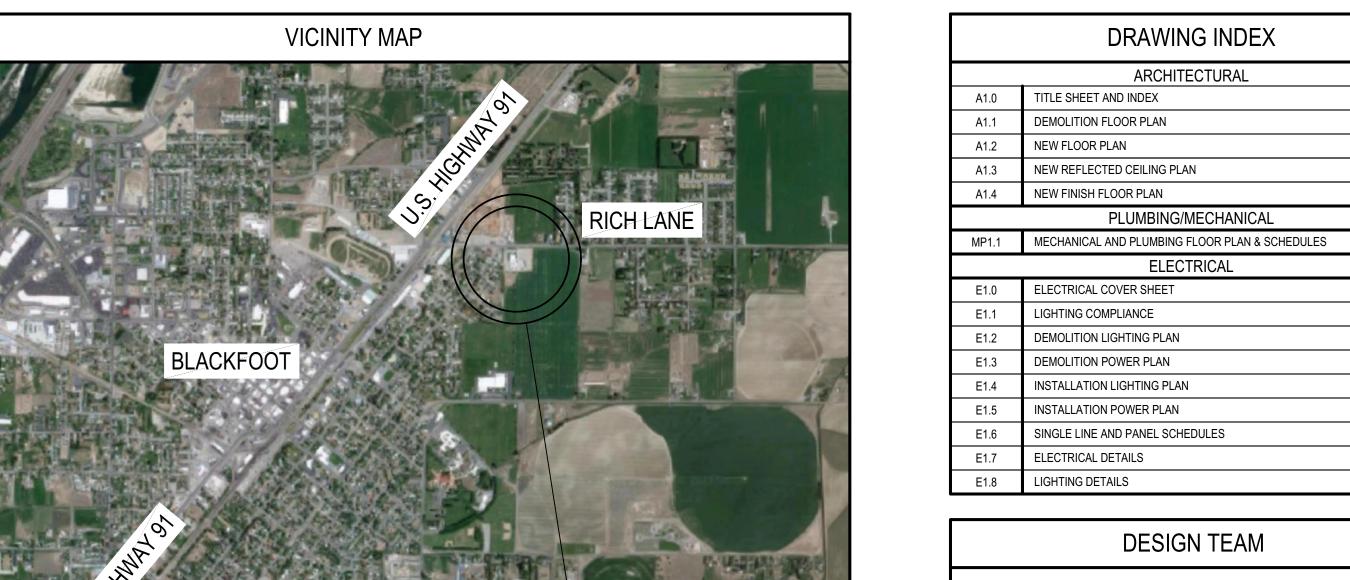


DPW PROJECT NO. 23-332

# BLACKFOOT READINESS CENTER

260 RICH LANE BLACKFOOT, IDAHO 83221 These plans have been reviewed for code compliance based on the submitted documents and plan sheets, and have been found, to be, substantially code compliant, all other code compliance requirements shall be completed through field inspections, verifications, and approvals by the field building inspector. See Plan Review notes: The plan review notes shall

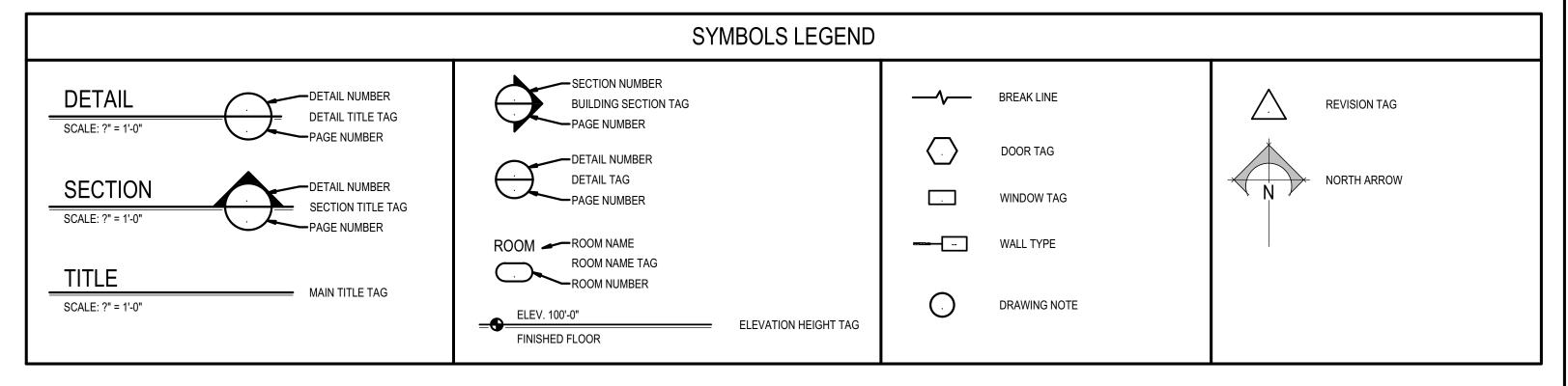
always be attached to the stamped approved plans and documents. These are part of the plans and shall be a permanent record with the plans. Inspection shall not take place without a complete set of the Idaho Division of Occupational and Professional Licenses (IDOPL) plan review notes and approved, stamped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

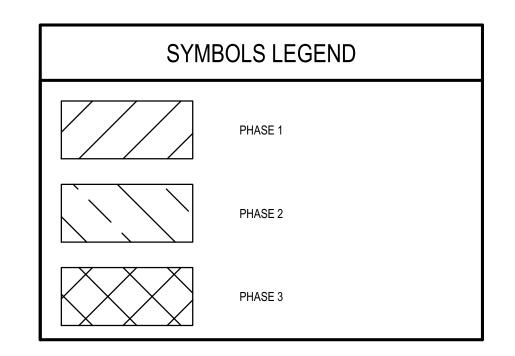


PROJECT LOCATION 260 RICH LANE BLACKFOOT, IDAHO 83221

	DRAWING INDEX
	ARCHITECTURAL
A1.0	TITLE SHEET AND INDEX
A1.1	DEMOLITION FLOOR PLAN
A1.2	NEW FLOOR PLAN
A1.3	NEW REFLECTED CEILING PLAN
A1.4	NEW FINISH FLOOR PLAN
	PLUMBING/MECHANICAL
MP1.1	MECHANICAL AND PLUMBING FLOOR PLAN & SCHEDULES
	ELECTRICAL
E1.0	ELECTRICAL COVER SHEET
E1.1	LIGHTING COMPLIANCE
E1.2	DEMOLITION LIGHTING PLAN
E1.3	DEMOLITION POWER PLAN
E1.4	INSTALLATION LIGHTING PLAN
E1.5	INSTALLATION POWER PLAN
E1.6	SINGLE LINE AND PANEL SCHEDULES
E1.7	ELECTRICAL DETAILS
E1.8	LIGHTING DETAILS

NBW ARCHITECTS, P.A. IDAHO FALLS, IDAHO 83203 TELEPHONE: (208) 522-8779 FAX: (208) 522-8785 MECHANICAL ENGINEER: DAVE HANSEN, P.E. **ENGINEERED SYSTEMS ASSOCIATES** 1355 EAST CENTER POCATELLO, IDAHO 83201 TELEPHONE: (208) 233-0501 ELECTRICAL ENGINEER: MATT BRADLEY, P.E. MUSGROVE ENGINEERING, P.A. 645 WEST 25th STREET IDAHO FALLS, ID. 83402 TELEPHONE: (208) 523-2862



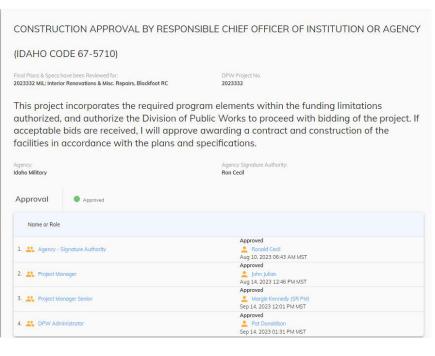


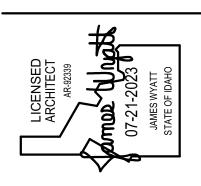
19B

PHASING PLAN

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

19C



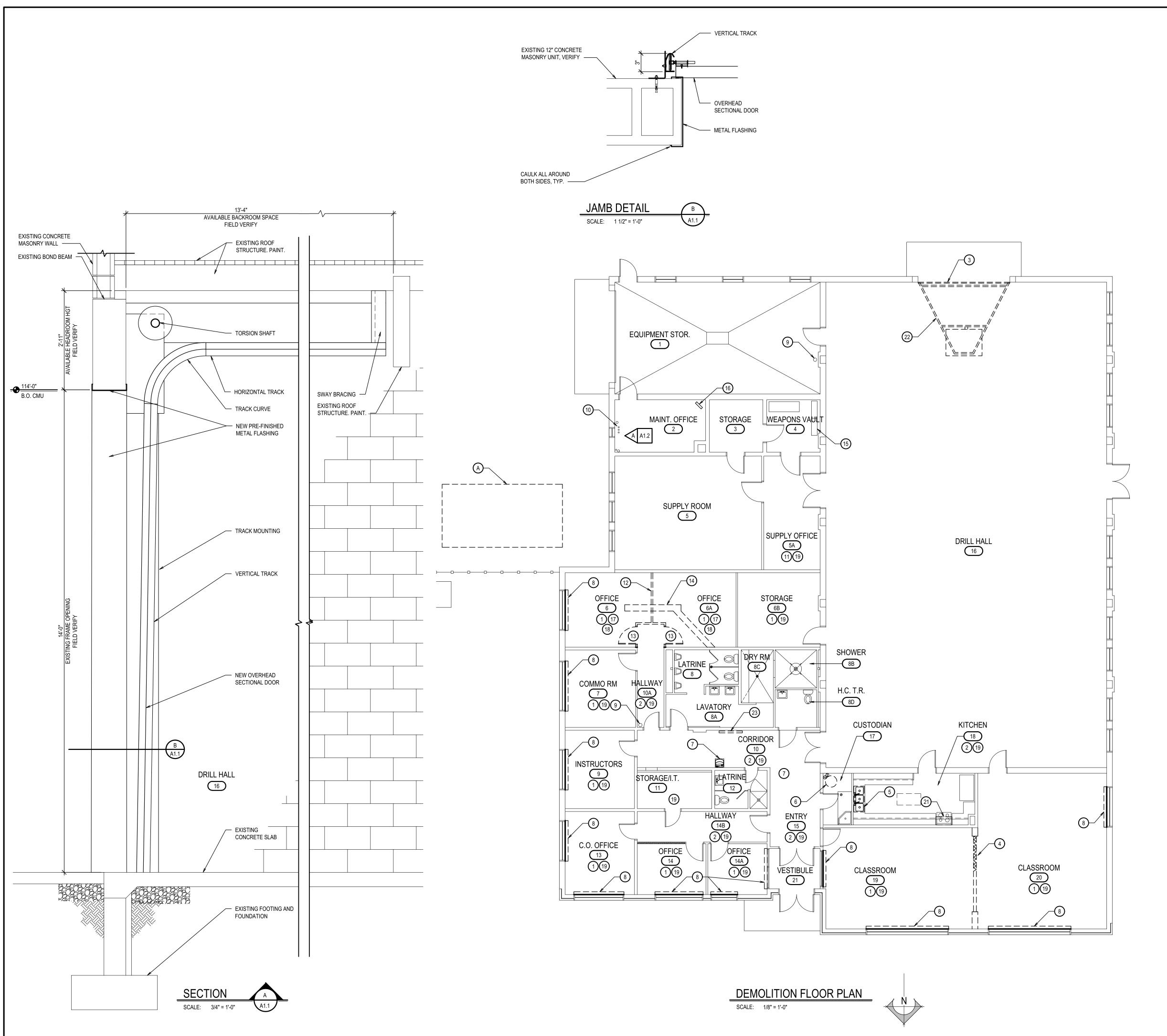


CENTER

REVISIONS

NBW PROJECT NO.: SEPTEMBER 2023 DRAWN BY: CHECKED BY:





# **GENERAL NOTES**

- GENERAL CONTRACTOR IS REQUIRED TO PATCH AND REPAIR (WHETHER SO NOTED OR NOT) ALL EXISTING SURFACE AREAS AS REQUIRED BY DEMOLITION AND/OR TO COORDINATE SUCH REPAIR WORK WITH SUB-CONTRACTORS.
- PROTECT ALL EXISTING-TO REMAIN ITEMS (WHETHER SO NOTED OR NOT) AND PROTECT ITEMS TO BE REMOVED AND REINSTALLED. REPAIR/REPLACE THESE ITEMS IF DAMAGED DURING CONSTRUCTION.
- ALL ITEMS NOTED TO BE REMOVED INCLUDING ALL DEMOLISHED CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE AND BE DISPOSED OF AS PER CURRENT CODES, LAWS AND

REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA).

- 4. SAW CUT AND PATCH EXISTING CONCRETE FLOOR AS REQUIRED TO INSTALL NEW UNDER SLAB UTILITIES.
- PROTECT EXISTING EXTERIOR CONCRETE / ASPHALT FROM DAMAGE DURING CONSTRUCTION. REPLACE DAMAGED MATERIALS TO MATCH
- REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, COORDINATION AND DEMOLITION WORK.
- CONTRACTOR TO MAINTAIN ACCESS TO LATRINE ROOM NO.8, H.C. TOILET ROOM NO.8D AND LATRINE ROOM NO. 12 AT ALL TIMES.
- . THE OWNER IS RESPONSIBLE FOR THE REMOVAL OF ALL WALL MOUNTED ITEMS INCLUDING BUT NOT LIMITED TO PICTURES, TV, WHITE BOARDS, FILE ORGANIZERS, DOOR DECALS, WINDOW BLINDS, DOOR SIGNAGE, TOILET ROOM ACCESSORIES ETC.

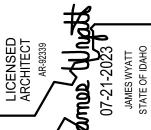
# **OKEYNOTES**

# BASE BID

- REMOVE CARPET, RUBBER BASE, AND ADHESIVES COMPLETE AND PREPARE FLOOR FOR NEW FLOOR FINISH
- REMOVE EXISTING VINYL COMPOSITE TILES, RUBBER BASE, AND ADHESIVES COMPLETE AND PREPARE FLOOR FOR NEW FLOOR FINISH
- 3. REMOVE OVERHEAD DOOR
- REMOVE FOLDING PARTITION COMPLETE, INCLUDING COLUMNS ON BOTH SIDES, BEAM ABOVE AND WALLS ON EACH SIDE.
- 5. REMOVE 3-COMPARTMENT SINK
- 6. REMOVE EXISTING WATER HEATER, SEE PLUMBING DRAWINGS
- 7. EXISTING DRINKING FOUNTAIN
- 8. THE OWNER IS RESPONSIBLE FOR REMOVING EXISTING WINDOW BLINDS. AFTER BLIND REMOVAL, THE CONTRACTOR IS RESPONSIBLE FOR PATCHING, REPAIRING AND PREPARING THE WALL TO RECEIVE NEW WINDOW BLINDS.
- 9. EXISTING FIRE EXTINGUISHER
- EXISTING WATER RISER
- 11. PREPARE FLOOR FOR NEW FINISHES
- 12. REMOVE WALL TO EXTENT SHOWN
- 13. REMOVE DOOR AND FRAME COMPLETE. SAVE FOR RE-INSTALLATION IN NEW LOCATION
- 14. CUT CONCRETE SLAB FOR INSTALLATION OF ENTERTAINMENT BOXES
- 15. EXISTING GUN RACKS
- 16. REMOVE EXISTING ELECTRIC UNIT HEATER
- 17. REMOVE EXISTING CEILING SYSTEM AND LIGHT FIXTURES COMPLETE
- 18. REMOVE EXISTING CEILING DIFFUSERS AND STORE FOR RE-INSTALLATION, REMOVE CEILING REGISTER
- 19. REMOVE EXISTING LIGHT FIXTURES
- 20. EXISTING OVERHEAD DOOR TO BE SERVICED AND TO RECEIVE NEW GASKETS ALL AROUND.
- 21. REMOVE EXISTING OVER-THE-RANGE HOOD
- 22. REMOVE CEILING SUSPENDED BASKETBALL BACKSTOP COMPLETE
- 23. REMOVE EXISTING T.V. AND STORE IN SAFE LOCATION FOR RE-INSTALLATION IN NEW LOCATION

# **ALTERNATE NO.1**

A. PREPARE SITE FOR NEW CONCRETE PAD, VERIFY LOCATION WITH OWNER



CTS D. A. G. / I. N. T. E. R. I. O. R. S. O. FRLLS, IDRHO 83403-2212

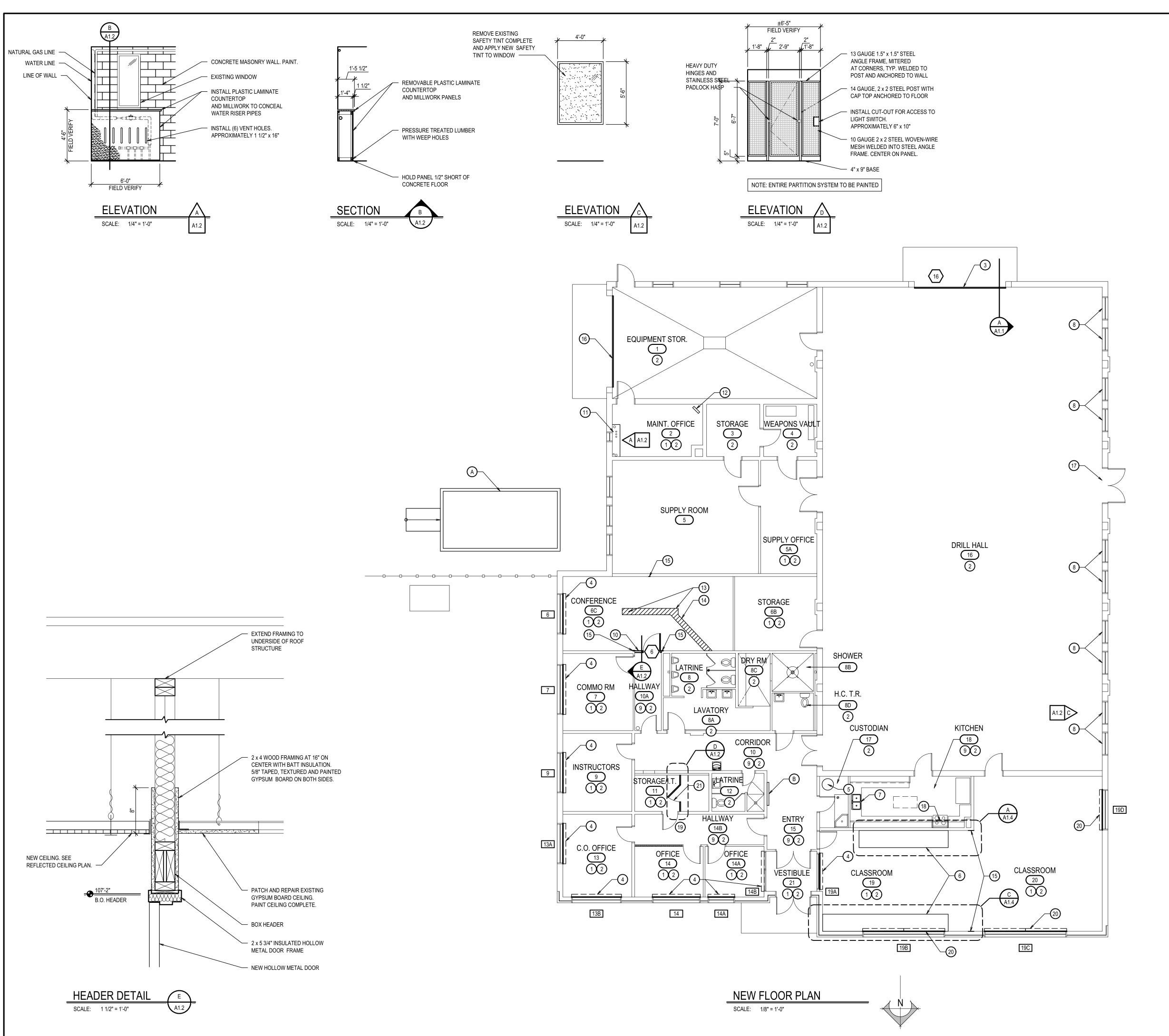
DPW NO. 23 READ ACKFO

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REVISIONS

NBW PROJECT NO.: 23004 DATE: SEPTEMBER 2023 DRAWN BY: CHECKED BY:





# **GENERAL NOTES**

- 1. INTERIOR DIMENSIONS ARE FROM FACE OF EXTERIOR WALL FRAMING TO CENTER OF INTERIOR WALL FRAMING.
- 2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, COORDINATION, AND DEMOLITION WORK.

# ○ KEYNOTES

## BASE BID

- 1. INSTALL NEW CARPET AND BASE
- 2. PREPARE WALLS TO RECEIVE NEW PAINT. PAINT ROOM COMPLETE. PAINT DOOR AND DOOR FRAMES COMPLETE.
- 3. INSTALL NEW OVERHEAD DOOR
- 4. INSTALL NEW ROLLER SHADES. PATCH AND REPAIR ANY DAMAGE, HOLES THAT OCCURRED AS A RESULT OF REMOVING EXISTING ROLLER SHADES PRIOR TO INSTALLING NEW ROLLER SHADES.
- 5. INSTALL NEW WATER HEATER
- 6. INSTALL NEW WORK STATIONS, SEE SHEET A1.4
- 7. INSTALL NEW 2-COMPARTMENT SINK
- 8. APPLY SAFETY TINT TO WINDOW
- 9. INSTALL NEW LUXURY VINYL TILE AND BASE
- 10. INSTALL NEW WOOD STUD WALL
- 11. INSTALL NEW MILLWORK
- 12. INSTALL NEW ELECTRIC UNIT HEATER
- 13 INSTALL ENTERTAINMENT BOX
- 13. INSTALL ENTERTAINMENT BOX
- 15. PATCH AND REPAIR EXISTING WALL SURFACE AND PREPARE TO
- RECEIVE NEW PAINT.

  16. EXISTING OVERHEAD DOOR TO BE SERVICED AND TO RECEIVE NEW

14. PATCH AND REPAIR FLOOR AND PREPARE TO RECEIVE NEW FINISHES

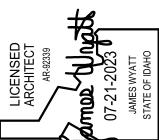
- GASKETS ALL AROUND. PRESSURE CLEAN.
- 17. EXISTING DOUBLE DOOR TO RECEIVE NEW GASKETS ALL AROUND. PRESSURE CLEAN.
- 18. INSTALL NEW OVER-THE-RANGE HOOD
- 19. INSTALL NEW DOOR SILENCERS IN EXISTING DOOR FRAME
- 20. INSTALL BLACK-OUT ROLLER SHADES
- 21. INSTALL NEW DOOR AND PARTITION
- 22. INSTALL EXISTING T.V. IN NEW LOCATION

# ALTERNATE NO.1

- A. CONNEX STORAGE UNIT SHALL BE 10'-0" WIDE x 20'-0" LONG, USED, OR NEW WITH LOCKABLE STEEL DOORS. PROVIDE SHOP DRAWINGS.
  - INTERIOR/EXTERIOR NEEDS TO BE CLEANED AND FREE OF ANY RUST ,
    DAMAGED STEEL SIDES, FLOOR, OR TOP.
  - STORAGE UNIT SHALL BE PRIMED WITH ONE COAT PRIMER/RUST INHIBITOR ON ALL EXPOSED SURFACES
  - STORAGE UNIT TO RECEIVE (2) COATS "BATTLESHIP ENAMEL" FINISH,
  - SEMI-GLOSS. COLOR AS SELECTED BY OWNER.
     PLACE UNIT ON LEVEL 4" CONCRETE PAD THAT WILL EXTEND MINIMUM OF 6" AROUND OUTSIDE PERIMETER LINE OF THE CONNEX
  - REINFORCE CONCRETE PAD WITH 6/6X10/10 WWF, OR #04 REINFORCING MATT 12" O.C.

STORAGE CONTAINER.

- PLACE/ LOCATE UNIT AND PAD AS DIRECTED BY THE OWNER
- PROVIDE REMOVABLE, REINFORCED WOOD LOADING RAMP, 4'-0" WIDE x 6'-0" LONG, THAT CAN BE HUNG UP INSIDE CONTAINER WALLS



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11.5. IDRHU 83403-2212

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R C H I T E C T U R E / P L R N N I N G / I N T O D JOHN RDRMS PRRKWRY / P.O. BON 2212 / IDRHU FALLS, IDRH

READINESS CENTI 60 RICH LANE FOOT, IDAHO 83221

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REVISIONS

NBW PROJECT NO.: 23004 DATE: SEPTEMBER 2023 DRAWN BY: KP

DRAWING NO.:

CHECKED BY:

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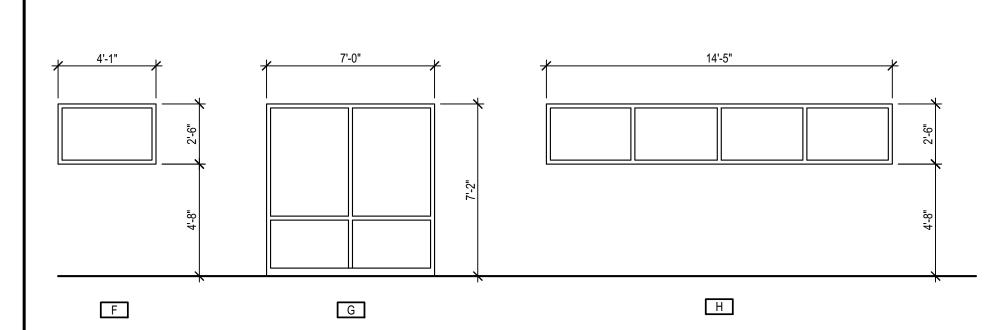


	WINDOW BLIND SCHEDULE							
WINDOW NUMBER	SIZE OF WINDOW	WINDOW TYPE	SIZE OF BLIND	OPENNESS FACTOR	LOCATION			
6	7'-1" x 1'-7"	Α	7'-1" x 1'-7"	3%	CONFERENCE TO EXTERIOR			
7	8'-9" x 2'-6"	В	8'-9" x 2'-6"	3%	OFFICE TO EXTERIOR			
9	7'-1" x 4'-1"	С	7'-1" x 4'-1"	3%	OFFICE TO EXTERIOR			
13A	7'-1" x 4'-1"	С	7'-1" x 4'-1"	3%	OFFICE TO EXTERIOR			
13B	8'-9" x 2'-6"	D	8'-9" x 2'-6"	3%	OFFICE TO EXTERIOR			
14	7'-1" x 2'-6"	Е	7'-1" x 2'-6"	3%	OFFICE TO EXTERIOR			
14A	4'-1" x 2'-6"	F	4'-1" x 2'-6"	3%	OFFICE TO EXTERIOR			
14B	7'-0" x 7'-2"	G	7'-0" x 7'-2"	0%	OFFICE TO VESTIBULE			
19A	7'-0" x 7'-2"	G	7'-0" x 7'-2"	0%	CLASSROOM TO VESTIBULE			
19B	14'-5" x 2'-6"	Н	(2) 7'-2 1/2" x 2'-6"	3%	CLASSROOM TO EXTERIOR			
19C	14'-5" x 2'-6"	Н	(2) 7'-2 1/2" x 2'-6"	3%	CLASSROOM TO EXTERIOR			
19D	7'-1" x 4'-1"	С	7'-1" x 4'-1"	3%	CLASSROOM TO EXTERIOR			
NOTE	NOTE:							

WINDOW AND DOOR SIZES OF EXISTING WINDOWS AND DOORS ARE FOR REFERENCE ONLY AND ARE APPROXIMATE.

CONTRACTOR TO FIELD VERIFY QUANTITY, LOCATION AND SIZE OF EXISTING WINDOWS AND DOORS.

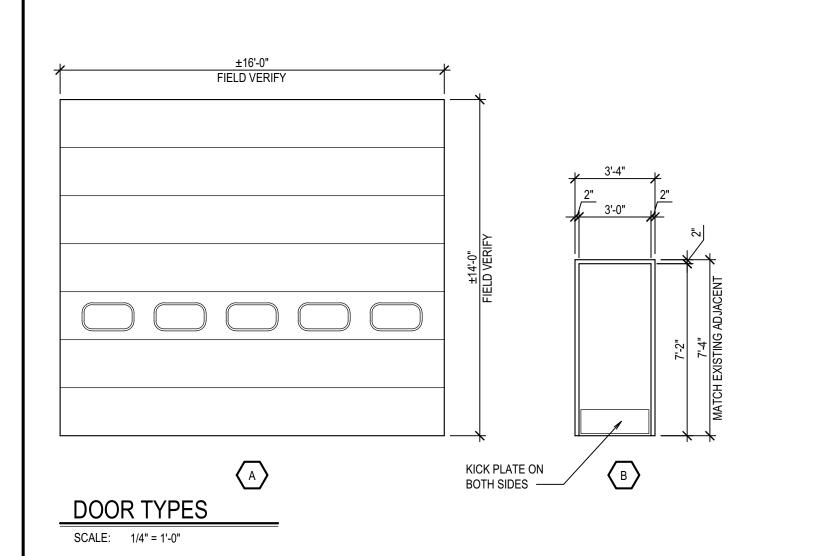
JAMB MOUNT ALL WINDOW BLINDS.

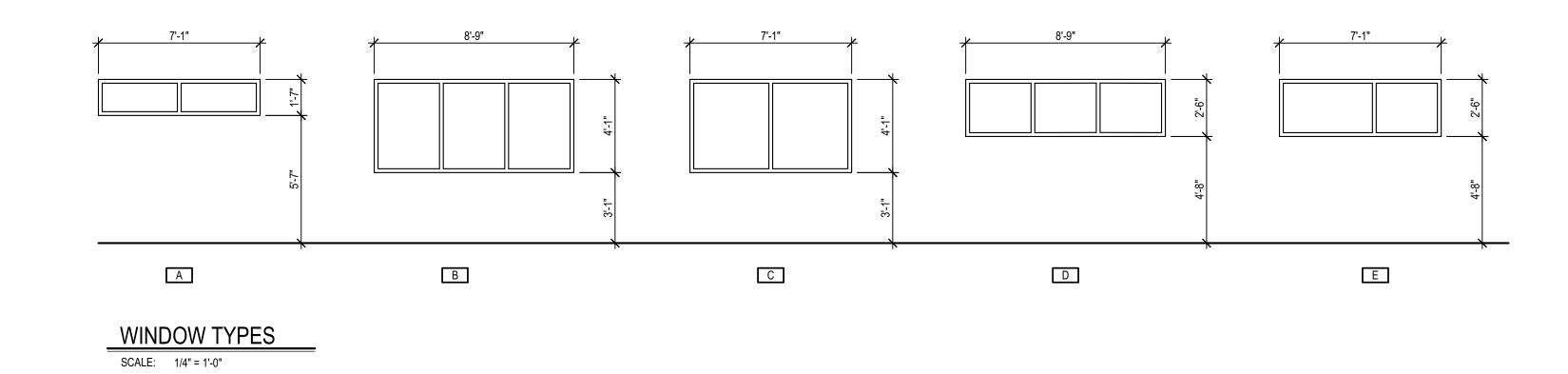


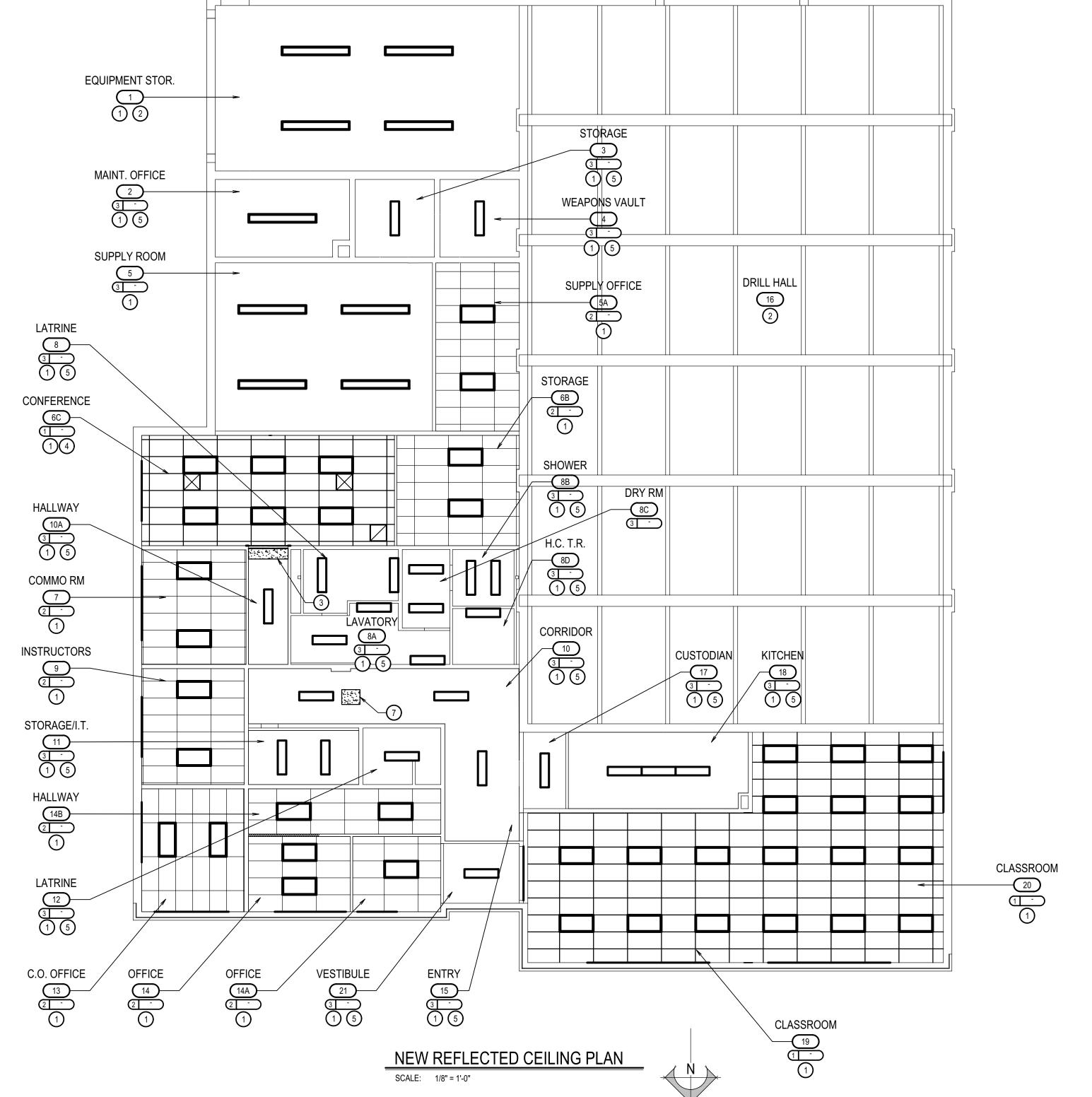
WINDOW TYPES, CONTINUED

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

	DOOR SCHEDULE								
	~	~ ~		MATERIALS DETAILS			AILS	REMARKS	
	DOOR NUMBER	SIZE	SINGLE OR PAIR	DOOR TYPE	DOOR	FRAME	НЕАD	JAMB	
	6	3'-0" x 7'-2"	S	В	НМ	НМ	2/A1.3	2/A1.3 SIM	PAINT COMPLETE
-	16	16'-0" x 14'-0"	_	Α	STEEL	STEEL	A/A1.1	B/A1.1	INSULATED OVERHEAD DOOR







# **GENERAL NOTES**

 SEE ELECTRICAL DRAWINGS FOR ALL LIGHTING AND ELECTRICAL WORK.
 REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, COORDINATION, AND DEMOLITION WORK.

**OKEYNOTES** 

1. INSTALL NEW LED LIGHT FIXTURES

- 2. PREPARE AND PAINT WOOD CEILING / ROOF STRUCTURE COMPLETE. INCLUDING BUT NOT LIMITED TO STRUCTURAL MEMBERS, ELECTRICAL CONDUITS, PIPES, HANGERS, CABLES, WIRES, JUNCTION BOXES ETC.
- 3. MODIFY / REPAIR EXISTING GYPSUM BOARD CEILING AND SUSPENSION GRID AS REQUIRED BY NEW CONSTRUCTION.
- 4. INSTALL NEW CEILING
- 5. PAINT EXISTING GYPSUM BOARD CEILING
- 7. PATCH AND REPAIR GYPSUM BOARD CEILING. APPLY TEXTURE TO MATCH TEXTURE OF ADJACENT CEILING.

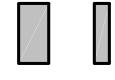
(1] -

NEW 2 x 4 ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM, MATCH HEIGHT OF EXISTING CEILING 2 x 4 ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM, EXISTING TO REMAIN (SHOWN FOR REFERENCE ONLY,

CONTRACTOR TO FIELD VERIFY)

3 -

GYPSUM BOARD CEILING, EXISTING TO REMAIN

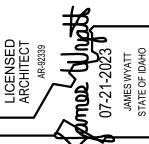


LIGHT FIXTURES, SEE ELECTRICAL DRAWINGS

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MECHANICAL GRILLES, SEE MECHANICAL DRAWUNGS



1 0 R S STATE OF IDAH

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A DWarchitects D. a. GREAD BOX 2212 / IDAHO FALLS, IDAHO B3403-2212 (P) 208.522.8779 (F) 208.522.8785 (W) nbwarchitects.com

PPW NO. 23-332

READINESS CENTE
260 RICH LANE
CKFOOT, IDAHO 83221

**BLACKFOO** 

REVISI	ONS
NBW P	ROJECT NO.:

NBW PROJECT NO.:
23004

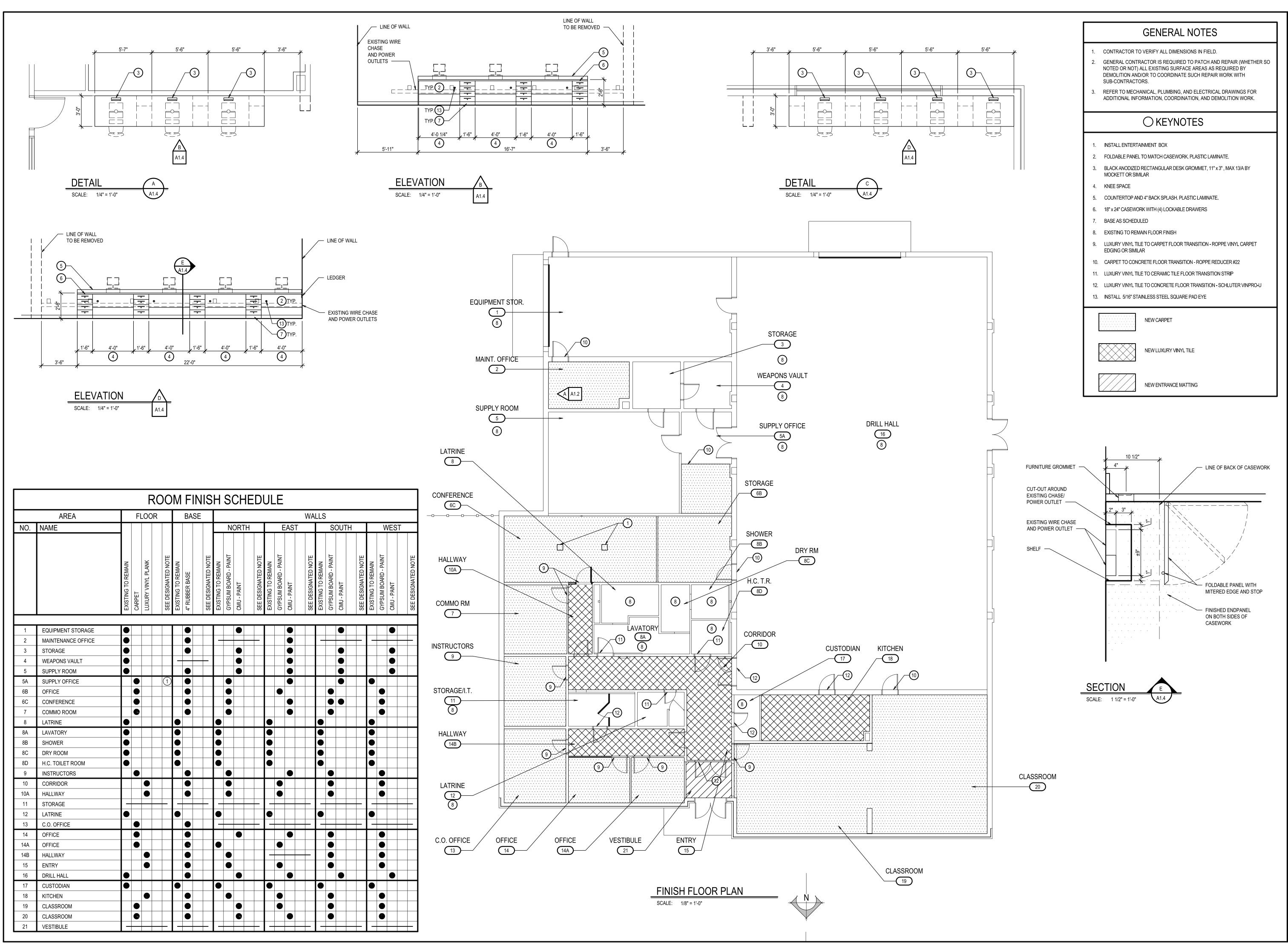
DATE:
SEPTEMBER 2023

DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

A1.3





LICENSED ARCHITECT AR-92339

AR-92339

O7-21-2023

JAMES WYATT STATE OF IDAHO

1 0 R S O7-21-200, JAMES WYAT STATE OF IDA

Warchitects D.
TUBE / PLBNNING / INTERI

PPW NO. 23-332

'READINESS CENTE
260 RICH LANE
CKFOOT, IDAHO 83221

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260 RICH LANE
BLACKFOOT, IDAHO

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REVISIONS

NEW PROJECT NO:

NBW PROJECT NO.:
23004

DATE:
SEPTEMBER 2023

DRAWN BY:
KP
CHECKED BY:
JHW

DRAWING NO.:

A1.4



Plumbing Plan Review approved with conditions. Inspector to field verify for compliance with 2017 ISPC. Final approval is based upon inspection and shall adhere to the 2017 Idaho State Plumbing Code

EQUIPMENT STOR.

MAINT. OFFICE (1)

SUPPLY ROOM

COMMO RM

INSTRUCTORS

9

C.O. OFFICE

STORAGE

WEAPONS VAUL

SUPPLY OFFICE

DRY RM

CORRIDOR 10

ENTRY 15

VESTIBULE 21

CLASSROOM 19

LAVATORY 8A

HALLWAY 14B

OFFICE 14A

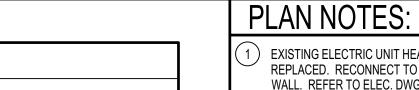
DRILL HALL

16

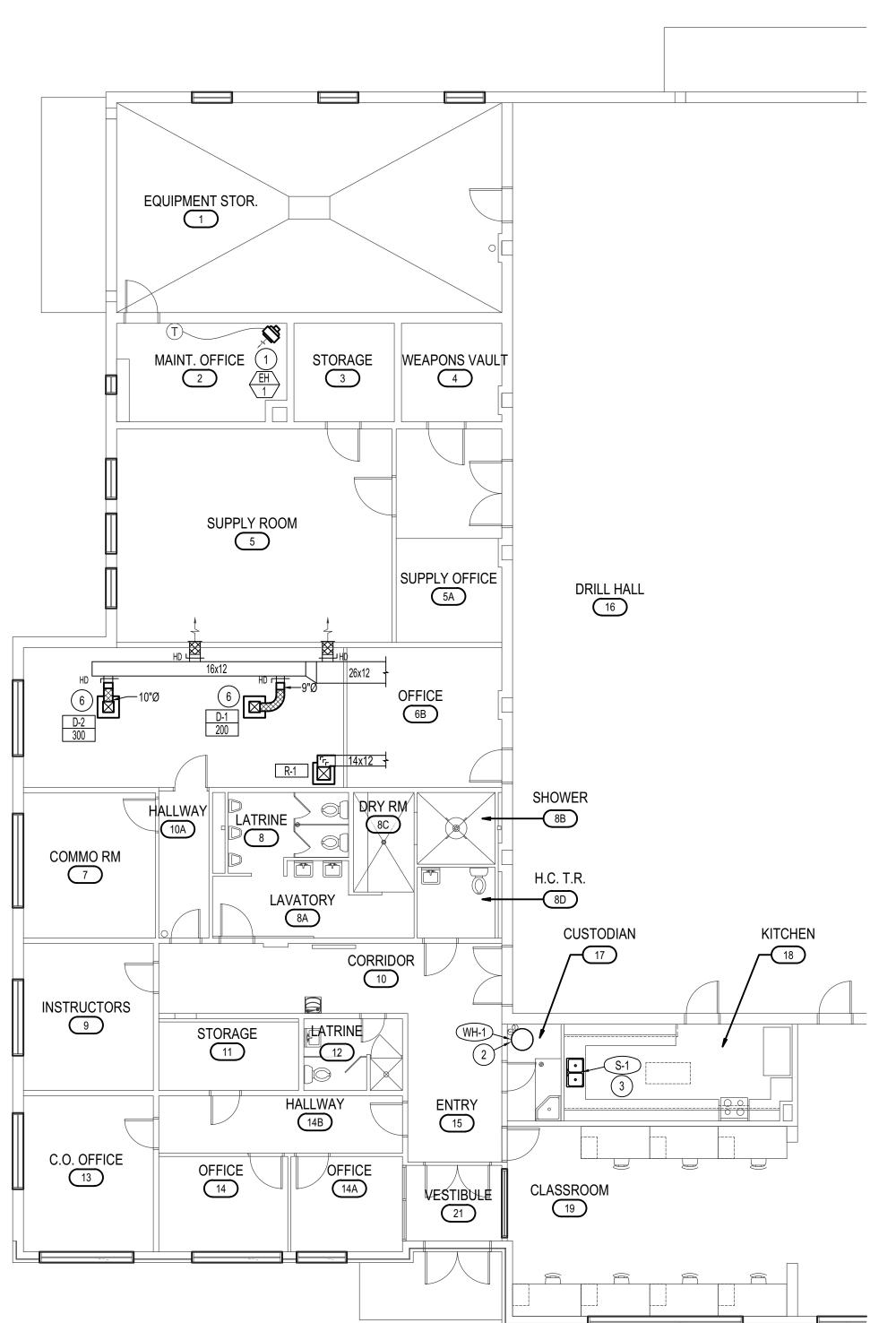
FIXTURE SCHEDULE							
SYM.	DESCRIPTION	НОТ	COLD	WASTE	VENT		
S-1	DOUBLE COMPARTMENT SINK - ELKAY MODEL LR-3319 STAINLESS STEEL SINK WITH MOEN 7200 SINGLE LEVER HANDLE, (2) LK-99 HEAVY DUTY STRAINER, AND 1/2" STOPS.	1/2"	1/2"	1-1/2"	1-1/2"		
WH-1	GAS FIRED WATER HEATER - A.O. SMITH BTH-199 SEALED COMBUSTION WATER HEATER WITH T&P RELIEF VALVE, AMTROL ST-25 EXPANSION TANK, HEAT TRAP NIPPLE AND SYMMONS 7-500 MIXING VALVE. CONNECT TO EXISTING WATER, GAS AND PVC COMBUSTION / VENT PIPING.	1"	1"				

ELECTRIC HEATER SCHEDULE							
SYM.	TYPE	BTU	KW	CHAR	CONTROL	REMARKS	
(EH)	HORIZONTAL UNIT HEATER	10,600	3.7	208/60/3	WALL T-STAT	MARLEY MODEL MUH05-21 UNIT HEATER. CONNECT TO EXISTING T-STAT.	

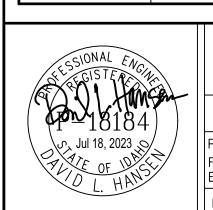
GRILLE AND REGISTER SCHEDULE										
SYM.	SIZE	THROW	CFM	CONSTR.	FINISH	F.D.	O.B.	REMARKS		
D-1	9 x 9	4-WAY	150-250	STEEL	WHITE	NO	NO	EXISTING CEILING DIFFUSER TO BE RELOCATED TO NEW CEILING BALANCE TO CFM SHOWN ON FLOOR PLAN		
D-2	12 x 12	4-WAY	300-350	STEEL	WHITE	NO	NO	EXISTING CEILING DIFFUSER TO BE RELOCATED TO NEW CEILING BALANCE TO CFM SHOWN ON FLOOR PLAN		
R-1	16 x 16	NA	700	STEEL	WHITE	NO	NO	TITUS MODEL 25R IN 24x24 LAY-IN MODULE		



- 1 EXISTING ELECTRIC UNIT HEATER TO BE REMOVED AND REPLACED. RECONNECT TO EXISTING THERMOSTAT ON WALL. REFER TO ELEC. DWGS. FOR ADDITIONAL
- ) EXISTING GAS FIRED WATER HEATER TO BE REMOVED AND REPLACED. RECONNECT TO EXISTING GAS, WATER AND FLUE
- WATER, WASTE AND VENT PIPING AS REQUIRED FOR NEW SINK ROUGH-IN. CAP UNUSED PIPING INSIDE WALL AND PATCH TO MATCH EXISTING.
- 4 REMOVE EXISTING CEILING DIFFUSER, STORE IN SECURE LOCATION DURING DEMOLITION.
- 5 REMOVE EXISTING CEILING RETURN AIR GRILLE AND PORTION OF ASSOCIATED BRANCH DUCTWORK.
- 6) CLEAN AND RE-INSTALL EXISTING CEILING DIFFUSER. RE-BALANCE TO CFM SHOWN.



MECH. LEGEND DESCRIPTION ELECTRONIC THERMOSTAT WALL MOUNTED ELECTRIC UNIT HEATER S CEILING RETURN AIR GRILLE ROUND FLEXIBLE SUPPLY AIR DUCTWORK



	Engineered Systems Associates
1355	EAST CENTER
POCATEL	LO, IDAHO 83201
PHONE:	(208) 233-0501
FAX:	(208) 233-0529
	amanatama aan

EMAIL: esa@engsystems.com ESA JOB NUMBER: 23055

B

REVISIONS

CENTE

MECHANICAL / PLUMBING FLOOR PLANS

PROJECT NO, 23004 DATE: AUGUST 2023

CHECKED BY: DH DRAWING NO.:

MP1.1

MECH. & PLUMBING DEMO FLOOR PLAN SCALE: 1/8 = 1'-0"

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



**MUSGROVE** 234 S. Whisperwood Way Boise, ID 83709 208.384.0585 645 West 25th Street Idaho Falls, ID 83402 208.523.2862 Project No. 23-120



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NO. 23 SAD RICH L. DPW N

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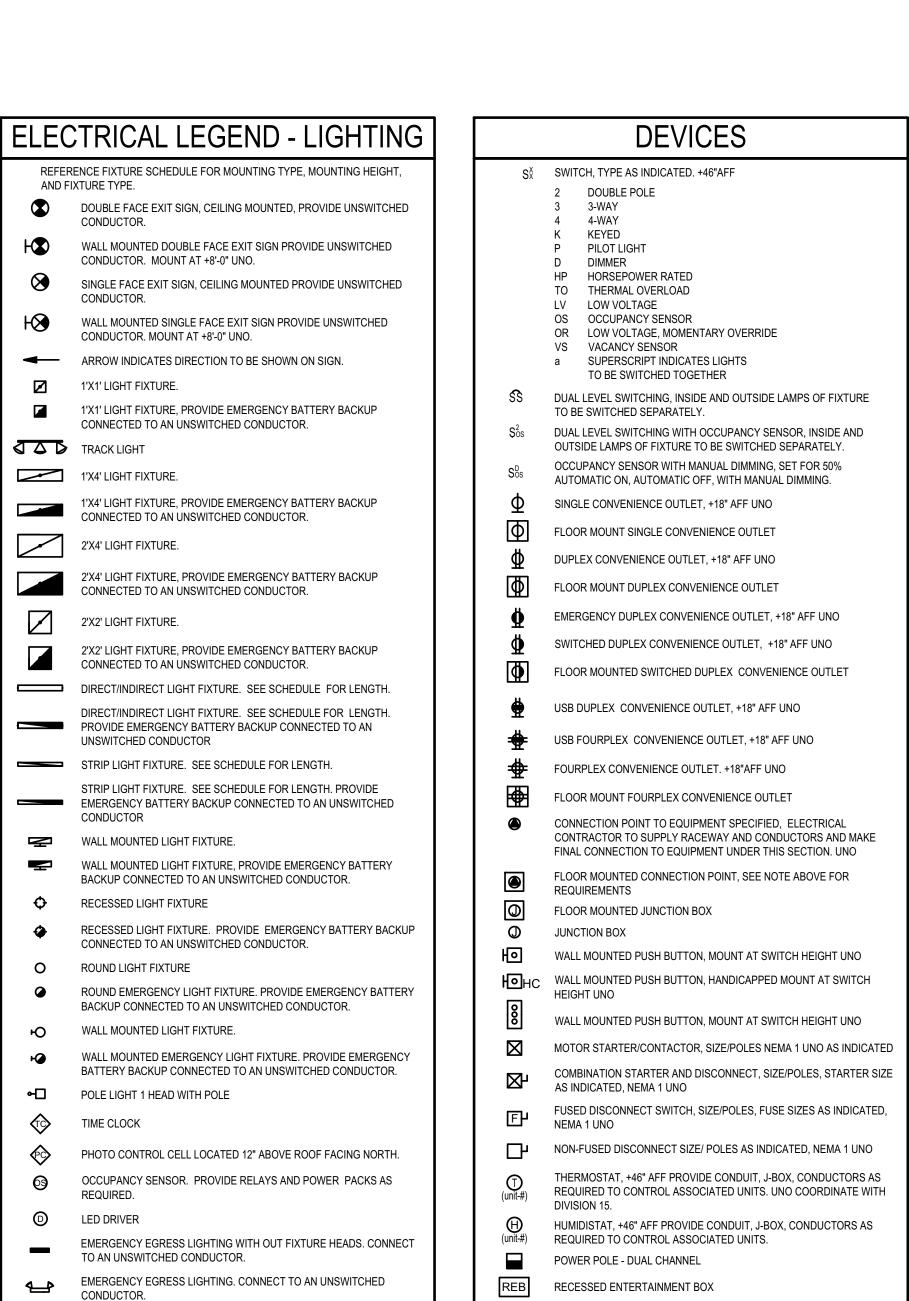
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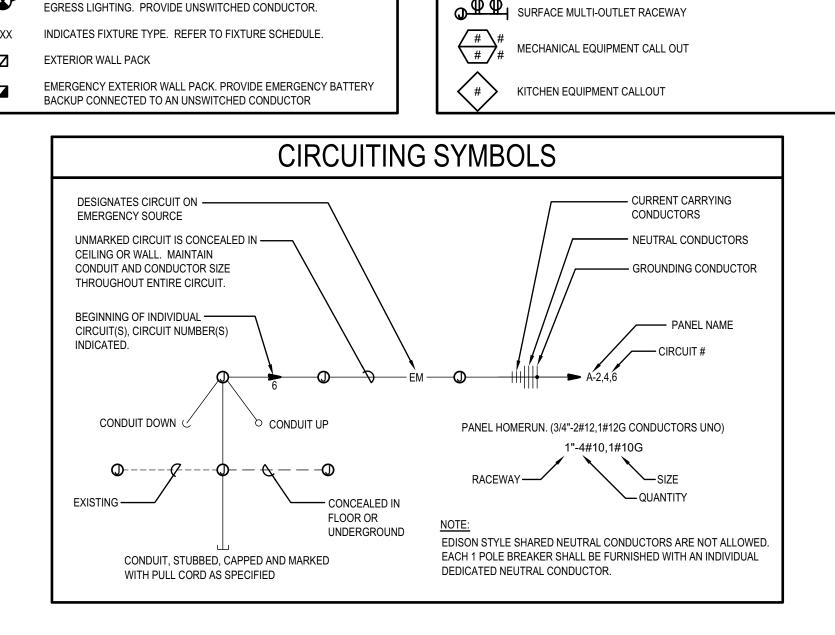
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NBW PROJECT NO .:

MNB

DRAWING NO.:





WALL MOUNTED SINGLE FACE EXIT SIGN WITH EMERGENCY EGRESS

LIGHTING. PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.

CEILING MOUNTED. SINGLE FACE EXIT SIGN WITH EMERGENCY

CEILING MOUNTED. DOUBLE FACE EXIT SIGN WITH EMERGENCY

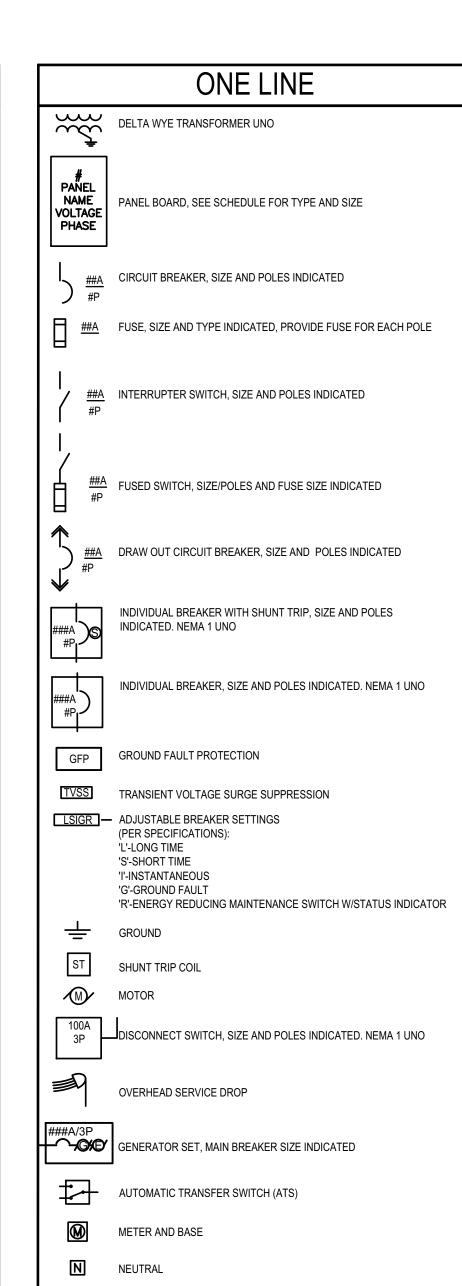
EGRESS LIGHTING. PROVIDE UNSWITCHED CONDUCTOR.

TRANSFORMER

PANELBOARD. SEE SCHEDULE FOR TYPE.

EQUIPMENT CABINET, SURFACE MOUNTED

EQUIPMENT CABINET FLUSH MOUNTED



	SECURITY
•	CCTV CAMERA POWER SUPPLY
ø	CCTV SYSTEM POWER SUPPLY
	ADJUSTABLE CAMERA (PAN/TILT/ZOOM)
	FIXED CAMERA
	CAMERA IN OUTDOOR HOUSING
	ADJUSTABLE CAMERA (PAN/TILT/ZOOM) IN OUTDOOR HOUSING
₩	CCTV OUTLET, +18" UNO
<b>ⓒ</b>	CEILING MOUNTED CCTV OUTLET
K	SECURITY SYSTEM KEYPAD CONTROLLER COORDINATE BOX SIZE AND MUDRING WITH VENDOR
CR	CARD READER
M	CEILING MOUNTED MOTION SENSOR
₩ <sup>80"</sup>	WALL MOUNTED MOTION SENSOR, MOUNTING HEIGHT INDICATED
0	PANIC BUTTON - MOUNTED UNDER COUNTER

THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.

DRY TYPE TRANSFORMER

PAD MOUNT TRANSFORMER

## THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE; THEREFORE THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL EQUIPMENT AND DEVICE LOCATIONS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DIVISIONS PRIOR TO ROUGH-IN. REFER TO AND COORDINATE

ADDITIONAL WORK THAT IS REQUIRED BY THE ELECTRICAL CONTRACTOR. ALL CONDUIT AND JUNCTION BOXES ARE TO BE CONCEALED UNLESS LOCATED WITHIN DEDICATED ELECTRICAL OR MECHANICAL ROOMS. USE OF SURFACE MOUNTED RACEWAYS IN ALL OTHER SPACES MUST BE APPROVED BY THE ARCHITECT FOR EACH LOCATION. WHERE SURFACE RACEWAYS ARE APPROVED, UTILIZE WIREMOLD, OR APPROVED EQUAL, SURFACE MOUNTED

WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS FOR

- RACEWAYS PAINTED TO MATCH SURROUNDING WALLS. REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET HEIGHTS WHERE THE SPECIFIC OUTLET HEIGHT IS NOT INDICATED. REFER TO THE ELECTRICAL LEGEND FOR THE DEFAULT OUTLET HEIGHT WHEN NOT INDICATED ON
- PROVIDE PULL-LINE IN ALL EMPTY CONDUITS.

ELEVATIONS OR ON AT THE DEVICES.

- TERMINATE ALL LOW-VOLTAGE CONDUITS WITH INSULATED THROAT BUSHING.
- MECHANICAL EQUIPMENT INDICATED IS SHOWN IN AN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

- THE ELECTRICAL DEMOLITION DRAWING(S) PROVIDED ARE INTENDED TO ASSIST THE ELECTRICAL CONTRACTOR IN ESTABLISHING AREAS REQUIRING DISCONNECTION, REMOVAL, OR RELOCATION OF ELECTRICAL EQUIPMENT, OUTLETS, WIRING, DEVICES, FIXTURES, ETC. AND MAY NOT INDICATE ALL DEVICES OR THE FULL EXTENT OF DEMOLITION AND RECONNECTION WHICH MAY BE REQUIRED. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY EXAMINE ALL REQUIRED DEMOLITION WORK AND INCLUDE ALL LABOR AND INCIDENTALS THAT WILL BE NECESSARY TO PERFORM DEMOLITION RECONNECTION AND TEMPORARY POWER CONNECTIONS IN THE
- ALL ELECTRICAL DEVICES AND WALLS INDICATED ON THE ELECTRICAL DEMOLITION DRAWING(S) ARE TO REMAIN UNLESS OTHERWISE NOTED.

# COMMUNICATIONS

- JUNCTION BOX FOR FUTURE TELEPHONE/DATA OUTLET. MOUNT AT 18" A.F.F. UNO. PROVIDE SINGLE-GANG MUD RING WITH BLANK COVER PLATE. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE.
- TELEPHONE/DATA OUTLET. MOUNT AT 18" A.F.F. UNO. PROVIDE 1 CONDUIT TO NEAREST ACCESSIBLE CEILING. INSTALL QUANTITY OF DATA (#D) AND TELEPHONE (#T) CABLES INDICATED TO THE NEAREST DATA RACK. PROVIDE (2) DATA CABLES IF A CABLE QUANTITY IS NOT
- FLOOR MOUNTED BOX FOR FUTURE TELEPHONE/DATA OUTLET. JUNCTION BOX WITH SINGLE-GANG MUD RING. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE BLANK COVER PLATE.
- FLOOR MOUNTED TELEPHONE/DATA OUTLET. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING. INSTALL QUANTITY OF DATA (#D) AND TELEPHONE (#T) CABLES INDICATED TO THE NEAREST DATA RACK. PROVIDE (2) DATA CABLES IF A CABLE QUANTITY IS NOT INDICATED.
- INTERCOM SYSTEM CALL BUTTON. +46" UNO. CEILING MOUNTED SPEAKER WITH BACKBOX
- WALL MOUNTED SPEAKER, WITH BACKBOX +80" UNO VOLUME CONTROL, +46" UNO
- TELEVISION OUTLET, +18" AFF UNO. PROVIDE 1-1/4" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE
- CEILING MOUNTED TELEVISION OUTLET
- CT-XX CABLE TRAY, 4" DEEP, WIRE BASKET STYLE, 'XX' INDICATES WIDTH PROVIDE ALL FITTINGS AND SUPPORT HARDWARE REQUIRED

# TELEPHONE TERMINAL BOARD

### **ELECTRICAL GENERAL NOTES ELECTRICAL ABBREVIATIONS**

- AMPERES 6" ABOVE BACKSPLASH ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- AMPS INTERRUPTING CAPACITY
  AMP TRIP **AUTOMATIC TRANSFER SWITCH**
- AMERICAN WIRE GAUGE BOTTOM OF DECK
- BOTTOM OF STRUCTURE CEILING MOUNTED
- CIRCUIT BREAKER COMPACT FLUORESCENT
- CONDUIT ONLY, PROVIDE PULL-LINE
- CURRENT TRANSFORMER CONTROL
- DIRECT CURRENT DEMOLITION DEMO DEMOLITION
  DET DETAIL
  DTT DOUBLE TWIN
- DOUBLE TWIN TUBE **EMERGENCY** ELECTRICAL CONTRACTOR
- **EMERGENCY LIGHT** FUTURE FACP FIRE ALARM CONTROL PANEL
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
  GFI GROUND FAULT INTERRUPTER
- HIGH INTENSITY DISCHARGE HAND-OFF-ALITO HIGH PRESSURE SODIUM
- HVAC HEATING, VENTILATION, & AIR CONDITIONING
- ISOLATED GROUND IDAHO POWER COMPANY J-BOX JUNCTION BOX
- KA KILOAMP KVA KILO VOLT-AMP KW KILOWATT KW KILOWATT KWH KILOWATT HOUR
- LCP LIGHTING CONTROL PANEL
- MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER
- MAIN DISTRIBUTION PANEL MAIN LUGS ONLY MODULAR METERING CENTER METAL HALIDE MSB MAIN SWITCH BOARD
- NORMALLY CLOSED NATIONAL ELECTRICAL CODE NOT IN CONTRACT

NIGHT LIGHT

- NORMALLY OPEN NTS NOT TO SCALE OVERHEAD
- OCCUPANCY SENSOR
- PHOTO-CONTROL POLYVINYL CHLORIDE
- PWR POWER
- RE: REFERENCE RECEPTACLE
- RELOCATED SQUARE FEET
- TBD TO BE DETERMINED TIME DELAY RELAY
- TOE KICK TWISTED SHIELDED PAIR
- TRIPLE TUBE TTB TELEPHONE TERMINAL BOARD (TYP.) TYPICAL
- UC UNDERCABINET UNDERGROUND U.N.O. UNLESS NOTED OTHERWISE
- VA VOLT-AMPERE
- WG WIRE GUARD WP WEATHER PROOF/NEMA 3R
- PROVIDED/ PROVIDE AND INSTALL / PROVIDED AND PROVIDE BY INSTALLED BY / PROVIDE AND INSTALL INSTALLED/ INSTALL
  - THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL ABBREVIATIONS. SOME OF THE ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE.

# **ELECTRICAL SPECIFICATIONS**

- A. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCALLY ADOPTED ELECTRICAL CODE, ALL LOCAL CODES, AND TO THE FULL ACCEPTANCE OF THE AUTHORITY HAVING JURISDICTION.
- OBTAIN ALL PERMITS, COORDINATE, FURNISH, INSTALL, CONNECT AND TEST ALL ELECTRICAL EQUIPMENT REQUIRED FOR ALL THE SYSTEMS INSTALLED UNDER THIS CONTRACT TO INSURE COMPLETE AND FULLY OPERATIONAL
- CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF AS-BUILT DRAWINGS. AS-BUILT SET OF DRAWINGS SHALL BE UPDATED DAILY AND SHALL DOCUMENT THE ACTUAL INSTALLED CONDITION OF THE ENTIRE ELECTRICAL INSTALLATION. AS-BUILT SET OF DRAWINGS SHALL BE AVAILABLE AT ALL TIMES ON THE SITE FOR INSPECTION BY CODE OFFICIALS, OWNER, ARCHITECT
- D. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION.
- DESIGN IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE STATUS OF ACTUAL CONDITIONS AS THEY RELATE TO THE SCOPE OF WORK AS SHOWN ON THESE
- F. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL ELECTRICAL EQUIPMENT AND DEVICES WITH THE ARCHITECTURAL ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN.
- DEMOLITION WORK IS A PART OF THIS PROJECT. SEE DRAWINGS FOR EXISTING ELECTRICAL DEVICES TO BE REMOVED. REMOVE ASSOCIATED BOXES, RACEWAYS AND CONDUCTORS BACK TO SOURCE, AND MAKE SAFE.
- ALL MATERIALS AND EQUIPMENT FURNISHED TO THE PROJECT SHALL BE NEW AND SHALL BEAR THE LISTING LABEL OF A NATIONALLY RECOGNIZED TESTING LAB AS DEFINED BY OSHA.
- ALL ELECTRICAL DEVICES AND TERMINALS SHALL BE RATED 75°C MINIMUM.
- ALL CONDUCTORS SHALL BE STRANDED COPPER, 600 VOLT RATED. INSULATION TYPE SHALL BE THHN/THWN, FULLY COLOR CODED WITH GAUGE, TYPE AND MANUFACTURER MARKED EVERY 24" ALONG. CONDUCTOR COLOR

00000000000	00		
208Y/120 VOL	T SYSTEM	480Y/277 VOL	T SYSTEM
PHASE A	- BLACK	PHASE A	- BROWN
PHASE B	- RED	PHASE B	- ORANGE
PHASE C	- BLUE	PHASE C	- YELLOW
NEUTRAL	- WHITE	NEUTRAL	- GRAY
GROUND	- GREEN	GROUND	- GREEN
		AND LIGHTING OFFICIATO	

- MINIMUM SIZE WIRE FOR POWER AND LIGHTING CIRCUITS SHALL BE #12 AWG. ALL POWER AND LIGHTING CONDUCTORS SHALL BE ROUTED IN 3/4" CONDUIT
- M. EMT OR MC TYPE CABLE IS ALLOWED WHEN CONCEALED IN INTERIOR SPACES. MC TYPE CABLE IS NOT ALLOWED FOR HOMERUNS.
- N. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S
- ALL EQUIPMENT, SWITCHING DEVICES AND PANELS SHALL BE MOUNTED SO AS TO BE ACCESSIBLE AND SHALL BE MOUNTED PLUMB AND SQUARE WITH
- DEVICES AND RACEWAYS PENETRATING FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH FIRE RESISTIVE MATERIAL, COMPATIBLE WITH CONSTRUCTION PENETRATED, TO MAINTAIN RATING OF THE WALL. SEALANT SYSTEM SHALL BE A U.L. APPROVED SYSTEM AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- Q. FURNISH AND INSTALL PULL CORD IN ALL EMPTY CONDUITS.
- ALL JUNCTION BOX COVERS WITH POWER WIRING SHALL HAVE THE PANEL AND CIRCUIT LABELED ON THE OUTSIDE SURFACE. ALL LABELS FOR EXPOSED JUNCTION BOXES IN "FINISHED AREAS" SHALL BE LABELED UTILIZING SELF ADHESIVE LABELS PRODUCED BY A MECHANICAL LABELING MACHINE. LABELS FOR JUNCTION BOX COVERS IN CONCEALED LOCATIONS SHALL CONSIST OF THE INFORMATION BEING NEATLY HANDWRITTEN ON THE OUTSIDE SURFACE OF THE COVER WITH A PERMANENT STYLE MARKER.

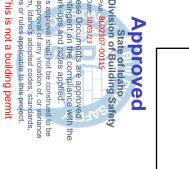
CLEARLY LABEL ALL ACCESSIBLE CONDUIT STUBS WITH SYSTEM NAME AND

- LOCATION (ROOM NUMBER) WHERE THE OTHER END OF THE CONDUIT TERMINATES. USE INDELIBLE INK. THE LABELS SHALL BE LOCATED ON THE CONDUIT IN A POSITION THAT CAN BE EASILY READ.
- ALL 1 POLE BREAKER CIRCUITS SHALL HAVE AN INDEPENDENT NEUTRAL CONDUCTOR. NO EDISON STYLE SHARED NEUTRAL CONDUCTORS ARE
- U. ALL CONDUCTORS IN ELECTRICAL PANELS, CABINETS AND EQUIPMENT SHALL BE NEATLY TRAINED AND LACED. /. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES
- FOR ALL PANELS. DIRECTORIES SHALL BE TYPED. W. PROVIDE ELECTRICAL SUBMITTALS FOR EQUIPMENT SHOWN AS REQUIRED BY
- DIVISION 1 SPECIFICATIONS. K. ELECTRICAL CONTRACTOR SHALL OBTAIN THE AVAILABLE FAULT CURRENT VALUE FROM THE LOCAL UTILITY OR THE ONE-LINE DIAGRAM AND LABEL THE MAIN BREAKER WITH THAT VALUE.
- SWITCH AND RECEPTACLE LABELING: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH DEVICES ARE SERVED. USE MACHINE PRINTED LABEL AND 1/8" TEXT. INSTALL ON THE OUTSIDE OF THE FACEPLATE FOR RECEPTACLES AND INSIDE THE FACEPLATE FOR SWITCHES.

REVISIONS

23004 DATE: August 2023 DRAWN BY: CHECKED BY:





# **▲ COM***check* Software Version COMcheckWeb Interior Lighting Compliance Certificate

## **Project Information**

2018 IECC Energy Code: Project Title: BLACKFOOT READINESS CENTER Project Type: Alteration

Construction Site: 260 RICK LANE BLACKFOOT, Idaho 83221 Owner/Agent: BLACKFOOT READINESS CENTER 260 RICH LANE

Designer/Contractor: Claire Jorgensen Musgrove Engineering 645 W 25TH ST BLACKFOOT, Idaho 83221 IDAHO FALLS, Idaho 83401 2085212963

clairej@musgrovepa.com

3

35

Total Proposed Watts = 2468

9 49

105

441

### **Allowed Interior Lighting Power**

Area Category	Floor Are (ft2)	a	Allowed Watts / f		Allowed Watts
1-Office	5676		0.79		4484
		Total	Allowed Wa	atts =	4484
Proposed Interior Lighting Power					
Α		В	C	D	E
Fixture ID : Description / Lamp / Wattage Per Lamp / Balla		mps/ xture	# of Fixture		(C X D)
Office (5676 sq.ft.)					
LED. A1. LED Domail 10/4/.		1	12	23	276
LED: A1: LED Panel 19W:		_	12		
LED: A1: LED Panel 19W: LED: A2: LED Panel 33W:		1	20	32	640
		1			
LED: A2: LED Panel 33W:		1 1 1		32	640

## nterior Lighting PASSES

LED: C: LED Linear 33W:

## Interior Lighting Compliance

LED: F: LED Other Fixture Unit 6.5W:

LED: D: LED Other Fixture Unit 6.5W:

Statement Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheck Web and to comply with an

systems have been designed to meet the 20	118 IECC requirements in COM <i>check</i> version	1 COMcheckweb and to comply with
applicable mandatory requirements listed in	the Inspection Checklist.	
Claire Jorgensen, Designer	Char	09-01-2023
Name - Title	Signature	Date

Project Title:	BLACKFOOT READINESS CENTER	Report date: 09/01/23
Data filename	:	Page 1 of 5

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3. 1, C405.2.3. 2 [EL23] <sup>2</sup>	individual controls that control the lights independent of general area	□Complies □Does Not □Not Observable □Not Applicable	
C405.2.4 [EL26] <sup>1</sup>	Separate lighting control devices for specific uses installed per approved lighting plans.	□Complies □Does Not □Not Observable □Not Applicable	
C405.2.4 [EL27] <sup>1</sup>	allowed for special functions per the approved lighting plans and is automatically controlled and	□Complies □Does Not □Not Observable □Not Applicable	
C405.3 [EL6] <sup>1</sup>	face.	□Complies □Does Not □Not Observable □Not Applicable	
C405.6 [EL26] <sup>2</sup>	electric transformers meet the minimum efficiency requirements of Table C405.6	□Complies □Does Not □Not Observable □Not Applicable	
C405.7 [EL27] <sup>2</sup>		□Complies □Does Not □Not Observable □Not Applicable	
C405.8.2, C405.8.2. 1 [EL28] <sup>2</sup>	automatic controls configured to	□Complies □Does Not □Not Observable □Not Applicable	
C405.9 [EL29] <sup>2</sup>	Total voltage drop across the combination of feeders and branch circuits <= 5%.	□Complies □Does Not □Not Observable □Not Applicable	

# Additional Comments/Assumptions:

	1 High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)		
Project Title:	BLACKFOOT READINESS CENTER				Rep	ort date:	09/01/2

# **▲ COM***check* Software Version COMcheckWeb

Rough-In Electrical Inspection

reduction controls have a manual

a reasonably uniform illumination

conference/meeting/multipurpose

open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other

spaces <= 300 sqft that are enclosed

by floor-to-ceiling height partitions.

warehouses and section C405.2.1.3

C405.2.1. Occupancy sensors control function in Complies warehouses: In warehouses, the

by 50% or more when the areas are

C405.2.1. Occupant sensor control function in  $\Box$ Complies open plan office areas: Occupant

open plan office areas. Occapant

[EL20]¹ sensor controls in open office spaces

Not Observable

unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being

C405.2.1.2 for control function in

Reference section language

for open plan office spaces.

controlled by the sensor.

>= 300 sq.ft. have controls 1)

be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each

control zone is reduced by >= 80% of

the full zone general lighting power

within 20 minutes of all occupants

configured such that any daylight responsive control will activate space

general lighting or control zone general lighting only when occupancy

for the same area is detected.

C405.2.2. sensors (per C405.2.1) have time-

Project Title: BLACKFOOT READINESS CENTER

Data filename:

leaving that control zone, and 4) are

1, switch controls and functions detailed C405.2.2. In sections C405.2.2.1 and C405.2.2.2. Not Applicable

lounges/breakrooms, enclosed offices,  $\square$ Not Applicable

lighting in aisleways and open areas is controlled with occupant sensors that

automatically reduce lighting power

configured so that general lighting can  $\square$ Not Applicable

reduce the connected lighting load in

C405.2.2. Spaces required to have light-

[EL22]<sup>1</sup> control that allows the occupant to

pattern >= 50 percent.

C405.2.1. classrooms/lecture/training rooms,

C405.2.1, Occupancy sensors installed in

[EL18]<sup>1</sup> rooms, copy/print rooms,

& Req.ID

Complies?

□Not Observable

☐Not Applicable

□Not Observable

☐Complies

□Does Not

☐ Complies

□Does Not

□Does Not

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Comments/Assumptions

Report date: 09/01/23

Page 3 of 5

# **Inspection Checklist**

Energy Code: 2018 IECC

Requirements: 0.0% were addressed directly in the COM*check* software Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception

is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Complies □Does Not □Not Observable □Not Applicable	

### Additional Comments/Assumptions:

	Tes Issues as a series as a						
	1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact	(Tier 3)			
Project Title:	BLACKFOOT READINESS CENTER			Report	date: 0	9/01/2	23
Data filename:				P	age :	2 of	5

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5. 2 [FI17] <sup>3</sup>	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.4.1 [FI18] <sup>1</sup>	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	□Complies □Does Not □Not Observable □Not Applicable	See the Interior Lighting fixture schedule for values.
C408.1.1 [FI57] <sup>1</sup>	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	□Complies □Does Not □Not Observable □Not Applicable	
C408.2.5. 1 [FI16] <sup>3</sup>	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	□Complies □Does Not □Not Observable □Not Applicable	
C408.3 [FI33] <sup>1</sup>	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	□Complies □Does Not □Not Observable □Not Applicable	

Additional Comments/Assumptions:
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	1 High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)	]		
Project Title:	BLACKFOOT READINESS CENTER				Repo	t date:	09/01/	/23
Data filename:						Page	5 of	5



MUSGROVE ENGINEERING, P.A. 234 S. Whisperwood Way Boise, ID 83709 208.384.0585 645 West 25th Street Idaho Falls, ID 83402 208.523.2862 www.musgrovepa.com Project No. 23-120



architects D.a.
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BLACKFOOT READINE
260 RICH LANE
BLACKFOOT, IDAHO 832

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	2300	04
	DATE:	

DRAWN BY: CHECKED BY:







208.523.2862

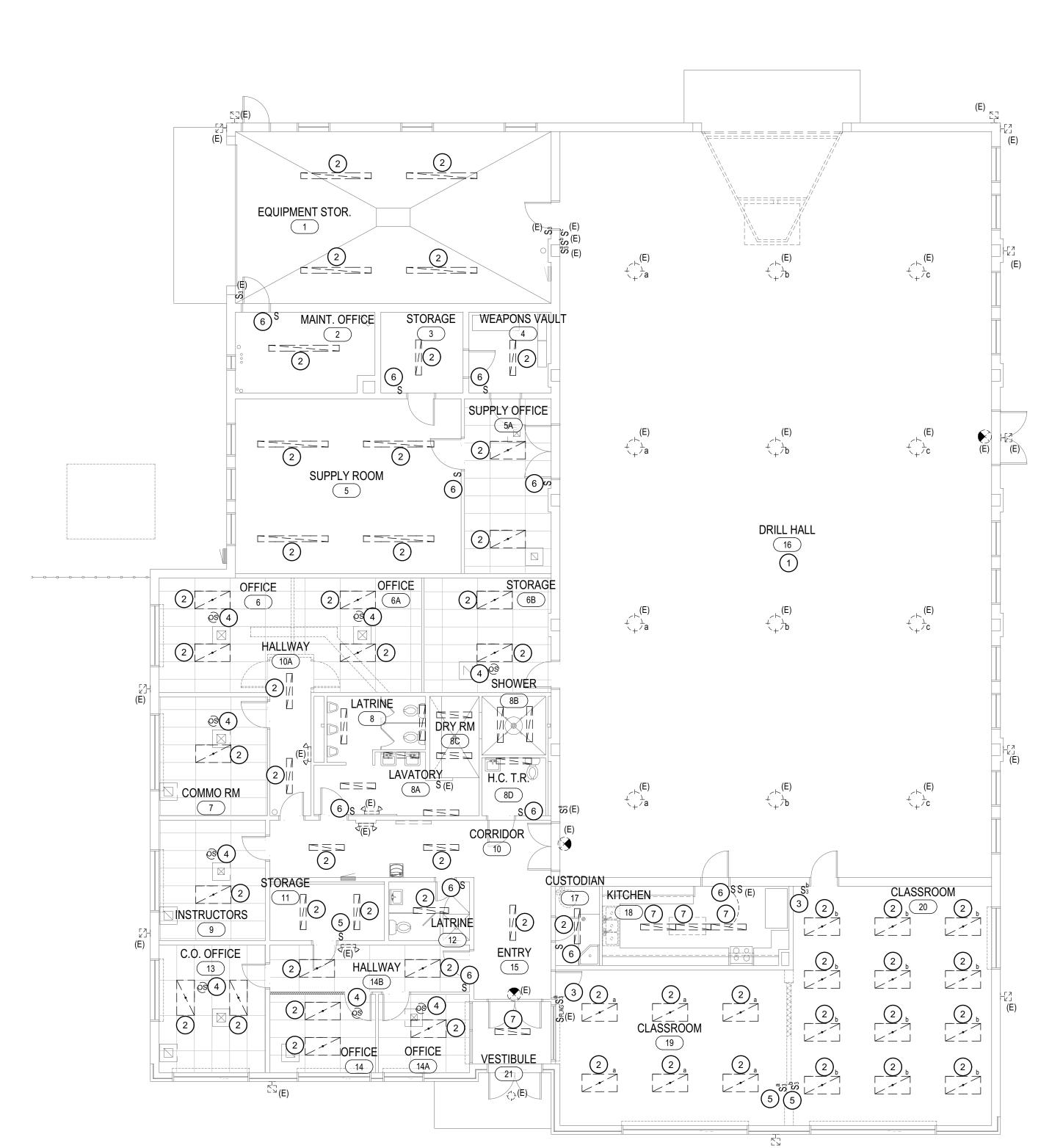
# **GENERAL NOTES:**

A. REFER TO ARCHITECTURAL DRAWINGS FOR PROJECT PHASING.

# **KEYED NOTES:**

## # SYMBOL USED FOR NOTE CALLOUT.

- 1. ROOM NOT PART OF SCOPE, NO WORK.
- 2. EXISTING LIGHTING FIXTURE TO BE REMOVED. ROOM BRANCH CIRCUIT TO REMAIN FOR REUSE.
- 3. EXISTING LIGHTING SWITCH TO BE REPLACED WITH DIMMER.
- 4. EXISTING CEILING OCCUPANCY SENSOR TO BE REMOVED.
- EXISTING LIGHTING SWITCH TO BE REMOVED.
- EXISTING LIGHTING SWITCH TO BE REPLACED WITH WALL OCCUPANCY SENSOR.
- 7. EXISTING LIGHTING FIXTURE TO BE REPLACED WITH LED FIXTURE.



DEMOLITION LIGHTING PLAN SCALE: 1/8" = 1'-0"



CENTER INESS DPW NO. 23-332

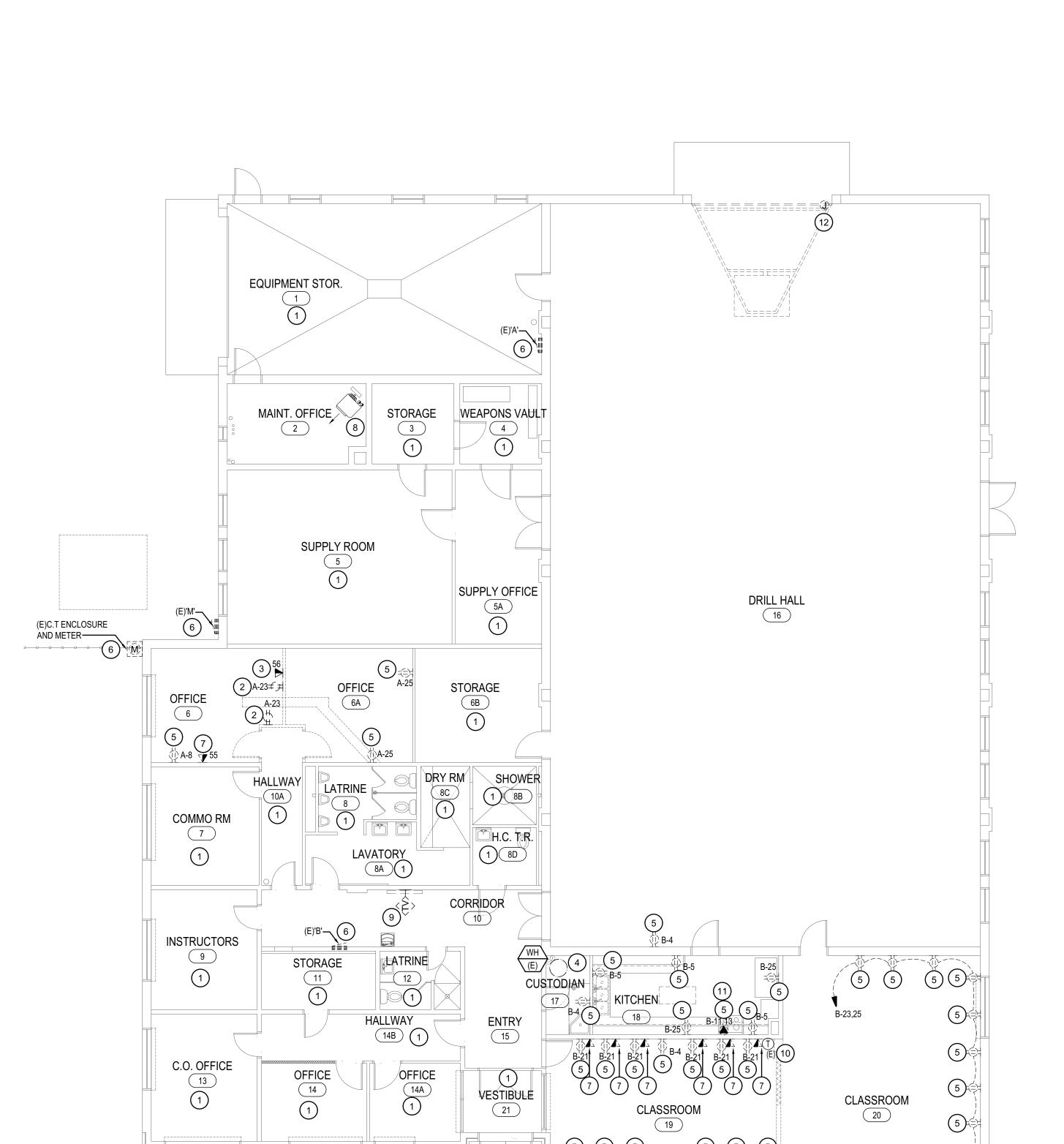
T READINESS
260 RICH LANE
LACKFOOT, IDAHO 83221

**BLACKFOOT** 

REVISIONS

NBW PROJECT NO .: 23004 August 2023 DRAWN BY: CHECKED BY: MNB







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



MUSGROVE ENGINEERING, P.A. 234 S. Whisperwood Way Boise, ID 83709 208.384.0585 645 West 25th Street Idaho Falls, ID 83402 208.523.2862 www.musgrovepa.com Project No. 23-120



# **GENERAL NOTES:**

# SYMBOL USED FOR NOTE CALLOUT.

- 2. REMOVE EXISTING RECEPTACLE, REMOVE CONDUIT BACK TO PANEL OR NEAREST JUNCTION BOX.
- REMOVE EXISTING DATA POINT, REMOVE CABLE BACK TO TELEPHONE
- 4. ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING WATER HEATER IN
- 7. EXISTING DATA DEVICE TO REMAIN, PROTECT DURING CONSTRUCTION.
- 8. ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING UNIT HEATER IN PREPARATION FOR REMOVAL. UNIT HEATER TO BE REMOVED BY MECHANICAL
- EXISTING TV TO BE REMOVED AND STORED FOR INSTALLATION IN NEW LOCATION.
- 11. ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING KITCHEN HOOD IN PREPARATION FOR REMOVAL. COORDINATE WITH MECHANICAL CONTRACTOR AND ARCHITECT PRIOR TO WORK.
- 12. ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING GARAGE DOOR IN PREPARATION FOR REMOVAL. COORDINATE WITH ARCHITECT PRIOR TO WORK.

A. REFER TO ARCHITECTURAL DRAWINGS FOR PROJECT PHASING.

**KEYED NOTES:** 

- 1. ROOM NOT PART OF SCOPE, NO WORK.

- PREPARATION FOR REMOVAL. WATER HEATER TO BE REMOVED BY MECHANICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO WORK.

5. EXISTING RECEPTACLE TO REMAIN, PROTECT DURING CONSTRUCTION.

- EXISTING PANEL TO REMAIN, PROTECT DURING CONSTRUCTION.
- CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO WORK.
- 10. ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING THERMOSTAT IN PREPARATION FOR REMOVAL. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO WORK.

A DWarchitects D. a. BOD JOHN ROAMS PARKWAY 2 P.D. BON 2212 / IDAHO FALLS, IDAHO B3403-2212 (P) 208.522.879 (F) 208.522.8785 (W) nbwarchitects.com

CENTE INESS

BLACKFOOT READINE
260 RICH LANE
BLACKFOOT, IDAHO 83

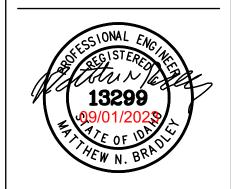
REVISIONS

NBW PROJECT NO.: 23004 DATE: August 2023 DRAWN BY: CHECKED BY: MNB





MUSGROVE ENGINEERING, P.A. 234 S. Whisperwood Way Boise, ID 83709 208.384.0585 645 West 25th Street Idaho Falls, ID 83402 208.523.2862 www.musgrovepa.com Project No. 23-120



# GENERAL NOTES:

- 1. ROOM NOT PART OF SCOPE, NO WORK.
- 4. PROVIDE AND INSTALL DUAL TECHNOLOGY CEILING MOUNT SMALL MOTION OCCUPANCY SENSOR AND CONNECT WITH LOW VOLTAGE CABLE AS
- PROVIDE AND INSTALL LOW VOLTAGE CABLE BETWEEN CEILING MOUNT OCCUPANCY SENSORS, LOW VOLTAGE SWITCH, AND POWER PACK AS
- PROVIDE AND INSTALL 0-10V DIMMING CONDUCTORS AND 24V LOW VOLTAGE
- 7. LIGHTING FIXTURE SHALL HAVE INTEGRAL OCCUPANCY SENSOR, SEE FIXTURE
- 8. CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT IN ROOM.

A. REFER TO ARCHITECTURAL DRAWINGS FOR PROJECT PHASING.

# **KEYED NOTES:**

# # SYMBOL USED FOR NOTE CALLOUT.

- 2. PROVIDE AND INSTALL 0-10V DIMMING CONDUCTORS TO ALL LIGHTS CONTROLLED
- 3. PROVIDE AND INSTALL POWER PACK COMPATIBLE WITH CEILING OCCUPANCY
- RECOMMENDED BY THE MANUFACTURER.
- RECOMMENDED BY THE MANUFACTURER.
- CABLE BETWEEN POWER PACK AND SWITCH AS RECOMMENDED BY THE MANUFACTURER.
- SCHEDULE.

CENTER INESS DPW NO. 23-332

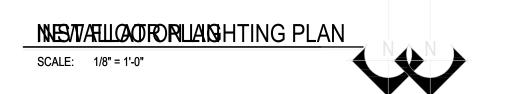
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260 RICH LANE
ACKFOOT, IDAHO 8

BLACKFOOT

REVISIONS

NBW PROJECT NO.: 23004 August 2023 DRAWN BY: CHECKED BY: MNB









MUSGROVE ENGINEERING, P.A.

234 S. Whisperwood Way Boise, ID 83709 208.384.0585

645 West 25th Street Idaho Falls, ID 83402 208.523.2862 www.musgrovepa.com Project No. 23-120



# **GENERAL NOTES:**

A. REFER TO ARCHITECTURAL DRAWINGS FOR PROJECT PHASING.

# **KEYED NOTES:**

(#) SYMBOL USED FOR NOTE CALLOUT.

- 1. ROOM NOT PART OF SCOPE, NO WORK.
- 2. SEE SHEET E1.7 FOR POWER/DATA FLOOR BOX ROUGH-IN ELEVATION DETAIL.
- 3. COORDINATE SAW CUTTING EXISTING CONCRETE WITH OWNER.
- 4. ELECTRICAL CONTRACTOR TO RECONNECT NEW WATER HEATER TO EXISTING CIRCUIT.
- 5. SEE SHEET E1.7 FOR POWER/DATA ROUGH-IN ELEVATION DETAIL.
- 6. ELECTRICAL CONTRACTOR TO RECONNECT NEW UNIT HEATER TO EXISTING CIRCUIT.
- CIRCUIT.7. SEE SHEET E1.7 FOR RECESSED ENTERTAINMENT BOX ELEVATION DETAIL.
- 8. CONNECT TO NEAREST EXISTING RECEPTACLE CIRCUIT.
- 9. ELECTRICAL CONTRACTOR TO RECONNECT NEW KITCHEN HOOD TO EXISTING CIRCUIT
- 10. ELECTRICAL CONTRACTOR TO RECONNECT NEW THERMOSTAT. COORDINATE WITH MECHANICAL CONTRACTOR AND ARCHITECT PRIOR TO WORK.
- 11. ELECTRICAL CONTRACTOR TO RECONNECT NEW GARAGE DOOR. COORDINATE WITH ARCHITECT PRIOR TO WORK.

EQUIPMENT STOR. MAINT. OFFICE 6 WEAPONS VAULT STORAGE SUPPLY OFFICE DRILL HALL (E)C.T ENCLOSURE AND METER——— STORAGE 6B ∰ A-8 🦅 55 DRY RM LATRINE 7 1 LAVATORY 8A 1 CORRIDOR 10 INSTRUCTORS 9 STORAGE B-5 KITCHEN CUSTODIAN B-21 B-21 B-21 B-21 B-21 B-21 B-21 (unit-#) HALLWAY

14B

1 15 C.O. OFFICE

13

1 OFFICE

14A

1 OFFICE

14

1 VESTIBULE CLASSROOM CLASSROOM 20 19

GFCI protection of outlets throughout per the requirements of NEC 210.8B.

INSTALLATION POWER PLAN

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



B-19 B-19 B-4 B-19 B-19 B-19

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DPW NO. 23-332

T READINE
260 RICH LANE
ACKFOOT, IDAHO 8

NBW PROJECT NO.:
23004
DATE:
August 2023

23004
DATE:
August 2023
DRAWN BY:
CCJ
CHECKED BY:
MNB
DRAWING NO.:

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4695 TOTAL VA

MUSGROVE ENGINEERING, P.A. 234 S. Whisperwood Way Boise, ID 83709 208.384.0585 645 West 25th Street Idaho Falls, ID 83402 208.523.2862 www.musgrovepa.com Project No. 23-120



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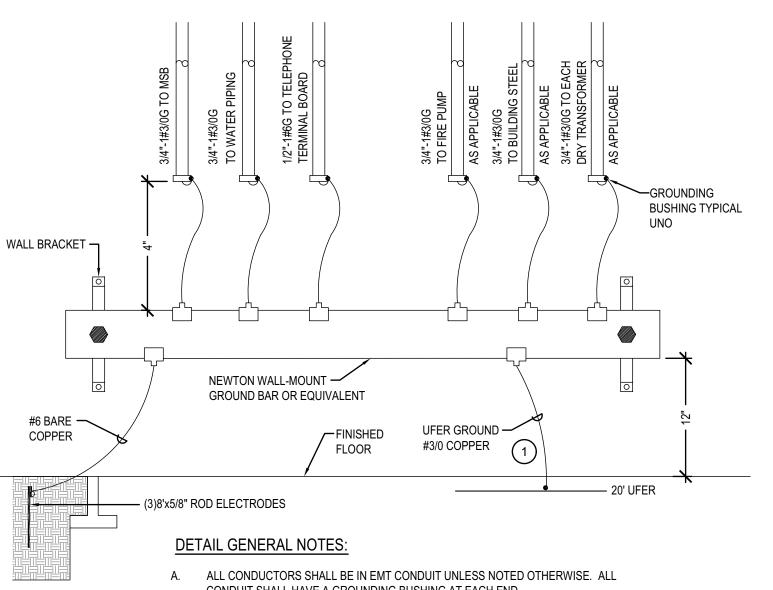
REVISIONS

NBW PROJECT NO.: 23004 DATE: August 2023 DRAWN BY: CHECKED BY: MNB

DRAWING NO.:

EXISTING C.T. CABINET TO BE INSTALLED BY ELECTRICAL CONTRACTOR ------- EXISTING 3"?C 4-600 MCM, 1#6 G EXISTING METER AND METER BASE -----EXISTING 1" CONDUIT -----MAXIMUM SYMMETRICAL RMS — FAULT CURRENT (TYPICAL OF SYMBOL) XX,XXX XX,XXX EXISTING PANEL M, 208Y/120, 400A 3Ø, 4W EXISTING PAD MOUNT BUSSED TRANSFORMER ----EXISTING UNDERGROUND PRIMARY CONDUIT - -RE: GROUNDING // BAR DETAIL----SPARE SPARE SPARE **GENERAL NOTES:** 225A A. CONDUIT, CONDUCTORS AND AIC CALCULATIONS FOR ALL PANEL SERVICE, PANEL AND EQUIPMENT FEEDERS INDICATED ON THE ONE-LINE HAVE BEEN SIZED BASED ON COPPER. THE XX,XXX CONTRACTOR MAY USE COMPRESSED ALUMINUM CONDUCTORS FOR THESE FEEDERS PROVIDING THE CONDUIT, CONDUCTOR SIZES AND AIC CALCULATIONS ARE ADJUSTED AS REQUIRED TO MEET ALL NATIONAL ELECTRICAL CODE REQUIREMENTS. B. FURNISH AND INSTALL ENGRAVED LABEL ON THE FRONT OF ALL ELECTRICAL EQUIPMENT NOTING THE AVAILABLE FAULT CURRENT VALUE SHOWN. EXISTING 100A PANEL XX,XXX

EXISTING SINGLE LINE DIAGRAM



- CONDUIT SHALL HAVE A GROUNDING BUSHING AT EACH END.
- B. ALL CONNECTIONS SHALL BE EXOTHERMIC WELD, LISTED PRESSURE CONNECTORS, LISTED CLAMPS OR OTHER LISTED MEANS.
- C. PROVIDE BONDING OF GAS PIPING PER NEC 250.104(B)(1).

## DETAIL KEYED NOTES:

# # SYMBOL USED FOR NOTE CALLOUT.

UFER GROUND TO BE 20' OF #4 AWG COPPER OR 1/2" MINIMUM DIAMETER STEEL REINFORCING BAR PER 250.52.

# EXISTING GROUND BAR DIAGRAM

SCALE: NTS

PA	ANEL: (E)A	PROJE	CT: BLAC	KFOOT	READIN	JESS	CENTER									
VOL1	TAGE: 208 / 120 V	3	PH	4	WIRE		AM PERE R	ATING:	225A	WIT	ТН	225A	MLO		MOUNTING: SURFACE	
BASI	IS OF DESIGN PANEL TYPE:	PANEL	BOARD				NEM A ENC	LOSURE TY	PE:	1				PANE	L AIC RATING: 10000 AIC	
CKT	NOTES:						REMARKS:									
1. EX	(ISTING BREAKER															
2. NE	EW/REUSED BREAKER															
3. GF	FCI FOR PERSONNEL PROTECTION (5mA)															
		CKT	LOAD	LOAD				LOAD (VA)		AMPS		LOAD		CKT		
CKT	DESCRIPTION	NOTE	VA	AMPS			А	В	С	POLE	S	AMPS	VA	NOTE	DESCRIPTION	СК
1	LIGHTS RM 16	1		0.0	20	1	0		7	20	1	0.0		1	RECEPTS RM 1&2	2
3	LIGHTS RM 16	1		0.0	20	1		0		20	1	0.0		1	SPARE	4
5	LIGHTS RM 16	1		0.0	20	1		7	0	20	1	0.0		1	RECEPTS RM 5A	6
7	LIGHTS RM 1	1		0.0	20	1	0		_	20	1	0.0		1	RECEPTS RMS 5A, 6, 7, 16	8
9	LIGHTS RM 2, 3, 4, 5, 5A, 6, 6A, 6B, 7	1		0.0	20	1		0		20	1	0.0		1	RECEPTS RM 16, EXTERIOR LIGHTS	10
11	LIGHTS RM 7, 8, 8A, 8B, 8C	1		0.0	20	1		_	312	20	1	2.6	312	1	RH-1	12
13	DOOR OPENER RM 1	1		0.0	20	1	312		_	20	1	2.6	312	1	RH-2	14
15	DOOR OPERATOR RM 16	1		0.0	20	1		312		20	1	2.6	312	1	RH-3	16
17	UNIT HEATER RM 1	1		0.0	20	1			1253	20	3	10.4	1253	1	ELECTRIC HEATER RM 2	18
19	EXTERIOR LIGHTS	1		0.0	25	1	1253			**	*	10.4	1253	1	***	20
21	DEDICATED CIRCUIT RM 4	1		0.0	20	1		1253	]	**	*	10.4	1253	1	***	22
23	RECEPTS RM 6, 6A	1		0.0	20	1	]		0	30	2	0.0		1	STORA GE BUILDING	24
25	RECEPTS RM 6B, 6C	1		0.0	20	1	0			**	*	0.0		1	***	26
27	EXTERIOR FLOOD LIGHTS	1		0.0	20	1		0	]	30	2	0.0		1	STORA GE TRAILER	28
29	SPARE	1		0.0	30	2	1		0	**	*	0.0		1	***	30
31	***	1		0.0	**	*	0			20	1	0.0		1	SPARE	32
33	BLANK							0	]	20	1	0.0		1	SPARE	34
35	BLANK						1		0	20	1	0.0		1	SPARE	36
37	BLANK						0			100	3	0.0	0	1	PANEL B	38
39	BLANK							0	]	**	*	0.0	0	1	***	40
41	BLANK					t	1		0	**	*	0.0	0	1	***	42

PA	ANEL: (E)B	PROJE	CT: BLAC	KFOOT	READINI	ESS	CENTER									
VOL1	TAGE: 208 / 120 V	3	PH	4	WIRE		AM PERE R	ATING:	100A	WIT	ГН	100A	СВ		MOUNTING: SURFACE	
BASI	IS OF DESIGN PANEL TYPE:	'					NEM A ENC	LOSURE TYP	E:	1				PANE	L AIC RATING: 10000 AIC	
CKT	NOTES:						REM ARKS:									
I. EXI	(ISTING BREAKER															
2. NE	EW/REUSED BREAKER															
3. GF	FCI FOR PERSONNEL PROTECTION (5mA)	)														
		CKT	LOAD	LOAD	AMPS/			LOAD (VA)		AMPS	6/	LOAD	LOAD	CKT		
CKT	DESCRIPTION	NOTE	VA	AMPS	POLES		Α	В	С	POLE	s	AMPS	VA	NOTE	DESCRIPTION	CK
1	LIGHTS RM 17, 18, 19	1		0.0	20	1	0			20	1	0.0		1	LIGHTS RMS 6C, 9, 10, 11, 12, 13, 14, 14A, 14,	2
3	LIGHTS RM 20	1		0.0	20	1		0		20	1	0.0		1	RECEPTS RMS 16, 17, 19, 20	4
5	RECEPTS RM 18	1		0.0	20	1			0	20	1	0.0		1	RECEPTS RMS 7, 8, 9, 10, 13	6
7	RECEPTS RMS 13, 14	1		0.0	20	1	0			20	1	0.0		1	SPARE	8
9	DATA/COMM HEAD END	1		0.0	20	1		0		20	1	0.0		1	GAS WATER HEATER RM 17	10
11	RANGE RECEPT RM 18	1		0.0	50	2			0	20	1	0.0		1	RECEPTS RM 19, 20	12
13	***	1		0.0	**	*	0			20	1	0.0		1	ROOFTOP RECEPTS	14
15	DATA WIRING RECEPT RM 14, 14A	1		0.0	20	1		0		20	1	0.0		1	RECEPTS RM 7	16
17	DATA WIRING RECEPT RM 14, 14A	1		0.0	20	1			0	20	1	0.0		1	RECEPTS RM 7	18
19	DATA WIRING RECEPT RM 19	1		0.0	25	1	0			20	1	0.0		1	SPARE	20
21	DATA WIRING RECEPT RM 19	1		0.0	20	1		0		20	1	0.0		1	SPARE	22
23	DATA WIRING RECEPT RM 20	1		0.0	20	1			0	20	1	0.0		1	SPARE	24
25	DATA WIRING RECEPT RM 20	1		0.0	20	1	0			20	1	0.0		1	SPARE	26
27	SPARE	1		0.0	20	1		0		20	1	0.0		1	SPARE	28
29	SPARE	1		0.0	20	1			0	20	1	0.0		1	SPARE	30
							0.0	0.0	0.0	VA						
							0.0	0.0	0.0	AMPS	3			0	TOTAL VA	

1565.0 1565.0 1565.0 VA

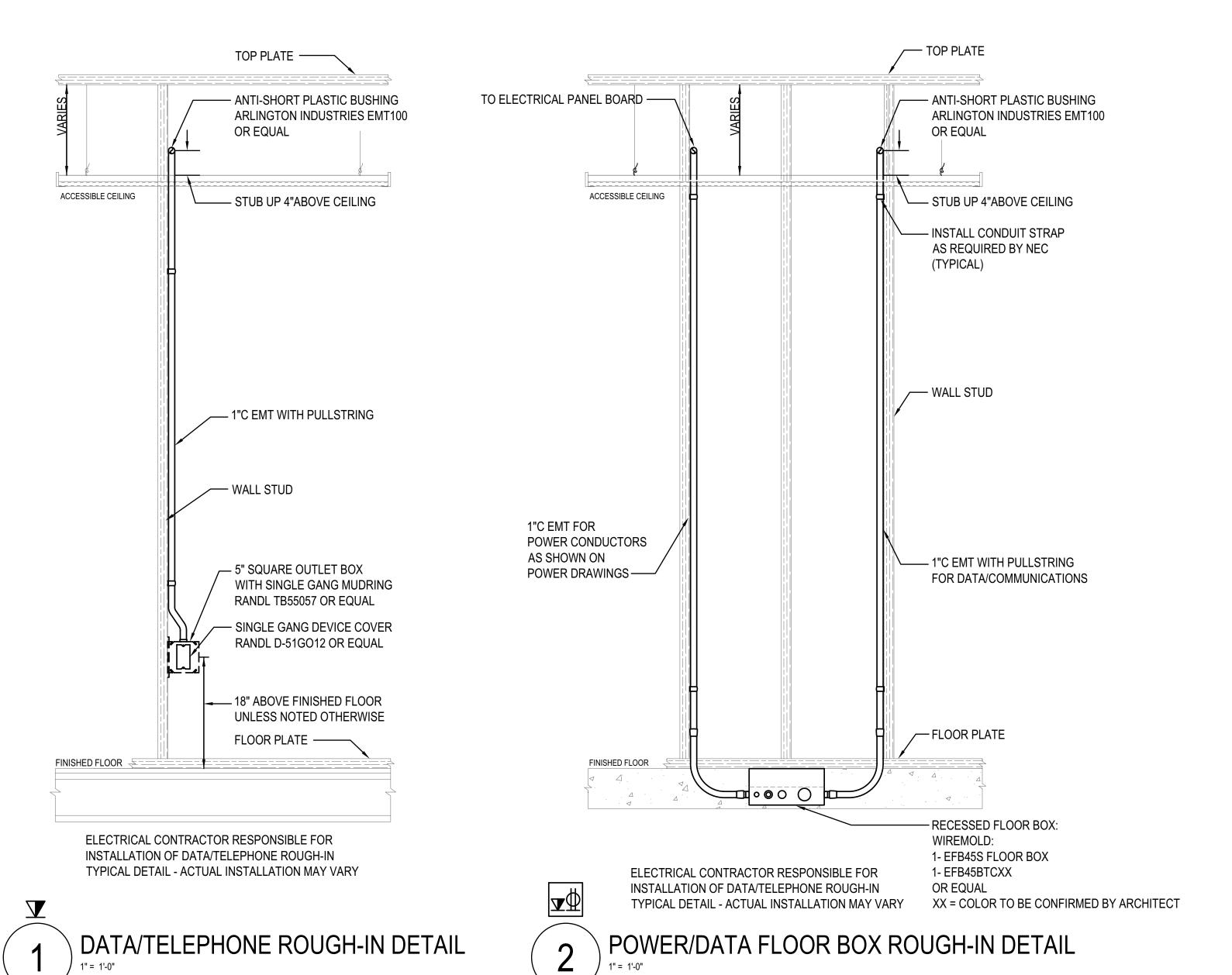
13.0 13.0 13.0 AMPS

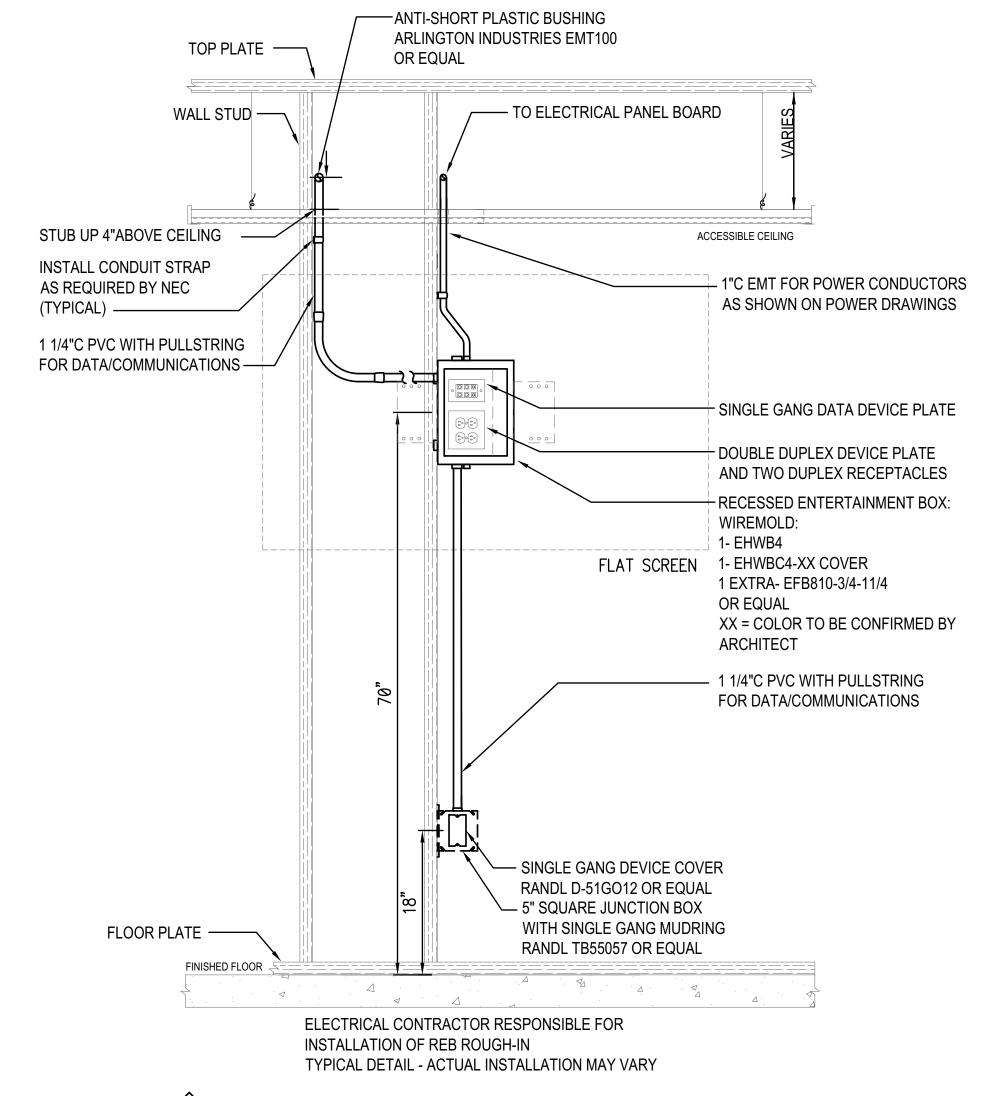
	NEL: (E)M						CENTER			1			ı				
VOLT	Γ <b>AGE</b> : 208 / 120 V	3	PH	4	WIRE		AMPERE RA	ATING:	400A	WIT	H	400A	СВ		MOUNTING	: SURFACE	
BASI	S OF DESIGN PANEL TYPE:	PA NEL	BOARD				NEM A ENC	OSURE TYP	E:	1				PANE	L AIC RATING:	10000 AIC	
CKT I	NOTES:						REMARKS:										
1. EXI	ISTING BREAKER																
2. NE	W/REUSED BREAKER																
3. GF	CI FOR PERSONNEL PROTECTION (5m/	<b>(</b> )															
		CKT	LOAD	LOAD	AMPS/	/		LOAD (VA)		AMPS	/	LOAD	LOAD	CKT			
CKT	DESCRIPTION	NOTE	VA	AMPS	POLES		Α	В	С	POLES	S	AMPS	VA	NOTE		DESCRIPTION	Cł
	PANEL A	1	1565	13.0	200	3	1565			100	3	0.0		1	SPARE		
1	***	1	1565	13.0	**	*		1565		**	*	0.0		1	***		2
	***	1	1565	13.0	**	*			1565	**	*	0.0		1	***		
	RTU-1	1	3130	26.1	30	3	6260			30	3	26.1	3130	1	RTU-2		
3	***	1	3130	26.1	**	*		6260		**	*	26.1	3130	1	***		4
	***	1	3130	26.1	**	*			6260	**	*	26.1	3130	1	***		
	RTU-3	1	3130	26.1	30	3	3130	]		100	3	0.0		1	SPARE		
5	***	1	3130	26.1	**	*		3130		**	*	0.0		1	***		6
	***	1	3130	26.1	**	*			3130	**	*	0.0		1	***		
	SPARE	1		0.0	30	3	0			30	3	0.0		1	SPARE		
7	***	1		0.0	**	*		0		**	*	0.0		1	***		8
	***	1		0.0	**	*			0	**	*	0.0		1	***		
	BLANK					П	0	] '							BLANK		
9						П		0			П						10
						П			0								
		•					10955.0	10955.0	10955.0	VA					•		
							91.3	91.3	91.3	AMPS					TOTAL VA		

FEEDED	VOLTAGE		CONNECTED LOAD (KVA)								TOTAL CONNECTED LOAD		TOTAL DEMAND LOAD	
FEEDER	VOLTAGE	LIGHTING	RECEP	MOTORS	KITCHEN	HVAC	ELEC HEAT	WATER HEAT	MISC	EXIST	KVA	AMPS	KVA	AMPS
(E)A	120/208Y	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	4.7	13.0	4.7	13.0
(E)B	120/208Y	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	120/208Y										0.0	0.0	0.0	0.0
TOTAL	120/208Y	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	4.7	13.0	4.7	13.0









RECESSED ENTERTAINMENT BOX DETAIL

1 G / I N T E R I O R S
O FALLS, IDAHO 83403-2212
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S INES DPW NO. 23-332

T READINE
260 RICH LANE
LACKFOOT, IDAHO 8

**BLACKFOOT** 

REVISIONS

NBW PROJECT NO .: 23004 DATE: August 2023 DRAWN BY: CHECKED BY: MNB DRAWING NO.:







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TYPE	DESCRIPTION	MTG.	LAMPS	WATTS	MFG. & CATALOG NUMBER	OR EQUAL BY	NOTES
	2X4 RECESSED VOLUMETRIC LIGHT FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
A1	MVOLT, 82CRI, 3000 LUMENS, 0- 10V DIM	RECESSED	4000K	23	2BLT4-30L-ADPT-EZ1-LP840	METALUX	1
						H.E. WILLIAMS	
	2X4 RECESSED VOLUMETRIC LIGHT FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
A2	4000 LUMENS	RECESSED	4000K	32	2BLT4-40L-ADPT-EZ1-LP840	METALUX	1
	0-10 VOLT DIMMING					H.E. WILLIAMS	
	2X4 RECESSED VOLUMETRIC LIGHT FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
A3	6000 LUMENS	RECESSED	4000K	47	2BLT4-60L-ADPT-EZ1-LP840	METALUX	1
	0-10 VOLT DIMMING					H.E. WILLIAMS	
	4' WRAP LED FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
В	4000 LUMENS, INTEGRAL OCCUPANCY SENSOR	SURFACE	4000K	37	BLWP4-40L-ADPT-EZ1-LP840-MSD7ADCX	METALUX	1
	WHITE FINISH					H.E. WILLIAMS	
	4' WRAP LED FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
B1	4000 LUMENS	SURFACE	4000K	37	BLWP4-40L-ADPT-EZ1-LP840	METALUX	1
	WHITE FINISH					H.E. WILLIAMS	
	4' LINEAR LED FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
С	5000 LUMENS, MVOLT, 0-10V DIMMING, WHITE FINISH	SURFACE	4000K	34.8	CLX-L48-5000LM-SEF-WDL-MVOLT-GZ10-40K-80CRI-WH	METALUX	1
						H.E. WILLIAMS	
	VAPOR TIGHT LED STRIP LIGHT				LITHONIA NO.	LIGHTOLIER	
D	3000 LUMENS	SURFACE	LED	24	CSVT-L48-3000LM-MVOLT-40K-80CRI	METALUX	1
						H.E. WILLIAMS	
	INTEGRATED EXIT/UNIT COMBO FIXTURE				LITHONIA NO.	LIGHTOLIER	
Е	GREEN EXIT LED	SURFACE	LED	2.32	ECBG LED M6	METALUX	1
						H.E. WILLIAMS	
	4' LINEAR LED FIXTURE		LED		LITHONIA NO.	LIGHTOLIER	
F	1000 LUMENS, WIDE DIFFUSE LENS, MVOLT, 0-10V DIMMING	SURFACE	4000K	49	CLX-L48-10000LM-SEF-WDL-MVOLT-GZ10-40K-80CRI-PS1050-WH	METALUX	1
	10W EMERGENCY SELF-DIAGNOSTIC BATTERY PACK, WHITE FINISH					H.E. WILLIAMS	

# SWITCH AND OCCUPANCY SENSOR LEGEND

- Sos1 OCCUPANCY SENSOR WALL MOUNT, SINGLE TECHNOLOGY, 120-277V, SINGLE POLE, MULTI-WAY SENSOR SWITCH WSXA-MWO-XX OR EQUAL
- S<sub>0S2</sub> OCCUPANCY SENSOR WALL MOUNT, SINGLE TECHNOLOGY, DIMMING, 120-277V, SINGLE POLE, MULTI-WAY SENSOR SWITCH WSXA-MWO-D-XX OR EQUAL
- ©S OCCUPANCY SENSOR CEILING MOUNT, DUAL TECHNOLOGY, LOW VOLTAGE, SMALL MOTION SENSOR SWITCH CM-PDT-9 OR EQUAL
- PP POWER PACK 120 VOLT, 15 VDC
- SENSOR SWITCH PP20 OR EQUAL

1 SUBSTITUTIONS WILL BE ALLOWED IF SUBMITTED PRIOR TO BID DATE BY THE GREATER OF: 7 BUSINESS DAYS OR THE TIME PERIOD SPECIFIED BY DIVISION 1 SPECIFICATIONS, AND IF DEEMED EQUAL BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING SUBSTITUTED FIXTURES

MEET OR EXCEED THE SPECIFICATIONS OF THE FIXTURES SPECIFIED.

S<sub>D</sub> DIMMING SWITCH - WALL MOUNT, 120/277V, ON/OFF/DIM, REQUIRES POWER PACK AND 24V TO SWITCH SENSOR SWITCH SPODMA-MWO OR EQUAL

XX=VERIFY COLOR WITH ARCHITECT PRIOR TO ORDER

EQUAL PRODUCTS FROM WATTSTOPER, LUTRON, LEGRAND, AND EATON WILL BE ACCEPTED

All Inbwarchitects D.a.

RRCHITECTURE/PLANNING/INTERIORS

990 JOHN RORMS PARKWAY / P.O. BOX 2212 / IDAHO FALLS, IDAHO 83403-2212

[P] 208.522.8779 [F] 208.522.8785 [W] nbwarchitects.com

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BLACKFOOT READINESS (
260 RICH LANE
BLACKFOOT, IDAHO 83221

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REVIS	IONS	
AIDW.		

NBW PROJECT NO.: 23004 August 2023 DRAWN BY: CHECKED BY:



### COMMERCIAL

### PLAN REVIEW NOTES

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

### BLD2307-00115

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

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

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

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

### 107.4 2018 IBC. Amended construction documents.

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

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

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

Construction safeguards of section 3302 of the 2018 IBC shall be followed at all times during the demolition and construction process. It is the responsibility of the design professional, contractor, and owner to ensure that all safeguards are taken within the scope of this project to ensure safety to all workers, pedestrians, and tenants during any construction operations.

1704.2 Special inspections and tests. Where application is made to the building official for construction as specified in Section 105, the owner or the owner's authorized agent, other than the contractor, shall employ one or more approved agencies to provide special inspections and tests during construction on the types of work specified in Section 1705 and identify the approved agencies to the building official. These special inspections and tests are in addition to the inspections by the building official that are identified in Section 110.

The Special inspection report is to be shown to the building inspector upon building inspection.

A final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests, shall be submitted at a point in time agreed upon prior to the start of work by the owner or the owner's authorized agent to the building official.

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

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

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

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

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