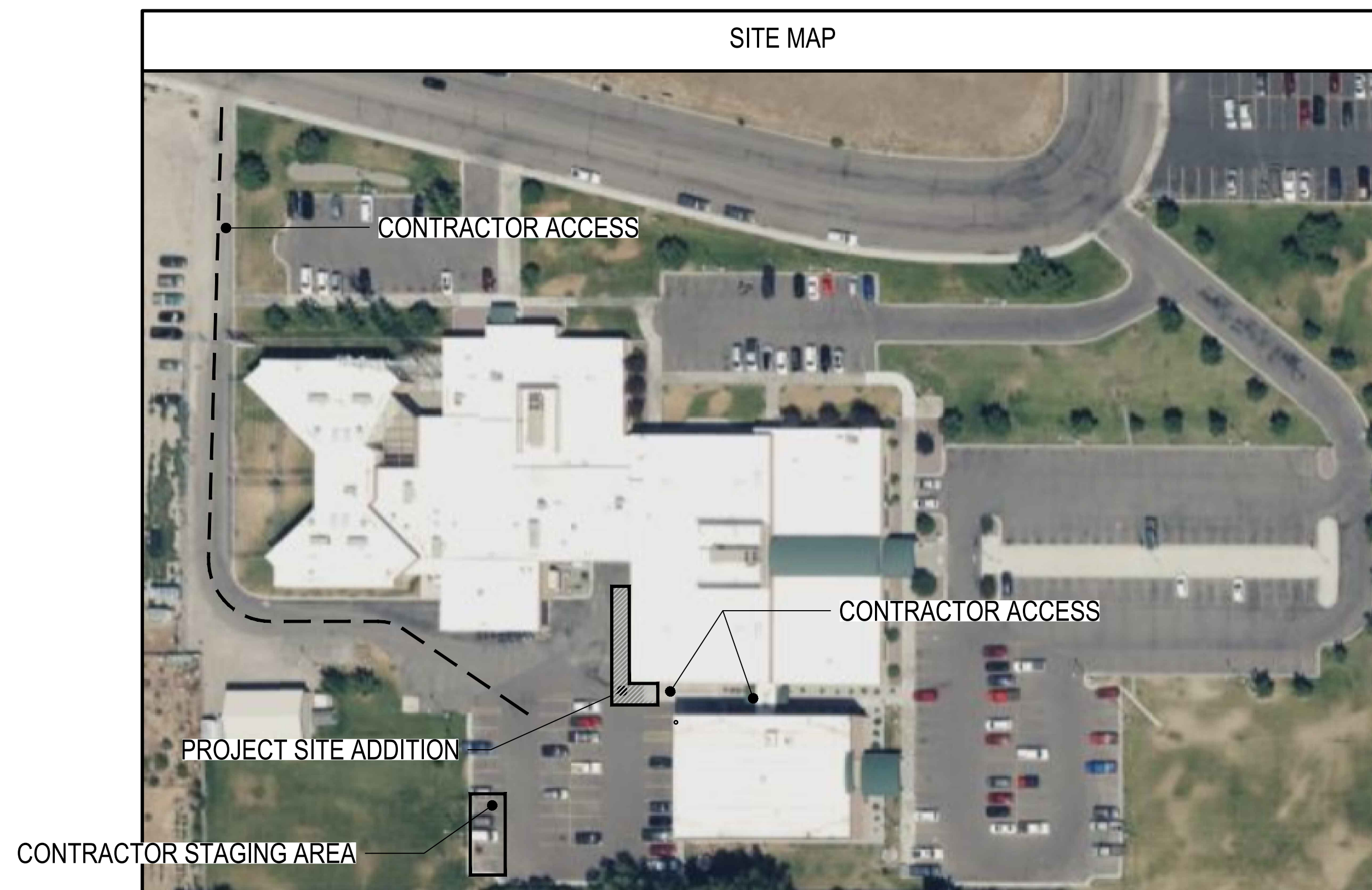


ADDITION & REMODEL

JEFFERSON COUNTY COURTS ADDITION


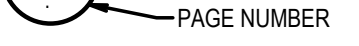



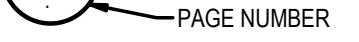

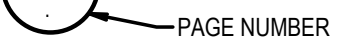



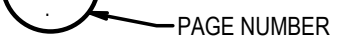







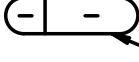



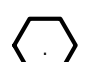



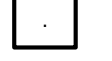

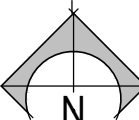










BUILDING ADDRESS:
210 COURTHOUSE WAY
RIGBY, IDAHO

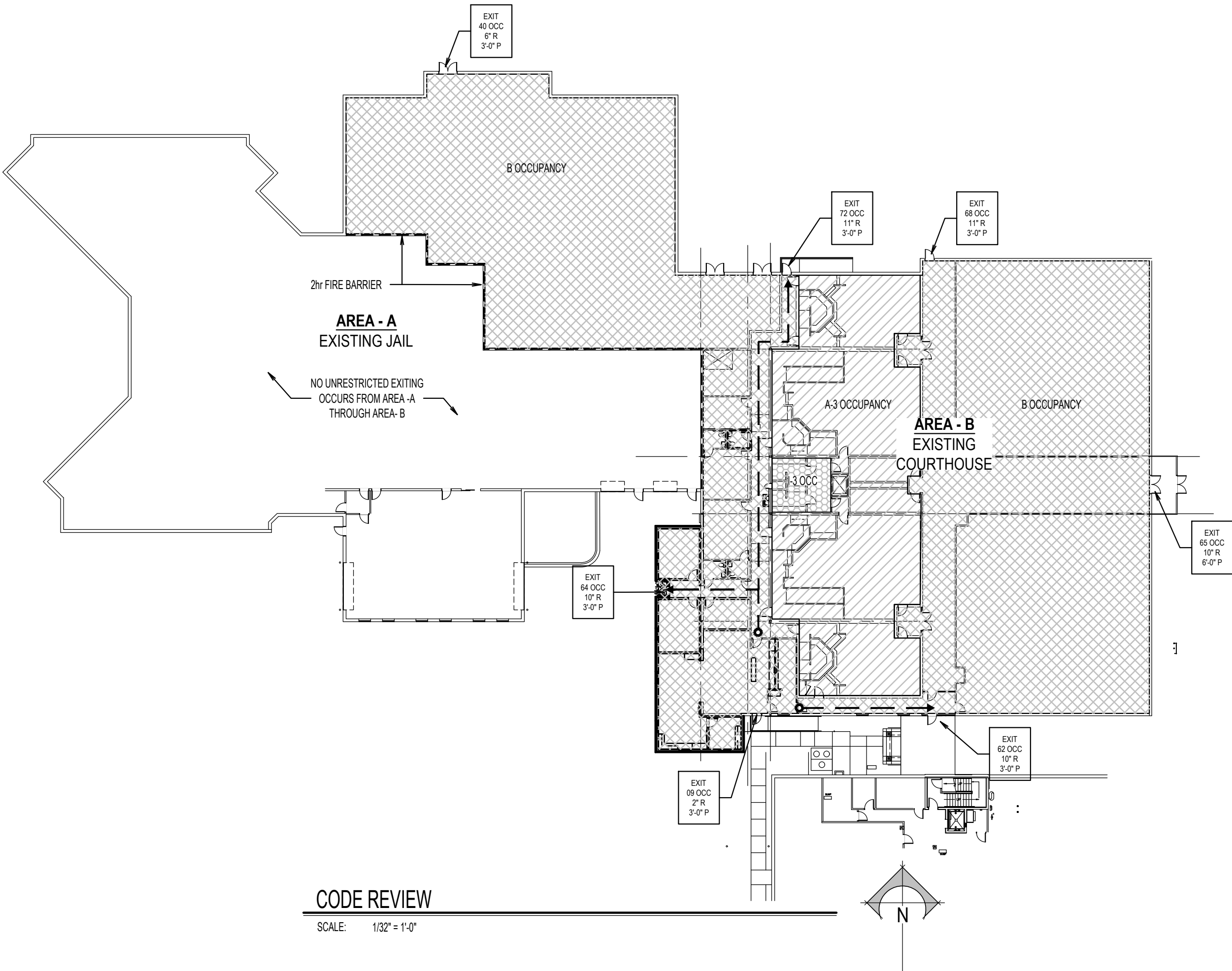


CONSULTANTS

[illegible]

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	DETAIL
SCALE: 7" = 1'-0"	
	DETAIL NUMBER DETAIL TITLE TAG PAGE NUMBER
	ELEVATION
SCALE: 7" = 1'-0"	
	DETAIL NUMBER ELEVATION TITLE TAG PAGE NUMBER
	HEAD
SCALE: 7" = 1'-0"	
	DETAIL NUMBER HEAD DETAIL TAG PAGE NUMBER
	JAMB
SCALE: 7" = 1'-0"	
	DETAIL NUMBER JAMB DETAIL TAG PAGE NUMBER
	SECTION
SCALE: 7" = 1'-0"	
	DETAIL NUMBER SECTION TITLE TAG PAGE NUMBER
	SILL
SCALE: 7" = 1'-0"	
	DETAIL NUMBER SILL DETAIL TAG PAGE NUMBER
	TITLE
SCALE: 7" = 1'-0"	
	MAIN TITLE TAG
	ELEV. 100'-0"
FINISHED FLOOR	ELEVATION HEIGHT TAG
	BREAK LINE
	SECTION NUMBER
	BUILDING SECTION TAG
	PAGE NUMBER
	CEILING TYPE
	CEILING TAG
	CEILING HEIGHT
	DETAIL NUMBER
	DETAIL TAG
	PAGE NUMBER
	DOOR TAG
	DRAWING NOTE
	ELEVATION TAG
	FLOOR TYPE TAG
	NORTH ARROW
	REVISION TAG
	ROOF TYPE TAG
	ROOM
	ROOM NAME ROOM NAME TAG
	ROOM NUMBER
	SECTION NUMBER
	WALL SECTION TAG
	PAGE NUMBER
	WALL TYPE TAG
	WINDOW TAG



CODE REVIEW

SCALE: 1/32" = 1'-0"

CODE ANALYSIS

GOVERNING CODE:
BUILDING/STRUCTURAL: 2018 IRC
ELECTRICAL: 2018 NEC
PLUMBING: 2018 UPC
MECHANICAL: 2018 IMC

CONSTRUCTION TYPE:
TYPE II-B, 100% FIRE SPRINKLED

BUILDING OCCUPANCY:
B, A-3, I3

AREA BY OCCUPANCY GROUP:

FIRE AREA B		
A-3	6,025	SQFT
B	27,402	SQFT
I3	400	SQFT
TOTAL	34,573	SQFT

AREA INCREASE PER SECTION 506:
FRONTAGE INCREASE:
[267/378 - 25] 30/30 = 45%
ALLOWABLE INCREASE FOR FIRE SPRINKLER SYSTEM: 300%

ALLOWABLE AREA CALCULATIONS:
B 69,000 + [(69,000 x .45)] = 100,050
100,050 > 27,402 = OK
A-3 28,500 + [(28,500 x .45)] = 41,325
41,325 > 6,025 = OK
I-3 40,000 + [(40,000 x .45)] = 58,100
58,100 > 400 = OK

NON SEPARATED USES PER SECTION 508.3
BUILDING AREA BASED ON NON-SEPARATED USES (SECTION 508.3)
ALLOWABLE AREA AND HEIGHTS ARE BASED ON THE MOST RESTRICTIVE DIFFERENT USES ARE NOT SEPARATED BY FIRE BARRIERS.
B, A = MOST RESTRICTIVE USE
ALLOWABLE SQUARE FOOTAGE = 199,475 SF
TOTAL ACTUAL SQUARE FOOTAGE = 33,827 SF, OK

OCCUPANCY SEPARATION:
NONE

FIRE RESISTANCE HOUR-RATING FOR BUILDING ELEMENTS (TABLE 601):
TYPE II-B, ALL ELEMENTS - 0-HR

EXTERIOR WALL FIRE RESISTANCE HOUR-RATING BASED ON DISTANCE SEPARATION (TABLE 602):			
TYPE II-B	X 5'	FIRE SEPARATION DISTANCE	1-HR
TYPE II-B	5' ≤ X < 10'	FIRE SEPARATION DISTANCE	1-HR
TYPE II-B	10' ≤ X < 30'	FIRE SEPARATION DISTANCE	0-HR
TYPE II-B	X ≥ 30'	FIRE SEPARATION DISTANCE	0-HR

OCCUPANT LOAD:
TOTAL OCCUPANT LOAD= 202(LOWER LEVEL ONLY)

EGRESS WIDTH 380 x .15 = 57" REQUIRED - 324" PROVIDED
TRAVEL DISTANCE 250' MAXIMUM - 80' ACTUAL

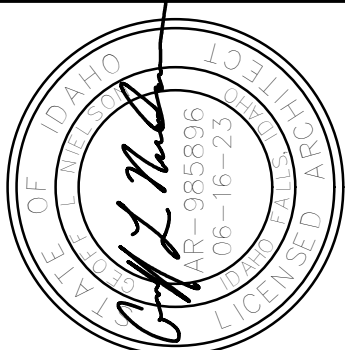
FIRE FLOW & FIRE HYDRANT CALCULATION:

REQUIRED: 1,750 GPM - 2 HOUR DURATION
2009 IFC SECTION B105.2, EXCEPTION: REDUCE FIRE FLOW TO 1,500 GMP WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM.
REQUIRED: 1 FIRE HYDRANT FOR FIRE FLOW OF 1,750 GMP OR LESS.

LOT & BLOCK DESCRIPTION:
LOT 1, BLK 1 RIGBY TOWN SQUARE LESS RIGBY TOWN SQUARE DIV #4, SEC. 18, TWP 4 NORTH RGE 39 EBM

LAND USE ZONE:
COMMERCIAL

BUILDING INFORMATION:
HEIGHT OF BUILDING: 28'-0"
NUMBER OF BASEMENTS: 0
NUMBER OF STORIES: 1



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

CODE REVIEW

PROJECT:

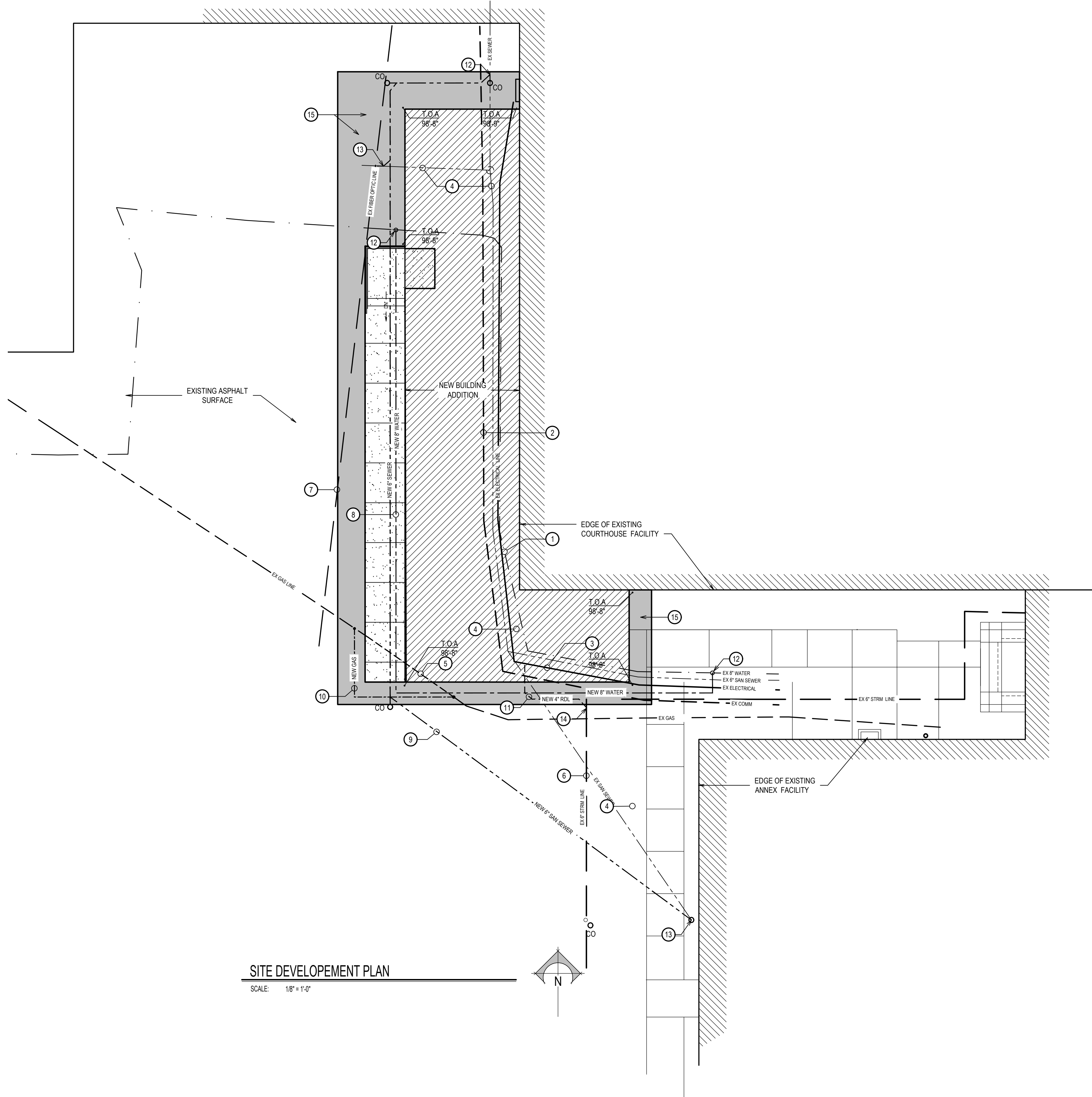
SHEET TITLE

REVISIONS

PROJECT NO.: 23003
DATE: JUNE 2023
DRAWN BY: CGK
CHECKED BY: GLN

DRAWING NO.:

GS1.1



SITE DEVELOPEMENT PLAN

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

GENERAL NOTES SITE

- ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED THE WORK STANDARDS AND SPECIFICATIONS SET FORTH BY THE JEFFERSON COUNTY WATER, STREET, AND SANITATION DEPARTMENTS AND/OR REQUIREMENTS OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, (ISPGWC), CURRENT EDITION.
- ALL MATERIAL FURNISHED ON OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES OR AS SET FORTH HEREIN, WHICHEVER IS MORE RESTRICTIVE.
- THE CONTRACTOR IS CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO START OF WORK. ALL CONTRACTORS, SUBCONTRACTORS AND/OR UTILITY CONTRACTORS SHALL BE PRESENT.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
- ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY INCLUDING BUT NOT LIMITED TO: BARRICADES, SAFETY DEVICES, CONTROL OF TRAFFIC, EXCAVATION, TRENCHING, SHORING, AND SECURITY WITHIN AND AROUND THE CONSTRUCTION AREA.
- CONTRACTORS MUST FURNISH PROOF THAT ALL MATERIALS INSTALLED ON THIS PROJECT MEET THE REQUIREMENTS OF NOTE # 2 ABOVE AT THE REQUEST OF THE AGENCY AND/OR ENGINEER.
- DEVELOPMENTAL DRAWINGS MUST BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PRIOR TO FINAL APPROVAL.
- ONLY PLAN SETS MARKED "APPROVED FOR CONSTRUCTION" SHALL BE USED BY THE PROJECT CONTRACTOR(S). USE OF ANY PLANS ON THE JOB WITHOUT THE "APPROVED FOR CONSTRUCTION" STAMP SHALL BE GROUNDS FOR THE ISSUANCE OF A STOP WORK ORDER. CONTRACTOR MUST ALSO MAINTAIN A SET OF PLANS STAMPED WITH APPROVAL BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY ON SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED IN FROM THE SITE.
- ALL MEASURES POSSIBLE SHALL BE TAKEN TO ENSURE EROSION CONTROL WITH BEST MANAGEMENT PRACTICES.
- ALL WORK MUST MEET STANDARDS SET FORTH BY THE AMERICAN DISABILITIES ACT (ADA).
- TRENCH BACKFILL TYPE 2A COMPACTION "WATER SETTLING" WILL NOT BE AN ACCEPTABLE METHOD OF TRENCH BACKFILL COMPACTION.
- NBW ARCHITECTS PA AND/OR INSPECTOR SHALL MAKE PERIODIC VISITS TO THE PROJECT LOCATION TO ENSURE THAT THE SITE IMPROVEMENTS MEET OR EXCEED STANDARDS AND DESIGN AS PER THE APPROVED CONSTRUCTION DRAWINGS.
- TO RECEIVE FINAL ACCEPTANCE, CONTRACTOR MUST SUBMIT COPY OF FIELD PLANS COMPLETE WITH CONSTRUCTION NOTES AND AS-BUILT INFORMATION, CORRECTIONS, CHANGES, ETC.
- CONTRACTOR MUST HAVE ISPGWC MANUAL, (CURRENT EDITION) ON-SITE DURING ALL PHASES OF CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN NON-ACCEPTANCE OF THE SITE BY DEQ, ENGINEER, CITY, ETC.

GENERAL NOTES ASPHALT

- NO CONSTRUCTION SHALL BEGIN BEFORE THE PRE-CONSTRUCTION MEETING, WHICH THE CONTRACTOR IS REQUIRED TO ATTEND.
- CONTRACTOR SHALL CONSTRUCT THREE AND ONE-HALF INCHES (3-1/2") OF ASPHALT PAVEMENT THICKNESS AT JOINT LOCATIONS FOR ALL PAVEMENT MATCHES.
- ALL WORK WILL BE INSPECTED BY THE AUTHORITY HAVING JURISDICTION IN ACCORDANCE WITH THE LATEST EDITION OF THE "CONSTRUCTION QUALITY ASSURANCE MANUAL".
- BORROW SHALL BE OBTAINED FROM SOURCES DESIGNATED OR APPROVED IN WRITING BY THE ENGINEER. CLEARING AND GRUBBING SHALL CONSIST OF REMOVING ALL NATURAL AND ARTIFICIAL OBJECTIONABLE MATERIALS UNDER NO CIRCUMSTANCES SHALL ROADWAYS BE PLACED ON FROZEN OR OBJECTIONABLE MATERIAL.
- THE SUBGRADE SHALL BE EXCAVATED AND BLADED TO REMOVE ALL UNEVEN AREAS AND TO SECURE A UNIFORM SURFACE TRUE TO GRADE AND LINE. THE SUBGRADE MATERIAL SHALL THEN BE SCARIFIED TO A DEPTH OF EIGHT INCHES (8"), ADJUSTED TO WITHIN APPROXIMATELY 2% OF OPTIMUM MOISTURE CONTENT AND COMPACTED TO THE MINIMUM DENSITY REQUIRED AS STATED IN ISPGWC.
- ALL CONCRETE USED SHALL BE CONCRETE SHALL BE AS SPECIFIED. ALL CONCRETE SHALL BE CURED BY A LIQUID MEMBRANE-FORMING CURING COMPOUND METHOD, UNLESS OTHERWISE SPECIFIED IN WRITING BY THE ENGINEER.
- ALL STRIPPING AND EXCESS TOPSOIL SHALL BE STOCKPILED AND STORED AT CONTRACTOR'S EXPENSE.

KEYNOTES

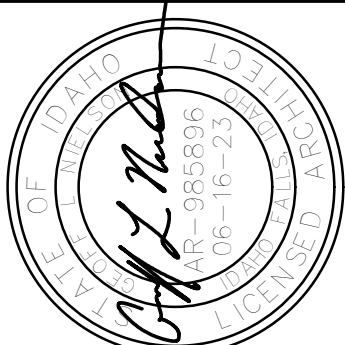
- EXISTING 8" WATER SERVICE TO BE RE-ROUTED AS INDICATED. ABANDON EXISTING LINES IN PLACE AND COMPACT FILL MATERIALS TO REQUIRED GRADES.
- EXISTING COMMUNICATION SERVICE TO BE RE-ROUTED BY OWNER PRIOR TO START OF CONSTRUCTION. LINES ARE TO BE ABANDON IN PLACE.
- EXISTING ELECTRIC SERVICE TO REMAIN IN PLACE. PROVIDE SLEEVE THROUGH NEW FOUNDATIONS AS REQUIRED. SEE ELECTRICAL DRAWINGS FOR RE-ROUTING AND STRUCTURAL DRAWINGS FOR PENETRATIONS THROUGH FOUNDATIONS.
- EXISTING 6" SANITARY SEWER SERVICE TO BE RE-ROUTED AS INDICATED. ABANDON EXISTING LINES IN PLACE AND COMPACT FILL MATERIALS TO REQUIRED GRADES.
- EXISTING GAS SEWER SERVICE TO BE RE-ROUTED AS INDICATED. REMOVE LINE FROM EXCAVATION TO ACCOMMODATE NEW FOOTING. COMPACT FILL MATERIALS TO REQUIRED GRADES.
- EXISTING 6" STORM SEWER TO REMAIN IN PLACE.
- EXISTING FIBER OPTIC LINE TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
- RE-ROUTE NEW 8" WATER LINE AS INDICATED ON DRAWING.
- RE-ROUTE 6" SANITARY SEWER AS INDICATED.
- RE-ROUTE GAS LINE AS INDICATED.
- ROUTE ROOF DRAIN LEADER TO EXISTING STORM SEWER AS REQUIRED
- 8" WATER CONNECTION
- 6" SEWER CONNECTION
- 6" STORM SEWER CONNECTION(RDL)
- WHERE EXISTING ASPHALT HAS BEEN REMOVED TO ACCOMMODATE INSTALLATION OF NEW CONSTRUCTION, PATCH ASPHALT WITH NEW 3 1/2" HOT MIX ASPHALT. SLOPE FROM INDICATED ELEVATION TO EXISTING ADJACENT GRADE.

GENERAL NOTES SEWER

- FINAL APPROVAL AND ACCEPTANCE OF ALL SEWER CONSTRUCTION WILL BE BY THE AUTHORITY HAVING JURISDICTION.
- SEWER INSPECTION WILL BE BY THE AUTHORITY HAVING JURISDICTION AND THEIR DECISIONS SHOULD BE CONSIDERED AS FINAL. THE CONTRACTOR WILL NOTIFY THE AUTHORITY HAVING JURISDICTION FORTY-EIGHT HOURS PRIOR TO CONSTRUCTION. THE AUTHORITY HAVING JURISDICTION WILL PROVIDE PERIODIC INSPECTIONS OF AN EIGHT-HOUR DAY FROM 8:00 A.M. TO 5:00 P.M., FOR A FORTY-FOUR (40) WEEK.
- PRIOR TO FINAL ACCEPTANCE, AFTER ALL UTILITIES ARE INSTALLED AND PRIOR TO PAVING, AN AIR TEST SHALL BE CONDUCTED. THE CONTRACTOR SHALL CONTACT THE AUTHORITY HAVING JURISDICTION A MINIMUM OF TWENTY-FOUR (24) HOURS PRIOR TO TESTING. ALL MANHOLES SHALL BE TESTED IN ACCORDANCE WITH THE ISPGWC.
- THE HORIZONTAL SEPARATION OF THE WATER AND SEWER MAINS SHALL BE A MINIMUM OF TEN FEET (10'), WHERE IT IS NECESSARY FOR SEWER, STORM DRAIN, OR IRRIGATION (NON-POTABLE LINES) AND WATER TO CROSS EACH OTHER AND THE NON-POTABLE LINE IS LESS THAN EIGHTEEN INCHES (18") BELOW, OR THE NON-POTABLE LINE IS ABOVE THE WATER MAIN, THE NON-POTABLE LINE SHALL BE A PVC PRESSURE PIPE CONFORMING TO AWWA C-300 AND WATER TIGHT JOINTS FOR A DISTANCE OF TEN FEET (10') ON BOTH SIDES OF THE WATER MAIN, IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO PUBLIC DRINKING WATER STANDARDS. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED OVER THE CROSSING POINT SO THAT BOTH JOINTS WILL BE AS FAR FROM THE CROSSING POINT AS POSSIBLE.
- GROUNDWATER LEVELS SHALL BE MAINTAINED BELOW THE BOTTOM OF THE TRENCH DURING THE PIPE LAYING AND PIPE JOINING OPERATIONS.
- THE CONTRACTOR SHALL CONSTRUCT THE STORM SEWER IN ACCORDANCE WITH THE PLANS APPROVED BY THE AUTHORITY HAVING JURISDICTION. THESE PLANS WILL BE PROVIDED TO THE CONTRACTOR BY THE PROJECT INSPECTOR PRIOR TO CONSTRUCTION. WORK SHALL NOT BE DONE WITHOUT THE CURRENT SET OF APPROVED PLANS.
- STORM DRAIN AND IRRIGATION STREET CROSSING SHALL UTILIZE TYPE 1 BEDDING MATERIAL, PLACED IN SIX INCH (6") LAYERS AS PER ISPGWC TYPICAL TRENCH DETAIL, DRAWING SD-301.
- DO NOT REINSTALL EXISTING PIPE. LEAVE ALL ABANDON LINES IN PLACE.
- THRUST BLOCKS SHALL BE INSTALLED PER THE LATEST EDITION OF ISPGWC SECTION 505.

GENERAL NOTES WATER

- FINAL APPROVAL AND ACCEPTANCE OF ALL WATER CONSTRUCTION WILL BE BY THE AUTHORITY HAVING JURISDICTION.
- NO CONSTRUCTION SHALL BEGIN BEFORE THE PRE-CONSTRUCTION MEETING, WHICH THE CONTRACTOR IS REQUIRED TO ATTEND. WATER INSPECTIONS WILL BE BY THE AUTHORITY HAVING JURISDICTION AND THEIR DECISION SHALL BE CONSIDERED FINAL.
- THE WATER MAIN SHALL BE TESTED FOR PRESSURE, FLUSHING, AND DISINFECTION IN ACCORDANCE WITH ISPGWC SECTION 401 AND IN ACCORDANCE WITH AWWA STANDARD C651.
- THE PAVING CONTRACTOR SHALL SET AND POUR CONCRETE COLLARS ON ALL VALVES AND MANHOLES PER ISPGWC STANDARD DRAWING SD-405.
- DO NOT REINSTALL EXISTING PIPE. LEAVE ALL ABANDON LINES IN PLACE.
- WATER DEPARTMENT APPROVED "MARKING/DETECT TAPE" SHALL BE PLACED OVER ALL WATER LINES. TAPE SHALL BE PLACED A MINIMUM OF SIX INCHES (6") AND MAXIMUM OF TWELVE INCHES (12") ABOVE ALL PIPE.
- ALL PRODUCTS IN CONTACT WITH POTABLE WATER MUST COMPLY WITH NSF61 REGULATIONS.
- 12 GAUGE WIRE SHALL BE SHIELDED AND TAPED TO WATERLINE.
- THRUST BLOCKS SHALL BE INSTALLED PER THE LATEST EDITION OF ISPGWC SD-403.



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

PROJECT:

REVISIONS

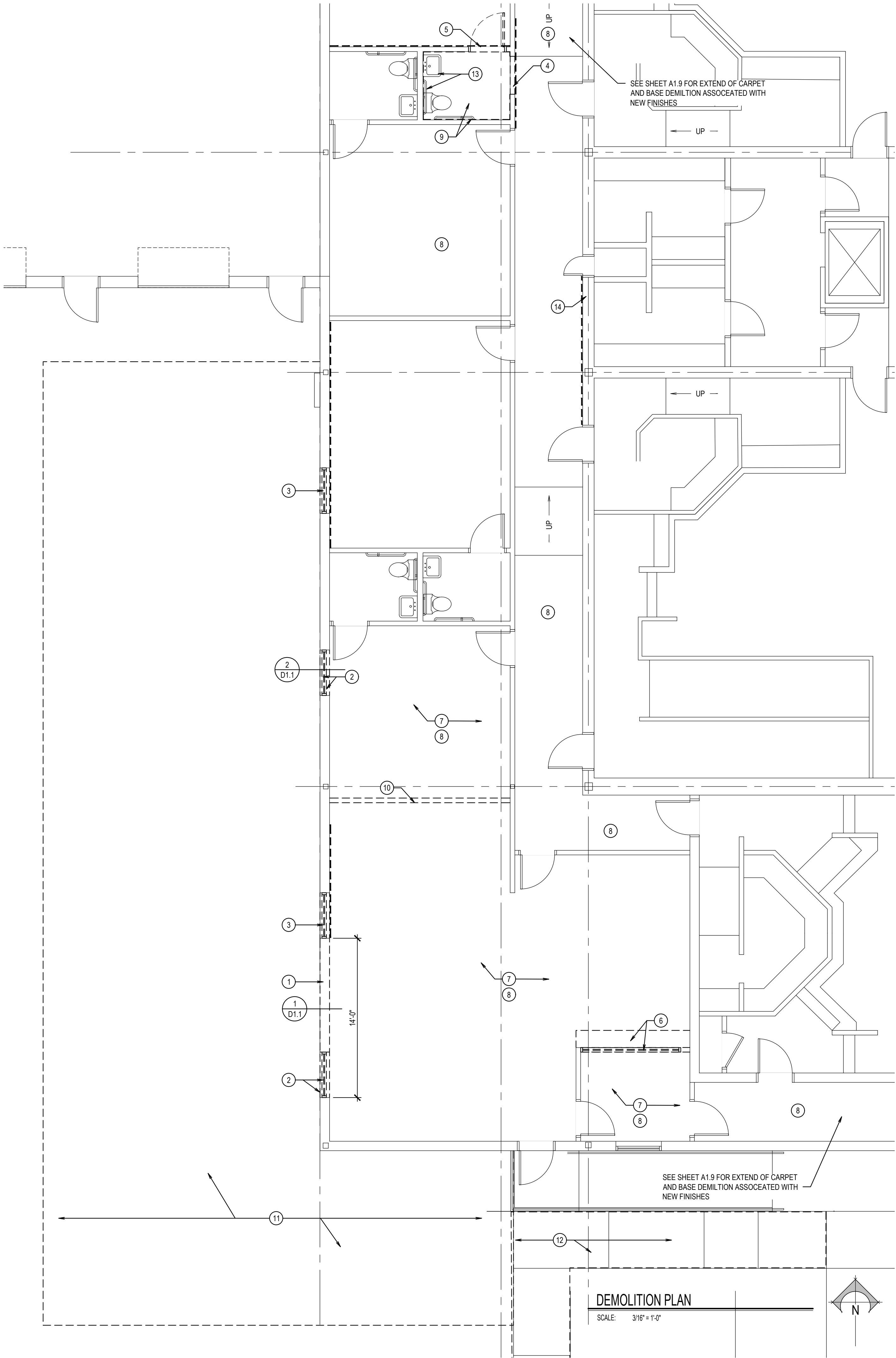
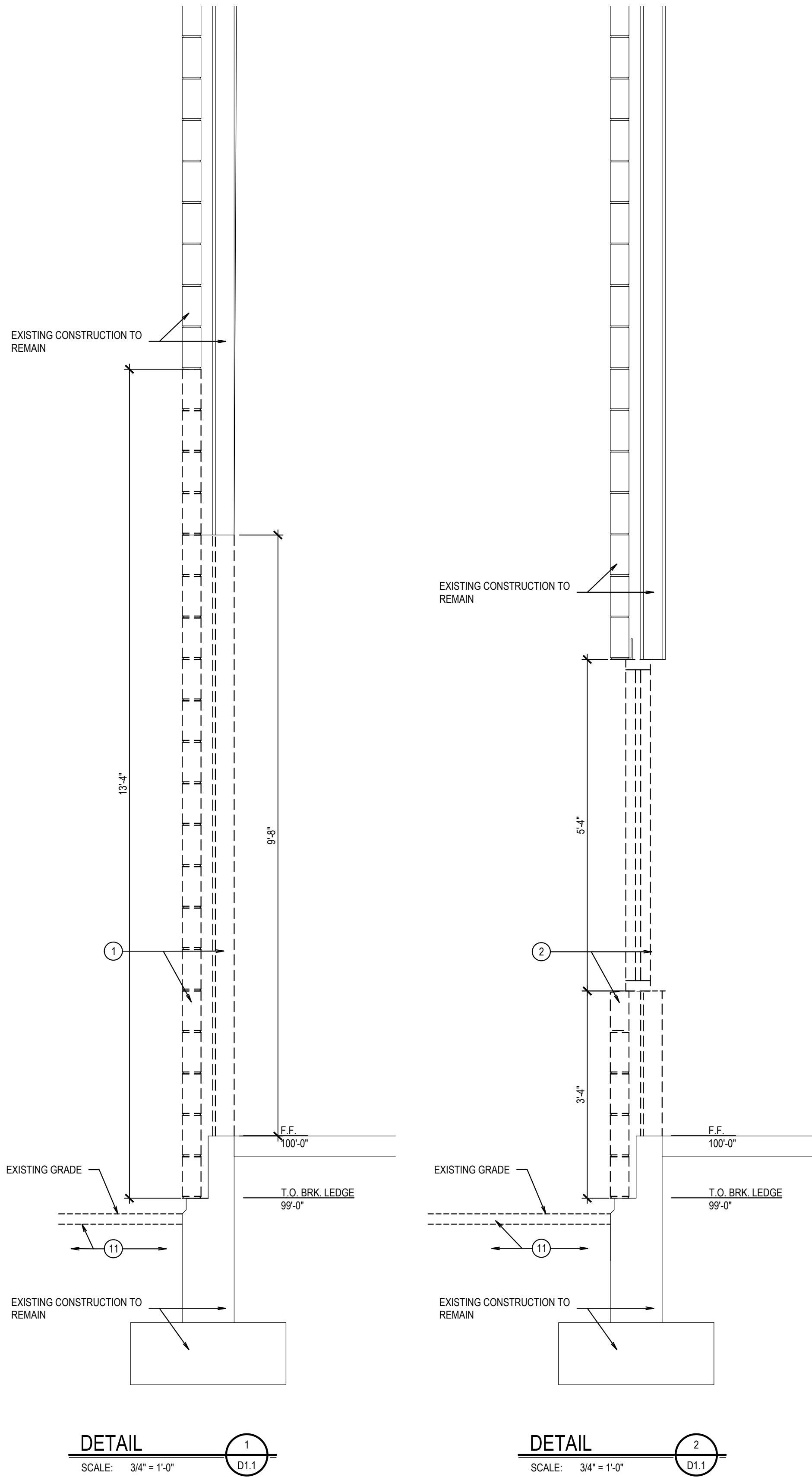
PROJECT NO.: 23003
DATE: JUNE 2023
DRAWN BY: CGK
CHECKED BY: GLN

DRAWING NO.:

SITE DEVELOPEMENT PLAN

SHEET TITLE

SD1.1



GENERAL NOTES

- ALL WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
- CONTRACTOR TO COORDINATE ALL DIMENSIONS OF WORK TO BE REMOVED AGAINST WORK PLANNED TO BE INSTALLED.
- REMOVE ALL DEBRIS FROM SITE AND DISPOSE OF AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION
- ANY DISRUPTION IN UTILITIES IN ORDER TO ACCOMMODATE CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER.
- WHERE UTILITY RE-LOCATION WORK IS TO BE PERFORMED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ASPHALT SURFACE ASSEMBLY AND COORDINATE QUANTITIES FOR BIDDING

DEMOLITION KEYNOTES

EXISTING ITEMS — TO REMAIN

EXISTING ITEMS TO BE DEMOLISHED

- REMOVE PORTION OF EXISTING METAL STUD WALL & MASONRY VENEER CONSTRUCTION TO ACCOMMODATE NEW OPENING.
- REMOVE EXTERIOR WINDOW ASSEMBLY AND PORTION OF METAL STUD WALL AND MASONRY VENEER TO ACCOMMODATE NEW OPENING.
- REMOVE EXTERIOR WINDOW ASSEMBLY AND PORTION OF METAL STUD WALL AND MASONRY VENEER TO ACCOMMODATE NEW STUD WALL & MASONRY INFILL
- REMOVE PORTION OF EXISTING STUD WALL CONSTRUCTION TO ACCOMMODATE NEW DOOR OPENING.
- REMOVE EXISTING WOOD DOOR AND HOLLOW METAL FRAME ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION.
- REMOVE EXISTING PUBLIC INTERFACE COUNTER & WALL ASSEMBLY TO ACCOMMODATE INSTALLATION OF NEW CONSTRUCTION.
- REMOVE EXISTING CEILING CONSTRUCTION TO ACCOMMODATE INSTALLATION OF NEW CONSTRUCTION.
- REMOVE EXISTING CARPET FLOORING & RUBBER WALL BASE TO ACCOMMODATE NEW FLOOR COVERING CONSTRUCTION.
- REMOVE CERAMIC TILE WAINSCOT AND FLOORING TO ACCOMMODATE INSTALLATION OF NEW FLOOR COVERING CONSTRUCTION
- REMOVE PORTION OF EXISTING STUD WALL CONSTRUCTION TO ACCOMMODATE INSTALLATION OF NEW CONSTRUCTION.
- REMOVE PORTION OF EXISTING ASPHALT PARKING LOT TO ACCOMMODATE INSTALLATION OF NEW STRUCTURE.
- REMOVE PORTION OF EXISTING WALKS TO ACCOMMODATE RELOCATION OF UTILITIES. CONTRACTOR TO FIELD VERIFY QUANTITY.
- REMOVE EXITING TOILET ROOM ACCESSORIES FOR RE-STALLATION B THIS CONTRACTOR
- REMOVE PORTION OF WALL CONTRACTION TO ACCOMMODATE INSTALLATION OF RE-LOCATED DRINKING FOUNTAIN

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PROJECT: BUILDING ADDITION & REMODEL

JEFFERSON COUNTY COURTS ADDITION

JEFFERSON COUNTY COURTHOUSE

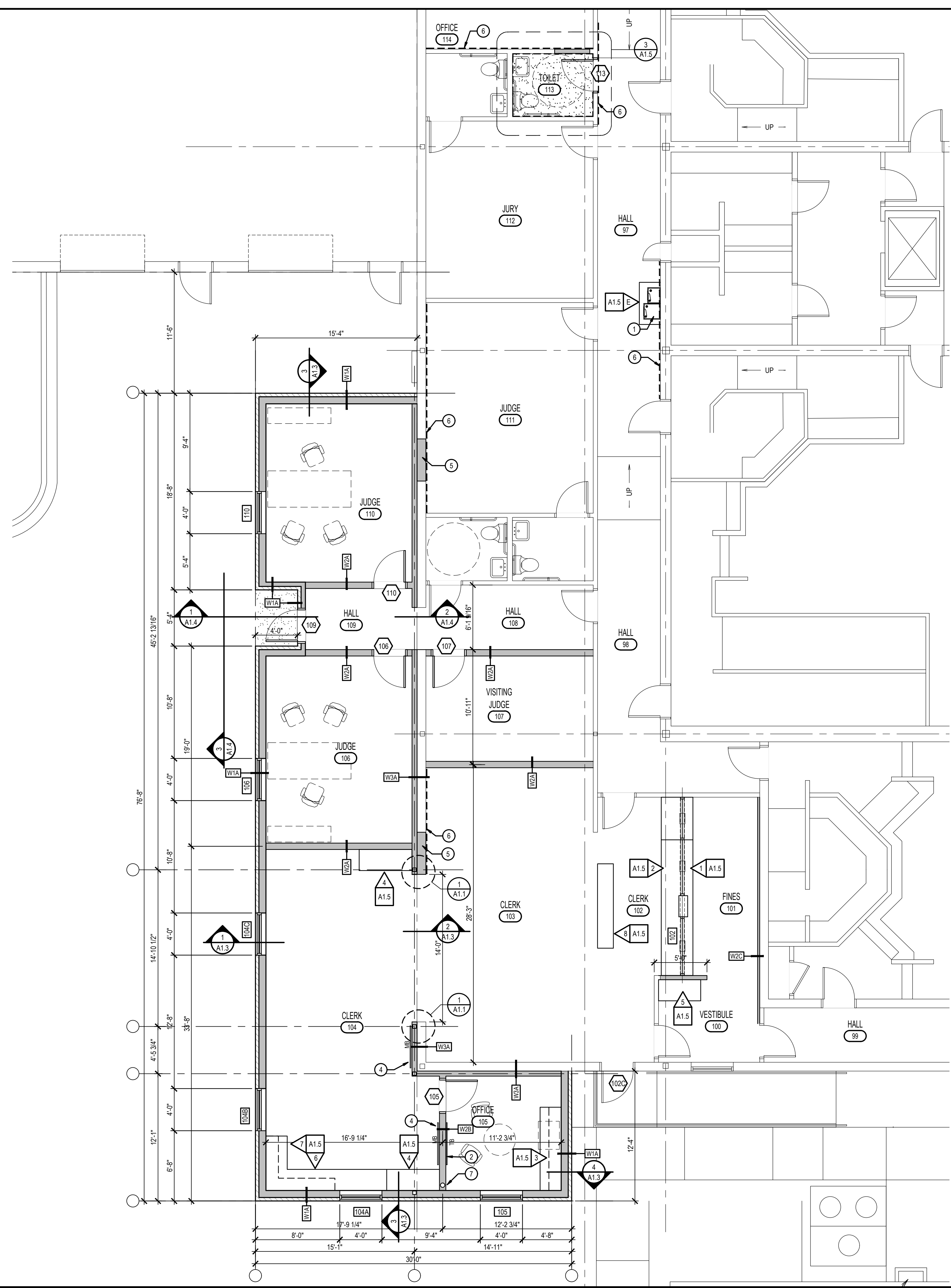
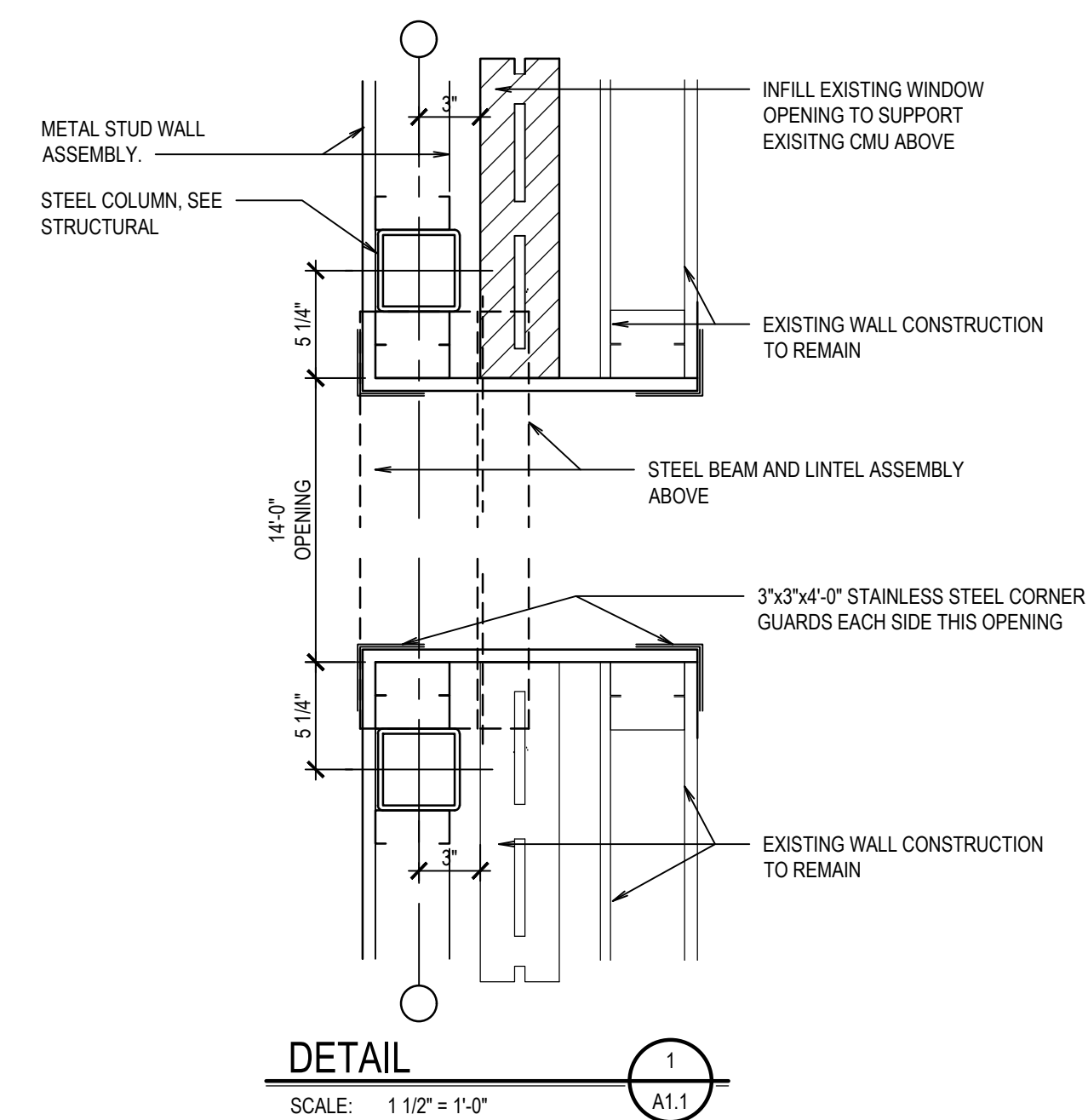
RIGBY, IDAHO

SHEET TITLE: DEMOLITION PLAN

REVISIONS

PROJECT NO.: 23003
DATE: JUNE 2023
DRAWN BY: CGK
CHECKED BY: GLN
DRAWING NO:

D1.1



GENERAL NOTES

- ALL WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
- CONTRACTOR TO COORDINATE ALL DIMENSIONS OF WORK TO BE REMOVED AGAINST WORK PLANNED TO BE INSTALLED.
- REMOVE ALL DEBRIS FROM SITE AND DISPOSE OF AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL COMPLETE, THROUGH THEIR BEST EFFORTS POSSIBLE ALL WORK IN THE ADDITION PRIOR TO BREACHING THE EXISTING EXTERIOR WALL AND PERFORMING WORK ON THE INTERIOR SIDE OF THE PROJECT.
-

FLOOR PLAN KEYNOTES

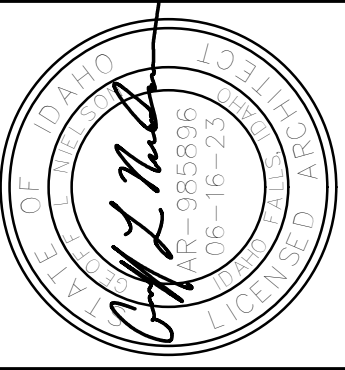
- NEW DRINKING FOUNTAIN. PATCH AND REPAIR WERE DISTURBED BY INSTALLATION OF NEW PLUMBING. SEE MECHANICAL DRAWINGS.
- MARKER BOARD AS SPECIFIED.
- EXTEND WALL AND GYPSUM BOARD CONSTRUCTION TO BOTTOM OF FLOOR/CEILING DECK ABOVE.
- 4' x 4' MARKER BOARD
- INFILL MASONRY PORTION OF THE WINDOW OPENING WITH CMU TO SUPPORT MASONRY ABOVE. INFILL PORTION OF METAL STUD WALL AS REQUIRED TO COMPLETE WALL PLANE. TEXTURE AND PAINT ADJACENT WALL PLANE.
- DASHED LINE INDICATES EXTENT OF NEW TEXTURE WALL SURFACE PLANE WHERE INDICATED. SEE FINISH SCHEDULE FOR ADDITIONAL WORK.
- ROOF DRAIN LEADER (RDL)

WALL TYPES LEGEND

	NEW STUD WALL CONSTRUCTION
	NEW MASONRY VENEER CONSTRUCTION
	EXISTING WALL CONSTRUCTION

TYPE	DESCRIPTION
W1A	CONCRETE MASONRY UNIT VENEER 2" CONTINUOUS RIGID BOARD INSULATION. 6" MTL. STUD FRAMING @ 16" o.c. TO HEIGHT INDICATED. INSULATE STUD SPACE FULL WITH BATT INSULATION & VAPOR BARRIER. 5/8" GYPSUM BOARD INT. SIDE. EXTEND TO BOTTOM OF ROOF DECK. ADDITIONAL FINISHES AS SCHEDULED.
W2A	6" MTL. STUD FRAMING @ 16" o.c. TO BOTTOM OF DECK. INSULATE STUD SPACE FULL WITH SOUND BATT INSULATION 1/8" ACOUSTICAL SOUNDBARRIER (1) LAYER 5/8" GYPSUM BOARD ONE SIDE (2) LAYER 5/8" GYPSUM BOARD ONE SIDE ADDITIONAL FINISHES AS SCHEDULED.
W2B	6" MTL. STUD FRAMING @ 16" o.c. TO BOTTOM OF DECK. INSULATE STUD SPACE FULL WITH SOUND BATT INSULATION 5/8" GYPSUM BOARD EACH SIDE. ADDITIONAL FINISHES AS SCHEDULED.
W2C	EXISTING WALL CONSTRUCTION 7/8" MTL. STUD FURRING @ 24" o.c. TO BOTTOM OF DECK 1/8" ACOUSTICAL SOUNDBARRIER (1) LAYER 5/8" GYPSUM BOARD ONE SIDE ADDITIONAL FINISHES AS SCHEDULED.
W3A	3 5/8" MTL. STUD FURRING @ 24" o.c. TO BOTTOM OF DECK 5/8" GYPSUM BOARD ONE SIDE. ADDITIONAL FINISHES AS SCHEDULED.

WALL NOTES



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

FLOOR PLAN

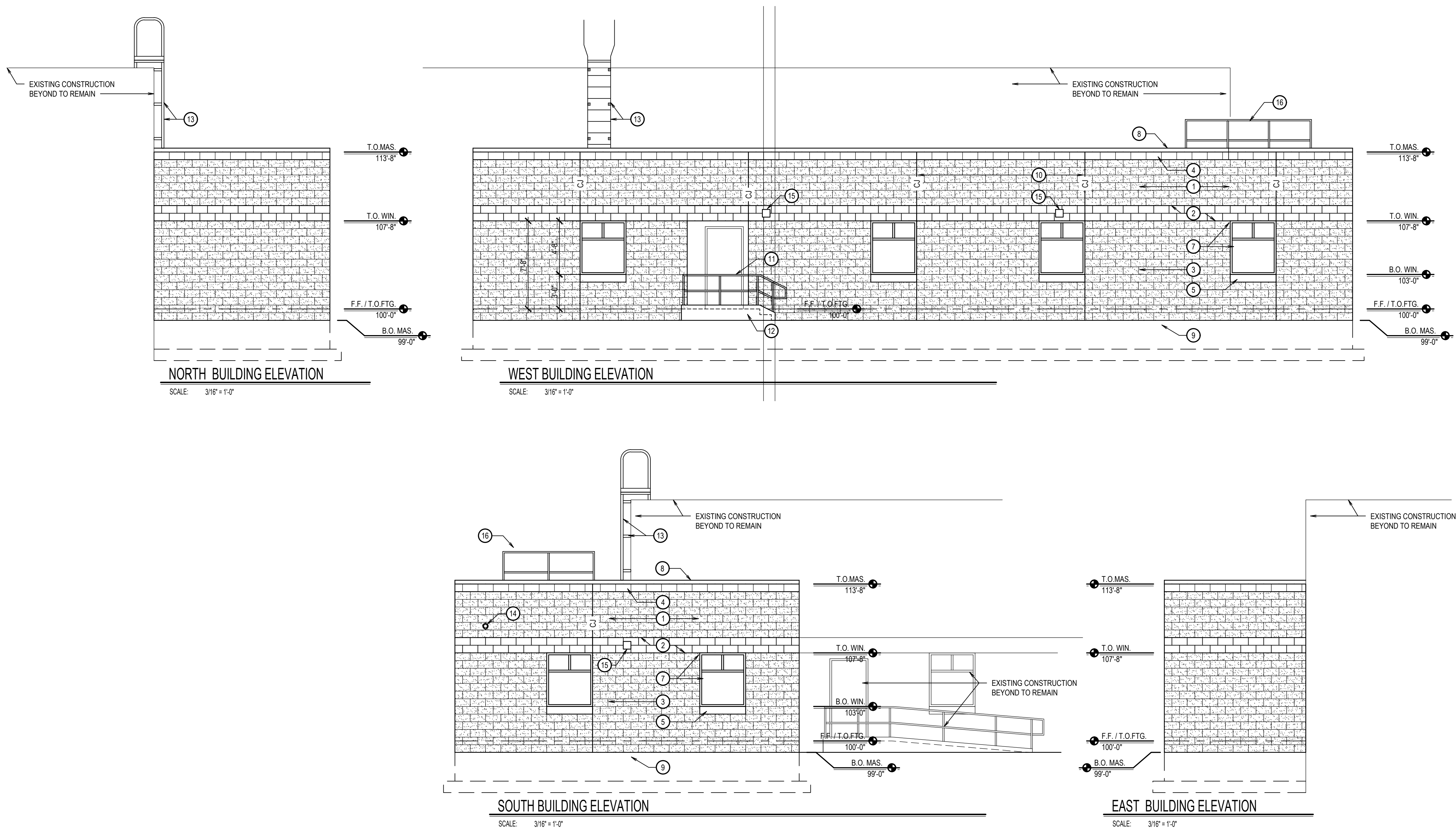
PROJECT:

REVISIONS

PROJECT NO.: 23003
DATE: JUNE 2023
DRAWN BY: CGK
CHECKED BY: GLN

DRAWING NO.:

A1.1



GENERAL NOTES

1. ALL WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
3. REMOVE ALL DEBRIS FROM SITE AND DISPOSE OF AS REQUIRED BY LOCAL JURISDICTION HAVING AUTHORITY.

BUILDING ELEVATION KEYNOTES

1. 8x4x16 SPLIT FACE CONCRETE MASONRY UNIT VENEER. COLOR-#76 CUSTOM RED.
2. 8x4x16 GROUND CONCRETE MASONRY UNIT VENEER. COLOR-#2 CUSTOM BUFF.
3. 8x4x16 SPLIT FACE CONCRETE MASONRY UNIT VENEER. COLOR-#2 CUSTOM BUFF.
4. 8x8x16 SMOOTH FACE CONCRETE MASONRY UNIT. COLOR-#76 CUSTOM RED.
5. CAST STONE MASONRY. OWENS CORNING TAUPE
6. ALUMINUM STORE FRONT ASSEMBLY. COLOR-KAWNEER DARK IVY
7. ALUMINUM WINDOW ASSEMBLY. COLOR MBCI SPRUCE
8. PRE-FINISHED METAL CAP FLASHING. COLOR MBCI SPRUCE.
9. SAND AND CEMENT FINISH ON ALL EXPOSED FOUNDATION WALLS.
10. MASONRY EXPANSION JOINT. SEE STRUCTURAL DRAWINGS
11. PAINTED STEEL GUARDRAIL ASSEMBLY.
12. CONCRETE STAIR ASSEMBLY. SAND CEMENT FINISH ON ALL EXPOSED TO VIEW FACES.
13. ROOF ACCESS LADDER
14. OVERFLOW ROOF DRAIN LEADER
15. ELECTRICAL LIGHTING.
16. 1 1/2" STEEL GUARDRAILS, PAINT

BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

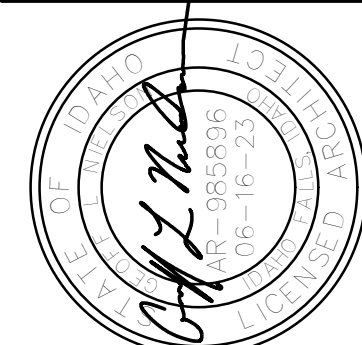
PROJECT:

REVISIONS

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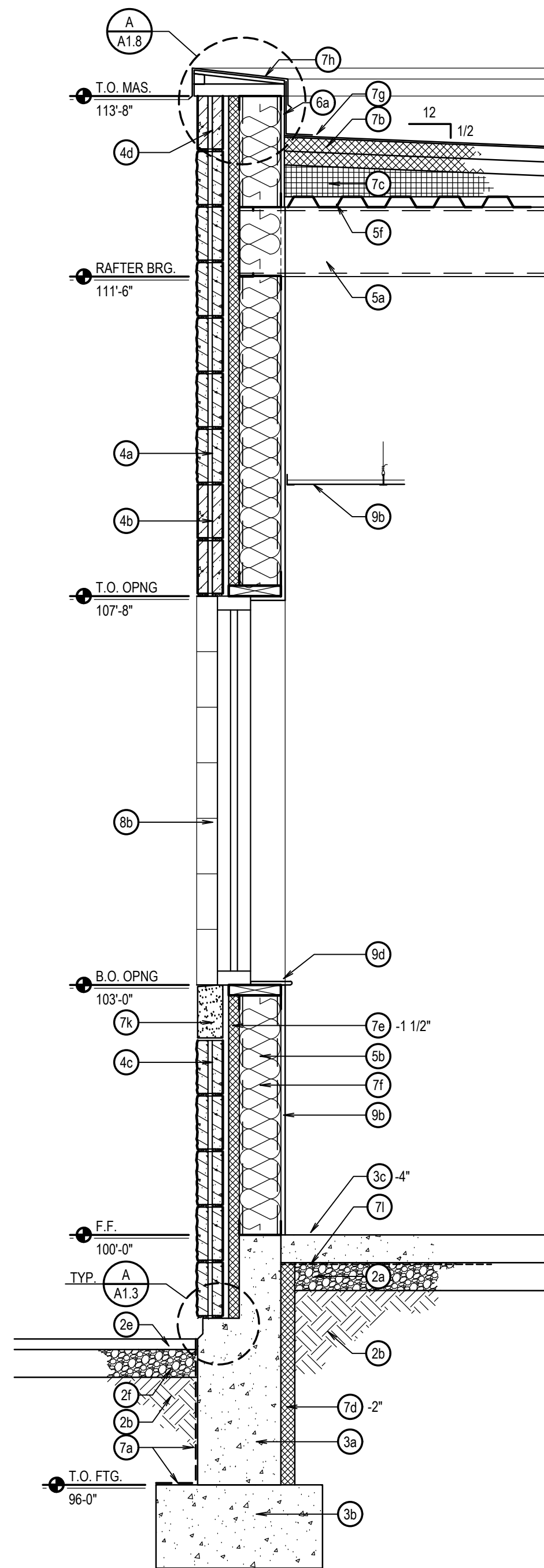
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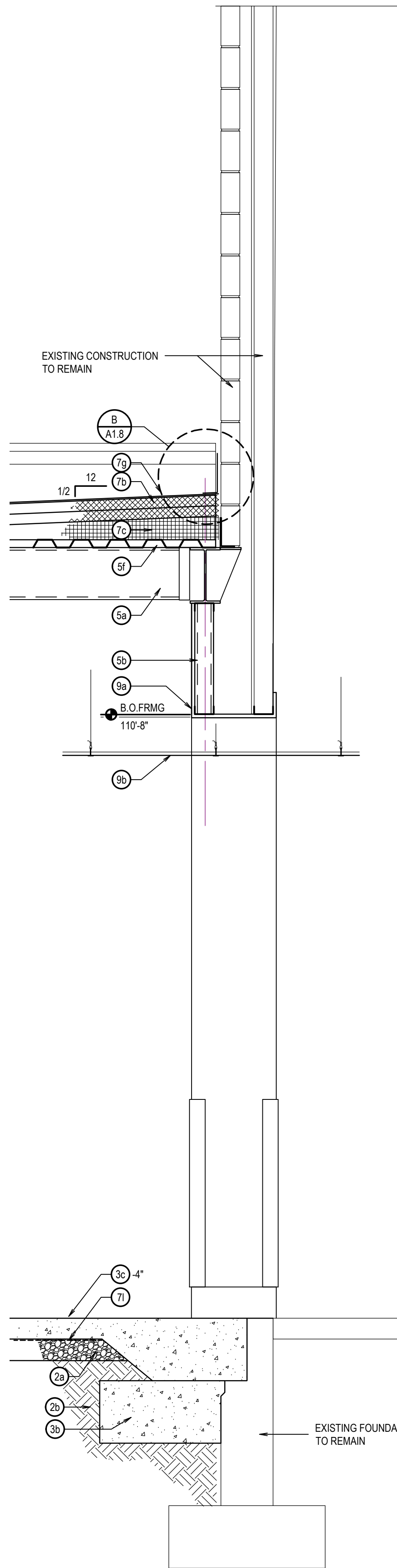
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BUILDING ELEVATIONS



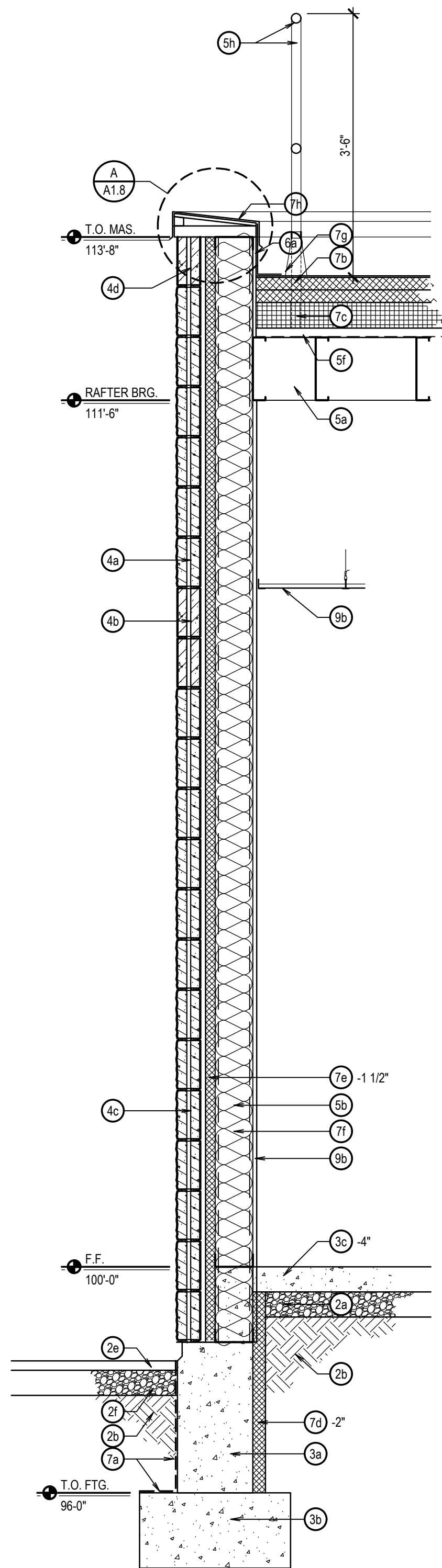
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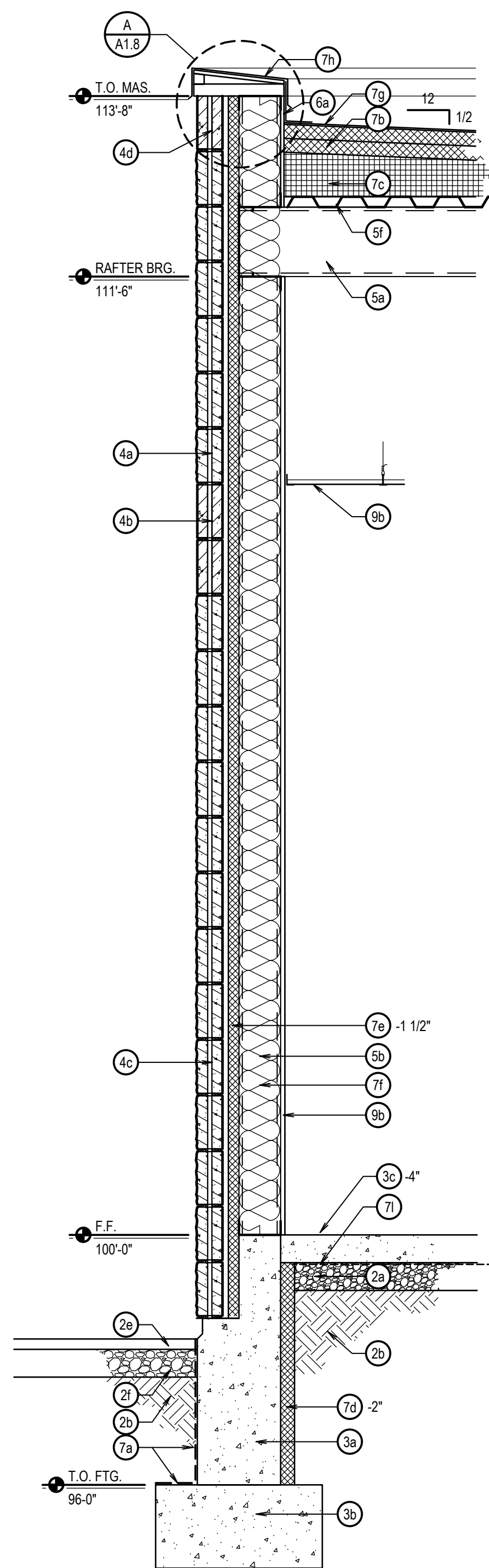
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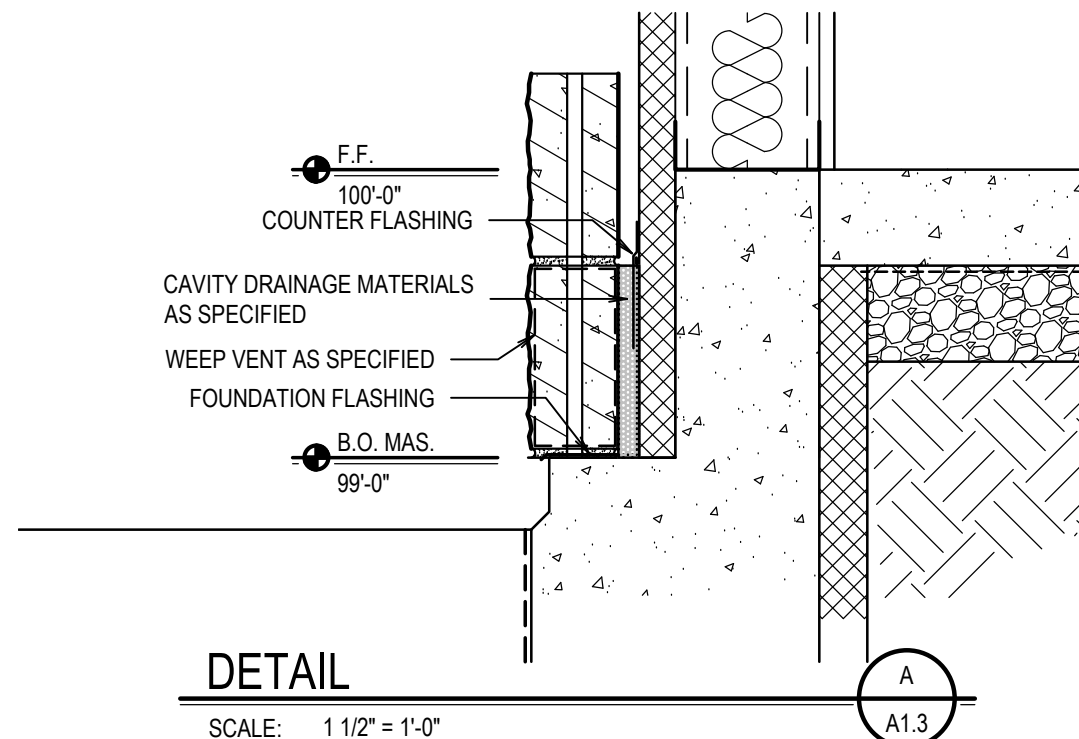
SECTION

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



SECTION

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



DETAIL

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

KEYNOTES

02 SITEWORK

- 2a COMPACTED DRAINAGE BASE COARSE 4" MINIMUM
- 2b COMPACTED STRUCTURAL FILL
- 2c COMPACTED BACK FILL
- 2d HOT MIX ASPHALT PATCH
- 2e COMPACTED BASE COARSE

03 CONCRETE

- 3a CONCRETE FOUNDATION - SEE STRUCTURAL
- 3b CONCRETE FOOTING - SEE STRUCTURAL
- 3c CONCRETE SLAB - SEE STRUCTURAL
- 3d CONCRETE WALKS w/ #4'S @ 24" o.c. EACH WAY
- 3e CONCRETE FROST WALL CONSTRUCTION w/ #4'S @ 24" o.c. EACHWAY

04 MASONRY

- 4a 4x8x16 CMU - MATCH, SPLIT FACE COLOR OLDCASTLE 76-CUSTOM RED
- 4b 4x8x16 CMU - MATCH, HONED FACE COLOR OLDCASTLE 2-CUSTOM BUFF
- 4c 4x8x16 CMU - MATCH, SPLIT FACE COLOR OLDCASTLE 2-CUSTOM BUFF
- 4d 4x8x16 CMU - MATCH, NATURAL SMOOTH FACE COLOR OLDCASTLE 76- CUSTOM RED

05 METALS

- 5a COLD FORMED METAL JOIST FRAMING
- 5b COLD FORMED METAL STUD FRAMING
- 5c STEEL BEAM - SEE STRUCTURAL
- 5d STEEL ANGLE - SEE STRUCTURAL
- 5e STEEL COLUMN - SEE STRUCTURAL
- 5f METAL DECKING - SEE STRUCTURAL
- 5g LT. GA. METAL BLOCKING
- 5h 1 1/2" Ø STEEL PIPE RAIL. PAINT.

07 THERMAL & MOISTURE PROTECTION

- 7a POLYMER MODIFIED ASPHALT FOUNDATION EMULSION
- 7b RIGID ROOF DECK INSULATION
- 7c TAPERED INSULATION CRICKETS
- 7d RIGID XPS FOUNDATION INSULATION
- 7e RIGID POLY-ISO WALL INSULATION
- 7f FIBERGLASS BATT INSULATION
- 7g SINGLE-PLY ROOF MEMBRANE
- 7h PRE-FINISHED METAL CAP FLASHING
- 7i PRE-FINISHED METAL SOFFIT PANELS
- 7j CAST STONE MASONRY
- 7k VAPOR BARRIER

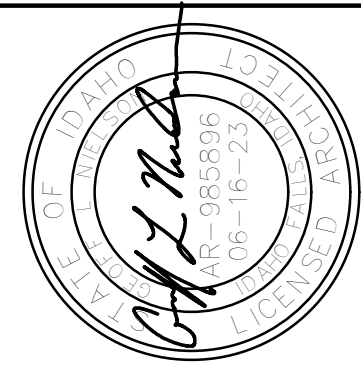
08 DOORS & WINDOWS

- 8a HOLLOW METAL DOOR & FRAME
- 8b ALUMINUM WINDOW ASSEMBLY
- 8c

09 FINISHES

- 9a 5/8" GYPSUM BOARD
- 9b ACOUSTICAL LAY-IN CEILING SYSTEM
- 9c METAL STUD FRAMING AT 16" o.c.
- 9d SOLID SURFACE WINDOW SILL

NOTE:
SOME MATERIALS LISTED MAY NOT BE CALLED OUT ON DRAWING.



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

PROJECT:

REVISIONS

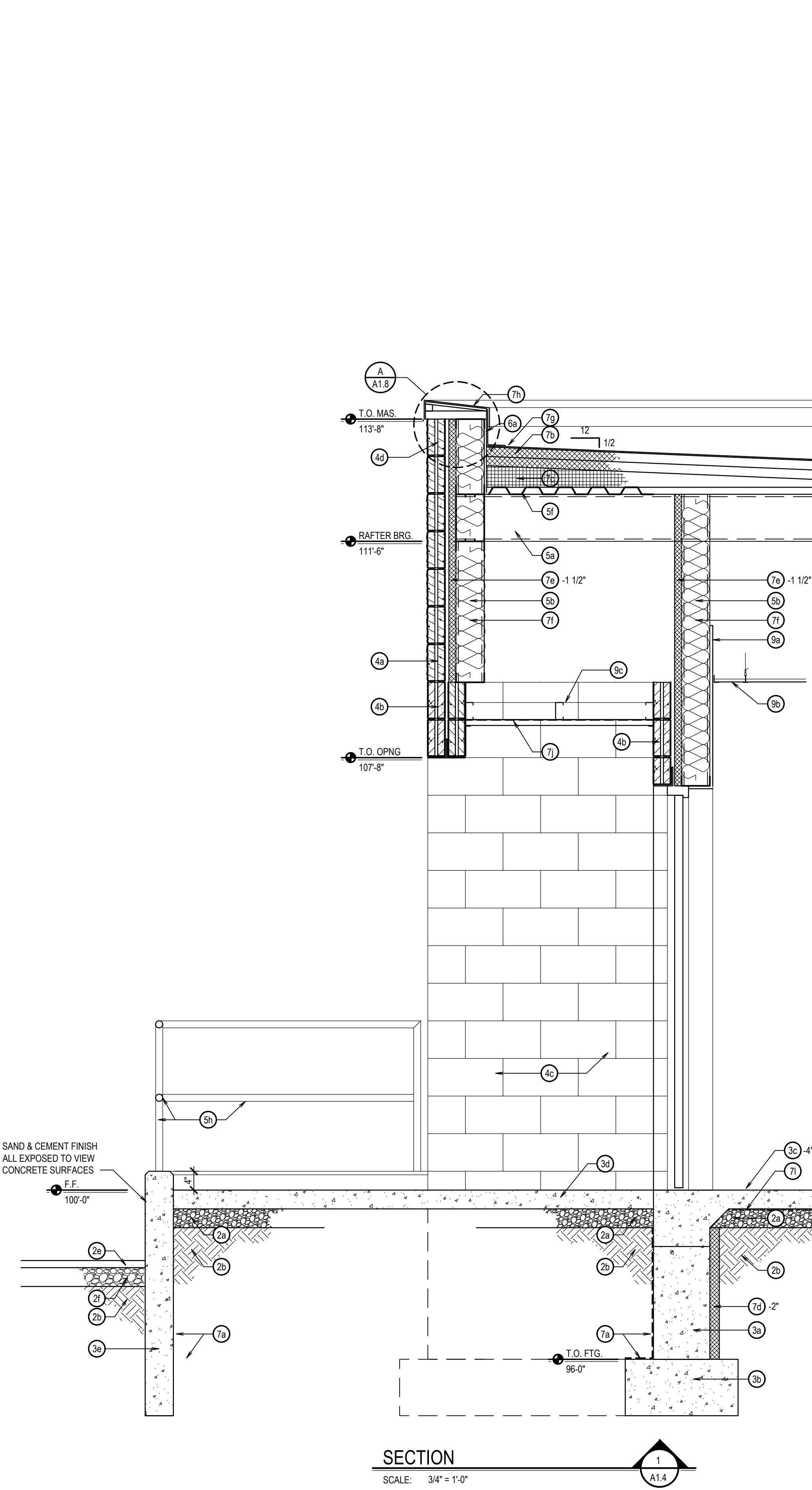
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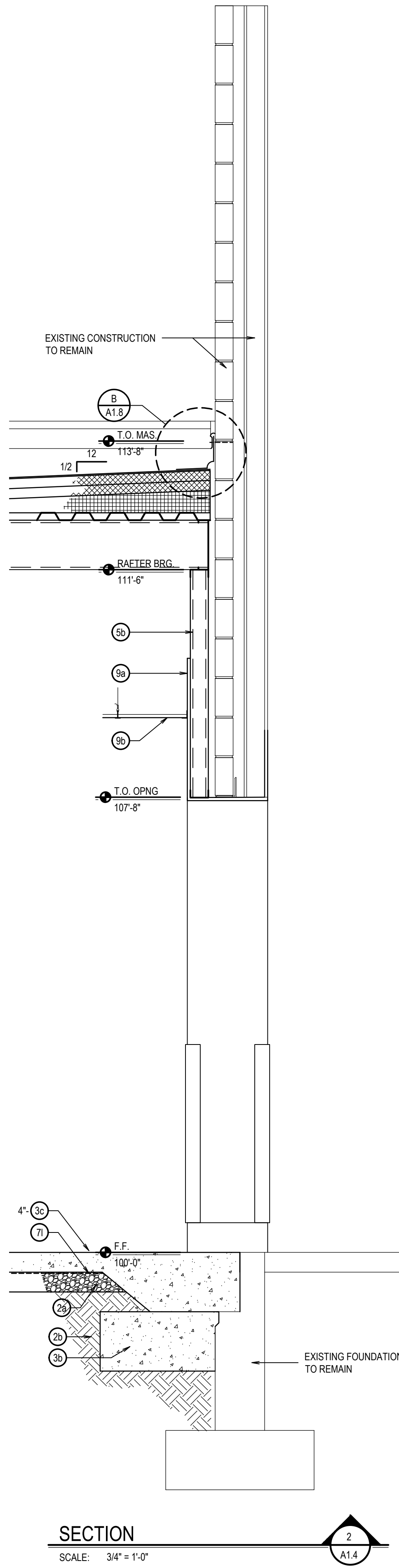
WALL SECTIONS

SHEET TITLE



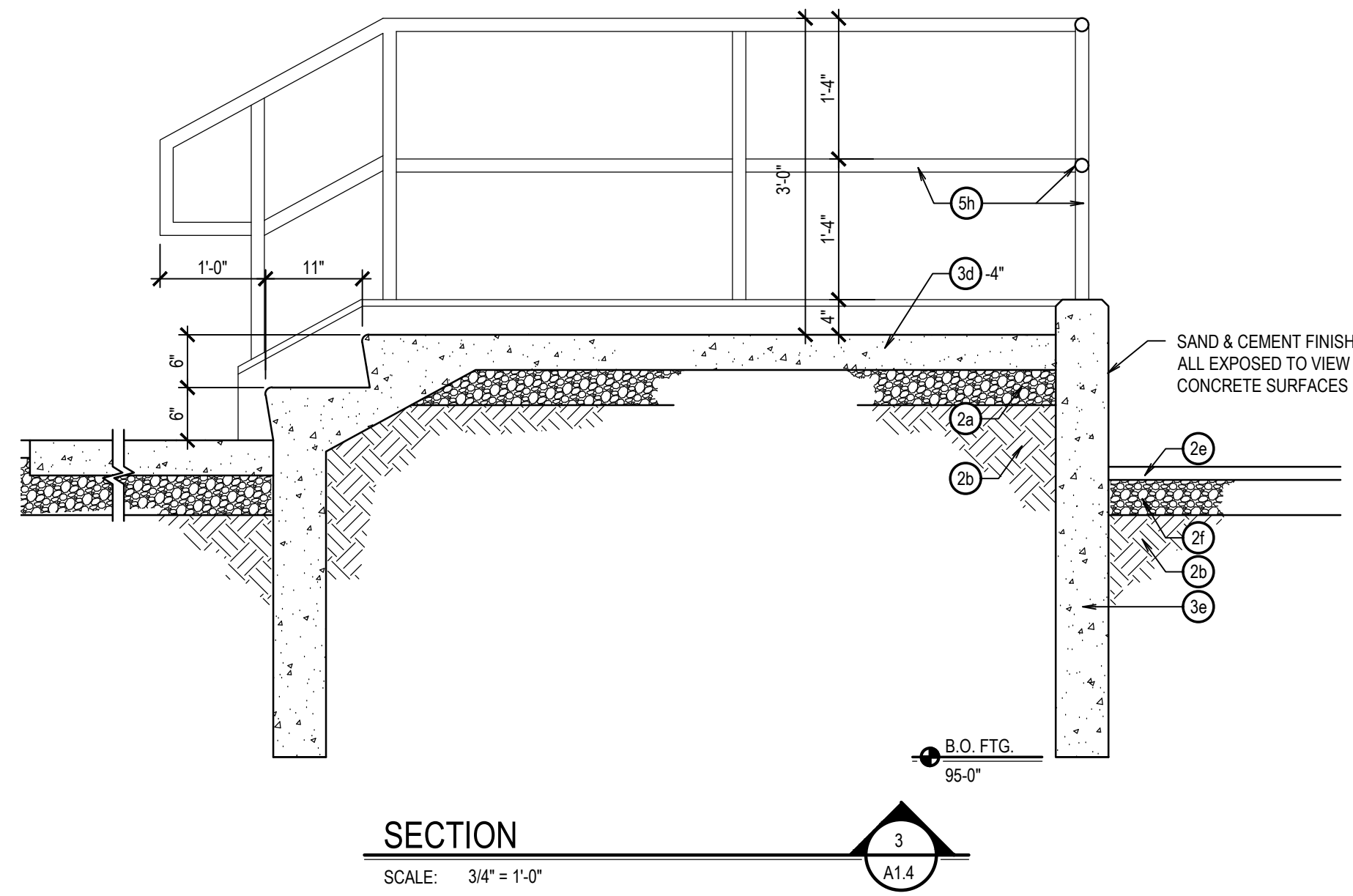
SECTION

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



SECTION

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



SECTION

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

KEYNOTES

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08 DOORS & WINDOWS

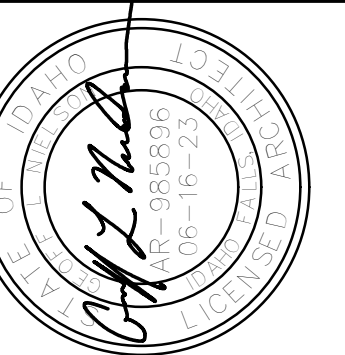
- 8a HOLLOW METAL DOOR & FRAME
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- 8c

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- 9a 5/8" GYPSUM BOARD
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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
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RIGBY, IDAHO

WALL SECTIONS

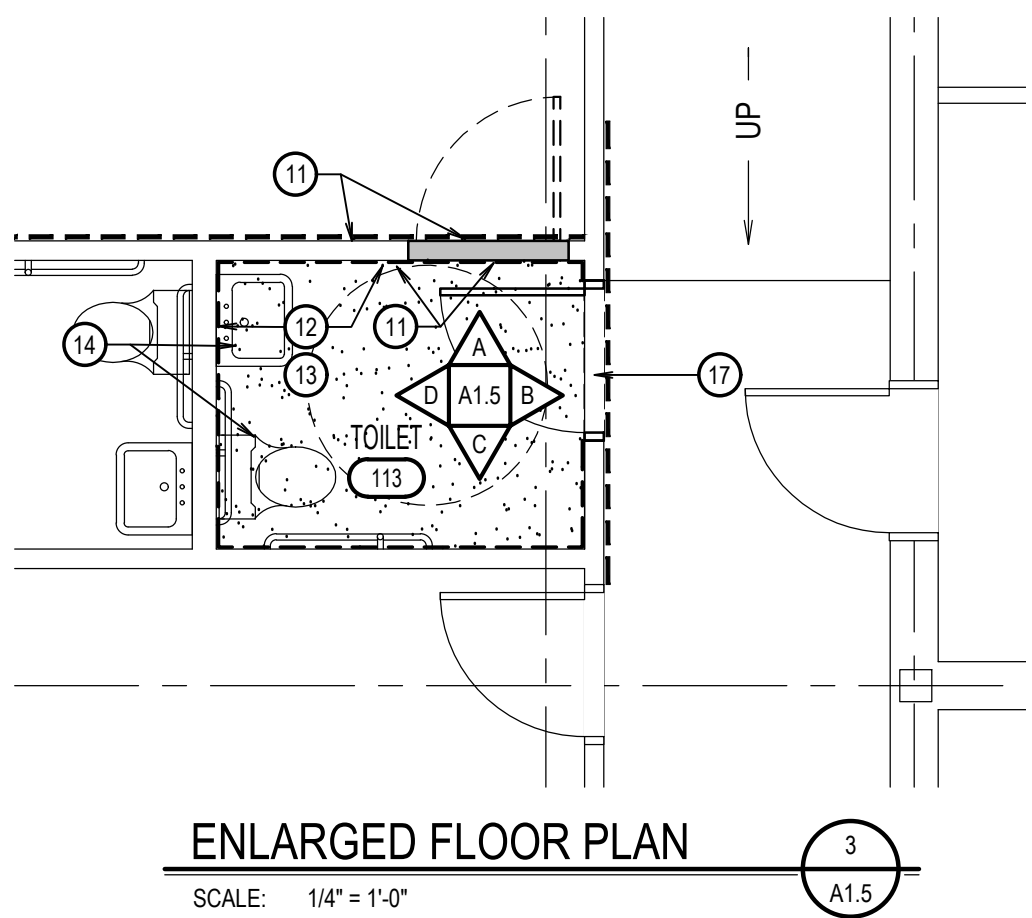
PROJECT:

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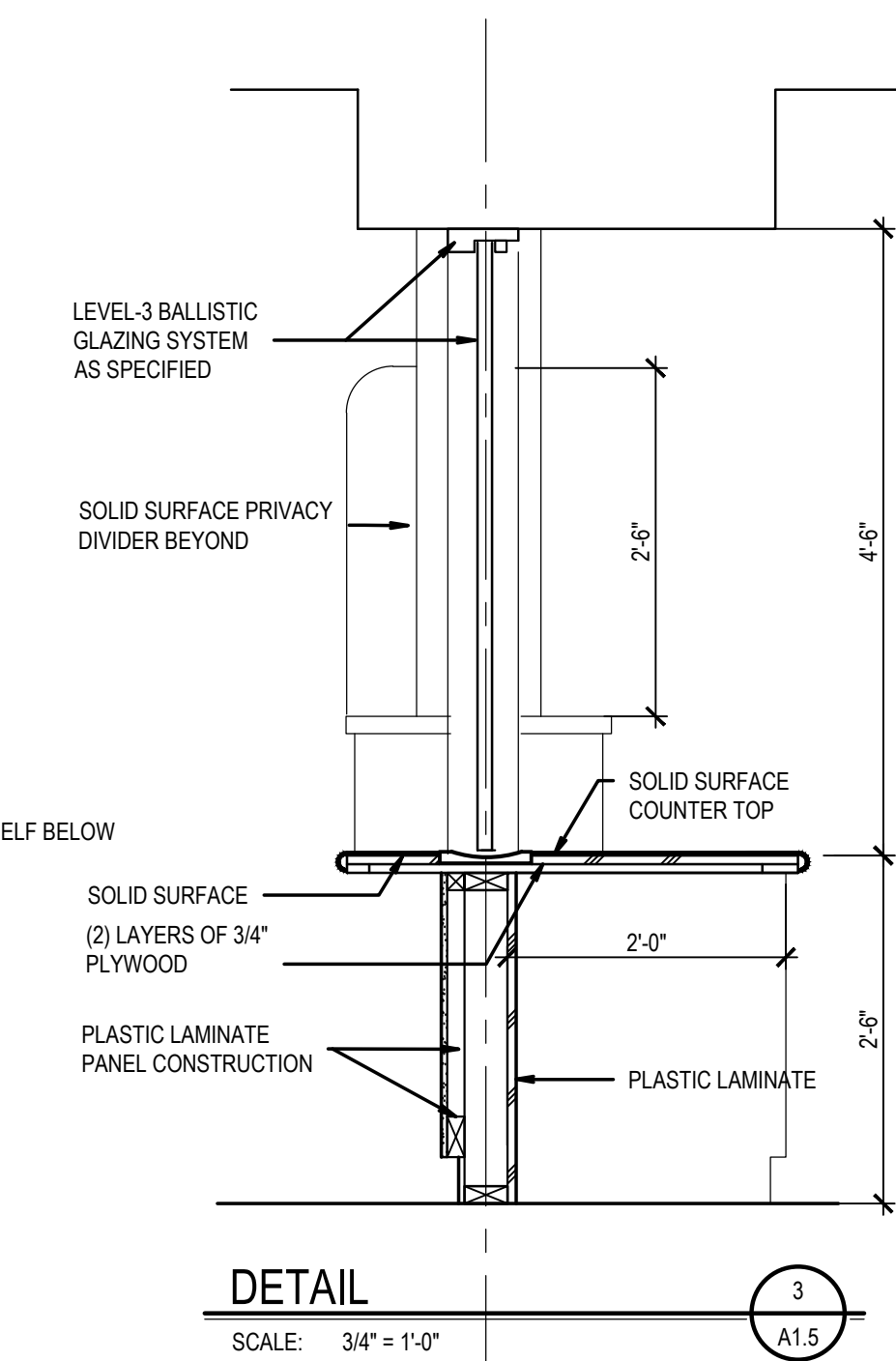
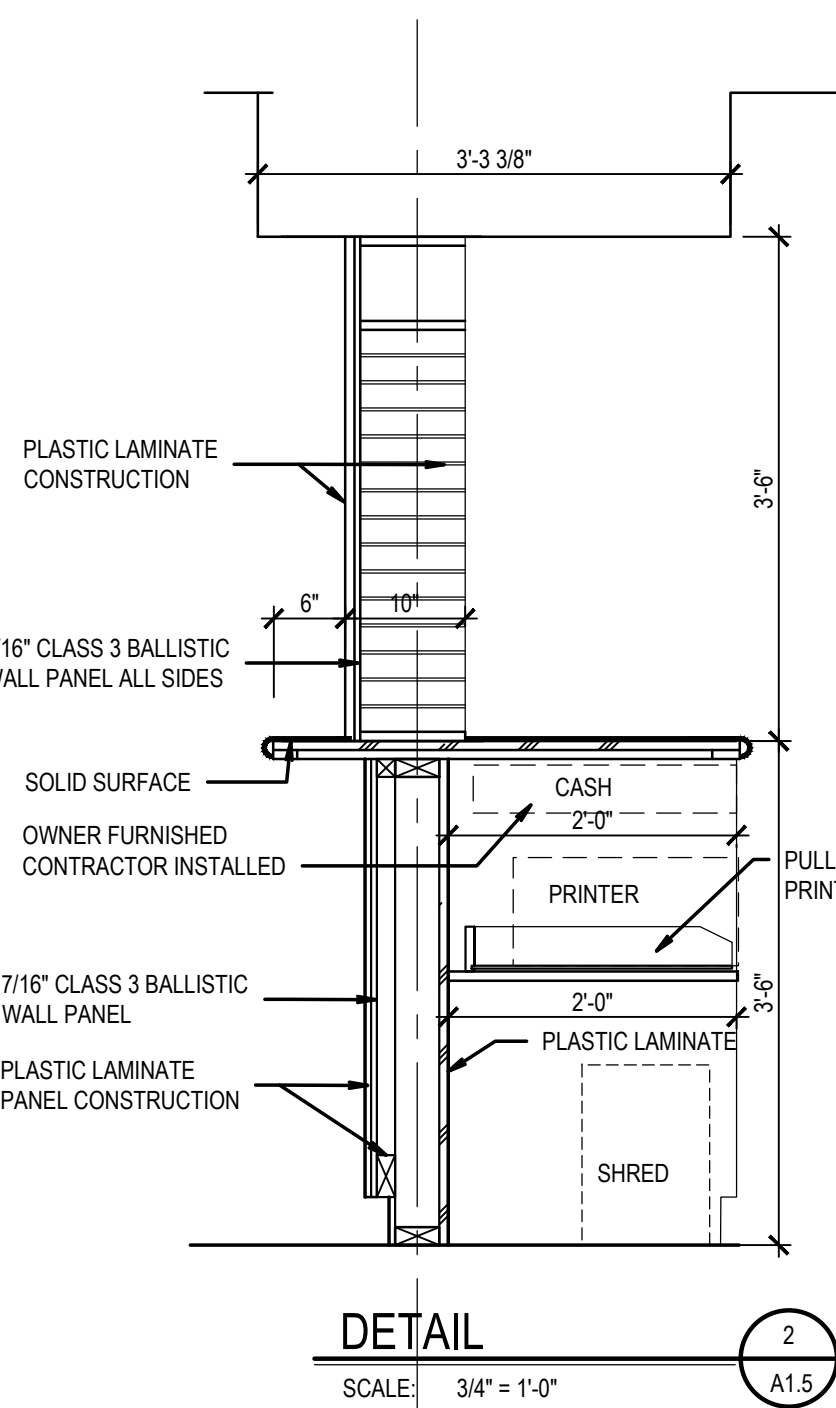
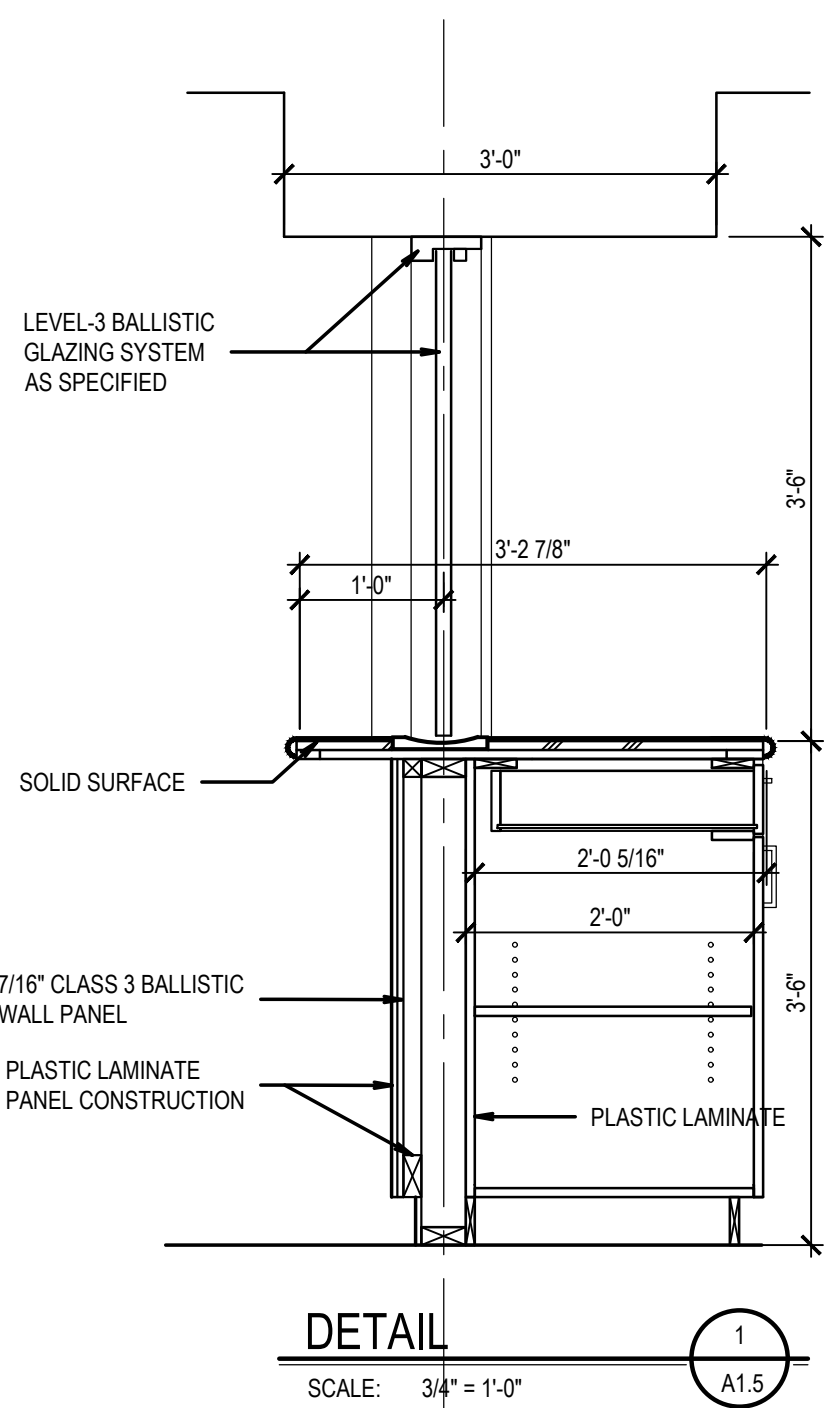
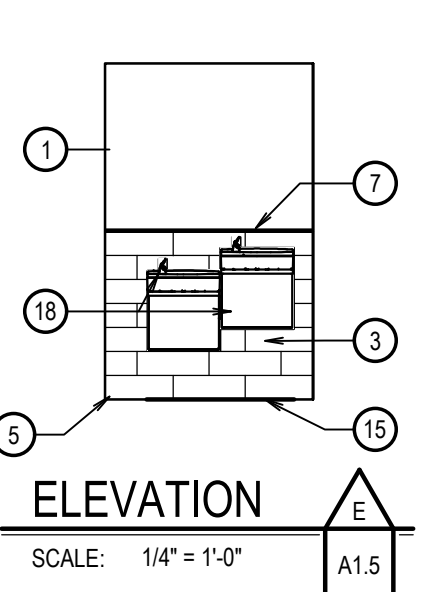
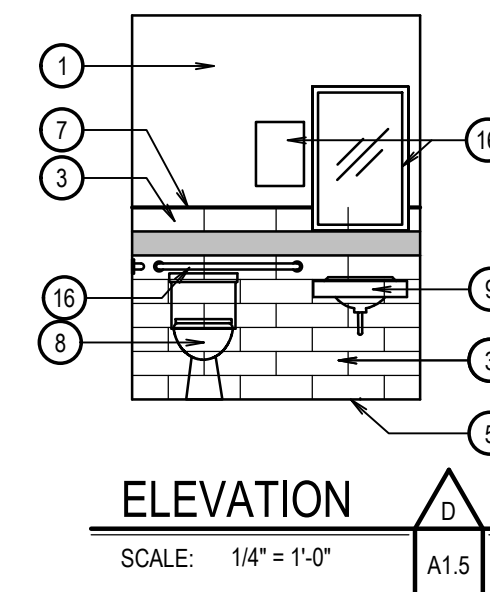
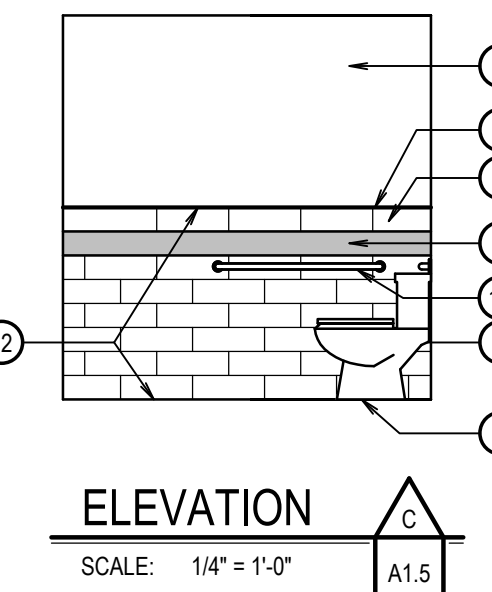
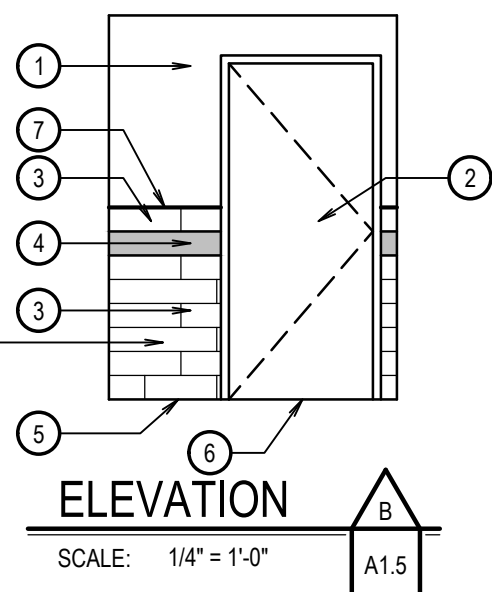
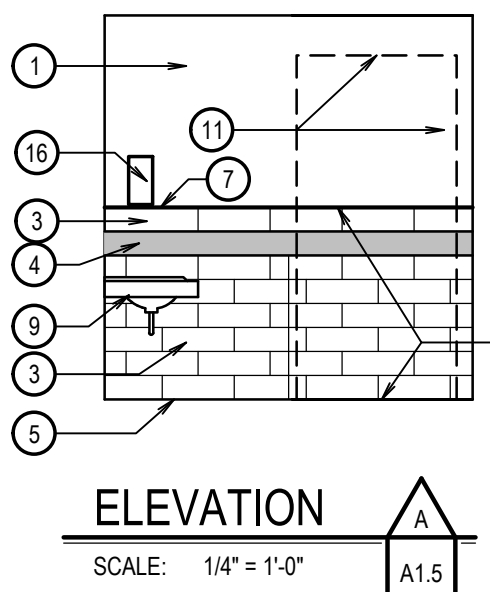
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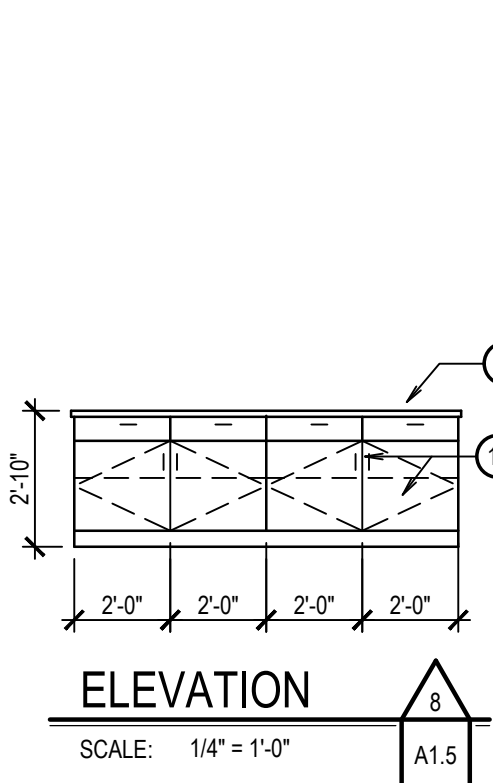
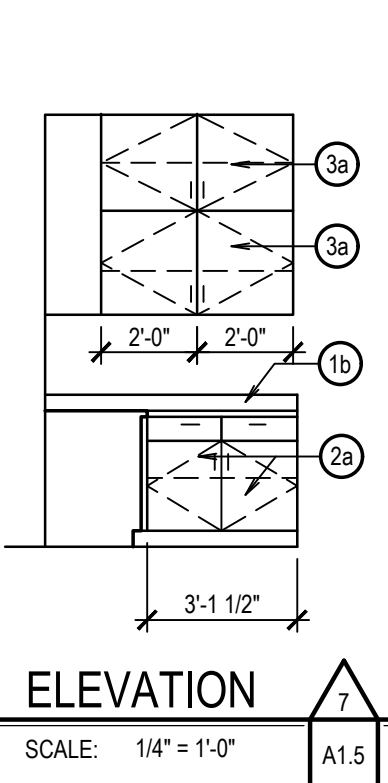
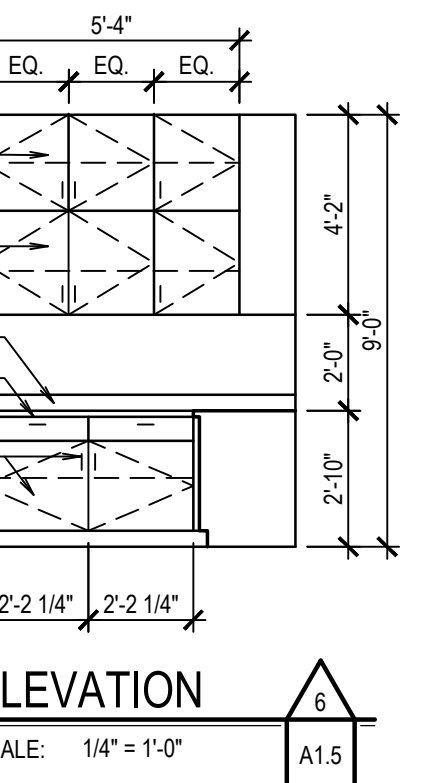
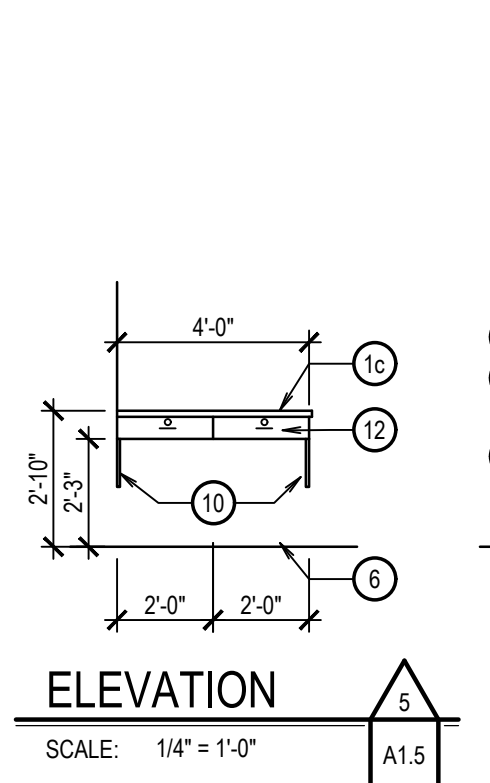
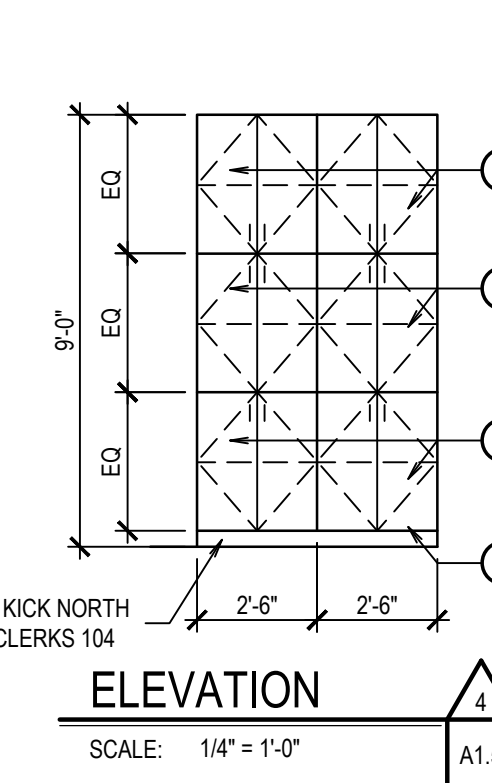
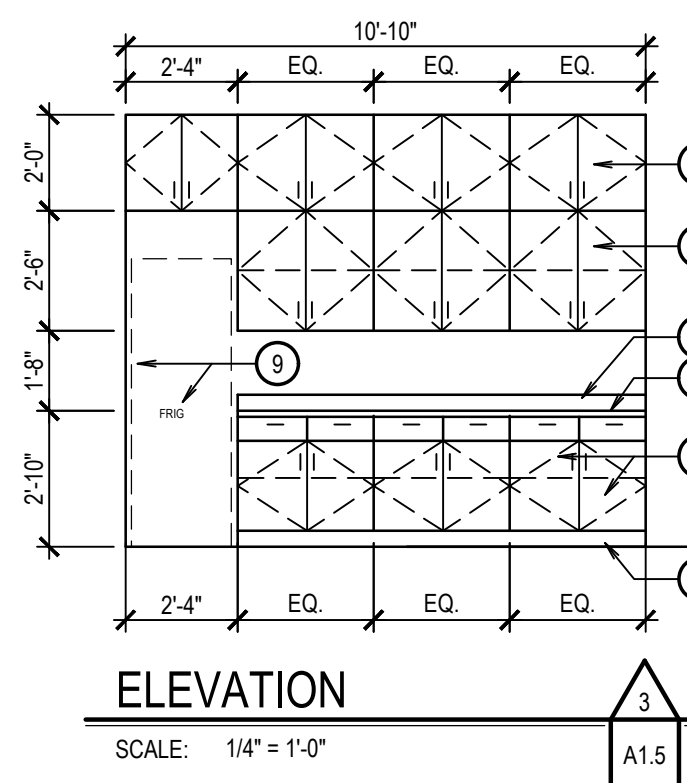
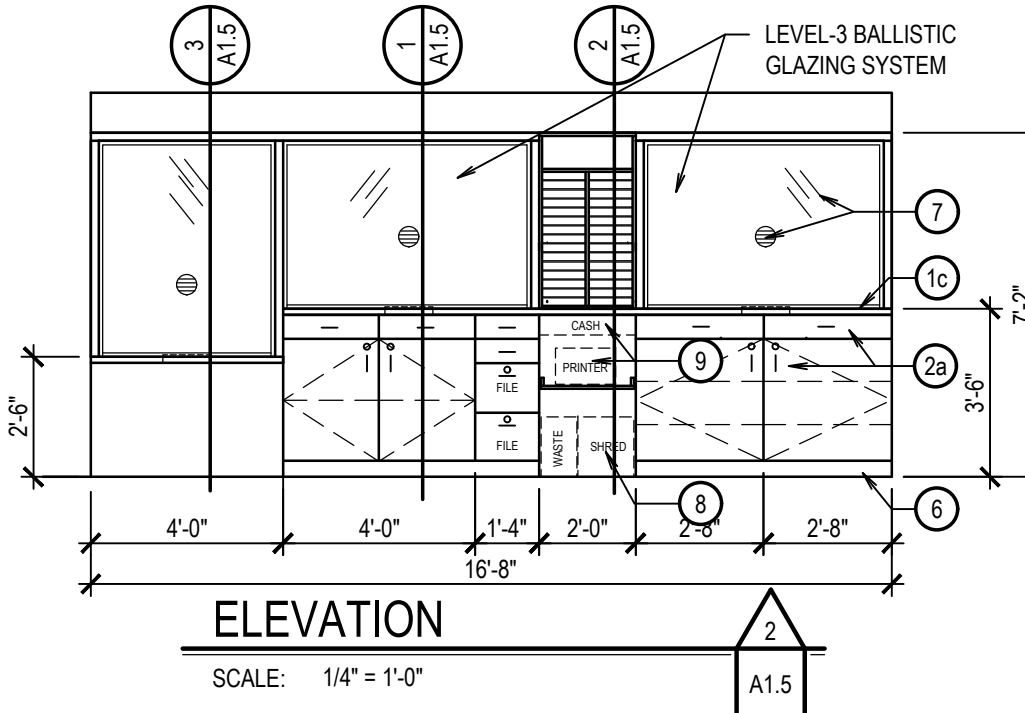
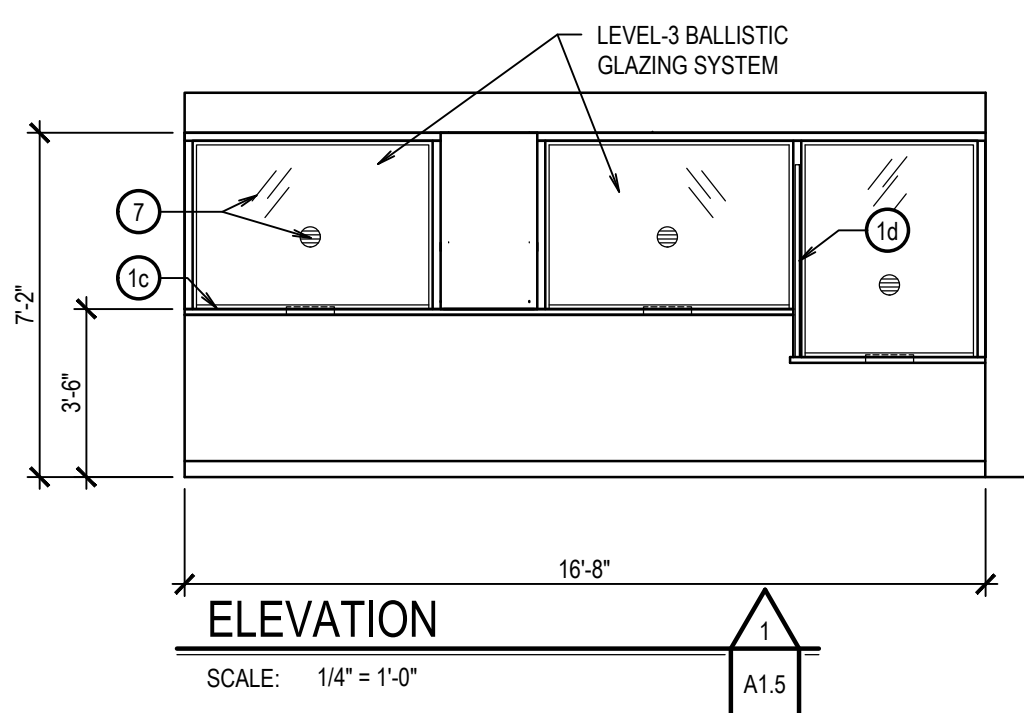
TOILET ROOM KEYNOTES

- 1 PAINTED WALL SURFACE OVER GYPSUM BOARD. SEE FINISH SCHEDULE
- 2 DOOR & FRAME ASSEMBLY. SEE DOOR SCHEDULE
- 3 DALTILE ARTICULO, SEMI-GLOSS 6 x 18 (FIELD)
- 4 DALTILE KEYSTONES ARTICULO, 1x3 (ACCENT)
- 5 SCHLUTER DILEX - AHK BASE
- 6 SCHLUTER RENO - U, DOOR OPENING TRANSITION
- 7 SCHLUTER SCHIENE CAP
- 8 REINSTALL EXISTING WATER CLOSET SEE PLUMBING
- 9 REINSTALL EXISTING LAVATORY SEE PLUMBING
- 10 REINSTALL EXISTING MIRROR
- 11 INFILL DOOR OPENING TO MATCH ADJACENT WALL CONSTRUCTION. TEXTURE AND PAINT ADJACENT WALL PLANE.
- 12 APPLY 5/8" TILE BACKER BOARD BEHIND TILE WAJNSCOT LOCATIONS.
- 13 RAISE EXISTING FLOOR 6" WITH CONCRETE FILL MATERIALS.
- 14 RE-INSTALL EXISTING FIXTURE WHERE INDICATED. SEE MECHANICAL SHEETS.
- 15 DALTILE VOLUME 1.0 12x12
- 16 RE-INSTALL ALL EXISTING TOILET ROOM ACCESSORIES
- 17 STONE THRESHOLD
- 18 RE-LOCATED DRINKING FOUNTAIN.



MILLWORK KEYNOTES

- 15 PLASTIC LAMINATE COUNTER TOP
- 16 4" PLASTIC LAMINATE BACK SPLASH
- 17 SOLID SURFACE COUNTER TOP
- 18 3/4" SOLID SURFACE PRIVACY DIVIDER
- 24a 24"d. BASE CABINET WITH (1)-6" DRAWER & (1) 3/4" ENCLOSED ADJUSTABLE SHELF
- 24b 24"d. BASE CABINET WITH (1)-6" DRAWER & (2) 3/4" OPEN ADJUSTABLE SHELF
- 34a 14"d. UPPER CABINET
- 34b 14"d. UPPER CABINET WITH (2) 3/4" ENCLOSED ADJUSTABLE SHELF
- 4 12"d. OPEN PAPER SLOTS WITH (3) 1/4" ADJUSTABLE SHELVES
- 5 24"d. STORAGE CABINET WITH (1) 3/4" ADJUSTABLE SHELF
- 6 WALL BASE AS SCHEDULED FOR ADJACENT WALLS
- 7 COUNTER GLAZING SYSTEM SEE SHEET A1.6 FOR DETAILS
- 8 PLASTIC LAMINATE PANEL CONSTRUCTION
- 9 EQUIPMENT BY OWNER
- 10 3/4" SUPPORT BRACKETS AS INDICATED.
- 11 18"d. BASE CABINET WITH (1)-6" DRAWER & (1) 3/4" ENCLOSED ADJUSTABLE SHELF
- 12 24"d. DRAWER



JEFFERSON COUNTY COURTS ADDITION

BUILDING ADDITION & REMODEL

RIGBY, IDAHO

INTERIOR ELEVATIONS

PROJECT:

REVISIONS

PROJECT NO.:

23003

DATE:

JUNE 2023

DRAWN BY:

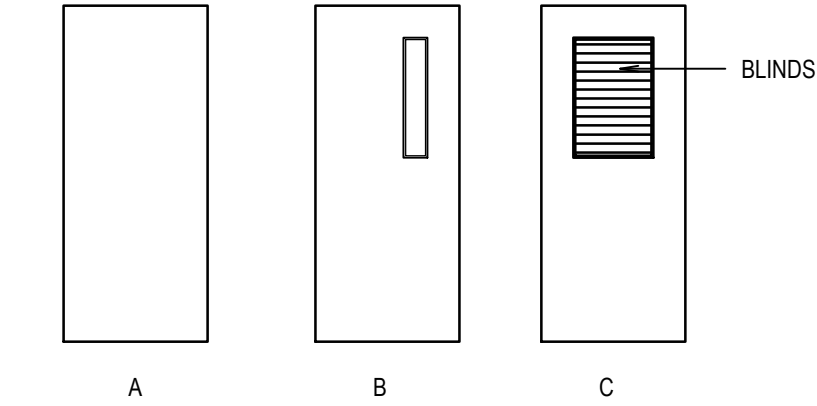
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GLN

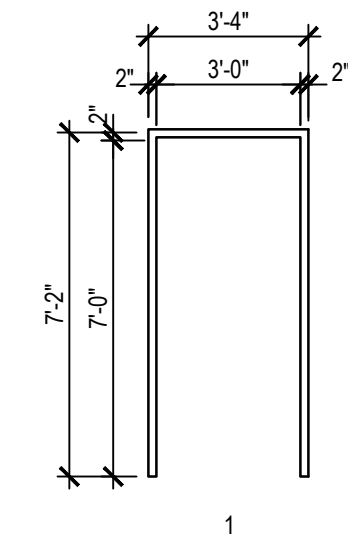
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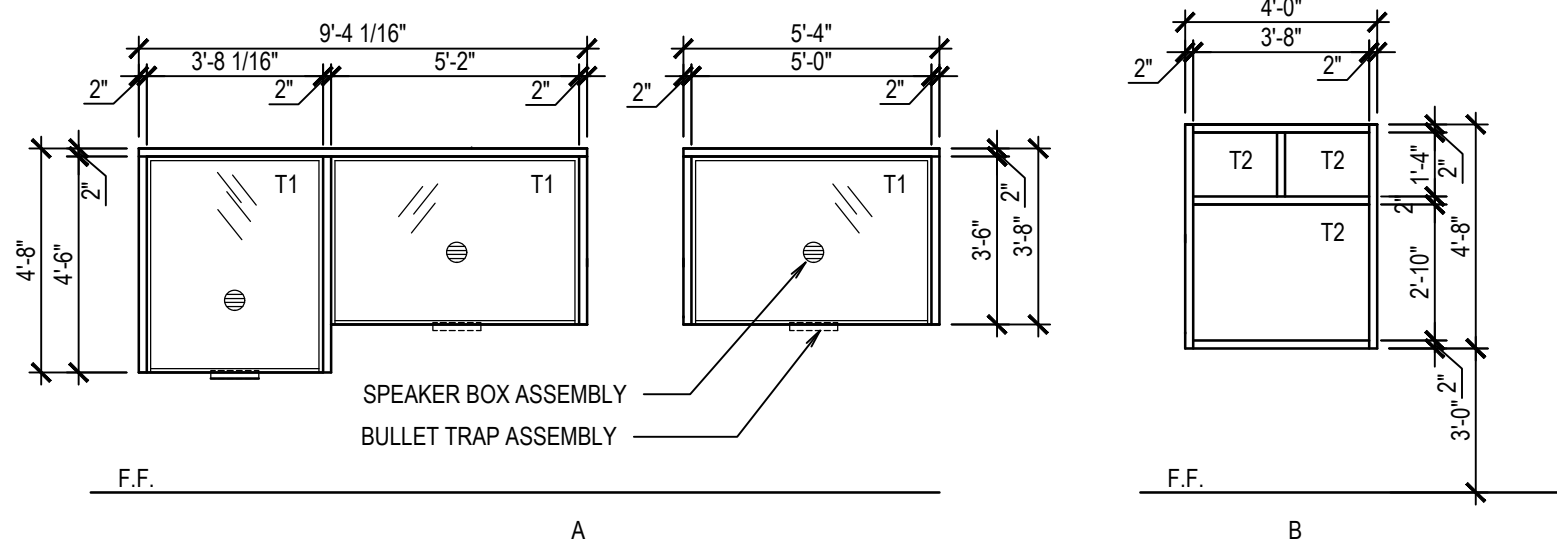
DOOR TYPES

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



DOOR FRAME TYPES

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



WINDOW TYPES

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

DOOR SCHEDULE

DOOR NUMBER	LOCATION		SIZE	SINGLE OR PAIR	DOOR TYPE	FRAME TYPE	MATERIALS		DETAILS		HAND	FIRE RATING	REMARKS
	FROM	TO					DOOR	FRAME	HEAD	JAMB			
BASEMENT LEVEL													
105	OFFICE	CLERK	3'-0"x 7'-0"x 1 3/4"	S	C	1	WD	H.M.	A/A1.6	B/A1.6			PROVIDE BLIND AT HALF LITE
106	JUDGE	HALL	3'-0"x 7'-0"x 1 3/4"	S	A	1	WD	H.M.	A/A1.6	B/A1.6			
107	VISIT JUDGE	HALL	3'-0"x 7'-0"x 1 3/4"	S	A	1	WD	H.M.	A/A1.6	B/A1.6			
108	HALL	EXISTING	3'-0"x 7'-0"x 1 3/4"	S	B	1	HM	H.M.					
109	HALL	EXTERIOR	3'-0"x 7'-0"x 1 3/4"	S	A	1	WD	H.M.	C/A1.6 SIM	D/A1.6 SIM			ACCESS CONTROLLED
110	JUDGE	HALL	3'-0"x 7'-0"x 1 3/4"	S	A	1	WD	H.M.	A/A1.6-SIM	B/A1.6-SIM			
113	TOILET	HALL	3'-0"x 7'-0"x 1 3/4"	S	A	1	WD	H.M.	A/A1.6	B/A1.6			

NOTES:

1.

WINDOW SCHEDULE

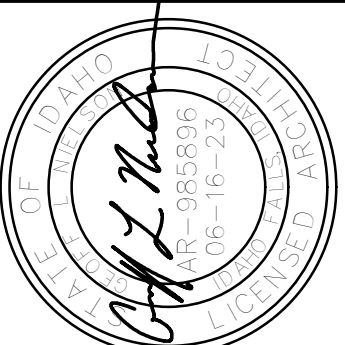
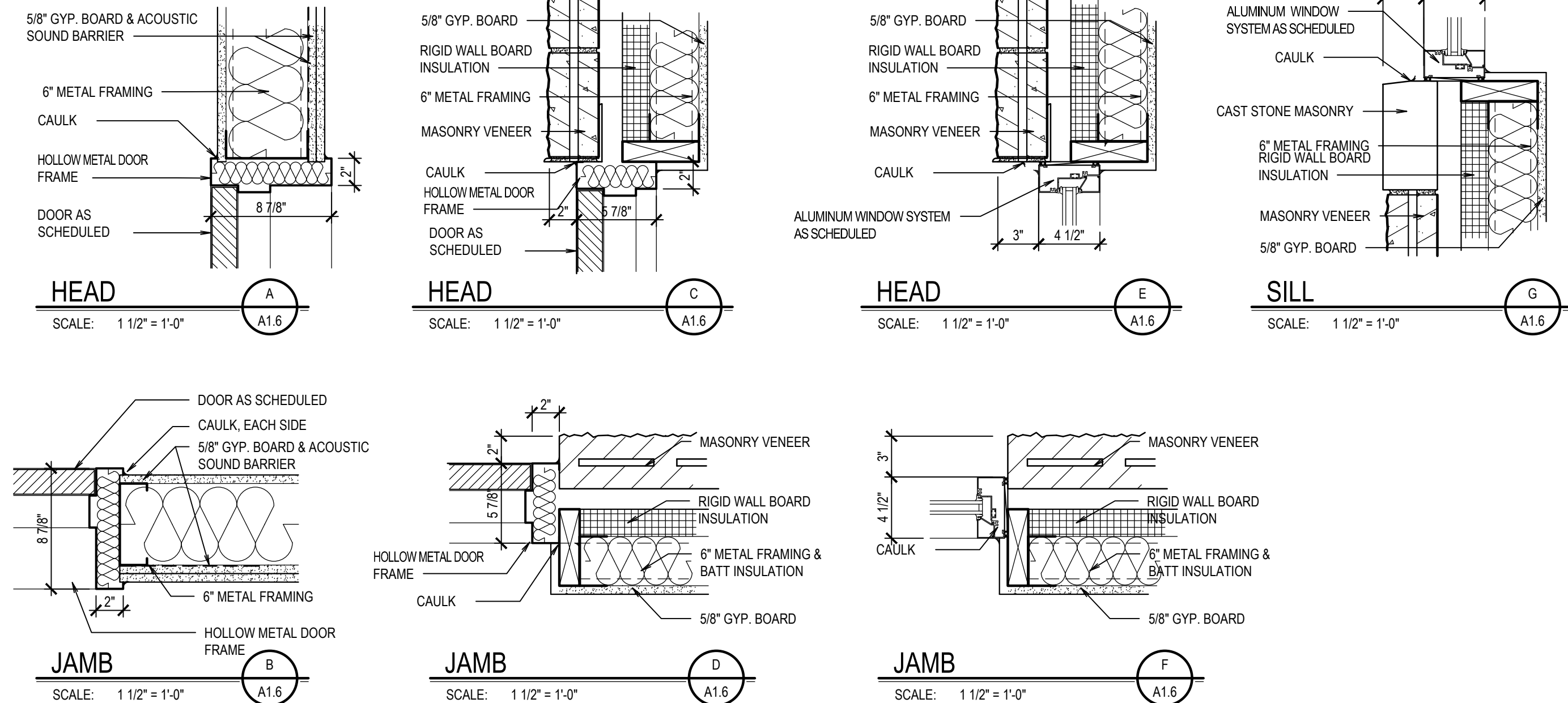
WINDOW MARK	SIZE	MATERIAL	TYPE	DETAILS			GLAZING	REMARKS
				HEAD	JAMB	SILL		
MAIN LEVEL								
102	3'-6" x 16'-8"	HM.	A	1/A1.5 3/A1.5	1/A1.5 3/A1.5	1/A1.5 3/A1.5	T1	①
104A	4'-0" x 4'-8"	ALUM	B	E/A1.6	F/A1.6	G/A1.6	T1	②
104B	4'-0" x 4'-8"	ALUM	B	E/A1.6	F/A1.6	G/A1.6	T1	②
104C	4'-0" x 4'-8"	ALUM	B	E/A1.6	F/A1.6	G/A1.6	T1	②
105	4'-0" x 4'-8"	ALUM	B	E/A1.6	F/A1.6	G/A1.6	T1	②
110	4'-0" x 4'-8"	ALUM	B	E/A1.6	F/A1.6	G/A1.6	T1	②

GLAZING NOTES:

T1 - LEVEL 3 BALLISTIC GLASS
T2 - 1" INSULATING GLASS

KEYED NOTES:

- 1 PROVIDE SPEAKER BOX ASSEMBLY WHERE INDICATED ON WINDOW ELEVATIONS
2 WINDOW BLINDS AS SPECIFIED



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

PROJECT:

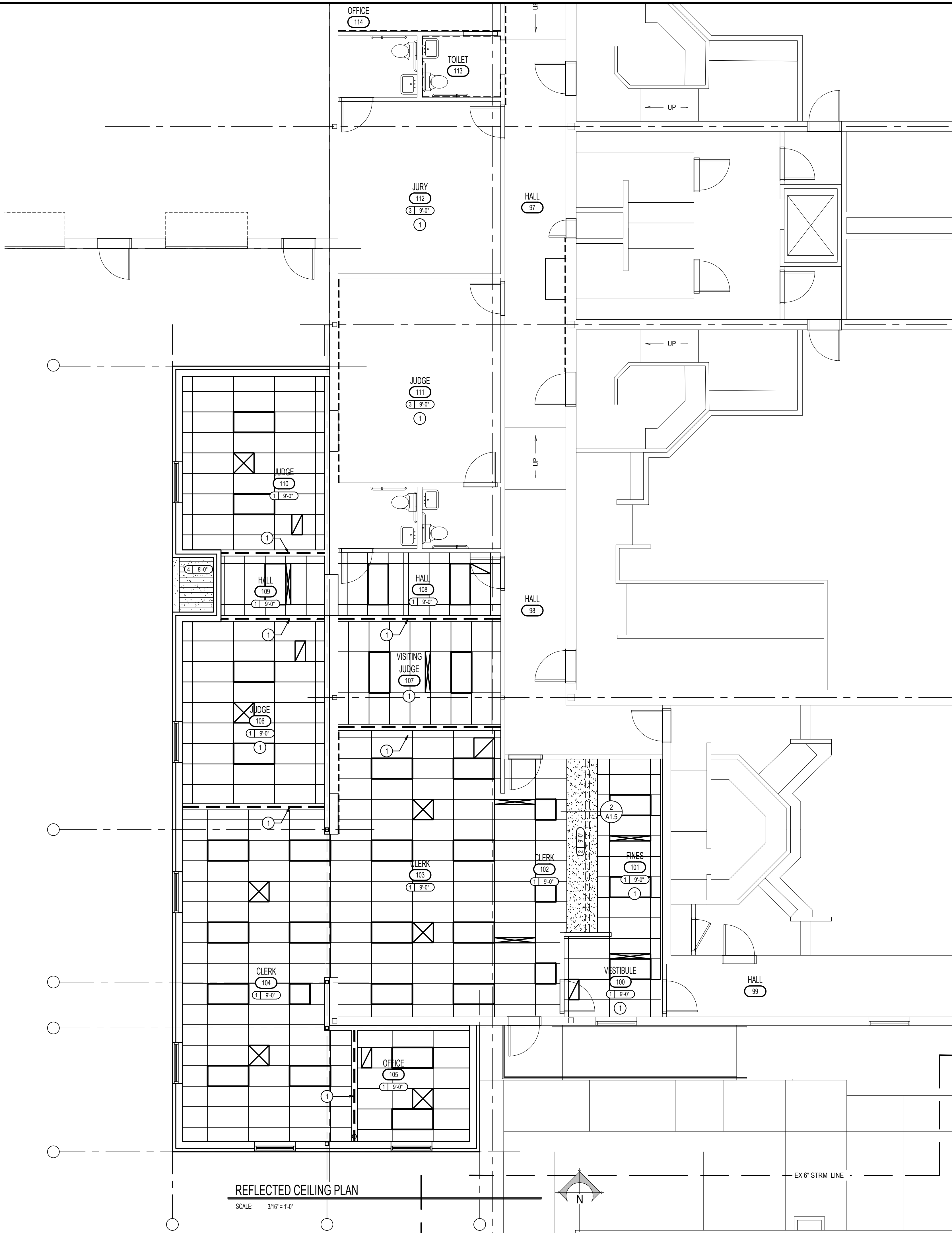
REVISIONS

PROJECT NO.: 23003
DATE: JUNE 2023
DRAWN BY: CGK
CHECKED BY: GLN

DRAWING NO.:

DOOR & WINDOW SCHEDULE

A1.6



GENERAL NOTES

- ALL WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
- CONTRACTOR TO COORDINATE ALL DIMENSIONS OF WORK TO BE REMOVED AGAINST WORK PLANNED TO BE INSTALLED.
- REMOVE ALL DEBRIS FROM SITE AND DISPOSE OF AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION

RCP KEYNOTES

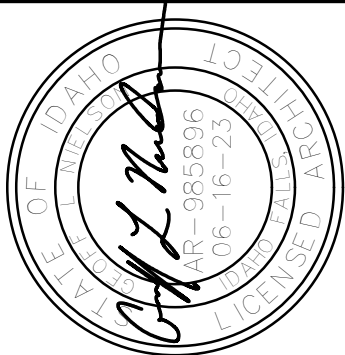
- DASHED LINE INDICATED WALL SYSTEMS THAT EXTEND TO BOTTOM OF ROOF DECK ABOVE.

REFLECTED CEILING LEGEND

	LIGHT FIXTURES		RETURN FAN
			EXHAUST FAN
			SUPPLY DIFFUSER
			CEILING ACCESS PANEL
			CEILING TYPE
			CEILING HEIGHT

CEILING TYPES

- | | | |
|---|---|---|
| 1 | - | 2'-0\" x 4'-0\" LAY-IN CEILING PANELS AND SUSPENSION GRID SYSTEM. |
| 2 | - | GYPSUM BOARD AND METAL FRAME STUD SUPPORT SYSTEM. SEE DETAILS. |
| 3 | - | EXISTING LAY-IN ACOUSTICAL CEILING SYSTEM |
| 4 | - | METAL SOFFIT PANEL & METAL STUD SUPPORT SYSTEM |



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PROJECT: BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
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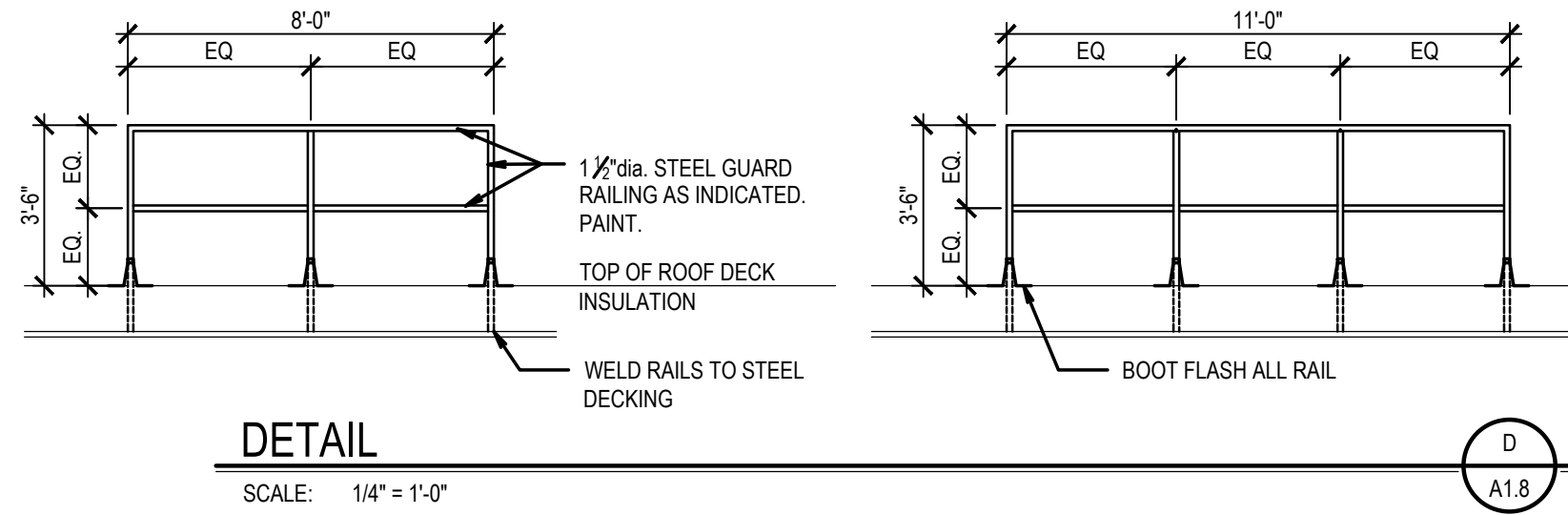
SHEET TITLE: REFLECTED CEILING PLAN

REVISIONS

PROJECT NO.: 23003
DATE: JUNE 2023
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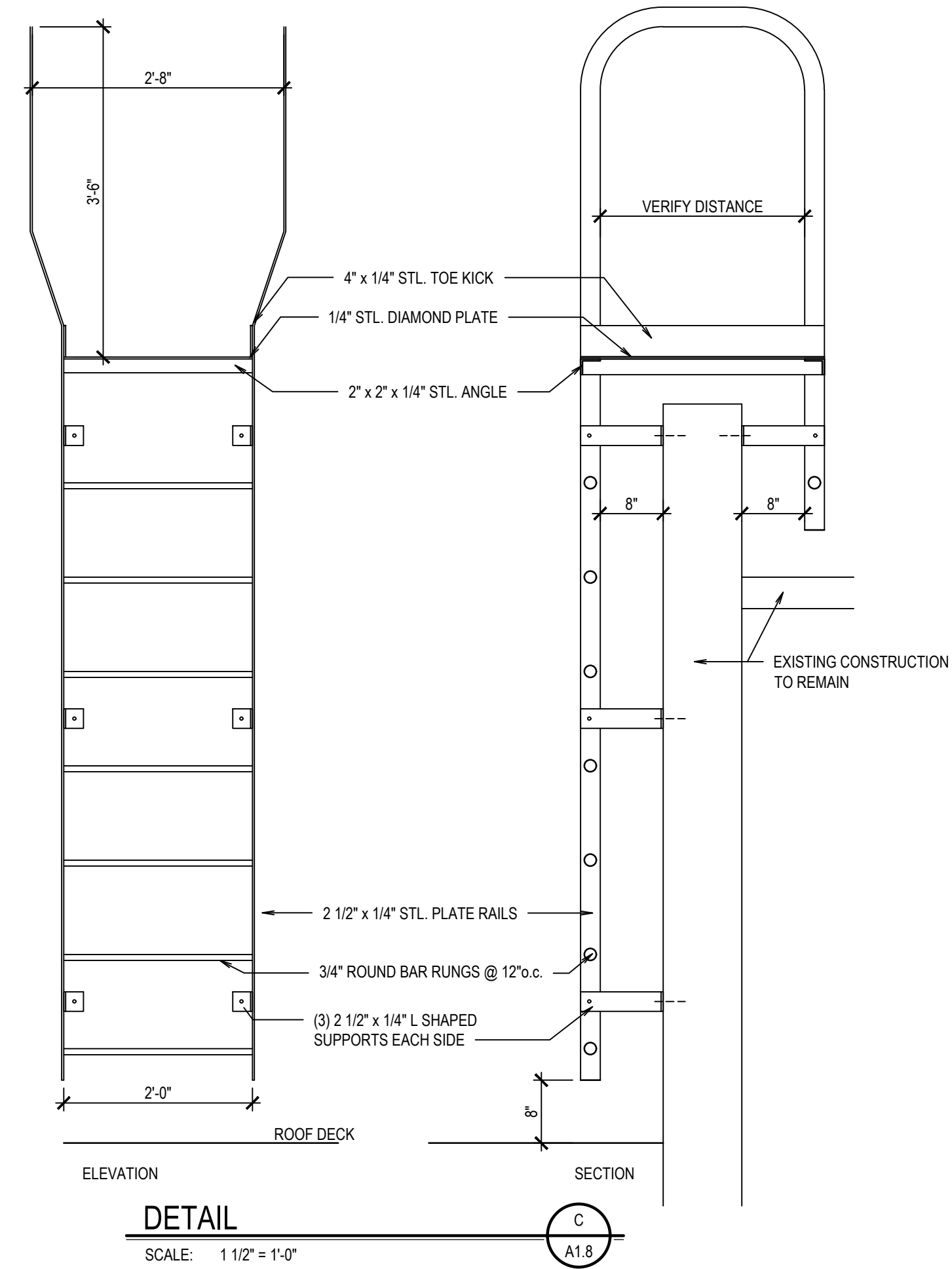
DRAWING NO.:

A1.7



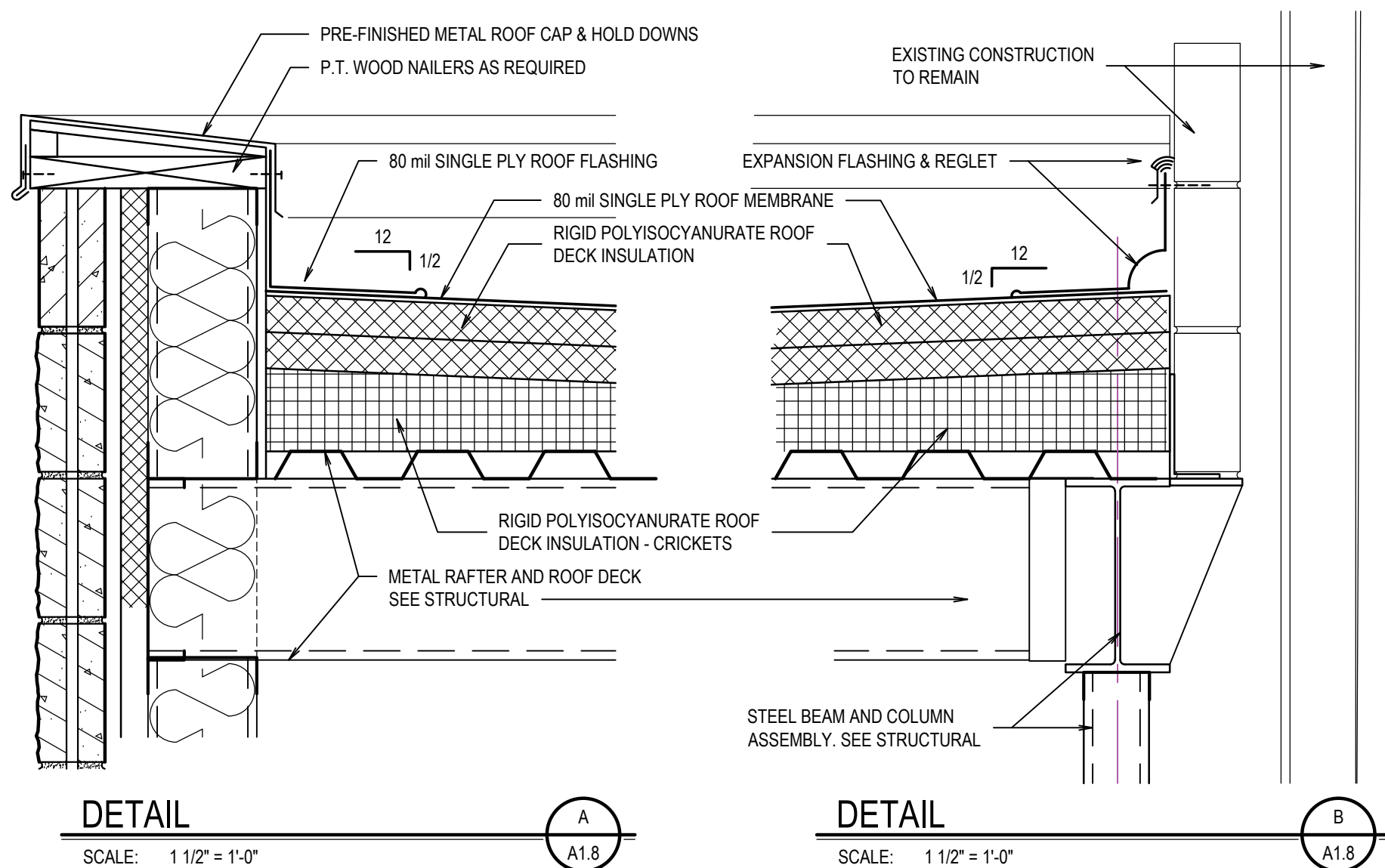
DETAIL

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



DETAIL

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

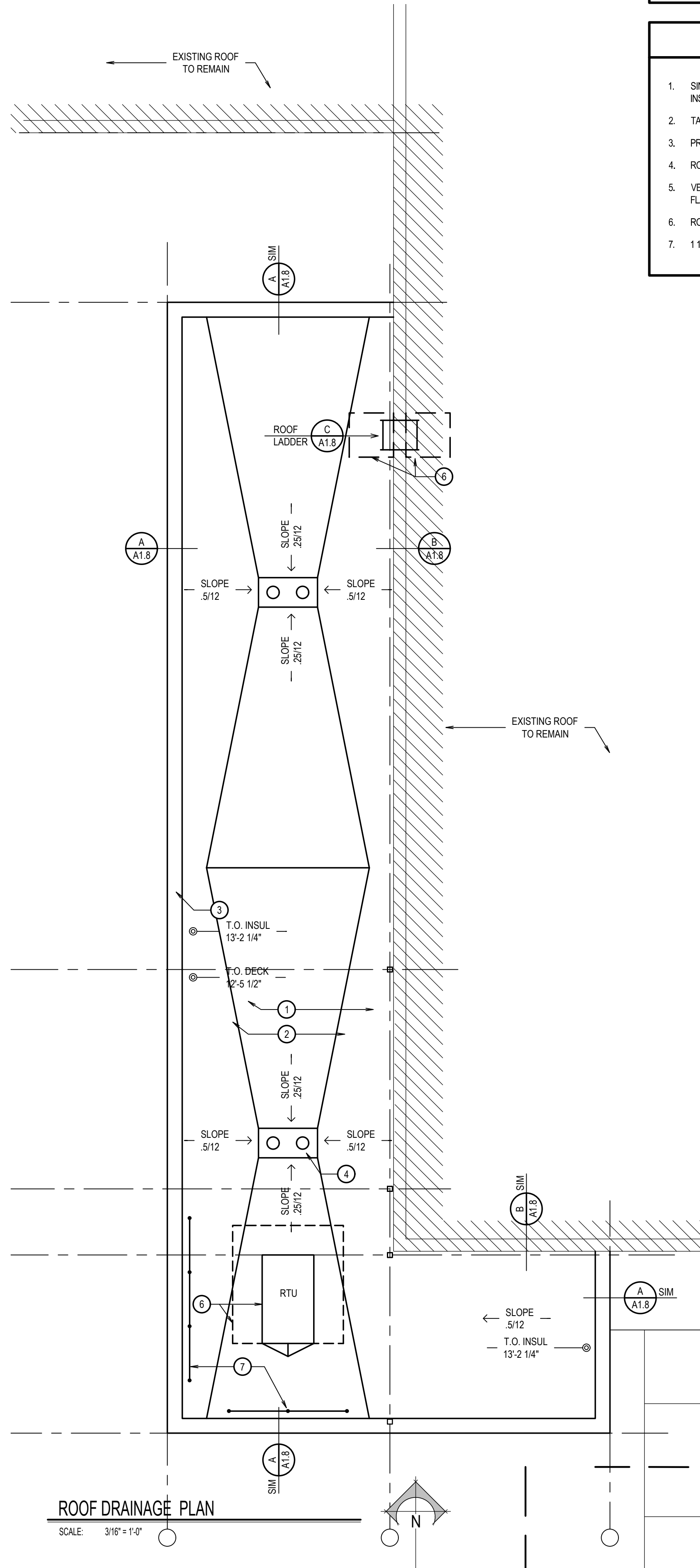


DETAIL

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

DETAIL

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



ROOF DRAINAGE PLAN

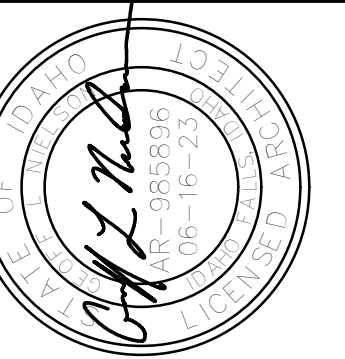
SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. ALL WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
2. CONTRACTOR TO COORDINATE ALL DIMENSIONS OF WORK TO BE REMOVED AGAINST WORK PLANNED TO BE INSTALLED.
3. REMOVE ALL DEBRIS FROM SITE AND DISPOSE OF AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION

ROOF PLAN KEYNOTES

1. SINGLE-PLY ROOF MEMBRANE OVER RIGID POLYISOCYANURATE ROOF DECK INSULATION OVER METAL DECK.
2. TAPERED RIGID POLYISOCYANURATE INSULATION ROOF CRICKET.
3. PRE-FINISHED METAL CAP FLASHING.
4. ROOF DRAIN SUMP ASSEMBLY.
5. VENT THROUGH ROOF. FLASH WITH MANUFACTURE RECOMMENDED BOOT FLASHING ASSEMBLY.
6. ROOF WALK-WAY MEMBRANE.
7. 1 1/2" dia. GUARDRAIL ASSEMBLY. SEE DETAIL DIA1.8



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

ROOF DRAINAGE PLAN

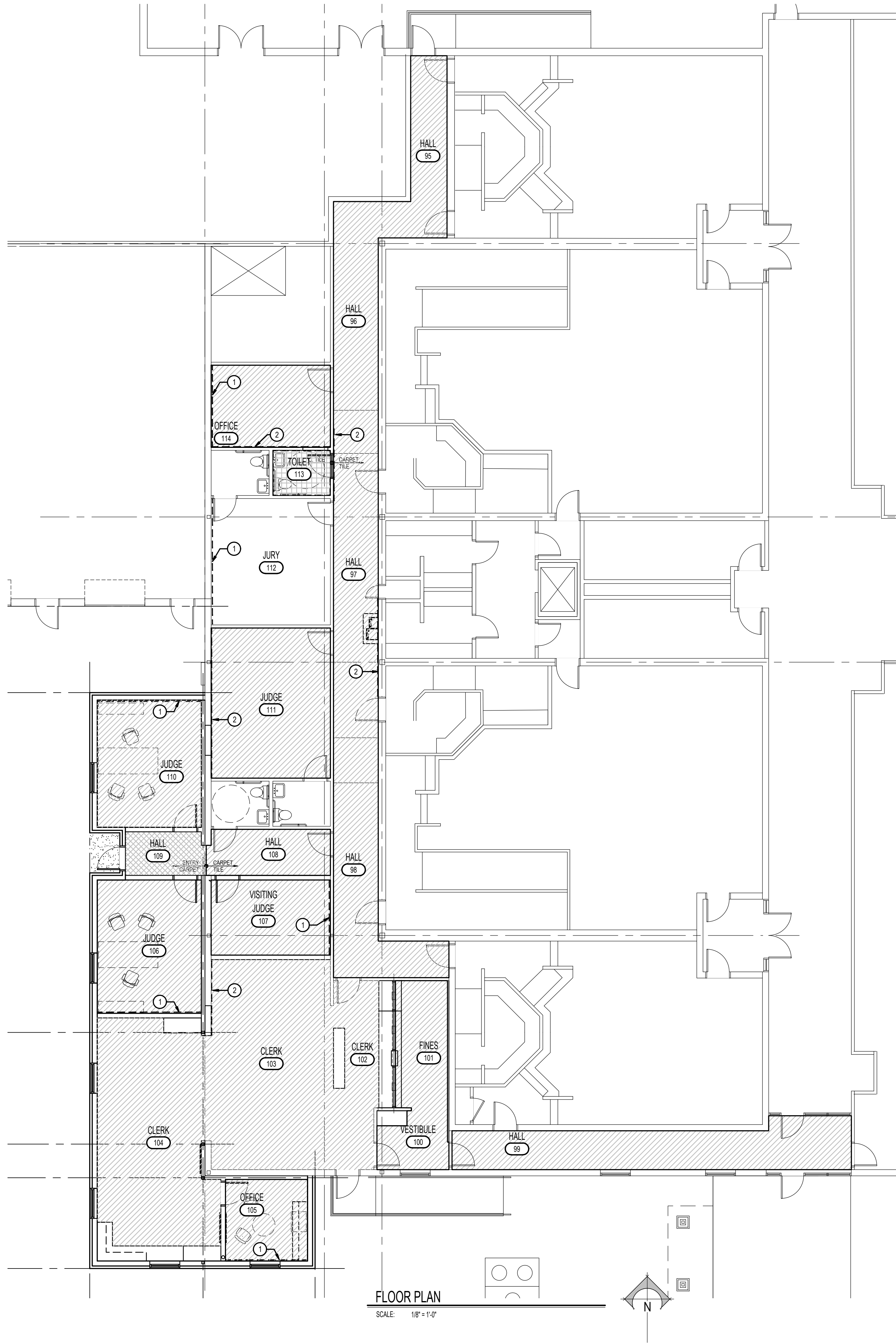
PROJECT:

REVISIONS

PROJECT NO.: 23003
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A1.8

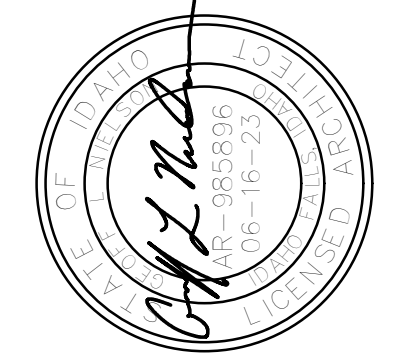


ROOM FINISH SCHEDULE											
AREA		FLOOR	BASE	WALLS				CEILING	CLG. HT.		
NO.	NAME			NORTH	EAST	SOUTH	WEST				
		ENTRY CARPET TILE									
		CARPET TILE									
		CERAMIC TILES - 12 x 12									
		SEALED CONCRETE									
		4" COVER RUBBER									
		SKYLIGHT AS SPECIFIED									
		SEE DESIGNATED NOTE									
		TEXTURED/PAINTED GYP BOARD									
		WALL TILES - 6x18 and 6x12 (ACCENT)									
		SEE DESIGNATED NOTE									
		TEXTURED/PAINTED GYP BOARD									
		WALL TILES - 6x18 and 6x12 (ACCENT)									
		SEE DESIGNATED NOTE									
		TEXTURED/PAINTED GYP BOARD									
		WALL TILES - 6x18 and 6x12 (ACCENT)									
		SEE DESIGNATED NOTE									
		TEXTURED/PAINTED GYP BOARD									
		WALL TILES - 6x18 and 6x12 (ACCENT)									
		SEE DESIGNATED NOTE									
		SUSPENDED 24 LAY IN ACOUSTICAL TILES									
		SUSPENDED 24 LAY IN ACOUSTICAL TILES									
		PANTRY EXPOSED STRUCTURE									
		GYP BOARD BOTTOM OF STRUCTURE									
		SEE DESIGNATED NOTE									

MAIN LEVEL											
95	HALL										
96	HALL										
97	HALL										
98	HALL										
99	HALL										
100	VESTIBULE										
101	FINES										
102	CLERK										
103	CLERK										
104	CLERK										
105	OFFICE										
106	JUDGE										
107	VISITING JUDGE										
108	HALL										
109	HALL										
110	JUDGE										
111	JUDGE										
112	JURY										
113	TOILET										
114	OFFICE										

NOTES:
1. DASHED LINE INDICATES EXTEND OF ACCENT PAINT FINISH SW7743.
2. WALLS AE RECEIVE TEXTURE OVER ENTIRE WALL PLANE PRIOR TO PAINTING.

LEGEND	
	CARPET - SEE SPECIFICATIONS FOR INSTALLATION DIRECTION
	ENTRY CARPET TILE - SEE SPECIFICATIONS FOR INSTALLATION DIRECTION
	CERAMIC TILE - SEE SPECIFICATION FOR INSTALLATION DIRECTION



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BUILDING ADDITION & REMODEL
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

REVISIONS

PROJECT NO.: 23003
DATE: JUNE 2023
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CHECKED BY: GLN

DRAWING NO.:

A1.9

ROOM FINISH SCHEDULE

STRUCTURAL DRAWING NOTES

JEFFERSON COUNTY COURTS ADDITION

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 = 115 MPH (Ultimate)
89 MPH (Nominal)

Exposure = C
Risk Category II
Enclosure Classification = Enclosed
Components and Cladding Pressure = 15 psf

B. Seismic

Ss = 0.3750g
Si = 14.10%g
Risk Category = II
Site Class = D
R = 6.5

Sps = 0.375g
Spi = 0.210g
Ie = 1.00
Seismic Design Category = D
V = Cs W = 0.058W
Cold-Formed Steel Bearing Walls With Steel Sheets
Equivalent Lateral Force Analysis Method
Percentage of roof snow used for design = 20%

C. Live Loads per IBC Sec. 1607

1. Ground snow: Pg 50

2. Roof

a. Snow Load: Pf 35

i. Is = 1.0
ii. Ce = 1.0
iii. Gt = 1.0

b. Live Load 20 (Non-concurrent with snow load)

3. Slab on grade 100

4. Interior wall lateral pressure 5

D. Dead Loads

Uniform (psf)
1. Framing system 20 (Roof)

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 - F0.50W0.01

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 - F2.50W0.01

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 - F0.50W0.01

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.

2. Reinforcing steel

a. Typical ASTM A615 Grade 60

b. Weldable ASTM A706 Grade 60

3. Structural steel

a. W-shapes ASTM A992

b. Angles ASTM A36

c. Miscellaneous plates & bars ASTM A36

d. HSS shapes ASTM A500 Grade B

IV. SPECIAL INSPECTION

A. See sheet S1.3 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/S1.2.

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 shall be as follows:
#4 - 24"; #5 - 30"

G. Reinforce all concrete walls as shown on the Concrete Wall Schedule.

H. No aluminum products shall be embedded in the concrete.

I. 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.

J. 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 on sheet S1.2.

VII. 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"
Not exposed to earth or weather - slabs, walls... 3/4"

VIII. 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.

IX. LIGHT GAUGE STEEL FRAMING

A. Specified framing members are based upon the Steel Stud Manufacturers Association (SSMA). Clip connections are based upon Clark Dietrich Industries and/or Simpson Strong-Tie. Substitutions are allowed provided they meet or exceed those specified.

B. All studs and/or joists and accessories shall be of the type, size, steel thickness and spacing as shown on the plans. Studs, runners (track), bracing and bridging shall be manufactured per ASTM C455.

C. All galvanized studs, joists and accessories, 18 gauge and lighter shall be formed from steel that conforms to the requirements of ASTM A653 with a yield of 33 ksi minimum.

D. Follow all manufacturer's recommendations for the use of these products.

E. Unless otherwise noted, all welded connections shall be done using 1/8" AWS type 6013 or T014 rod with a welding heat of 60-100 amperes depending on the gauge of material and the fit of the parts. Wire tying of framing components shall not be permitted.

F. All interior non-bearing steel stud walls that extend above the ceiling but do not attach to the floor or roof diaphragm (above), shall have diagonal braces (45 degrees) spaced on 8'-0" centers. Connect diagonal braces to the top of the steel stud walls and to the floor or roof diaphragm above.

G. All interior non-structural steel stud walls that extend up to the roof diaphragm above shall have a deflection connection capable of 1 1/4" upward and downward movement. Use Dietrich FTC3 (Fast Top Clip) or similar at each stud.

X. STEEL 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 4" lap at the splice points of all pieces of decking.

D. Steel deck shall be 3-span continuous minimum.

E. See the Steel Deck Schedule for deck size, type and fastening requirements. Substitutions in deck and/or attachments are allowed provided they meet or exceed those specified.

LEGEND

MARK ON SHEET	DESCRIPTION	SCHEDULE ON SHEET	DETAIL
CF	CONCRETE FOOTING	S1.2	-
CCJ	CONTROL OR CONST. JT.	-	S1.2
CS	CONCRETE SLAB	S1.2	-
CW	CONCRETE WALL	S1.2	-
HD	HOLDOWN ANCHOR	S1.2	-
SB	STEEL BEAM	S1.2	-
SC	STEEL COLUMN	S1.2	-
SD	STEEL DECK	S1.2	-
SH	STEEL HEADER	S1.2	-
SJ	STEEL JOIST	S1.2	-
SW	STEEL WALL	S1.2	-

PROJECT NO.:
23003
DATE:
June 2023
DRAWN BY:
CGK
CHECKED BY:
GLN

DRAWING NO.:

PROJECT:
BUILDING ADDITION/RENAVATION
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

SHEET TITLE:
STRUCTURAL DRAWING NOTES

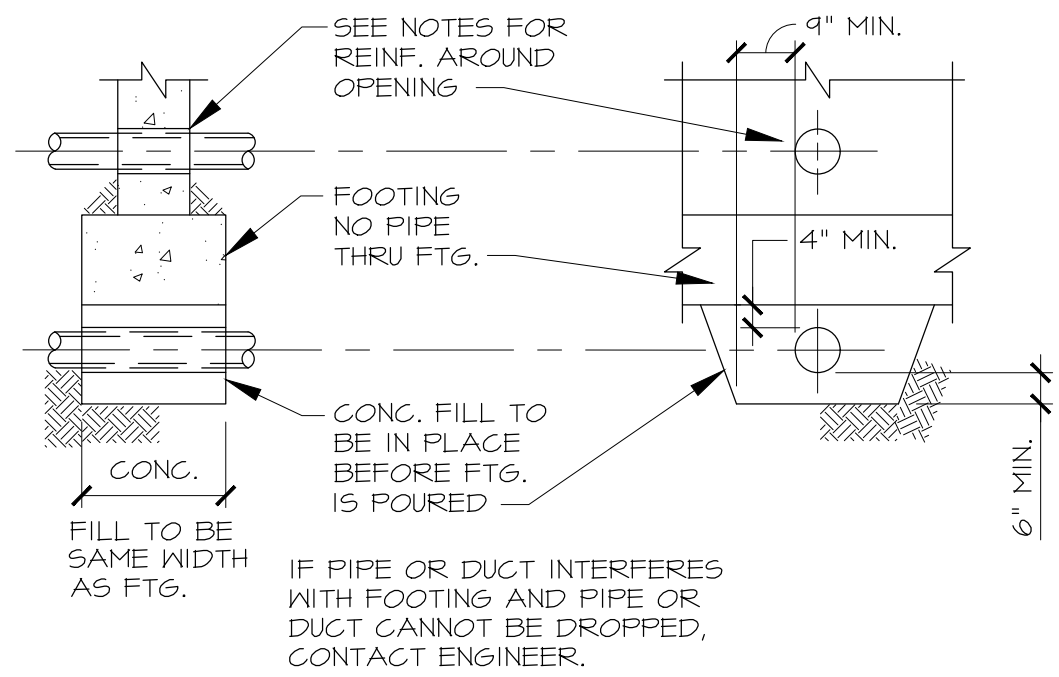
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PROFESSIONAL ENGINEER
REGISTERED
8816
6-14-2023
STATE OF IDAHO
MARK D. ANDRUS

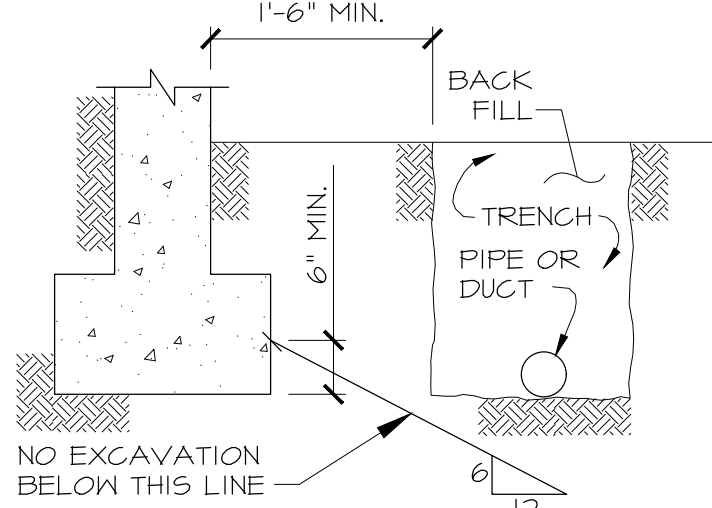
G&S STRUCTURAL ENGINEERS

505 LINDSAY BOULEVARD
IDAHO FALLS, IDAHO 83402
PHONE: (208) 523-6918 / FAX: (208) 523-6922
E-MAIL: gse@gseengineers.net COPYRIGHT 2023
PROJECT NUMBER: 23024
DRAFTER: KS DESIGNER: MA CHECKER: MA

S1.1



PERPENDICULAR TO FOUNDATION



ALLOWABLE TRENCHING
& UTILITY PLACEMENT DETAIL

CONCRETE FOOTING SCHEDULE					
ON PLAN DENOTES TOP OF FOOTING (U.O.N.)					
MARK	DEPTH	WIDTH	LENGTH	REINFORCEMENT	
				LONGITUDINAL	TRANSVERSE
CF1	12"	1'-4"	CONT.	2- #4 CONT.	-
CF2	12"	2'-0"	CONT.	3- #4 CONT.	-
CF3	12"	2'-0"	CONT.	3- #4 CONT.	#4x24" @ 24" O.C. DOWELED INTO EXISTING FOUNDATION WALL

CONCRETE WALL SCHEDULE					
ON PLAN DENOTES TOP OF WALL (U.O.N.)					
MARK	WIDTH	TYPE	REINFORCEMENT		REMARKS
			HORIZONTAL	VERTICAL	
CW1	6"	A	#4 @ 16" O.C.	#4 @ 18" O.C.	
CW2	12"	B	#4 @ 16" O.C. EACH FACE	#4 @ 18" O.C. EACH FACE	

PLACEMENT TYPE

TYPE A

TYPE B

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.	

TYPICAL CONTROL JOINT (CC-J) TYPICAL CONSTRUCTION JOINT (CC-C)

CONCRETE SLAB ON GRADE DETAILS

STEEL DECK SCHEDULE			
MARK	DECK SIZE	FASTENING REQUIREMENTS	REMARKS
SD1	1 1/2" HSB-36 VERO DECK 22 GAUGE GRADE 50 STEEL MIN.	PERPENDICULAR TO SUPPORT: #10 SCREW @ 36/4 PATTERN @ INTERIOR AND 36/7 @ ENDS PARALLEL TO SUPPORT: #10 SCREW @ 6" O.C. SIDE LAP CONNECTION: BUTTON PUNCH @ 12" O.C.	EQUIVALENT FASTENERS CAN BE USED, SEE STRUCTURAL NOTES

JOIST SCHEDULE				
MARK	JOIST SIZE	MATERIAL	SPACING	REMARKS
SJ1	1000S200-68	33 KSI STEEL MIN.	16" O.C.	NOTE: WALL STUDS BELOW MUST ALIGN WITH JOIST FRAMING ABOVE
SJ2	1000S200-68	33 KSI STEEL MIN.	12" O.C.	NOTE: WALL STUDS BELOW MUST ALIGN WITH JOIST FRAMING ABOVE

BEAM SCHEDULE			
MARK	BEAM SIZE	MATERIAL	REMARKS
SB1	W10x30	ASTM A992	
SB2	1-1000S200-68	33 KSI STEEL MIN.	
SB3	2-1000S200-68	33 KSI STEEL MIN.	BACK TO BACK WITH 2 ROWS OF #10 SCREWS @ 12" O.C.

COLUMN SCHEDULE			
MARK	COLUMN SIZE	MATERIAL	REMARKS
SC1	H554x4x1/4	ASTM A500 GRADE B	

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"	LTx4x3/8	8"

NOTE:
1) PROVIDE SHORING UNDER HEADERS DURING THE CONSTRUCTION PROCESS UNTIL MORTAR IS FULLY CURED.

STEEL WALL SCHEDULE ^{(1) (2)}					
MARK	STUD SIZE	BOTTOM TRACK	ANCHOR ⁽³⁾ BOLTS	TOP TRACK	REMARKS
SW1	600S162-43 @ 16" O.C.	600T125-43	1/2" @ 32" O.C. W/ 1" EMBED	600T125-43	
SW2	362S162-43 @ 16" O.C.	362T125-43	1/2" @ 32" O.C. W/ 1" EMBED	362T125-43	STUDS MUST BE BRACED WITH BRIDGING AT A MAXIMUM SPACING OF 42 1/2"

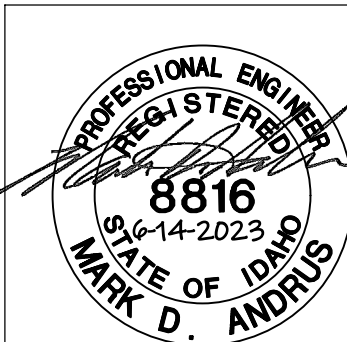
NOTE:
(1) ALL MEMBERS TO BE 33 KSI STEEL MINIMUM WITH THE MINIMUM GAGE AND MAXIMUM SPACING AS SHOWN.
(2) WALL STUDS MUST ALIGN WITH ROOF JOIST FRAMING ABOVE.
(3) AT CONTRACTOR'S OPTION THE ANCHOR BOLTS CAN BE 1/2"x4" SIMPSON TITEN HD AT THE SAME SPACING.

STEEL PANEL AND HOLDOWN SCHEDULE						
MARK	STEEL ⁽¹⁾ SHEET	SCREW SPACING ⁽²⁾		END ⁽³⁾ COLUMNS	SIMPSON ⁽⁴⁾ HOLDOWNS	HOLDOWN ANCHOR BOLT
		EDGE	INTERMEDIATE			
SP1	0.030"	6"	12"	2- 600S162-43	S/HDU4	SEE NOTE #5
SP2	0.030"	6"	12"	2- 600S162-43	S/DTT2Z	SEE NOTE #6
SP3	0.030"	6"	12"	2- 600S162-43	S/HDU4	SEE NOTE #7
SP4	0.030"	6"	12"	2- 362S162-43	S/DTT2Z	SEE NOTE #6

NOTE:
(1) STEEL SHEETS TO BE A MINIMUM UNCOATED STEEL THICKNESS SHOWN AND MINIMUM 33 KSI STEEL.
(2) SCREWS TO BE #8 AND SPACED AS SHOWN. PROVIDE STUD BLOCKING AT HORIZONTAL JOINTS. PROVIDE EDGE SCREW SPACING AT TOP AND BOTTOM WALL TRACKS.
(3) END COLUMNS TO BE LOCATED AT END OF THE SHEAR PANEL. STUDS TO BE BACK TO BACK AND FASTENED TOGETHER WITH #8 SCREWS AT 12" O.C. FULL HEIGHT.
(4) SIMPSON HOLDOWN TO BE LOCATED AT EACH END OF THE SHEAR PANEL AND FASTENED TO THE END COLUMNS PER THE MANUFACTURER.
(5) USE SIMPSON SB5/BX24 ANCHOR BOLT OR 5/8" @ 36) THREADED ROD (F1554 GRADE 36) DRILLED AND EPOXIED WITH SIMPSON AT-XP ADHESIVE AND 8" EMBED.
(6) USE 1/2" @ 36) THREADED ROD (F1554 GRADE 36) WITH DOUBLE NUT CAST INTO THE CONCRETE WALL WITH 7" EMBED OR DRILL AND EPOXY ROD WITH SIMPSON AT-XP ADHESIVE AND 7" EMBED.
(7) USE 5/8" @ 36) THREADED ROD (F1554 GRADE 36) WITH DOUBLE NUT CAST INTO THE CONCRETE WALL WITH 7" EMBED OR DRILL AND EPOXY ROD WITH SIMPSON AT-XP ADHESIVE AND 7" EMBED.

MARK	HEADER SIZE	HEADER SCREWS
SH1	2- 600S162-43 W/ 600T125-43 TOP AND BOTTOM	4- #10 SCREWS AT EACH LEG (8 SCREWS MINIMUM)
SH2	2- 600S162-43 W/ 362T125-43 TOP AND BOTTOM	4- #10 SCREWS AT EACH LEG (8 SCREWS MINIMUM)

NOTE:
(1) ALL MEMBERS TO BE 33 KSI STEEL MINIMUM WITH THE MINIMUM GAGE AS SHOWN.



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PROJECT NUMBER: 23024
DRAFTER: KS DESIGNER: MA CHECKER: MA

REVISIONS

PROJECT NO.:
23003
DATE:
June 2023
DRAWN BY:
CGK
CHECKED BY:
GLN

DRAWING NO.:

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 Building 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 CONTRACTOR	
	The contracotr shall submit a written statement of responsibility to the owner and the building official prior to the commencement of 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 intervals described 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 without 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 construction 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	
	After the steel floor and/or roof deck is installed prior to pouring of any concrete	
Masonry	At various time during the construction of the masonry walls	

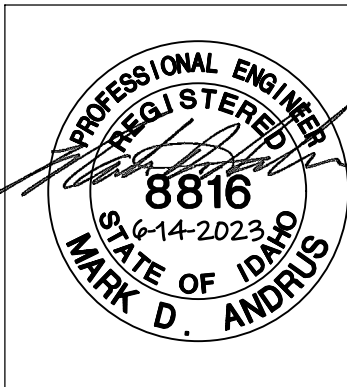
COLD-FORMED STEEL DECK CONSTRUCTION INSPECTIONS			
Inspection of cold-formed steel deck per 2018 IBC section 1705.2.2			
INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
Material verification of steel deck		X	Verify steel deck type and gage per the approved contract drawings
Placement 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 1705.6			
INSPECTION TASK	CONTINUOUS INFECTION	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 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 Groove and GJP groove 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		
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 maintainance of specified curing temperature and techniques		X	

STEEL BOLTED CONSTRUCTION INSPECTIONS			
Per 2018 IBC section 1705.2, 1705.12.1, 1705.13 and AISC 360-16 Chapter N.			
INSPECTION TASK	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
INSPECTION TASKS PRIOR TO BOLTING			
Manufacturer's certifications available for fastener materials	X		
Fasteners		X	Marked in accordance with ASTM requirements
Correct fasteners selected for joint detail		X	Including grade, type, bolt length if threads are to be excluded from shear plane
Correct bolting procedure selected for joint detail		X	
Connecting elements		X	Including the appropriate flaying surface condition and hole preparation
Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used		X	Not required for snug tight joints per AISC 360-16 section N6 (a)
Fastener storage		X	Proper storage for bolts, nuts, washers and other fastener components
INSPECTION TASKS DURING BOLTING			
Fastener assemblies		X	Verify fasteners are placed in all holes and washers and nuts are positioned as required
Joint		X	Verify joint is brought to a snug-tight condition prior to pretensioning
Fastener component not turned by the wrench prevented from rotating		X	
Pretensioned fasteners		X	Verify fasteners are pretensioned in accordance with the RCSC specification, progressing systematically from the most rigid point towards the free edges
Snug-tight joints		X	Verify all piles in the connection have been pulled into firm contact by the bolts and the bolts have been tightened sufficiently to prevent removal of the nuts without a wrench
INSPECTION TASKS AFTER BOLTING			
Document acceptance or rejection of bolted connections	X		





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BUILDING ADDITION/RENAVATION

JEFFERSON COUNTY COURTS ADDITION

JEFFERSON COUNTY COURTHOUSE

RIGBY, IDAHO



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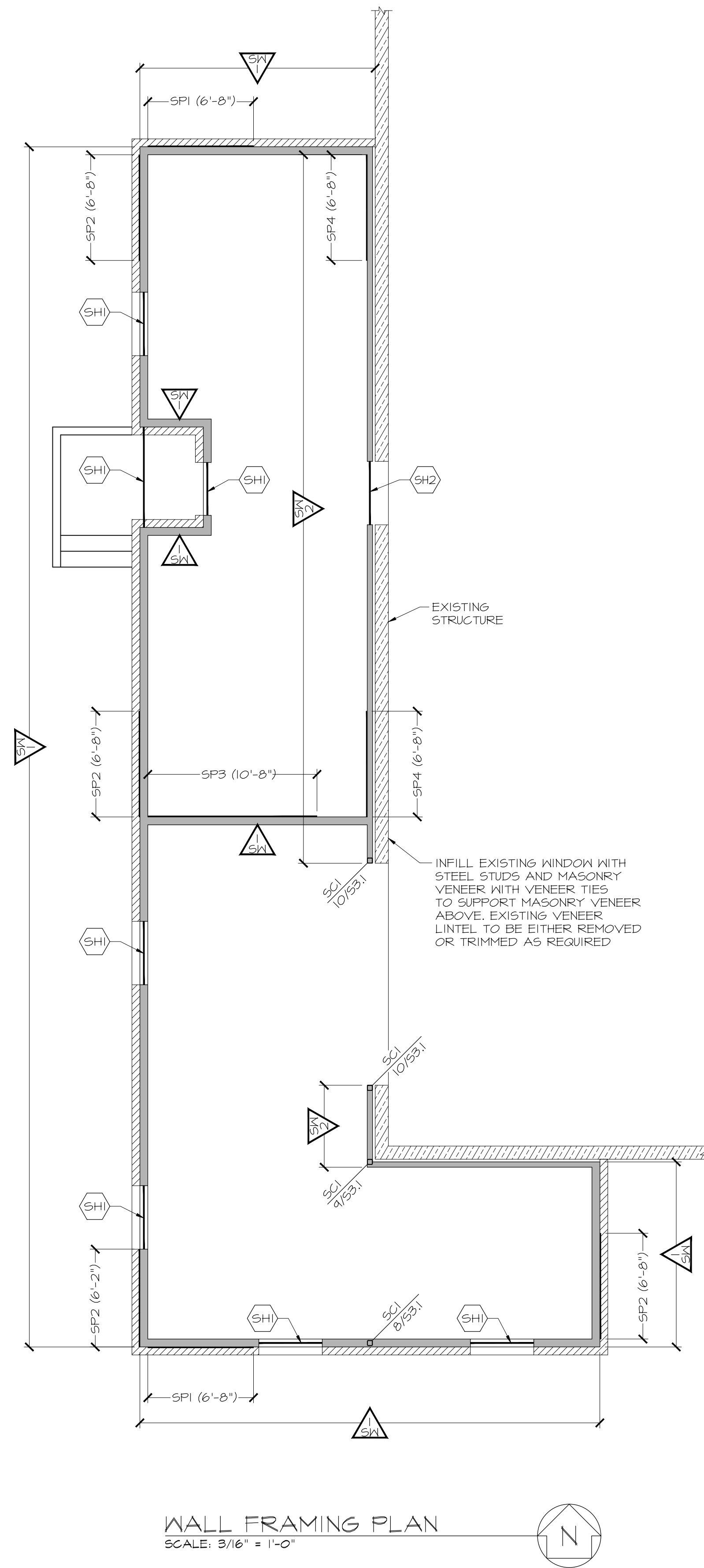
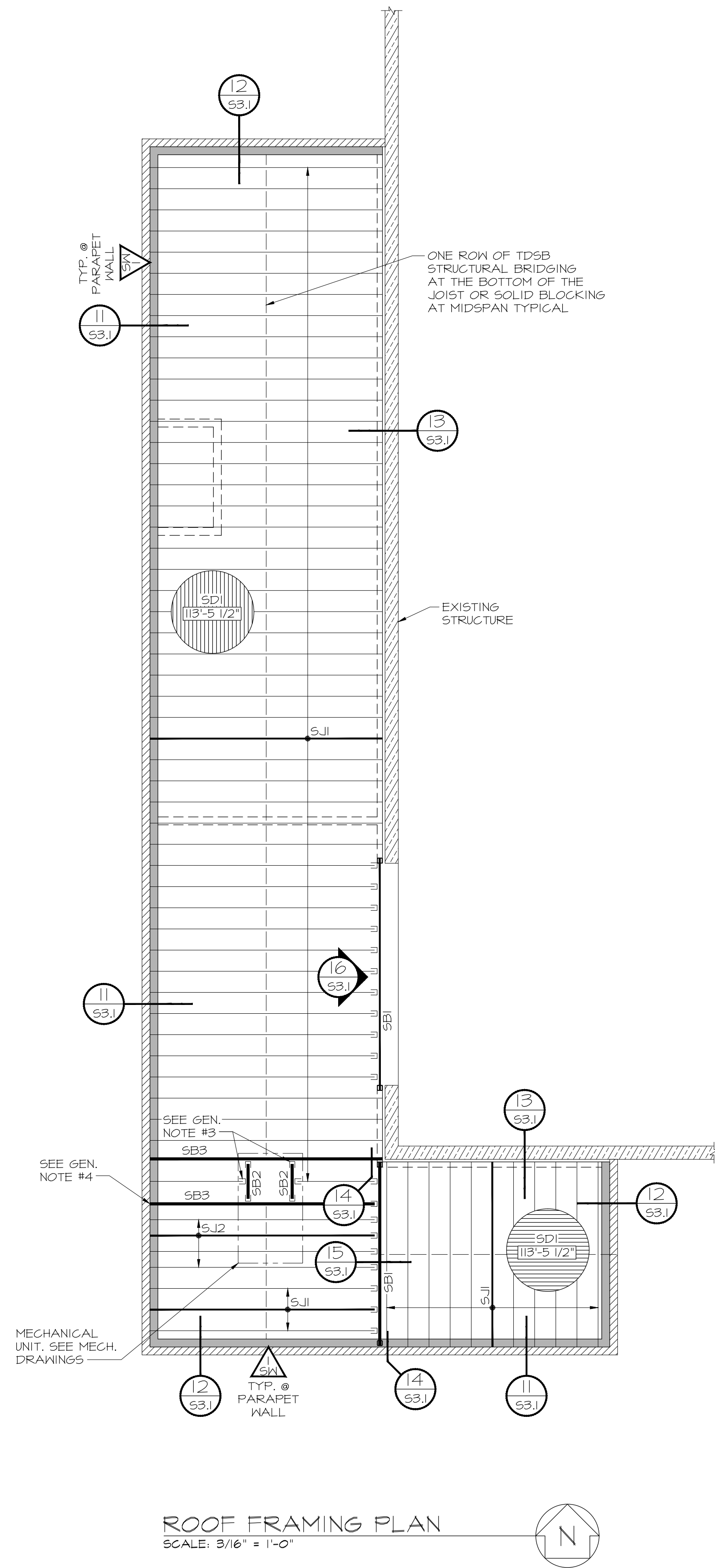
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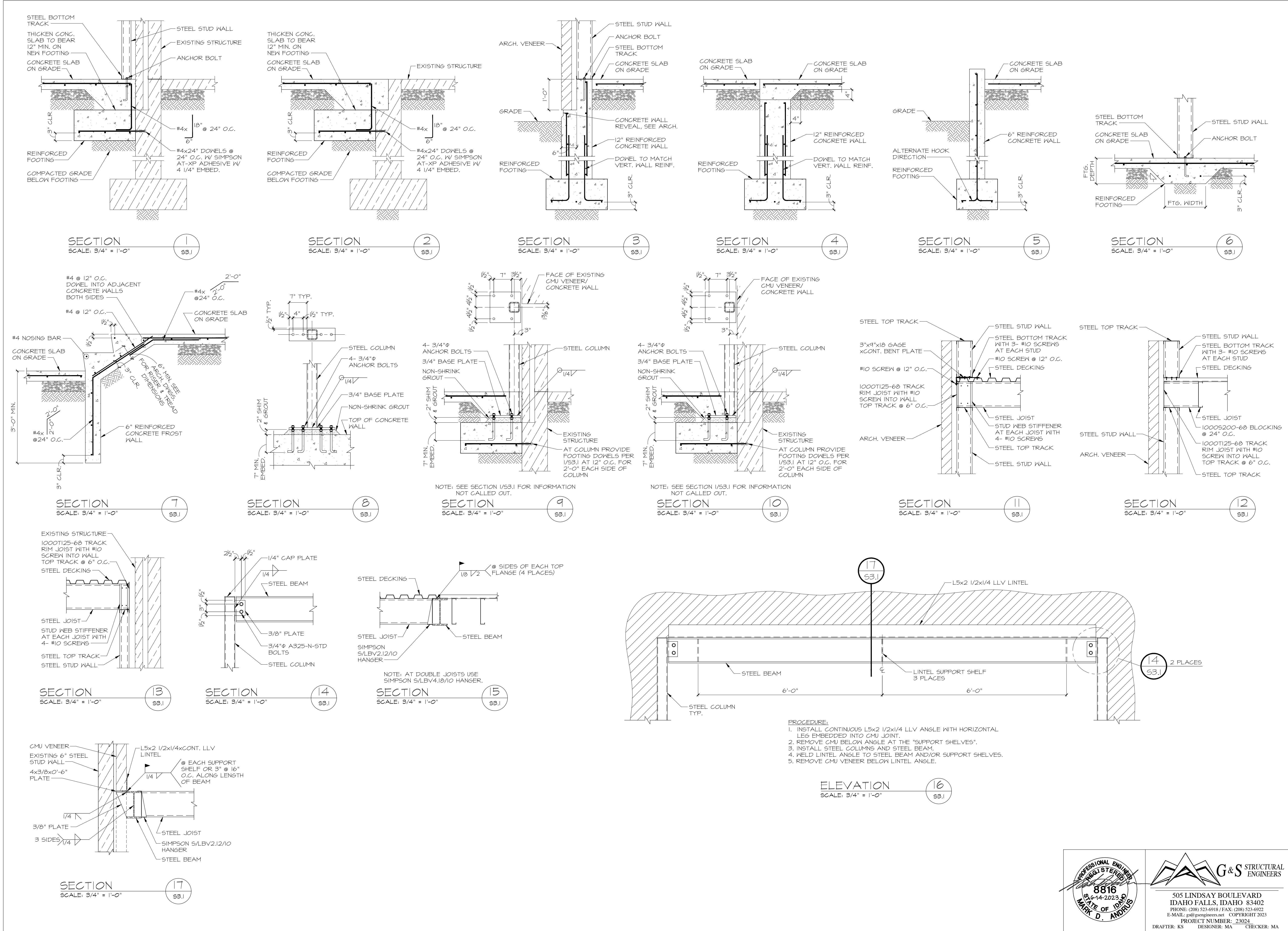
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INSPECTION REQUIREMENTS

SHEET TITLE



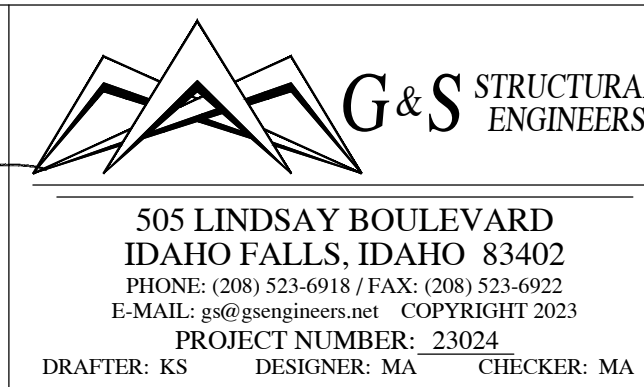
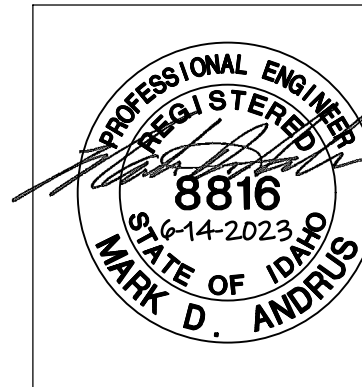


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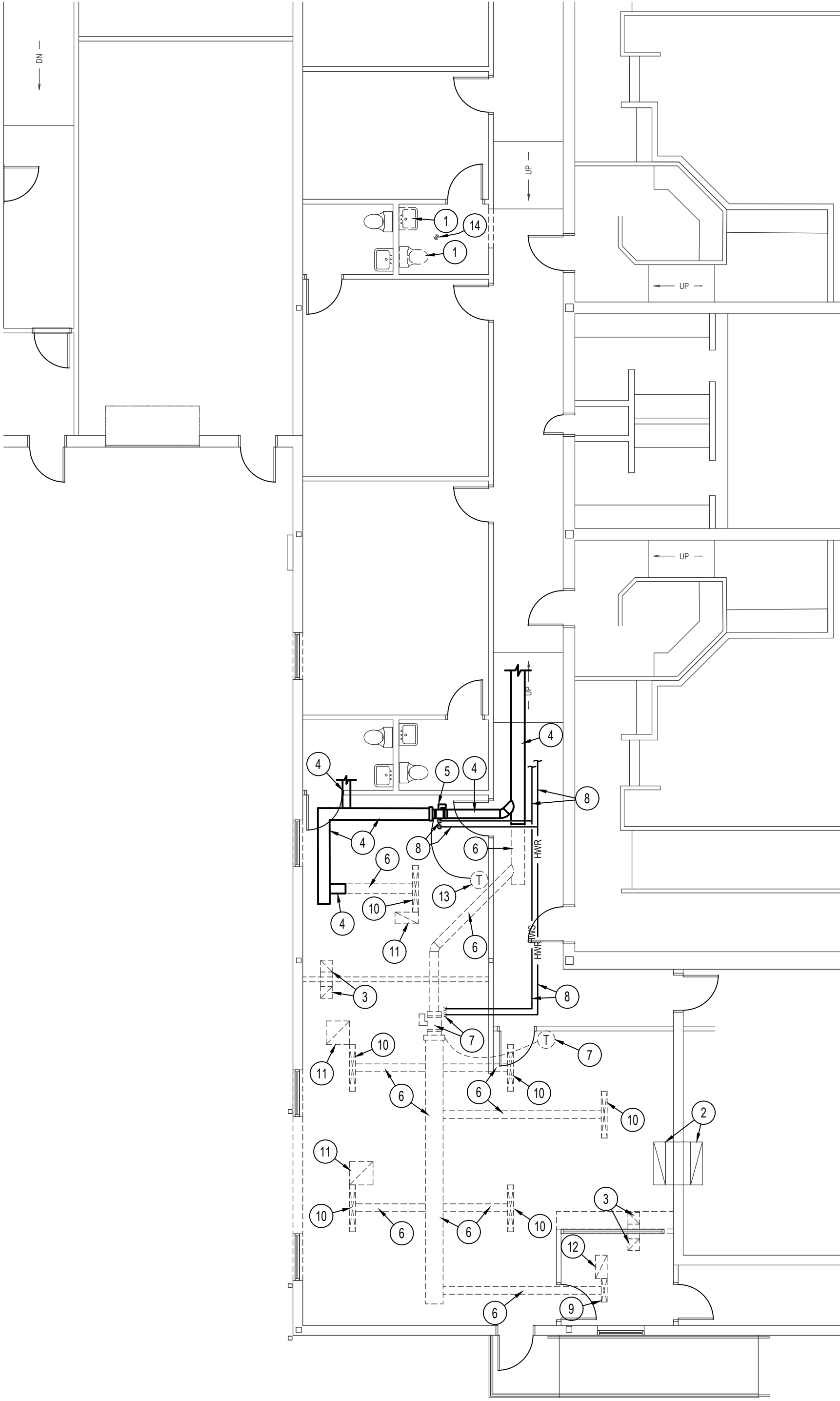
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MECH. / PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



PLAN NOTES:

- 1 REMOVE EXISTING PLUMBING FIXTURE FOR NEW CONSTRUCTION IN TOILET ROOM. SEE SHEET MP1.1 FOR REINSTALLATION OF FIXTURE.
- 2 EXISTING TRANSFER AIR DUCT ABOVE CEILING TO REMAIN. PROTECT DURING CONSTRUCTION.
- 3 REMOVE EXISTING TRANSFER AIR DUCT ABOVE CEILING.
- 4 EXISTING SUPPLY AIR DUCTWORK TO REMAIN. PROTECT DURING CONSTRUCTION.
- 5 EXISTING VAV BOX, PIPING AND CONTROLS TO REMAIN. PROTECT DURING CONSTRUCTION.
- 6 REMOVE EXISTING SUPPLY AIR DUCT.
- 7 REMOVE EXISTING VAV BOX, PIPING AND CONTROLS AND RETURN TO OWNER. PATCH WALL TO MATCH EXISTING.
- 8 EXISTING HW SUPPLY AND HW RETURN PIPING TO REMAIN. PROTECT DURING CONSTRUCTION.
- 9 REMOVE EXISTING CEILING DIFFUSER.
- 10 REMOVE EXISTING CEILING DIFFUSER AND RELOCATE TO NEW LOCATION AS SHOWN ON SHEET MP1.1.
- 11 REMOVE EXISTING CEILING RETURN AIR GRILLE.
- 12 REMOVE EXISTING CEILING RETURN AIR GRILLE AND RELOCATE TO NEW LOCATION AS SHOWN ON SHEET MP1.1.
- 13 REMOVE AND RELOCATE EXISTING THERMOSTAT TO NEW WALL. PATCH WALL TO MATCH EXISTING. SEE SHEET MP1.1 FOR NEW LOCATION.
- 14 REMOVE EXISTING FLOOR DRAIN STRAINER FOR NEW FLOOR IN RESTROOM. SEE SHEET MP1.1 FOR REINSTALLATION.

MECH. / PLUMBING LEGEND

SYMBOL	DESCRIPTION
①	PLAN NOTE
DF-1	PLUMBING FIXTURE SYMBOL
VB T	EQUIPMENT SYMBOL
SA	SUPPLY AIR
RA	RETURN AIR
T	REMOTE THERMOSTAT
S	REMOTE SENSOR
HWS	HYDRONIC HOT WATER SUPPLY PIPING
HWR	HYDRONIC HOT WATER RETURN PIPING
RDL	ROOF DRAIN PIPING
ROO	ROOF OVERFLOW DRAIN PIPING
G	NATURAL GAS PIPING
WASTE PIPING	WASTE PIPING
VENT PIPING	VENT PIPING
DOMESTIC COLD WATER PIPING	DOMESTIC COLD WATER PIPING
HD	HAND DAMPER
RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF	RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF
TURNING VANES	TURNING VANES
DUCT TRANSITION	DUCT TRANSITION
INSULATED FLEXIBLE DUCT	INSULATED FLEXIBLE DUCT
MEDIUM PRESSURE ROUND SPIRAL DUCTWORK	MEDIUM PRESSURE ROUND SPIRAL DUCTWORK
RETURN AIR GRILLE	RETURN AIR GRILLE
CEILING DIFFUSER	CEILING DIFFUSER
EXHAUST AIR GRILLE	EXHAUST AIR GRILLE
VARIABLE AIR BOX WITH RE-HEAT COIL	VARIABLE AIR BOX WITH RE-HEAT COIL



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PROJECT: BUILDING ADDITION/RENOVATION

JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE

RIGBY, IDAHO

SHEET TITLE:

MECHANICAL & PLUMBING DEMOLITION PLAN

REVISIONS

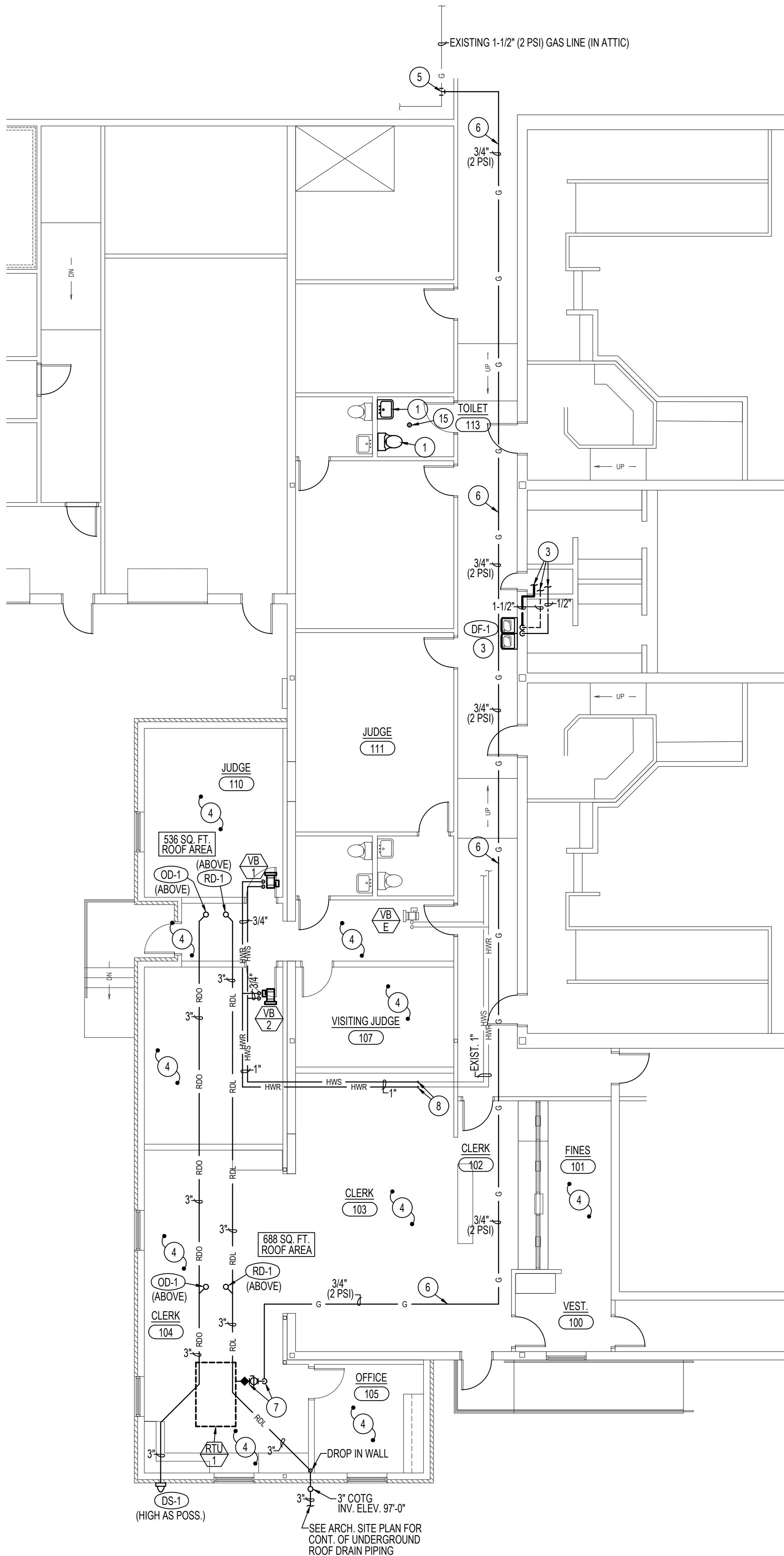
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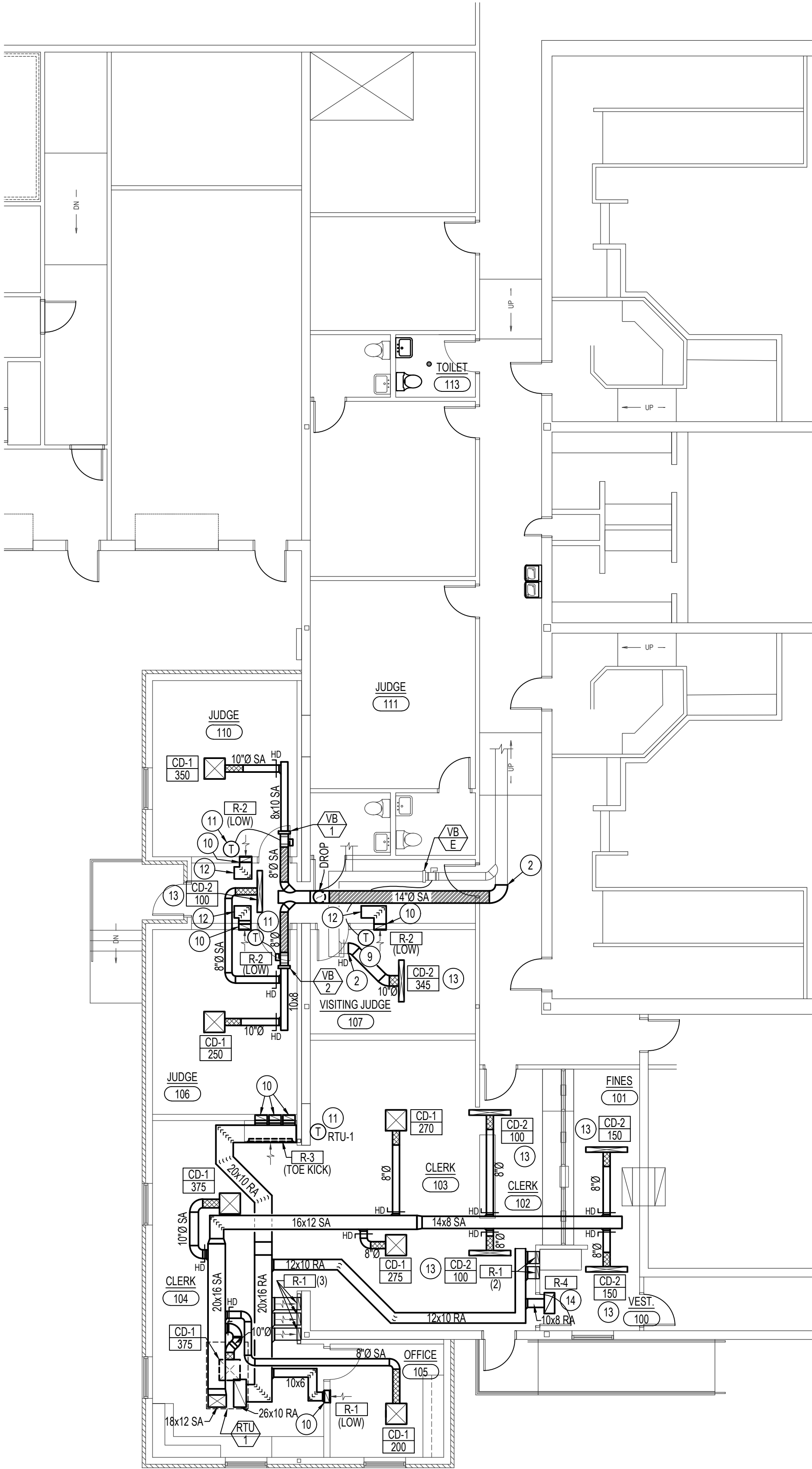
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PLUMBING FLOOR PLAN

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



MECHANICAL FLOOR PLAN

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



PLAN NOTES:

- 1 REINSTALL EXISTING PLUMBING FIXTURE. MODIFY ROUGH-IN AS REQUIRED.
- 2 CONNECT NEW DUCTWORK TO EXISTING SUPPLY AIR DUCTWORK.
- 3 INSTALL DRINKING FOUNTAIN ON WALL IN LOCATION SHOWN. CONNECT 1/2" CW, 1-1/2" WASTE AND 1-1/2" VENT PIPING TO ASSOCIATED PIPING LOCATED IN CLOSET. FIELD VERIFY EXACT LOCATION OF PIPING WITH-IN CLOSET AND ROUTE PIPING ACCORDINGLY.
- 4 RELOCATE / ADD ADDITIONAL FIRE SPRINKLER HEADS AS REQUIRED TO ACCOMMODATE REMODELED AREA AND NEW ADDITION TO BUILDING AS PER NFPA 13 CODE REQUIREMENTS.
- 5 CONNECT NEW 3/4" (2 PSI) GAS LINE TO EXISTING 3/4" OR LARGER GAS LINE. FIELD VERIFY EXACT LOCATION OF EXISTING GAS LINE.
- 6 RUN NEW GAS LINE AS HIGH AS POSSIBLE IN ATTIC SPACE.
- 7 RISE 3/4" (2 PSI) GAS LINE UP THRU ROOF TO NEW ROOFTOP UNIT RTU-1 (SEAL ROOF PENETRATION WEATHERTIGHT). INSTALL 2 PSI TO 0.5 PSI GAS REGULATOR ON 3/4" LINE AND CONNECT TO UNIT WITH 3/4" (0.5 PSI) GAS LINE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET MP2.1.
- 8 CONNECT NEW 1" HWR & 1" HWS PIPING TO EXISTING AT THIS LOCATION.
- 9 RE-INSTALL EXISTING THERMOSTAT SERVING EXISTING VAV BOX (VB-E) ON NEW WALL.
- 10 DROP 14"x5.5" UN-LINED RETURN DUCT DOWN IN WALL TO SERVE LOW SIDEWALL RETURN GRILLE.
- 11 PROVIDE NEW THERMOSTAT TO MATCH EXISTING CONTROLS.
- 12 INSTALL 14"x5.5" (INTERIOR CLEAR DIMENSIONS) LINED SOUND BOOT IN RETURN AIR DUCTWORK ABOVE CEILING.
- 13 INSTALL RELOCATED SUPPLY AIR DIFFUSER IN NEW CEILING GRID. CONNECT NEW DUCTWORK TO EXISTING DIFFUSER AS SHOWN.
- 14 INSTALL RELOCATED RETURN AIR GRILLE IN NEW CEILING GRID. CONNECT NEW DUCTWORK TO EXISTING GRILLE AS SHOWN.
- 15 RE-INSTALL EXISTING FLOOR DRAIN STRAINER AFTER FLOOR WORK IS COMPLETE.



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PROJECT: BUILDING ADDITION/RENOVATION
JEFFERSON COUNTY COURTS ADDITION
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RIGBY, IDAHO

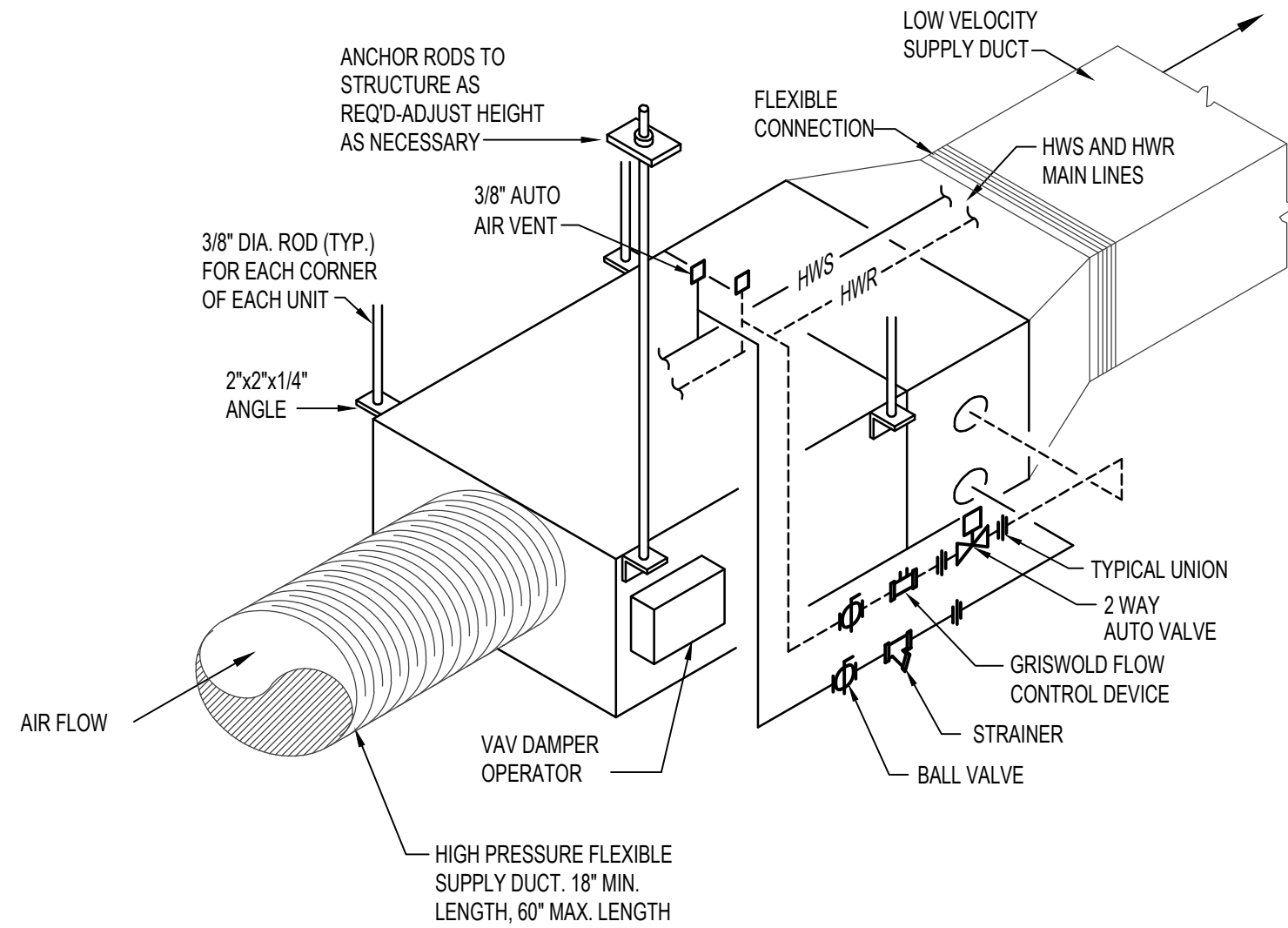
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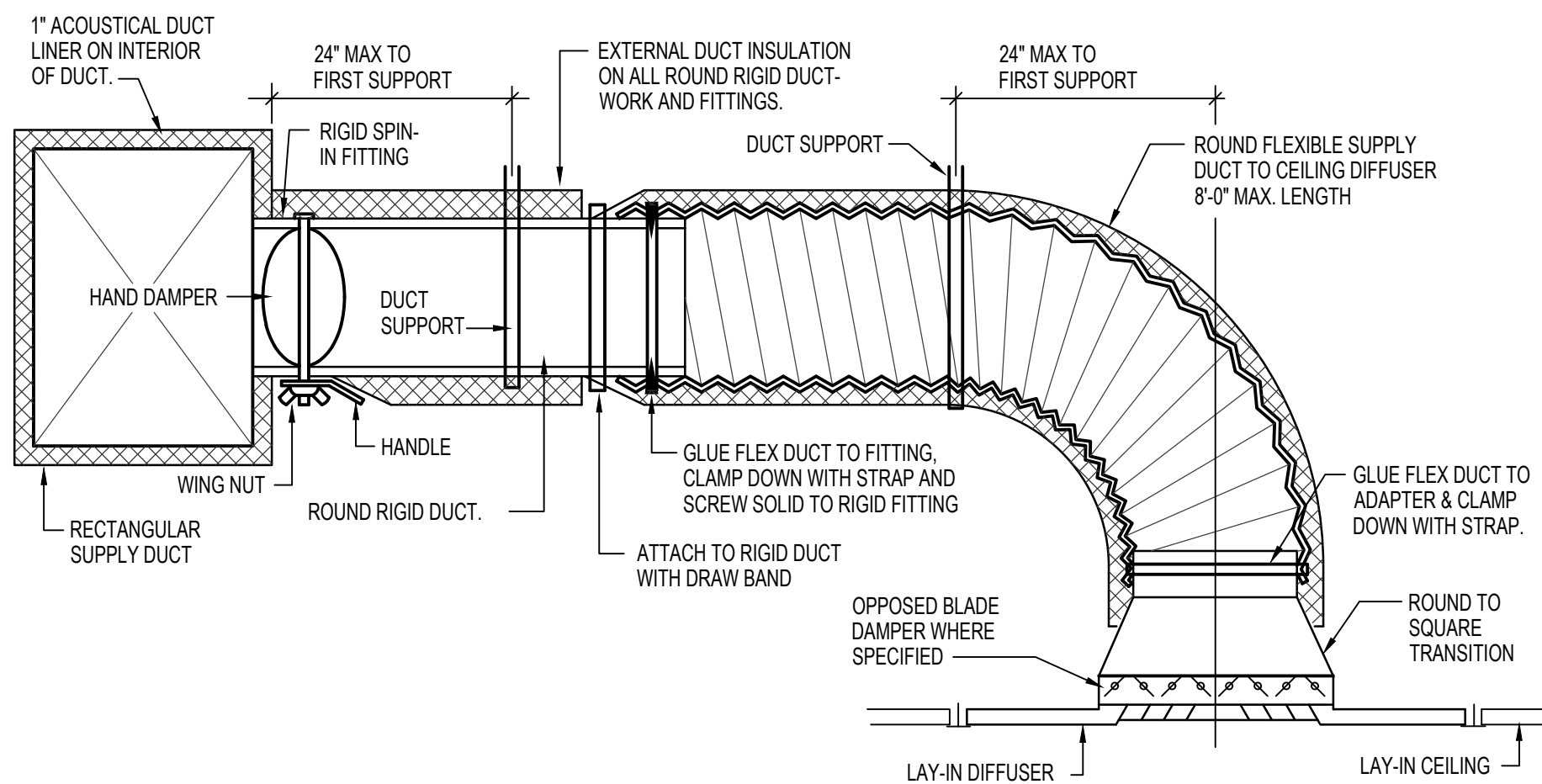
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V.A.V. REHEAT BOX (2-WAY VALVE) DETAIL

NO SCALE



CEILING DIFFUSER DETAIL WITH FLEXIBLE DUCT

NO SCALE

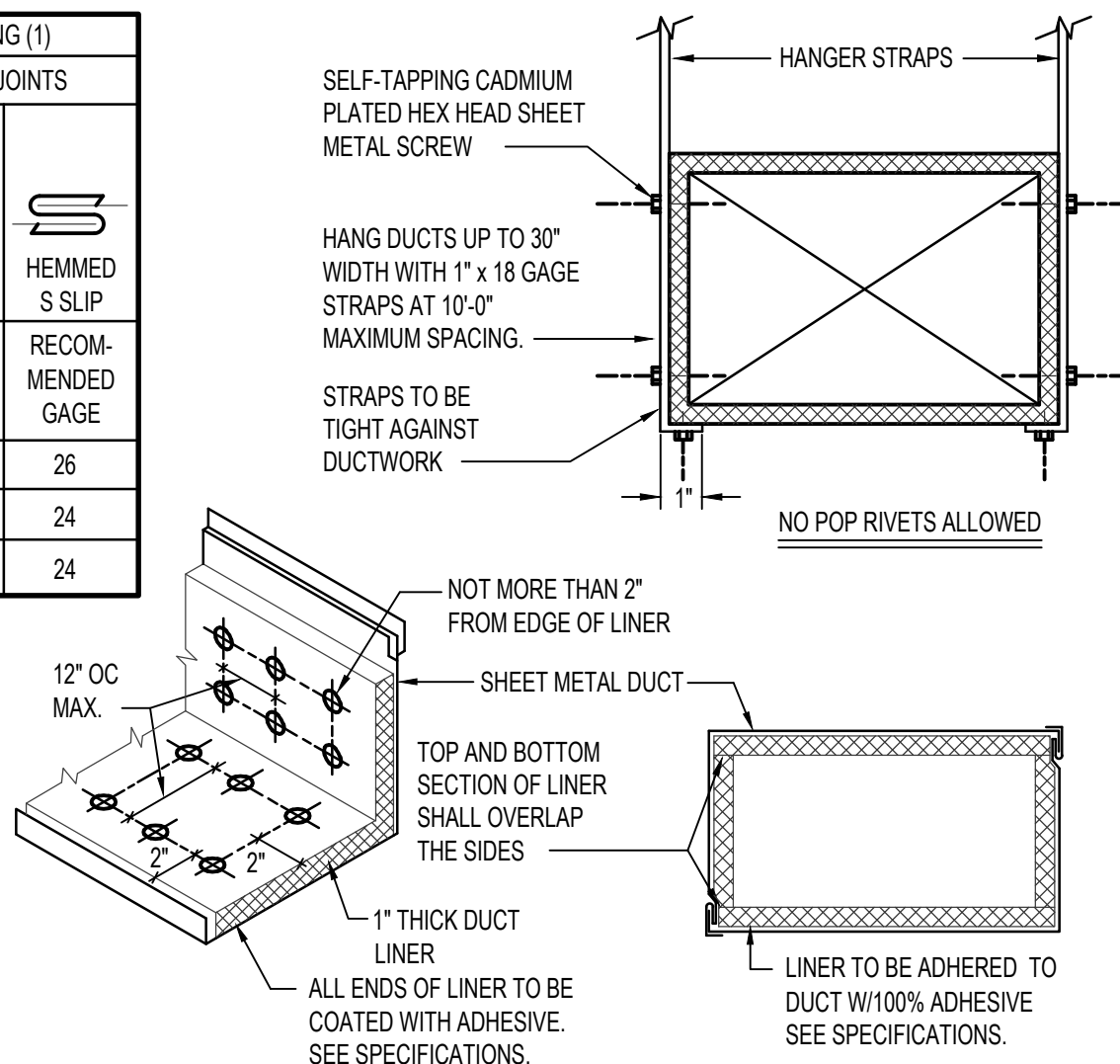
DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	TRANSVERSE REINFORCING (1)			
		MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING		AT JOINTS	
		DRIVE SLIP	HEMMED S SLIP	RECOM-MENDED GAGE	RECOM-MENDED GAGE
UP THRU 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.

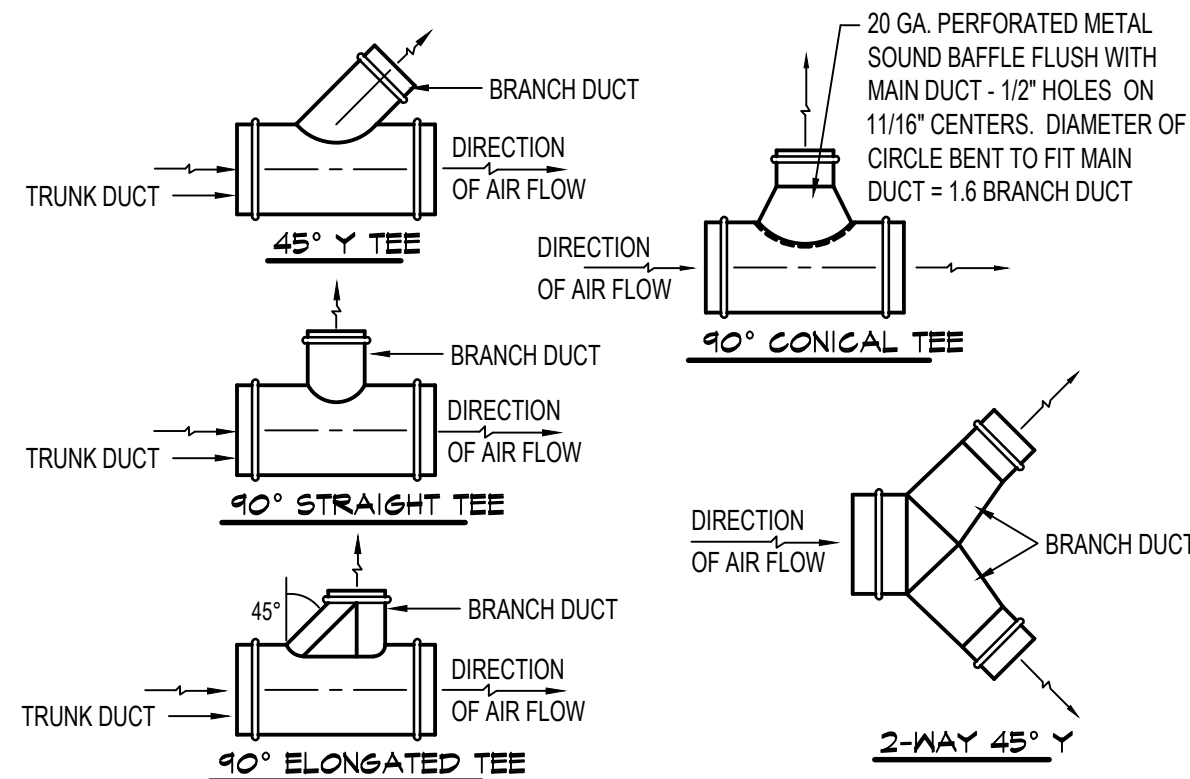
ENDS OF LINER SHALL BE BUTTED FIRMLY TOGETHER



DUCT CONSTRUCTION AND HANGER DETAIL

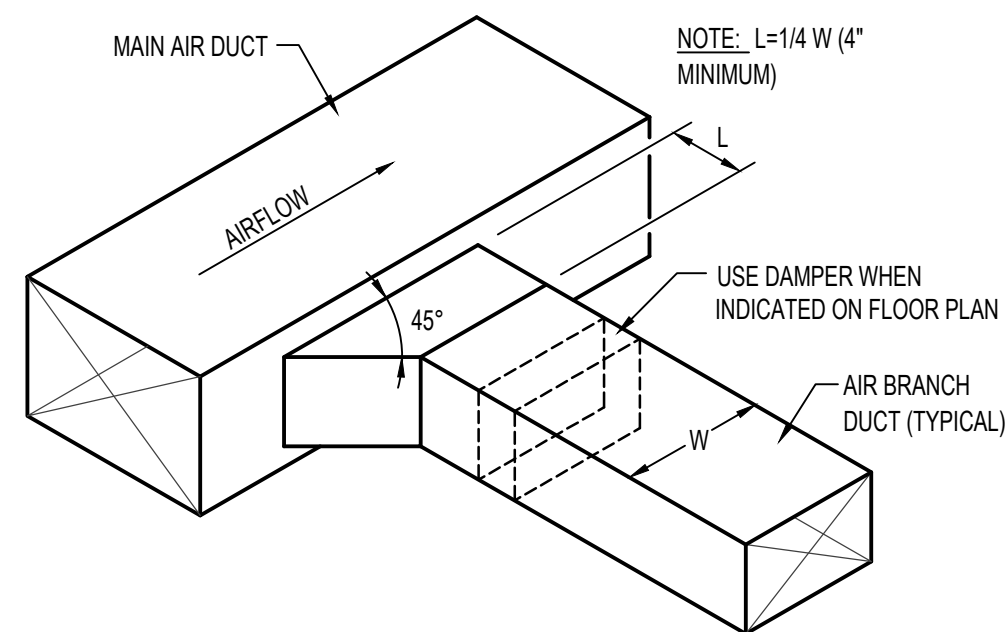
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FIXTURE SCHEDULE						
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT	
DF-1	BH-LEVEL DRINKING FOUNTAIN - ELKAY MODEL EZ-STL8WSLK WITH EZH20 BOTTLE FILLER FLEX-1-GUARD BUBBLERS, 1/2" STOP AND 1-1/2" P-TRAP. PROVIDE ALL INTERCONNECTING PIPING AND DRAIN.	---	1/2"	1-1/2"	1-1/2"	
DS-1	ROOF DRAIN / OVERFLOW DRAIN DOWN SPOUT - JAY R SMITH MODEL 1770 SIZE 3" WITH ROUGH BRONZE FINISH AND 3" DRAIN LINE CONNECTION.	---	---	3"	---	
OD-1	ROOF OVERFLOW DRAIN - JAY R SMITH MODEL 1080 SIZE 3 WITH 2" HIGH WATER DAM, UNDERDECK CLAMP AND 36" SQUARE FLASHING.	---	---	3"	---	
RD-1	ROOF DRAIN - JAY R SMITH MODEL 1010 SIZE 3" WITH UNDERDECK CLAMP AND 36" SQUARE FLASHING.	---	---	3"	---	



ROUND DUCT FITTING DETAILS


NO SCALE



RECTANGULAR DUCT CONNECTION DETAIL

NO SCALE

ROOFTOP HEATING & AIR CONDITIONING UNIT SCHEDULE

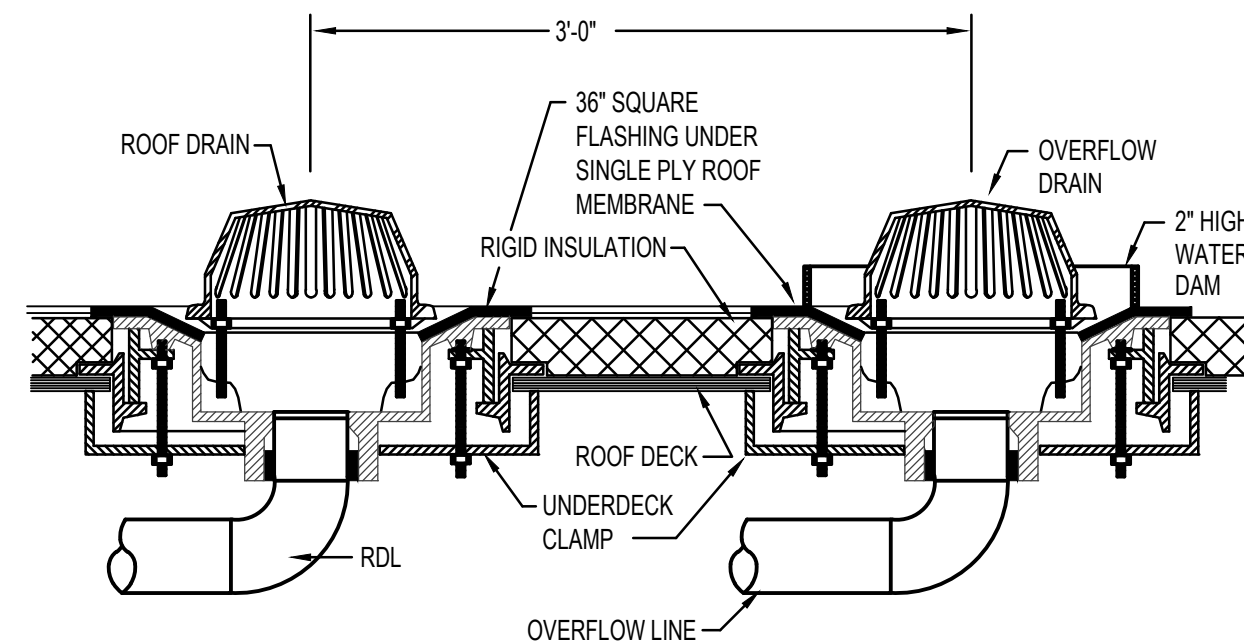
SYM.	CFM	OUTSIDE AIR REQUIRED	SP _E	BLOWER H.P.	CHAR	MCA	MOCP	EER	WEIGHT	L"xW"	GAS CONN	NATURAL GAS HEATING				COOLING			DUCT SIZE		REMARKS
												BTU IN	BTU OUT	EAT	LAT	MBH	EAT	LAT	SUPPLY	RETURN	
	1995	190 CFM	0.6	1.0	460/603	13	20	12.0	672	71X42"	1/2"	115,000	92,000	65°F	105°F	59,000	75°F	55°F	18x12	26x10	TRANE MODEL GB060A4 EMB WITH FACTORY ROOF CURB AND ECONOMIZER

VOLUME BOX SCHEDULE

SYM.	TYPE	MAX (C.F.M.)	MINIMUM (C.F.M.)	AIR INLET	AIR OUTLET	MBH	GPM	T.R	EWT	LWT	PIPE SIZE	CONTROL	REMARKS
VB-E	SINGLE DUCT WITH RE-HEAT	350	-	8"Ø	12x10	25.3	2	-	-	-	-	ELECTRONIC	EXISTING UNIT TO REMAIN.
VB-1	SINGLE DUCT WITH RE-HEAT	350	125	8"Ø	10x8	19.3	1	50.0°F	180°F	160°F	3/4"	ELECTRONIC	PRICE MODEL SDV-8 WITH 2-ROW HOT WATER COIL AND SF300 SENSOR.
VB-2	SINGLE DUCT WITH RE-HEAT	350	125	8"Ø	10x8	19.3	1	50.0°F	180°F	160°F	3/4"	ELECTRONIC	PRICE MODEL SDV-8 WITH 2-ROW HOT WATER COIL AND SF300 SENSOR.

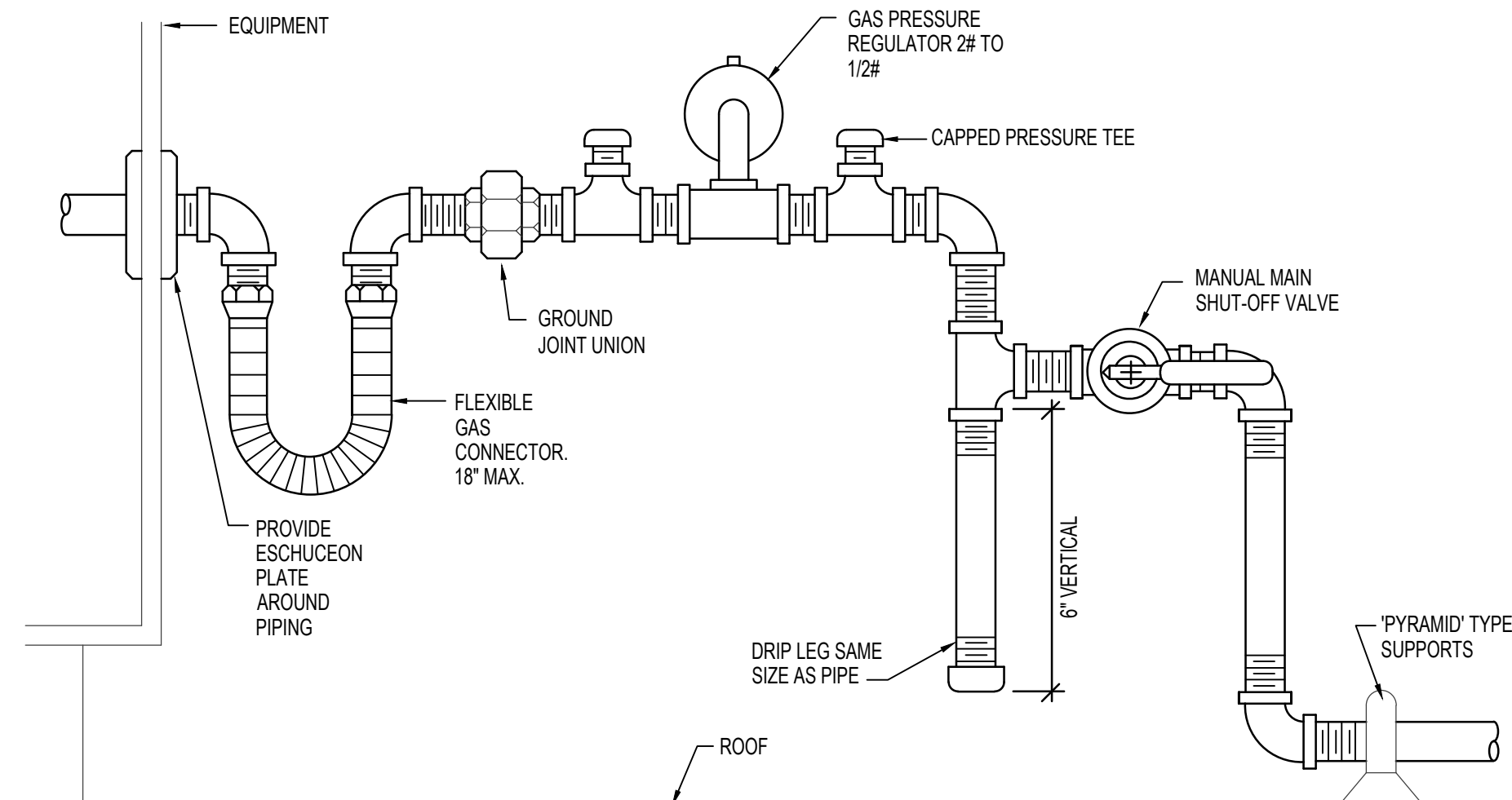
GRILLE AND REGISTER SCHEDULE

SYM.	SIZE	TYPE	CFM	CONSTR.	FINISH	BRANCH DUCT	F.D.	O.B.	REMARKS
CD-1	24 x 24	◊	200-375	STEEL	WHITE	VAR.	NO	NO	PRICE MODEL SMD WITH 24x24 LAY-IN MODULE
CD-2	24 x 6	2-WAY	100-350	STEEL	WHITE	VAR.	NO	NO	EXISTING SLOT DIFFUSER. INSTALL IN NEW LAY-IN CEILING GRID AS SHOWN ON SHEET MP1.1
R-1	14 x 6	SIDEWALL	100-200	STEEL	WHITE	VAR.	NO	NO	PRICE MODEL 635
R-2	12 x 10	SIDEWALL	250-375	STEEL	WHITE	14 x 6	NO	NO	PRICE MODEL 635
R-3	50 x 5	SIDEWALL	900-975	STEEL	WHITE	14 x 6	NO	NO	PRICE MODEL LBP15 B WITH 1/2" MOUNTING FRAME
R-4	24 x 12	CEILING	300	STEEL	WHITE	10 x 8	NO	NO	EXISTING CEILING GRILLE RETURN AIR GRILLE. INSTALL IN NEW LAY-IN CEILING GRID AS SHOWN ON SHEET MP1.1



ROOF DRAIN DETAIL

NO SCALE



ROOF TOP GAS PRESSURE REGULATOR DETAIL

NO SCALE



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BUILDING ADDITION/RENOVATION
JEFFERSON COUNTY COURTS ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, IDAHO

REVISIONS

PROJECT NO, 23003
DATE: JUNE 14, 2023
DRAWN BY: SR /JS
CHECKED BY: DH

DRAWING NO.:

MP2.1

MECHANICAL & PLUMBING SCHEDULES & DETAILS

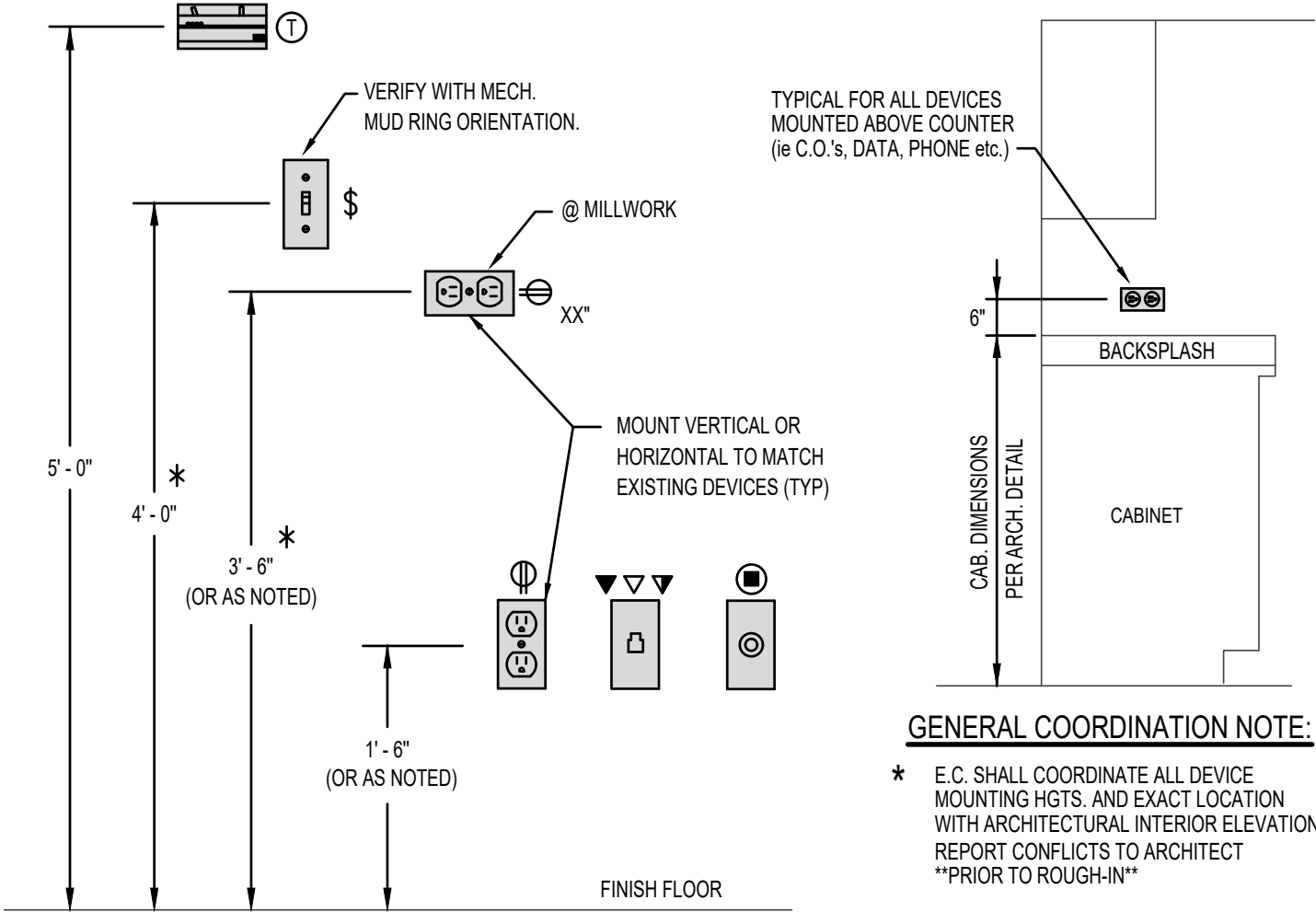
ELECTRICAL SYMBOL SCHEDULE	
	LIGHT FIXTURE
	EMERG. FIXTURE WITH EMERG. BATTERY PACK, CONNECTED TO UNSWITCHED LEG OF LIGHTING CIRCUIT.
	NIGHT LIGHT FIXTURE, CONNECTED FIXTURE TO UNSWITCHED LEG OF LIGHTING CIRCUIT.
	EXIT SIGN, WALL OR CEILING MOUNT & DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS. CONNECT TO UNSWITCHED LEG OF NEAREST LIGHTING CIRCUIT.
	CEILING MOUNTED FIXTURE
	WALL MOUNTED FIXTURE
	RECESSED CAN FIXTURE
	EMERGENCY WALL LIGHT WITH 90MIN. BATTERY
	TRAC LIGHT SYSTEM
	SINGLE POLE SWITCH (SEE SUBSCRIPTS)
	DUAL-LEVEL SWITCHES; IN-BOARD AND OUT-BOARD LAMPS SHALL BE SWITCHED SEPARATELY. (SUBSCRIPT APPLIES TO BOTH SWITCHES)
	3 = 3-WAY 4 = 4-WAY T = EXHAUST FAN TIMER 24 HOUR PROGRAMMABLE TIMER SWITCH T = THERMAL OVERLOAD SWITCH W/PILOT LIGHT P = 1-POLE SWITCH WITH PILOT LIGHT. (SEE SPECS) M = SWITCH SUPPLIED W/ EQUIPMENT (INSTALLED BY E.C.) WP = WEATHERPROOF
	WALL BOX DIMMER SWITCH. (SWITCH TO BE COMPAT. W/LOAD SERVED) LED 0-10V: LEVITON RENJOIR II #AWSMG-7D* W/MATCHING WALL PLATE (* COLOR TO MATCH WIRING DEVICES)
	SWITCH MOUNTED OCCUPANCY SENSOR, LINE VOLTAGE, W/ COVERPLATE, (COLOR TO MATCH WIRING DEVICES) P = PASSIVE INFRARED, 1-POLE [WATTSTOPPER # PW-301] P2 = PASSIVE INFRARED, 2-POLE [WATTSTOPPER # PW-302] D = DUAL TECHNOLOGY, 1-POLE [WATTSTOPPER # DSW-100] D2 = DUAL TECHNOLOGY, 2-POLE [WATTSTOPPER # DSW-200]
	CEILING MOUNTED OCCUPANCY SENSOR BLANK = DUAL TECH., LINE VOLTAGE [WATTSTOPPER #DT-355] L = LARGE AREA, ULTRASONIC LOW VOLTAGE [WATTSTOPPER #WT-2205] H = HALLWAY, ULTRASONIC LOW VOLTAGE [WATTSTOPPER #WT-2255] R = RESTROOM, DUAL TECH., LINE VOLTAGE, 2-POLE [SENSOR SWITCH #CMR-PDT-9-2P], (1) RELAY FOR LTG, (1) RELAY FOR EXHAUST FAN (30 MIN. DELAY) W = ON/OFF/DM WALL OCC. SENSOR, DIMMER SHALL BE COMPATIBLE WITH FIXTURES CONTROLLED. W2 = ON/OFF WALL OCC SENSOR W3 = RESTROOM 2P WALL OCC SENSOR, 1 POLE FOR 277V, LIGHTS, 1POLE FOR 120V FAN *PROVIDE LOW VOLTAGE SENSORS WITH POWER/RELAY PACK(S) AS REQUIRED FOR OPERATION. [WATTSTOPPER #E2-S2]
	PHOTOELECTRIC CELL SWITCH
	TIME CLOCK SWITCH
	PUSHBUTTON (AS INDICATED ON DRAWINGS)
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX OUTLET (4-PLX)
	CEILING MOUNTED DUPLEX RECEPTACLE
	AC=ABOVE COUNTER USB=RECEPTACLE W/USB CHARGER GF=GROUND-FAULT CR=FLUSH MOUNTED CORD REEL, HUBBELL IG=ISOLATED GROUND #HBL125123TL15HBL1PRBOX, INSTALL FLUSH S=SURGE SUPPRESSION WITH LAY-IN CEILING, SUPPORT INDEPENDENT OF TR=UL TEMPER RESISTANT CEILING PER MANUFACTURER. WP=WEATHERPROOF COVER W/GOI RECEPT. TV= RECEPT. FOR TV, SEE ARCH. ELEVATION DWGS FOR MTG. HEIGHT
	4 SQUARE BOX WITH SINGLE GANG MUDRING AND 1" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR CABLING BY OWNER.
	AV OUTLET HUBBELL ENCLOSURE# NSAV62M (1) POWERKIT HBL #NSOKPS, AND (1) 4-PORT DATA PLATE HBL# NSP14W.
	OTHER ITEMS BY E.C.: INSTALL 1 1/4" CONDUIT TO FLOOR BOX, CABLE BY OWNER. INSTALL 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.
	FIRE RATED, MULTI SERVICE POKE THRU, LEGRAND EVOLUTION 8ATC2 WITH 2 DUPLEX RECEPTACLE AND MOUNTING FRAME FOR TWO DATA JACKS, AND ONE HDMI JACK. BOX COVER 8CTC2XX, FINISH BY ARCHITECT. PROVIDE CORE DRILL. INSTALL (1) 1/4" CONDUIT TO AV BOX, (1) 1 1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING AND POWER.
	DISCONNECT SWITCH (SIZE AND TYPE AS INDICATED) F=FUSED DISCONNECT (FUSE PER EQUIP. NAMEPLATE) B=ENCLOSED CIRCUIT BREAKER V=VFD (PROVIDED BY M.C. CONNECTED AND INSTALLED BY E.C.)
	LARGE CAPACITY 2 GANG J-BOX (HUBBELL HBL260) WITH 2 GANG MUDRING AND VANCO 2 GANG CABLE EXIT BRUSH WALL PLATE (VAN 1208). INSTALL 2" CONDUIT FROM BOX DOWN THRU WALL INTO CEILING SPACE OF FLOOR BELOW FOR AV CABLING.
	J-BOX WITH 1" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR SECURITY CAMERA
	BRANCH PANELBOARD
	TELEPHONE / DATA BOARD (GRND AS PER UTIL. CO)
	BRANCH CIRCUIT - CONCEALED
	BRANCH CIRCUIT - IN FLOOR OR UNDERGROUND
	BRANCH CIRCUIT - HOME-RUN TO PANEL
	DRAWING NOTE (ON THE SHEET WHERE SHOWN)
	MECHANICAL EQUIPMENT OR DETAIL SYMBOL
	JUNCTION BOX
	THERMOSTAT W/ 3/4" CONDUIT W/PULL CORD TO MECH. UNIT
	HVAC SYSTEM SENSOR WITH 1/2" CONDUIT WITH PULL CORD TO MECHANICAL UNIT - SEE MECHANICAL
	CROSS LINES SHOW # OF PHASE/NEUTRAL CONDUCTORS IF MORE THAN TWO. EQUIPMENT/ISOLATED GROUNDING CONDUCTORS ARE NOT SHOWN. PROVIDE 'GREEN' EQUIP. GROUNDING CONDUCTOR FOR ALL CIRCUITS AND ADDITIONAL ISOLATED GROUND WHERE INDICATED.
	FAN MOTOR CONNECTION POINT
	MOTOR CONNECTION POINT
	A.F.F. ABOVE FINISHED FLOOR
	B.F.G. BELOW FINISHED GRADE
	E.C. ELECTRICAL CONTRACTOR
	G.C. GENERAL CONTRACTOR
	M.C. MECHANICAL CONTRACTOR
	NL NIGHT LIGHT (CONNECT TO UNSWITCHED LEG OF LTG CIRCUIT)
	N.T.S. NOT TO SCALE
	V.I.F. VERIFY IN FIELD

* SEE MECHANICAL DRAWINGS FOR CONDUIT DESTINATION AND ROUGH-IN BOX MUD RING ORIENTATION.
(1) E.C. SHALL PROVIDE AND INSTALL ALL 0-10V DIMMING CONDUCTORS TO FIXTURES CONTROLLED BY THESE DEVICES.

GENERAL NOTES: (ALL SHEETS)

- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL LAMP TYPES WITH FIXTURE TYPE BEFORE ORDERING.
- ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATION OF ALL MECHANICAL EQUIPMENT AND ELECTRICAL CONNECTIONS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE MINIMUM WORKING CLEARANCE AS PER NEC BEFORE INSTALLING ANY ELECTRIC PANELS OR CABINETS.
- INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOM AFTER THE MECHANICAL EQUIPMENT IS IN PLACE. ADJUST AS NECESSARY. PROVIDE CHAIN SUSPENSION KITS AS REQ'D.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT FIXTURE LOCATIONS, CEILING TYPES, ETC.
- ALL FLUORESCENT FIXTURES SHALL BE SUPPLIED WITH T8 (35K) LAMPS AND ELECTRONIC BALLASTS WITH -20% THD, UNLESS INDICATED OTHERWISE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONCRETE PADS AS REQUIRED ON ALL ELECTRICAL EQUIPMENT.
- CONFIRM EXACT LOCATIONS OF ALL TELEPHONE / DATA OUTLETS WITH OWNER PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL MOUNT SWITCHES AT 48" AND MOUNT CONVENIENCE OUTLETS AT 18" OR AS SHOWN ON PLANS TO MEET HANDICAPPED REQUIREMENTS.
- LOCATE SWITCHES, OUTLETS, ETC., SHOWN AT ROOM ENTRY DOORWAYS, AS CLOSE TO DOOR FRAME AS POSSIBLE, SO AS NOT TO INTERFERE WITH ROOM CABINETS, ETC.
- SUPPORT ALL LIGHT FIXTURES INDEPENDENT OF CEILING.
- E.C. SHALL OBTAIN ALL APPLICABLE PERMITS FOR THIS WORK AND PAY ASSOCIATED FEES.
- MAINTAIN 24" MIN. CLEARANCE FROM ALL COMMUNICATIONS CABLES AND ELECTRONIC BALLASTS.
- E.C. SHALL VISIT THE SITE PRIOR TO BID AND THOROUGHLY INVESTIGATE THE EXISTING CONDITIONS, AS THEY RELATE TO THE SCOPE OF WORK DESCRIBED. MAKE NECESSARY PROVISIONS IN THE BASE BID TO ADEQUATELY ACCOMMODATE THESE CONDITIONS.
- ALL BATTERY EXIT AND EMERGENCY LIGHTING TO BE CONNECT TO THE UNSWITCHED LEG OF THE LIGHTING CIRCUIT IN THE AREA AS PER CODE.
- UNLESS SPECIFICALLY INDICATED OTHERWISE, THE ELECTRICAL CONTR. TO COORDINATE WITH ANY SPECIAL SYSTEMS SUPPLIER / CONTR. EX. BANK EQUIPMENT ETC. THE EXACT ROUGH-IN REQUIREMENTS FOR THERE EQUIPMENT. ALSO UNLESS INDICATED OTHERWISE, THE ELECTRICAL CONTR. TO BE RESPONSIBLE FOR FINAL CONNECTIONS TO ALL SPECIAL EQUIPMENT.
- ALL CONDUIT / RACEWAY / CABLES, TO BE CONCEALED IN WALLS OR ABOVE CEILINGS. IF ANY SURFACE WORK IS NECESSARY, IT SHALL BE APPROVED BY THE ARCHITECT / ENGINEER PRIOR TO.

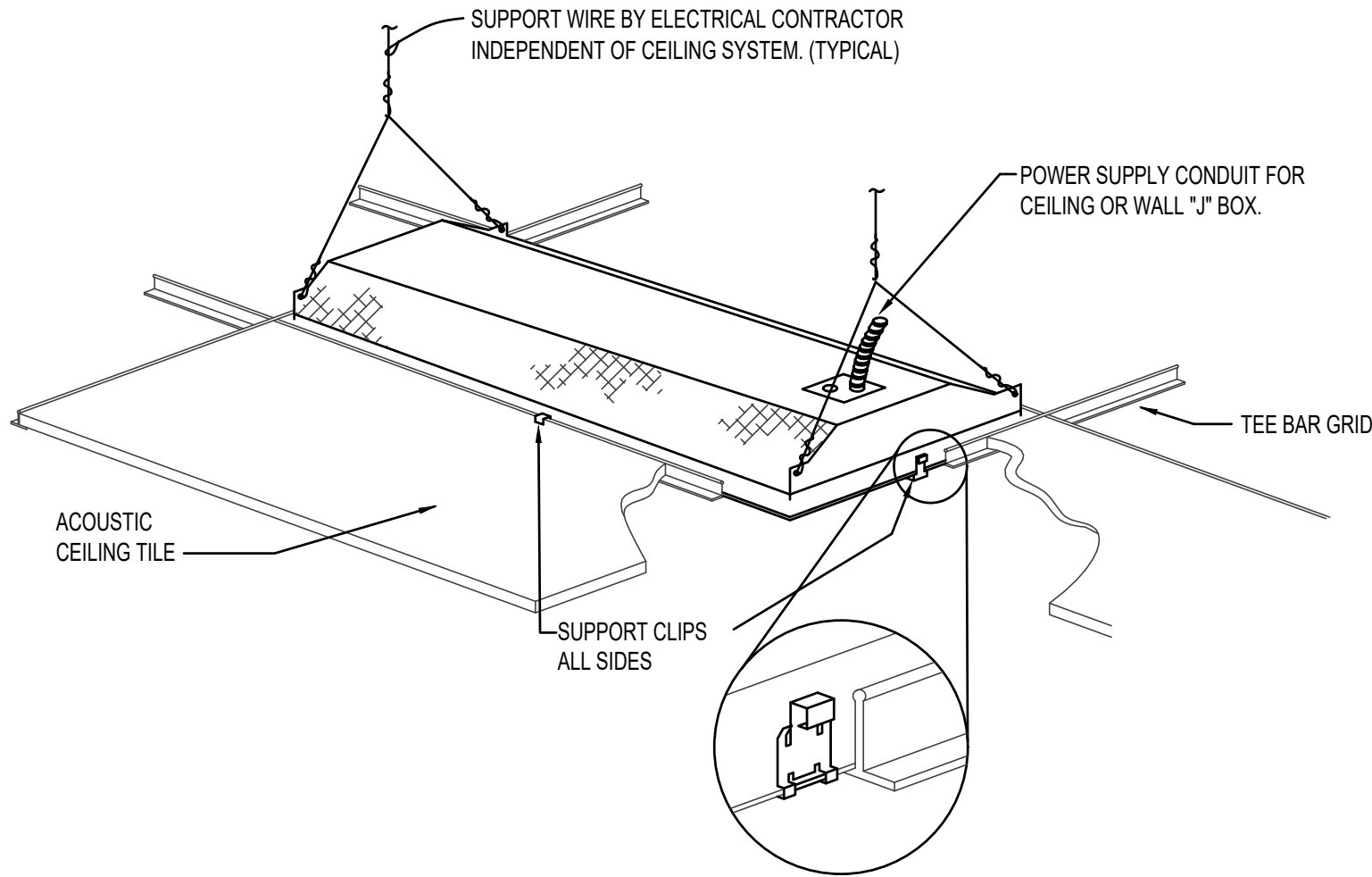
- ① THERMOSTAT OR MECHANICAL SWITCH
\$ LIGHT SWITCH
⊖ CONVENIENCE OUTLET
▼▼▼ TELEPHONE, DATA AND TELEPHONE/DATA OUTLETS
● T.V. OUTLET
- NOTES:
A. ALL MOUNTING HEIGHTS TYPICAL UNLESS NOTED OTHERWISE.
B. COORDINATE OUTLET HEIGHTS WITH ARCHITECTS MILLWORK DWGS. TO INSURE THAT OUTLETS WILL NOT FALL BEHIND CABINETS, BACKSPASHES, OR INTERFERE WITH WAINSCOTING, ETC.
D. ALL SWITCHES AND THERMOSTATS TO BE MOUNTED AS CLOSE TO DOOR JAMBS AS POSSIBLE. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND DETAILS.
- * COORDINATE LIGHT SWITCH & OUTLET HEIGHTS WITH ARCHITECTURAL WAINSCOTING AND OR TILE WORK SO AS NOT TO FALL MIDWAY IN THESE FINISHES.



TYPICAL DEVICE MOUNTING HEIGHTS DIAGRAM
NO SCALE

LIGHT FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MOUNT	VOLT	LAMPS *	MFG.	CATALOG #	NOTES
F1	2x2 LED LAY-IN GRID	RECESSED	120V/277	INCLUDED	LITHONIA	2BLT2-40L-SPD-EZ1-LP840	
F1A	2x2 LED LAY-IN GRID WITH OCC SENSOR	RECESSED	120V/277	INCLUDED	LITHONIA	2BLT2-33L-SPD-EZ1-LP840 MSDPDT7ADCX	
F2	2x4 LED LAY-IN GRID	RECESSED	120V/277	INCLUDED	LITHONIA	2BLT4-60L-SPD-EZ1-LP840	
F2A	2x4 LED LAY-IN GRID WITH OCC SENSOR	RECESSED	120V/277	INCLUDED	LITHONIA	2BLT4-60L-SPD-EZ1-LP840 MSDPDT7ADCX	
F3	1x4 SURFACE LED WRAP	CEILING	120V/277	INCLUDED	LITHONIA	LBL4-60L-EZ1-LP840	
F3A	1x4 SURFACE LED WRAP WITH OCC SENSOR	CEILING	120V/277	INCLUDED	LITHONIA	LBL4-60L-EZ1-LP840-L5XR10	
F4	2' LED WALL UP / DN LIGHT	WALL PER ARCHITECT	120V/277	INCLUDED	FINELITE	S17-LED-ACF-PF-2-SO-4000-SC-120	
F4A	SAME AS F4 EXCEPT 4FT.						
F4B	SAME AS F4 EXCEPT 8FT.						
F5	NON-BATTERY TYPE LED EXIT LT. (SINGLE FACE)	WALL @ 7'-6" OR CLG.	120V/277	INCLUDED	LITHONIA SURELITES	LES W1G 120/277 GX-61-GW	①
F6	EMERGENCY BATTERY WALL PACK UNIT	WALL @ 8'-0" UNLESS NOTED	120V/277	INCLUDED	LITHONIA	AFN-X-PREM	①
F7	EMERGENCY BATTERY WALL PACK UNIT	WALL @ 8'-0" UNLESS NOTED	120V/277	INCLUDED	LITHONIA	ELM2-LED-SD	①
F8	LED STRIP WITH INTEGRAL OCCUPANCY SENSOR.	CEILING	120/277	INCLUDED	GREEN CREATIVE	38.5STRIPDM/830/277V-OCCSENSOR	
F9	STAIR LIGHT WITH OCC SENSOR	CEILING	120V/277	INCLUDED	LITHONIA	WL4-40L-EZ1-LP840-NE5PDT7	
F10	LED STRIP	CEILING	120/277	INCLUDED	GREEN CREATIVE	38.5STRIPDM/830/277V	
F11	6" LED DOWNLIGHT	RECESSED	120V/277	INCLUDED	LITHONIA	LDN6-40-15-L06-AR-LSS-MVOLT-EZ10	
F12	LED CLOSET LIGHT WITH OCC SENSOR	CEILING	120	INCLUDED	LEVITON	8864-LED	②
F13	EXTERIOR WALL MOUNT	WALL PER ARCHITECT	120V/277	INCLUDED	LITHONIA	OLWX1LED-40W-40K	
F14	NEW LED POLE LIGHT WITH FIXTURE AND POLE.	POLE HGT TO MATCH EXISTING	120V/277	INCLUDED	LITHONIA	DSXOLED-40C-700-40K-T3MMVOLT-SPA-CBA SSS-2545-QM19AS-CBA	
F15	6" RECESSED CAN WET LOCATION	RECESSED	120V/277	INCLUDED	LITHONIA	LDN6-40-05-L06-AR-LSS-MVOLT-GZ10	

- FIXTURE NOTES:
① CONNECT ALL EXIT AND EMERGENCY LIGHTS TO UNSWITCHED LEG OF EMERGENCY POWER LIGHTING CIRCUIT IN AREA.
② THE SUFFIX "EM" DENOTES A FIXTURE TO BE SUPPLIED WITH A BODINE GTO EMERGENCY TRANSFER DEVICE. CONNECT FIXTURES TO OPERATE WITH SURROUNDING FIXTURES UNDER NORMAL OPERATING CONDITIONS. CONNECT TO BOTH NORMAL POWER AND NEAREST EMERGENCY POWER. EC SHALL VERIFY FIXTURE COMPATIBILITY PRIOR TO ORDERING. IF FIXTURE IS POWERED BY EMERGENCY CIRCUIT, E.C. SHALL INSTALL A NORMAL POWER SENSING CIRCUIT TO EMERGENCY TRANSFER DEVICE.
③ CONNECT ALL F12 CLOSET LIGHT FIXTURES TO NEAREST SOURCE OF UNSWITCHED 120V. POWER.



RECESSED LIGHT FIXTURE MOUNTING DETAIL
NO SCALE

ORIGINAL SIGNED BY:
TODD E. PAYNE
DATED ORIGINAL SIGNED:
6-14-2023
ON FILE AT:
PAYNE ENGINEERING INC.

PROFESSIONAL ENGINEER
REGISTERED
8270
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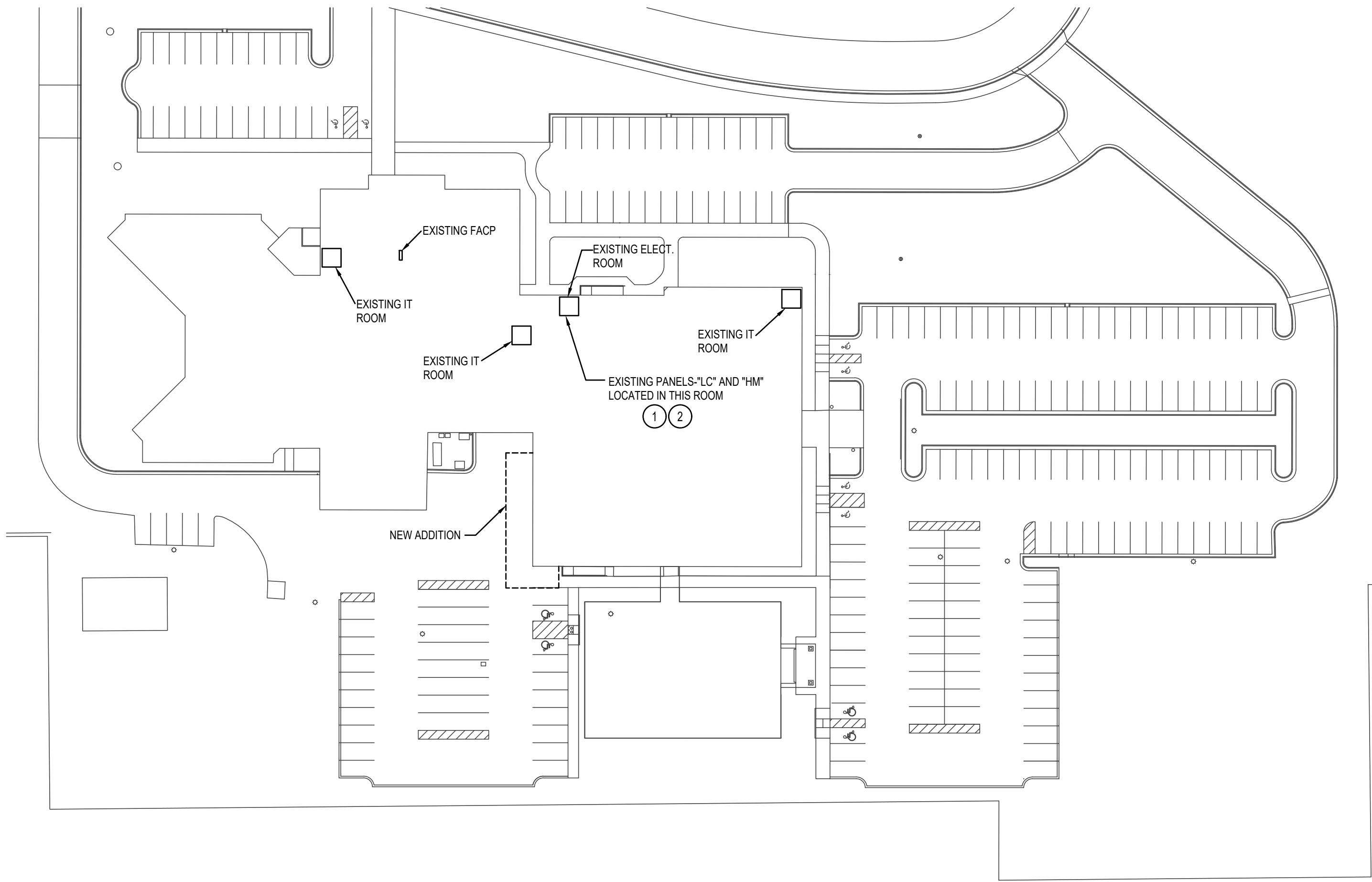
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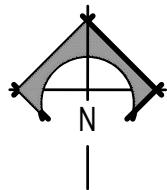
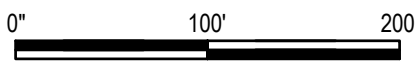
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SITE PLAN - ELECTRICAL

SCALE: 1" = 100' - 0"



KEY NOTES

- 1 PROVIDE AND INSTALL (11) 20A 1P BREAKERS IN EXISTING PANEL-"LC" FOR NEW RECEPTACLE LOADS. UTILIZE TANDEM BREAKERS IF NECESSARY.
- 2 PROVIDE AND INSTALL (1) 20A 3P BREAKER IN EXISTING PANEL-"HM" FOR NEW ROOF TOP UNIT.

nbw architects p.a.
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BUILDING ADDITION/RENOVATION
JEFFERSON COUNTY COURTHOUSE ADDITION
JEFFERSON COUNTY COURTHOUSE
RIGBY, ID.

ELECTRICAL SITE PLAN

PROJECT:
SHEET TITLE

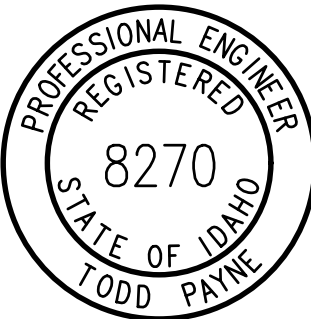
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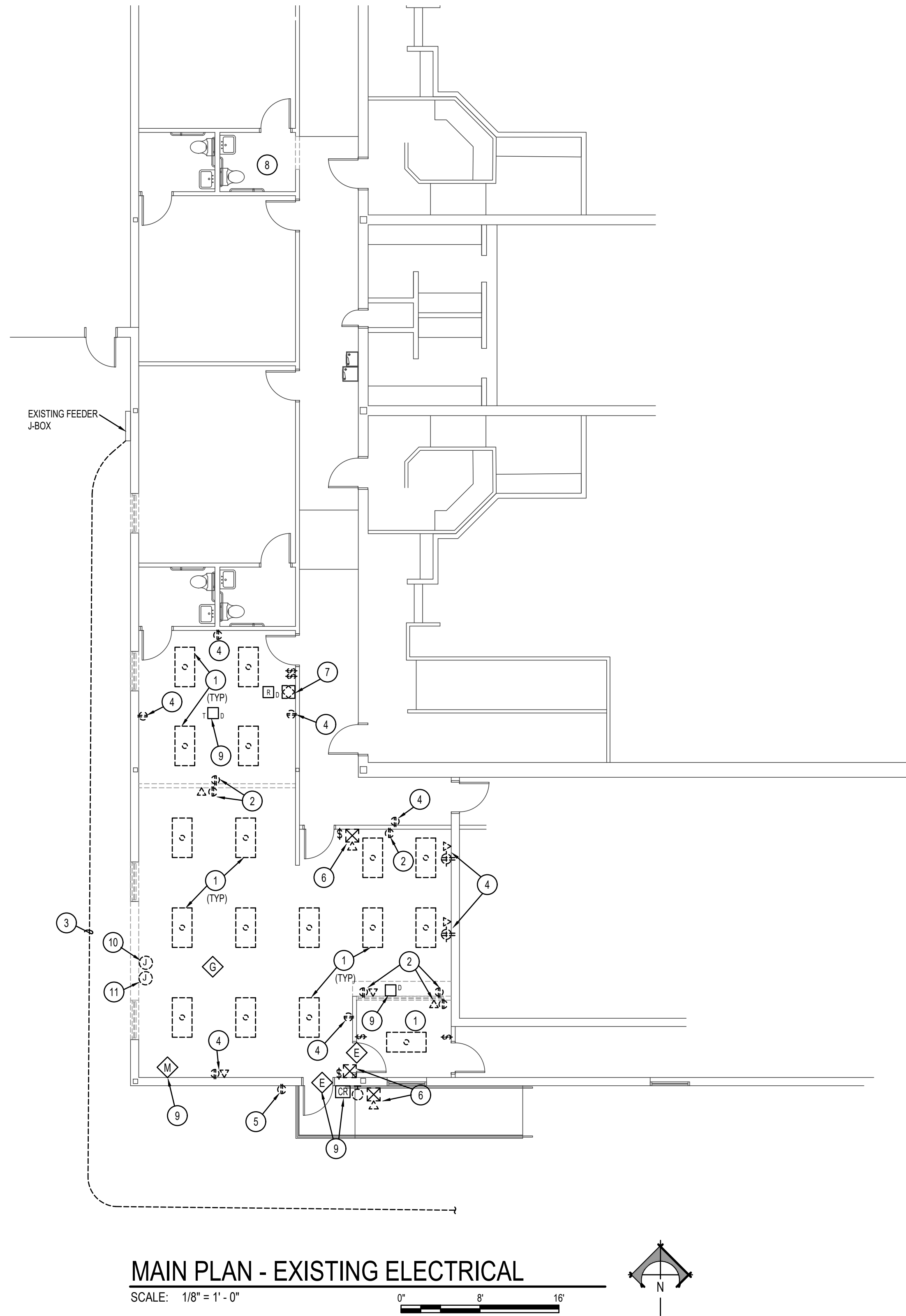
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KEY NOTES

- 1 DISCONNECT AND REMOVE EXISTING LIGHTING IN CONFLICT WITH REMODEL. MAINTAIN CIRCUIT IN AREA FOR NEW LIGHTING. REMOVE ALL ASSOCIATED CONDUIT AND CONTROLS.
- 2 DISCONNECT AND REMOVE EXISTING WALL DEVICE IN CONFLICT WITH REMODEL. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO NEXT ACTIVE BOX OR SOURCE AND LABEL SPARE. MAINTAIN OR REESTABLISH ELECTRICAL SERVICE TO ALL REMAINING DEVICES.
- 3 EXISTING FEEDER TO ANNEX, APPROX. 36" BFG. E.C. SHALL CAREFULLY EXCAVATE AND EXPOSE. PROTECT DURING CONSTRUCTION.
- 4 EXISTING DEVICE TO REMAIN. PROTECT AND/OR REESTABLISH ELECTRICAL SERVICE. REPLACE DEVICE AND COVER PLATE WITH NEW.
- 5 EXISTING GFCI OUTLET TO REMAIN.
- 6 EXISTING FA DEVICE TO REMAIN. MAINTAIN OR RESTORE CONNECTIVITY TO FA SYSTEM.
- 7 DISCONNECT AND REMOVE EXISTING FA DEVICE IN CONFLICT WITH REMODEL.
- 8 PROTECT AND MAINTAIN ALL EXISTING ELECTRICAL IN THIS ROOM.
- 9 OWNER WILL REWORK ACCESS CONTROL AND SECURITY UNDER SEPARATE CONTRACT. E.C. SHALL PROTECT, MAINTAIN AND COORDINATE WITH OWNER.
- 10 (3) 20A 1P CIRCUITS FROM PANEL "LB". EXTEND THESE CIRCUITS TO NEW POWER POLE. SEE NEW LAYOUT.
- 11 (2) 1" CONDUITS TO COMM. ROOM.

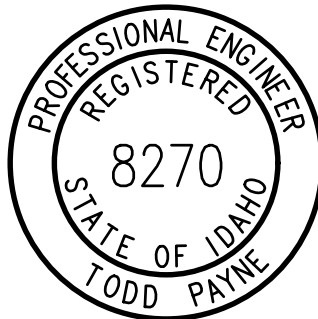
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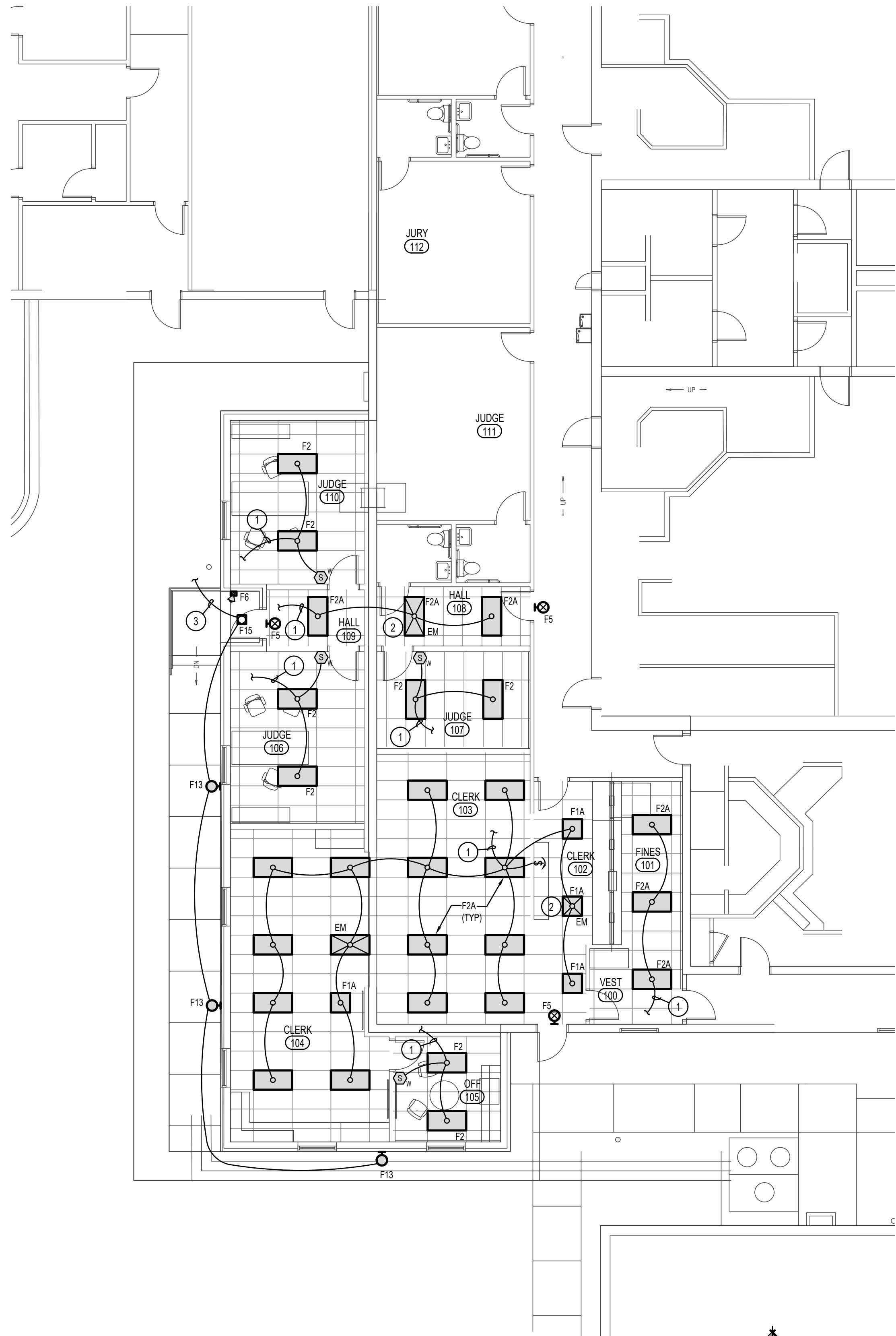
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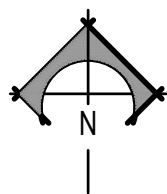
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MAIN PLAN - LIGHTING

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

0" 8" 16"



SPECIAL NOTE:

IN GENERAL SWITCH LEG CONDUCTORS ARE NOT SHOWN. E.C. SHALL PROVIDE AND INSTALL CONDUCTORS AS REQUIRED TO ACHIEVE DESCRIBED CONTROL SCHEMES, INCLUDING ALL 0-10V. CONTROL WIRING.

KEY NOTES

1. CONNECT TO EXISTING LIGHTING CIRCUIT. PROVIDE NEW FIXTURES AS SHOWN.
2. CONNECT EM FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUIT IN AREA.
3. CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS.

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JEFFERSON COUNTY COURTHOUSE
RIGBY, ID.

ELECTRICAL LIGHTING PLAN

PROJECT: SHEET TITLE

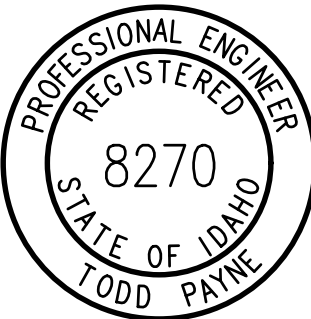
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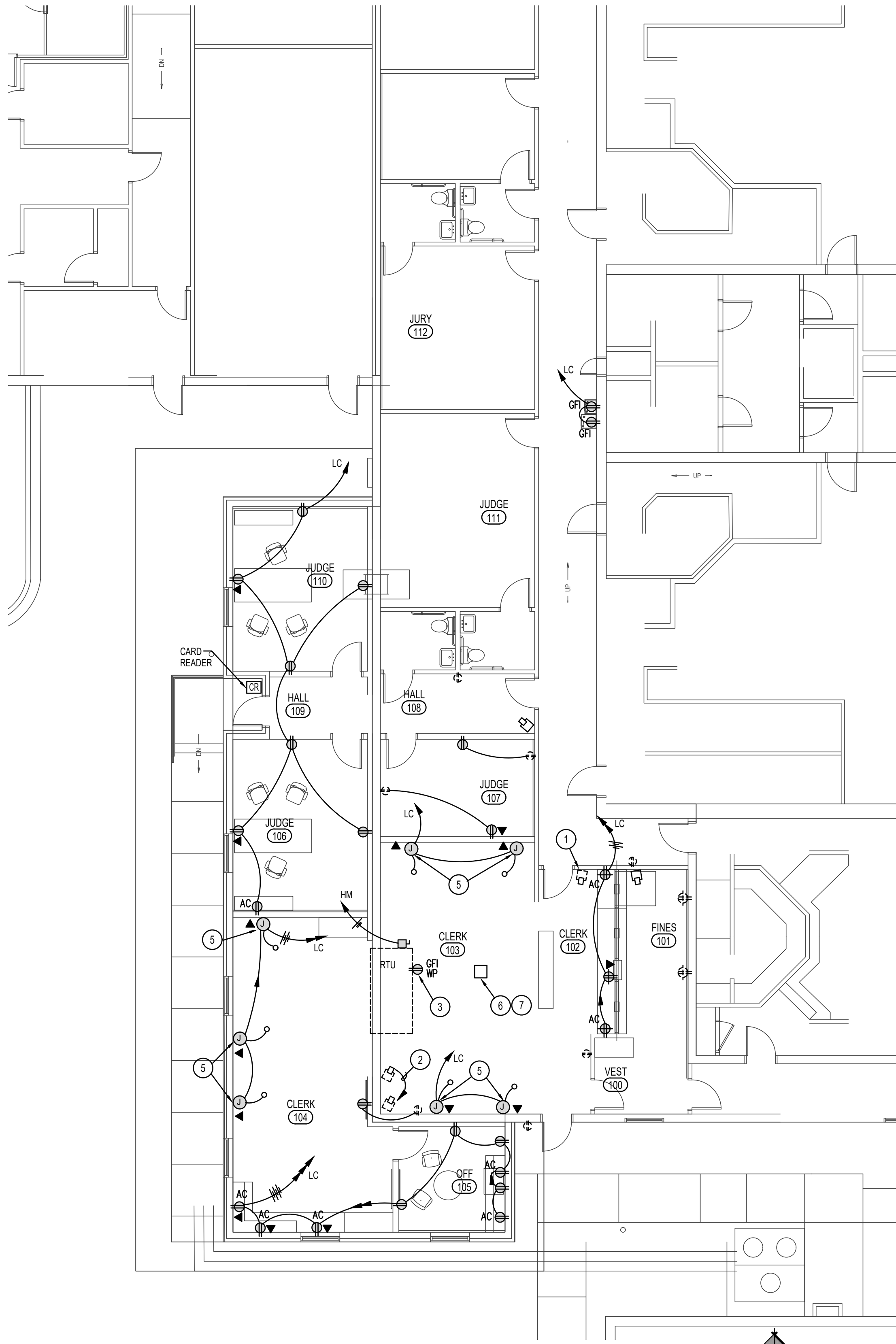
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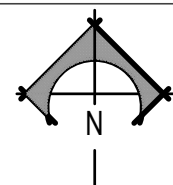
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MAIN PLAN - POWER

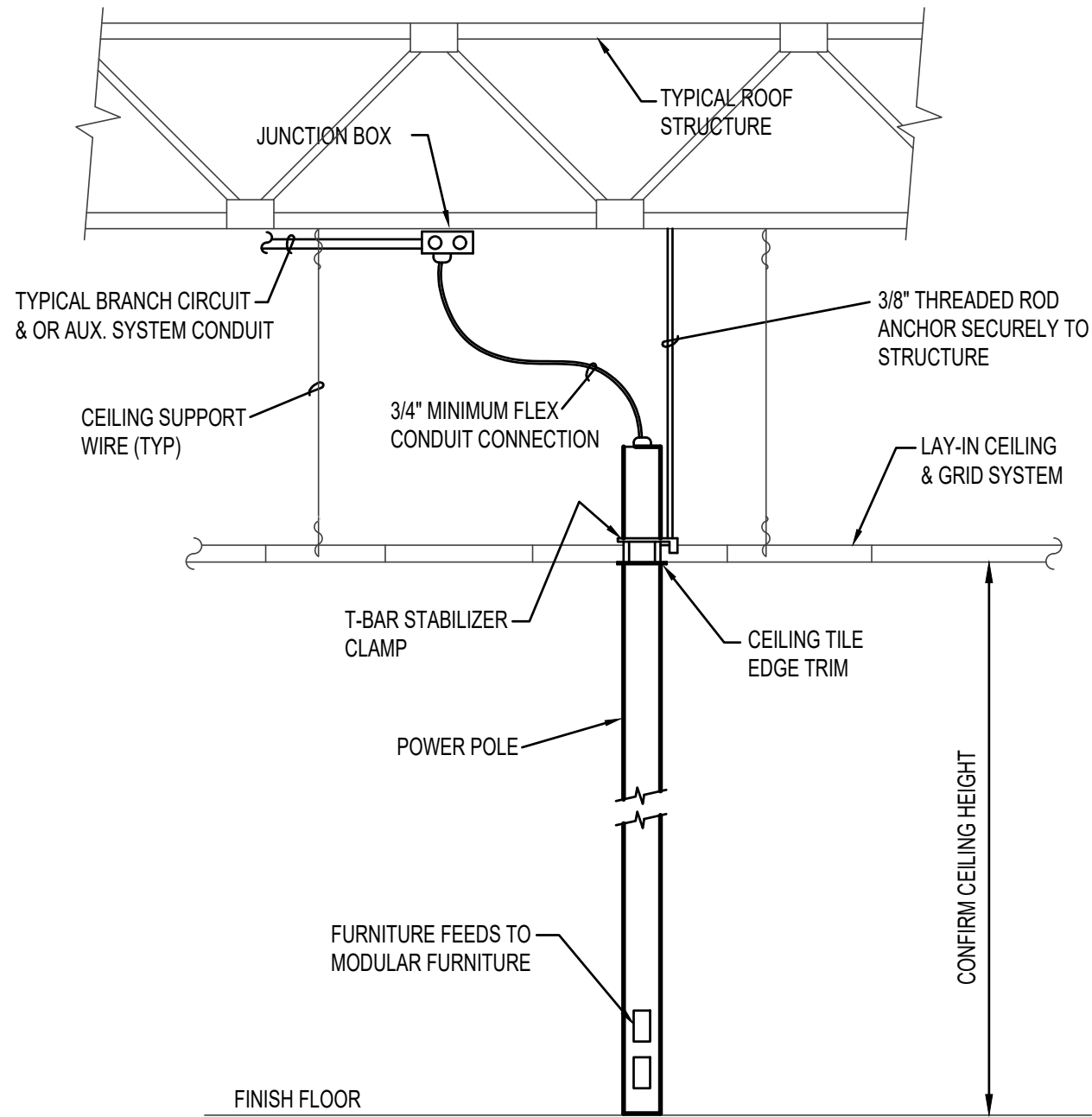
SCALE: 1/8" = 1' - 0"

0" 8' 16'



KEY NOTES

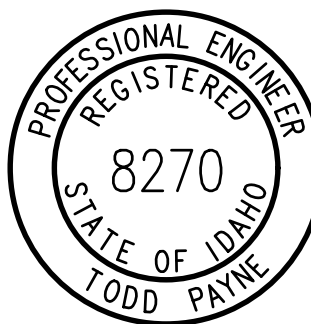
- 1 REMOVE THIS EXISTING CAMERA AND PROTECT DURING CONSTRUCTION, THEN REINSTALL IN SAME LOCATION.
- 2 REMOVE THIS EXISTING CAMERA, THEN RELOCATE TO THIS LOCATION.
- 3 CONNECT TO RECEPTACLE CIRCUIT BELOW.
- 4 MAKE ALL REQUIRED CONNECTIONS TO RTU.
- 5 J-BOX WITH FURNITURE FEED TO MODULAR FURNITURE SUPPLIED BY OWNER. E.C. SHALL MAKE ALL REQUIRED CONNECTIONS. COORDINATE LOCATIONS WITH FURNITURE PRIOR TO ROUGH-IN.
- 6 POWER/DATA POLE WITH FURNITURE FEED TO MODULAR FURNITURE. E.C. SHALL MAKE ALL REQUIRED CONNECTIONS. COORDINATE LOCATION WITH FURNITURE PRIOR TO ROUGH-IN. EXTEND (3) 20A CIRCUITS FROM PANEL "LB". SEE KEY NOTE #10 E1.2
- 7 NEW POWER DATA POLE SUCH AS LEGRANDE 30TC-4WH. PROVIDE ALL NECESSARY ACCESSORIES AND COMPONENTS TO ACCOMMODATE FURNITURE CONNECTIONS FOR DATA AND POWER.



POWER/DATA POLE MOUNTING DETAIL

NO SCALE

ORIGINAL SIGNED BY:
TODD E. PAYNE
DATED ORIGINAL SIGNED:
6-14-2023
ON FILE AT:
PAYNE ENGINEERING INC.



P.E. JOB #2371

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BUILDING ADDITION/RENOVATION

JEFFERSON COUNTY COURTHOUSE ADDITION

JEFFERSON COUNTY COURTHOUSE
RIGBY, ID.

PROJECT:

REVISIONS

PROJECT NO.:
23003
DATE:
JUNE 2023
DRAWN BY:
MP
CHECKED BY:
TP

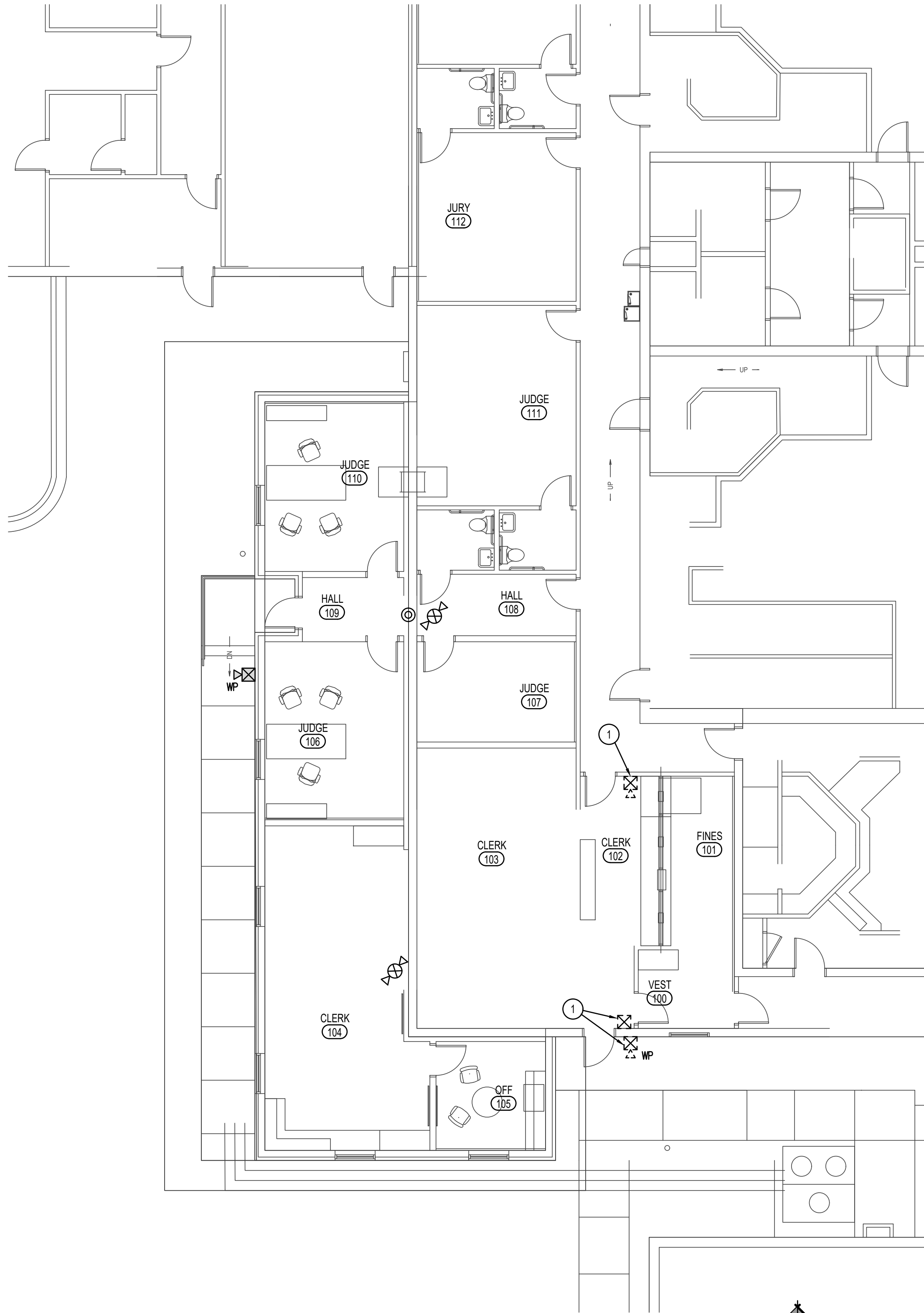
DRAWING NO.:

E3.0

nbnw architects p.a.
ARCHITECTURE / PLANNING / INTERIORS
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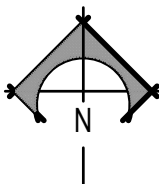
ELECTRICAL POWER PLAN

SHEET TITLE



MAIN PLAN - FIRE ALARM

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



FIRE ALARM SYMBOL SCHEDULE	
[FACP]	FIRE ALARM CONTROL PANEL (PROVIDE (2) DEDICATED PHONE LINES) MOUNT TOP @ 6'-0".
[VEP]	FIRE ALARM VOICE EVACUATION PANEL, PROVIDE CONNECTION TO FACP AS REQUIRED. MOUNT TOP @ 6'-0".
[NAC]	NOTIFICATION APPLIANCE EXTENDER PANEL(S), PROVIDE NUMBER OF PANELS AS REQUIRED TO MEET CURRENT NFPA 72 VOLTAGE DROP CALCULATIONS. MOUNT TOP @ 6'-0".
[ANN]	FIRE ALARM ANNUCIATOR PANEL (VERIFY LOCATION WITH LOCAL AHJ PRIOR TO ROUGH-IN) PANEL SHALL BE FLUSH MOUNTED TOP @ 5'-0".
## [Horn]	WALL MOUNTED HORN/STROBE (## = CANDELA RATING)
## [Strobe]	WALL MOUNTED STROBE ONLY (## = CANDELA RATING)
## [Horn/Strobe]	CEILING MOUNTED HORN/STROBE (## - STROBE CANDELA RATING)
## [Strobe]	CEILING MOUNTED STROBE ONLY (## - STROBE CANDELA RATING)
## [Horn]	WALL MOUNTED HORN ONLY
[Horn/Strobe]	CEILING MOUNTED HORN ONLY
[Bell]	WALL MOUNTED FIRE ALARM BELL, MOUNT @ 10'-0"
[LED]	FIRE ALARM LED INDICATOR LIGHT
[T]	T = REMOTE TEST STATION FOR DUCT DETECTOR
[MPS]	MANUAL PULL STATION
[PSD]	PHOTOELECTRIC SMOKE DETECTOR
[D]	D = DUCT DETECTOR
[ID]	ID = IN-DUCT DETECTOR
[M]	M = MULTI-STATION DETECTOR (120V W/ BATTERY BACKUP) GENTEX# S1209F OR EQUAL.
[H]	HEAT DETECTOR
[MDO]	MAGNETIC DOOR HOLD-OPEN
[AMM]	ADDRESSABLE MONITORING MODULE
[TS]	TAMPER SWITCH (VERIFY EXACT NUMBER W/ FIRE SPRINKLER CONTR.)
[FS]	FLOW SWITCH (VERIFY EXACT NUMBER W/ FIRE SPRINKLER CONTR.)
[RM]	FIRE ALARM RELAY MODULE
[SD]	FIRE/SMOKE DAMPER

KEY NOTES

- 1 EXISTING FA DEVICES IN THIS AREA TO REMAIN.

FIRE ALARM EXPANSION NOTES:

- A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EXPAND THE EXISTING SIMPLEX GRINNELL FIRE ALARM SYSTEM. THE SYSTEM ADDITION SHALL BE CONNECTED DIRECTLY TO THE EXISTING MAIN FIRE ALARM PANEL. THE INSTALLATION SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND ACCEPTED BY THE LOCAL AHJ. WHEN THE SYSTEM IS COMPLETE, A FACTORY REPRESENTATIVE SHALL TEST THE SYSTEM, MAKE ADJUSTMENTS AND PLACE THE SYSTEM IN OPERATING ORDER.
- B. WITHIN 30 DAYS AFTER THE CONTRACT AWARD AND PRIOR TO THE PURCHASE OF ANY EQUIPMENT, THE FIRE ALARM SYSTEM CONTRACTOR SHALL SUBMIT FOR APPROVAL SIX (6) COPIES OF THE FOLLOWING:
- A LIST OF MATERIALS THAT ARE TO BE USED ON THE PROJECT, INCLUDING MANUFACTURER, MODEL NUMBER AND TECHNICAL INFORMATION.
 - PRELIMINARY CIRCUIT DIAGRAMS SHOWING INTERCONNECTION OF ALL MONITORING, NOTIFICATION AND ANNUNCIATION DEVICES, PANELS AND WIRING COUNTS. DIAGRAMS ARE TO BE 11"x17", DONE IN A GOOD WORKMANLIKE MANNER.
 - TECHNICAL MANUALS FOR ALL OF THE EQUIPMENT THAT IS TO BE USED ON THE PROJECT.
 - SUBMIT SHOP DRAWINGS AND REQUIRED CALCULATIONS TO THE LOCAL AHJ. OBTAIN A WRITTEN LETTER OF ACCEPTANCE OF THE PROPOSED SYSTEM AND INCLUDE WITH THE SHOP DRAWING SUBMITTAL TO THE ENGINEER.
- C. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED POWER SUPPLIES, ELECTRONICS AND CONNECTIONS TO MODIFY EXISTING SYSTEM TO ACCEPT NEW ADDITION. THE COMPLETE SYSTEM SHALL MAINTAIN A UL LISTING.
- D. ELECTRICAL CONTRACTOR SHALL INCLUDE A \$5000.00 CASH ALLOWANCE IN THE BID FOR MISCELLANEOUS ADDITIONS AND/OR REQUIREMENTS IMPOSED BY THE LOCAL AHJ.

BUILDING ADDITION/RENOVATION

JEFFERSON COUNTY COURTHOUSE ADDITION

JEFFERSON COUNTY COURTHOUSE
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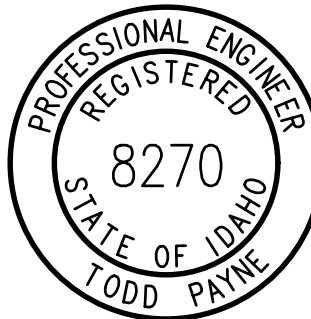
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FIRE ALARM PLAN

ORIGINAL SIGNED BY:
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DATED ORIGINAL SIGNED:
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