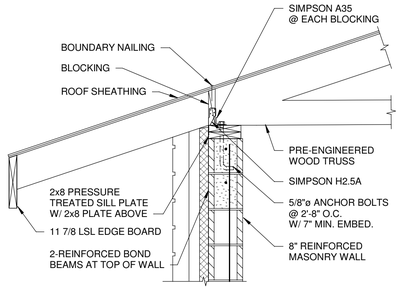


SECTION 2 S3.2
3/4" = 1'-0"

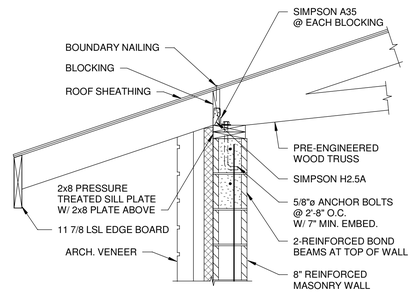


NOTE:
LEDGER ANGLE CAN BE 8x8x3/8xCONT. BENT PLATE AT CONTRACTORS OPTION.

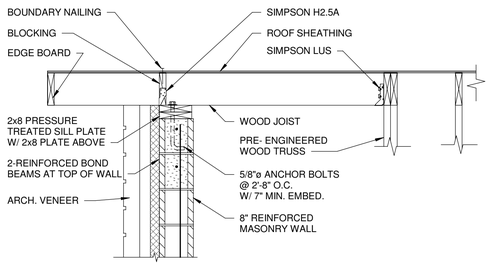
SECTION 3 S3.2
3/4" = 1'-0"



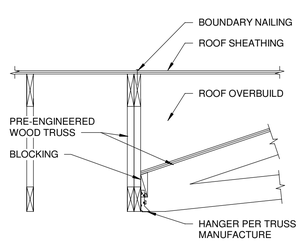
SECTION 4 S3.2
3/4" = 1'-0"



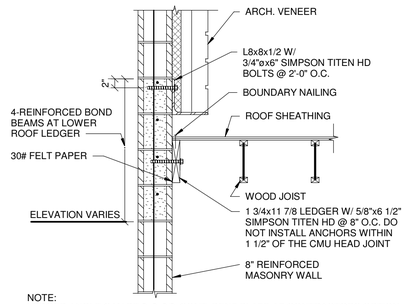
SECTION 5 S3.2
3/4" = 1'-0"



SECTION 6 S3.2
3/4" = 1'-0"

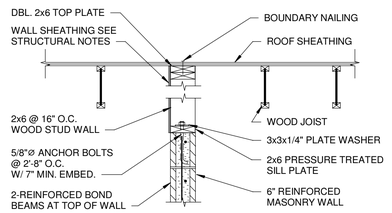


SECTION 7 S3.2
3/4" = 1'-0"

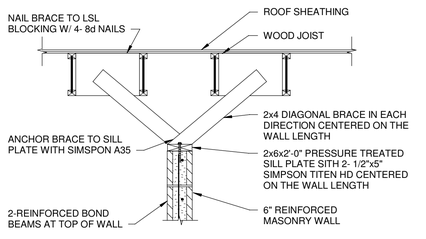


NOTE:
LEDGER ANGLE CAN BE 8x8x3/8xCONT. BENT PLATE AT CONTRACTORS OPTION.

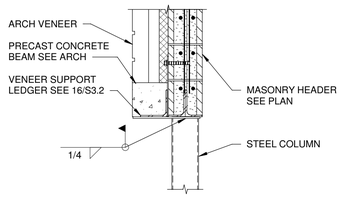
SECTION 8 S3.2
3/4" = 1'-0"



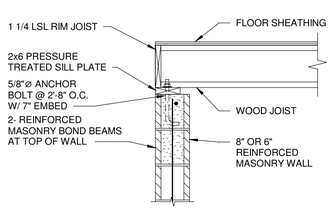
SECTION 9 S3.2
3/4" = 1'-0"



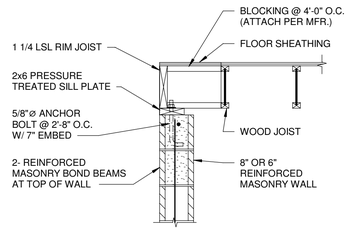
SECTION 10 S3.2
3/4" = 1'-0"



SECTION 11 S3.2
3/4" = 1'-0"



SECTION 12 S3.2
3/4" = 1'-0"



SECTION 13 S3.2
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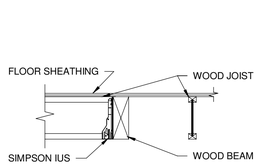

SECTION 14 S3.2
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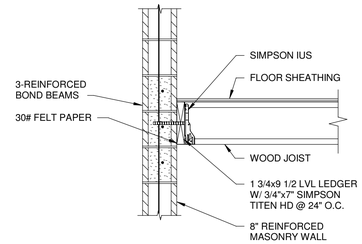

SECTION 15 S3.2
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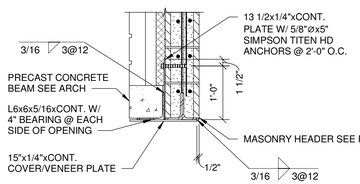

SECTION 16 S3.2
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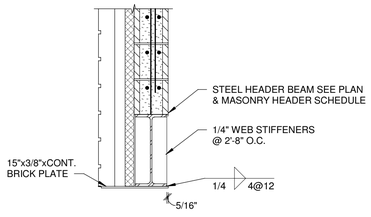

SECTION 17 S3.2
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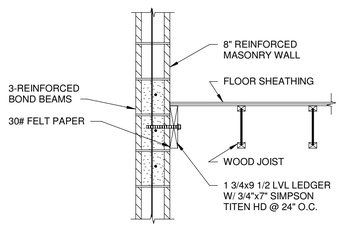


SECTION 18 S3.2
3/4" = 1'-0"

PROFESSIONAL ENGINEER REGISTERED 8816 3-24-2023 STATE OF IDAHO MARK D. ANDRUS

G&S STRUCTURAL ENGINEERS
505 LINDSAY BOULEVARD
IDAHO FALLS, IDAHO 83402
PHONE: (208) 523-6918 / FAX: (208) 523-6922
E-MAIL: gs@gsengineers.net COPYRIGHT 2020
PROJECT NUMBER: 21193
DRAFTER: GH DESIGNER: MA CHECKER: FLW

nbw architects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8775 (F) 208.522.8765 (@) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: STRUCTURAL ROOF & MEZZANINE SECTIONS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

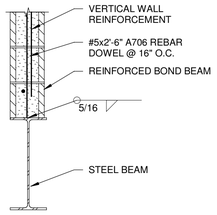
NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: GH
CHECKED BY: MA

DRAWING NO.: S3.2

3/24/2023 9:26:31 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

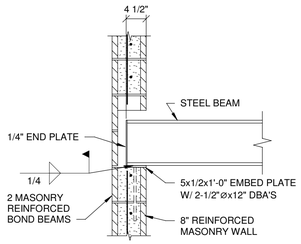
Approved
Division of Building Safety
Permit Number: 00000
Plan Review Approved
Plans Examiner: KEN
Date: 6/1/2023
Approval is granted on the condition that the proposed work and plans conform to all applicable codes and ordinances. The issuance of a permit does not prevent the building official from subsequently requiring the correction of errors in the plans, building or premises.
This is not a building permit

1a



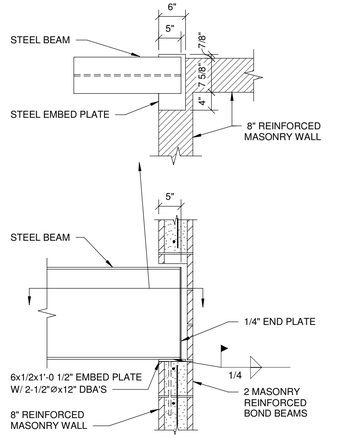
NOTE:
1. FLUSH INSIDE BEAM EDGE WITH INSIDE FACE OF MASONRY.

SECTION 1 / S3.3
3/4" = 1'-0"



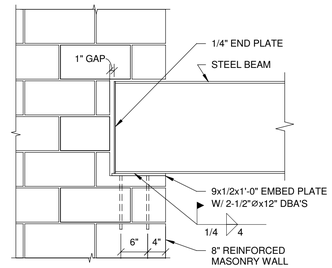
NOTE:
1. SEE PLAN FOR REINFORCED MASONRY COLUMN REQUIRMENTS.

SECTION 2 / S3.3
3/4" = 1'-0"



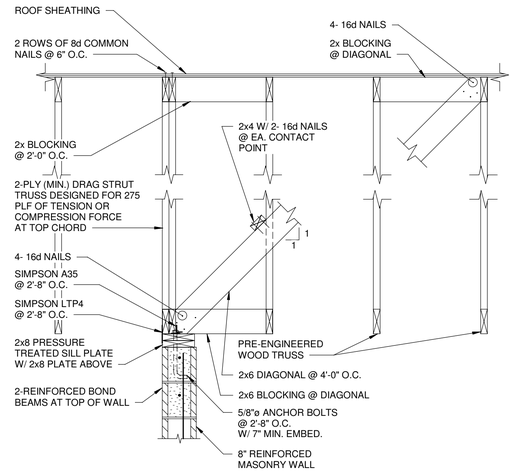
NOTE:
1. SEE PLAN FOR REINFORCED MASONRY COLUMN REQUIRMENTS.
2. BEAM SIZE VARIES, SEE PLAN.
3. ROTATE SECTION AND MIRROR TO MATCH PLAN.

SECTION 3 / S3.3
3/4" = 1'-0"



NOTE:
1. SEE PLAN FOR REINFORCED MASONRY COLUMN REQUIRMENTS.

SECTION 4 / S3.3
3/4" = 1'-0"



SECTION 5 / S3.3
3/4" = 1'-0"

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(P) 208.522.8765 (F) 208.522.8779 (@) nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: STRUCTURAL SECTIONS

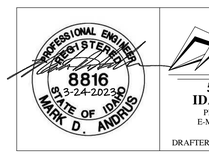
REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
GH
CHECKED BY:
MA

DRAWING NO.:

S3.3



G&S STRUCTURAL ENGINEERS
505 LINDSAY BOULEVARD
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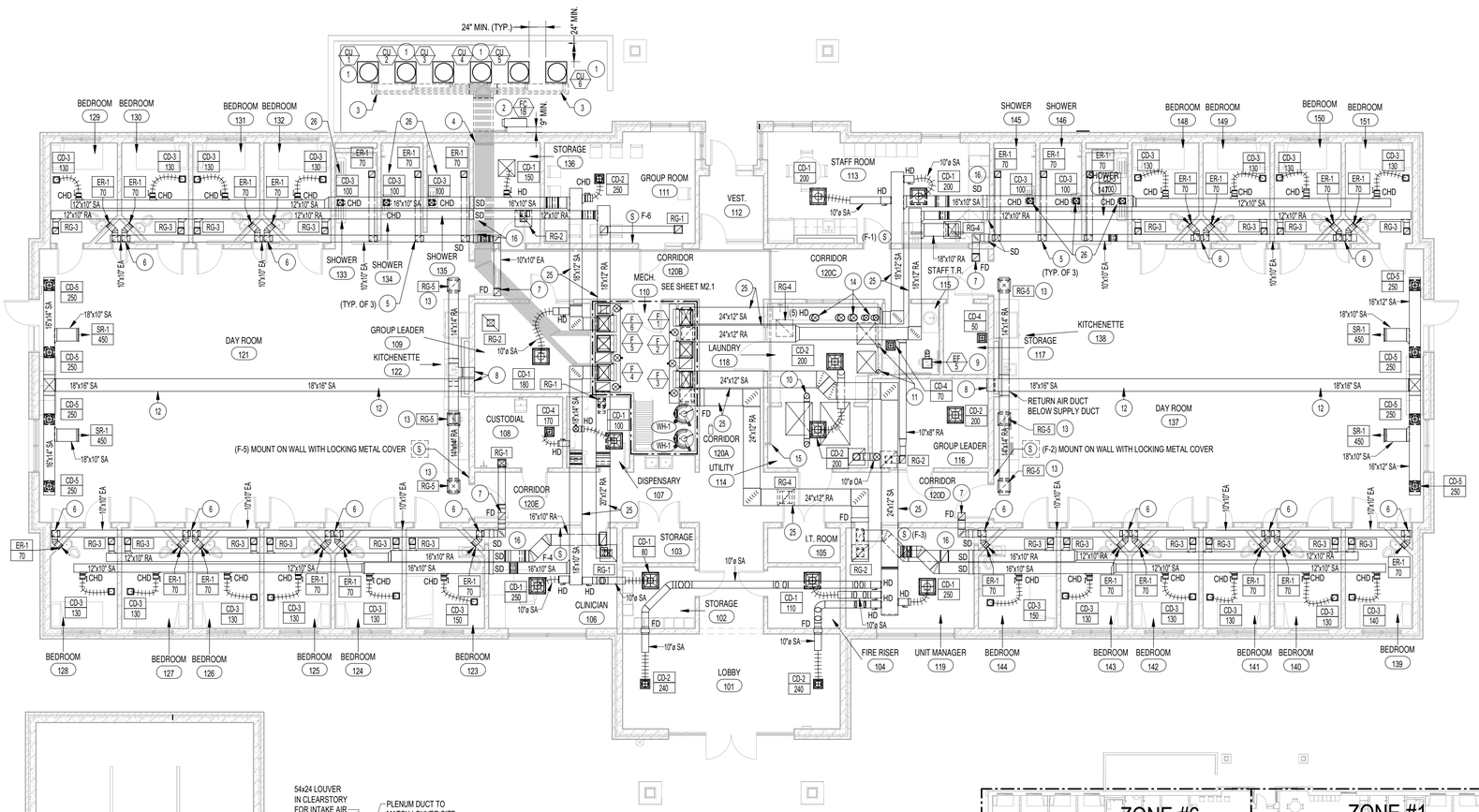
PHONE: (208) 523-6918 / FAX: (208) 523-6922
E-MAIL: gs@gsengineers.net COPYRIGHT 2020
PROJECT NUMBER: 21193
DRAFTER:GH DESIGNER:MA CHECKER:FLW

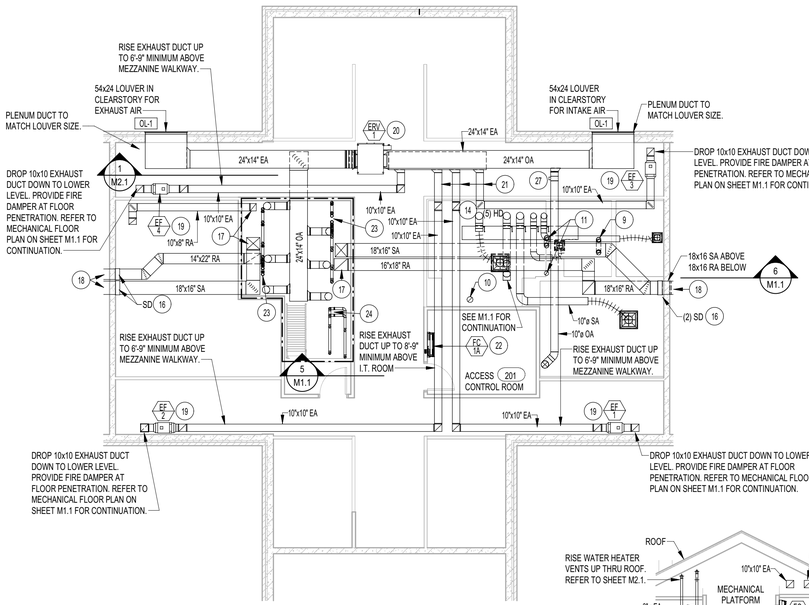
3/24/2023 9:26:31 AM C:\Users\Eric\Documents_Revit Local Files\2021\21193 JCC COTTAGES_Eric_GS.rvt

Approved
Star Idaho Building Safety
Permit #: 000000
Approved plans must be on site and available for inspection. Work shall be performed in accordance with approved plans and Idaho adopted codes. The approval of plans does not permit the violation of any code. Approved plans may not be changed, modified or altered without authorization from building official. Work shall be inspected as required.
This is not a building permit



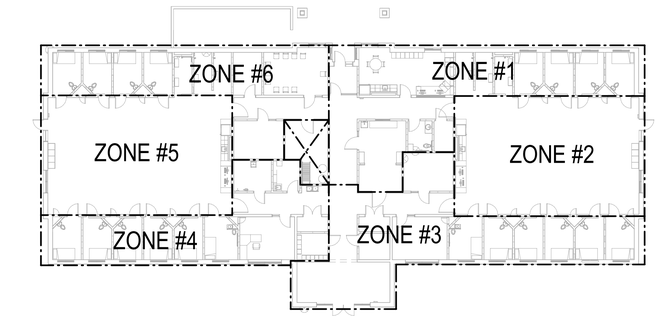
MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

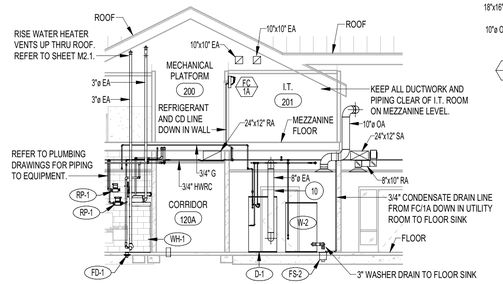


MECHANICAL MEZZANINE PLAN

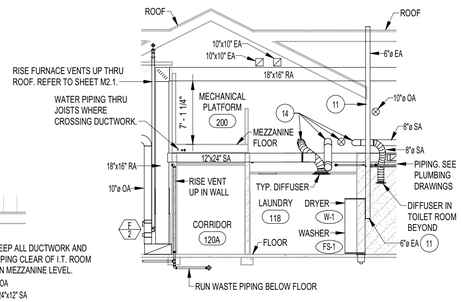
SCALE: 1/8" = 1'-0"



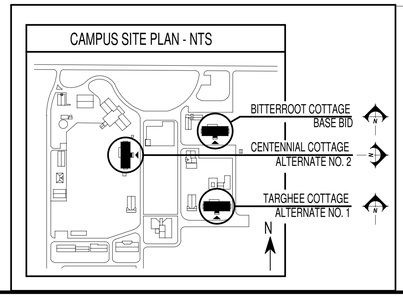
3 ZONNING PLAN
1" = 20'-0"



5 MECHANICAL SECTION 5
1/8" = 1'-0"



6 MECHANICAL SECTION 6
1/8" = 1'-0"



PLAN NOTES:

1. INSTALL CONDENSING UNIT AS SCHEDULED INSIDE MECHANICAL ENCLOSURE. PROVIDE CLEARANCE AROUND ALL UNITS AS INDICATED. MOUNT ON 1" THICK NEOPRENE PADS UNDER EACH CORNER. REFER TO REFRIGERANT PIPING DIAGRAM C/M3.2 FOR TYPICAL PIPING.
2. INSTALL MINI-SPLIT OUTDOOR UNIT IN MECHANICAL ENCLOSURE. MOUNT ON PUMP-UP PADS. DO NOT PLACE BELOW ROOF'S DRIP EDGE. COORDINATE UNIT LOCATION WITH GAS METER AND ELECTRICAL PANELS. RISE REFRIGERANT PIPING UP WITH OTHER PIPING AND RUN TO INDOOR UNIT LOCATED ON MEZZANINE LEVEL.
3. SUPPORT ALL REFRIGERANT PIPING FROM CONCRETE SLAB WITH UNISTRUT SUPPORTS. COVER ALL PIPING WITH PRE-FINISHED COVER. REFER TO REFRIGERANT PIPING SUPPORT AND COVER DETAILS H/M3.2 AND TO PIPING DIAGRAM C/M3.2. COVER COLOR TO BE CHOOSEN BY ARCHITECT.
4. RISE ALL REFRIGERANT PIPING INSIDE BUILDING TO ABOVE CEILINGS. REFER TO DETAIL G/M3.2 FOR TYPICAL INSTALLATION AND SUPPORT AT WALL PENETRATION. SEAL PIPE PENETRATIONS WATER TIGHT ON EXTERIOR AND INTERIOR OF BLOCK WALL. SEE ARCHITECTURAL DRAWINGS FOR SHELVING AROUND REFRIGERANT LINES.
5. DROP 8x8 EXHAUST DUCT DOWN AND RUN TO CEILING MOUNTED GRILLE. PROVIDE BALANCING DAMPER IN DUCT WITH CEILING QUADRANT CONTROL. FASTEN COVER WITH SECURITY SCREWS.
6. DROP 8x8 EXHAUST DUCT(S) DOWN IN PLUMBING CHASE AND CONNECT TO WALL MOUNTED EXHAUST GRILLE. PROVIDE MANUAL BALANCING DAMPER IN DUCT, INSIDE CHASE. COORDINATE WITH PIPING.
7. RISE EXHAUST DUCT UP THRU MEZZANINE FLOOR AND CONNECT TO FAN ABOVE. REFER TO MECHANICAL MEZZANINE PLAN. PROVIDE FIRE DAMPER AT FLOOR/CEILING FIRE RATED ASSEMBLY.
8. REFER TO MECHANICAL MEZZANINE PLAN (THIS SHEET) FOR CONTINUATION OF DUCTWORK.
9. INSTALL CEILING MOUNTED EXHAUST FAN AS SCHEDULED. RISE 6" Dia. DUCT UP THRU ROOF WITH ROOF CAP. DUCT TO PENETRATE ROOF AS CLOSE AS POSSIBLE TO RIDGE LINE. REFER TO DETAIL B/M3.1.
10. CONNECT 8" Dia. VENT TO DRYER AND RISE UP THRU ROOF WITH ROOF CAP. OFFSET VENT AROUND I.T. ROOM ABOVE. VENT TO PENETRATE ROOF AS CLOSE AS POSSIBLE TO RIDGE LINE. SEE TO DETAIL F/M3.1.
11. CONNECT 6" Dia. VENT TO STACKABLE WASHER/DRYER UNIT. RISE VENT UP THRU ROOF WITH ROOF CAP. VENT TO ROOF PENETRATION TO BE AS CLOSE AS POSSIBLE TO RIDGE LINE. REFER TO DETAIL H/M3.1.
12. RUN SUPPLY AIR DUCT ABOVE HIGH CEILING IN DAY ROOM. COORDIANTE DUCT LOCATION WITH ROOF TRUSSES.
13. MOUNT RETURN AIR GRILLES IN SOFFIT CEILING. COORDINATE ACTUAL GRILLE LOCATION WITH WALLS AND MILLWORK.
14. TYPICAL BALANCING DAMPER IN TOP OF DUCT. COORDINATE DAMPER LOCATIONS WITH OTHER DUCTWORK AND PIPING. PROVIDE SECURITY SCREWS ON ALL DAMPER COVER PLATES.
15. RISE REFRIGERANT PIPING UP AND CONNECT TO FAN COIL IN I.T. ROOM ABOVE. REFER TO MECHANICAL MEZZANINE PLAN (THIS SHEET).
16. PROVIDE SMOKE DAMPERS IN IN DUCTS AT ALL SMOKE WALL PENETRATIONS. REFER TO DETAIL J/M3.2.
17. DROP DUCTWORK DOWN INTO MECHANICAL ROOM BELOW. REFER TO LARGE SCALE PLAN ON SHEET M2.1 FOR CONNECTION TO FURNACE.
18. REFER TO MECHANICAL FLOOR PLAN FOR CONTINUATION.
19. MOUNT IN-LINE EXHAUST FAN ON MEZZANINE LEVEL. PROVIDE VIRBRATION ISOLATORS ON FAN AND FLEXIBLE CONNECTIONS FOR DUCTWORK. COORDINATE FAN LOCATION WITH STRUCTURE AND DUCTWORK. INSTALL CLOSE TO WALL AND LEAVE ACCESS IN WALKWAY. REFER TO DETAIL D/M3.3.
20. INSTALL ERV UNIT ON MEZZANINE WALKWAY WITH VIRBRATION ISOLATOR AT EACH CORNER. PROVIDE FLEXIBLE DUCT CONNECTIONS. COORDINATE ACTUAL LOCATION OF UNIT WITH DUCTWORK AND STRUCTURE TO ALLOW ACCESS ALL AROUND AND PASSED UNIT.
21. EXHAUST DUCTWORK AT MEZZANINE FLOOR LEVEL. LEAVE 18" MINIMUM SPACE BETWEEN DUCTS FOR ACCESS TO OTHER EQUIPMENT.
22. INSTALL INDOOR MINI-SPLIT UNIT ON WALL AS HIGH AS POSSIBLE. COORDINATE ACTUAL LOCATION WITH I.T. EQUIPMENT.
23. GATHER (2) 3" Dia. FURNACE VENTS FROM EACH FURNACE SYSTEM TOGETHER AND RISE UP THRU ROOF WITH CONCENTRIC TYPE FITTING. LOCATE ROOF PENETRATION NEAR PEAK OF ROOF AND SEAL WATER TIGHT. COORDINATE WITH ROOF STRUCTURE AND DUCTWORK.
24. GATHER (2) 4" Dia. WATER HEATER VENTS FROM EACH WATER HEATER TOGETHER AND RISE UP THRU ROOF WITH CONCENTRIC TYPE FITTING. LOCATE ROOF PENETRATION NEAR PEAK OF ROOF AND SEAL WATER TIGHT. COORDINATE WITH ROOF STRUCTURE AND DUCTWORK.
25. RUN DUCTWORK ABOVE CORRIDOR CEILINGS AND BELOW MEZZANINE FLOOR/CEILING ASSEMBLY. COORDINATE WITH LIGHTS AND PIPING.
26. PROVIDE MANUAL BALANCING DAMPER IN BRANCH DUCT WITH CEILING QUADRANT TYPE CONTROL. COVER DAMPER CONTROL WITH METAL PLATE WITH SECURITY SCREWS.
27. PROVIDE MOTORIZED DAMPER IN 10" ROUND MAKE-UP AIR FOR LAUNDRY ROOM. INTERLOCK DAMPER WITH DRYER OPERATION.

nbwarchitects p.a.
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(P) 208.522.8775 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
MECHANICAL FLOOR PLAN

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

PROFESSIONAL ENGINEER
DAVID L. HANSEN
18184
12/30/22
STATE OF IDAHO

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

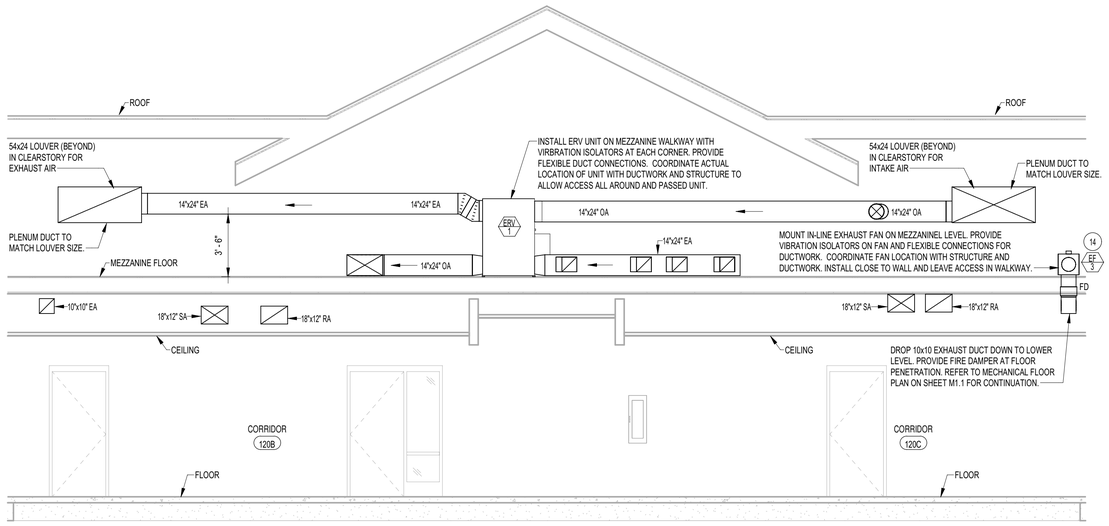
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:
M1.1

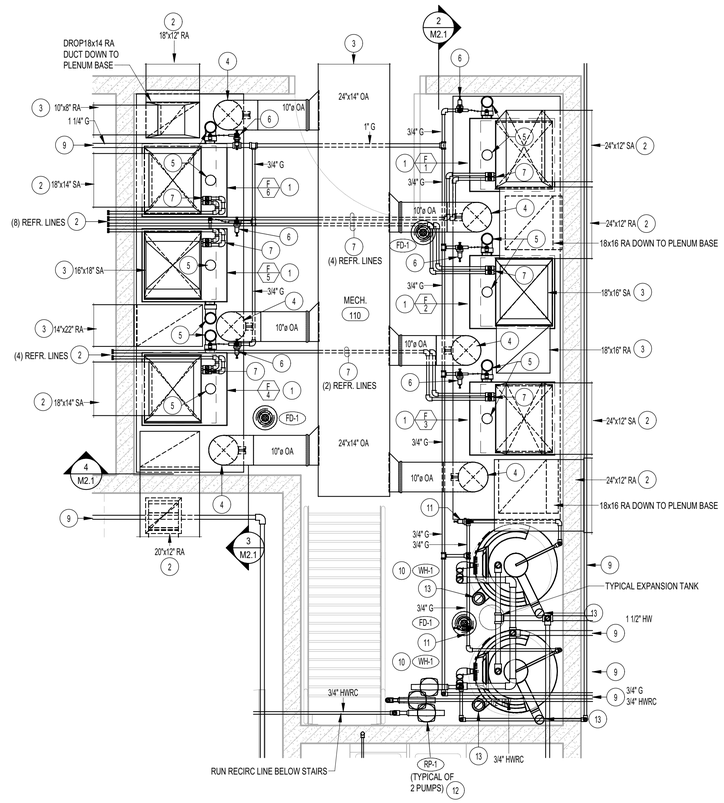
3/20/2023 2:51:50 PM 21063-JCC COTTAGES M&P_detached.rvt

Approved
Structure Idaho County
Building Safety
Date: 6/01/2023
By: [illegible]
Permit #: [illegible]
Approved as noted on plan. Approval of this plan does not authorize the violation of any law, ordinance, regulation or standard. The permit holder or his agent is responsible for the construction of this project in accordance with the approved plans and applicable laws, regulations, ordinances, standards.
This is not a building permit

1a

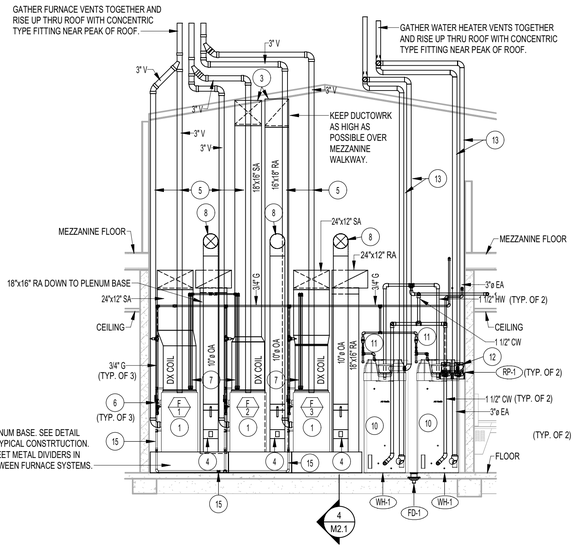


1 MECHANICAL SECTION 1
1/4" = 1'-0"



LARGE SCALE MECHANICAL ROOM

SCALE: 1/2" = 1'-0"



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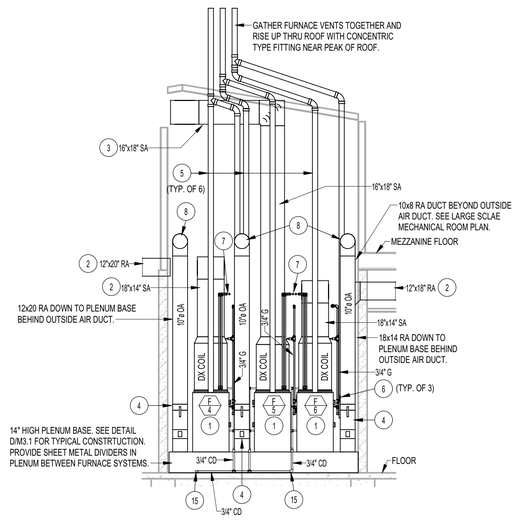
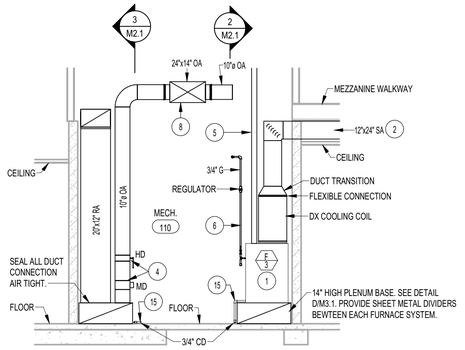
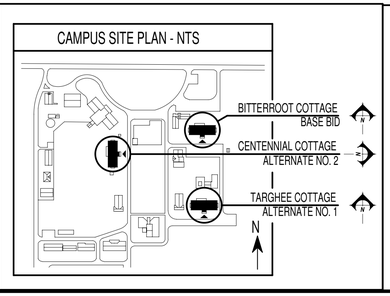


3 MECHANICAL SECTION 3
1/4" = 1'-0"



4 MECHANICAL SECTION 4
1/4" = 1'-0"

CAMPUS SITE PLAN - NTS



PLAN NOTES:

1. INSTALL GAS FIRED FURNACE AS SCHEDULED COMPLETE WITH DX COOLING COIL. MOUNT UNIT ON TOP OF 14"HIGH RETURN PLENUM. PROVIDE FULL SIZED OPENING IN BOTTOM OF FURNACE. REFER TO DETAIL D/M3.1 FOR TYPICAL CONSTRUCTION OF PLENUM BASE. REFER TO DETAIL L/M3.2 FOR TYPICAL FURNACE AND COIL PIPING CONNECTIONS. RUN 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN.
2. REFER TO MECHANICAL FLOOR PLAN ON SHEET M1.1 FOR CONTINUATION OF DUCTWORK AND REFRIGERANT PIPING.
3. REFER TO MECHANICAL MEZZANINE PLAN ON SHEET M1.1 FOR CONTINUATION OF DUCTWORK ABOVE.
4. DROP 10" Dia. OUTSIDE AIR DUCT DOWN IN FRONT OF RETURN DUCT AND CONNECT TO TOP OF RETURN AIR PLENUM. PROVIDE MOTORIZED DAMPER, DUCT ACCESS DOOR AND MANUAL BALANICNG DAMPER IN ROUND DUCT. BALANCE OUTSIDE AIR CFM AS INDICATED IN FURNACE SCHEDULE ON SHEET M3.3. REFER TO DETAIL C/M3.1 FOR TYPICAL DAMPER INSTALLATION. INTERLOCK MOTORIZED DAMPER WITH CORRESPONDING FURNACE AND BUILDING CONTROL SYSTEM.
5. RISE (2) 3" Dia. VENTS UP FROM EACH FURNACE. VENTS TO GATHER TOGETHER BEFORE EXTENDING UP THRU ROOF WITH CONCENTRIC FITTING. REFER TO MECHANICAL MEZZZANINE PLAN ON SHEET M1.1 FOR CONTINUATION OF VENTS. REFER TO DETAIL K/M3.2 FOR TYPICAL VENTS THRU ROOF.
6. CONNECT 3/4" GAS LINE TO EACH FURNACE WITH PRESSURE REGULATOR, SHUT-OFF VALVE, AND FLEXIBLE HOSE. REFER TO DETAIL J/P3.1 FOR TYPICAL GAS LINE CONNECTION.
7. COORDINATE REFRIGERANT PIPING ROUTES WITH DUCTWORK AND OTHER PIPING. DROP LINES DOWN AT EACH FURNACE AND CONNECT AS RECOMMENDED BY MANUFACTURER. REFER TO REFRIGERANT PIPING DIAGRAM C/M3.2 FOR TYPICAL PIPING CONNECTIONS.
8. KEEP OUTSIDE AIR DUCT UP ABOVE VENTS, OTHER DUCTWORK AND PIPING. REFER TO MECHANICAL MEZZANINE PLAN ON SHEET M1.1 FOR CONTINUATION OF OUTSIDE AIR DUCTWORK TO ERV UNIT.
9. REFER TO SHEET P1.1 FOR CONTINUATION OF PIPING. PIPING TO COORDINATE WITH DUCTWORK AND MECHANICAL EQUIPMENT.
10. INSTALL GAS FIRE WATER HEATER AS SCHEDULED. COORDINATE INSTALLATION WITH FURNACES AND DUCTWORK. ENSURE CLEAR PATH FOR REMOVAL OF WATER HEATERS IN THE FUTURE. REFER TO PIPING DIAGRAM M/3.1 FOR TYPICAL PIPING CONNECTIONS TO WATER HEATERS. PROVIDE VALVES, THERMOMETERS, EXPANSION TANK, ETC. AS INDICATED IN DIAGRAM.
11. CONNECT 3/4" GAS LINE TO EACH WATER HEATER WITH PRESSURE REGULATOR, SHUT-OFF VALVE AND FLEXIBLE HOSE. REFER TO DETAIL J/P3.1 FOR TYPICAL GAS LINE CONNECTION. DO NOT COMBINE WATER HEATERS TO SINGLE REGULATOR.
12. INSTALL HOT WATER RECIRC PUMP AS SCHEDULED. CONNECT TO RECIRC PIPING AND CONTROL WITH STRAP-ON AQUASTAT. REFER TO PIPING DIAGRAM M/P3.1 FOR TYPICAL INSTALLATION. PROVIDE FITTINGS AND ISOLATION VALVES AS INDICATED IN DIAGRAM.
13. RISE (2) 3" Dia. VENTS UP FROM EACH WATER HEATER. VENTS TO GATHER TOGETHER BEFORE EXTENDING UP THRU ROOF WITH CONCENTRIC FITTING. REFER TO MECHANICAL MEZZANINE PLAN ON SHEET M1.1 FOR CONTINUATION OF VENTS. REFER TO DETAIL K/M3.2 FOR TYPICAL VENTS THRU ROOF.
14. MOUNT IN-LINE EXHAUST FAN ON MEZZANINE LEVEL. PROVIDE VIRBRATION ISOLATORS ON FAN AND FLEXIBLE CONNECTIONS FOR DUCTWORK. COORDINATE FAN LOCATION WITH STRUCTURE AND DUCTWORK. INSTALL CLOSE TO WALL AND LEAVE ACCESS IN WALKWAY.
15. COLLECT 3/4" CONDENSATE DRAIN LINES FROM EACH FURNACE. RUN TO FLOOR DRAIN. DO NOT CROSS EQUIPMENT ACCESS PANELS WITH DRAIN LINES. REFER TO DETAIL L/M3.2 FOR TYPICAL FURNACE PIPING CONNECTIONS.

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
LARGE SCALE MECHANICAL ROOM

PROFESSIONAL ENGINEER
P-18184
12/30/22
DAVID L. HANSEN
STATE OF IDAHO

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

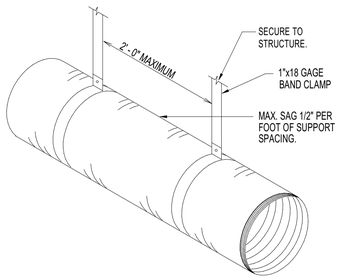
REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

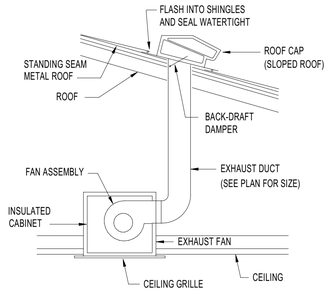
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:
M2.1

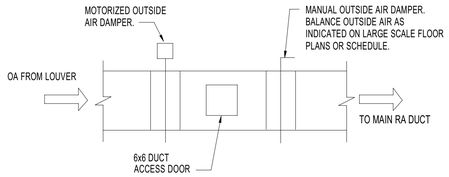
Approved
Structural Idaho
Date: 6/1/2023
By: ROBERT COOP
Permit Number:
Approved as noted on plan. Approval of these documents does not authorize the violation of any code or law. The approval shall not be construed to be a permit for, or an approval of, any violation of any code or law. Structural Idaho assumes no responsibility for any omissions or errors that may be contained in these documents. Structural Idaho's review is limited to the building structural components. Jurisdiction may have other requirements.
This is not a building permit



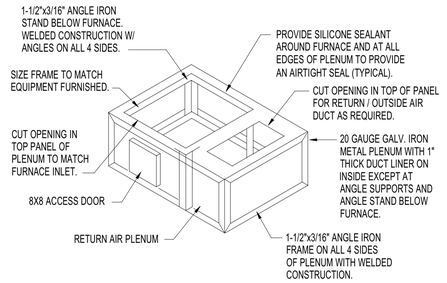
A FLEXIBLE DUCT SUPPORT DETAIL — NO SCALE



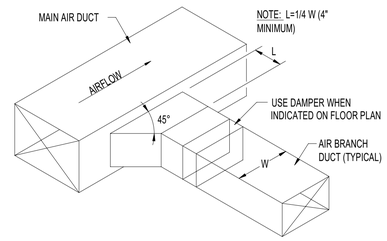
B CEILING MOUNTED EXHAUST FAN DETAIL — NO SCALE



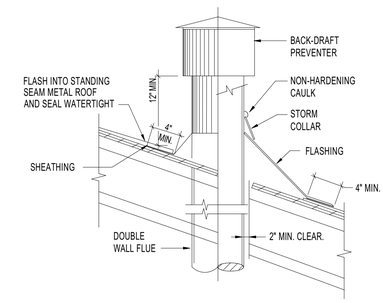
C TYPICAL OUTSIDE AIR DUCT DAMPERS — NO SCALE



D RETURN AIR PLENUM BASE DETAIL — NO SCALE



E RECTANGULAR DUCT CONNECTION DETAIL — NO SCALE



F DRYER VENT THRU ROOF DETAIL — NO SCALE

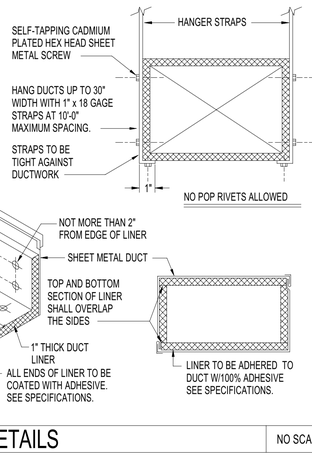
DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	TRANSVERSE REINFORCING (1) MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	AT JOINTS: DRIVE SLIP	AT JOINTS: HEMMED S SLIP
			RECOM-MENDED GAGE	RECOM-MENDED GAGE
UP THRU 12	26	NONE REQUIRED	26	26
13 - 18	24	NONE REQUIRED	24	24
19 - 30	24	1"x1"x1/8" @ 60 IN	-	24

(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

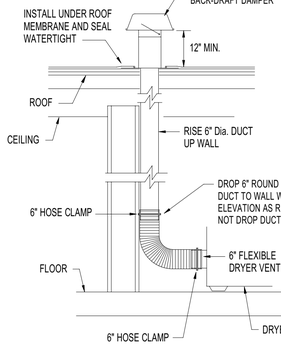
METAL FASTENERS - OMARK INSULPINS, DURO DYNE FASTENERS OR GRIPNAILS.

GRIP NAILS SHALL BE INSTALLED BY GRIPNAIL AIR HAMMER OR BY AUTOMATIC FASTENER EQUIP.

ENDS OF LINER SHALL BE BUTTED FIRMLY TOGETHER

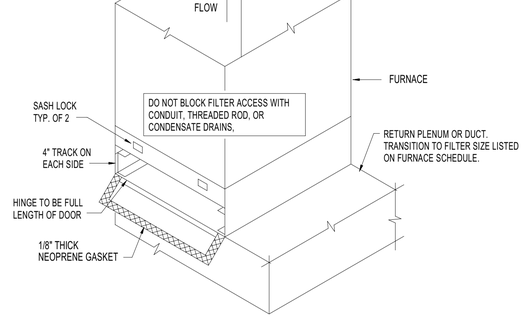


G DUCT CONSTRUCTION AND HANGER DETAILS — NO SCALE

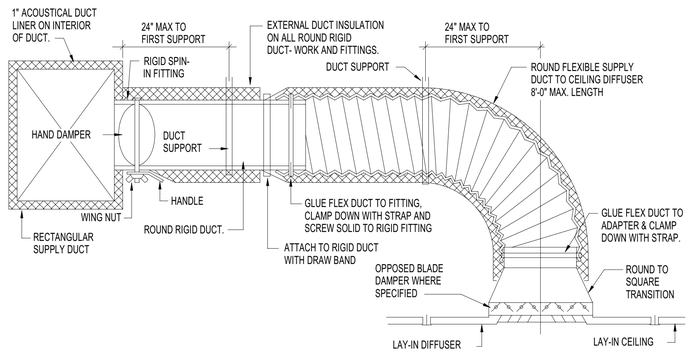


NOTE:
1- NO PROJECTIONS SUCH AS SCREWS OF SHEET METAL CORNERS IN DUCTWORK OR AT ELBOWS ARE ALLOWED.
2- MAXIMUM DUCT LENGTH IS 25'-0" INCLUDING 5'-0" REDUCTION FOR EACH 90 Deg. ELBOW.
3- FIELD VERIFY MOUNTING HEIGHT FOR STACKABLE UNITS. ADJUST TO ELEVATION OF DRYER EQUIPMENT PROVIDED.

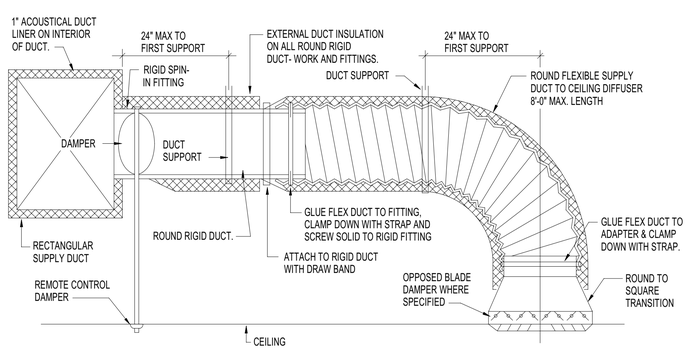
H DRYER VENT THRU ROOF DETAIL FOR STACKABLE DRYERS — NO SCALE



J FILTER SECTION DETAIL — NO SCALE



K CEILING DIFFUSER WITH BALANCING DAMPER ABOVE CEILING — NO SCALE



L CEILING DIFFUSER WITH CEILING QUADRANT BALANCING DAMPER — NO SCALE

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MECHANICAL DETAILS

Engineered Systems Associates
1355 EAST CENTER
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ESA JOB NUMBER: 21063

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:

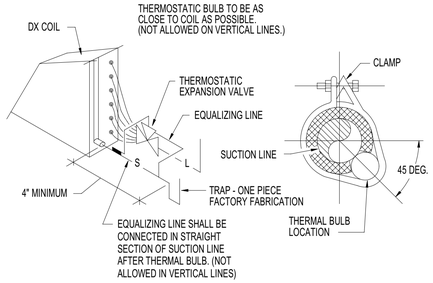
M3.1

3/20/2023 2:51:54 PM 21063-JCC COTTAGES M&P_detached.rvt

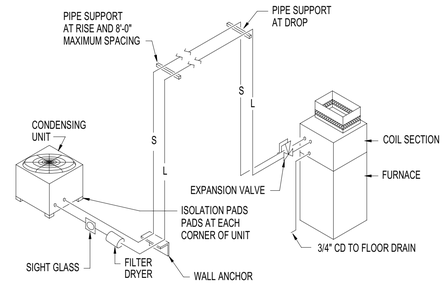
Approved
Star of Idaho Energy
Date: 6/01/2023
Permit #: 2023-0000
Plan Reviewer: DBS
This approval is for the energy conservation measures contained in these plans and specifications only. It does not include other aspects of construction. The approval is valid for construction only at the location noted. Any changes must be submitted for review and approval prior to construction. Approval does not include field verification of site conditions.
This is not a building permit

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLEXIBLE CONNECTION		REFRIGERANT SHUT-OFF VALVE
	FILTER DRYER		EXPANSION VALVE
	ROOF PENETRATION		MOISTURE INDICATING SIGHT GLASS
	EXTERIOR PIPE SUPPORT	L	LIQUID LINE
	WALL ANCHOR	S	SUCTION LINE
	SUSPENDED PIPE SUPPORT		TRAP - ONE PIECE FACTORY FABRICATED
	CONDENSING UNIT		DX COOLING COIL

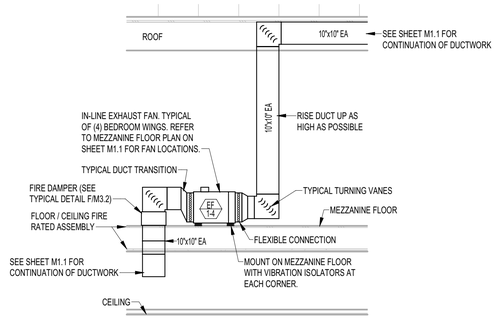
A REFRIGERANT PIPING LEGEND — NO SCALE



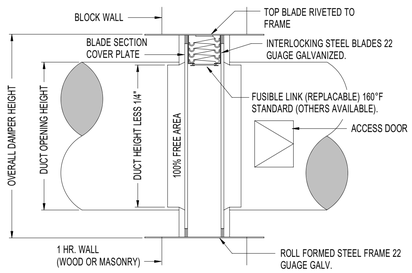
B REFRIGERANT COIL CONNECTION DETAIL — NO SCALE



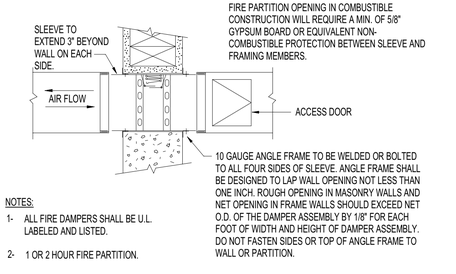
C REFRIGERANT PIPING DIAGRAM — NO SCALE



D IN-LINE EXHAUST FAN DETAIL — NO SCALE

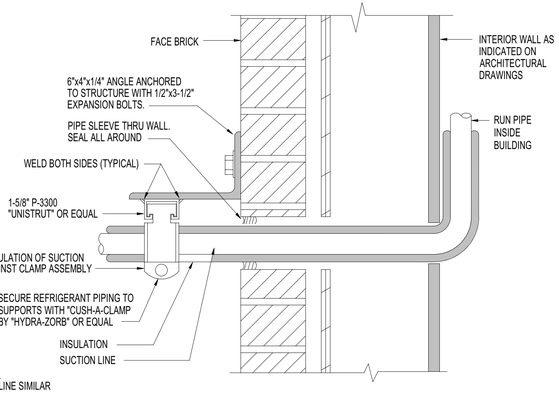


E ROUND DUCT FIRE DAMPER DETAIL — NO SCALE



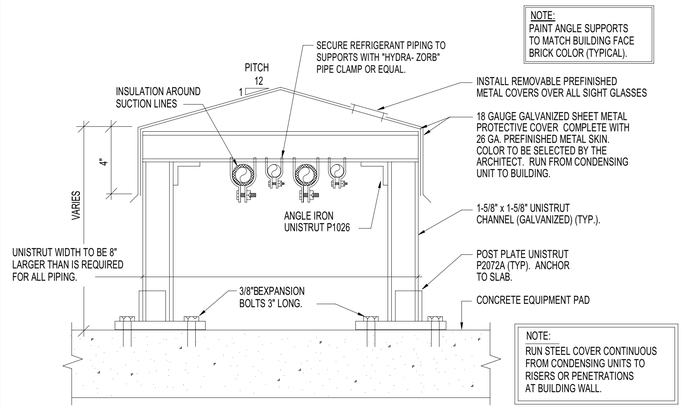
NOTES:
1- ALL FIRE DAMPERS SHALL BE U.L. LABELED AND LISTED.
2- 1 OR 2 HOUR FIRE PARTITION.

F RECANGULAR DUCT FIRE DAMPER DETAIL — NO SCALE

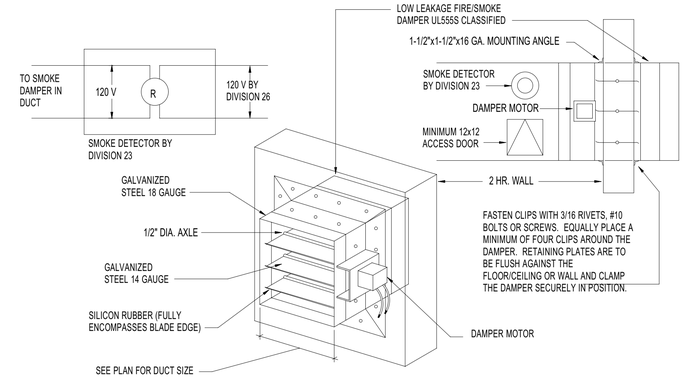


NOTE:
LIQUID LINE SIMILAR

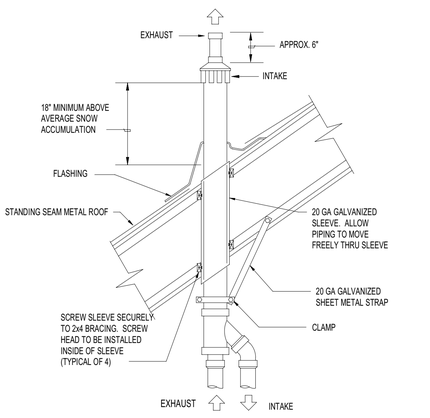
G REFRIGERANT PIPE SUPPORT AT WALL — NO SCALE



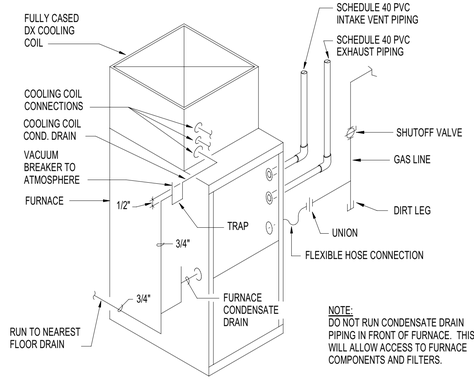
H REFRIGERANT PIPE SUPPORT AND COVER DETAIL — NO SCALE



J RECTANGULAR DUCT SMOKE DAMPER DETAIL — NO SCALE



K CONCENTRIC VENT TERMINATION DETAIL — NO SCALE



L FURNACE PIPING DIAGRAM — NO SCALE

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
MECHANICAL DETAILS

PROFESSIONAL ENGINEER — 18184 — 12/30/22 — STATE OF IDAHO — DAVID L. HANSEN

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:
M3.2

Approved
Shoshone-Idaho Joint School District No. 312
Per Rights-of-Way Encroachment Permit
Permit No. 23-0000
Date: 6/1/2023
Signature: [illegible]
The approval of plans by the Shoshone-Idaho Joint School District No. 312 does not constitute approval of any violation of any applicable code, ordinance, or regulation. The approval of plans by the Shoshone-Idaho Joint School District No. 312 does not relieve the owner, contractor, or their agents of the responsibility to comply with all applicable codes, ordinances, and regulations.
This is not a building permit

MECHANICAL LEGEND

SYMBOL	DESCRIPTION (NOT ALL SYMBOLS MAY BE USED)
AFF	ABOVE FINISHED FLOOR
CHD	HAND DAMPER WITH CEILING QUADRANT CONTROL
EA	EXHAUST AIR
FD	FIRE DAMPER
HD	HAND DAMPER
L	LIQUID LINE (REFRIGERANT PIPING)
OA	OUTSIDE AIR
RA	RETURN AIR
REFR	REFRIGERANT
SA	SUPPLY AIR
S	SUCTION LINE (REFRIGERANT PIPING)
VFD	VARIABLE FREQUENCY DRIVE
(S)	REMOTE SENSOR
(T)	ELECTRONIC THERMOSTAT
1	PLAN NOTE
EF 1	EQUIPMENT SYMBOL
CD	CONDENSATE DRAIN LINE
	GATE VALVE
	BALL VALVE
	CHECK VALVE
	GAS PRESSURE REGULATOR
	PIPE DROP
	PIPE RISE
L	REFRIGERANT LIQUID LINE
S	REFRIGERANT SUCTION LINE
	LOCAL ATC PANEL
	CONDENSING UNIT
	FURNACE OR FAN COIL UNIT
	ELECTRIC WALL HEATER
	CEILING MOUNTED EXHAUST FAN WITH 6" Dia. DUCT
	IN-LINE EXHAUST FAN
	SIDEWALL REGISTER (SUPPLY AIR)
	SIDEWALL REGISTER (RETURN OR EXHAUST AIR)
HD	HAND DAMPER
FD	FIRE DAMPER AND ACCESS
MD	MOTORIZED DAMPER
	BRANCH DUCT WITH SHOE TYPE FITTING
	BRANCH DUCT WITH BALANCING DAMPER
	TURNING VANES
	DUCT TRANSITION

FURNACE SCHEDULE

SYMBOL	TYPE	DESIGN CFM	O.A. CFM	SP. E	H.P.	CHAR.	BTU RATINGS INPUT	BTU RATINGS OUTPUT	EAT	LAT	GAS LINE SIZE	VENT	GAS TYPE	REMARKS *
F 1	UP-FLOW	1940	550	.75"	1	120/60/1	110,000	106,000	65 Deg. F	107 Deg. F	3/4"	(2) 3" Dia.	NAT.	LENNOX MODEL ML195UH110XP60C WITH MATCHING 5 TON DX COOLING COIL
F 2	UP-FLOW	1900	400	.75"	1	120/60/1	110,000	106,000	65 Deg. F	108 Deg. F	3/4"	(2) 3" Dia.	NAT.	LENNOX MODEL ML195UH110XP60C WITH MATCHING 5 TON DX COOLING COIL
F 3	UP-FLOW	1650	550	.75"	1/2	120/60/1	110,000	105,000	65 Deg. F	110 Deg. F	3/4"	(2) 3" Dia.	NAT.	LENNOX MODEL ML195UH110XP48C WITH MATCHING 4 TON DX COOLING COIL
F 4	UP-FLOW	1400	550	.75"	1/2	120/60/1	110,000	105,000	65 Deg. F	110 Deg. F	1/2"	(2) 3" Dia.	NAT.	LENNOX MODEL ML195UH110XP48C WITH MATCHING 4 TON DX COOLING COIL
F 5	UP-FLOW	1900	400	.75"	1	120/60/1	110,000	106,000	65 Deg. F	108 Deg. F	1/2"	(2) 3" Dia.	NAT.	LENNOX MODEL ML195UH110XP60C WITH MATCHING 5 TON DX COOLING COIL
F 6	UP-FLOW	1400	500	.75"	1/2	120/60/1	110,000	105,000	65 Deg. F	110 Deg. F	1/2"	(2) 3" Dia.	NAT.	LENNOX MODEL ML195UH110XP48C WITH MATCHING 4 TON DX COOLING COIL

CONDENSING UNIT SCHEDULE

SYMBOL	BTU RATING	EAT	CHAR.	MCA	MCOP	REFRIGERANT PIPING LIQUID	REFRIGERANT PIPING SUCTION	MINIMUM CLEARANCES TYPE	MINIMUM CLEARANCES SIDES	MINIMUM CLEARANCES TOP	REMARKS *
CU 1	60,000	95 Deg. F	208/60/1	34.6	60	3/8"	1-1/8"	410a	24"	36"	LENNOX MODEL 13ACX-60 WITH LOW AMBIENT "HARD-START" KIT. MOUNT ON CONCRETE PAD WITH 1" THICK NEOPRENE PADS UNDER EACH CORNER.
CU 2	60,000	95 Deg. F	208/60/1	34.6	60	3/8"	1-1/8"	410a	24"	36"	LENNOX MODEL 13ACX-60 WITH LOW AMBIENT "HARD-START" KIT. MOUNT ON CONCRETE PAD WITH 1" THICK NEOPRENE PADS UNDER EACH CORNER.
CU 3	48,000	95 Deg. F	208/60/1	28.9	50	3/8"	7/8"	410a	24"	36"	LENNOX MODEL 13ACX-48 WITH LOW AMBIENT "HARD-START" KIT. MOUNT ON CONCRETE PAD WITH 1" THICK NEOPRENE PADS UNDER EACH CORNER.
CU 4	42,000	95 Deg. F	208/60/1	25.3	40	3/8"	7/8"	410a	24"	36"	LENNOX MODEL 13ACX-42 WITH LOW AMBIENT "HARD-START" KIT. MOUNT ON CONCRETE PAD WITH 1" THICK NEOPRENE PADS UNDER EACH CORNER.
CU 5	60,000	95 Deg. F	208/60/1	34.6	60	3/8"	1-1/8"	410a	24"	36"	LENNOX MODEL 13ACX-60 WITH LOW AMBIENT "HARD-START" KIT. MOUNT ON CONCRETE PAD WITH 1" THICK NEOPRENE PADS UNDER EACH CORNER.
CU 6	42,000	95 Deg. F	208/60/1	25.3	40	3/8"	7/8"	410a	24"	36"	LENNOX MODEL 13ACX-42 WITH LOW AMBIENT "HARD-START" KIT. MOUNT ON CONCRETE PAD WITH 1" THICK NEOPRENE PADS UNDER EACH CORNER.

VENTILATION CALCULATIONS

SYSTEM	AREA SERVED	SQ. FT.	OCCUPANCY / 1000 SQ. FT.	DEFAULT OCCUPANCY	REQ'D CFM PER PERSON	TOTAL CFM PER PERSON	FIXTURE COUNT	CFM PER FIXTURE	TOTAL CFM FIXTURES	CFM PER SQ. FT.	TOTAL CFM SQ. FT.	TOTAL CFM PER SPACE	ACTUAL CFM PER SPACE	
F 1	STAFF ROOM 113	323	10	3	5	15	0	0	0	0.06	20	35	40	TOTAL O.A. PROVIDED FOR F-1 SYSTEM = 550 CFM
	UTILTIY 114	91	0	0	0	0	0	0	0	0.12	11	11	20	
	STAFF TR 115	56	0	0	0	0	1	70	70	0.06	4	74	80	
	LAUNDRY 118A	145	10	2	25	50	0	0	0	0.00	0	50	50	
	SHOWERS 145-147	49 x 3	0	0	0	0	1 x 3	20	60	0.00	0	60	60	
	BEDROOMS 148-151	90 x 4	25	2 x 4	5	40	1 x 4	50	200	0.12	44	284	300	
F 2	DAY ROOM	1634	30	49	5	245	0	0	0	0.06	98	343	400	TOTAL O.A. PROVIDED FOR F-2 SYSTEM = 400 CFM
F 3	LOBBY 101	299	10	3	5	15	0	0	0	0.06	18	33	40	TOTAL O.A. PROVIDED FOR F-3 SYSTEM = 550 CFM
	FIRE RISER RM 104	65	0	0	0	0	0	0	0	0.12	8	8	10	
	CORRIDOR 115	1026	0	0	0	0	0	0	0	0.06	62	62	70	
	UNIT MANAGER 119	184	15	3	5	15	0	0	0	0.06	11	26	30	
	BEDROOMS 139-144	90 x 6	25	2 x 6	5	60	1 x 6	50	300	0.12	64	394	400	
F 4	STORAGE 102	65	0	0	0	0	0	0	0	0.06	4	4	10	TOTAL O.A. PROVIDED FOR F-4 SYSTEM = 550 CFM
	CLINICIAN 106	184	5	1	5	5	0	0	0	0.06	17	22	40	
	DISPENSARY 107	62	5	1	5	0	0	0	0	0.12	8	13	30	
	CUSTODIAL 108	89	0	0	0	0	0	0	0	0.12	11	11	20	
	BEDROOMS 1123-128	90 x 6	25	2 x 6	5	60	1 x 6	50	300	0.12	66	426	450	
F 5	DAY ROOM	1611	30	48	5	240	0	0	0	0.06	97	337	400	TOTAL O.A. PROVIDED FOR F-5 SYSTEM = 400 CFM
F 6	GROUP LEADER 109	148	15	3	5	15	0	0	0	0.06	9	24	30	TOTAL O.A. PROVIDED FOR F-6 SYSTEM = 500 CFM
	GROUP ROOM 111	228	15	4	5	20	0	0	0	0.06	14	34	40	
	STAFF TR 115	56	0	0	0	0	1	70	70	0.06	4	74	80	
	BEDROOMS 129-132	90 x 4	25	2 x 4	5	40	1 x 4	50	200	0.12	44	284	290	
	SHOWERS 133-135	49 x 3	0	0	0	0	1 x 3	20	60	0.00	0	60	60	

EXHAUST FAN SCHEDULE

SYMBOL	TYPE	CFM	SP. E.	WATTS / HP	CHAR	RPM	CONTROL	REMARKS *
EF 1	IN-LINE	420	.50"	1/6 HP	120/60/1	1650	CONTINUOUS	TWIN CITY MODEL DSI080AE WITH ECM MOTOR AND BACK-DRAFT DAMPER
EF 2	IN-LINE	420	.50"	1/6 HP	120/60/1	1650	CONTINUOUS	TWIN CITY MODEL DSI080AE WITH ECM MOTOR AND BACK-DRAFT DAMPER
EF 3	IN-LINE	490	.50"	1/6 HP	120/60/1	1750	CONTINUOUS	TWIN CITY MODEL DSI080AE WITH ECM MOTOR AND BACK-DRAFT DAMPER
EF 4	IN-LINE	490	.50"	1/6 HP	120/60/1	1750	CONTINUOUS	TWIN CITY MODEL DSI080AE WITH ECM MOTOR AND BACK-DRAFT DAMPER
EF 5	CEILING MOUNTED	90	.25"	87 W	120/60/1	640	WITH LIGHTS	TWIN CITY MODEL T100 WITH BACK-DRAFT DAMPER AND 6" Dia. DUCT UP TO ROOF CAP.

GRILLE AND REGISTER SCHEDULE

SYMBOL	DIFFUSER SIZE	CFM RANGE	THROW	CONSTR.	FINISH	BRANCH DUCT	OBD	F.D.	MAX. NC	REMARKS *
CD-1	12 x 12	50-400	4-WAY	STEEL	WHITE	10" Dia.	NO	NO	20	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
CD-2	12 x 12	50-400	4-WAY	STEEL	WHITE	10" Dia.	YES	NO	20	PRICE MODEL SMD WITH BEVELED FRAME ATTACH WITH SECUTIRY SCREWS
CD-3	8 x 8	50-150	N.A.	STEEL	WHITE	8" Dia.	YES	NO	20	PRICE MODEL MSPG WITH PERFORATED FACE AND 4-SIDE MOUNTING FRAME
CD-4	9 x 9	50-199	3-WAY	STEEL	WHITE	8" Dia.	YES	NO	20	PRICE MODEL SMD WITH BEVELED FRAME ATTACH WITH SECURITY SCREWS
CD-5	12 x 12	50-400	3-WAY	STEEL	WHITE	10" Dia.	YES	NO	20	PRICE MODEL SMD WITH BEVELED FRAME ATTACH WITH SECURITY SCREWS
ER-1	8 x 8	50-150	N.A.	STEEL	WHITE	8 x 8	NO	NO	25	PRICE MODEL MSPG WITH PERFORATED FACE AND 4-SIDE MOUNTING FRAME
OL-1	8 x 8	50-150	N.A.	STEEL	WHITE	8 x 8	NO	NO	25	PRICE MODEL MSPG WITH PERFORATED FACE AND 4-SIDE MOUNTING FRAME
RG-1	12 x 12	50-400	N.A.	STEEL	WHITE	10 x 8	NO	NO	20	PRICE MODEL 535 WITH NARROW FRAME ATTACH WITH SECURITY SCREWS
RG-2	12 x 12	50-400	N.A.	STEEL	WHITE	10 x 8	NO	NO	20	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
RG-3	8 x 8	50-200	N.A.	STEEL	WHITE	8 x 8	NO	NO	20	PRICE MODEL MSPG WITH PERFORATED FACE AND 4-SIDE MOUNTING FRAME
RG-4	18 x 18	400-800	N.A.	STEEL	WHITE	18 x 10	NO	NO	20	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
RG-5	18 x 18	400-800	N.A.	STEEL	WHITE	18 x 10	NO	NO	25	PRICE MODEL 535
SR-1	18 x 10	400-600	N.A.	STEEL	WHITE	18 x 10	YES	NO	20	PRICE MODEL 520DL WITH OPPOSED BLADE DAMPER AND NARROW MOUNTING FRAME

ENERGY RECOVERY VENTILATION UNIT SCHEDULE

SYMBOL	EXHAUST AIR SECTION CFM	EXHAUST AIR SECTION SP. E.	EXHAUST AIR SECTION H.P.	OUTSIDE AIR SUPPLY SECTION CFM	OUTSIDE AIR SUPPLY SECTION SP. E.	OUTSIDE AIR SUPPLY SECTION H.P.	CHAR.	MCA	MCOP	WEIGHT	REMARKS *
ERV 1	1400	.50"	3	2950	.50"	3	208/230/60/3	33.1	40	1000#	RENEW AIR MODEL HE3XINV INTERIOR UNIT

FAN COIL SPLIT SYSTEM A/C UNIT SCHEDULE

INDOOR UNIT SYMBOL	CFM	BTU	CHAR.	MCA	MANUFACTURER *	OUTDOOR UNIT SYMBOL	BTU	MCA	CHAR.	SEER	MANUFACTURER *	REFRIG LINES LIQUID	REFRIG LINES SUCTION
FC 1A	700-900	24,000	208/60/1	1	MITSUBISHI PKA-A24KA7	FC 1B	24,000	25	208/60/1	17	MITSUBISHI PUYA24NHA7 WITH LOW AMBIENT "HARD-START" KIT	3/8"	5/8"

* REFER TO DIVISION 23 SPECIFICATIONS FOR APPROVED MANUFACTURERS.

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MECHANICAL SCHEDULES

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
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FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

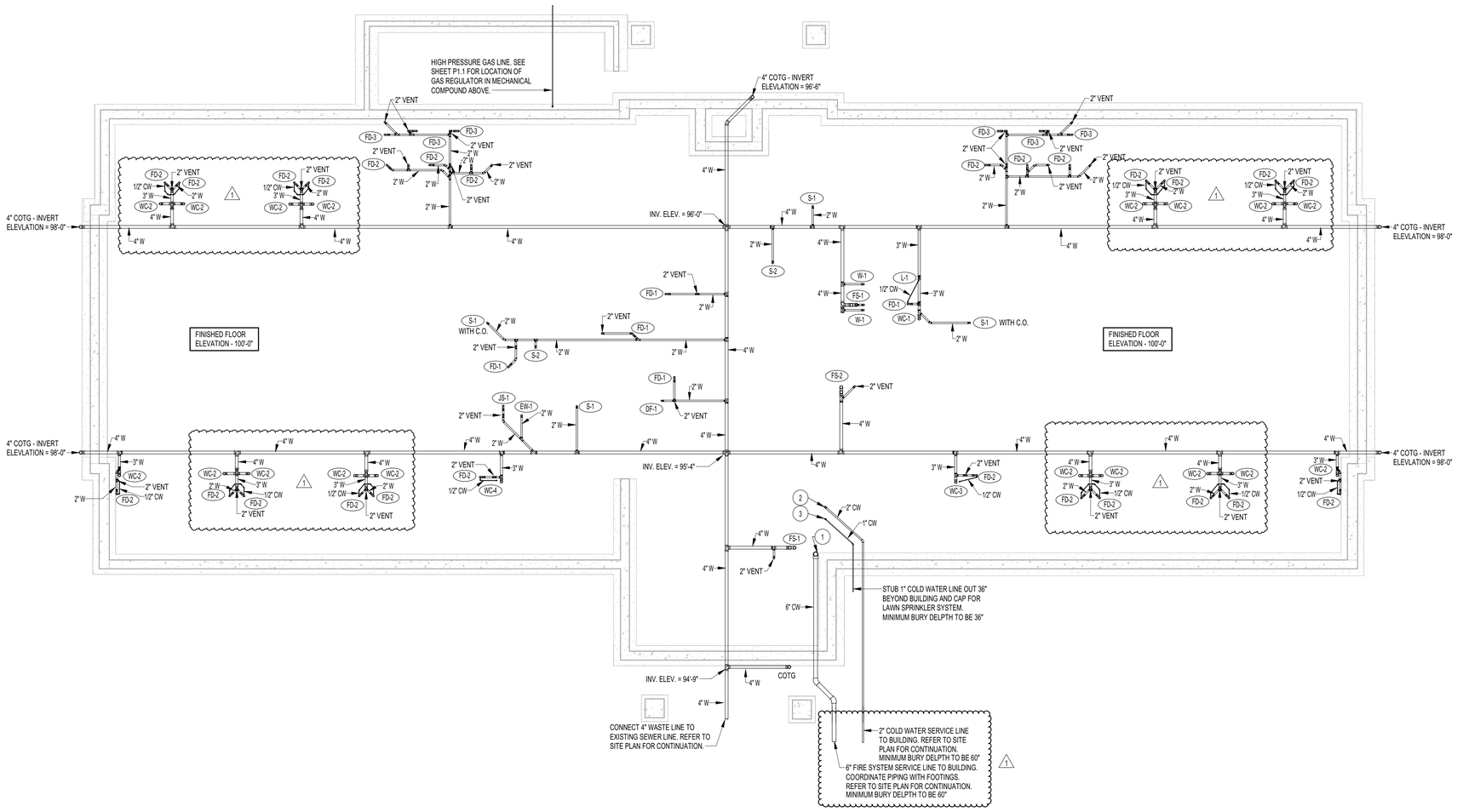
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:

M3.3

Approved
Shelley Idaho Building Safety
Date: 6/01/2023
By: Building Official
Permit Required Inspections
Inspections will be performed as noted. Inspection requests must be made 24 hours prior to the inspection. Work requiring inspection shall not be covered or concealed until approved. The approved plans must be kept on site at all times during inspections. Approval of plans does not authorize violations of any codes, ordinances, laws or regulations.
This is not a building permit!

1a



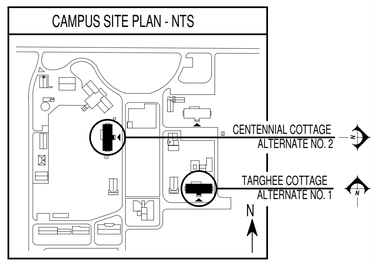
P0.1 PLUMBING FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. RISE 6" FIRE WATER SERVICE LINE UP IN FIRE RISER ROOM AND CONNECT TO FIRE RISER AND ALARM VALVE ASSEMBLY ABOVE. REFER TO FIRE RISER DETAIL K/P3.2 FOR TYPICAL INSTALLATION OF VERTICAL FIRE RISER AND ALARM VALVE. COORDINATE PIPING AND VALVE LOCATIONS WITH BUILDING STRUCTURE.
2. RISE 2" DOMESTIC COLD WATER SERVICE LINE UP THRU FLOOR AND CONNECT TO PRESSURE REDUCING AND BACK-FLOW PREVENTION STATION ABOVE. REFER TO DETAIL K/P3.1 FOR TYPICAL PIPING CONNECTIONS. COORDINATE ALL DOMESTIC WATER, WASTE AND VENT PIPING WITH OTHER TRADES AND WITH BUILDING STRUCTURE.
3. DROP 1" COLD WATER LINE DOWN THRU FLOOR AND RUN TO EXTERIOR OF BUILDING AS SHOWN FOR IRRIGATION SYSTEM. REFER TO DETAIL K/P3.1 FOR TYPICAL CONNECTION TO WATER MAIN INSIDE FIRE RISER ROOM.

CAMPUS SITE PLAN - NTS



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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
PLUMBING FOUNDATION PLAN

PROFESSIONAL ENGINEER
P-18184
12/30/22
STATE OF IDAHO
DAVID L. HANSEN

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

REVISIONS

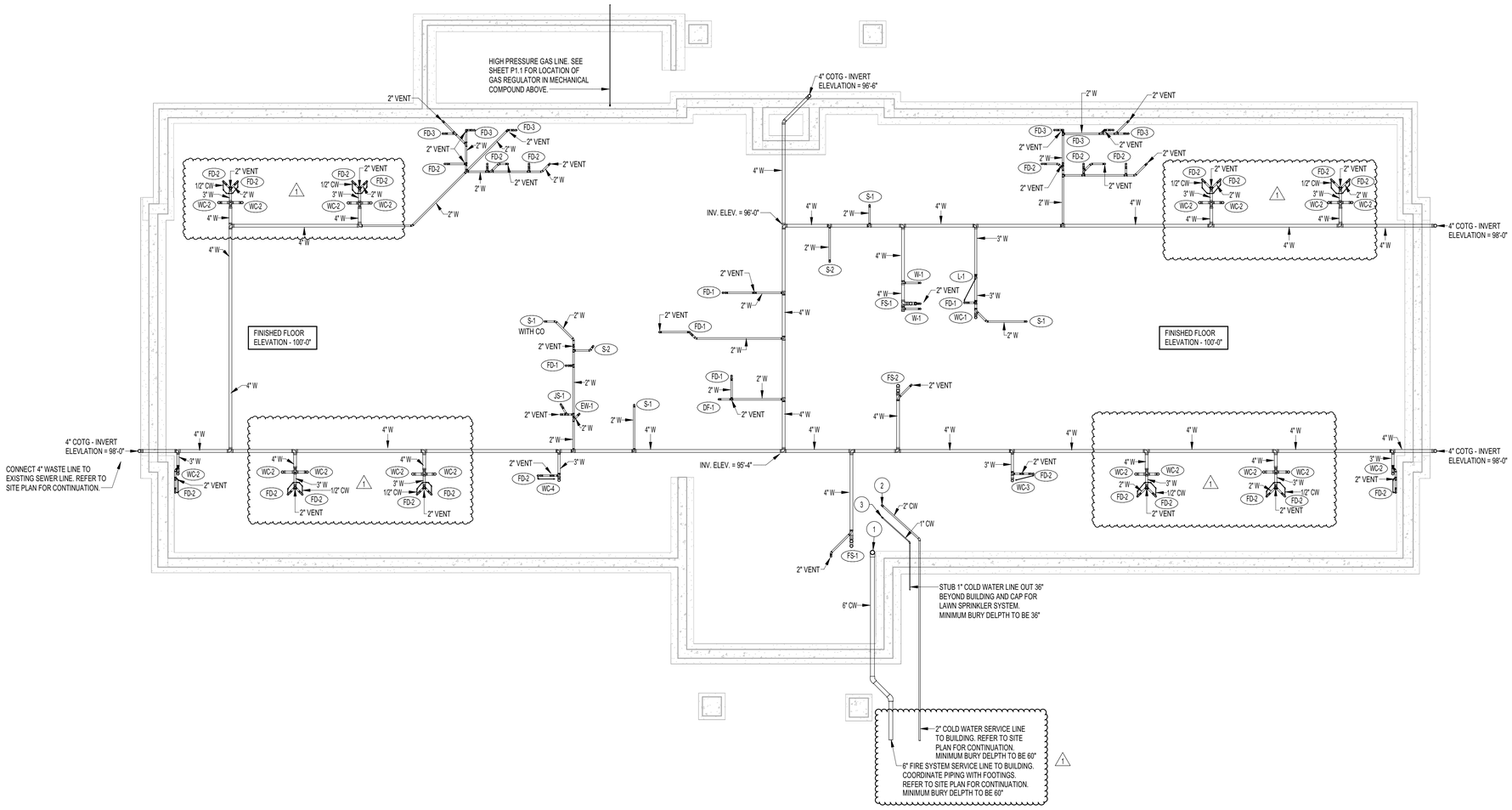
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:
P0.1

5/24/2023 4:16:32 PM 21063-JCC COTTAGES M&P_detached.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review - COOP
Plan review is based upon the applicable codes adopted by the jurisdiction listed above. The review does not prevent the building official from requiring corrections to plans, construction or occupancy not in compliance with adopted codes. The approval is valid for one year from date approved.
This is not a building permit

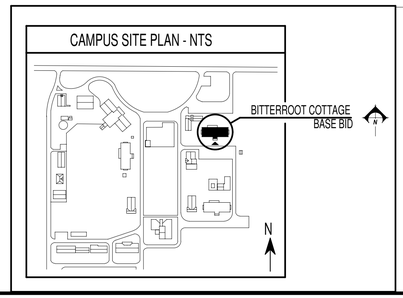


P0.2 PLUMBING FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. RISE 6" FIRE WATER SERVICE LINE UP IN FIRE RISER ROOM AND CONNECT TO FIRE RISER AND ALARM VALVE ASSEMBLY ABOVE. REFER TO FIRE RISER DETAIL K/P3.2 FOR TYPICAL INSTALLATION OF VERTICAL FIRE RISER AND ALARM VALVE. COORDINATE PIPING AND VALVE LOCATIONS WITH BUILDING STRUCTURE.
2. RISE 2" DOMESTIC COLD WATER SERVICE LINE UP THRU FLOOR AND CONNECT TO PRESSURE REDUCING AND BACK-FLOW PREVENTION STATION ABOVE. REFER TO DETAIL K/P3.1 FOR TYPICAL PIPING CONNECTIONS. COORDINATE ALL DOMESTIC WATER, WASTE AND VENT PIPING WITH OTHER TRADES AND WITH BUILDING STRUCTURE.
3. DROP 1" COLD WATER LINE DOWN THRU FLOOR AND RUN TO EXTERIOR OF BUILDING AS SHOWN FOR IRRIGATION SYSTEM. REFER TO DETAIL K/P3.1 FOR TYPICAL CONNECTION TO WATER MAIN INSIDE FIRE RISER ROOM.



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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
PLUMBING FOUNDATION PLAN

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

PROFESSIONAL ENGINEER
P-18184
12/30/22
STATE OF IDAHO
DAVID L HANSEN

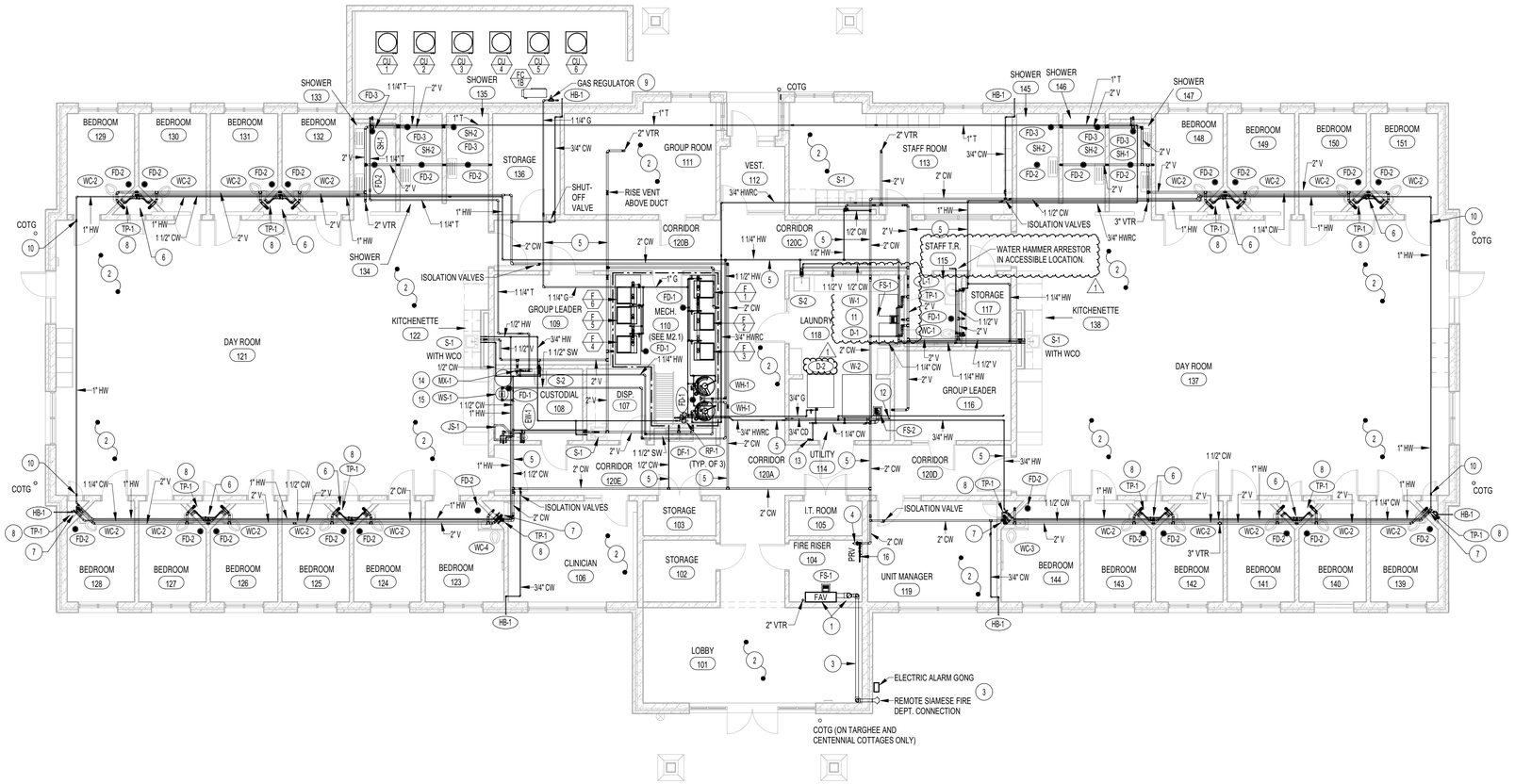
REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

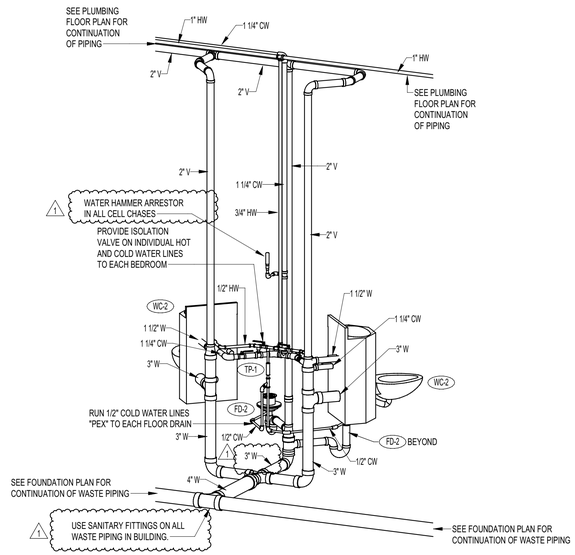
DRAWING NO.:
P0.2

Approved
Structures Idaho
Bonneville County
Development Services
For Building Code Compliance
Reviewed By: cdolph
Date: 6/1/2023
This approval is for the structural, energy, and fire protection systems only and does not include any other code requirements. The approval shall not be construed to be a permit for, or an approval of, any violation of any provisions of the building, plumbing, electrical, mechanical codes, ordinances, or laws.
This is not a building permit



PLUMBING FLOOR PLAN

SCALE: 1/8" = 1'-0"



1 BEDROOM CHASE PIPING ISOMETRIC

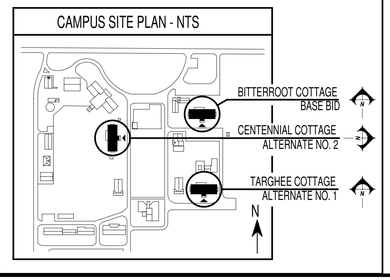
PLAN NOTES:

1. RISE 6" FIRE WATER SERVICE LINE UP IN FIRE RISER ROOM AND CONNECT TO FIRE RISER AND ALARM VALVE ASSEMBLY. REFER TO FIRE RISER DETAIL E/P3.2 FOR TYPICAL INSTALLATION OF VERTICAL FIRE RISER AND ALARM VALVE. COORDINATE PIPING AND VALVE LOCATIONS WITH BUILDING STRUCTURE.
2. ENTIRE BUILDING TO BE FIRE SPRINKLED TO MEET NFPA13 CODE REQUIREMENTS. FIRE SPRINKLER PIPING AND HEADS ARE TO COORDINATED WITH ALL OTHER TRADES. FIRE PIPING TO ROUTE AROUND DUCTWORK. PROVIDE 'DRY' HEADS WHERE AREAS ARE PRONE TO FREEZING CONDITIONS. (32 DEGREES OR BELOW.) REFER TO DETAILS ON SHEET P3.2 FOR TYPICAL PIPING SUPPORTS AND COORDINATION WITH LIGHT FIXTURES AND DIFFUSERS.
3. RISE FIRE DEPARTMENT CONNECTION LINE UP ABOVE CEILING TO RUN TO REMOTE LOCATION AS SHOWN. PROVIDE SIAMESE FIRE DEPARTMENT AND ELECTRIC ALARM ON EXTERIOR WALL.
4. RISE 2" DOMESTIC COLD WATER SERVICE LINE UP THRU FLOOR AND CONNECT TO PRESSURE REDUCING AND BACK-FLOW PREVENTION STATION. REFER TO DETAIL K/P3.1 FOR TYPICAL PIPING CONNECTIONS. RISE PIPING UP ABOVE CEILING AS RUN TO FIXTURES IN BUILDING AS SHOWN. COORDINATE ALL DOMESTIC WATER, WASTE AND VENT PIPING WITH OTHER TRADES AND WITH BUILDING STRUCTURE.
5. WATER AND VENT PIPING TO BE RUN BELOW MEZZANINE WALKWAY. COORDINATE WITH DUCTWORK AND WITH LIGHT FIXTURES. REFER MEZZANINE PLAN ON SHEET M1.1 FOR LOCATION OF WALKWAY ON MEZZANINE LEVEL.
6. DROP SINGLE 1-1/2" COLD WATER LINE AND SINGLE 3/4" HOT WATER LINE DOWN IN PIPING CHASE FOR BACK-TO-BACK BEDROOMS. CONNECT HOT AND COLD WATER LINES TO FIXTURES WITH SEPARATE ISOLATION VALVES FOR EACH BEDROOM. COORDINATE PIPING IN CHASE WITH DUCTWORK. REFER TO SHEET M1.1 FOR DUCTWORK IN CHASES.
7. DROP SINGLE 1" COLD WATER LINE AND SINGLE 1/2" HOT WATER LINES DOWN IN PIPING CHASE FOR SINGLE BEDROOMS. CONNECT HOT AND COLD WATER LINES TO FIXTURES AND PROVIDE ISLOATION VALVES IN CHASE. COORDINATE PIPING IN CHASE WITH DUCTWORK. REFER TO SHEET M1.1 FOR DUCTWORK IN CHASE.
8. PROVIDE TRAP PRIMER IN 1/2" COLD WATER LINE OF FIXTURE. DROP 1/2" COLD WATER LINE DOWN AND RUN TO FLOOR DRAIN FOR TRAP PRIMER. REFER TO DETAIL L/P3.1 FOR TYPICAL INSTALLATION. USE SINGLE TRAP PRIME IN EACH CHASE. CONNECT TO (2) DRAINS AS REQUIRED.
9. RISE HIGH PRESSURE GAS LINE UP THRU SLAB. PROVIDED AND INSTALLED PRESSURE REGULATOR IN LINE. SIZE REGULATOR TO 1,500,000 BTU WITH 2 PSI DISCHARGE PRESSURE. REFER TO GAS PIPING CALCULATIONS ON THIS SHEET FOR EXACT SIZING REQUIREMENTS FOR INDIVIDUAL EQUIPMENT.
10. RISE HOT WATER PIPING UP IN FURRED WALL TO ABOVE LOWERED CEILING IN DAY ROOMS. COORDINATE PIPING THRU LOWERED CEILINGS WITH DUCTWORK. REFER TO SHEET M1.1 FOR DUCTWORK.
11. CONNECT WATER AND WASTE LINES FROM COMBO WASHER/DRYER UNITS TO PIPING IN WASHER BOX. LOCATE WASHER BOX IN ACCESSIBLE LOCATION IN WALL BEHIND UNITS. REFER TO DETAIL D/P3.1 FOR TYPICAL WASHER BOX INSTALLATION.
12. DROP 3/4" CONDENSATE DRAIN LINE DOWN TO FLOOR SINK.
13. ROUGH-IN AND CONNECT 3/4" COLD WATER LINE FOR LAUNDRY LIQUID DISPENSING SYSTEM. PROVIDE SHUT-OFF VALVE IN LINE.
14. PROVIDE HOT WATER MIXING VALVE FOR HOT WATER TO SHOWERS AS SHOWN IN DETAIL G/P3.3. MIXING VALVE TO BE LOCATED AT 4' ABOVE FLOOR AND TO BE INSIDE LOCKING METAL BOX. COORDINATE BOX LOCATION WITH WATER SOFTENER AND SINK IN THIS AREA AND MAINTAIN ACCESS TO MIXING VALVE.
15. INSTALL SINGLE TANK WATER SOFTENER AS SCHEDULED WITH SINGLE BRINE TANK. REFER TO PLUMBING FIXTURE SCHEDULE AND TO PIPING DIAGRAM H/P3.2 FOR INSTALLATION AND PIPING CONNECTIONS.
16. CONNECT 1" COLD WATER TO 2" MIAN LINE AND DROP DOWN THRU FLOOR FOR LAWN SPRINKLING SYSTEM. SEE SHEET P0.1 AND P0.2 FOR CONTINUATION. REFER TO DETAIL K/P3.1 FOR TYPICAL CONNECTION TO WATER MAIN INSIDE FIRE RISER ROOM.

GAS PIPING CALCULATIONS

F1	110,000 BTU
F2	110,000 BTU
F3	110,000 BTU
F4	110,000 BTU
F5	110,000 BTU
F6	110,000 BTU
WH-1	199,000 BTU
WH-1	199,000 BTU
GAS DRYER LOAD	175,000 BTU
TOTAL EQUIPMENT LOAD	1,233,000 BTU
BTU PER CU. FT.	1,000 BTU
TOTAL DESIGNLOAD	1,500 CFH
DEVELOPED LENGTH OF PIPING	150 FEET
DISCHARGE PRESSURE	2 psi
GAS LINE SIZE	1-1/4"

CAMPUS SITE PLAN - NTS



PROFESSIONAL ENGINEER
P-18184
12/30/22
STATE OF IDAHO
DAVID L. HANSEN

Engineered Systems Associates
1355 EAST CENTER
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DPW PROJECT NO. 21725
PROJECT: DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445
SHEET TITLE: PLUMBING FLOOR PLAN

REVISIONS		
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

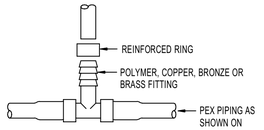
NBW PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: M JENSEN
CHECKED BY: D HANSEN
DRAWING NO.: P1.1

5/24/2023 4:16:43 PM 21063-JCC COTTAGES M&P_detached.rvt

Approved
Structural Idaho
Date: 6/01/23
By: ROBERT COOP
Permit Number: 23-0000
Jurisdiction: BINGHAM COUNTY
This approval applies only to the documents listed above used in the issuance of the permit. The approval is not to be construed as approval of omissions or violations that may exist on the plans. Structural Idaho is not responsible for any building equipment, systems, components, materials, means, methods, techniques, construction, workmanship, or safety.
This is not a building permit

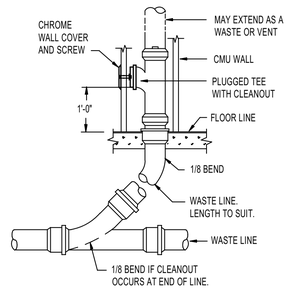
THIS TYPE (COLD EXPANSION) OF FITTING REQUIRES THAT THE PEX PIPING, WITH REINFORCING PEX RING PLACED OVER THE END OF THE END OF THE PIPE, IS EXPANDED BEFORE THE FITTING IS INSERTED INTO THE PIPE END. THE EXPANDED PIPE END IS ALLOWED TO RETRACT ONTO THE FITTING TO FORM THE SEAL. THE MEMORY OF THE PIPE ALLOWS IT TO TIGHTEN OVER THE FITTING. AN EXPANDER TOOL IS REQUIRED TO EXPAND THE PIPE AND THE PEX RING TOGETHER.

ALL JOINTS (TEES. ELBOWS, COUPLINGS, ETC.) ARE JOINTED SIMILARLY.

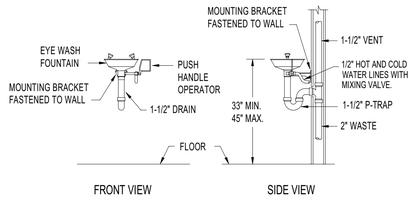


NOTE:
STAINLESS STEEL CAMP BANDS ARE ALSO PERMITTED FOR REINFORCING RING.

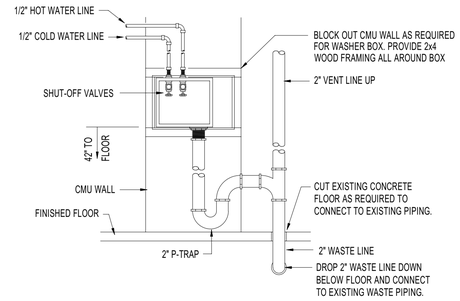
A | PEX PIPE FITTING DETAILS | NO SCALE



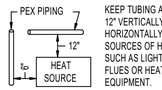
B | WALL CLEANOUT DETAIL | NO SCALE



C | EMERGENCY EYEWASH DETAIL | NO SCALE



D | WASHER BOX PIPING DETAIL | NO SCALE



KEEP TUBING A MINIMUM OF 12" VERTICALLY OR 6" HORIZONTALLY FROM SOURCES OF HIGH HEAT SUCH AS LIGHT FIXTURES, FLUES OR HEATING EQUIPMENT.

NOTE:
USE ONLY CONTINUOUS LENGTH TUBING (NO FITTINGS) WHEN INSTALLING PEX UNDER OR WITHIN A SLAB. PROTECT PEX TUBING WITH NONMETALLIC SLEEVES WHERE IT PENETRATES A SLAB OR FOUNDATION WALL.

MIN. CLEARANCES

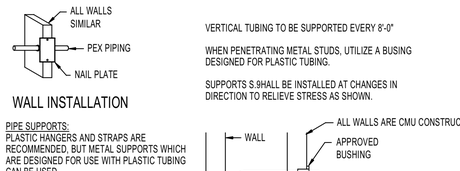
TUBING SIZE	MIN. RADIUS BENDING
3/8"	4"
1/2"	5"
3/4"	7"
1"	9"

DO NOT CRUSH OR KINK TUBING

DO NOTE DRAG TUBING OVER ROUGH TERRAIN, ROCKS, OR ANY SURFACE THAT CAN CUT, PUNCTURE OR DAMAGE TUBING WALL.

TUBING AND FITTINGS SHALL BE STORED UNDERCOVER FOR CLEANLINESS AND TO AVOID EXPOSURE TO SUNLIGHT. CONSULT MANUFACTURER FOR RECOMMENDED LIMITS TO OUTSIDE STORAGE.

E | PEX PIPE HANDLING DETAILS | NO SCALE



WALL INSTALLATION

VERTICAL TUBING TO BE SUPPORTED EVERY 8'-0"

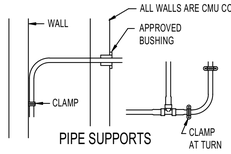
WHEN PENETRATING METAL STUDS, UTILIZE A BUSING DESIGNED FOR PLASTIC TUBING.

SUPPORTS S.SHALL BE INSTALLED AT CHANGES IN DIRECTION TO RELIEVE STRESS AS SHOWN.

PIPE SUPPORTS:
PLASTIC HANGERS AND STRAPS ARE RECOMMENDED, BUT METAL SUPPORTS WHICH ARE DESIGNED FOR USE WITH PLASTIC TUBING CAN BE USED.

DO NOT USE SUPPORTS THAT PINCH OR CUT THE TUBING. SUPPORT SHOULD ALLOW FREE TUBING MOVEMENT.

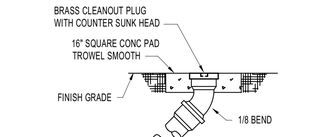
INSPECT ALL SUPPORTS PRIOR TO INSTALLATION TO ENSURE THAT SHARP EDGES DO NOT EXIST THAT CAN DAMAGE THE TUBING.



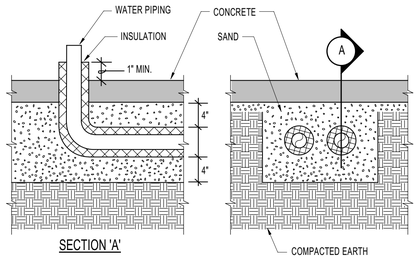
PIPE SUPPORTS

DO NOT USE IN ANY APPLICATION WHERE TUBING WILL BE EXPOSED TO DIRECT SUNLIGHT.

F | PEX PIPE INSTALLATION DETEAILS | NO SCALE



G | CLEANOUT TO GRADE DETAIL | NO SCALE



NOTES:

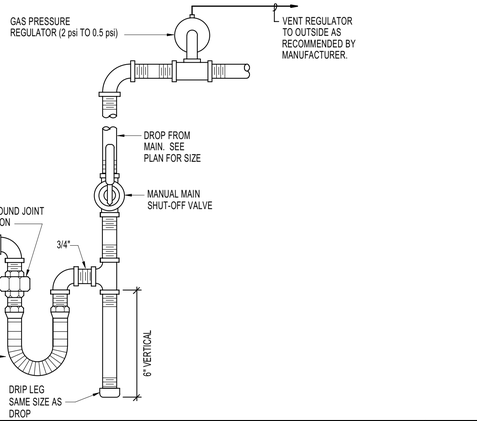
1 - ALL WATER PIPING INSTALLED UNDERFLOOR SHALL BE TYPE "K" COPPER

2 - WATER PIPE INSULATION ON UNDERFLOOR PIPING SHALL BE ARMAFLEX 3/4" THICK RUBBER PIPE INSULATION. TAPE INSULATION AT ALL SEAMS.

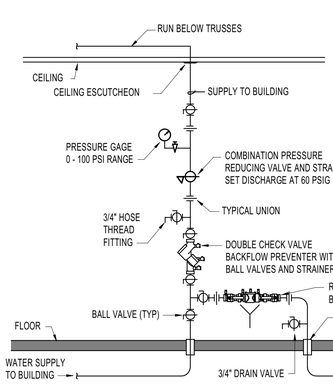
3 - MINIMUM PIPE SIZE UNDERFLOOR SHALL BE 3/4"

4 - SAND FILL AROUND PIPING SHALL BE A MINIMUM OF 4" THICK. MATERIAL SHALL BE HAND TAMPED, RODDED OR LIGHTLY COMPACTED DURING INSTALLATION. CARE SHOULD BE TAKEN NOT TO DEFORM OR OTHERWISE DAMAGE PIPING OR INSULATION.

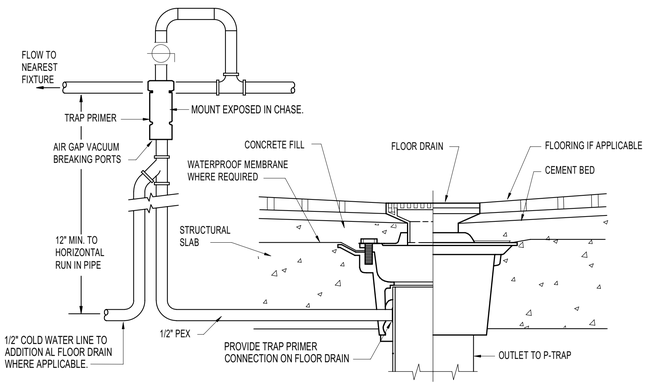
H | UNDER SLAB PIPE INSULATION DETAIL | NO SCALE



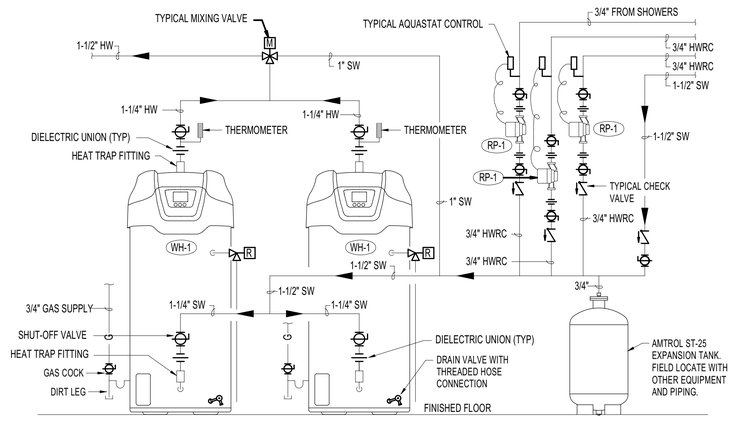
J | GAS LINE CONNECTION DETAIL | NO SCALE



K | VERTICAL WATER PRESSURE REDUCING STATION DETAIL | NO SCALE



L | TRAP PRIMER INSTALLATION AND PIPING DETAIL | NO SCALE



M | GAS FIRED WATER HEATER PIPING SCHEMATIC | NO SCALE

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PLUMBING DETAILS AND DIAGRAMS

PROJECT:

SHEET TITLE:

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 21063

PROFESSIONAL ENGINEER
P-18184
12/30/22
DAVID L HANSEN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

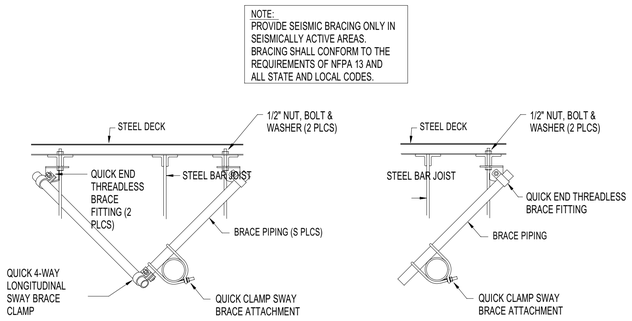
NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:

P3.1

3/20/2023 2:52:10 PM 21063-JCC COTTAGES M&P_detached.rvt

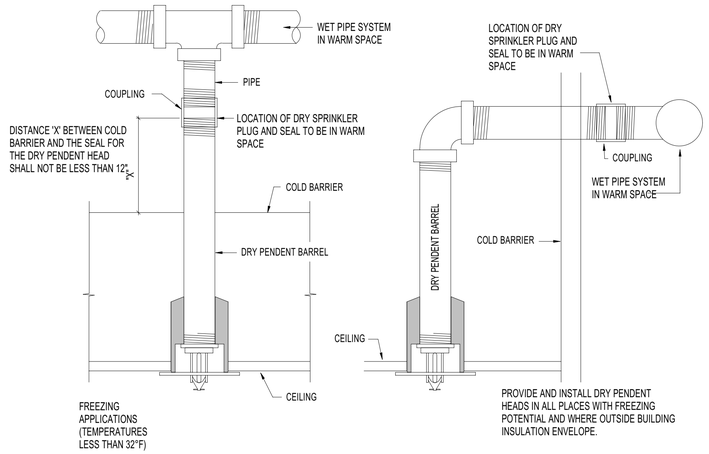
Approved
Structure Idaho, LLC
Date: 6/01/2023
By: Building Official
Permit Number: 20230000
Approved plans must be on site during construction and available for inspection. Inspection requests must be made 24 hours prior to the time inspection is required. The approval of plans does not permit the violation of any section of the building code or other ordinance of the jurisdiction. Any violation of these codes may result in the withdrawal of approval. Approved plans may be changed or modified with approval of the building official. Such approval must be in writing. Revised plans must be submitted for approval before construction work is performed.
This is not a building permit



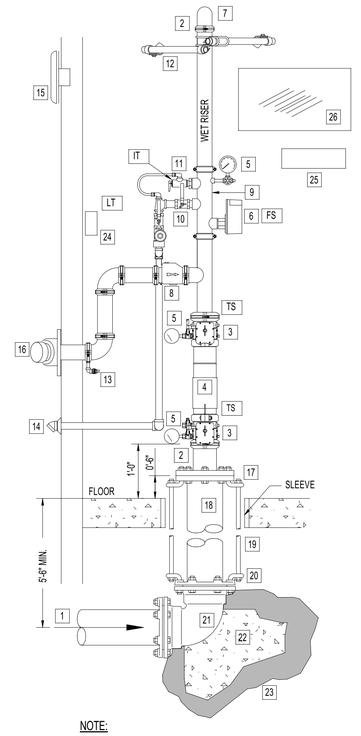
4-WAY SEISMIC BRACE

2-WAY SEISMIC BRACE

A SEISMIC BRACING DETAILS — NO SCALE



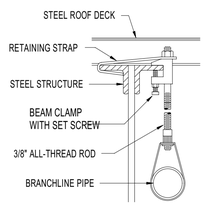
B DRY PENDENT HEAD DETAIL — NO SCALE



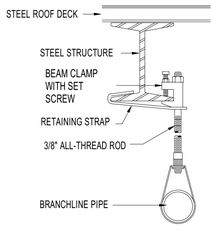
WET RISER DETAIL NOTES

1. WATER SUPPLY FROM CITY WATER MAIN. USE CLASS 53 DUCTILE IRON WHEN CROSSING UNDER BLDG FOUNDATION.
2. USE FLEXIBLE GROOVED PIPE COUPLING ONLY IF SEISMIC BRACING IS REQUIRED. SEE NOTE #12.
3. GROOVED BUTTERFLY VALVE WITH INTEGRAL SUPERVISORY SWITCH.
4. DOUBLE CHECK BACKFLOW PREVENTER WITH RELATED TRIM AND GAUGES.
5. 3-1/2" DIAMETER WATER GAUGE WITH ¼" TEST AND ISOLATION VALVE.
6. VANE TYPE WATER FLOW SWITCH.
7. SUPPLY TO WET PIPE FIRE SPRINKLER SYSTEM.
8. SWING CHECK VALVE.
9. RISER MANIFOLD - INCLUDES PRESURE GAUGE, FLOW SWITCH, PRESSURE RELIEF VALVE, AND TEST AND MAIN DRAIN DEVICE.
10. INSPECTOR'S TEST & MAIN DRAIN DEVICE 'IT' - PIPE TO OUTSIDE.
11. PRESSURE RELIEF VALVE SHALL BE REQUIRED SET AT 175 PSI.- PIPED TO DISCHARGE OUTSIDE.
12. SEISMIC BRACING REQUIRED IN SEISMIC DESIGN CATEGORY C, D, E, F.
13. 1/2" AUTOMATIC BALL DRIP VALVE.
14. PIPE TO DRAIN OUTSIDE.
15. WEATHERPROOF ELECTRIC BELL OR HORN AND STROBE (OUTSIDE).
16. OUT TO FIRE DEPARTMENT CONNECTION WITH GALVANIZED SCH 40 PIPING- PROVIDE BALL DRIP WHEN TRAPPING PIPE. SIZE CONNECTION AS REQUIRED. NOTE: PIPE FDC TO REMOTE LOCATION WHEN REQUIRED BY FIRE MARSHAL.
17. GALVANIZED FLANGE AND SPOOL PIECE
18. CLASS 53 D.I. FLANGED SPIGOT
19. 3/4" A.T.R.
20. 3/4" BENT EYE BOLT
21. MECHANICAL JOINT 90° ELL
22. CONCRETE THRUST BLOCK WITH 5 SQ. FEET BEARING AREA
23. UNDISTURBED EARTH
24. LOW TEMPERATURE SENSOR - MOUNTED ON WALL - THIS SWITCH IS PROVIDED UNDER DIVISION 28 OF THE SPECIFICATIONS.
25. SPARE HEAD CABINET WITH SPARE SPRINKLER HEADS AND WRENCHES.
26. LAMINATED SYSTEM MAP WITH SYSTEM START-UP AND SHUT-DOWN INSTRUCTIONS.

E VERTICAL FIRE RISER DETAIL — NO SCALE



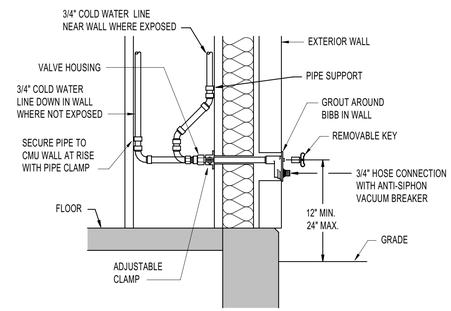
HANGER DETAIL



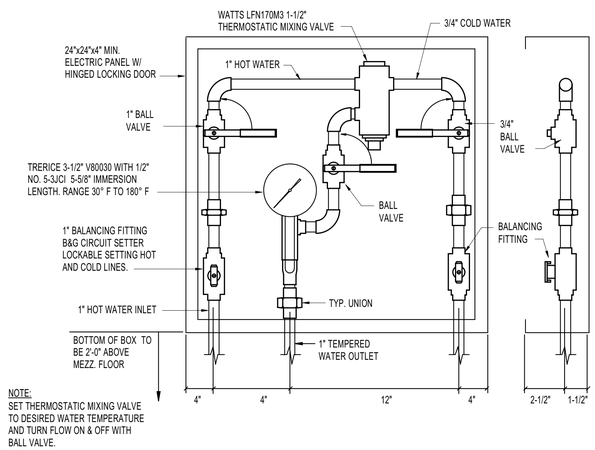
HANGER DETAIL

C TYPICAL PIPE HANGER DETAILS — NO SCALE

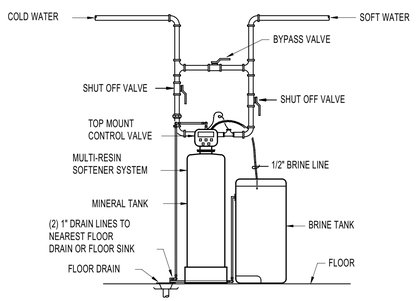
D SPRINKLER HEAD COORDINATION DETAILS — NO SCALE



F EXTERNAL HOSE BIBB DETAIL — NO SCALE



G MIXING VALVE DETAIL — NO SCALE



G WATER SOFTENER PIPING DIAGRAM — NO SCALE

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: PLUMBING DETAILS AND DIAGRAMS

PROFESSIONAL ENGINEER — DAVID L. HANSEN — P-18184 — 12/30/22

Engineered Systems Associates
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ESA JOB NUMBER: 21063

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:

P3.2

Approved
Shelby Idaho Building Safety
Permit #: 2023-0000
Date: 6/1/2023
This approval is for the plans and specifications only. The approval of plans and specifications does not permit the violation of any section of the building code or other ordinance of the jurisdiction. The approval is void if any false statement or misrepresentation has been made in the application or plans upon which the approval was based. The approval is void if any changes are made to the plans during construction without approval. Approval of construction does not authorize occupancy without a certificate of occupancy.
This is not a building permit!

PLUMBING LEGEND

SYMBOL	DESCRIPTION (NOT ALL SYMBOLS MAY BE USED)
AFF	ABOVE FINISHED FLOOR
CO	CLEANOUT
COTG	CLEANOUT TO GRADE
CW	COLD WATER LINE
HW	HOT WATER LINE
HWRC	HOT WATER RECIRCULATION LINE
V	VENT LINE
VTR	VENT THRU ROOF
W	WASTE LINE
WCO	WALL CLEANOUT
(1)	PLAN NOTE
EF 1	EQUIPMENT SYMBOL
CD	CONDENSATE DRAIN LINE
	GATE VALVE
	BALL VALVE
	CHECK VALVE
	GAS PRESSURE REGULATOR
	PIPE DROP
	PIPE RISE
L	REFRIGERANT LIQUID LINE
S	REFRIGERANT SUCTION LINE
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	HOT WATER RECIRC. PIPING
T	TEMPERED WATER PIPING
G	GAS PIPING
	SOIL OR WASTE PIPING
	VENT LINE PIPING
	DIRECTION OF FLOW INDICATOR
	STRAINER
	CIRCUIT SETTER
	PRESSURE REDUCING VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER
	MOTORIZED 3 WAY MIXING OR DIVERTING VALVE
	2 POSITION MOTORIZED VALVE
	ELECTRIC ALARM GONG
	FIRE DEPARTMENT SIAMESE CONNECTION
FAV	FIRE SPRINKLER RISER VALVE
	CONDENSING UNIT
	FURNACE OR FAN COIL UNIT

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	HOT	COLD	WASTE	VENT
D-2 1	COMMERCIAL GAS DRYER - DRYER EQUAL TO MILNOR MODEL M75BV. ROUGH-IN AND CONNECT 3/4" COLD WATER LINE AND 3/4" (2 psi) GAS LINE TO FIXTURE. CONNECT WITH PRESSURE REGULATOR (CONFIRM GAS PRESSURE WITH EQUIPMENT SUPPLIED.), SHUT-OFF VALVE AND FLEXIBLE HOSE. REFER TO DETAIL K/P3.1 FOR TYPICAL GAS LINE CONNECTION.	---	3/4"	---	---
DF-1	BI-LEVEL DRINKING FOUNTIAN WITH BOTTLE FILL - ELKAY MODEL LZSTL8WSLK AND EZH20 BOTTLE FILLER STATION COMPLETE WITH HANDS FREE FILL VALVE, 1/2" STOP, 1-1/2" P-TRAP, AND FLEXI-GUARD BUBBLER. (120/60/1)	---	1/2"	1-1/2"	1-1/2"
EW-1	HAWS MODEL 7260BT WITH PUSH-OPEN BALL VALVE, EYEWASHBOWL, 1/2" HOT AND COLD WATER SUPPLY LINES WITH THERMAL MIXING VALVE, AND 1-1/2" WASTE LINE WITH P-TRAP. REFER TO DETAIL C/P3.1 FOR TYPICAL INSTALLATION.	1/2"	1/2"	1-1/2"	1-1/2"
FD-1	2" FLOOR DRAIN - ZURN Z415N WITH 5" Dia. NICKEL-BRONZE STRAINER AND 2" DEEP SEAL P-TRAP. RUN 1/2" COLD WATER LINE TO TRAP PRIMER. REFER TO DETAIL M/P3.1 FOR TYPICAL INSTALLATION.	---	1/2"	2"	2"
FD-2	2" ANTI LIGATURE FLOOR DRAIN - HIPAC SAFE-CELL 'CCR' PRISON DRAIN ASSEMBLY WITH DIAL RING DESIGN AND 2" DEEP SEAL P-TRAP. RUN 1/2" COLD WATER LINE TO TRAP PRIMER. REFER TO DETAIL M/P3.1 FOR TYPICAL INSTALLATION. SECURE STRAINER WITH SECURITY SCREWS.	---	1/2"	2"	2"
FD-3	SHOWER DRAIN - SCHLUTER KERDI-LINE SYSTEM WITH CHANNEL SUPPORT AND BODY WITH CENTER OUTLET, 33-1/2" TOTAL LENGTH, TYPE 'B' SQUARE GRATE WITH BRUSHED STAINLESS STEEL FINISH AND LOCKING MECHANISIM	---	---	2"	2"
FS-1	FLOOR SINK WITH 1/2 GRATE - ZURN Z1900-2 WITH HALF GRATE, DOME STRAINER, WHITE ENAMEL FINISH, AND 4" DEEP SEAL P-TRAP.	---	---	4"	2"
FS-2	FLOOR SINK WITH NO GRATE - ZURN Z1900-2 WITH DOME STRAINER, WHITE ENAMEL FINISH, AND 4" DEEP SEAL P-TRAP. NO GRATE REQUIRED.	---	---	4"	2"
HB-1	EXTERIOR HOSE BIBB - ZURN Z-1310 "ECOLOTROL" RECESSED EXTERIOR HOSE BIBB WITH REMOVABLE METAL KEY HANDLE, VACUUM BREAKER AND GARDEN HOSE ADAPTOR. LENGTH TO SUIT WALL THICKNESS. REFER TO DETAIL F/P3.3 FOR TYPICAL INSTALLATION.	---	3/4"	---	---
JS-1	SERVICE SINK - KOHLER K-6710 "WHITBY" WITH K-8940 WIRE RIM GUARD, K-9142 PERFORATED STRAINER AND 2" DEEP SEAL P-TRAP. MOUNT TSS BRESS B-0674-BSTP FAUCET ON WALL WITH VACUUM BREAKER AND PAIL HOOK. PROVIDE 5'-0" RUBBER HOSE AND WALL CLIP.	1/2"	1/2"	2"	2"
L-1	LAVATORY - KOHLER MODEL K-2209 "CAXTON OVAL" UNDERMOUNT SINK WITH K-7715 GRID STRAINER, MOEN 84466 DECK MOUNTED FAUCET WITH SINGLE HOLE AND LEVER HANDLE, 1/2" STOPS AND 1-1/2" P-TRAP. PROVIDE INSULATING JACKET ON WATER AND WASTE PIPING BELOW COUNTER.	1/2"	1/2"	1-1/2"	1-1/2"
MX-1	SHOWER MIXING VALVE - PROVIDE MIXING VALVE SIMILAR TO WATTS 1-1/2" LFN170-M3 LEAD-FREE MASTER MIXING VALVE WITH PARAFTIN BASED THERMOSTAT. PROVIDE 1-1/2" TEMPERED AND HOT WATER LINES WITH SHUT-OFF VALVES AND 1" COLD WATER LINES WITH SHUT-OFF VALVE. REFER TO DETAIL G/P3.2 FOR TYPICAL INSTALLATION IN 24x24x4 LOCKING METAL BOX.	1-1/2"	1-1/2"	---	---
RP-1	DOMESTIC RECIRC PUMP - B&G SERIES LR-15B WITH 6 GPM FLOW AT 10' HEAD AND 3/4" LINE CONNECTIONS. (120/60/1 - 1/12 HP.) MOUNT NEAR WATER HEATER. REFER TO WATER HEATER PIPING DETAIL M/P3.1 FOR TYPICAL PIPE CONNECTIONS.	3/4"	---	---	---
S-1	SINK - ELKAY PLAFRU191610 UNDERMOUNT STAINLESS STEEL SINK WITH LK4060N08LS DECK MOUNTED GOOSENECK FAUCET, LK335 BASKET STRAINER, 1/2" STOPS AND 1-1/2" P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"
S-2	UTILITY SINK - ELKAY MODEL E1C16X20-0X STAINLESS STEEL SINGLE COMPARTMENT SINK WITH SUPPORT LEGS, LK940BR07L2H FAUCET COMPLETE WITH VACUUM BREAKER, PAIL HOOK AND WALL SUPPORT ROD, LK335 BASKET STRAINER, 1/2" STOPS AND 1-1/2" P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	HOT	COLD	WASTE	VENT
SH-1	ADA SHOWER - BRADLEY HSC91 RECESSED-MOUNTED ADA COMPLIANT WALL SHOWER WITH PIEZO SWITH (TTPB) CONTROL WITH 3 MINUTE TIMER, (2) ANTI-LIGATURE SHOWER HEADS WITH 2 GPM, AND RECESSED SOAP DISH. MOUNT TO WALL WITH SECURITY SCREWS. MOUNT AT 6'-0"	1/2"	1/2"	---	---
SH-2	SHOWER - BRADLEY MODELHSC95 RECESSED-MOUNTED SHOWER WITH PIEZO SWITH (TTPB) CONTROL WITH 3 MINUTE TIMER, ANTI-LIGATURE SHOWER HEAD WITH 2 GPM, AND RECESSED SOAP DISH. MOUNT TO WALL WITH SECURITY SCREWS. MOUNT SHOWER HEAD AT 6'-0".	1/2"	1/2"	---	--
TP-1	TRAP PRIMER - MI-FAB M2-500-NPB IN-LINE PRIMER. MOUNT EXPOSED IN PIPING CHASE. RUN 1/2" COLD WATER LINE TO EACH FLOOR DRAIN AS SHOWN ON FOUNDATION PLAN P0.1 OR P0.2. REFER TO DETAIL M/P3.1 FOR TYPICAL INSTALLATION.	---	1/2"	---	---
W-1 1	FRONT LOAD WASHER - SPEED QUEEN MODEL LFNE5BSP115TW01 WASHER WITH WHITE FINISH. INSTALL RECESSED WASHER BOX IN WALL SIMILAR TO GUY GREY MODEL FB200 GALVANIZED WASHER BOX WITH RIGHT DRAIN AND TOP SUPPLY HOT AND COLD WATER VALVES. CONNECT WASHER TO WASHER BOX. REFER TO DETAIL D/P3.1 FOR TYPICAL INSTALLATION.	1/2"	1/2"	2"	2"
D-1 1	ELECTRIC DRYER - SPEED QUEEN MODEL LDEE5BGS173TW01 DRYER WITH WHITE FINISH. REFER TO MECHANICAL FLOOR PLAN FOR 6" Dia. DRYER VENT TO BE CONNECTED.	---	---	---	---
W-2	COMMERICAL WASHING MACHINE & DRYER - WASHER EQUAL TO MILNOR MODEL 30022-X8R LARGE CAPACITY WASHER. ROUGH-IN AND CONNECT 3/4" H&C WATER LINES WITH SHUT-OFF VALVES. PROVIDE WATER HAMMER ARRESTOR ON EACH LINE. PROVIDE 3/4" BY 60" LONG FLEXIBLE WATER HOSES. RUN 3" DRAIN TO FLOOR SINK.	3/4"	3/4"	3" TO FLOOR SINK	---
WC-1	ADA WATER CLOSET - KOHLER K-96057 "HIGHCLIFF" WITH ELONGATED BOWL, L-4670-C WHITE OPEN FRONT SEAT, SLOAN OPTIMA PLUS (BATTERY) SENSOR FLUSH VALVE AND BOLT CAPS.	---	1"	3"	2"
WC-2	STAINLESS COMBI UNIT - ACORN 1415-CT-2-03-FV ON FLOOR WITH WALL WASTE OUTLET AND FRONT SEAT, SINGLE TEMP METERING CONCEALED CONTROL VALVE WITH PUSH-BUTTON CONTROL, 1" & 1/2" COLD WATER CONNECTIONS AND 1-1/2" & 3" WASTE LINE CONNECTIONS.	1/2" LAV	1/2" LAV 1-1/4" TOILET	1-1/2" LAV 3" TOILET	2"
WC-3	STAINLESS COMBI UNIT - ACORN 1432FA-AL-2-03-FV ON FLOOR WITH WALL WASTE OUTLET AND FRONT SEAT, SINGLE TEMP METERING CONCEALED CONTROL VALVE WITH PUSH-BUTTON CONTROL, 1" & 1/2" COLD WATER CONNECTIONS AND 1-1/2" & 3" WASTE LINE CONNECTIONS. (ANGLED LEFT)	1/2" LAV	1/2" LAV 1-1/4" TOILET	1-1/2" LAV 3" TOILET	2"
WC-4	STAINLESS COMBI UNIT - ACORN 1432FA-AR-2-03-FV ON FLOOR WITH WALL WASTE OUTLET AND FRONT SEAT, SINGLE TEMP METERING CONCEALED CONTROL VALVE WITH PUSH-BUTTON CONTROL, 1" & 1/2" COLD WATER CONNECTIONS AND 1-1/2" & 3" WASTE LINE CONNECTIONS. (ANGLED RIGHT)	1/2" LAV	1/2" LAV 1-1/4" TOILET	1-1/2" LAV 3" TOILET	2"
WH-1	GAS FIRED WATER HEATER - A.O. SMITH BTH-199 WITH SEALED COMBUSTION CHAMBER, 100 GALLON GLASS LINED TANK, 199,000 BTU INPUT CAPACITY AND T&P RELIEF VALVE, EXPANSION TANK, HEAT NIPPLES AND SYMMONS 7-500 MIXING VALVE. REFER TO DETAIL N/P3.1 FOR TYPICAL PIPING AND EQUIPMENT CONNECTIONS. EXTEND WATER HEATER VENTS UP THRU ROOF.	1-1/4"	1-1/4"	---	---
WS-1	WATER SOFTENER - DOMINATOR 954 SERIES, MODEL A954SM-180 SINGLE SYSTEM WATER SOFTENER WITH 1-1/2" LINE CONNECTIONS, 60 GPM PEAK AND 44 CONTINUOUS FLOW RATES, 120,000 GRAIN CAPACITY AT 6# SALT/ CU. FT., BRINE TANK, AND 3200 NT CONTROL VALVE AND FLOW METER	1-1/2"	1-1/2"	---	---

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: PLUMBING FIXTURE SCHEDULE

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
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REVISIONS		
1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

NBW PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
M JENSEN
CHECKED BY:
D HANSEN

DRAWING NO.:

P3.3

Approved
Star Sanitary District
Permit #2023-0030
Date: 5/19/2023
Permit is required for any work that will connect to, alter, or impact the District's sewer system. Work must be performed by a licensed contractor. Work must be inspected by the District. Permit is void if work is not started within 180 days of issuance. Permit is void if work is suspended for more than 180 days after work is started. The approved plans must be on the job site at all times. Building permit cards, handbooks, and approved plans must be available for inspection.
This is not a building permit

ELECTRICAL LEGEND - LIGHTING

REFERENCE FIXTURE SCHEDULE FOR MOUNTING TYPE, MOUNTING HEIGHT, AND FIXTURE TYPE.

- DOUBLE FACE EXIT SIGN, CEILING MOUNTED, PROVIDE UNSWITCHED CONDUCTOR.
- WALL MOUNTED DOUBLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
- SINGLE FACE EXIT SIGN, CEILING MOUNTED PROVIDE UNSWITCHED CONDUCTOR.
- WALL MOUNTED SINGLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
- ARROW INDICATES DIRECTION TO BE SHOWN ON SIGN.
- 1'X1' LIGHT FIXTURE.
- 1'X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- TRACK LIGHT
- 1'X4' LIGHT FIXTURE.
- 1'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- 2'X4' LIGHT FIXTURE.
- 2'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- 2'X2' LIGHT FIXTURE.
- 2'X2' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.
- DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR
- STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.
- STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR
- WALL MOUNTED LIGHT FIXTURE.
- WALL MOUNTED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- RECESSED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- ROUND LIGHT FIXTURE
- ROUND EMERGENCY LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- WALL MOUNTED LIGHT FIXTURE.
- WALL MOUNTED EMERGENCY LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
- POLE LIGHT 1 HEAD WITH POLE
- TIME CLOCK
- PHOTO CONTROL CELL LOCATED 12" ABOVE ROOF FACING NORTH.
- OCCUPANCY SENSOR. PROVIDE RELAYS AND POWER PACKS AS REQUIRED.
- LED DRIVER
- EMERGENCY EGRESS LIGHTING WITH OUT FIXTURE HEADS. CONNECT TO AN UNSWITCHED CONDUCTOR.
- EMERGENCY EGRESS LIGHTING. CONNECT TO AN UNSWITCHED CONDUCTOR.
- WALL MOUNTED SINGLE FACE EXIT SIGN WITH EMERGENCY EGRESS LIGHTING. PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
- CEILING MOUNTED. SINGLE FACE EXIT SIGN WITH EMERGENCY EGRESS LIGHTING. PROVIDE UNSWITCHED CONDUCTOR.
- CEILING MOUNTED. DOUBLE FACE EXIT SIGN WITH EMERGENCY EGRESS LIGHTING. PROVIDE UNSWITCHED CONDUCTOR.
- XXX INDICATES FIXTURE TYPE. REFER TO FIXTURE SCHEDULE.
- EXTERIOR WALL PACK
- EMERGENCY EXTERIOR WALL PACK. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR

DEVICES

- S — SWITCH, TYPE AS INDICATED. +46"AFF
  - 2 DOUBLE POLE
  - 3 3-WAY
  - 4 4-WAY
  - K KEYED
  - P PILOT LIGHT
  - D DIMMER
  - HP HORSEPOWER RATED
  - TO THERMAL OVERLOAD
  - LV LOW VOLTAGE
  - OS OCCUPANCY SENSOR
  - OR LOW VOLTAGE, MOMENTARY OVERRIDE
  - VS VACANCY SENSOR
  - a SUPERSCRIPT INDICATES LIGHTS TO BE SWITCHED TOGETHER
- S^{S} DUAL LEVEL SWITCHING, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.
- S^{DS} DUAL LEVEL SWITCHING WITH OCCUPANCY SENSOR, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.
- S^{OS} OCCUPANCY SENSOR WITH MANUAL DIMMING, SET FOR 50% AUTOMATIC ON, AUTOMATIC OFF, WITH MANUAL DIMMING.
- SINGLE CONVENIENCE OUTLET, +18" AFF UNO
- FLOOR MOUNT SINGLE CONVENIENCE OUTLET
- DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
- FLOOR MOUNT DUPLEX CONVENIENCE OUTLET
- EMERGENCY DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
- SWITCHED DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
- FLOOR MOUNTED SWITCHED DUPLEX CONVENIENCE OUTLET
- USB DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
- USB FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO
- FOURPLEX CONVENIENCE OUTLET. +18"AFF UNO
- FLOOR MOUNT FOURPLEX CONVENIENCE OUTLET
- CONNECTION POINT TO EQUIPMENT SPECIFIED, ELECTRICAL CONTRACTOR TO SUPPLY RACEWAY AND CONDUCTORS AND MAKE FINAL CONNECTION TO EQUIPMENT UNDER THIS SECTION. UNO
- FLOOR MOUNTED CONNECTION POINT, SEE NOTE ABOVE FOR REQUIREMENTS
- FLOOR MOUNTED JUNCTION BOX
- JUNCTION BOX
- WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO
- HC WALL MOUNTED PUSH BUTTON, HANDICAPPED MOUNT AT SWITCH HEIGHT UNO
- WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO
- MOTOR STARTER/CONTACTOR, SIZE/POLES NEMA 1 UNO AS INDICATED
- COMBINATION STARTER AND DISCONNECT, SIZE/POLES, STARTER SIZE AS INDICATED, NEMA 1 UNO
- F FUSED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO
- NON-FUSED DISCONNECT SIZE/ POLES AS INDICATED, NEMA 1 UNO
- T (unit-#) THERMOSTAT, +46" AFF PROVIDE CONDUIT, J-BOX, CONDUCTORS AS REQUIRED TO CONTROL ASSOCIATED UNITS. UNO COORDINATE WITH DIVISION 15.
- H (unit-#) HUMIDISTAT, +46" AFF PROVIDE CONDUIT, J-BOX, CONDUCTORS AS REQUIRED TO CONTROL ASSOCIATED UNITS.
- POWER POLE - DUAL CHANNEL
- REB RECESSED ENTERTAINMENT BOX
- T TRANSFORMER
- PANELBOARD. SEE SCHEDULE FOR TYPE.
- EQUIPMENT CABINET, SURFACE MOUNTED
- EQUIPMENT CABINET FLUSH MOUNTED
- SURFACE MULTI-OUTLET RACEWAY
- # / # MECHANICAL EQUIPMENT CALL OUT
- # KITCHEN EQUIPMENT CALLOUT

ONE LINE

- DELTA WYE TRANSFORMER UNO
- # PANEL NAME VOLTAGE PHASE — PANEL BOARD, SEE SCHEDULE FOR TYPE AND SIZE
- ##A / #P — CIRCUIT BREAKER, SIZE AND POLES INDICATED
- ##A — FUSE, SIZE AND TYPE INDICATED, PROVIDE FUSE FOR EACH POLE
- ##A / #P — INTERRUPTER SWITCH, SIZE AND POLES INDICATED
- ##A / #P — FUSED SWITCH, SIZE/POLES AND FUSE SIZE INDICATED
- ##A / #P — DRAW OUT CIRCUIT BREAKER, SIZE AND POLES INDICATED
- (S) — INDIVIDUAL BREAKER WITH SHUNT TRIP, SIZE AND POLES INDICATED. NEMA 1 UNO
- INDIVIDUAL BREAKER, SIZE AND POLES INDICATED. NEMA 1 UNO
- GFP — GROUND FAULT PROTECTION
- TVSS — TRANSIENT VOLTAGE SURGE SUPPRESSION
- LSIGR — ADJUSTABLE BREAKER SETTINGS (PER SPECIFICATIONS):
  - 'L'-LONG TIME
  - 'S'-SHORT TIME
  - 'I'-INSTANTANEOUS
  - 'G'-GROUND FAULT
  - 'R'-ENERGY REDUCING MAINTENANCE SWITCH W/STATUS INDICATOR
- GROUND
- ST — SHUNT TRIP COIL
- (M) — MOTOR
- 100A 3P — DISCONNECT SWITCH, SIZE AND POLES INDICATED. NEMA 1 UNO
- OVERHEAD SERVICE DROP
- G/E — GENERATOR SET, MAIN BREAKER SIZE INDICATED
- AUTOMATIC TRANSFER SWITCH (ATS)
- METER AND BASE
- NEUTRAL
- T — DRY TYPE TRANSFORMER
- PAD MOUNT TRANSFORMER

ELECTRICAL GENERAL NOTES

A. THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE; THEREFORE, THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL EQUIPMENT AND DEVICE LOCATIONS WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DIVISIONS PRIOR TO ROUGH-IN. REFER TO AND COORDINATE WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL WORK THAT IS REQUIRED BY THE ELECTRICAL CONTRACTOR.
B. ALL CONDUIT AND JUNCTION BOXES ARE TO BE CONCEALED UNLESS LOCATED WITHIN DEDICATED ELECTRICAL OR MECHANICAL ROOMS. USE OF SURFACE MOUNTED RACEWAYS IN ALL OTHER SPACES MUST BE APPROVED BY THE ARCHITECT FOR EACH LOCATION. WHERE SURFACE RACEWAYS ARE APPROVED, UTILIZE WIREMOLD, OR APPROVED EQUAL, SURFACE MOUNTED RACEWAYS PAINTED TO MATCH SURROUNDING WALLS.
C. REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET HEIGHTS WHERE THE SPECIFIC OUTLET HEIGHT IS NOT INDICATED. REFER TO THE ELECTRICAL LEGEND FOR THE DEFAULT OUTLET HEIGHT WHEN NOT INDICATED ON ELEVATIONS OR ON AT THE DEVICES.
D. PROVIDE PULL-LINE IN ALL EMPTY CONDUITS.
E. TERMINATE ALL LOW-VOLTAGE CONDUITS WITH INSULATED THROAT BUSHING.
F. MECHANICAL EQUIPMENT INDICATED IS SHOWN IN AN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
G. ALL NON-LOCKING, 120-V, 15 AND 20-AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTENT RECEPTACLES PER NEC 406.12

FIRE ALARM:
H. INSTALL PLENUM RATED FIRE ALARM CONDUCTORS FROM ALL FIRE ALARM DEVICES INDICATED TO THE FIRE ALARM CONTROL PANEL OR NAC EXTENDER PANEL(S) AS REQUIRED. STUB 3/4" CONDUIT FROM DEVICE TO VOID ABOVE CEILING. PROVIDE NAC EXTENDER PANELS (QUANTITY AS REQUIRED) IN LOCATIONS INDICATED AND CIRCUITING AS REQUIRED FOR A COMPLETE INSTALLATION. CIRCUIT THE FIRE ALARM NOTIFICATION AND INITIATION DEVICES PER THE ELECTRICAL SPECIFICATIONS. FURNISH AND INSTALL ALL APPURTENANCES AND PROGRAMMING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO ELECTRICAL FIRE ALARM SPECIFICATIONS FOR SYSTEM REQUIREMENTS AND SUBMITTAL PROCEDURES.

SITE:
I. CONTRACTOR SHALL COORDINATE WITH AN UNDERGROUND LOCATING SERVICE PRIOR TO COMMENCING WORK. SEE CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION. COORDINATE WITH OTHER SITE DISCIPLINES.
J. SITE LIGHTING AND UTILITY EQUIPMENT SHOWN IN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS, PROPERTY LINES, AND UTILITY COMPANIES PRIOR TO ROUGH-IN.
K. REFER TO POLE BASE DETAIL FOR SITE LIGHTING POLE BASE REQUIREMENTS.
L. ROUTE CONDUITS IN COMMON TRENCH WHERE POSSIBLE REFER TO TRENCHING DETAIL.

COMMUNICATIONS

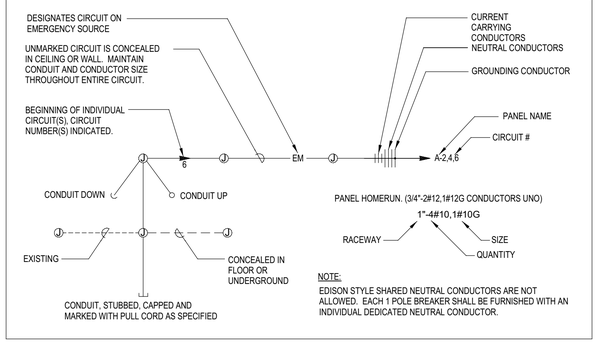
- JUNCTION BOX FOR FUTURE TELEPHONE/DATA OUTLET. MOUNT AT 18" A.F.F. UNO. PROVIDE SINGLE-GANG MUD RING WITH BLANK COVER PLATE. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE.
- #D,#T — TELEPHONE/DATA OUTLET. MOUNT AT 18" A.F.F. UNO. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING. INSTALL QUANTITY OF DATA (#D) AND TELEPHONE (#T) CABLES INDICATED TO THE NEAREST DATA RACK. PROVIDE (2) DATA CABLES IF A CABLE QUANTITY IS NOT INDICATED.
- FLOOR MOUNTED BOX FOR FUTURE TELEPHONE/DATA OUTLET. JUNCTION BOX WITH SINGLE-GANG MUD RING. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE BLANK COVER PLATE.
- #D,#T — FLOOR MOUNTED TELEPHONE/DATA OUTLET. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING. INSTALL QUANTITY OF DATA (#D) AND TELEPHONE (#T) CABLES INDICATED TO THE NEAREST DATA RACK. PROVIDE (2) DATA CABLES IF A CABLE QUANTITY IS NOT INDICATED.
- IC — INTERCOM SYSTEM CALL BUTTON. +46" UNO.
- SP — CEILING MOUNTED SPEAKER WITH BACKBOX
- SP — WALL MOUNTED SPEAKER, WITH BACKBOX +80" UNO
- V — VOLUME CONTROL, +46" UNO
- TV — TELEVISION OUTLET, +18" AFF UNO. PROVIDE 1-1/4" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE
- TV — CEILING MOUNTED TELEVISION OUTLET
- TTB — TELEPHONE TERMINAL BOARD
- CT-XX — CABLE TRAY, 4" DEEP, WIRE BASKET STYLE, 'XX' INDICATES WIDTH PROVIDE ALL FITTINGS AND SUPPORT HARDWARE REQUIRED

SECURITY

- CCTV CAMERA POWER SUPPLY
- CCTV SYSTEM POWER SUPPLY
- ADJUSTABLE CAMERA (PAN/TILT/ZOOM)
- FIXED CAMERA
- CAMERA IN OUTDOOR HOUSING
- ADJUSTABLE CAMERA (PAN/TILT/ZOOM) IN OUTDOOR HOUSING
- C — CCTV OUTLET, +18" UNO
- C — CEILING MOUNTED CCTV OUTLET
- K — SECURITY SYSTEM KEYPAD CONTROLLER COORDINATE BOX SIZE AND MUDRING WITH VENDOR
- CR — CARD READER
- (M) — CEILING MOUNTED MOTION SENSOR
- +80" (M) — WALL MOUNTED MOTION SENSOR, MOUNTING HEIGHT INDICATED
- PANIC BUTTON - MOUNTED UNDER COUNTER

NOTE:	THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.

CIRCUITING SYMBOLS



ELECTRICAL ABBREVIATIONS

A	AMPERES
AC	6" ABOVE BACKSPLASH
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AF	AMP FRAME
AIC	AMPS INTERRUPTING CAPACITY
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BD	BOTTOM OF DECK
BS	BOTTOM OF STRUCTURE
C	CEILING MOUNTED
C	CONDUIT
CB	CIRCUIT BREAKER
CF	COMPACT FLUORESCENT
CKT	CIRCUIT
CO	CONDUIT ONLY, PROVIDE PULL-LINE
CT	CURRENT TRANSFORMER
CTL	CONTROL
DC	DIRECT CURRENT
(D)	DEMOLITION
DEMO	DEMOLITION
DET	DETAIL
DTT	DOUBLE TWIN TUBE
E	EMERGENCY
(E)	EXISTING
EC	ELECTRICAL CONTRACTOR
EL	EMERGENCY LIGHT
F	FUSE
(F)	FUTURE
FACP	FIRE ALARM CONTROL PANEL
G/GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
HH	HAND HOLE
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO
HPS	HIGH PRESSURE SODIUM
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
IG	ISOLATED GROUND
IPCO	IDAHO POWER COMPANY
J-BOX	JUNCTION BOX
KA	KILOAMP
KVA	KILO VOLT-AMP
KW	KILOWATT
KWH	KILOWATT HOUR
LCP	LIGHTING CONTROL PANEL
MB	MAIN BREAKER
MBR	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MMC	MODULAR METERING CENTER
MH	METAL HALIDE
MSB	MAIN SWITCH BOARD
MTG	MOUNTING
N	NEUTRAL
(N)	NEW
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OH	OVERHEAD
OS	OCCUPANCY SENSOR
P	POLES
PC	PHOTO-CONTROL
PVC	POLYVINYL CHLORIDE
PWR	POWER
RE:	REFERENCE
REC	RECEPTACLE
(R)	RELOCATED
SF	SQUARE FEET
TBD	TO BE DETERMINED
TDR	TIME DELAY RELAY
TK	TOE KICK
TSP	TWISTED SHIELDED PAIR
TRT	TRIPLE TUBE
TTB	TELEPHONE TERMINAL BOARD
(TYP.)	TYPICAL
UC	UNDERCABINET
UG	UNDERGROUND
U.N.O.	UNLESS NOTED OTHERWISE
V	VOLT
VA	VOLT-AMPERE
W	WATT
WG	WIRE GUARD
WP	WEATHER PROOF/NEMA 3R

PROVIDED/ PROVIDE BY INSTALLED/ INSTALL	PROVIDE AND INSTALL / PROVIDED AND INSTALLED BY /
NOTE:	THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL ABBREVIATIONS. SOME OF THE ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE.

FIRE ALARM - DESIGN BUILD NOTES

A. THE FIRE ALARM SYSTEM WILL BE VOICE OVER EVAC DESIGN BUILD BY THE CONTRACTOR. THE FIRE ALARM CONTRACTOR SHALL PRODUCE A FIRE ALARM SUBMITTAL THAT INCLUDES ALL DRAWINGS, CALCULATIONS AND CUT SHEETS REQUIRED TO OBTAIN COMPLETE APPROVAL FROM ALL APPROVING AGENCIES.

B. THE FIRE ALARM CONTRACTOR SHALL PROVIDE FIRE ALARM SUBMITTALS TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO SUBMITTING TO THE AUTHORITY HAVING JURISDICTION AND AND SHALL NOT PROCEED UNTIL THESE SUBMITTALS HAVE BEEN REVIEWED, APPROVED AND RETURNED.

C. REFER TO THE ARCHITECTURAL CODE PLAN(S) FOR THE OCCUPANCY TYPES AND OCCUPANCY LOADS FOR EACH AREA.

D. UTILIZE CURRENTLY ADOPTED CODES AND AMENDMENTS FOR FIRE ALARM REQUIREMENTS.

E. THE BUILDING IS FULLY SPRINKLED WITH BOTH WET AND DRY SPRINKLER SYSTEMS.

F. THE FIRE ALARM CONTRACTOR SHALL PROVIDE AND INSTALL ALL FIRE ALARM INITIATING, MONITORING (SMOKE/ FIRE/ CARBON MONOXIDE), INTERFACE AND RELATED DEVICES AND EQUIPMENT AS REQUIRED FOR A COMPLETE AND FUNCTIONING CODE COMPLIANT SYSTEM.

G. THE FIRE ALARM SYSTEM SHALL PROVIDE ALL REQUIRED NOTIFICATION THROUGH OUT THE FACILITY. COORDINATE THE MOUNTING HEIGHTS OF THE NOTIFICATION DEVICES WITH THE CEILING AND STRUCTURE HEIGHTS IN THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR CEILING/STRUCTURE INFORMATION.

H. PROVIDE ALL IN-DUCT AND/OR DUCT SMOKE DUCT DETECTORS AS REQUIRED. COORDINATE THE FINAL QUANTITY AND LOCATIONS WITH MECHANICAL CONTRACTOR.

I. THE FIRE ALARM CONTROL PANEL SHALL BE LOCATED IN THE FIRE RISER ROOM. THE NOTIFICATION APPLIANCE CIRCUIT POWER SUPPLIES SHALL BE LOCATED IN ELECTRICAL ROOMS, STORAGE AND SIMILAR ROOMS ADJACENT TO ELECTRICAL PANELS.

J. PROVIDE 120V POWER, CONTROL RELAYS AND IN-DUCT DETECTORS FOR ALL SMOKE AND SMOKE/FIRE DAMPERS. COORDINATE WITH MECHANICAL PLANS.

K. PROVIDE SMOKE DETECTORS, RELAYS AND RELATED CONNECTIONS FOR ALL DOOR HOLD OPENS AS REQUIRED.

L. PROVIDE ALL 120V CIRCUITS AS REQUIRED TO ACCOMMODATE FIRE ALARM CONTROL PANEL, DRY SYSTEM AIR COMPRESSOR(S), NITROGEN GENERATOR(S), FIRE BELLS, NAC EXTENDER PANELS, AMPLIFIER PANELS AND RELATED ITEMS.

M. ALL FIRE ALARM CIRCUIT BREAKERS SHALL HAVE A RED HANDLE AND BE LOCKABLE TYPE.

N. THE FIRE ALARM SYSTEM SHALL INCLUDE A FLUSH MOUNTED REMOTE ANNUNCIATOR LOCATED IN AN OCCUPIED AREA IN THE KEY, RECEPTION OR SIMILAR ARSHS LOCATION(S) SHALL BE COORDINATED WITH THE ARCHITECT AND OWNER PRIOR TO PREPARING THE REQUIRED SUBMITTALS.

O. FIRE ALARM CABLING SHALL BE CONCEALED. AREAS IN WALLS, ABOVE HARD CEILINGS AND SIMILAR (NON-ACCESSIBLE AREAS) SHALL BE IN CONDUIT. EXPOSED CABLING IS NOT ALLOWED.

P. PROVIDE ALL DETECTION, MONITOR AND CONTROL DEVICES AS REQUIRED FOR THE ELEVATOR(S).

Q. THE BUILDING HAS A FIRE PUMP. PROVIDE ALL MONITORING AND CONTROLS AS REQUIRED.

R. THE FIRE ALARM CONTRACTOR SHALL PRODUCE RECORD DOCUMENTS OF THE ACTUAL SYSTEM AS INSTALLED. THE RECORD DOCUMENTS SHALL BE PRODUCED TO THE ACCEPTANCE OF THE ARCHITECT AND ENGINEER. ONE COMPLETE SET OF PRINTED DOCUMENTS AND A PDF VERSION SHALL BE DELIVERED TO THE ARCHITECT.

S. INSTALL PLENUM RATED FIRE ALARM CONDUCTORS FROM ALL FIRE ALARM DEVICES INDICATED TO THE FIRE ALARM CONTROL PANEL OR NAC EXTENDER PANEL(S) AS REQUIRED. STUB 3/4" CONDUIT FROM DEVICE TO VOID ABOVE CEILING. PROVIDE NAC EXTENDER PANELS (QUANTITY AS REQUIRED) IN LOCATIONS INDICATED AND CIRCUITING AS REQUIRED FOR A COMPLETE INSTALLATION. CIRCUIT THE FIRE ALARM NOTIFICATION AND INITIATION DEVICES PER THE ELECTRICAL SPECIFICATIONS. FURNISH AND INSTALL ALL APPURTENANCES AND PROGRAMMING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO ELECTRICAL FIRE ALARM SPECIFICATIONS FOR SYSTEM REQUIREMENTS AND SUBMITTAL PROCEDURES.

T. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MUSGROVE ENGINEERING, P.A.
234 S. Whisperwood Way
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208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com
PROJECT NO. 21-471

PROFESSIONAL ENGINEER — REGISTERED — 13299 — 05/22/2023 — STATE OF IDAHO — MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8775 (F) 208.522.8795 (W) nbwarchitects.com

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ELECTRICAL COVER SHEET

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: CJ
CHECKED BY: MB

DRAWING NO.: E0.0

5/19/2023 3:41:24 PM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Ada County Highway District
Development Services
Permit Number
Date
By
Approval does not constitute approval of design errors or omissions. Contractor is responsible for all dimensions and conditions on the job. Any discrepancies must be reported to the Ada County Highway District before commencing work. Approval does not authorize any violation of any law, ordinance, regulation, covenant, condition, or restriction.
This is not a building permit

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: ST. ANTHONY COTTAGES
Project Type: New Construction

Construction Site:
2220 E 600 N
ST ANTHONY, ID 83445

Owner/Agent:
ST. ANTHONY COTTAGES
2220 E 600 N
ST ANTHONY, ID 83445

Designer/Contractor:
MATTHEW BRADLEY
MUSGROVE ENGINEERING
645 W 25TH ST
IDAHO FALLS, ID 83402
208-523-2862
MATTB@MUSGROVEPA.COM

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Health Care-Clinic	11044	0.74	8150
		Total Allowed Watts =	8150

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Health Care-Clinic				
LED 1: A: LED Panel 33W:	1	62	31	1922
LED 2: B2: LED Other Fixture Unit 28W:	1	30	35	1050
LED 3: C: LED Other Fixture Unit 46W:	1	30	45	1350
LED 4: D: LED Other Fixture Unit 46W:	1	7	46	322
LED 5: B1/B3: LED Other Fixture Unit 13W:	1	8	10	83
LED 6: G: LED Other Fixture Unit 36W:	1	10	37	370
LED 7: H: LED Other Fixture Unit 13W:	1	8	13	104
		Total Proposed Watts =		5201

Interior Lighting PASSES: Design 36% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COM*check* Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

MATTHEW BRADLEY, P.E. — Name - Title
Signature
12/30/2022 — Date

COMcheck Software Version 4.1.5.5
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: ST. ANTHONY COTTAGES
Project Type: New Construction
Exterior Lighting Zone 2 (Residential mixed use area (LZ2))

Construction Site:
2220 E 600 N
ST ANTHONY, ID 83445

Owner/Agent:
ST. ANTHONY COTTAGES
2220 E 600 N
ST ANTHONY, ID 83445

Designer/Contractor:
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MUSGROVE ENGINEERING
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Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Pedestrian and vehicular entrances and exits	15 ft of door	14	Yes	210
		Total Tradable Watts (a) =		210
		Total Allowed Watts =		210
		Total Allowed Supplemental Watts (b) =		400

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Pedestrian and vehicular entrances and exits (15 ft of door width): Tradable Wattage				
LED 1: X1E: LED Other Fixture Unit 13W:	1	4	13	52
		Total Tradable Proposed Watts =		52

Exterior Lighting PASSES: Design 91% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2018 IECC requirements in COM*check* Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

MATTHEW BRADLEY, P.E. — Name - Title
Signature
12/30/2022 — Date

COMcheck Software Version 4.1.5.5
Inspection Checklist
Energy Code: 2018 IECC

Requirements: 0.0% were addressed directly in the COM*check* software
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR8][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.5 [PR16][1]	Group R-2 dwelling units have separate electrical meters.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C406 [PR9][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2.2 [EL22][1]	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1, C405.2.1.1 [EL18][1]	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1.2 [EL19][1]	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1.3 [EL20][1]	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.2, C405.2.2.1, C405.2.2.2 [EL21][2]	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3.1, C405.2.3.2 [EL23][2]	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.4 [EL26][1]	Separate lighting control devices for specific uses installed per approved lighting plans.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.4 [EL27][1]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.5 [EL28][na]	Manual controls required by the energy code are in a location with ready access to occupants and located where the controlled lights are visible, or identify the area served and their status.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.6 [EL30][na]	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.3 [EL6][1]	Exit signs do not exceed 5 watts per face.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.6 [EL26][2]	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.7 [EL27][2]	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.8.2, C405.8.2.1 [EL28][2]	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.9 [EL29][2]	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

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PROJECT NO. 21-471

PROFESSIONAL ENGINEER — REGISTERED — 13299 — 12-30-2023 — STATE OF IDAHO — MATTHEW N. BRADLEY

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PROJECT: DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE: LIGHTING COMPLIANCE

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

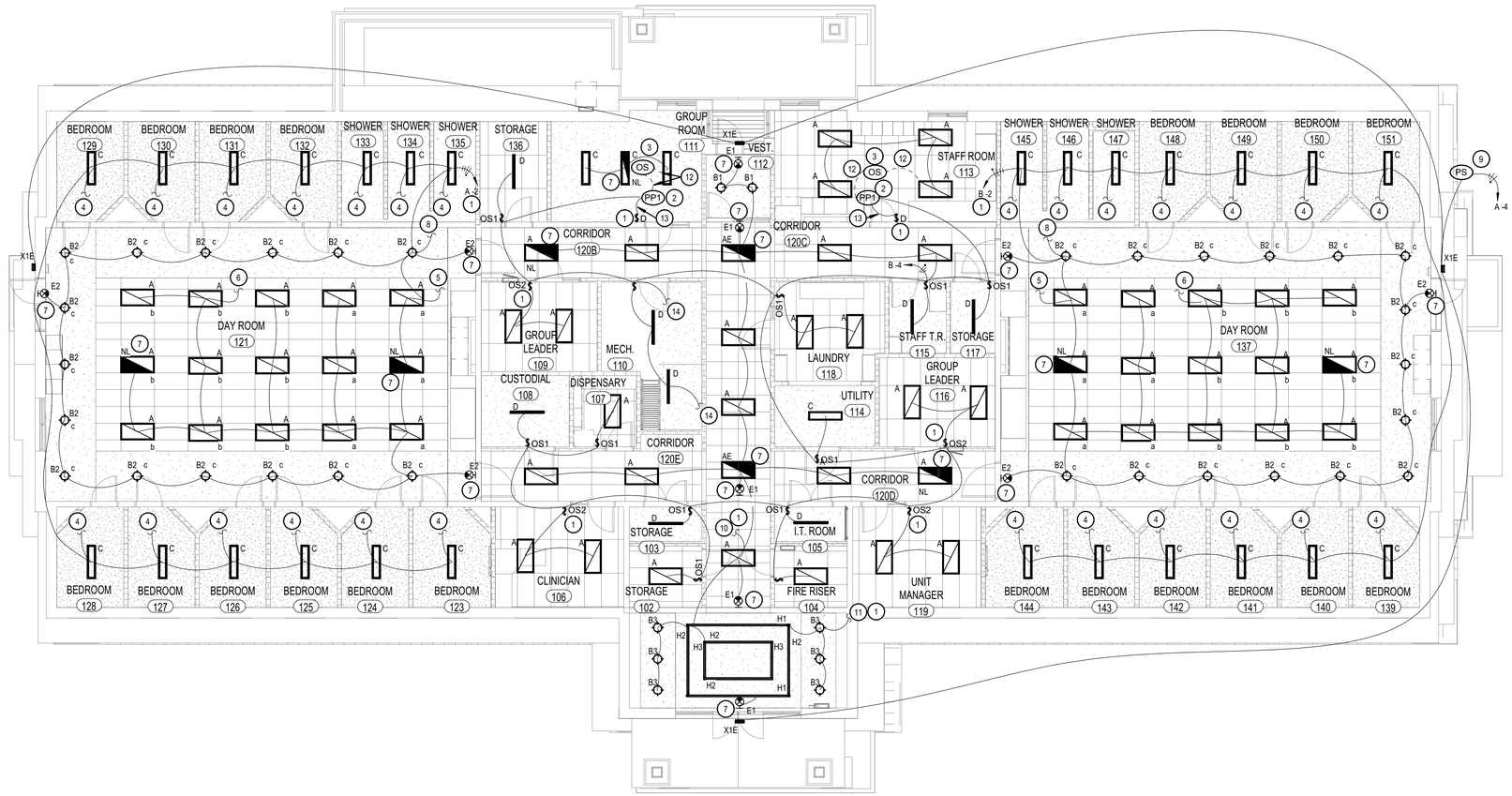
PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: CJ
CHECKED BY: MB

DRAWING NO.: E0.1

1/14/2023 8:51:11 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

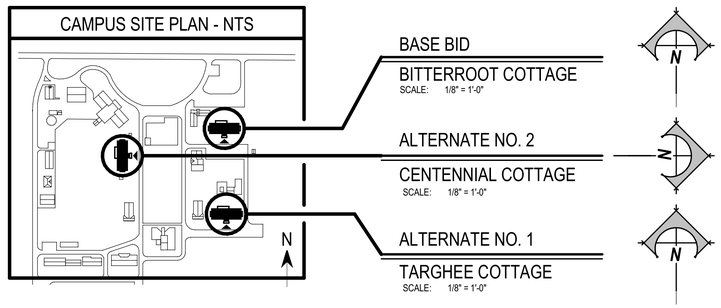
Approved
State of Idaho
Division of Building Safety
Plan Review
By Bojitha Cooper at 2:51 pm, Jun 01, 2023
Review of this plan is for general conformance with adopted International Codes. This review does not authorize violations of any code, law or ordinance. The building official may require corrections and stop work as necessary. The approval of plans does not prevent the building official from requiring corrections if errors are discovered. A building permit is required before any construction work is commenced.
This is not a building permit

1a



LIGHTING PLAN

SCALE: 1/8" = 1'-0"



BASE BID

BITTERROOT COTTAGE

SCALE: 1/8" = 1'-0"

ALTERNATE NO. 2

CENTENNIAL COTTAGE

SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1

TARGHEE COTTAGE

SCALE: 1/8" = 1'-0"

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. INSTALL 0-10V DIMMING CONDUCTORS TO ALL LIGHTS CONTROLLED BY THIS SWITCH.
2. INSTALL POWER PACK COMPATIBLE WITH CEILING OCCUPANCY SENSOR.
3. INSTALL DUAL TECHNOLOGY CEILING MOUNT SMALL MOTION OCCUPANCY SENSOR AND CONNECT WITH LOW VOLTAGE CABLE AS RECOMMENDED BY THE MANUFACTURER.
4. CONNECT DAYTIME LIGHT TO CONTROLS IN ACCESS CONTROL ROOM 201. CONNECT NIGHTTIME LIGHT TO CONTROLS IN IT ROOM. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
5. CONNECT ZONE A TO CONTROLS IN ACCESS CONTROL ROOM 201. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
6. CONNECT ZONE B TO CONTROLS IN ACCESS CONTROL ROOM 201. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
7. EXIT SIGN, EMERGENCY LIGHT, AND/OR NIGHT LIGHT. CONNECT (ALWAYS HOT) TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY LIGHTING CONTROLS. CONNECT TO CONTROLS IN IT ROOM. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
8. CONNECT ZONE D TO CONTROLS IN ACCESS CONTROL ROOM. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
9. INSTALL PHOTOCELL COMPATIBLE WITH LIGHTS AT 1FT BELOW PARAPET.
10. CONNECT HALLWAY LIGHTS TO CONTROLS IN ACCESS CONTROL ROOM 201. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
11. CONNECT LOBBY LIGHTS TO CONTROLS IN ACCESS CONTROL ROOM 201. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
12. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL LOW VOLTAGE CABLE BETWEEN CEILING MOUNT OCCUPANCY SENSORS, LOW VOLTAGE SWITCH, AND POWER PACK AS RECOMMENDED BY THE MANUFACTURER.
13. INSTALL 0-10V DIMMING CONDUCTORS AND 24V LOW VOLTAGE CABLE BETWEEN POWER PACK AND SWITCH AS RECOMMENDED BY THE MANUFACTURER.
14. CONNECT TO LIGHTING ON MEZZANINE LEVEL. SEE SHEET E1.2.

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PROJECT NO. 21-471

PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
LIGHTING PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
E1.1

1/14/2023 8:51:12 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL_MODEL.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review - COMM
Approval is granted only for the specific scope of work detailed in the approved plans. Any deviation from the approved plans must be submitted for review and approval prior to construction. The approval of plans is not an approval of omissions. It is the responsibility of the owner and/or contractor to be familiar with, and comply with, all applicable codes, standards, and ordinances.
This is not a building permit

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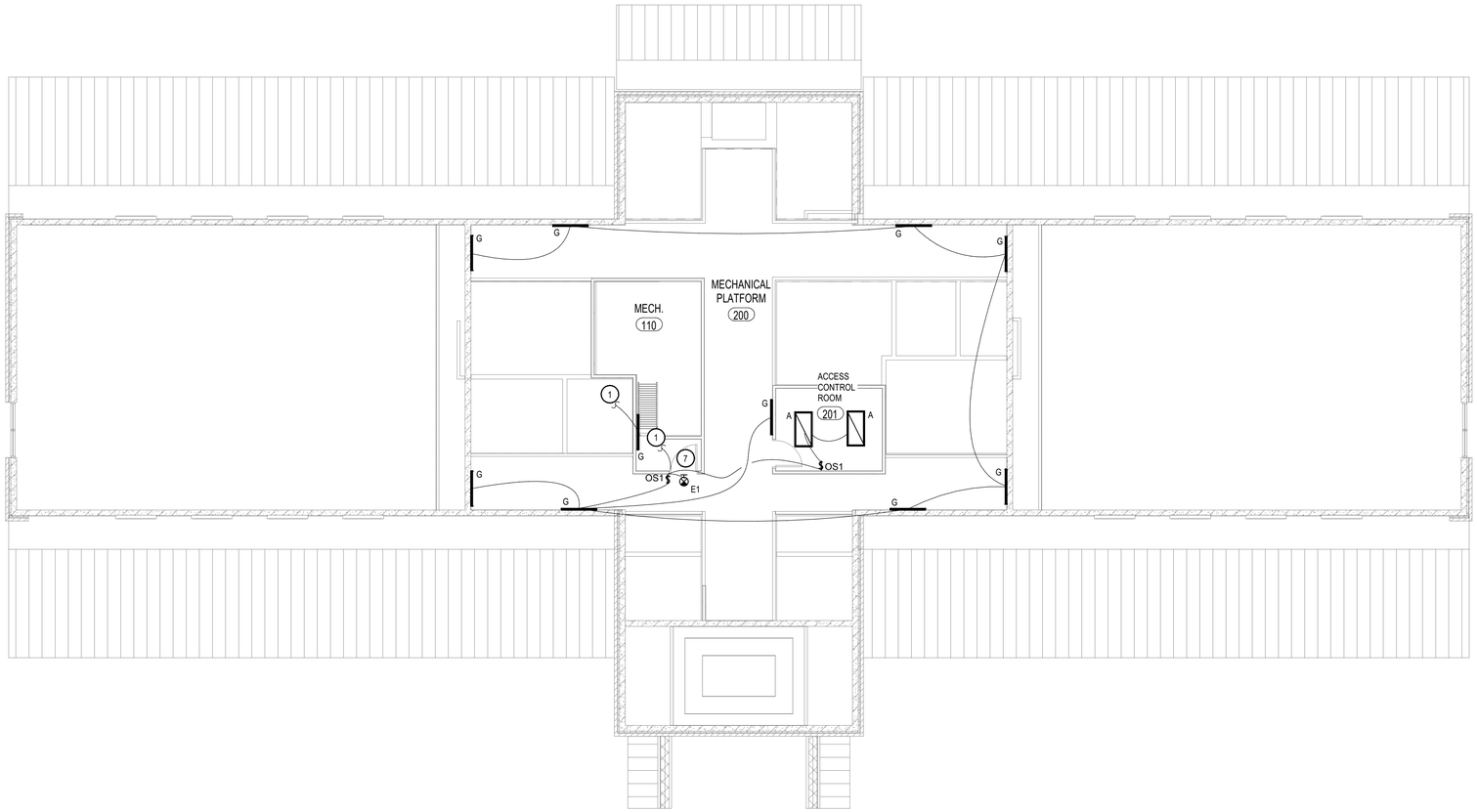
PROJECT NO. 21-471

PROFESSIONAL ENGINEER REGISTERED 13299 12-30-2023 STATE OF IDAHO MATTHEW N. BRADLEY

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

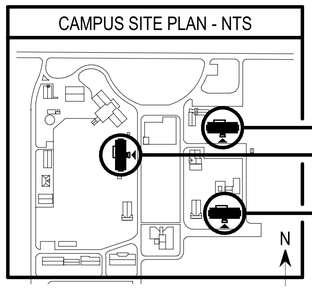
1. CONNECT TO LIGHTING ON 1ST LEVEL. SEE SHEET E1.1.



MEZZANINE LIGHTING PLAN

SCALE: 1/8" = 1'-0"

CAMPUS SITE PLAN - NTS



BASE BID

BITTERROOT COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 2

CENTENNIAL COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1

TARGHEE COTTAGE
SCALE: 1/8" = 1'-0"

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MEZZANINE LIGHTING PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

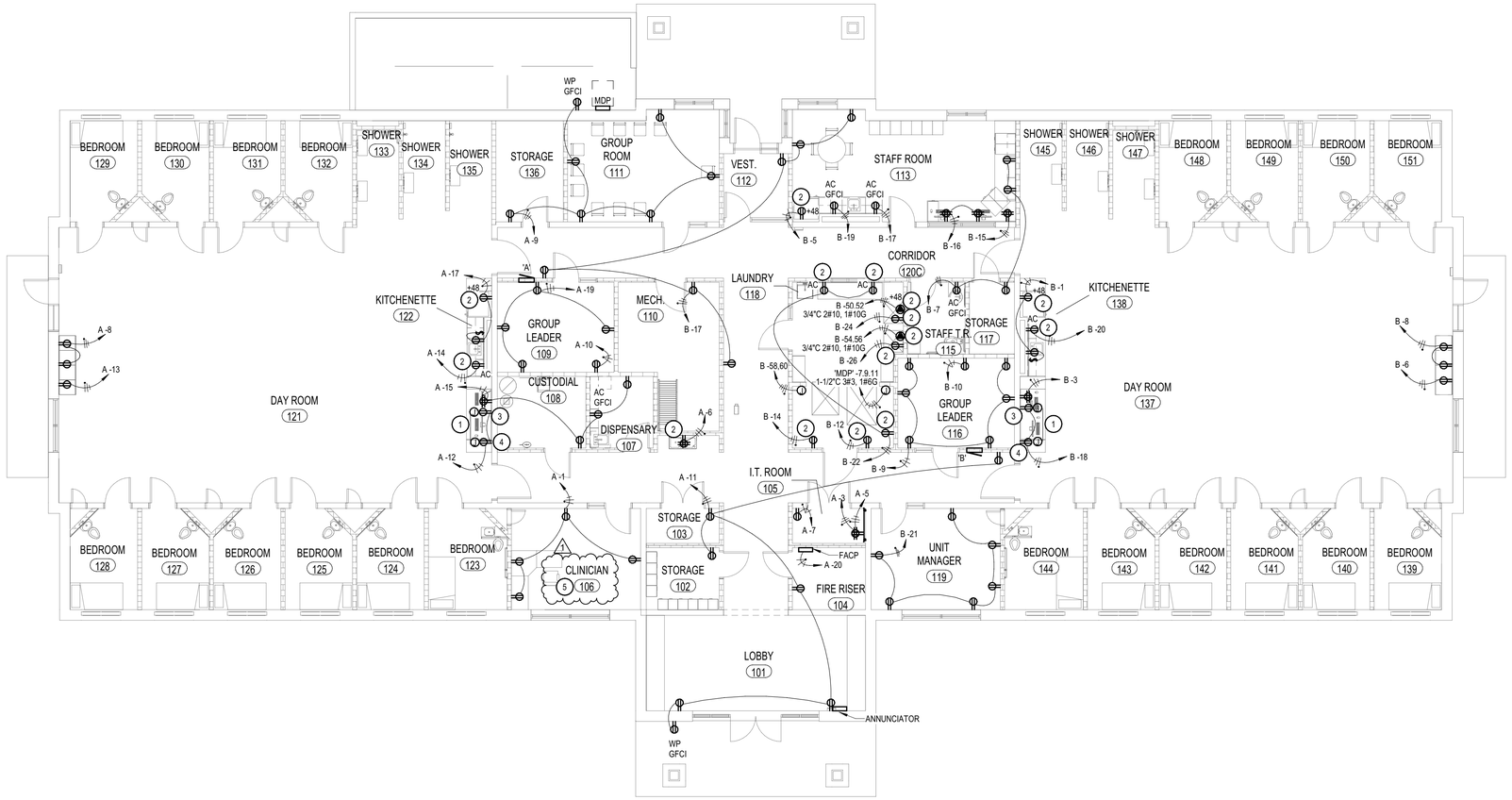
PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: CJ
CHECKED BY: MB

DRAWING NO.: E1.2

1/14/2023 8:51:12 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

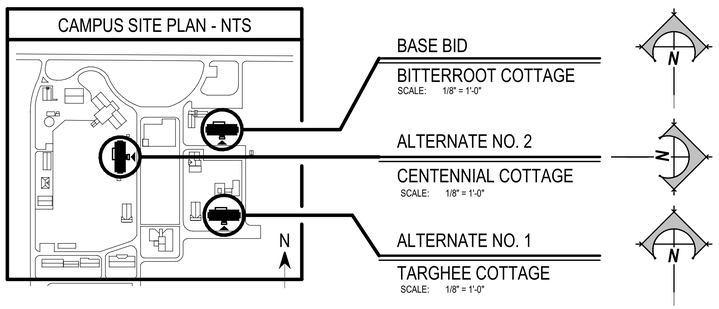
Approved
State of Idaho
Division of Building Safety
Plan Review Group
Plans approved as noted or marked in red. Approval of these plans does not include approval of any omissions or errors. The contractor shall be responsible for all dimensions and conditions on the job. The contractor shall be responsible for compliance with all applicable codes and standards. Approval of these plans does not authorize any violation of any code or law. Approved plans must be on the job site available to the inspector during inspection visits. Permit number must be posted on the job site.
This is not a building permit

1a



POWER PLAN

SCALE: 1/8" = 1'-0"



BASE BID

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SCALE: 1/8" = 1'-0"

ALTERNATE NO. 2

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KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. 1"C FOR AUDIO VISUAL CABLE FROM TV TO DVD PLAYER IN CABINET.
2. GROUND FAULT INTERRUPTING CIRCUIT BREAKER INSTALLED IN ELECTRICAL PANEL.
3. RECEPTACLE FOR TV, COORDINATE LOCATION WITH ARCHITECT PRIOR TO WORK.
4. RECEPTACLE FOR DVD PLAYER IN CABINET, COORDINATE LOCATION WITH ARCHITECT PRIOR TO WORK.
5. INSTALL POWER IN ROOM PER NEC517. 1

GENERAL NOTES: 1

1. RECEPTACLES THROUGHOUT SHALL BE TAMPER RESISTANT PER NEC406.12(7).

PROFESSIONAL ENGINEER — STATE OF IDAHO — 13299 — 05/22/2023 — MATTHEW N. BRADLEY

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(P) 208.522.8779 (F) 208.522.8785 (W) nbwarchitects.com

DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: POWER PLAN

REVISIONS

1	DBS REVIEW COMMENTS	5/17/23
1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: CJ
CHECKED BY: MB

DRAWING NO.:

E2.1

5/19/2023 3:41:25 PM P:\Files\2022\21471\WORKING MEP\21471_ELECTRICAL_MODEL.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review - COMP
Approved as noted. Approval of these plans does not authorize any violation of state laws, local ordinances or regulations. The building official may require modifications to these plans and specifications when found to be in violation of applicable codes. A permit must be obtained before any work is started. The approved plans must be on the job site available to inspectors during inspection visits. Inspections.
This is not a building permit

1a

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645 West 25th Street
Idaho Falls, ID 83402
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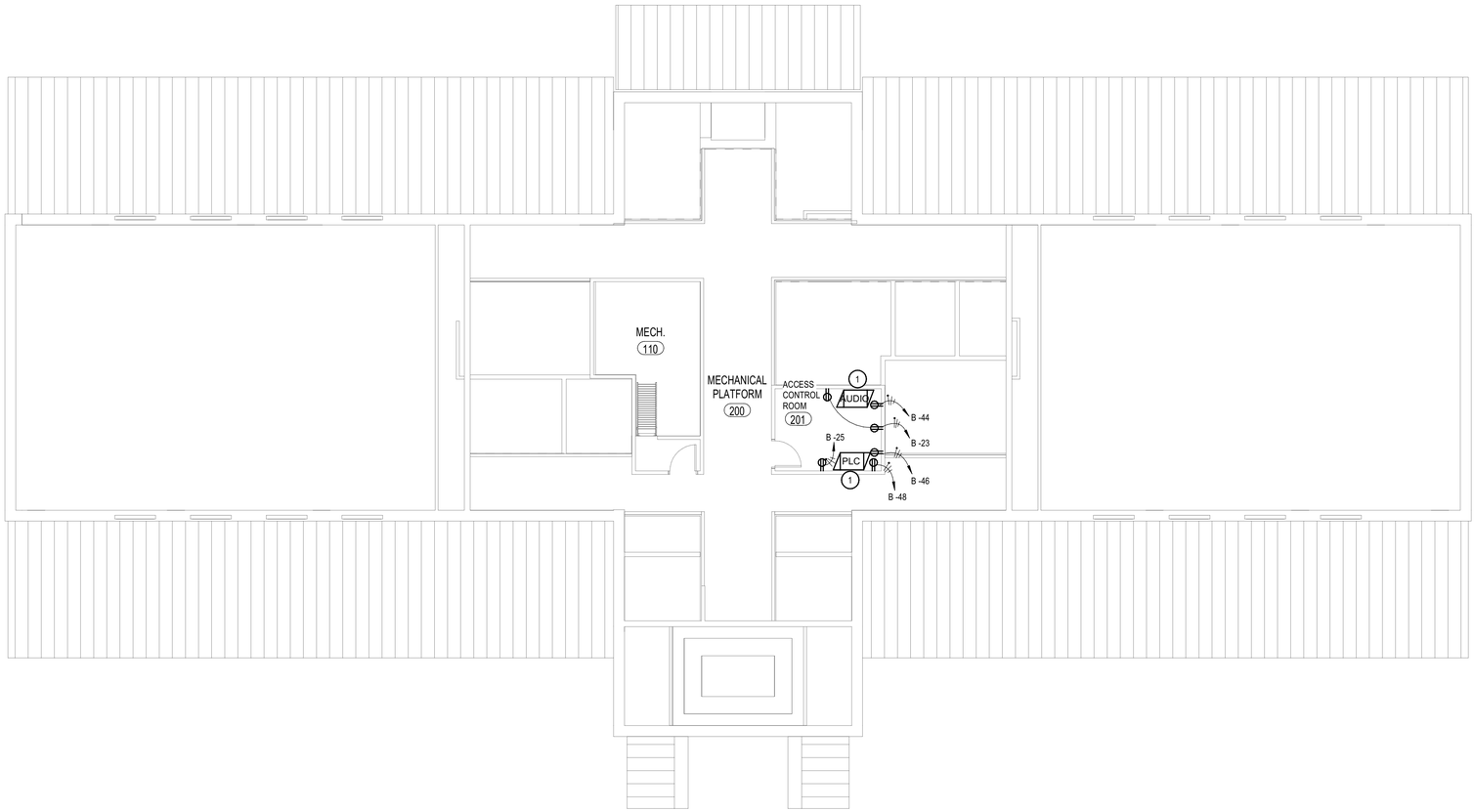
www.musgrovepa.com

PROJECT NO. 21-471

KEYED NOTES:

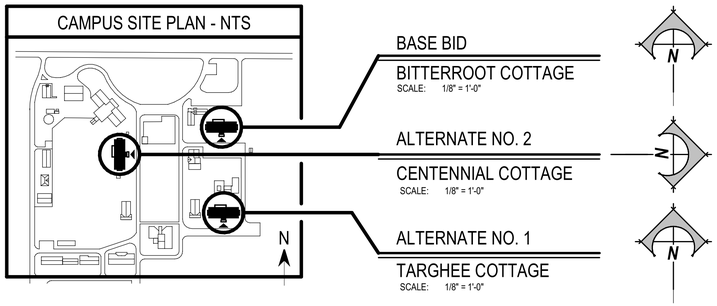
(#) SYMBOL USED FOR CALLOUT

1. AUDIO/PLC TERMINATION RACK. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.



MEZZANINE POWER AND ACCESS CONTROLS PLAN

SCALE: 1/8" = 1'-0"



BASE BID

BITTERROOT COTTAGE

SCALE: 1/8" = 1'-0"

ALTERNATE NO. 2

CENTENNIAL COTTAGE

SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1

TARGHEE COTTAGE

SCALE: 1/8" = 1'-0"

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PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
MEZZANINE POWER AND ACCESS CONTROLS PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

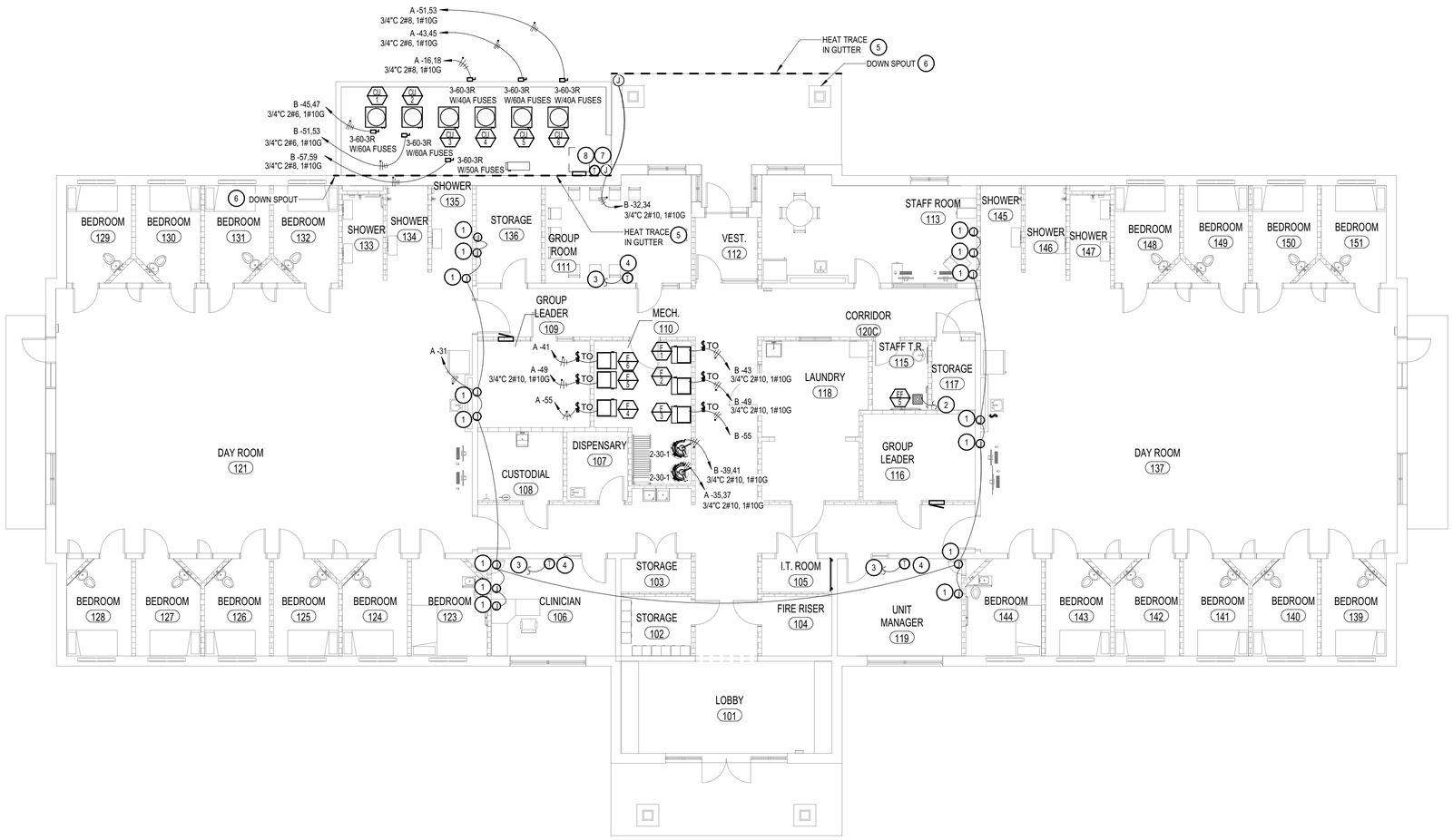
DRAWING NO.:

E2.2

1/14/2023 8:51:14 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

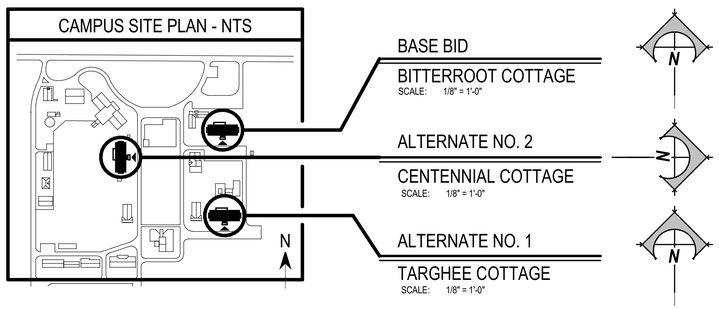
Approved
State of Idaho
Division of Building Safety
Plan Review - Group
Reviewed for code compliance only. The design professional in responsible charge is responsible for the project design and plan accuracy. The approval shall not be construed to be an approval of a violation of any provisions of these codes. Field inspections will be performed by the jurisdiction having authority.
This is not a building permit

1a



MECHANICAL POWER PLAN

SCALE: 1/8" = 1'-0"



BASE BID

BITTERROOT COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 2

CENTENNIAL COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1

TARGHEE COTTAGE
SCALE: 1/8" = 1'-0"

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. JUNCTION BOX FOR FIRE DAMPER.
2. CONNECT TO LIGHTING CIRCUIT IN ROOM.
3. 3/4"C FROM THERMOSTAT/SENSOR TO MECHANICAL EQUIPMENT.
4. SEE E6.1 FOR THERMOSTAT ROUGH-IN ELEVATION DETAIL.
5. NVENT RAYCHEM SELF-REGULATING DE-ICING HEATING CABLE GM-2XT OR EQUAL.
6. EXTEND HEATING CABLE 12 INCHES PAST BOTOM OF DOWNSPOUT.
7. POWER CONNECTION KIT, NVENT PAYCHEM RAYCIC-PC OR EQUAL.
8. INSTALL HEAT TRACE THERMOSTAT ON WALL UNDER EAVE NVENT RAYCHEM AMC-1A OR EQUAL.

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PROJECT NO. 21-471

PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MECHANICAL POWER PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

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21023
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DECEMBER 2022
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CJ
CHECKED BY:
MB

DRAWING NO.:

E3.1

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Approved
State of Idaho
Division of Building Safety
Plan Review - COMM
Reviewed for code compliance only. The building official, design professionals and contractors are responsible for compliance with adopted codes and standards. The approved plans must be on site and available for use by all parties performing inspections. Failure to comply may result in a stop work order.
This is not a building permit

1a

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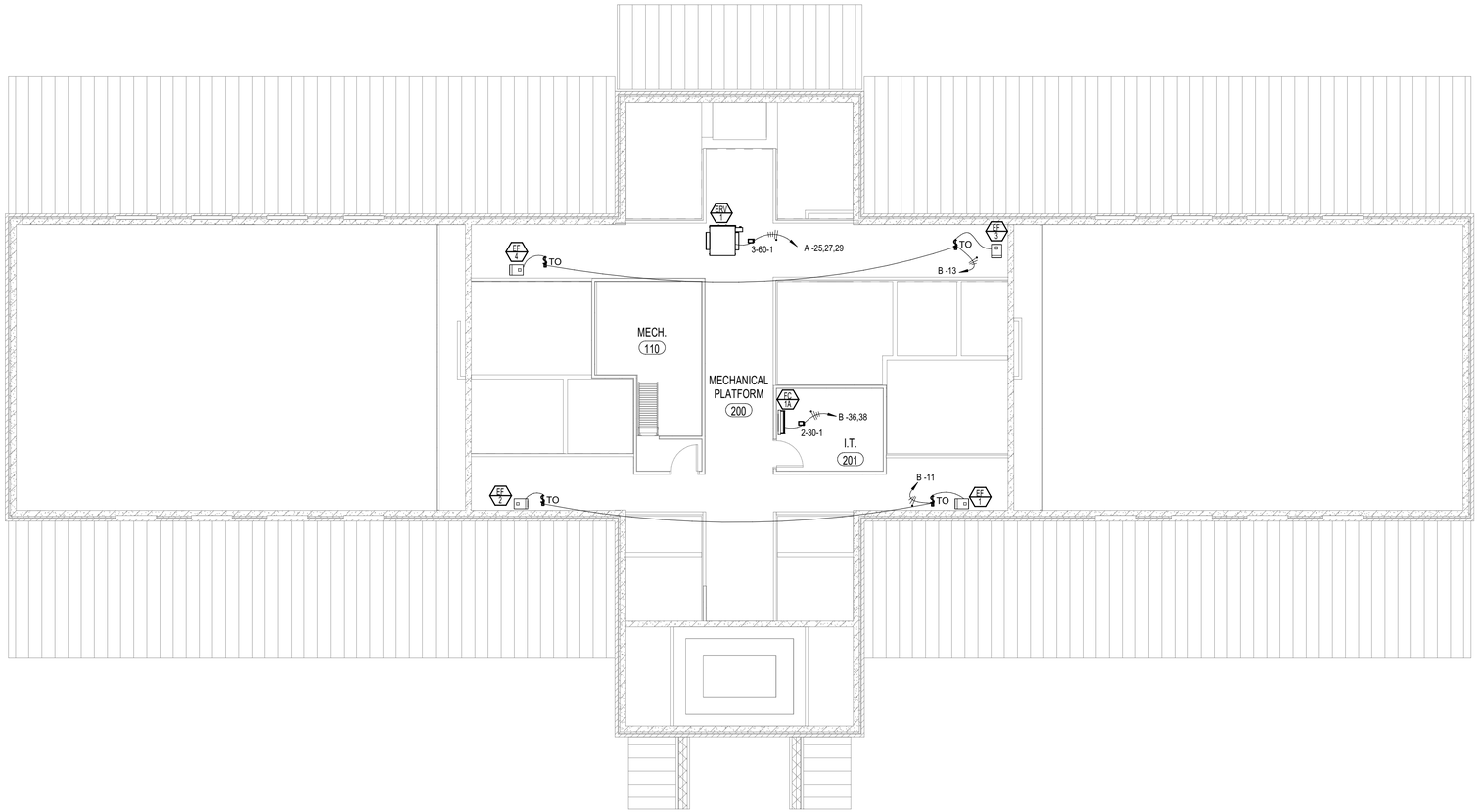
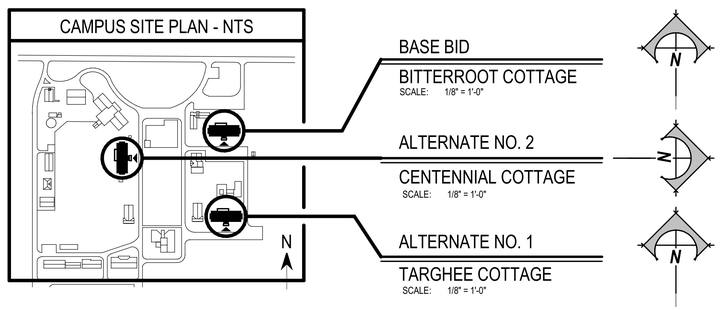
PROJECT NO. 21-471



MEZZANINE MECHANICAL POWER PLAN

SCALE: 1/8" = 1'-0"



BASE BID
BITTERROOT COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 2
CENTENNIAL COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1
TARGHEE COTTAGE
SCALE: 1/8" = 1'-0"

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PROFESSIONAL ENGINEER REGISTERED 13299 12-30-2023 STATE OF IDAHO MATTHEW N. BRADLEY

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: MEZZANINE MECHANICAL POWER PLAN

REVISIONS

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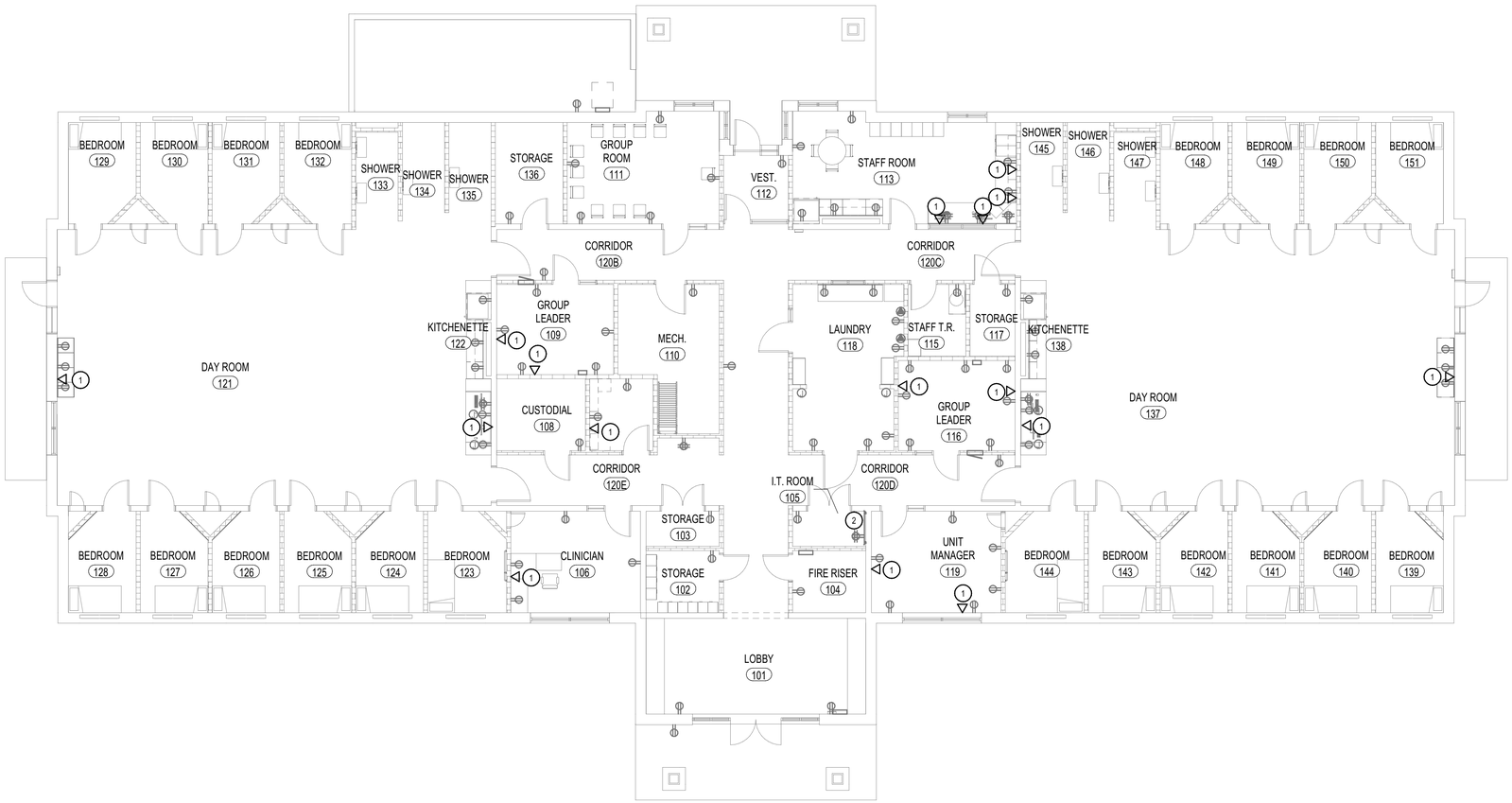
DRAWING NO.:

E3.2

1/14/2023 8:51:16 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review Group
Plan review is based upon the applicable codes adopted by the State of Idaho. Approval of construction documents does not authorize violation of any code, law or ordinance. The approval is valid for construction only when the approved plans are on file at the jobsite. Any deviations from building code requirements must be approved by the plan review group prior to construction.
This is not a building permit

1a



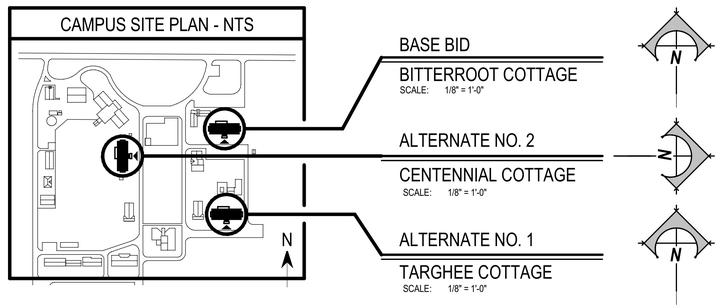
SPECIAL SYSTEMS PLAN

SCALE: 1/8" = 1'-0"

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. SEE SHEET E6.1 FOR POWER/DATA ROUGH-IN ELEVATION DETAIL.
2. SEE SHEET E6.1 FOR TELEPHONE BACKBOARD ROUGH-IN ELEVATION DETAIL.



BASE BID
BITTERROOT COTTAGE
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CENTENNIAL COTTAGE
SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1
TARGHEE COTTAGE
SCALE: 1/8" = 1'-0"

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PROFESSIONAL ENGINEER REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
SPECIAL SYSTEMS PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
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DATE:
DECEMBER 2022
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MB

DRAWING NO.:
E4.1

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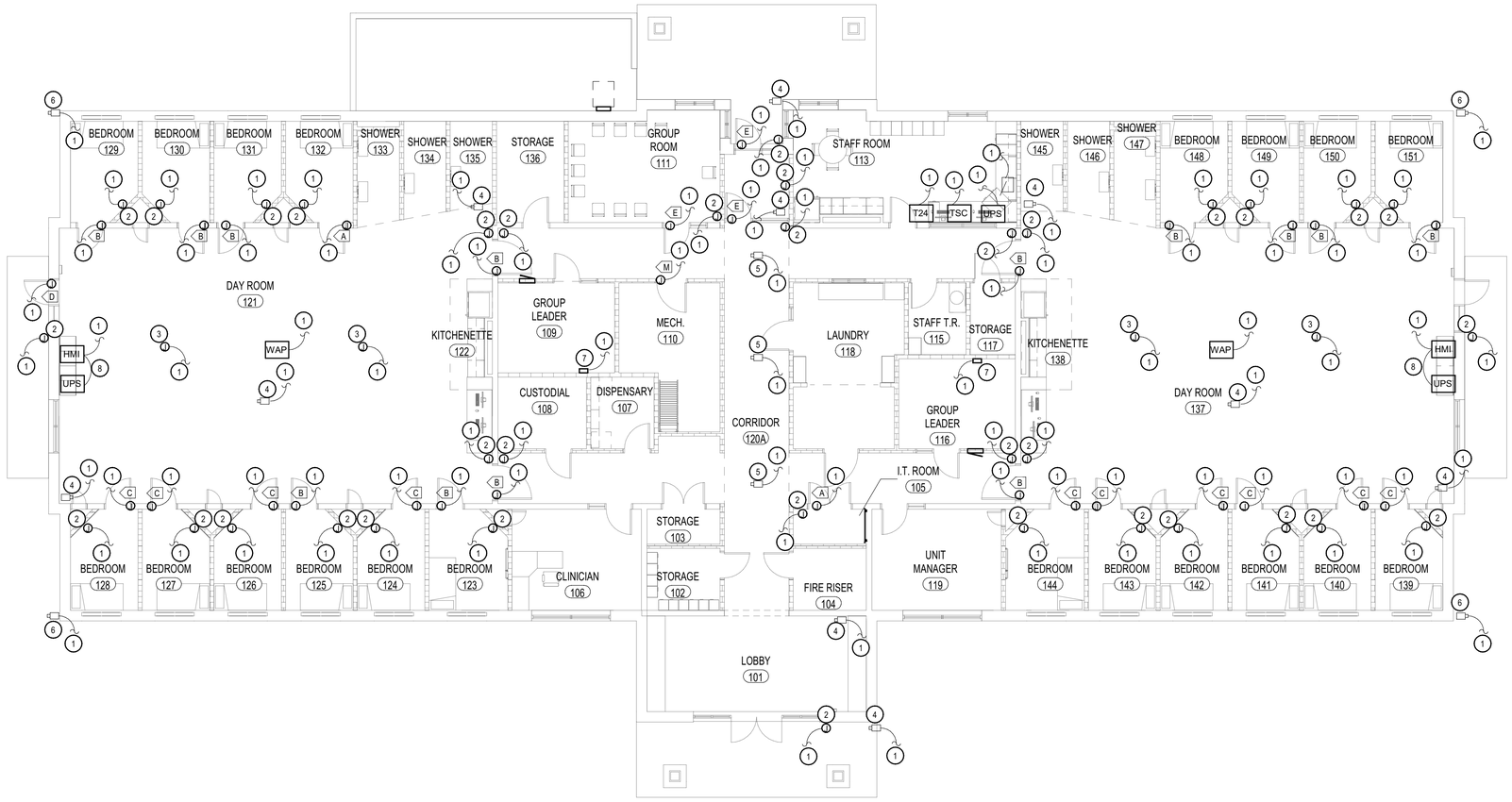
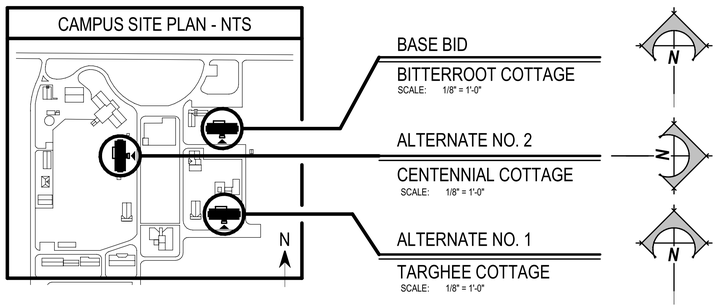
Approved
Division of Building Safety
Plan Review - cdop
Permit Number
Jurisdiction
The approval of plans and specifications does not permit the violation of any section of the International Building Code or any other law or ordinance of this jurisdiction. The approval is based on the information contained in the plans and specifications and any deviations may require additional review and approval before proceeding with the work.
This is not a building permit

1a



ACCESS CONTROL PLAN

SCALE: 1/8" = 1'-0"



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ALTERNATE NO. 2

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SCALE: 1/8" = 1'-0"

ALTERNATE NO. 1

TARGHEE COTTAGE
SCALE: 1/8" = 1'-0"

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. CONDUIT AND CABLE TO CEILING ABOVE AUDIO PLC RACK IN ACCESS CONTROL ROOM 201 SEE ACCESS SECURITY CONTROL INFORMATION ON DRAWINGS E4.3 AND E4.4. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.
2. JUNCTION BOX FOR INTERCOM STATION. SEE ACCESS CONTROL LEGEND ON E4.3.
3. JUNCTION BOX FOR PAGING SPEAKER. SEE ACCESS CONTROL LEGEND ON E4.3.
4. OWNER PROVIDED CAMERA TYPE A. SEE ACCESS CONTROL LEGEND ON E4.3.
5. OWNER PROVIDED CAMERA TYPE B. SEE ACCESS CONTROL LEGEND ON E4.3.
6. OWNER PROVIDED CAMERA TYPE C. SEE ACCESS CONTROL LEGEND ON E4.3.
7. ACCESS CONTROL UTILITY CABINET. COORDINATE FINAL LOCATION WITH ACCURATE CONTROLS PRIOR TO INSTALLATION.
8. 3/4"C FROM UPS TO RCS. SEE E4.3 FOR MORE INFORMATION. COORDINATE WITH ACCURATE CONTROLS PRIOR TO WORK.

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ACCESS CONTROL PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
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CJ
CHECKED BY:
MB

DRAWING NO.:

E4.2

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Approved
Structure Idaho Building Safety
Permit #: 00000
Date: 01/24/2023
This approval is for the construction documents only. The approval of these documents does not authorize the violation of any code, law or ordinance. The approval is valid for one year from date of approval. Construction must be completed and inspected within one year of permit issuance or the permit will become invalid.
This is not a building permit

1a

SYMBOLS	POWER REQUIREMENTS	WIRING REQUIREMENTS	BACKBOX REQUIREMENTS	CONDUIT SIZE & GROUP
	SEE NOTE 1.	SEE NOTE 2.	SEE NOTE 3.	SEE NOTE 4.
LOCK TYPE — A DOOR INTERLOCK GROUP X — IL — X				
A = SECURITY GRADE SWING DOOR		5 – #14 AWG MIN CLASS 1 CONDUCTORS PER NEC 4 – #18 AWG MIN CLASS 1 CONDUCTORS PER NEC	BY D.E.C. (IN DOOR FRAME)	3/4" – GROUP A
B = BUILDERS GRADE SWING DOOR		5 – #14 AWG MIN CLASS 1 CONDUCTORS PER NEC 4 – #18 AWG MIN CLASS 1 CONDUCTORS PER NEC	BY D.E.C. (IN DOOR FRAME)	3/4" – GROUP A
= INTERCOM STATION (ANALOG)		1 – WEST PENN 357	TWO GANG MASONRY 3.5" DEEP	3/4" – GROUP B
= PAGING SPEAKER		SEE AUDIO WIRE CHART	CUSTOM BY SEC	3/4" – GROUP B
WAP = WIRELESS ACCESS POINT		1 – WEST PENN 4246	SINGLE GANG MASONRY 3.5" DEEP	3/4" – GROUP D
A = TIMESERVER ANTENNA		1 – WEST PENN 4246	SEE MOUNTING DETAIL	3/4" – GROUP C
= DAY LIGHT	POWER REQUIREMENTS DETERMINED BY ELECTRICAL CONTRACTOR	(1) WEST PENN 241	REQUIREMENTS DETERMINED BY ELECTRICAL CONTRACTOR	REQUIREMENTS DETERMINED BY ELECTRICAL CONTRACTOR
= NIGHT LIGHT	POWER REQUIREMENTS DETERMINED BY ELECTRICAL CONTRACTOR	(1) WEST PENN 241	REQUIREMENTS DETERMINED BY ELECTRICAL CONTRACTOR	REQUIREMENTS DETERMINED BY ELECTRICAL CONTRACTOR
RACK = EQUIPMENT RACKS	SEE INTERCONNECTS	SEE INTERCONNECTS	PER NEC, BACKBOX REQUIRES 3' CLEARANCE IN FRONT OF BACKBOX AND MUST BE CLEAR OF OBSTRUCTIONS.	
COMPUTER TOWER TSC RCS = REMOTE CONTROL SERVER TSC = TOUCHSCREEN & EVENT LOGGING COMPUTER HMI = WALLMOUNTED TOUCHSCREEN INTERFACE	1 – 120VAC OUTLET REQUIRED	1 – WEST PENN 4246	SINGLE GANG MASONRY – PER MILLWORK REQ	3/4" – GROUP C
COMPUTER MONITOR T 22 T = TOUCHSCREEN MONITOR MONITOR SIZE IN INCHES	1 – 120VAC OUTLET REQUIRED	WIRED TO COMPUTER SEE INTERCONNECTS	WIRED TO COMPUTER SEE INTERCONNECTS	
= DESKTOP INTERCOM MASTERSTATION(DIMS)(DIGITAL)	1 – 120VAC OUTLET REQUIRED	1 – WEST PENN 4246	SINGLE GANG MASONRY – PER MILLWORK REQ	3/4" – GROUP C
UPS = WORKSTATION UPS	1 – 120VAC OUTLET REQUIRED	1 – USB TO COMPUTER	SINGLE GANG MASONRY – PER MILLWORK REQ	3/4" – GROUP C
= PRINTER	1 – 120VAC OUTLET REQUIRED	WIRED TO COMPUTER SEE INTERCONNECTS	WIRED TO COMPUTER SEE INTERCONNECTS	3/4" – GROUP C

NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE 120VAC & 208VAC INPUT POWER, CONNECTIONS AND POWER DISTRIBUTION OF THE VARIOUS SYSTEMS TO GENERATOR POWER THROUGH UPS. TERMINATION OF THE 120VAC POWER, UTILITY CONTROL PANELS AND FIRE ALARM SYSTEMS ARE ALSO BY THE ELECTRICAL CONTRACTOR. REFER TO SPECIFICATION SECTION GENERAL REQUIREMENTS FOR DELINEATION OF RESPONSIBILITY.

   120VAC & 208VAC POWER TO SECURITY ELECTRONICS, EQUIPMENT CABINETS, AND OPERATOR STATIONS SHALL BE BY THE ELECTRICAL CONTRACTOR.

   ALL CONDUIT AND BACK BOXES REQUIRED FOR POWER DISTRIBUTION TO DEVICES, BY ELECTRICAL CONTRACTOR.

   ANY CABLE PLACED UNDERGROUND NEEDS TO BE RATED FOR DIRECT BURIAL WET TYPE LOCATIONS. CABLE SPECIFIED IS NOT INTENDED FOR INSTALLATION IN ANYTHING BUT A COMPLETE CONDUIT SYSTEM. INSTALLED CABLE MUST COMPLY WITH ALL NATIONAL ELECTRICAL CODES.

2. EACH SECURITY DEVICE REQUIRES AN INDIVIDUAL HOMERUN ROUTED BACK TO THE NOTED HEADEND EQUIPMENT ROOM AND CABINET. CONDUIT SYSTEMS AND POWER TO SECURITY ELECTRONICS, EQUIPMENT CABINETS, AND OPERATOR STATIONS SHALL BE BY THE ELECTRICAL CONTRACTOR. COORDINATE LOCATION OF CEILING MOUNTED EQUIPMENT WITH ALL OTHER TRADES.

   ANY CABLE PLACED UNDERGROUND NEEDS TO BE RATED FOR DIRECT BURIAL WET TYPE LOCATIONS. CABLE SPECIFIED IS NOT INTENDED FOR INSTALLATION IN ANYTHING BUT A COMPLETE CONDUIT SYSTEM. INSTALLED CABLE MUST COMPLY WITH ALL NATIONAL ELECTRICAL CODES.

   IF SPECIFICATION AND N.E.C. ALLOWS CABLE TRAYS, OR OTHER EXPOSED RACEWAY, ALL CABLE INSTALLED IN THE CABLE TRAY/RACEWAY WILL BE PLENUM RATED AS REQUIRED BY N.E.C.

   THE ELECTRICAL CONTRACTOR SHALL DESIGN, FURNISH, INSTALL, AND PLACE IN SATISFACTORY CONDITION ALL CONDUITS/RACEWAYS, BOXES, CONDUCTORS, CONNECTIONS, AND ALL OTHER MATERIALS REQUIRED FOR THE SECURITY ELECTRONICS SYSTEMS. RACEWAY AND CONDUIT PATHS SHOULD TAKE THE MOST DIRECT PATH AVAILABLE. ALL CABLING PROVIDED BY THE ELECTRICAL CONTRACTOR SHALL BE IN CONDUIT WHERE DETERMINED, AND CONTINUOUS BETWEEN THE FIELD DEVICE AND THE HEAD–END EQUIPMENT LOCATION. THE CABLES SHALL BE INSTALLED IN A QUALITY WORKMANSHIP METHOD, WITH NO SPLICES, AND FREE OF ANY BREAKS OR DAMAGE.

   CATEGORY/NETWORK CABLE REQUIRES INSTALLATION TO TYPICAL STANDARDS (BICSI, ETC.). CATEGORY CABLE IS LIMITED TO 100 METERS MAXIMUM LENGTH. COORDINATE CONDUIT AND CABLE PATH TO COMPLY WITH INDUSTRY STANDARDS.

   WHEN THE LOCK CASE IS GROUNDED IN ACCORDANCE WITHARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, THE GROUND WIRE IS NOT REQUIRED.

3. ALL STANDARD BACKBOXES ARE BY THE ELECTRICAL CONTRACTOR. SEE ALSO 'POWER REQUIREMENTS' COLUMN FOR BACKBOX NEED FOR POWER.

   ELECTRICAL CONTRACTOR MAY GROUP DEVICES PER THE CONDUIT GROUP BUT MUST UP SIZE BACKBOX ACCORDINGLY. GROUP LIKE DEVICE BACKBOXES AS INDICATED BY GROUP NUMBER REFERENCED. DO NOT MIX BACKBOX GROUPS.

4. ELECTRICAL CONTRACTOR TO PROVIDE A COMPLETE RACEWAY SYSTEM WHICH INCLUDES WIRE WAY, WIRE DUCT, UNDERGROUND DUCT BANKS, PULL STRINGS AND MOUNTING OF SECURITY SYSTEM SPECIALTY BACKBOXES. SPECIALTY BACKBOXES INCLUDE EQUIPMENT CABINETS, RACKS AND ENCLOSURES AS WELL AS SPEAKER BACKBOXES AND CAMERA HOUSINGS. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ANY LABOR AND MATERIAL TO EXTEND THE CONDUIT SYSTEM TO EACH SECURITY SYSTEM EQUIPMENT RACK, CABINET, ENCLOSURE, SPEAKER BACKBOX OR CAMERA HOUSING AS REQUIRED BY SECURITY SYSTEM DESIGN.

   ELECTRICAL CONTRACTOR TO PROVIDE WIRE WAY/WIRE DUCT ABOVE AND/OR BELOW ALL SECURITY EQUIPMENT CABINETS, RACKS, AND ENCLOSURES. PROVIDE REQUIRED SEPARATION BETWEEN CLASS I AND CLASS II WIRING. CONDUIT SIZE LISTED IS THE MINIMUM REQUIREMENT FOR EACH DEVICE SHOWN. ELECTRICAL CONTRACTOR MAY GROUP DEVICES PER THE CONDUIT GROUP BUT MUST UP SIZE ACCORDINGLY. GROUP LIKE DEVICES AS INDICATED BY LETTER REFERENCED. DO NOT MIX GROUPS.

5. THIS LAYOUT IS TYPICAL FOR 3 BUILDINGS.

AUDIO WIRE CHART

WIRE SIZE (AWG)	RESISTANCE PER 1000' WIRE PAIR (Ω)	MAX. SAFE CURRENT (AMPS)	MAX. SAFE POWER (WATTS)	NOMINAL POWER IN LOAD							
				0.5W	1W	2W	5W	10W	20W	30W	40W
				LENGTH OF LINE (FEET)							
#6	0.8	50	1250						4400	2800	2200
#8	1.28	35	870					5600	2840	1940	1420
#10	2	25	625				18200	7200	2600	1820	1040	920
#12	3.2	20	500				11400	4400	2200	1140	760	560
#14	5.2	15	350			14000	7000	2800	1400	700	460	340
#16	8	6	150	18200	9000	4400	1820	900	440	300	220	
#18	13	3	75	11200	5600	2600	1040	560	260	180	140	
#20	20.6	1	25	7200	2600	1800	720	360	180	120		
#22	32.6	0.5	12	4400	2200	1120	440	220	112	112.5		
#24	52.3										

LENGTH OF 2–WIRE 25V LINE DELIVERING VARIOUS VALUES OF POWER AT 1dB. LOSS WIRE MUST BE SHIELDED STRANDED COPPER CABLE.

INITIAL PAGING WATTAGE TAPS SHOULD BE SET TO A LEVEL HIGH ENOUGH TO HEAR UNDER NORMAL CONDITIONS.

FINAL ADJUSTMENTS MAY NEED TO BE IMPLEMENTED ONCE ALL SYSTEMS ARE OPERATIONAL BASED ON THE OWNER'S DISCRETION.

INTERCOMS IN SMALL ROOMS AND CELLS CAN BE TAPPED FOR 0.50 WATTS OR NEAREST VALUE. LARGER ROOMS OR ROOMS WITH HIGHER THAN NORMAL AMBIENT NOISE COULD BE TAPPED AT 1 WATT OR HIGHER. FIELD ADJUSTMENTS MAY BE REQUIRED DEPENDING ON THE OWNER'S NEEDS AND USAGE.

OVERHEAD PAGING SPEAKERS IN SMALLER OR QUIETER ROOMS CAN BE SET TO 0.63W OR NEAREST VALUE. LARGER ROOMS OR ROOMS WITH HIGHER THAN NORMAL AMBIENT NOISE COULD BE TAPPED AT 1.25W OR HIGHER. FIELD ADJUSTMENTS MAY BE REQUIRED DEPENDING ON THE OWNER'S NEEDS AND USAGE.

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www.musgrovepa.com

PROJECT NO. 21-471

PROFESSIONAL ENGINEER REGISTERED 13299 12-30-2023 STATE OF IDAHO MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
990 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8795 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT: DPW PROJECT NO. 21725
DJC. ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE: ACCESS CONTROL DETAILS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

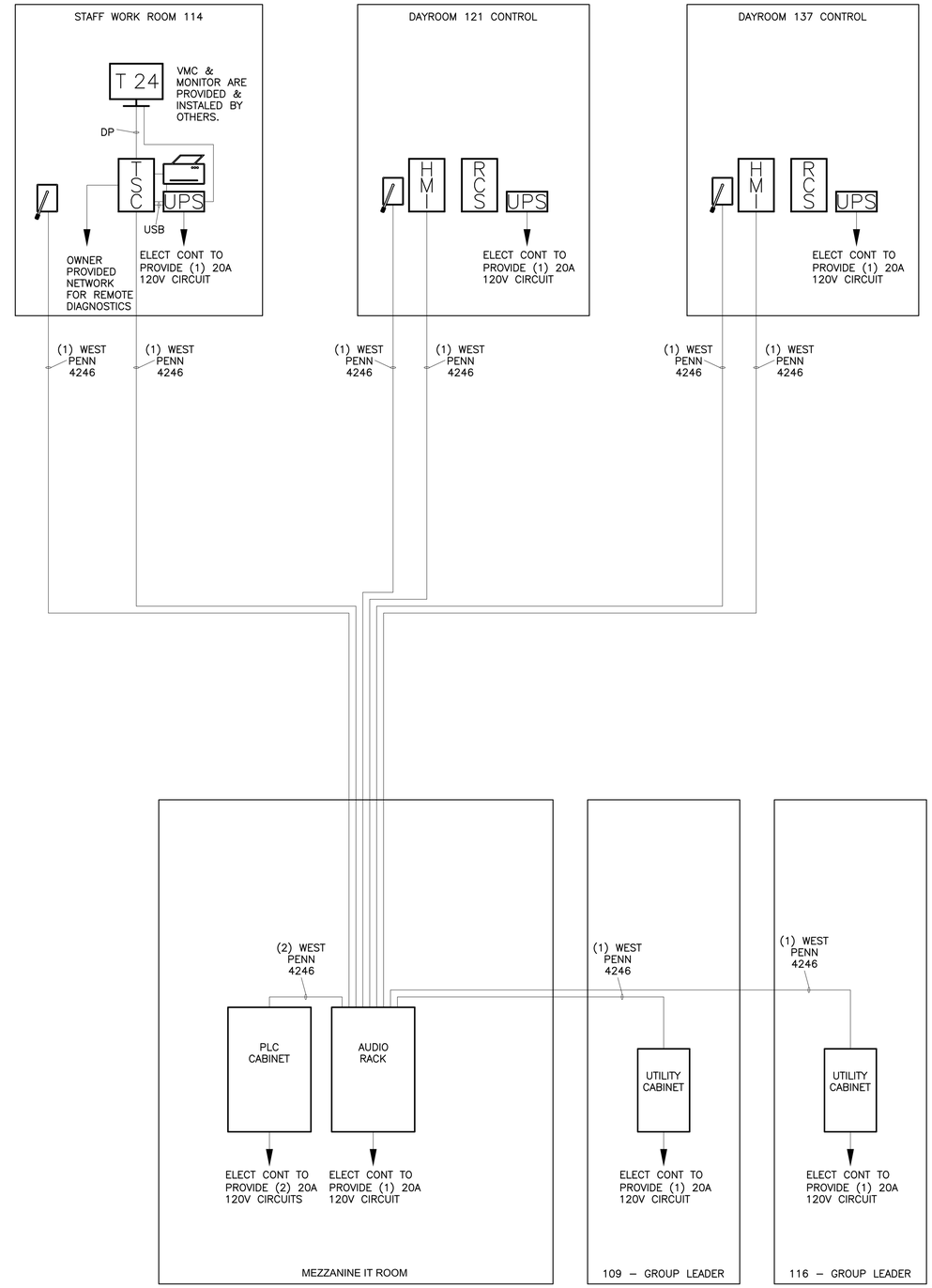
PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
E4.3

Approved
State of Idaho
Division of Building Safety
Plan Review - CDOP
Reviewed for code compliance only. Field verification of code compliance is the responsibility of the contractor and/or owner. The approval shall be void if the plans, building purpose code, or specifications are changed without approval.
This is not a building permit

1a

MUSGROVE ENGINEERING, P.A.
234 S. Whisperwood Way
Boise, ID 83709
208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com
PROJECT NO. 21-471



PROFESSIONAL ENGINEER
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12-30-2023
STATE OF IDAHO
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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ACCESS CONTROL DIAGRAM

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:

E4.4

1/14/2023 8:51:23 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Shelby Idaho Building Safety
Date: 6/01/2023
By: BJ
Permit #: 00000
Approved as noted on plan. Approval of this plan does not authorize the violation of any code or law. The approval of this plan shall not be construed to be a permit for, or an approval of, any violation of any code or law. Building permit is required before any work can begin. Building permit cannot be transferred. This approval shall expire if work is not started within 180 days.
This is not a building permit

1a

120V
SINGLE PHASE METER KWH KW
400:5
EXISTING 75KVA PAD MOUNTED XFMR T-3 7.2KV-240/120V, 1Ø 3W
ASSESSMENT TRAINING PANEL M 400A 240/120VV 1Ø 3W
G N (EXISTING)
EXISTING 4°C 1#2 CU 15 KV CABLE 42" BELOW GRADE RED CONCRETE ENVELOPE 2-2°C SPARE
3 1/2°C 3-500 KCMIL CU 24" BELOW GRADE

EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING SECTIONALIZING ASSEMBLY (4 WAY) SA-2
A (ØA) B (ØB) C (ØC) FRONT WEST
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE

EXISTING SECTIONALIZING ASSEMBLY (3 WAY) SA-3
C (ØC) B (ØB) A (ØA) FRONT SOUTH
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE

EXISTING SECTIONALIZING ASSEMBLY (4 WAY) SA-4
C (ØC) B (ØB) A (ØA) FRONT SOUTH
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
CONTINUED ON E5.2

EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
GENERATOR BYPASS CABLE, DO NOT CONNECT
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING SECTIONALIZING ASSEMBLY (4 WAY) SA-1
A (ØA) B (ØB) C (ØC) FRONT WEST

TO CONTROLS
(2)NPT'S
GROUP 5 ATS CONTROLLER
TO CONTROLS
(2)EPT'S
52N 1200A
52E 1200A
EXISTING 15KV OUTDOOR MVATS TRANSFER SWITCH W/RAIN COVER
EXISTING 500KVA PAD MOUNTED XFMR T-1 12.5KV-480/277V, 3Ø, 4W 95KV BIL
EXISTING 2-4°C 3-500 KCMIL CU NEUTRAL & 1-350 KCMIL CU GND
EXISTING 800A CB 3 POLE GENERATOR OUTPUT BREAKER
G EXISTING 350KW GENERATOR 480V, 3Ø, 60hz 437.5KVA
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING PULL BOX 1
DIP LOOP POLE
UTILITY DISCONNECT EXISTING
TO ROCKY MOUNTAIN POWER EXISTING
12.5KV METERING BY ROCKY MOUNTAIN POWER EXISTING
EXISTING 4°C 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE TO SA-9
CONT ON E-6

EXISTING SECTIONALIZING ASSEMBLY (3 WAY) SA-1A
A (ØA) B (ØB) C (ØC) FRONT WEST
EXISTING SECTIONALIZING ASSEMBLY (3 WAY) SA-1B
A (ØA) B (ØB) C (ØC)

EXISTING 1-3 1/2°C 3-500 KCMIL CU & 1-350 KCMIL CU NEUT 24" BELOW GRADE IN RED CONCRETE ENVELOPE
120V METER KWH KW
RAIN TIGHT
EXISTING DISTRIBUTION PANEL PD2 400A 208/120V 3Ø, 4W
G N
EXISTING 112 1/2KVA PAD MOUNTED XFMR T-2 12.5KV-208/120V, 3Ø 4W
400:5
EXISTING 1 1/4°C 4#3 CU & 1#6 CU GND 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 2°C 4#3/0 CU & 1#6 CU GND 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 4°C 4-350 KCMIL & 1#3 CU GND 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 2°C 4#3/0 CU 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 1 1/4°C 4#3 CU & 1#6 CU GND 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 200A-3P G N CB

BEEF PRODUCTION 200A 208/120V 3Ø, 4W G N (EXISTING)
MACHINE STORAGE 100A 240/120V 1Ø, 3W G N (EXISTING)
MACHINE SHOP 200A 208/120V 3Ø, 4W G N (EXISTING)
CARPENTER SHOP 100A FDS 3Ø, 4W 3-100A FUSES (EXISTING)
BLACKSM SHOP 100A FDS 3Ø, 4W 3-100A FUSES G N (EXISTING)
LAUNDRY BUILDING 400A 3Ø, 4W 2-200A CB FDS G N (EXISTING)

120V METER KWH KW
EXISTING 1 1/2°C 3#1/0 THW CU 1#6 CU GND
EXISTING 2°C 4#3/0 THW CU 1#6 CU GND
EXISTING 1 1/4°C 3#6 CU & 1#8 CU GND 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 60A SERVICE DISC SW
STORE ROOM

PANEL K 200A 240/120V 1Ø 3W (EXISTING)
PANEL A 150A 240/120V 1Ø 3W (EXISTING)
PANEL C 200A 240/120V 1Ø 3W (EXISTING)
PANEL F 100A 240/120V 1Ø 3W (EXISTING)
PANEL B 100A 240/120V 1Ø 3W (EXISTING)
SPLICE BOX
OFFICE HEAT
PANEL D 200A 3Ø 4W (EXISTING)
EDUC BLDG PANEL M 400A 208/120V 3Ø 4W (EXISTING) G N
400:5
ACADEMIC

EXISTING 4°C EXISTING 3#2 CU 15KV CABLE 42" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 225KVA PAD MOUNTED XFMR T-1A 12.5KV-208/120V, 3Ø 4W
120V METER KWH KW
800:5
EXISTING 3-3°C 3#500 KCMIL CU & 1-350 KCMIL CU NEUT IN RED CONCRETE ENVELOPE
800A-3P
EXISTING PANEL PD1, 800A 3Ø, 4W, 208/120V
A (BLACK) B (RED) C (YELLOW)
200A-3P 400A-3P 100A-3P 100A-3P 200A-3P 200A-3P
G N
SPACE SPACE
ISC 30,000
EXISTING 2 1/2°C 4#4/0 CU & 1#4 CU GND 24" BELOW GRADE
EXISTING 2°C 4#3/0 24" BELOW GRADE
PANEL A LOCATED NEXT TO PANEL PD1 (EXISTING)
EXISTING 3°C EXISTING 3-500 KCMIL 1-350 KCMIL NEUT 2-SPARE 3°C 24" BELOW GRADE
PANEL M INDUSTRIAL ARTS 400A 3Ø 4W (EXISTING)
ACADEMIC BOILER HOUSE 100A 3Ø 4W (EXISTING)
EXISTING 2°C 4#1/0 24" BELOW GRADE
CHAPEL 200A 3Ø, 4W (EXISTING)
EXISTING 2°C 4#1/0 24" BELOW GRADE
GEN BUILDING 225A 3Ø, 4W (EXISTING)
WELL HOUSE PNL PH-1 225A 3Ø 4W (EXISTING)

EXISTING 4°C 3#2 AL 15KV 15KV & 1#2 GND CABLE 48" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 112 1/2KVA PAD MOUNTED XFMR T-1B 12.5KV-208/120V 3Ø, 4W
EXISTING 4°C 3-500 KCMIL & 1-350 KCMIL NEUT TO ACADEMIC BLDG PANEL M 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 3°C 4-250 KCMIL TO CENTENNIAL 24" BELOW GRADE
EXISTING CENTENNIAL PANEL M 200A 208/120V 3Ø 4W
G N
TO BE REMOVED
EXISTING 4°C 3#2 AL 15KV 15KV & 1#2 GND CABLE 48" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 225KVA PAD MOUNTED XFMR T-1C 12.5KV-208/120V, 3Ø, 4W
120V METER KWH KW
EXISTING 450A C.B. NEMA 3R CHILLER FEEDER BREAKER ISC AVAILABLE 25,000 AMPS
450A CB 500:5
EXISTING CHILLER CH 1
EXISTING DISCONNECT FURNISHED WITH CHILLER
EXISTING 2-2 1/2°C 4-250 KCMIL CU 24" BELOW GRADE IN RED CONCRETE ENVELOPE
EXISTING 2-2 1/2°C 3-250 KCMIL CU & 1#1 CU GND 24" BELOW GRADE IN RED CONCRETE ENVELOPE
MAG STARTER
PUMP CONTROLLER
IRRIGATION PUMP 20
WELL PUMP 20

EXISTING ONE LINE A

SCALE: 12" = 1'-0"

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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: EXISTING ONE-LINE DIAGRAM A

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO. 21023
DATE: DECEMBER 2022
DRAWN BY: CJ
CHECKED BY: MB

DRAWING NO.: E5.1

1/14/2023 8:51:23 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Date: 6/01/2023
By: Shane Idaho Power Building Safety
Permit Number: 00000
Approval is granted on the condition that the proposed work and plans conform to all applicable laws, ordinances, codes, and regulations of the jurisdiction. Approval of these plans does not authorize the violation of any law, ordinance, code, or regulation. This is not a building permit

1a

CONTINUED ON E5.1

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-5

C (ØC)
B (ØB)
A (ØA)
FRONT SOUTH

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 150KVA
PAD MOUNTED XFMR T-6
12.5KV-208/120V, 3Ø

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING
OWYHEE
400A
208/120V
3Ø 4W
CAB
G N

120V
METER
KWH
KW

400:5

EXISTING 4"C 3-500 KCMIL CU,
1-350 KCMIL NEUT,
& 1#3 CU GND
EXISTING RED CONCRETE CAP

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-6

C (ØC)
B (ØB)
A (ØA)
FRONT SOUTH

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE

EXISTING 100KVA
PAD MOUNTED XFMR T-7
12.5KV-208/120V, 3Ø

120V
METER
KWH
KW

400:5

CARIBOU
EXISTING
PANEL C1
MAIN
400A
208/120V
1Ø 3W
G N

EXISTING 4"C 3-500 KCMIL CU,
1-350 KCMIL NEUT,
& 1#3 CU GND WITH
RED CONCRETE CAP

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

CONTINUED ON E5

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE TO SA-1

EXISTING
PULL BOX 2

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE

A (ØA)
B (ØB)
C (ØC)
FRONT WEST
EXISTING SECTIONALIZING
ASSEMBLY (3 WAY) SA-9

A (ØA)
B (ØB)
C (ØC)
FRONT WEST
EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-7

A (ØA)
B (ØB)
C (ØC)
FRONT WEST
EXISTING SECTIONALIZING
ASSEMBLY (3 WAY) SA-8

TO BE REMOVED

120V
SINGLE PHASE
METER
KWH
KW

EXISTING 4"C
EXISTING 3#2 CU 15KV CABLE
48" BELOW GRADE
WITH RED CONCRETE CAP

RAIN TIGHT
EXISTING
PANEL
PL1
100A
240/120V
1Ø 3W
G N

RAIN TIGHT
EXISTING
DISTRIBUTION
PANEL PD3
400A
240/120V
1Ø 3W
G N

TARGHEE
PANEL MTA
400A
240/120V
1Ø 3W
(EXISTING)
G N G

MEDICAL CENTER
225A
240/120V
1Ø 3W
(EXISTING)
G N

BITTERROOT
PANEL MT
300A
240/120V
1Ø 3W
(EXISTING)
G N

EXISTING 1"C
EXISTING 3#3 CU

EXISTING
3 1/2"C 2-500 KCMIL CU
& 1-350 KCMIL CU NEUT
& 1#2 CU GND
24" BELOW GRADE
WITH RED CONCRETE CAP

400:5

EXISTING
3"C 3-600 KCMIL CU
& 1#3 CU GND
24" BELOW GRADE
WITH RED CONCRETE CAP

TO BE REUSED

EXISTING
2"C 3#3/0 CU
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING 4"C
EXISTING 1#2 CU 15KV CABLE
48" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING 75KVA
PAD MOUNTED XFMR T-8
7.2KV-240/120V, 1Ø, 3W

300:5

EXISTING
3"C 3-350 KCMIL CU
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING T-8A 75KVA
PAD MOUNTED XFMR
7.2KV-240/120V, 1Ø, 3W

EXISTING T-9 225KVA
PAD MOUNTED XFMR T-9
12.5KV-208/120V, 3Ø, 4W

EXISTING
#6 BARE CU TO
5/8"X8' GND ROD

800:5

120V
METER
KWH
KW

RAIN TIGHT
EXISTING
DISTRIBUTION
PANEL PD4
400A-3P
100A-2P
600A-3P
200A-3P
G N

TO BE REMOVED

DIRECTORS HOUSE
100A
1Ø 3W
120/208V
(EXISTING)
G N

YELLOWSTONE
200A
1Ø 3W
120/208V
(EXISTING)
G N

UTILITIES BUILDING
PANEL MU
600A
3Ø 4W
120/208V
(EXISTING)
G N

ADMINISTRATION BUILDING
EXISTING SERVICE PANEL
PANEL C
150A-3P
PANEL B
150A-3P
PANEL H
150A-3P
CB
60A-2P
G N

EXISTING
2#4/0 AL THW
1#2/0 AL THW
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING 2"C
3#3/0 RHN CU
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 2-3 1/2"C
EXISTING 3#350 KCMIL CU
1#250 KCMIL CU NEUTRAL
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING 4"C 3-500 KCMIL CU
1-350 KCMIL CU NEUT
& 1#3 CU GND
24" BLOW GRADE
IN RED CONCRETE ENCASING

EXISTING 2-3 1/2"C
3-500 KCMIL CU &
1-350 KCMIL CU NEUT
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING ONE-LINE B

SCALE: 12" = 1'-0"

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STATE OF IDAHO
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
EXISTING ONE-LINE DIAGRAM B

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:

E5.2

1/14/2023 8:51:23 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Idaho Department of Building Safety
Date: 6/01/2023
By: dbs10
Permit Number: 0000
This approval is granted on the condition that the construction will be in accordance with the applicable codes and laws adopted by the State of Idaho. The approval is not to be construed as the approval of any violation of any provisions of the codes or laws. Building permit void if any false statements or misrepresentations have been made. Work shall be started within 180 days of permit issuance or the permit becomes void. Work authorized by this permit shall not be suspended or abandoned for a period of 180 days after the time of commencing the work.
This is not a building permit

1A

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE
ENVELOPE

GENERATOR BYPASS
CABLE, DO NOT CONNECT

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE
ENVELOPE

TO CONTROLS

TO CONTROLS

GROUP 5
ATS
CONTROLLER

(2)NPT'S

(2)EPT'S

52N 1200A

52E 1200A

EXISTING 15KV
OUTDOOR MVATS
TRANSFER SWITCH
W/RAIN COVER

EXISTING 500KVA
PAD MOUNTED XFMR T-1
12.5KV-480/277V, 3Ø, 4W
95KV BIL

EXISTING 2-4"C 3-500 KCMIL
& 1-350 KCMIL CU NEUT
& 1#1/0 CU GND

EXISTING 800A CB
3 POLE GENERATOR
OUTPUT BREAKER

EXISTING
350KW GENERATOR
480V, 3Ø, 60hz
437.5KVA

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

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PROJECT NO. 21-471

120V

SINGLE PHASE
METER
KWH
KW

400:5

EXISTING 75KVA
PAD MOUNTED XFMR T-3
7.2KV-240/120V, 1Ø 3W

ASSESSMENT
TRAINING
PANEL M
400A
240/120vV
1Ø 3W

G N (EXISTING)

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY)
SA-1

A (ØA) B (ØB) C (ØC)

FRONT WEST

EXISTING SECTIONALIZING
ASSEMBLY (3 WAY)
SA-1A

EXISTING
PULL BOX 1

DIP LOOP POLE

UTILITY
DISCONNECT
EXISTING

TO ROCKY
MOUNTAIN POWER
EXISTING

EXISTING 4°C
1#2 CU 15 KV CABLE
42" BELOW GRADE
RED CONCRETE ENVELOPE
2-2"C SPARE

3 1/2"C 3-500 KCMIL CU
24" BELOW GRADE

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE
TO SA-9

CONT ON E-6

12.5KV METERING
BY ROCKY
MOUNTAIN POWER
EXISTING

EXISTING SECTIONALIZING
ASSEMBLY (3 WAY)
SA-1B

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY)
SA-2

EXISTING 1-3 1/2"C
3-500 KCMIL CU &
1-350 KCMIL CU NEUT
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

120V

METER
KWH
KW

RAIN TIGHT

EXISTING
DISTRIBUTION
PANEL PD2
400A
208/120V
3Ø, 4W

G N

EXISTING 4°C EXISTING 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 225KVA
PAD MOUNTED XFMR T-1A
12.5KV-208/120V, 3Ø 4W

120V

METER
KWH
KW

800:5

EXISTING 3-3"C
3#500 KCMIL CU
& 1-350 KCMIL CU NEUT
IN RED CONCRETE ENVELOPE

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 112 1/2KVA
PAD MOUNTED XFMR T-2
12.5KV-208/120V, 3Ø 4W

400:5

EXISTING 1 1/4"C 4#3 CU
& 1#6 CU GND
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 2"C 4#3/0 CU
& 1#6 CU GND
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4°C 4-350 KCMIL
& 1#3 CU GND
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 2"C 4#3/0 CU
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 1 1/4"C 4#3 CU
& 1#6 CU GND
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING
200A-3P
CB

EXISTING SECTIONALIZING
ASSEMBLY (3 WAY) SA-3

C (ØC) B (ØB) A (ØA)

FRONT SOUTH

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

BEEF
PRODUCTION
200A
208/120V
3Ø, 4W
(EXISTING)

MACHINE
STORAGE
100A
240/120V
1Ø, 3W
(EXISTING)

MACHINE
SHOP
200A
208/120V
3Ø, 4W
(EXISTING)

CARPENTER
SHOP
100A FDS
3Ø, 4W
3-100A
FUSES
(EXISTING)

BLACKSM
SHOP
100A FDS
3Ø, 4W
3-100A
FUSES
(EXISTING)

LAUNDRY
BUILDING
400A
3Ø, 4W
2-200A CB
FDS
(EXISTING)

120V

METER
KWH
KW

EXISTING
1 1/2"C 3#1/0 THW CU
1#6 CU GND

EXISTING
2"C 4#3/0 THW CU
1#6 CU GND

EXISTING
2"C 3#3/0 THW CU
1#6 CU GND

EXISTING 4°C 3#2 AL 15KV
15KV & 1#2 GND CABLE
48" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4°C 3-500 KCMIL
& 1-350 KCMIL NEUT
TO ACADEMIC BLDG PANEL M
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 112 1/2KVA
PAD MOUNTED XFMR T-1B
12.5KV-208/120V
3Ø, 4W

NEW 3"C 4-500 KCMIL
TO COTTAGE 'C' MDP
24" BELOW GRADE

EXISTING PANEL PD1, 800A
3Ø, 4W, 208/120V

A (BLACK) B (RED) C (YELLOW)

800A-3P

200A-3P 400A-3P 100A-3P 100A-3P 200A-3P 200A-3P

ISC 30,000

SPACE SPACE

PANEL A
LOCATED
NEXT TO
PANEL PD1
(EXISTING)

EXISTING
3"C
EXISTING 3-500 KCMIL
1-350 KCMIL NEUT
2-SPARE 3"C
24" BELOW GRADE

PANEL M
INDUSTRIAL
ARTS
400A
3Ø 4W
(EXISTING)

ACADEMIC
BOILER
HOUSE
100A
3Ø 4W
(EXISTING)

EXISTING
2"C 4#1/0
24" BELOW
GRADE

CHAPEL
200A
3Ø, 4W
(EXISTING)

GEN
BUILDING
225A
3Ø, 4W
(EXISTING)

WELL
HOUSE
PNL PH-1
225A
3Ø 4W
(EXISTING)

EXISTING 2 1/2"C 4#4/0 CU
& 1#4 CU GND
24" BELOW GRADE

EXISTING 2"C 4#3/0
24" BELOW GRADE

MAG STARTER

PUMP
CONTROLLER

20 20 WELL PUMP

IRRIGATION PUMP

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-4

C (ØC) B (ØB) A (ØA)

FRONT SOUTH

EXISTING 4°C 3#2 CU
15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 75KVA
PAD MOUNTED XFMR T-5
12.5KV-208/120V, 3Ø

120V

METER
KWH
KW

400:5

PANEL M
FEEDER
BREAKER
COMP
CENTER
400A
208/120V
3Ø 4W

G N (EXISTING)

REVISED PR#1

2-3"C 4-500 KCMIL
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 1 1/4"C 3#6 CU
& 1#8 CU GND
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING
60A
SERVICE
DISC SW

STORE ROOM

EXISTING 4°C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

CONTINUED ON E5.2

PANEL K
200A
240/120V
1Ø 3W
(EXISTING)

PANEL A
150A
240/120V
1Ø 3W
(EXISTING)

PANEL C
200A
240/120V
1Ø 3W
(EXISTING)

PANEL F
100A
240/120V
1Ø 3W
(EXISTING)

PANEL B
100A
240/120V
1Ø 3W
(EXISTING)

SPLICE
BOX

OFFICE HEAT

PANEL D
200A
3Ø 4W
(EXISTING)

EDUC BLDG
PANEL M
400A
208/120V
3Ø 4W
(EXISTING)

400:5

ACADEMIC

COTTAGE 'C'
PANEL MDP
400A
208/120V
3Ø 4W

COTTAGE 'C'
PANEL A
200A
208/120V
3Ø 4W

COTTAGE 'C'
PANEL B
200A
208/120V
3Ø 4W

NEW 2-1/2"C 4-3/0 1-6/0G
TO PANEL 'A'
24" BELOW GRADE

NEW 2-1/2"C 4-3/0
TO PANEL 'B'
24" BELOW GRADE

EXISTING 225KVA
PAD MOUNTED XFMR T-1C
12.5KV-208/120V, 3Ø, 4W

120V

METER
KWH
KW

EXISTING 450A C.B. NEMA 3R
CHILLER FEEDER BREAKER
ISC AVAILABLE 25,000 AMPS

450A CB

500:5

EXISTING
CHILLER
CH
1

EXISTING
DISCONNECT FURNISHED
WITH CHILLER

EXISTING 2-2 1/2"C
4-250 KCMIL CU
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 2-2 1/2"C
3-250 KCMIL CU
& 1#1 CU GND
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4°C 3#2 AL 15KV
15KV & 1#2 GND CABLE
48" BELOW GRADE
IN RED CONCRETE ENVELOPE

NEW ONE-LINE A

SCALE: 12" = 1'-0"

nbwarchitects p.a.
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900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

NEW ONE-LINE DIAGRAM A

SHEET TITLE:

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:

E5.3

1/14/2023 8:51:23 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
State of Idaho
Department of Building Safety
Plan Review Group
Plan Review is for compliance with the International Building Code and those portions of the International Residential Code adopted by the State of Idaho. The approval shall not be construed to be an approval of a violation of any provisions of the code or other ordinances of the jurisdiction. Permits shall be required for work as listed in the code.
This is not a building permit

1a

CONTINUED ON E5.1

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-5

C (ØC)
B (ØB)
A (ØA)
FRONT SOUTH

EXISTING 150KVA
PAD MOUNTED XFMR T-6
12.5KV-208/120V, 3Ø

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

120V
METER
KWH
KW

EXISTING
OWYHEE
400A
208/120V
3Ø 4W
CAB

G N

400:5

EXISTING 4"C 3-500 KCMIL CU,
1-350 KCMIL NEUT,
& 1#3 CU GND
EXISTING RED CONCRETE CAP

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-6

C (ØC)
B (ØB)
A (ØA)
FRONT SOUTH

EXISTING 100KVA
PAD MOUNTED XFMR T-7
12.5KV-208/120V, 3Ø

120V
METER
KWH
KW

CARIBOU

EXISTING
PANEL C1
MAIN
400A
208/120V
1Ø 3W

G N

400:5

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE

EXISTING 4"C 3-500 KCMIL CU,
1-350 KCMIL NEUT,
& 1#3 CU GND WITH
RED CONCRETE CAP

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN RED CONCRETE ENVELOPE

A (ØA)
B (ØB)
C (ØC)
FRONT WEST

EXISTING SECTIONALIZING
ASSEMBLY (4 WAY) SA-7

A (ØA)
B (ØB)
C (ØC)
FRONT WEST

EXISTING SECTIONALIZING
ASSEMBLY (3 WAY) SA-8

CONTINUED ON E5

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE TO SA-1

EXISTING
PULL BOX 2

EXISTING 4"C 3#2 CU 15KV CABLE
42" BELOW GRADE
IN EXISTING RED
CONCRETE ENVELOPE

A (ØA)
B (ØB)
C (ØC)
FRONT WEST

EXISTING SECTIONALIZING
ASSEMBLY (3 WAY) SA-9

EXISTING 4"C
EXISTING 3#2 CU 15KV CABLE
48" BELOW GRADE
WITH RED CONCRETE CAP

RAIN TIGHT

EXISTING
PANEL
PL1
100A
240/120V
1Ø 3W

G N

RAIN TIGHT

EXISTING
DISTRIBUTION
PANEL PD3
400A
240/120V
1Ø 3W

G N

120V
SINGLE PHASE
METER
KWH
KW

COTTAGE 'E'
PANEL MDP
400A
240/120V
1Ø 3W

G N

COTTAGE 'E'
PANEL A
200A
240/120V
1Ø 3W

COTTAGE 'E'
PANEL B
200A
240/120V
1Ø 3W

MEDICAL CENTER
225A
240/120V
1Ø 3W
(EXISTING)

G N

EXISTING 1"C
EXISTING 3#3 CU

EXISTING
3 1/2"C 2-500 KCMIL CU
& 1-350 KCMIL CU NEUT
& 1#2 CU GND
24" BELOW GRADE
WITH RED CONCRETE CAP

400:5

NEW
2-1/2"C 4-3/0 1-6/0G
TO PANEL 'A'
24" BELOW GRADE

REROUTE
3"C 3-600 KCMIL CU
& 1#3 CU GND
24" BELOW GRADE
WITH RED CONCRETE CAP

NEW
2-1/2"C 4-3/0 1-6/0G
TO PANEL 'B'
24" BELOW GRADE

EXISTING
2"C 3#3/0 CU
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING 75KVA
PAD MOUNTED XFMR T-8
7.2KV-240/120V, 1Ø, 3W

EXISTING 4"C
EXISTING 1#2 CU 15KV CABLE
48" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING T-9 225KVA
PAD MOUNTED XFMR T-9
12.5KV-208/120V, 3Ø, 4W

N G

EXISTING
#6 BARE CU TO
5/8"X8' GND ROD

EXISTING
3"C 3-350 KCMIL CU
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING T-8A 75KVA
PAD MOUNTED XFMR
7.2KV-240/120V, 1Ø, 3W

EXISTING 2-3 1/2"C
3-500 KCMIL CU &
1-350 KCMIL CU NEUT
24" BELOW GRADE
WITH RED CONCRETE CAP

800:5

120V
METER
KWH
KW

RAIN TIGHT

EXISTING
DISTRIBUTION
PANEL PD4

400A-3P
100A-2P
600A-3P
200A-3P
400A-3P

G N

COTTAGE 'B'
PANEL MDP
400A
3Ø 4W
120/208V

COTTAGE 'B'
PANEL A
200A
3Ø 4W
120/208V

COTTAGE 'B'
PANEL B
200A
3Ø 4W
120/208V

NEW
2-1/2"C 4-3/0 1-6/0G
TO PANEL 'A'
24" BELOW GRADE

NEW 3"C 4-500 KCMIL
TO COTTAGE 'B' MDP
24" BELOW GRADE

NEW
2-1/2"C 4-3/0 1-6/0G
TO PANEL 'B'
24" BELOW GRADE

YELLOWSTONE
200A
1Ø 3W
120/208V
(EXISTING)

G N

UTILITIES BUILDING
PANEL MU
600A
3Ø 4W
120/208V
(EXISTING)

G N

ADMINISTRATION BUILDING
EXISTING SERVICE PANEL
PANEL C
150A-3P
PANEL B
150A-3P
PANEL H
150A-3P
CB
60A-2P

G N

EXISTING 2"C
3#3/0 RHN CU
24" BELOW GRADE
IN RED CONCRETE ENVELOPE

EXISTING 2-3 1/2"C
EXISTING 3#350 KCMIL CU
1#250 KCMIL CU NEUTRAL
24" BELOW GRADE
WITH RED CONCRETE CAP

EXISTING 4"C 3-500 KCMIL CU
1-350 KCMIL CU NEUT
& 1#3 CU GND
24" BLOW GRADE
IN RED CONCRETE ENCASING

NEW ONE-LINE B

SCALE: 12" = 1'-0"

MUSGROVE
ENGINEERING, P.A.
234 S. Whisperwood Way
Boise, ID 83709
208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com

PROJECT NO. 21-471

PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT: DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE: NEW ONE-LINE DIAGRAM B

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:

E5.4

1/14/2023 8:51:24 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Structure Idaho Building Safety
Date: 6/1/2023
By: Bldg Official
Permit Number: 23-0000
Approved as noted on plans. Approval of these plans does not authorize any violation of any provisions of the International Building Code or any other applicable codes, ordinances or laws adopted by the jurisdiction. The approval of plans is not permission to begin construction. A building permit must be obtained before any work is started. Construction must conform to the plans, building code and other applicable codes, ordinances and laws.
This is not a building permit

1a

MUSGROVE ENGINEERING, P.A.
234 S. Whisperwood Way
Boise, ID 83709
208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com

PROJECT NO. 21-471

Branch Panel: A

Location: 'A' **Supply From:** 'MDP' **Mounting:** FLUSH **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10000 **Mains Type:** MLO **Mains Rating:** 200 A

Notes:

CKT	Circuit Description	Ckt Notes	Trip	Poles	A		B		C		Poles	Trip	Ckt Notes	Circuit Description	CKT
1	RECEPTS CLINICIAN		20 A	1	720 VA	1540 VA					1	20 A		LIGHTING DAYROOMS BEDROOMS	2
3	RECEPT TELEPHONE BACKOARD		20 A	1			360 VA	96 VA			1	20 A		LIGHTING EXTERIOR	4
5	RECEPT TELEPHONE BACKBOARD		20 A	1					360 VA	500 VA	1	20 A	1	RECEPT DRINKING FOUNTAIN	6
7	RECEPT IT ROOM		20 A	1	180 VA	360 VA					1	20 A		RECEPTS DAYROOM 121	8
9	RECEPTS GROUP ROOM 111		20 A	1			1260 VA	180 VA			1	20 A		RECEPT GROUP LEADER 109	10
11	RECEPT LOBBY, FIRE RISER,...		20 A	1					1260 VA	1120 VA	1	20 A		RECEPT DAY ROOM 121 TV/DVD	12
13	RECEPT DAYROOM 121 CONTROL		20 A	1	500 VA	720 VA					1	20 A	1	RECEPT DAY ROOM 121...	14
15	RECEPTS COMP, CUSTODIAN,...		20 A	1			900 VA	2105 VA			2	40 A		CU-4	16
17	RECEPT REFRIG DAYROOM 121	1	20 A	1					1220 VA	2105 VA	--	--		--	18
19	RECEPTS GROUP LEADER 109		20 A	1	720 VA	0 VA					1	20 A		FACP	20
21	SPARE		20 A	1			0 VA	0 VA			1	20 A		SPARE	22
23	SPARE		20 A	1					0 VA	0 VA	1	20 A		SPARE	24
25	ERV-1		40 A	3	3180 VA	0 VA					1	20 A		SPARE	26
27	--		--	--			3180 VA	0 VA			1	20 A		SPARE	28
29	--		--	--					3180 VA	0 VA	1	20 A		SPARE	30
31	FIRE DAMPERS		20 A	1	960 VA	0 VA					1	20 A		SPARE	32
33	SPARE		20 A	1			0 VA	0 VA			1	20 A		SPARE	34
35	WATER HEATER		30 A	2					1000 VA	0 VA	1	20 A		SPARE	36
37	--		--	--	1000 VA	0 VA					1	20 A		SPARE	38
39	SPARE		20 A	1			0 VA	0 VA			1	20 A		SPARE	40
41	F-6		20 A	1					1176 VA	0 VA	1	20 A		SPARE	42
43	CU-5		60 A	2	2879 VA	0 VA					1	20 A		SPARE	44
45	--		--	--			2879 VA	0 VA			1	20 A		SPARE	46
47	SPARE		20 A	1					0 VA	0 VA	1	20 A		SPARE	48
49	F-5		25 A	1	576 VA	0 VA					1	20 A		SPARE	50
51	CU-6		40 A	2			2105 VA	0 VA			1	20 A		SPARE	52
53	--		--	--					2105 VA	0 VA	1	20 A		SPARE	54
55	F-4		20 A	1	1176 VA	0 VA					1	20 A		SPARE	56
57	SPARE		20 A	1			0 VA	0 VA			1	20 A		SPARE	58
59	SPARE		20 A	1					0 VA	0 VA	1	20 A		SPARE	60
			Total Load:		14503 VA		13065 VA		14026 VA						
			Total Amps:		122 A		109 A		118 A						

CKT NOTES:
1. GROUND FAULT INTERRUPTING CIRCUIT BREAKER.

Branch Panel: B

Location: 'B' **Supply From:** 'MDP' **Mounting:** FLUSH **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10000 **Mains Type:** MLO **Mains Rating:** 200 A

Notes:

CKT	Circuit Description	Ckt Notes	Trip	Poles	A		B		C		Poles	Trip	Ckt Notes	Circuit Description	CKT
1	RECEPT REFRIG DAYROOM 137	1	20 A	1	1220 VA	1540 VA					1	20 A		LIGHTING DAYROOM BEDROOMS	2
3	RECEPT COMP, STORATE, TR		20 A	1			360 VA	1864 VA			1	20 A		LIGHTING ADMIN ROOMS,...	4
5	RECEPT REFRIG STAFF ROOM	1	20 A	1					720 VA	500 VA	1	20 A		RECEPT DAYROOM 137 CONTROL	6
7	RECEPTS STAFF ROOM 113		20 A	1	720 VA	360 VA					1	20 A		RECEPTS DAYROOM 137	8
9	RECEPTS GROUP LEADER 116		20 A	1			1080 VA	180 VA			1	20 A		RECEPT GROUP LEADER 116	10
11	EF-1, EF-2		20 A	1					1056 VA	500 VA	1	20 A	1	RECEPT LIQUID DISPENSER	12
13	EF-3, EF-4		20 A	1	1056 VA	500 VA					1	20 A	1	RECEPT LIQUID DISPENSER	14
15	RECEPT STAFF ROOM 113		20 A	1			360 VA	720 VA			1	20 A		RECEPT SECURITY COMP	16
17	RECEPTS STAFF ROOM 113		20 A	1					1260 VA	1120 VA	1	20 A		RECEPT DAY ROOM 137 TV/DVD	18
19	RECEPT STAFF ROOM PRINTER		20 A	1	500 VA	720 VA					1	20 A	1	RECEPT DAY ROOM 137...	20
21	RECEPTS UNIT MANAGER 119		20 A	1			1080 VA	540 VA			1	20 A	1	RECEPTS LAUNDRY 118 GENERAL	22
23	RECEPT MEZZANINE IT ROOM		20 A	1					360 VA	500 VA	1	20 A	1	RECEPT STACK WASHER...	24
25	RECEPT MEZZANINE IT ROOM		20 A	1	180 VA	500 VA					1	20 A	1	RECEPT STACK WASHER...	26
27	SPARE	2	20 A	1			0 VA	0 VA			1	20 A	2	SPARE	28
29	SPARE	2	20 A	1					0 VA	0 VA	1	20 A	2	SPARE	30
31	SPARE	2	20 A	1	0 VA	900 VA					2	30 A	2	HEAT TRACE	32
33	SPARE	2	20 A	1			0 VA	900 VA			--	--	2	--	34
35	SPARE		20 A	1					0 VA	2080 VA	2	20 A		FC-1 MEZZANINE IT ROOM	36
37	SPARE		20 A	1	0 VA	2080 VA					--	--		--	38
39	WATER HEATER		30 A	2			1000 VA	0 VA			1	20 A		SPARE	40
41	--		--	--					1000 VA	0 VA	1	20 A		SPARE	42
43	F-1		25 A	1	1176 VA	180 VA					1	20 A		RECEPT MEZZANINE IT ROOM	44
45	CU-1		60 A	2			2878 VA	180 VA			1	20 A		RECEPT MEZZANINE IT ROOM	46
47	--		--	--					2878 VA	180 VA	1	20 A		RECEPT MEZZANINE IT ROOM	48
49	F-2		25 A	1	576 VA	900 VA					2	30 A	1	STACKED DRYER LAUNDRY 118	50
51	CU-2		60 A	2			2879 VA	900 VA			--	--		--	52
53	--		--	--					2879 VA	600 VA	2	30 A	1	STACKED DRYER LAUNDRY 118	54
55	F-3		20 A	1	1176 VA	600 VA					--	--		--	56
57	CU-3		50 A	2			2405 VA	1500 VA			2	25 A		COMMERCIAL WASHER	58
59	--		--	--					2405 VA	1500 VA	--	--		--	60
			Total Load:		14877 VA		18826 VA		19538 VA						
			Total Amps:		124 A		162 A		168 A						

CKT NOTES:
1. GROUND FAULT INTERRUPTING CIRCUIT BREAKER. 2. GROUND FAULT EQUIPMENT PROTECTOR CIRCUIT BREAKER.

Branch Panel: 'MDP'

Location: MDP **Supply From:** EXISTING **Mounting:** Surface **Enclosure:** NEMA 3R
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** MLO **Mains Rating:** 400 A

Notes:

CKT	Circuit Description	Ckt Notes	Trip	Poles	A		B		C		Poles	Trip	Ckt Notes	Circuit Description	CKT
1	A		200 A	3	14503 VA	14877 VA					3	200 A		B	2
3	--		--	--			13065 VA	18826 VA			--	--		--	4
5	--		--	--					14026 VA	19538 VA	--	--		--	6
7	COMMERCIAL DRYER		100 A	3	8520 VA	--					1	--		BLANK	8
9	--		--	--			8520 VA	--			1	--		BLANK	10
11	--		--	--					8520 VA	--	1	--		BLANK	12
13	BLANK		--	1	--	--					1	--		BLANK	14
15	BLANK		--	1			--								16
			Total Load:		37900 VA		40410 VA		42084 VA						
			Total Amps:		316 A		340 A		354 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	53129 VA	100.00%	53129 VA		
Lighting	1874 VA	100.00%	1874 VA	**Total Conn. Load:**	120393 VA
Other	0 VA	0.00%	0 VA	**Total Est. Demand:**	111453 VA
Power	33543 VA	100.00%	33543 VA	**Total Conn. Current:**	334 A
Receptacle	27880 VA	67.93%	18940 VA	**Total Est. Demand Current:**	309 A
Water Heat	4000 VA	100.00%	4000 VA		

PROFESSIONAL ENGINEER REGISTERED 13299 12-30-2023 STATE OF IDAHO MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
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DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: PANEL SCHEDULES

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

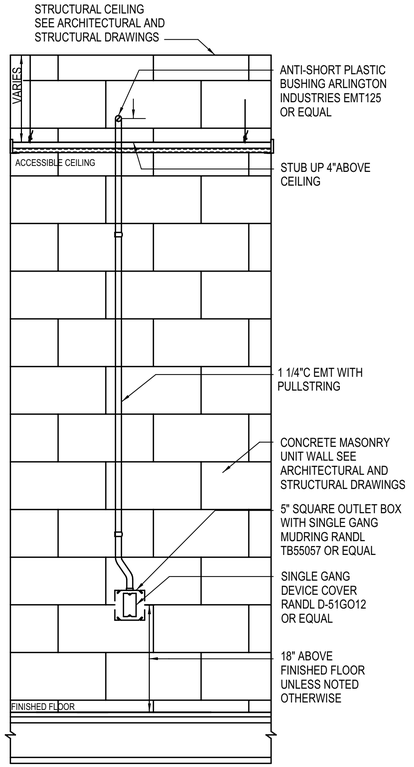
PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
E5.5

1/14/2023 8:51:24 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

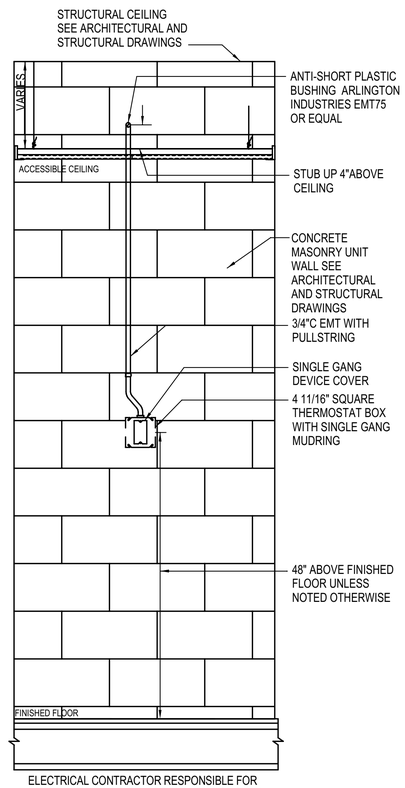
Approved
State of Idaho
Division of Building Safety
Plan Review - COMM
Permit Number:
Approved with conditions
Approved as noted
Not approved
Review is for compliance with the International Building Code and State specific adopted codes.
The approval shall not be construed to be a permit for, or an approval of, any violation of any provision of the International Building Code or State specific adopted codes.
Approval does not relieve the applicant of responsibility for compliance with all applicable codes, ordinances, and laws.
This is not a building permit

1a



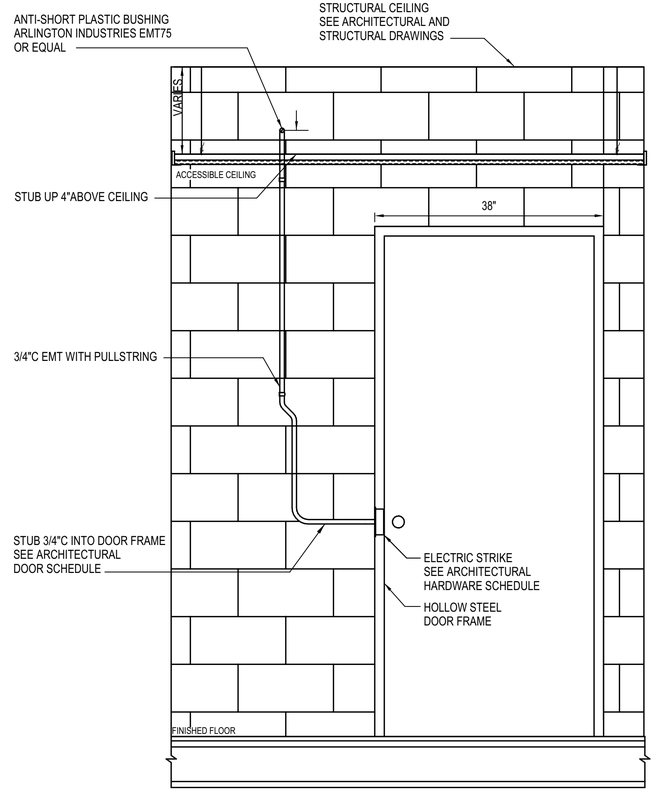
ELECTRICAL CONTRACTOR RESPONSIBLE FOR
INSTALLATION OF DATA/TELEPHONE ROUGH-IN
TYPICAL DETAIL - ACTUAL INSTALLATION MAY VARY

1 DATA/POWER ROUGH-IN ELEVATION DETAIL
1" = 1'-0"



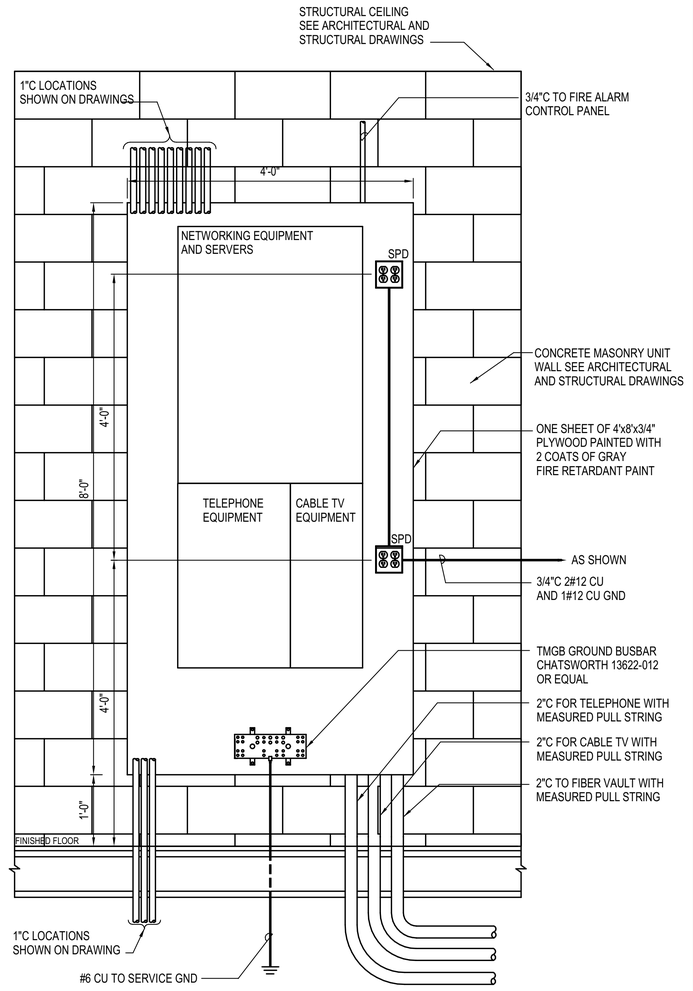
ELECTRICAL CONTRACTOR RESPONSIBLE FOR
INSTALLATION OF THERMOSTAT BOX ROUGH-IN
TYPICAL DETAIL - ACTUAL INSTALLATION MAY VARY

2 THERMOSTAT BOX ROUGH-IN ELEVATION DETAIL
1" = 1'-0"



ELECTRICAL CONTRACTOR RESPONSIBLE FOR
INSTALLATION OF CARD READER ROUGH-IN
TYPICAL DETAIL - ACTUAL INSTALLATION MAY VARY

3 DOOR LOCK ROUGH-IN ELEVATION DETAIL
1" = 1'-0"



4 TELEPHONE BACK BOARD ELEVATION DETAIL
1" = 1'-0"

MUSGROVE
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www.musgrovepa.com
PROJECT NO. 21-471

PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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(P) 208.522.8795 (F) 208.522.8795 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ELECTRICAL DETAILS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:

E6.1

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Approved
State of Idaho
Division of Building Safety
Plan Review - COMM
Permit Number:
Approved as noted. Approval is granted on the condition that the construction will be in accordance with the applicable codes and standards adopted by the Division of Building Safety. The approval is not to be construed as to the completeness or adequacy of the plans. Building official reserves the right to require additional work or plans based on field conditions.
This is not a building permit

1a

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PROJECT NO. 21-471

LIGHTING FIXTURE SCHEDULE (21-471)

TYPE	DESCRIPTION	MTG.	LAMPS	WATTS	MFG. & CATALOG NUMBER	NOTES
A	CONTRACTOR SELECT 2'x4' LED FLAT PANEL, MVOLT SWITCHABLE LUMEN OUTPUT SET TO LOW (4000 LUMENS) SWITCHABLE COLOR TEMPERATURE, 0-10 VOLT DIMMING	RECESSED	LED 4000K	29	LITHONIA NO. CPX 2X4 ALO8 SWW7 M4	1
AE	CONTRACTOR SELECT 2'x4' LED FLAT PANEL, MVOLT SWITCHABLE LUMEN OUTPUT SET TO LOW (4000 LUMENS) SWITCHABLE COLOR TEMP, 0-10 VOLT DIM. EMERGENCY BATTERY	RECESSED	LED 4000K	29	LITHONIA NO. CPX 2X4 ALO8 SWW7 M4 ILBLP CP10 HE SD A	1
B1	6" LED DOWNLIGHT, MVOLT 1000 LUMENS, SEMI-SPECULAR FINISH 0-10 VOLT DIMMING	RECESSED	LED 4000K	10.4	LITHONIA NO. LDN6-40/10-L06AR-LSS-MVOLT-GZ10	1
B2	6" LED DOWNLIGHT, MVOLT 3000 LUMENS, SEMI-SPECULAR FINISH 0-10 VOLT DIMMING	RECESSED	LED 4000K	34.8	LITHONIA NO. LDN6-40/30-L06AR-LSS-MVOLT-GZ10	1
B3	4" LED DOWNLIGHT 1000 LUMENS, XX=VERIFY FINISH WITH ARCHITECT 0-10V DIMMING	RECESSED	LED 4000K	10.6	LITHONIA NO. LDN4-40/10- LS4-XX-LD-MVOLT-GZ1-XX	1
C	CORRECTIONAL GRADE 12"x48" LED FIXTURE FLANGED FIXTURE, WITH LED NIGHT LIGHT	RECESSED	LED 4000K	46	KENALL NO. SCA-4-0/1-45L40K-DCC-NA-120-EL-DLN-SYM/B-1	1
D	CONTRACTOR SELECT 4' LINEAR LED FIXTURE ADJUSTABLE LUMEN OUTPUT SET TO 4000 LUMENS	SURFACE	LED 4000K	36	LITHONIA NO. CSS L48 ALO3 MVOLT SWW3 80CRI	1
E1	INTEGRATED EXIT/UNIT COMBO FIXTURE GREEN EXIT LED	SURFACE	LED	2.32	LITHONIA NO. ECBG LED M6	1
E2	CORRECTIONAL GRADE EXIT SIGN GREEN EXIT LED	SURFACE	LED	2.32	KENALL NO. METTS-MW-G-4VDC-PH	1
G	4' WRAP LED FIXTURE 4000 LUMENS WHITE FINISH	SURFACE	LED 4000K	37	LITHONIA NO. BLWP4-40L-ADPT-EZ1-LP840	1
H1	2" LINEAR RECESSED LED FIXTURE - 12' LONG COLOR BY ARCHITECT DRYWALL FLANGELESS MOUNTING	RECESSED	LED 4000K	90	AXIS LIGHTING NO. B2SQRLED-750-80-40-SO-12-X-UNV-DP-1-D	1
H2	2" LINEAR RECESSED LED FIXTURE - 8' LONG COLOR BY ARCHITECT DRYWALL FLANGELESS MOUNTING	RECESSED	LED 4000K	60	AXIS LIGHTING NO. B2SQRLED-750-80-40-SO-8-X-UNV-DP-1-D	1
H3	2" LINEAR RECESSED LED FIXTURE - 4' LONG COLOR BY ARCHITECT DRYWALL FLANGELESS MOUNTING	RECESSED	LED 4000K	30	AXIS LIGHTING NO. B2SQRLED-750-80-40-SO-4-X-UNV-DP-1-D	1
X1E	EXTERIOR LED WALL PACK 3000 LUMENS, EMERGENCY BATTERY BACKUP BLACK FINISH	SURFACE	LED 5000K	24	LITHONIA NO. WPX1-LED-P2-50K-E14WC-MVOLT-DBLXD	1

LIGHTING FIXTURE SCHEDULE NOTES:

1 SUBSTITUTIONS WILL BE ALLOWED IF SUBMITTED PRIOR TO BID DATE BY THE GREATER OF: 7 BUSINESS DAYS OR THE TIME PERIOD SPECIFIED BY DIVISION 1 SPECIFICATIONS, AND IF DEEMED EQUAL BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING SUBSTITUTED FIXTURES MEET OR EXCEED THE SPECIFICATIONS OF THE FIXTURES SPECIFIED.

SWITCH AND OCCUPANCY SENSOR LEGEND

S_{OS1} OCCUPANCY SENSOR - WALL MOUNT, DUAL TECHNOLOGY, 120-277V, SINGLE POLE, MULTI-WAY
SENSOR SWITCH WSXA-MWO-XX OR EQUAL

S_{OS2} OCCUPANCY SENSOR - WALL MOUNT, DUAL TECHNOLOGY, DIMMING, 120-277V, SINGLE POLE, MULTI-WAY
SENSOR SWITCH WSXA-MWO-PDT-D-XX OR EQUAL

(OS) OCCUPANCY SENSOR - CEILING MOUNT, DUAL TECHNOLOGY, LOW VOLTAGE, SMALL MOTION
SENSOR SWITCH CM-PDT-9 OR EQUAL

(PP) POWER PACK - 120 VOLT, 15 VDC
SENSOR SWITCH PP20 OR EQUAL

S_D DIMMING SWITCH - WALL MOUNT, 120/277V, LED, ON/OFF/SLIDE DIMMER SWITCH
SYNERGY ISD-BC-120/277-XX OR EQUAL

(PC) PHOTOCELL - 120/240/277V
ACUITY BRANDS DSW124-1-2-A-U

XX=VERIFY COLOR WITH ARCHITECT PRIOR TO ORDER

EQUAL PRODUCTS FROM WATTSTOPER, LUTRON, LEGRAND, AND EATON WILL BE ACCEPTED

PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
LIGHTING DETAILS

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
E7.1

1/14/2023 8:51:24 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Division of Building Safety
Plan Review - COMP
Permit Number:
Jurisdiction:
The approval of plans and specifications does not permit the violation of any section of the International Building Code or any other law, ordinance or regulation of this jurisdiction. Approval presumes that the applicant will comply with all applicable laws and regulations. The building official may require modifications to the plans and specifications when necessary to comply with the code. A permit must be issued before construction or demolition begins. A separate permit may be required for signs, fences, plumbing, electrical, mechanical systems, and retaining walls.
1a
This is not a building permit

1 OVERALL ELECTRICAL SITE DEMO PLAN
SCALE: 1" = 100'

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645 West 25th Street
Idaho Falls, ID 83402
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PROJECT NO. 21-471

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MATTHEW N. BRADLEY

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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
OVERALL ELECTRICAL SITE DEMO PLAN

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
ES1.0

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Approved
Bingham County
Building Safety
Permit #: 20230
Date: 6/1/2023
Signature:
Approval of these plans is for general conformance with the International Residential Code (IRC) and the International Energy Conservation Code (IECC) as adopted by the State of Idaho. The approval of plans is not permission to violate any code, ordinance or regulation. The approval of plans is not an approval of omissions or errors on the plans. Any omissions or errors on the plans do not relieve the builder of responsibility to comply with the IRC, IECC, and other applicable codes, ordinances, regulations, and laws.
This is not a building permit

1a

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234 S. Whisperwood Way
Boise, ID 83709
208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com

PROJECT NO. 21-471

1 ELECTRICAL SITE DEMO PLAN-AREA A - BASE BID

SCALE: 1" = 10'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES TO REMAIN, SEE CIVIL.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN.
3. DISCONNECT EXISTING FIBER SERVICE IN PREPARATION FOR BUILDING REMOVAL.
4. DISCONNECT EXISTING ELECTRICAL SERVICE IN PREPARATION FOR BUILDING REMOVAL.

PROFESSIONAL ENGINEER REGISTERED 13299 12-30-2023 STATE OF IDAHO MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
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(P) 208.522.8778 (F) 208.522.8785 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ELECTRICAL SITE DEMO PLAN-AREA A - BASE BID

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
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CJ
CHECKED BY:
MB

DRAWING NO.:
ES1.1

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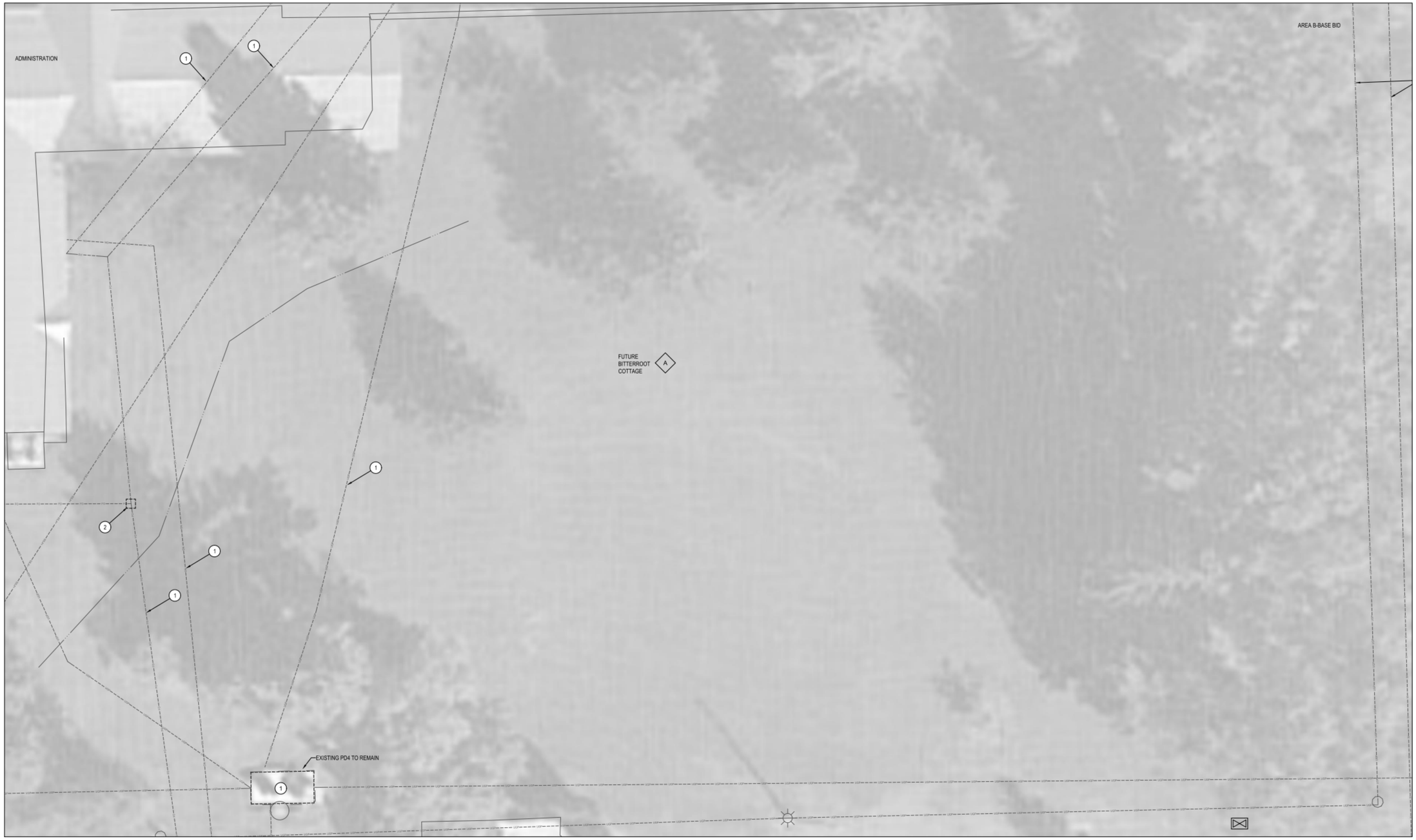
Approved
State of Idaho
Division of Building Safety
Plan Review - COOP
Reviewed for code compliance only. Field verification of site conditions, existing structures, and other factors affecting the project is the responsibility of the design professional of record. The approval shall not be construed to be an approval of a violation of any provision of any code, ordinance, regulation, or requirement. Approval is void if construction does not commence within 180 days from date of approval unless an extension is granted.
This is not a building permit

1a

MUSGROVE ENGINEERING, P.A.
234 S. Whisperwood Way
Boise, ID 83709
208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com

PROJECT NO. 21-471



1 ELECTRICAL SITE DEMO PLAN-AREA B - BASE BID
SCALE: 1" = 10'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES TO REMAIN, SEE CIVIL.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN.
3. DISCONNECT EXISTING FIBER SERVICE IN PREPARATION FOR BUILDING REMOVAL.
4. DISCONNECT EXISTING ELECTRICAL SERVICE IN PREPARATION FOR BUILDING REMOVAL.

PROFESSIONAL ENGINEER REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE/PLANNING/INTERIORS
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ELECTRICAL SITE DEMO PLAN-AREA B - BASE BID

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
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DATE:
DECEMBER 2022
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ES1.2

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Approved
Date: 6/01/2023
By: Building Safety
Permit #: 20230
Approval of these plans authorizes the applicant to proceed with construction only as specified by the Building Safety Division. The approval of plans is not to be construed as approval of any violation of any provisions of the adopted codes or ordinances. Any deviations shall be corrected before the building is occupied.
This is not a building permit

1 ELECTRICAL SITE DEMO PLAN-AREA C - ALTERNATE 1
SCALE: 1" = 10'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES TO REMAIN, SEE CIVIL.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN.
3. DISCONNECT EXISTING FIBER/TELEPHONE SERVICE IN PREPARATION FOR BUILDING REMOVAL. CUT AND SPLICE 2"C WITH 1-100 PAIR TELEPHONE CABLE, 2"C WITH 1-100 PAIR TELEPHONE CABLE AND 3"C WITH FIBER OPTIC CABLE.
4. DISCONNECT EXISTING ELECTRICAL SERVICE IN PREPARATION FOR BUILDING REMOVAL.
5. DISCONNECT EXISTING FIBER SERVICE TO BUILDING.

MUSGROVE ENGINEERING, P.A.
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PROFESSIONAL ENGINEER REGISTERED
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ELECTRICAL SITE DEMO PLAN-AREA C - ALTERNATE 1

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

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21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
ES1.3

Approved
Division of Building Safety
Plan Review - COMP
Reviewed for code compliance only. Approval of these documents does not authorize the violation of any code, law or ordinance. The contractor shall be responsible for all construction and shall comply with all codes, laws and ordinances. The approval shall be void if any false statements or misrepresentations are made on the documents. Approval does not prevent the building official from requiring corrections to errors on the documents. Approval documents cannot be changed, altered or modified without authorization from the building official. Approval documents must be available at the jobsite for inspection purposes.
1a
This is not a building permit

1 ELECTRICAL SITE DEMO PLAN-AREA D - ALTERNATE 2
SCALE: 1" = 10'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES TO REMAIN, SEE CIVIL.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN.
3. DISCONNECT EXISTING FIBER SERVICE IN PREPARATION FOR BUILDING REMOVAL.
4. DISCONNECT EXISTING ELECTRICAL SERVICE IN PREPARATION FOR BUILDING REMOVAL.

MUSGROVE ENGINEERING, P.A.
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12-30-2023
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PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ELECTRICAL SITE DEMO PLAN-AREA D - ALTERNATE 2

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
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ES1.4

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Approved
State of Idaho
Division of Building Safety
Plan Review
This is not a building permit

1 ELECTRICAL SITE DEMO PLAN-AREA E - ALTERNATE 2

SCALE: 1" = 20'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES TO REMAIN, SEE CIVIL.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN.
3. DISCONNECT EXISTING FIBER/TELEPHONE SERVICE IN PREPARATION FOR BUILDING REMOVAL. CUT AND SPLICE 1"C WITH 2-25 PAIR FIBER OPTIC CABLE, 1"C WITH 1-50 PAIR TELEPHONE CABLE, FIRE ALARM CABLE AND CAT 5 CABLE AND 2"C EMPTY SPARE.
4. DISCONNECT EXISTING ELECTRICAL SERVICE IN PREPARATION FOR BUILDING REMOVAL.
5. DISCONNECT EXISTING FIBER SERVICE TO BUILDING.
6. INSTALL NEW JUNCTION BOX SEE INSTALLATION DRAWINGS.

MUSGROVE ENGINEERING, P.A.
234 S. Whisperwood Way
Boise, ID 83709
208.384.0585
645 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com
PROJECT NO. 21-471

PROFESSIONAL ENGINEER REGISTERED 13299 12-30-2023 STATE OF IDAHO MATTHEW N. BRADLEY

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
900 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
(P) 208.522.8779 (F) 208.522.8785 (W) nbwarchitects.com

PROJECT:
DPW PROJECT NO. 21725
DJC: ST. ANTHONY COTTAGES
2220 E 600 N
ST. ANTHONY, IDAHO 83445

SHEET TITLE:
ELECTRICAL SITE DEMO PLAN-AREA E - ALTERNATE 2

REVISIONS

1a	DBS APPROVAL STAMP	6/01/23

PROJECT NO.
21023
DATE:
DECEMBER 2022
DRAWN BY:
CJ
CHECKED BY:
MB

DRAWING NO.:
ES1.5

1/14/2023 8:51:26 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
State of Idaho
Division of Building Safety
PA#: BLD2302-00010
Date: 06/12/23
These Documents are approved contingent on the compliance with the mark-ups and notes applied.
This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.
This is not a building permit

1a

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PROFESSIONAL ENGINEER
REGISTERED
13299
12-30-2022
STATE OF IDAHO
MATTHEW N. BRADLEY

1 OVERALL ELECTRICAL SITE INSTALL PLAN
SCALE: 1" = 100'

nbwarchitects p.a.
ARCHITECTURE / PLANNING / INTERIORS
990 JOHN ADAMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212
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PROJECT:
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SHEET TITLE:
OVERALL ELECTRICAL SITE INSTALL PLAN

REVISIONS

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ES2.0

1/14/2023 8:51:26 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
State of Idaho
Division of Building Safety
Plan Review - CODE
Reviewed for code compliance only. Not reviewed for design criteria. The construction documents shall be available on the jobsite for review by the authority having jurisdiction. The approval of plans does not constitute approval of violations of the code or other ordinances. Changes made during construction must be submitted for review and approval before proceeding with the work.
This is not a building permit

1a

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PROJECT NO. 21-471

1 ELECTRICAL SITE INSTALL PLAN- AREA B - BASE BID

SCALE: 1" = 10'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES SEE CIVIL DRAWINGS.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN. EXISTING FIBER OPTIC SERVICE LOOP INSTALLED BY AGENCY. PULL EXISTING FIBER OPTIC LINE THROUGH NEW CONDUIT TO NEW NETWORK RACK AND FIBER OPTIC PANEL.
3. NEW 2"C 24" BELOW GRADE TO NEW NETWORK RACK IN IT ROOM 105.
4. NEW IT RACK INSTALLED AS PART OF THIS PROJECT. SEE SPECIFICATION SECTION 271343.
5. ELECTRICAL FEEDER TO COTTAGE (A) (BITTERROOT) SEE ONE LINE ON E5.4.
6. INSTALL NEW 24"X24" TRAFFIC RATED JUNCTION BOX FOR FIBER OPTIC CABLE.

PROFESSIONAL ENGINEER REGISTERED
13299
12-30-2023
STATE OF IDAHO
MATTHEW N. BRADLEY

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DPW PROJECT NO. 21725

DJC: ST. ANTHONY COTTAGES

2220 E 600 N
ST. ANTHONY, IDAHO 83445

PROJECT:

SHEET TITLE: ELECTRICAL SITE INSTALL PLAN-AREA B - BASE BID

REVISIONS

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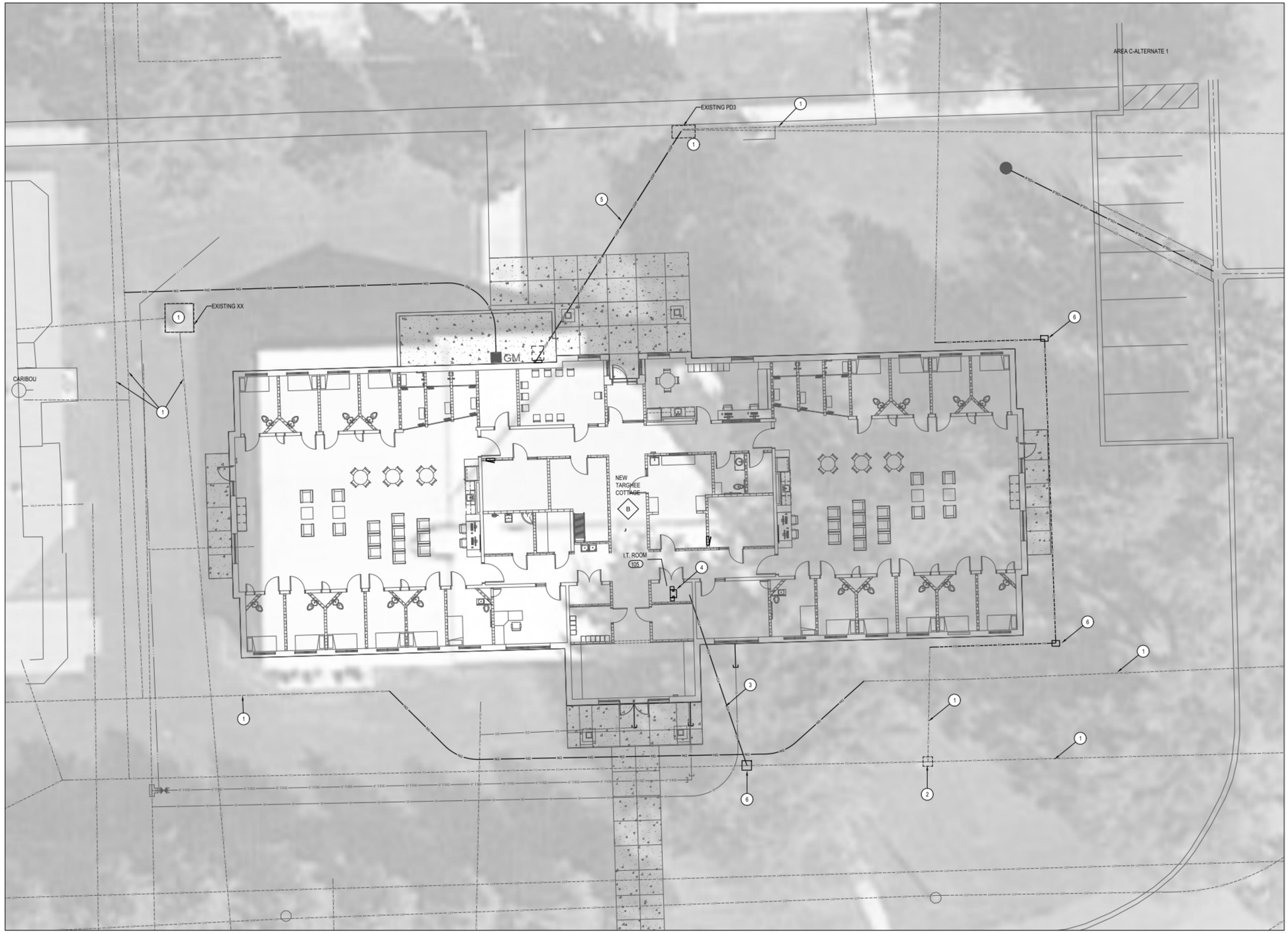
CHECKED BY: MB

DRAWING NO.:

ES2.1

1/14/2023 8:51:27 AM P:\Files\2021\21471\WORKING MEP\21471_ELECTRICAL MODEL.rvt

Approved
Date: 6/1/2023
By: Shane Idaho
Permit Number: 20230
Idaho Building Safety
This is not a building permit



1 ELECTRICAL SITE INSTALL PLAN-AREA C - ALTERNATE 1
SCALE: 1" = 10'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES SEE CIVIL DRAWINGS.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN. EXISTING FIBER OPTIC SERVICE LOOP INSTALLED BY AGENCY. PULL EXISTING FIBER OPTIC LINE THROUGH NEW CONDUIT TO NEW NETWORK RACK AND FIBER OPTIC PANEL.
3. NEW 2"C 24" BELOW GRADE TO NEW NETWORK RACK IN IT ROOM 105.
4. NEW IT RACK INSTALLED AS PART OF THIS PROJECT. SEE SPECIFICATION SECTION 271343.
5. ELECTRICAL FEEDER TO COTTAGE (B) (TARGHEE) SEE ONE LINE ON E5.4.
6. INSTALL NEW 24"X24" TRAFFIC RATED JUNCTION BOX FOR FIBER OPTIC CABLE.

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PROJECT:
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SHEET TITLE:
ELECTRICAL SITE INSTALL PLAN-AREA C - ALTERNATE 1

REVISIONS

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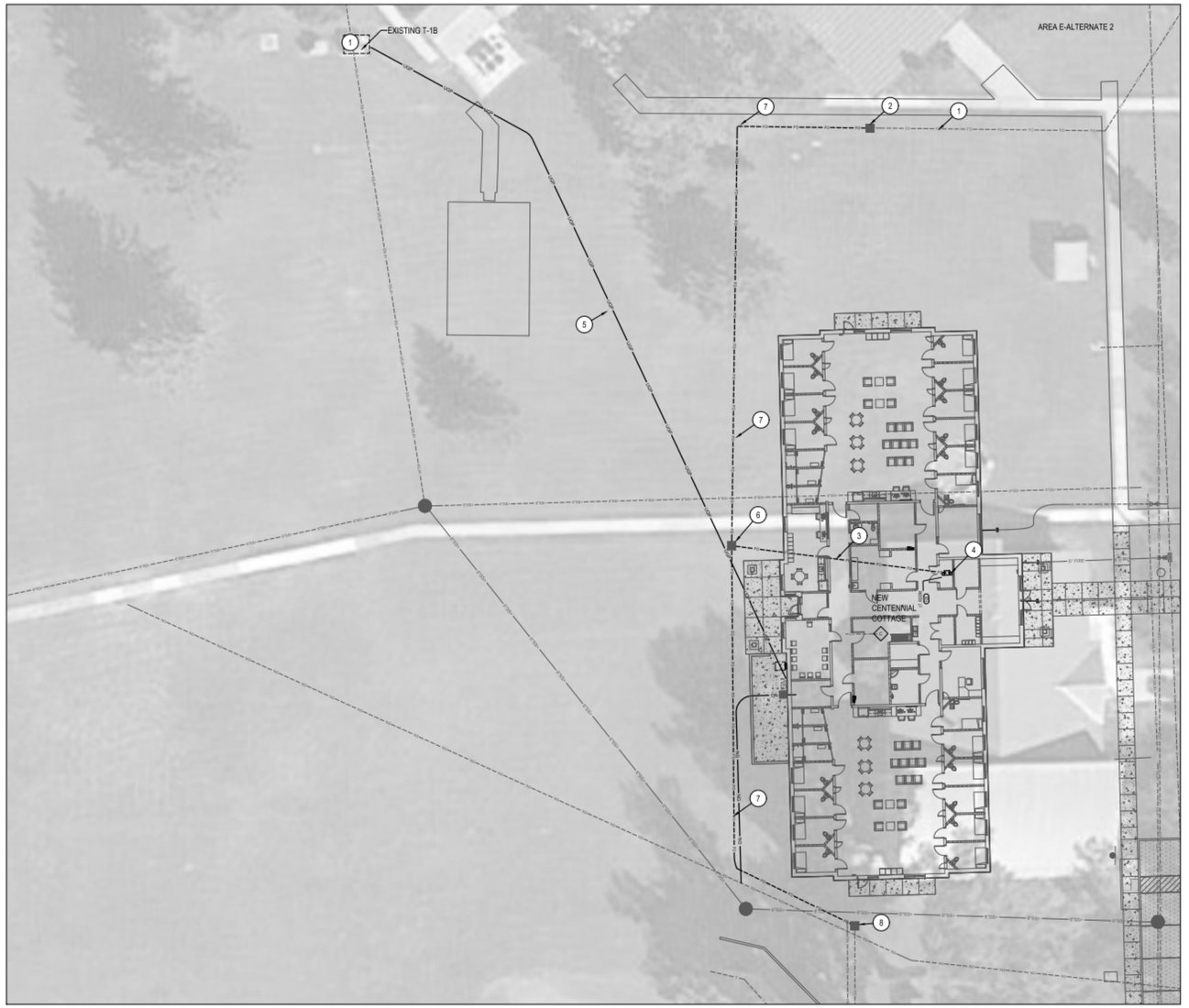
Approved
State of Idaho
Division of Building Safety
By: Ashton Cobb
Date: 6/1/2023
Plan review approval is based on the applicable building codes. This approval does not prevent the building official from requiring corrections to plans, specifications or other data which are not in compliance with the codes. The approval is void if construction has not commenced within 6 months of approval date or if construction is suspended or abandoned for a period of 6 months after construction commences. Verify with local jurisdiction for additional requirements.
This is not a building permit



1 ELECTRICAL SITE INSTALL PLAN-AREA E - ALTERNATE 2
SCALE: 1" = 20'

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. EXISTING UTILITIES SEE CIVIL DRAWINGS.
2. EXISTING FIBER OPTIC JUNCTION BOX TO REMAIN. EXISTING FIBER OPTIC SERVICE LOOP INSTALLED BY AGENCY. PULL EXISTING FIBER OPTIC LINE THROUGH NEW CONDUIT TO NEW NETWORK RACK AND FIBER OPTIC PANEL.
3. NEW 2"C 24" BELOW GRADE TO NEW NETWORK RACK IN IT ROOM 105.
4. NEW IT RACK INSTALLED AS PART OF THIS PROJECT. SEE SPECIFICATION SECTION 271343.
5. ELECTRICAL FEEDER TO COTTAGE (C) (CENTENNIAL) SEE ONE LINE ON E5.4.
6. INSTALL NEW 24"X24" TRAFFIC RATED JUNCTION BOX FOR FIBER OPTIC CABLE.
7. CUT AND SPLICE 1"C WITH 2-25 PAIR FIBER OPTIC CABLE, 1"C WITH 1-50 PAIR TELEPHONE CABLE, FIRE ALARM CABLE AND CAT 5 CABLE AND 2"C EMPTY SPARE.
8. INSTALL NEW 24"X24" TRAFFIC RATED JUNCTION BOX FOR FIBER OPTIC CABLE.

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SHEET TITLE:
ELECTRICAL SITE INSTALL PLAN-AREA E - ALTERNATE 2

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