

DPW 2021605 IDVS CEMETERY PROJECTS, BLACKFOOT: STORAGE BUILDING

BLACKFOOT, IDAHO

Attention Building Inspector:
Ensure that all deferred submittal items
have been submitted to and approved
by the DOPL Building Department prior
to performing any inspections.

SYMBOLS LEGEND		
DETAIL		DETAIL NUMBER DETAIL TITLE TAG PAGE NUMBER
ELEVATION		DETAIL NUMBER ELEVATION TITLE TAG PAGE NUMBER
SECTION		DETAIL NUMBER SECTION TITLE TAG PAGE NUMBER
TITLE		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	
	NORTH ARROW	
	REVISION TAG	
	ROOM ROOM NAME ROOM NAME TAG ROOM NUMBER	
	SECTION NUMBER WALL SECTION TAG PAGE NUMBER	
	WALL TYPE TAG	
	WINDOW TAG	

CODE ANALYSIS			
GOVERNING CODES:			
BUILDING/STRUCTURAL:	2018 IRC		
ELECTRICAL:	2018 NEC		
CONSTRUCTION TYPE:			
TYPE V - B			
BUILDING OCCUPANCY GROUP:			
ST			
ALLOWABLE AREA CALCULATIONS (SEC. 503)			
OCC. GROUP	ALLOWABLE	INCREASED	696.2 FRONTAGE (75%)
ST	9,000	6,750	
TOTAL SQ. FT.	9,000 SQ. FT.	6,750	15,750 SQ. FT.
AREA BY OCCUPANCY GROUP (ACTUAL)			
ST	MAIN LEVEL	2,795 SQ. FT.	
OCCUPANT LOAD			
TOTAL OCCUPANT LOAD 1/300sf		10	

CONSULTANTS	
ELECTRICAL ENGINEER:	MUSGROVE ENGINEERING 645 WEST 29th STREET IDAHO FALLS, ID. 83402 TELEPHONE: (208) 523-2862

DRAWING INDEX	
GENERAL	
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A1.0	FLOOR PLANS, ELEVATIONS AND BUILDING SECTIONS
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Agency Construction Approval		
CONSTRUCTION APPROVAL BY RESPONSIBLE CHIEF OFFICER OF INSTITUTION OR AGENCY		
(IDAHO CODE 67-5710)		
This is to indicate that I or my delegated staff have reviewed the final plans and specifications for:		
2021605 IDVS: Cemetery Projects, Blackfoot		
DPW Project No.		
2021605		
This project incorporates the required program elements within the funding limitations authorized, and authorizes the Division of Public Works to proceed with bidding of the project. If acceptable bids are received, I will approve awarding a contract and construction of the facilities in accordance with the plans and specifications.		
Agency:		
Agency Signature Authority:		
Approval Approved Date: 11-Jun-2021		
Name or Role	Status	Actions
1. Agency - Signature Authority	Approved Debbie Spence 02-Jun-2021 08:29 AM MST	
2. Project Manager	Approved Martin Santoyo 04-Jun-2021 08:53 AM MST	Comments: Section 7 4113.16, 1.7 State of Idaho warranty forms are not attached. Also, in section B, change warranty period from 5 years to 20 years.
3. Project Manager Senior	Approved Morgan Kennedy GSR PM 04-Jun-2021 09:10 AM MST	
4. DPW Administrator	Approved Pat Donaldson 04-Jun-2021 10:43 AM MST	

The deferred submittal items shall be submitted by the contractor to the DOPL Building Department for plan review and approval prior to receiving a building permit.

DEFERRED SUBMITTAL ACTIONS:	
CONTRACTOR SHALL SUBMIT DESIGN OF PRE-ENGINEERED STEEL BUILDING, PRE-ENGINEERED STEEL MEZANINE ASSEMBLY AND DESIGN OF FOOTINGS AND FOUNDATIONS AT LEAST ONE WEEK BEFORE THE MEET FOR AND INSPECTION ON THAT PART OF THE BUILDING.	
THIS NEEDS TO INCLUDE AT LEAST THE FOLLOWING:	
• THE ENGINEERED DESIGN FOR THE STEEL BUILDING INCLUDING ANY REQUIREMENTS FOR SPECIAL INSPECTION OF THE HIGH STRENGTH BOLTING.	
• THE ENGINEERED DESIGN FOR THE STEEL MEZANINE ASSEMBLY INCLUDING ANY REQUIREMENTS FOR SPECIAL INSPECTION OF THE HIGH STRENGTH BOLTING.	
• THE ENGINEERED DESIGN FOR THE FOUNDATION INCLUDING A STATEMENT OF SPECIAL INSPECTIONS.	

A mezzanine is not approved for this project.



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BLACKFOOT, IDAHO

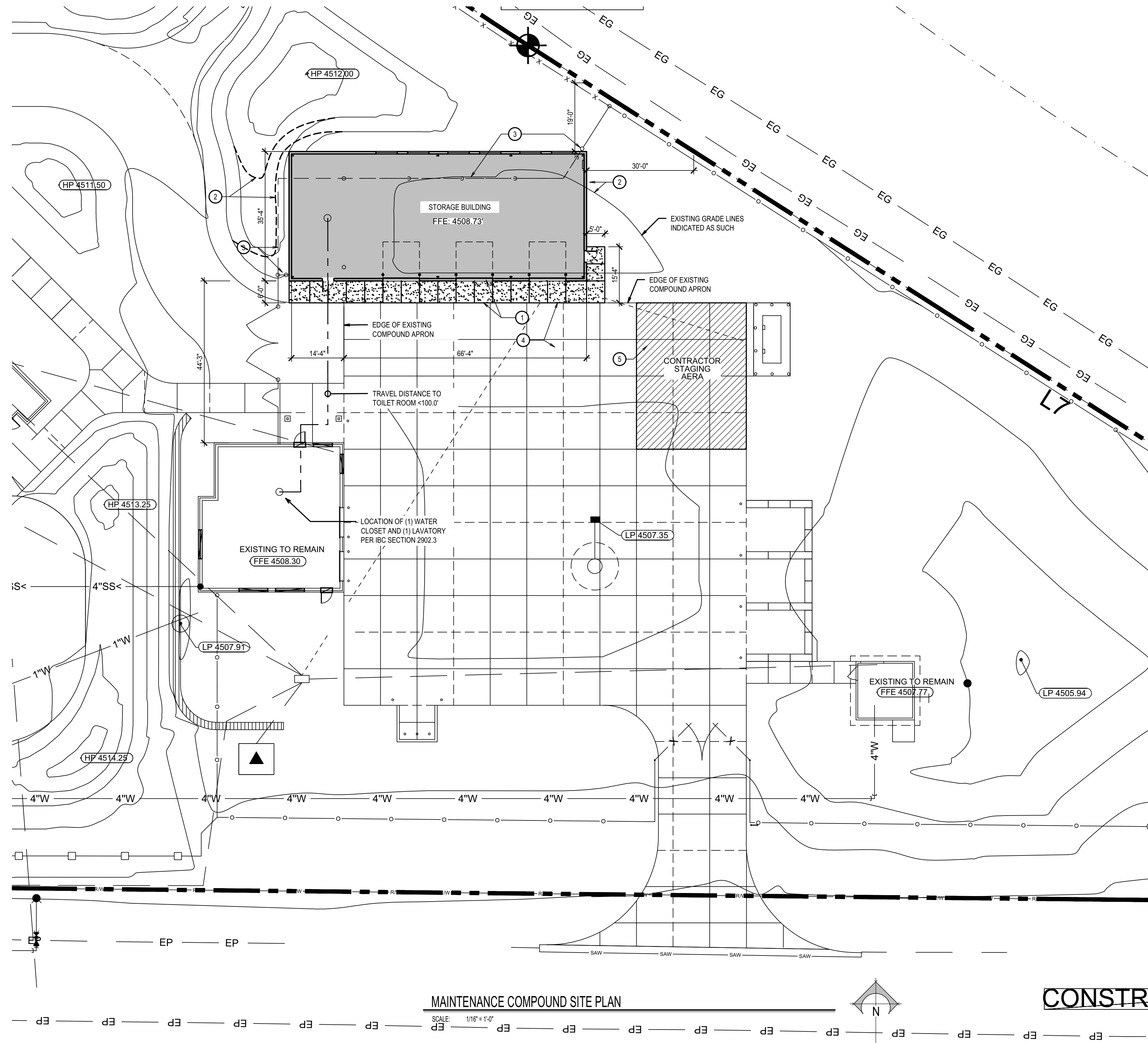


nbw architects p.a.
ARCHITECTURE / PLANNING / INTERIORS
SCOTT L. NIELSON, A.I.A., KEVIN R. BODILY, A.I.A., JAMES H. WYATT, A.I.A.
900 JOHN ADAMS PARKWAY, P.O. BOX 2212 - IDAHO FALLS, IDAHO 83402-2212
(208) 522-8778 | (208) 522-8785 | ID | nbwarchitects.com

PROJECT:	
REVISIONS	
PROJECT NO.:	NBW 20026
DATE:	FEB 2021
DRAWN BY:	CGK
CHECKED BY:	JW
DRAWING NO.:	

TS1.0

TITLE SHEET



GENERAL NOTES

- WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL OWNER PROPERTY DAMAGED AS A RESULT OF NEW CONSTRUCTION.
- THE DRAWING SET IS INTENDED AS A BASIS OF DESIGN. THE INFORMATION CONTAINED WITHIN IS INTENDED AS THE GENERAL CRITERIA FOR THE DESIGN.
- ALL MAN DOOR LANDINGS SHALL COMPLY WITH ADA REQUIREMENTS FOR SLOPE.

KEYNOTES

1. 6" CONCRETE APRON WITH #4 REBAR @ 24" O.C. EACH WAY. SLOPE FROM FINISHED FLOOR ELEVATION TO EXISTING CONCRETE DRIVE ELEVATIONS.
2. GRADE PERIMETER OF BUILDING CONSTRUCTION EXCAVATION TO MATCH EXISTING GRACES. REPAIR EXISTING LANDSCAPE IRRIGATION AND LANDSCAPE LAWN.
3. DEMOLISH PORTION OF EXISTING CHAIN LINK FENCE TO ACCOMMODATE NEW BUILDING CONSTRUCTION. SECURE FENCE ENDS ADJACENT TO NEW BUILDING AS REQUIRED.
4. EXISTING CONCRETE DRIVE TO REMAIN.
5. CONTRACTOR STAGING AREA.

DPW 2021605 IDVS

CEMETERY PROJECTS: STORAGE BUILDING

DPW 2021-605

BLACKFOOT, IDAHO

MAINTENANCE COMPOUND SITE PLAN

PROJECT:

REVISIONS

PROJECT NO.: NBW 20026
DATE: FEB 2021
DRAWN BY: ???
CHECKED BY: JW

DRAWING NO.:

SHEET TITLE:

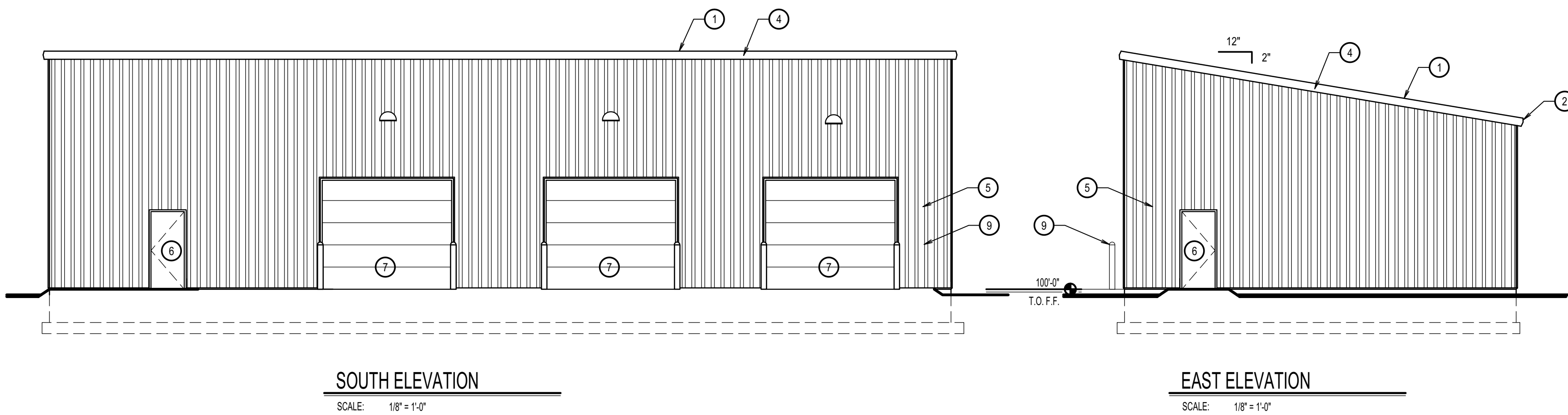
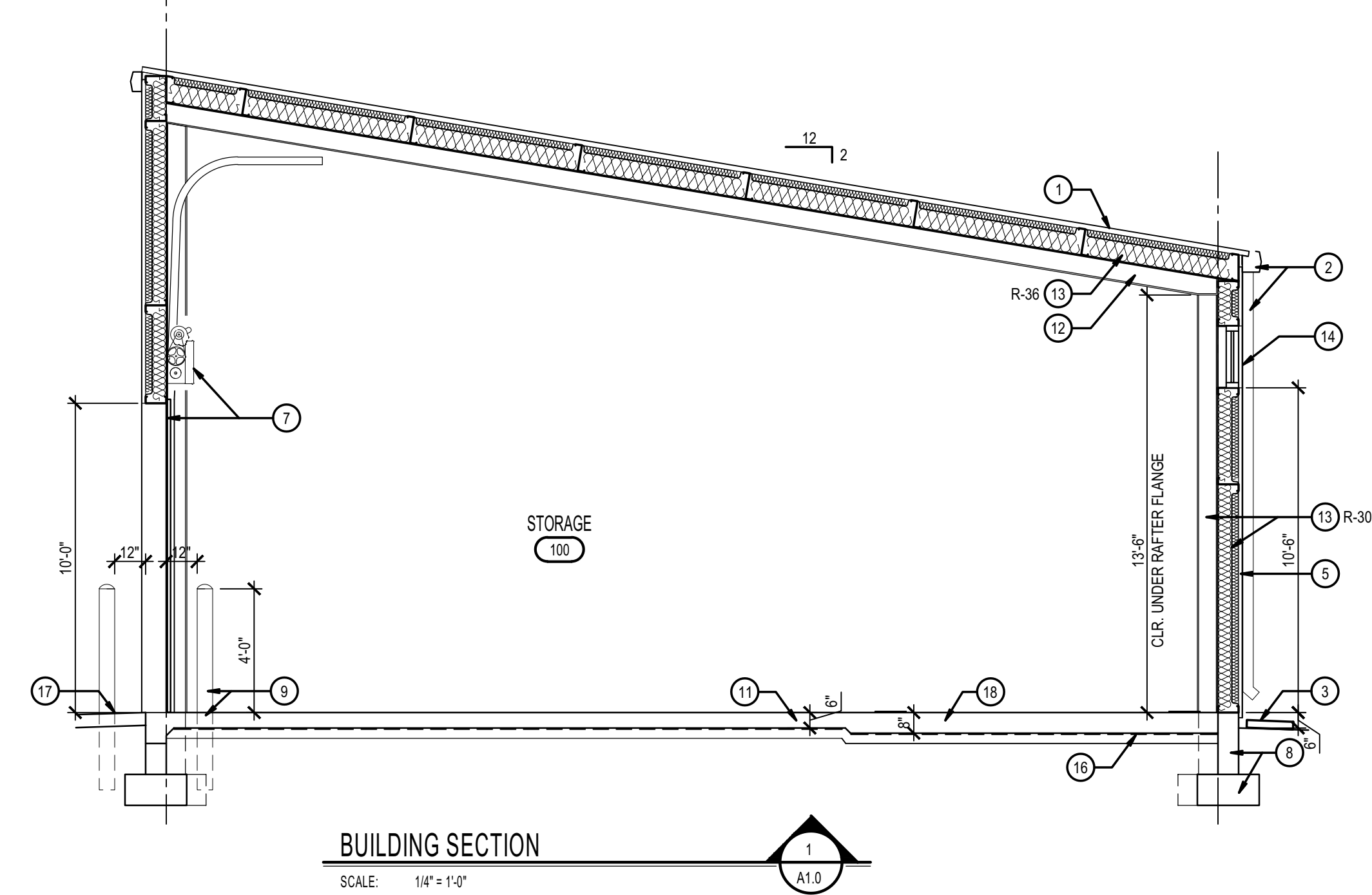
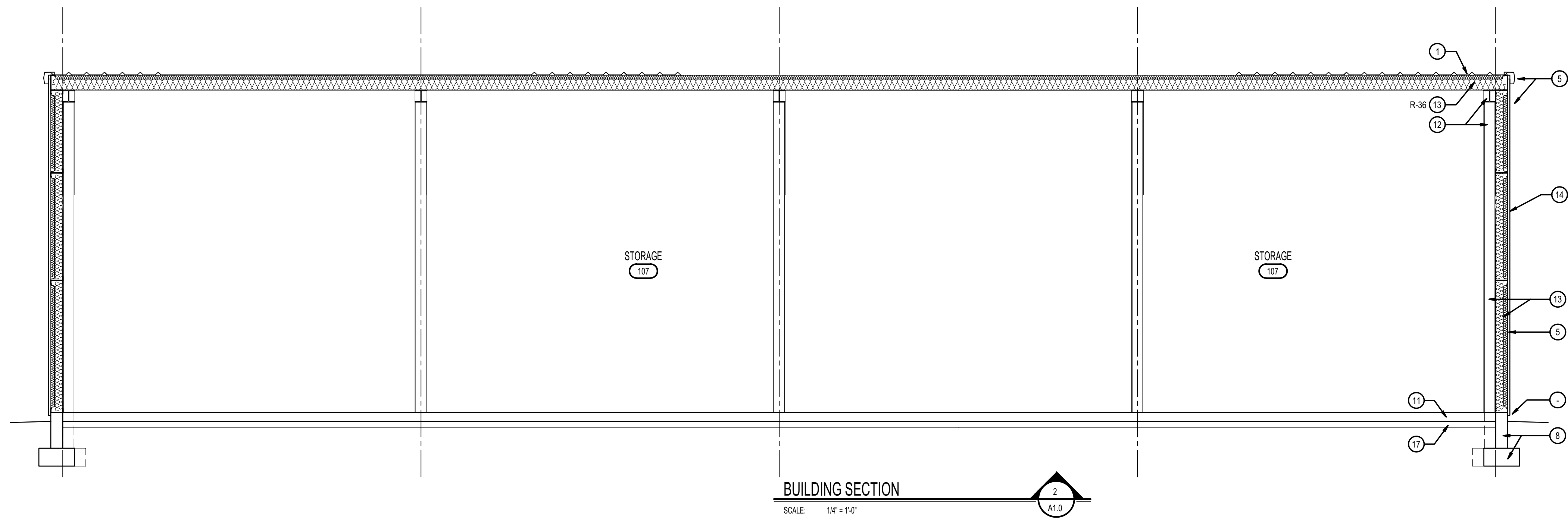
BLD2104-00057

REVIEWED FOR CODE COMPLIANCE

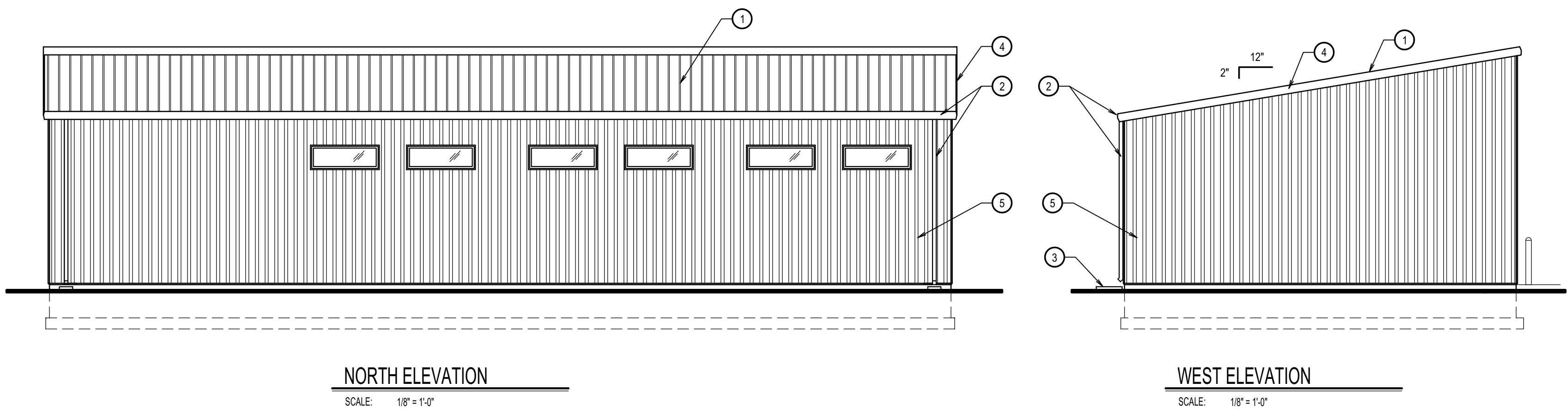
This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.

SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION

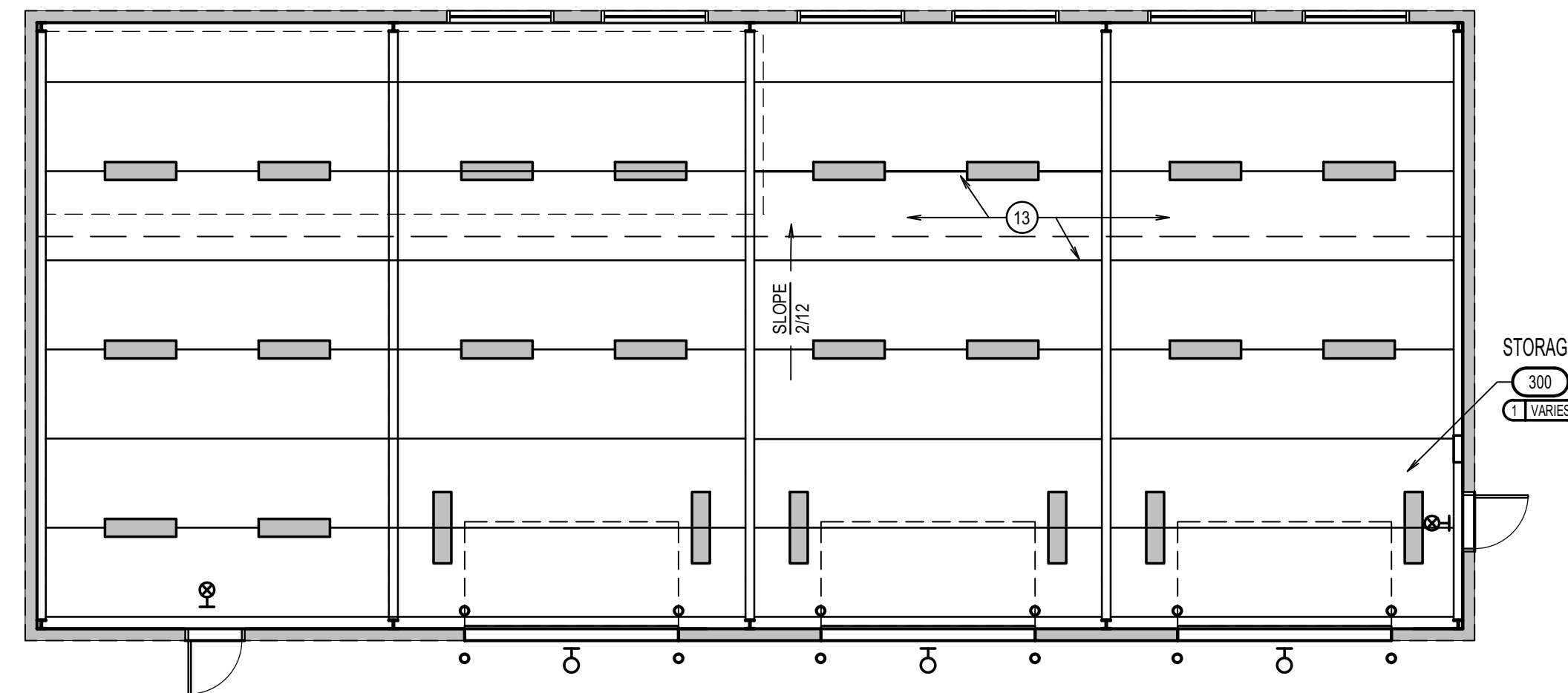
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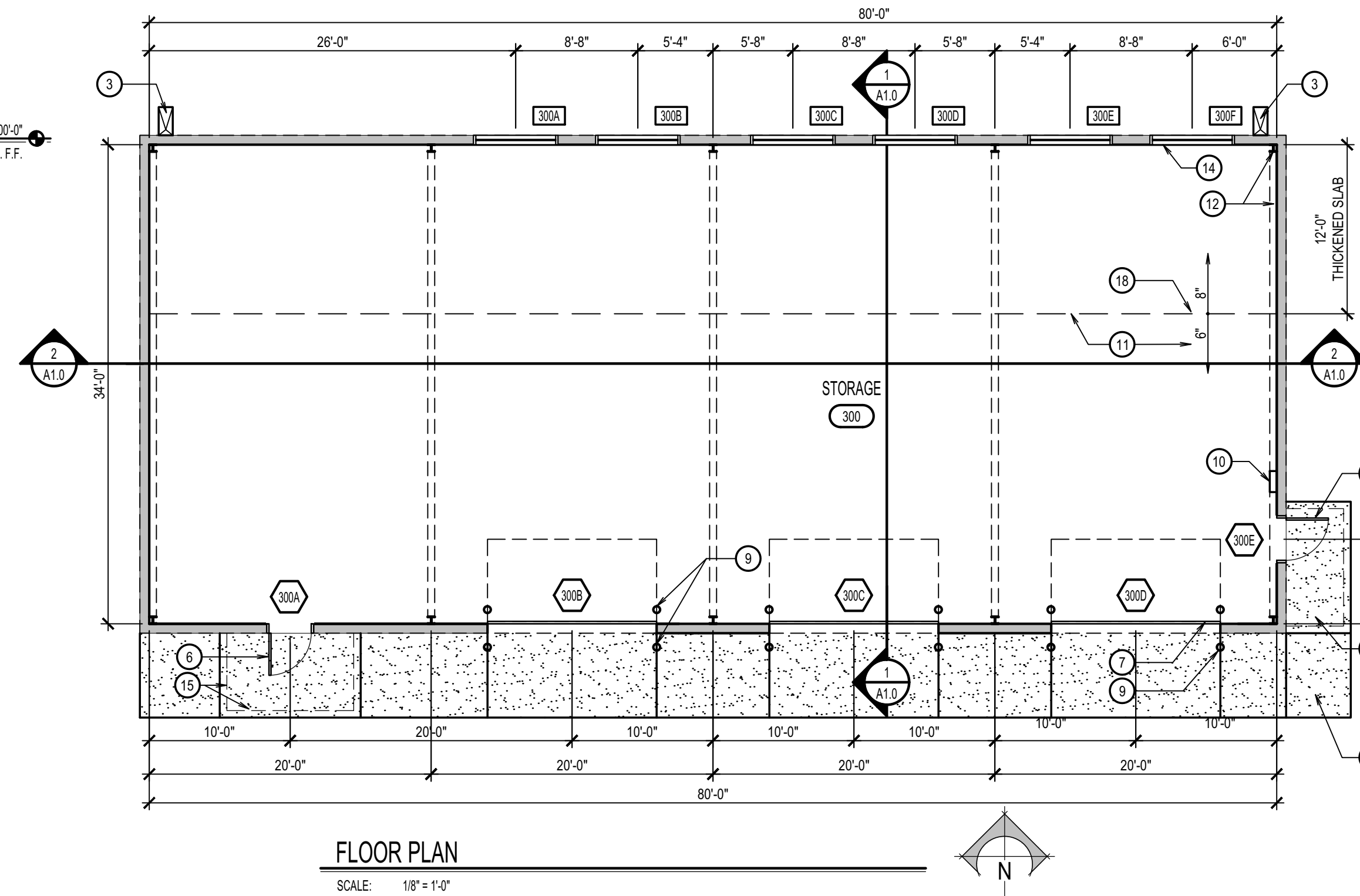
EAST ELEVATION
SCALE: 1/8" = 1'-0"



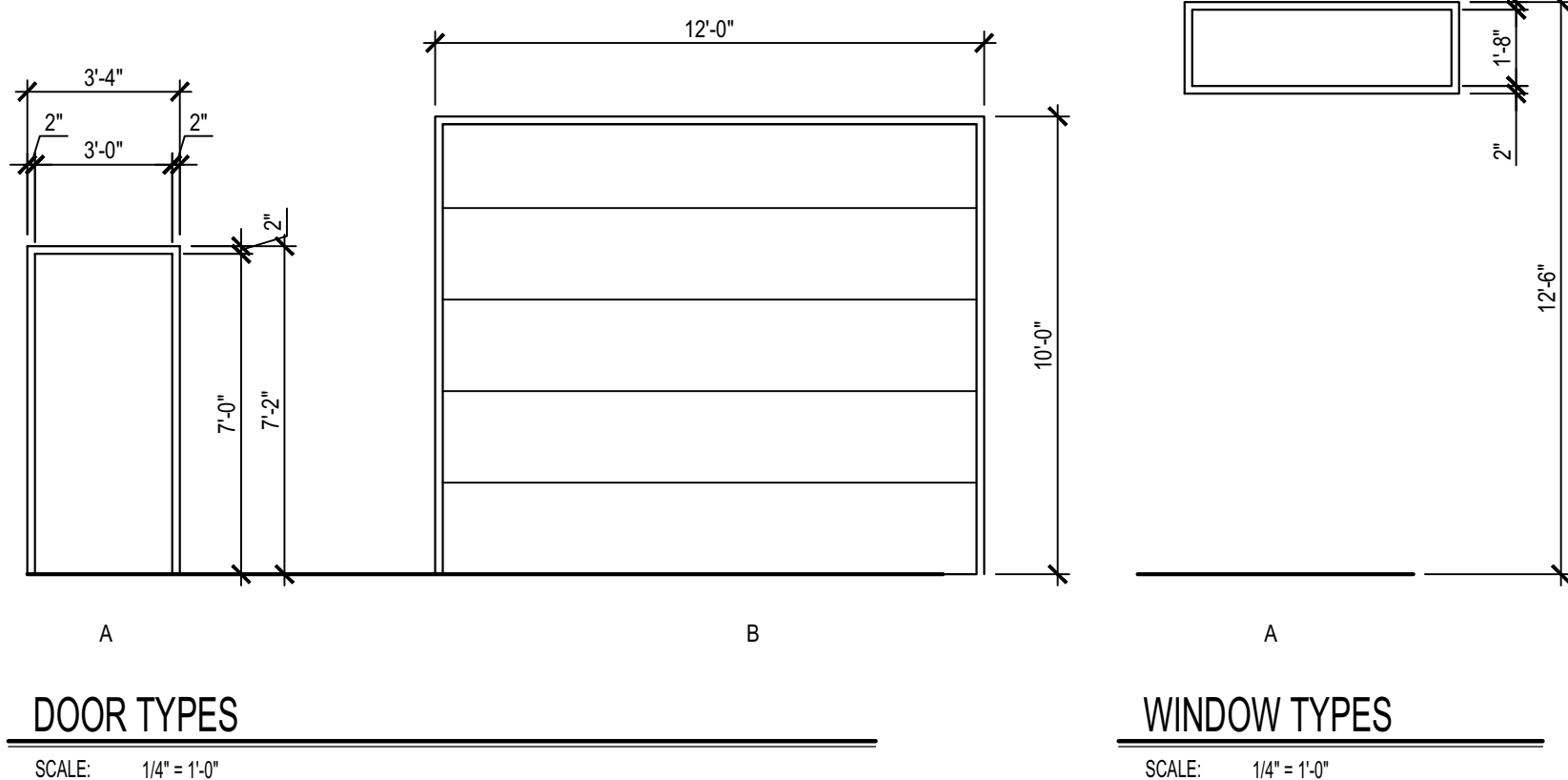
WEST ELEVATION
SCALE: 1/8" = 1'-0"



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



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



DOOR SCHEDULE								
DOOR NUMBER	SIZE	SINGLE OR PAIR	DOOR TYPE	MATERIALS		DETAILS		REMARKS
				DOOR	FRAME	HEAD	JAMB	
300A	3'-0" x 7'-0"	S	A	HM	HM			
300B	12'-0" x 10'-0"	-	B	STEEL	STEEL			OVERHEAD DOOR
300C	12'-0" x 10'-0"	-	B	STEEL	STEEL			OVERHEAD DOOR
300D	12'-0" x 10'-0"	-	B	STEEL	STEEL			OVERHEAD DOOR
300E	3'-0" x 7'-0"	S	A	HM	HM			

WINDOW SCHEDULE						
WINDOW NUMBER	SIZE	WINDOW TYPE	MATERIAL	DETAILS		
				HEAD	JAMB	SILL
300A	6'-0" x 2'-0"	A	ALUM			
300B	6'-0" x 2'-0"	A	ALUM			
300C	6'-0" x 2'-0"	A	ALUM			
300D	6'-0" x 2'-0"	A	ALUM			
300E	6'-0" x 2'-0"	A	ALUM			
300F	6'-0" x 2'-0"	A	ALUM			

GENERAL NOTES

- ALL WORK TO BE IN ACCORDANCE WITH ALL CODES AND ACCESSIBILITY REQUIREMENTS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- THE CONTRACTOR OR PRE-ENGINEERED METAL BUILDING SUB-CONTRACTOR WILL BE RESPONSIBLE FOR THE DESIGN OF ALL FOOTINGS, FOUNDATIONS AND SLABS RELATED TO THE BUILDING STRUCTURE. INFORMATION FOR THIS DESIGN SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AS A DEFERRED SUBMITTAL FOR REVIEW BEFORE BUILDING PERMITS ARE RELEASED.
- THE CONTRACTOR OR PRE-ENGINEERED METAL BUILDING SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING STRUCTURE. INFORMATION FOR THIS DESIGN SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AS A DEFERRED SUBMITTAL FOR REVIEW BEFORE BUILDING PERMITS ARE RELEASED.
- THE DRAWING SET IS INTENDED AS A BASIS OF DESIGN. THE INFORMATION CONTAINED WITHIN IS INTENDED AS THE GENERAL CRITERIA FOR THE DESIGN.
- ALL EXPOSED STRUCTURAL STEEL TO BE PAINTED.

KEYNOTES

- PRE-FINISHED METAL ROOFING PANELS, MBCI SUPERLOK 16".
- PRE-FINISHED METAL SCULPTED GUTTER AND DOWN SPOUT ASSEMBLY.
- CONCRETE SPLASH BLOCK
- PRE-FINISHED METAL SCULPTED EDGE & FASCIA FLASHING.
- PRE-FINISHED METAL WALL SIDING AND TRIM, MBCI MASTERLINE 16.
- HOLLOW METAL DOOR AND FRAME ASSEMBLY, PAINT.
- OVERHEAD DOOR AND OPERATOR
- CONCRETE FOOTINGS AND FOUNDATION
- 6" dia STEEL PIPE BOLLARDS, PAINT
- ELECTRICAL PANEL
- 6" min. CONCRETE SLAB WITH #5 REBAR @ 24" o.c. EACH WAY
- PRE-ENGINEERED METAL BUILDING MAIN FRAME
- PRE-ENGINEERED METAL BUILDING PURLING/RT FRAMING AND INSULATION SYSTEM
- FIXED ALUMINUM WINDOW WITH 1" INSULATING GLASS
- 4" dia CONCRETE STOOP WITH #4 REBAR @ 24" o.c. EACH WAY AND 36" DEEP FROST WALLS
- 4" min DRAINAGE FILL AND POLY VAPOR BARRIER.
- 6" dia CONCRETE APRON WITH #4 REBAR @ 24" o.c. EACH WAY.
- 8" min. CONCRETE SLAB WITH #5 REBAR @ 24" o.c. EACH WAY.

LEGEND

- LIGHT FIXTURES
- EXIT SIGN
- EXPOSED INSULATION SYSTEM WITH VINYL FACE

DPW 2021605 IDVS

CEMETERY PROJECTS: STORAGE BUILDING

DPW 2021-605

BLACKFOOT, IDAHO

FLOOR PLAN, BUILDING ELEVATIONS AND SECTIONS-1

PROJECT:

REVISIONS

PROJECT NO.: NBW 20026
DATE: FEB 2021
DRAWN BY: CGK
CHECKED BY: JW

DRAWING NO.:

A1.0



ELECTRICAL LEGEND - LIGHTING

REFERENCE FIXTURE SCHEDULE FOR MOUNTING TYPE, MOUNTING HEIGHT, AND FIXTURE TYPE.	
	DOUBLE FACE EXIT SIGN, CEILING MOUNTED, PROVIDE UNSWITCHED CONDUCTOR.
	WALL MOUNTED DOUBLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
	SINGLE FACE EXIT SIGN, CEILING MOUNTED PROVIDE UNSWITCHED CONDUCTOR.
	WALL MOUNTED SINGLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
	ARROW INDICATES DIRECTION TO BE SHOWN ON SIGN.
	1'X1' LIGHT FIXTURE.
	1'X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	TRACK LIGHT
	1'X4' LIGHT FIXTURE.
	1'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	2'X4' LIGHT FIXTURE.
	2'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	2'X2' LIGHT FIXTURE.
	2'X2' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.
	DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR
	STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.
	STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR
	WALL MOUNTED LIGHT FIXTURE.
	WALL MOUNTED LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	RECESSED LIGHT FIXTURE
	RECESSED LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	ROUND LIGHT FIXTURE
	ROUND EMERGENCY LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	WALL MOUNTED LIGHT FIXTURE.
	WALL MOUNTED EMERGENCY LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	POLE LIGHT 1 HEAD WITH POLE
	TIME CLOCK
	PHOTO CONTROL CELL LOCATED 12" ABOVE ROOF FACING NORTH.
	OCCUPANCY SENSOR. PROVIDE RELAYS AND POWER PACKS AS REQUIRED
	LED DRIVER
	EMERGENCY EGRESS LIGHTING WITH OUT FIXTURE HEADS. CONNECT TO AN UNSWITCHED CONDUCTOR.
	EMERGENCY EGRESS LIGHTINGS. CONNECT TO AN UNSWITCHED CONDUCTOR.
	INDICATES FIXTURE TYPE. REFER TO FIXTURE SCHEDULE.
	EXTERIOR WALL PACK
	EMERGENCY EXTERIOR WALL PACK. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR

DEVICES

S	SWITCH, TYPE AS INDICATED. +46" AFF
2	DOUBLE POLE
3	3-WAY
4	4-WAY
K	KEYED
P	PILOT LIGHT
D	DIMMER
HP	HORSEPOWER RATED
TO	THERMAL OVERLOAD
LV	LOW VOLTAGE
OS	OCCUPANCY SENSOR
OR	LOW VOLTAGE, MOMENTARY OVERRIDE
VS	VACANCY SENSOR
a	SUPERSCRIPT INDICATES LIGHTS TO BE SWITCHED TOGETHER
S	DUAL LEVEL SWITCHING, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.
S	DUAL LEVEL SWITCHING WITH OCCUPANCY SENSOR, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.
S	OCCUPANCY SENSOR WITH MANUAL DIMMING, SET FOR 50% AUTOMATIC ON, AUTOMATIC OFF, WITH MANUAL DIMMING.
Φ	SINGLE CONVENIENCE OUTLET, +18" AFF UNO
Φ	FLOOR MOUNT SINGLE CONVENIENCE OUTLET
Φ	DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
Φ	FLOOR MOUNT DUPLEX CONVENIENCE OUTLET
Φ	EMERGENCY DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
Φ	SWITCHED DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
Φ	FLOOR MOUNTED SWITCHED DUPLEX CONVENIENCE OUTLET
Φ	USB DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
Φ	USB FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO
Φ	FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO
Φ	FLOOR MOUNT FOURPLEX CONVENIENCE OUTLET
●	CONNECTION POINT TO EQUIPMENT SPECIFIED. ELECTRICAL CONTRACTOR TO SUPPLY RACEWAY AND CONDUCTORS AND MAKE FINAL CONNECTION TO EQUIPMENT UNDER THIS SECTION. UNO
Φ	FLOOR MOUNTED CONNECTION POINT. SEE NOTE ABOVE FOR REQUIREMENTS
Φ	FLOOR MOUNTED JUNCTION BOX
Φ	JUNCTION BOX
H	WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO
H	WALL MOUNTED PUSH BUTTON, HANDICAPPED MOUNT AT SWITCH HEIGHT UNO
H	WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO
⊗	MOTOR STARTER/CONTACTOR, SIZE/POLES NEMA 1 UNO AS INDICATED
⊗	COMBINATION STARTER AND DISCONNECT, SIZE/POLES, STARTER SIZE AS INDICATED, NEMA 1 UNO
⊗	FUSED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO
⊗	NON-FUSED DISCONNECT SIZE/ POLES AS INDICATED, NEMA 1 UNO
⊗	THERMOSTAT, +46" AFF PROVIDE CONDUIT, J-BOX, CONDUCTORS AS REQUIRED TO CONTROL ASSOCIATED UNITS. UNO COORDINATE WITH DIVISION 15.
⊗	POWER POLE - DUAL CHANNEL
T	TRANSFORMER
▮	PANELBOARD. SEE SCHEDULE FOR TYPE.
▮	EQUIPMENT CABINET, SURFACE MOUNTED
▮	EQUIPMENT CABINET FLUSH MOUNTED
Φ	SURFACE MULTI-OUTLET RACEWAY
Φ	MECHANICAL EQUIPMENT CALL OUT
Φ	KITCHEN EQUIPMENT CALLOUT

ONE LINE

	DELTA WYE TRANSFORMER UNO
	PANEL BOARD, SEE SCHEDULE FOR TYPE AND SIZE
	CIRCUIT BREAKER, SIZE AND POLES INDICATED
	FUSE, SIZE AND TYPE INDICATED, PROVIDE FUSE FOR EACH POLE
	INTERRUPTER SWITCH, SIZE AND POLES INDICATED
	FUSED SWITCH, SIZE/POLES AND FUSE SIZE INDICATED
	DRAW OUT CIRCUIT BREAKER, SIZE AND POLES INDICATED
	INDIVIDUAL BREAKER WITH SHUNT TRIP, SIZE AND POLES INDICATED. NEMA 1 UNO
	INDIVIDUAL BREAKER, SIZE AND POLES INDICATED. NEMA 1 UNO
GFP	GROUND FAULT PROTECTION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
LSIGR	ADJUSTABLE BREAKER SETTINGS (PER SPECIFICATIONS): L'-LONG TIME S'-SHORT TIME I'-INSTANTANEOUS G'-GROUND FAULT R'-ENERGY REDUCING MAINTENANCE SWITCH W/STATUS INDICATOR
GROUND	GROUND
ST	SHUNT TRIP COIL
M	MOTOR
100A 3P	DISCONNECT SWITCH, SIZE AND POLES INDICATED. NEMA 1 UNO
	OVERHEAD SERVICE DROP
	GENERATOR SET, MAIN BREAKER SIZE INDICATED
	AUTOMATIC TRANSFER SWITCH (ATS)
M	METER AND BASE
N	NEUTRAL
T	DRY TYPE TRANSFORMER
	PAD MOUNT TRANSFORMER

ELECTRICAL ABBREVIATIONS

A	AMPERES
AC	6" ABOVE BACKSPLASH
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AF	AMP FRAME
AIC	AMPS INTERRUPTING CAPACITY
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BD	BOTTOM OF DECK
BS	BOTTOM OF STRUCTURE
C	CEILING MOUNTED
CB	CIRCUIT BREAKER
CF	COMPACT FLUORESCENT
CKT	CIRCUIT
CO	CONDUIT ONLY. PROVIDE PULL-LINE
CT	CURRENT TRANSFORMER
CTL	CONTROL
DC	DIRECT CURRENT
(D)	DEMOLITION
DEMO	DEMOLITION
DET	DETAIL
DTT	DOUBLE TWIN TUBE
E	EMERGENCY
(E)	EXISTING
EC	ELECTRICAL CONTRACTOR
EL	EMERGENCY LIGHT
F	FUSE
(F)	FUTURE
FACP	FIRE ALARM CONTROL PANEL
G/ND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
HH	HAND HOLE
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO
HPS	HIGH PRESSURE SODIUM
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
IG	ISOLATED GROUND
IPCO	IDIAHO POWER COMPANY
J-BOX	JUNCTION BOX
KA	KILOAMP
KVA	KILO VOLT-AMP
KW	KILOWATT
KWH	KILOWATT HOUR
LCP	LIGHTING CONTROL PANEL
MB	MAIN BREAKER
MBR	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MMC	MODULAR METERING CENTER
MH	METAL HALIDE
MSB	MAIN SWITCH BOARD
MTG	MOUNTING
N	NEUTRAL
(N)	NEW
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OH	OVERHEAD
OS	OCCUPANCY SENSOR
P	POLES
PC	PHOTO-CONTROL
PVC	POLYVINYL CHLORIDE
PWR	POWER
RE:	REFERENCE
REC	RECEPTACLE
(R)	RELOCATED
SF	SQUARE FEET
TBD	TO BE DETERMINED
TDR	TIME DELAY RELAY
TK	TOE KICK
TSP	TWISTED SHIELDED PAIR
TRT	TRIPLE TUBE
TTB	TELEPHONE TERMINAL BOARD
(TYP.)	TYPICAL
UC	UNDERCABINET
UG	UNDERGROUND
U.N.O.	UNLESS NOTED OTHERWISE
V	VOLT
VA	VOLT-AMPERE
W	WATT
WG	WIRE GUARD
WP	WEATHER PROOF/NEMA 3R

PROVIDED/ PROVIDE AND INSTALL / PROVIDED AND
INSTALL BY / PROVIDED AND INSTALL
INSTALL BY /
INSTALL

NOTE: THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL ABBREVIATIONS. SOME OF THE ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE.

ELECTRICAL GENERAL NOTES

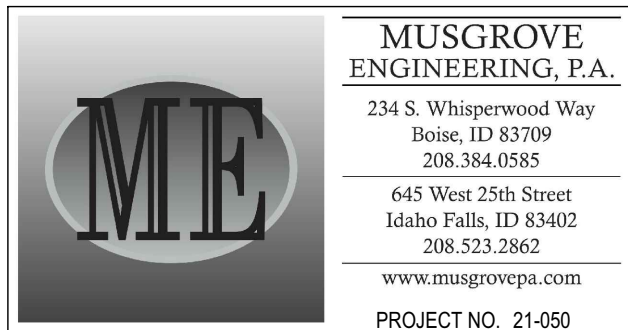
- THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE; THEREFORE, THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL EQUIPMENT AND DEVICE LOCATIONS WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DIVISIONS PRIOR TO ROUGH-IN. REFER TO AND COORDINATE WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL WORK THAT IS REQUIRED BY THE ELECTRICAL CONTRACTOR.
 - ALL CONDUIT AND JUNCTION BOXES ARE TO BE CONCEALED UNLESS LOCATED WITHIN DEDICATED ELECTRICAL OR MECHANICAL ROOMS. USE OF SURFACE MOUNTED RACEWAYS IN ALL OTHER SPACES MUST BE APPROVED BY THE ARCHITECT FOR EACH LOCATION. WHERE SURFACE RACEWAYS ARE APPROVED, UTILIZE WIREMOLD, OR APPROVED EQUAL, SURFACE MOUNTED RACEWAYS PAINTED TO MATCH SURROUNDING WALLS.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET HEIGHTS WHERE THE SPECIFIC OUTLET HEIGHT IS NOT INDICATED. REFER TO THE ELECTRICAL LEGEND FOR THE DEFAULT OUTLET HEIGHT WHEN NOT INDICATED ON ELEVATIONS OR ON AT THE DEVICES.
 - PROVIDE PULL-LINE IN ALL EMPTY CONDUITS.
 - 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.
 - ALL NON-LOCKING, 120-V, 15 AND 20-AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES PER NEC 406.12
- SITE:
- CONTRACTOR SHALL COORDINATE WITH AN UNDERGROUND LOCATING SERVICE PRIOR TO COMMENCING WORK. SEE CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION. COORDINATE WITH OTHER SITE DISCIPLINES.
 - SITE LIGHTING AND UTILITY EQUIPMENT SHOWN IN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS, PROPERTY LINES, AND UTILITY COMPANIES PRIOR TO ROUGH-IN.
 - REFER TO POLE BASE DETAIL FOR SITE LIGHTING POLE BASE REQUIREMENTS.
 - ROUTE CONDUITS IN COMMON TRENCH WHERE POSSIBLE REFER TO TRENCHING DETAIL.

SHEET INDEX

E0.0 ELECTRICAL COVER SHEET
E1.0 ELECTRICAL PLANS
E2.0 ELECTRICAL DETAILS

LEGEND IS GENERAL IN NATURE. NOT ALL OF THE SYMBOLS SHOWN ARE USED IN THIS PROJECT.

Electrical Plan Review: Approved with Conditions. The stamped documentation has been Reviewed for Compliance in accordance with the NEC as adopted by the State of Idaho by an Electrical Plan Review. This shall not be construed as an approval of any violation of, or variance from Idaho's adopted codes, laws, standards, or rules. Final approval will be based upon on-site electrical inspections to field verify compliance.



nbw architects p.a.
ARCHITECTURE / PLANNING / INTERIORS
SCOTT L. NELSON, A.I.A. KEVIN R. BODILY, A.I.A. JAMES H. WYATT, A.I.A.
900 JOHN JOHNS BUILDING P.O. BOX 2212 - IDAHO FALLS, IDAHO 83402-2212
(208) 208-522-8775 (208) 208-522-8785 (208) 208-522-8785

CEMETERY PROJECTS: STORAGE BUILDING

DPW 2021605 IDVS

DPW 2021-605

BLACKFOOT, IDAHO

ELECTRICAL COVER SHEET

PROJECT:

REVISIONS

PROJECT NO.:

DATE:

DRAWN BY:

CHECKED BY:

DRAWING NO.:

REVISIONS

REVISIONS

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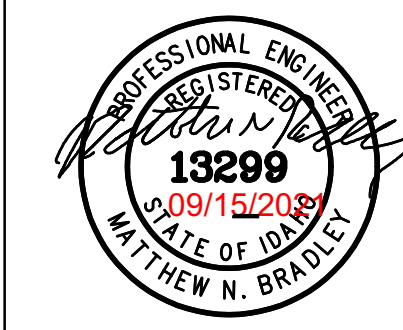
BLD2104-00057

REVIEWED FOR CODE COMPLIANCE

This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.

SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION

E0.0

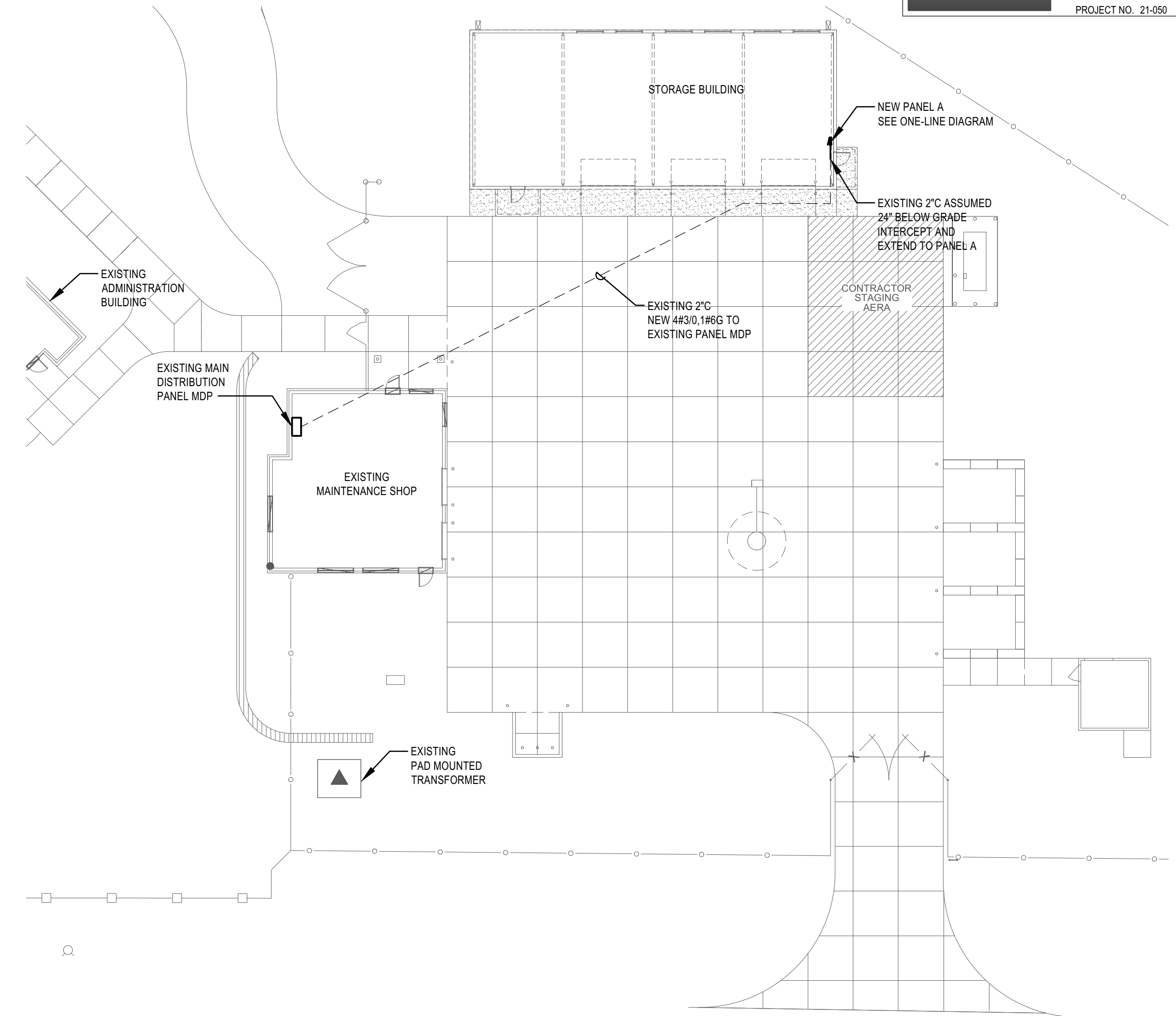
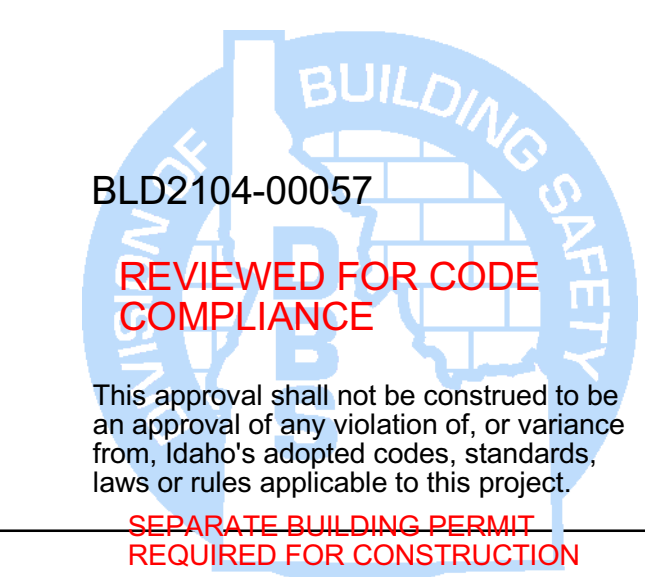


DPW 2021605 IDVS
CEMETERY PROJECTS: STORAGE BUILDING
DPW 2021+605
BLACKFOOT, IDAHO
ELECTRICAL PLANS

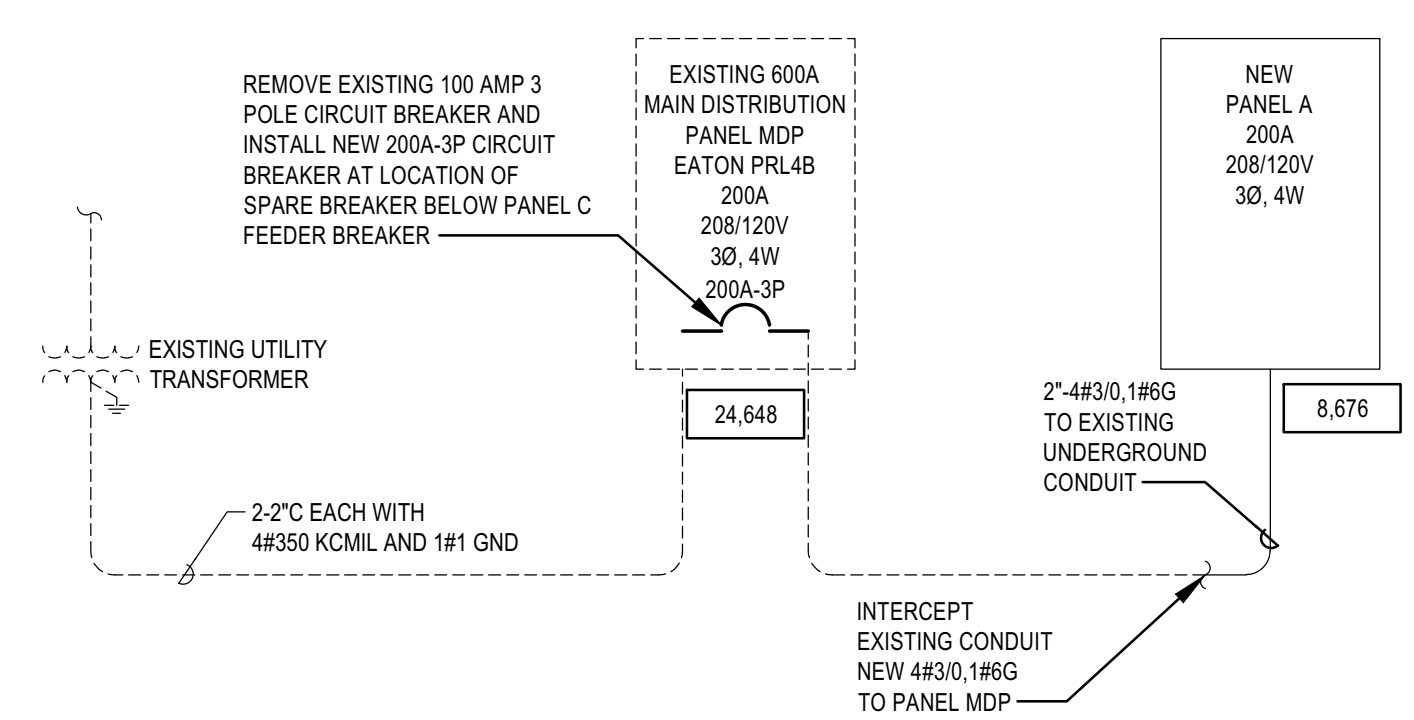
DPW 2021605 IDVS
JECTS: STC
 DPW 2021-605
 BLACKFOOT, IDAHO
 ELECTRICAL PLANS

PROJECT NO.:
NBW 20026
DATE:
FEB 2021
DRAWN BY:
DBH
CHECKED BY:
MNB
DRAWING NO.:

E1.0



ELECTRICAL SITE PLAN




ONE-LINE DIAGRAM

SCALE: NTS

(#) SYMBOL USED FOR NOTE CALLOUT.

1. SEE TYPICAL OVERHEAD DOOR CONTROLLER AND RECEPTACLE MOUNTING DETAIL ON DRAWING E3.0.
2. SEE TYPICAL RECEPTACLE MOUNTING DETAIL ON DRAWING E3.0.
3. SEE WEST MAN DOOR ELECTRICAL MOUNTING DETAIL ON DRAWING E3.0.
4. SEE EAST MAN DOOR ELECTRICAL MOUNTING DETAIL ON DRAWING E3.0.

FACILITY:		D		PROJECT:		VETERANS CEMETERY PHASE I - STORAGE BUILDING									
VOLTAGE		208Y/120		3 PH		4 WIRE		AMPERE RATING:		200 MLO		SCR RATING:		10000 A/C	
CKT NOTES:								REMARKS:		MOUNTING:				SURFACE	
CKT	DESCRIPTION	CKT NOTE	LOAD AMPS	AMPS/ POLES	PHASE A	PHASE B	PHASE C	AMPS/ POLES	LOAD AMPS	CKT NOTE	DESCRIPTION				
1	LIGHTING EXTERIOR		10	20	1	10		20	1		RECEPTS - SOUTH EAST				2
3	LIGHTING		15.0	20	1			20	1		RECEPTS - SOUTH WEST				4
5	SPARE							20	1		RECEPTS - EAST				6
7	SPARE						4.5	20	1		RECEPTS - CENTER				8
9	SPARE						4.5	20	1		RECEPTS - CENTER				10
11	SPARE							4.5	20	1	RECEPTS - WEST				12
13	WELDER		20.0	50	2	30		20	1		RECEPTS - OVERHEAD DOOR EAST				14
15	***		20.0	**	*		30	20	1		RECEPTS - OVERHEAD DOOR CENTER				16
17	UNIT HEATER UH-1		24.0	30	2			24	1		SPARE				18
19	***		24.0	**	*	24		20	1		SPARE				20
21	UNIT HEATER UH-2		24.0	30	2		24	20	1		SPARE				22
23	***		24.0	**	*			24	1		SPARE				24
25	SPARE					0		20	1		SPARE				26
27	SPARE						0	20	1		SPARE				28
29	SPARE							0	20	1	SPARE				30
31	SPARE					0		20	1		SPARE				32
33	SPARE						0	20	1		SPARE				34
35	SPARE							0	20	1	SPARE				36
37	SPARE					0		20	1		SPARE				38
39	SPARE							0	20	1	SPARE				40
41	SPARE							0	20	1	SPARE				42
					68.5		78.5	58.5	AMPS						
					8.2		9.4	7.0	KW	24.7 TOTAL KW					



MUSGROVE
ENGINEERING, P.A.

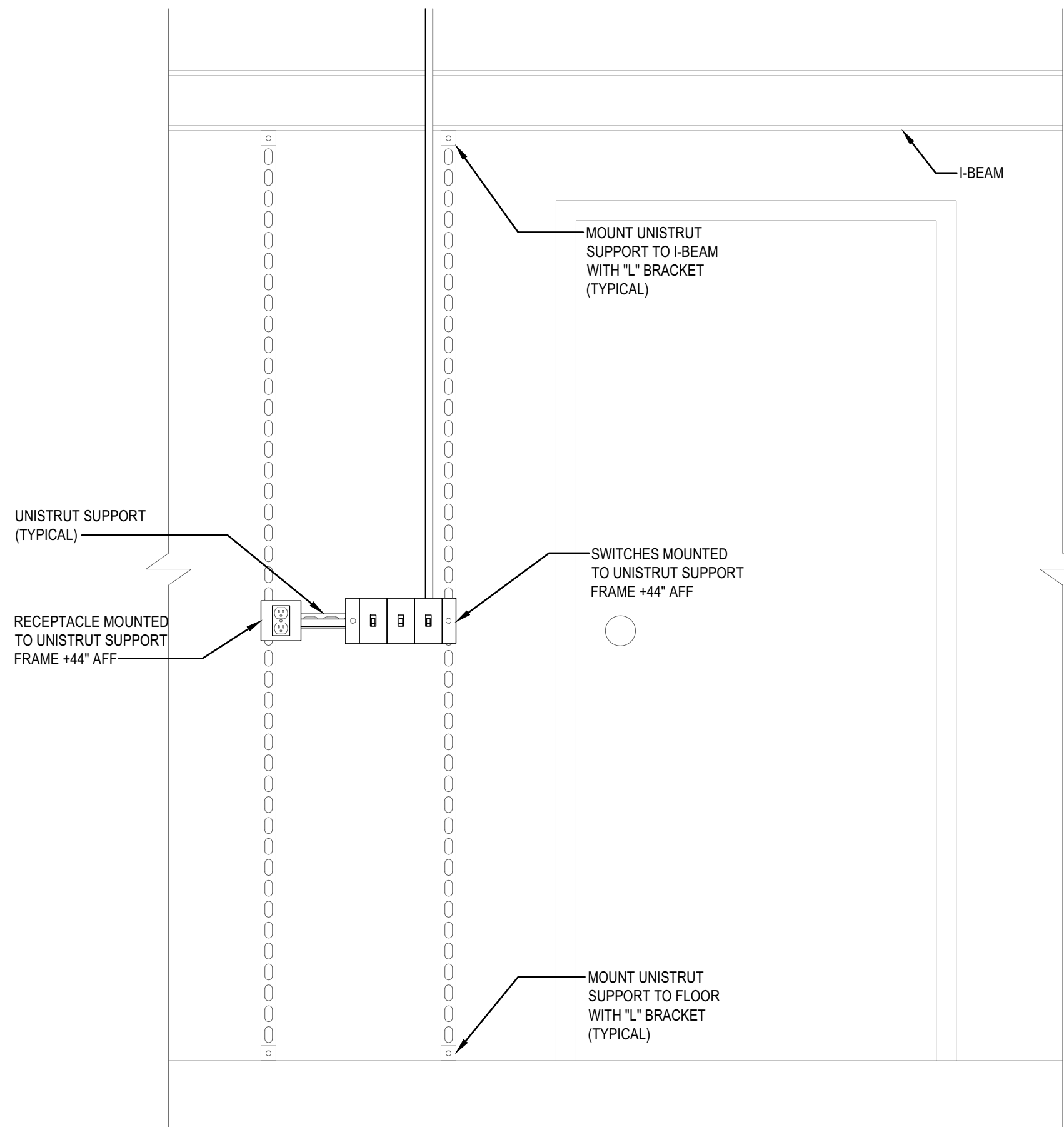
234 S. Whisperwood Way
Boise, ID 83709
208.384.0583
644 West 25th Street
Idaho Falls, ID 83402
208.523.2862
www.musgrovepa.com

PROJECT NO. 21-050

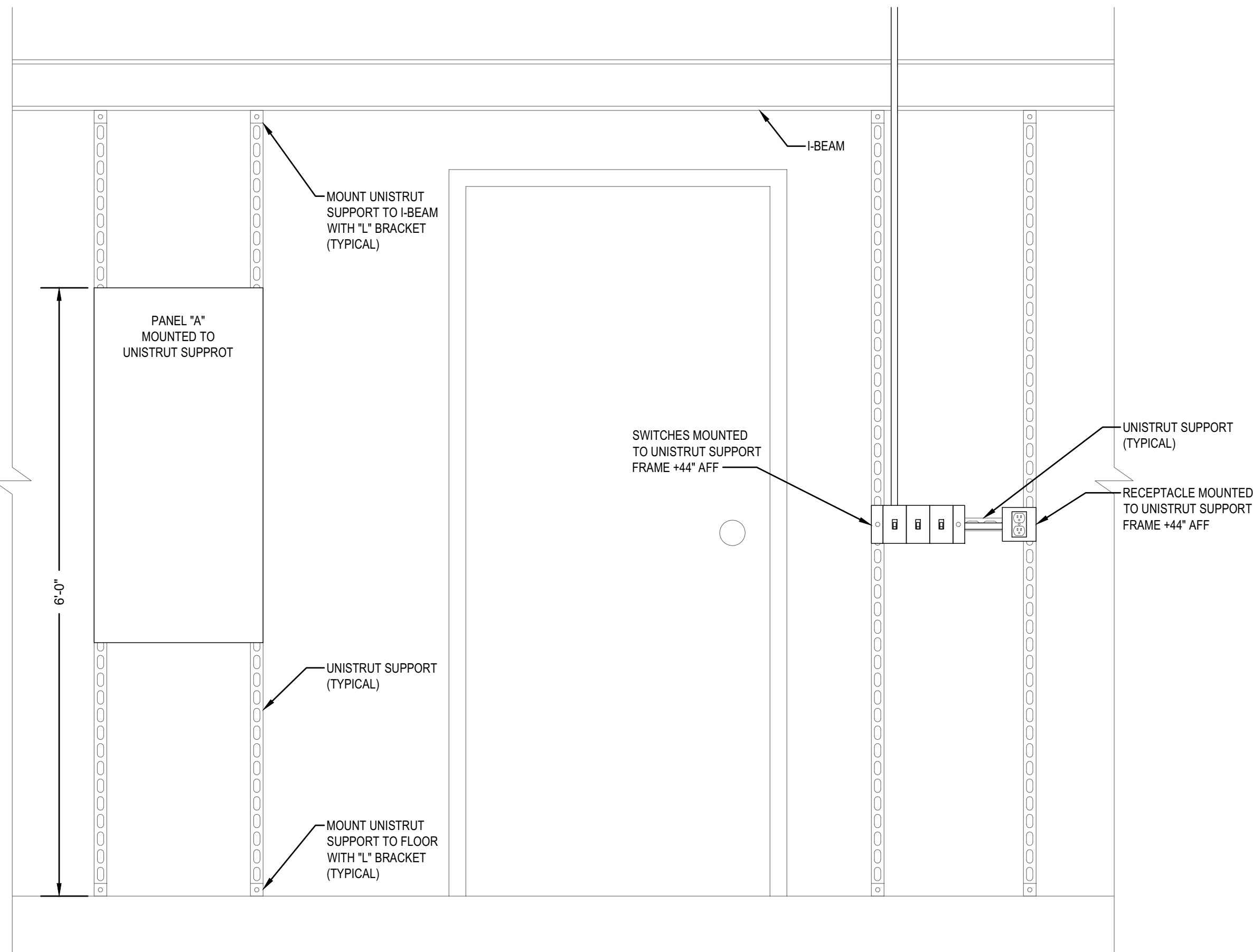


nbw architects p.a.
ARCHITECTURE / PLANNING / INTERIORS

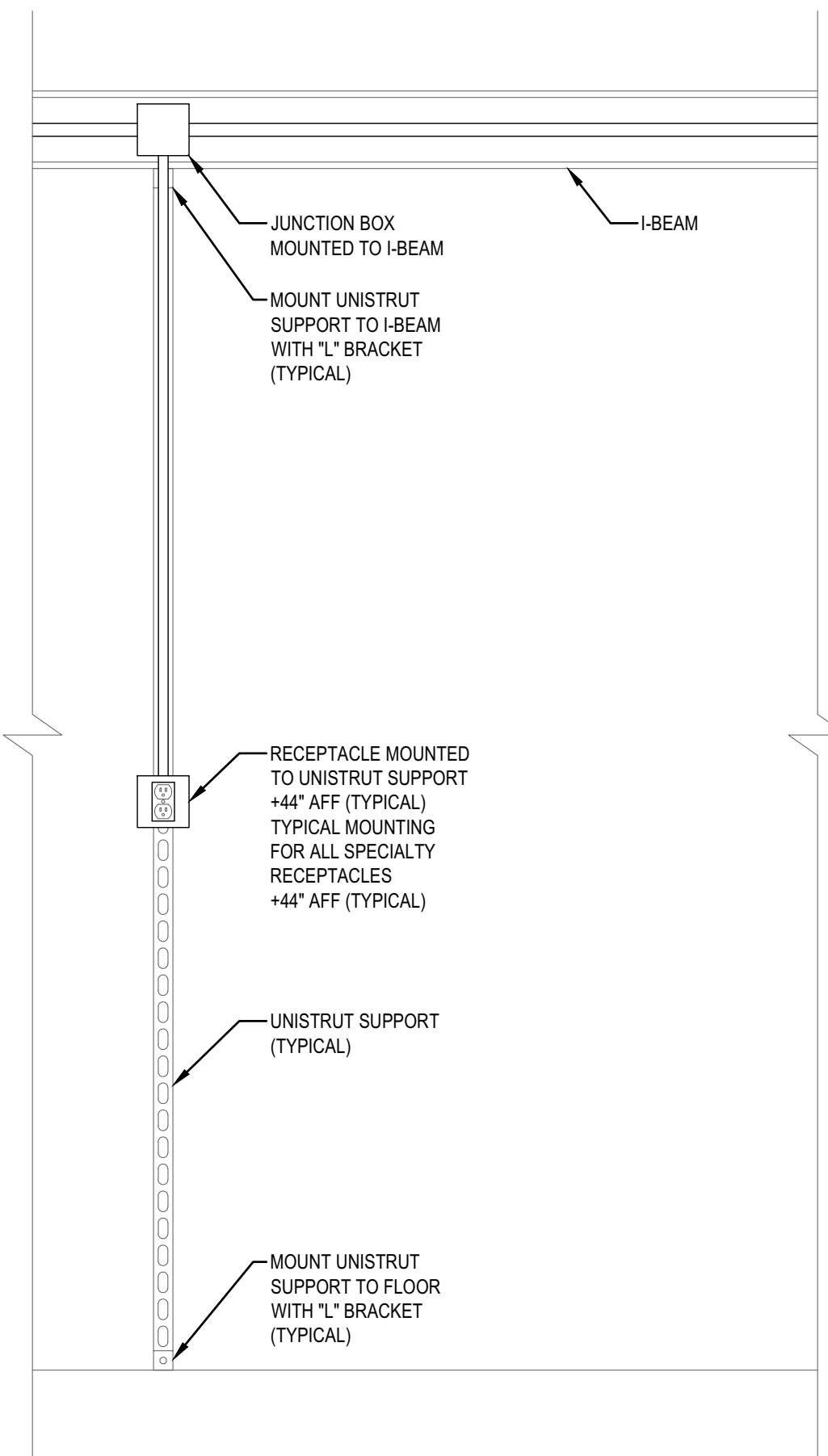
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690 JOHN BOHNS ROADWAY, P.O. BOX 2212 - IDAHO FALLS, IDAHO 83402-2212
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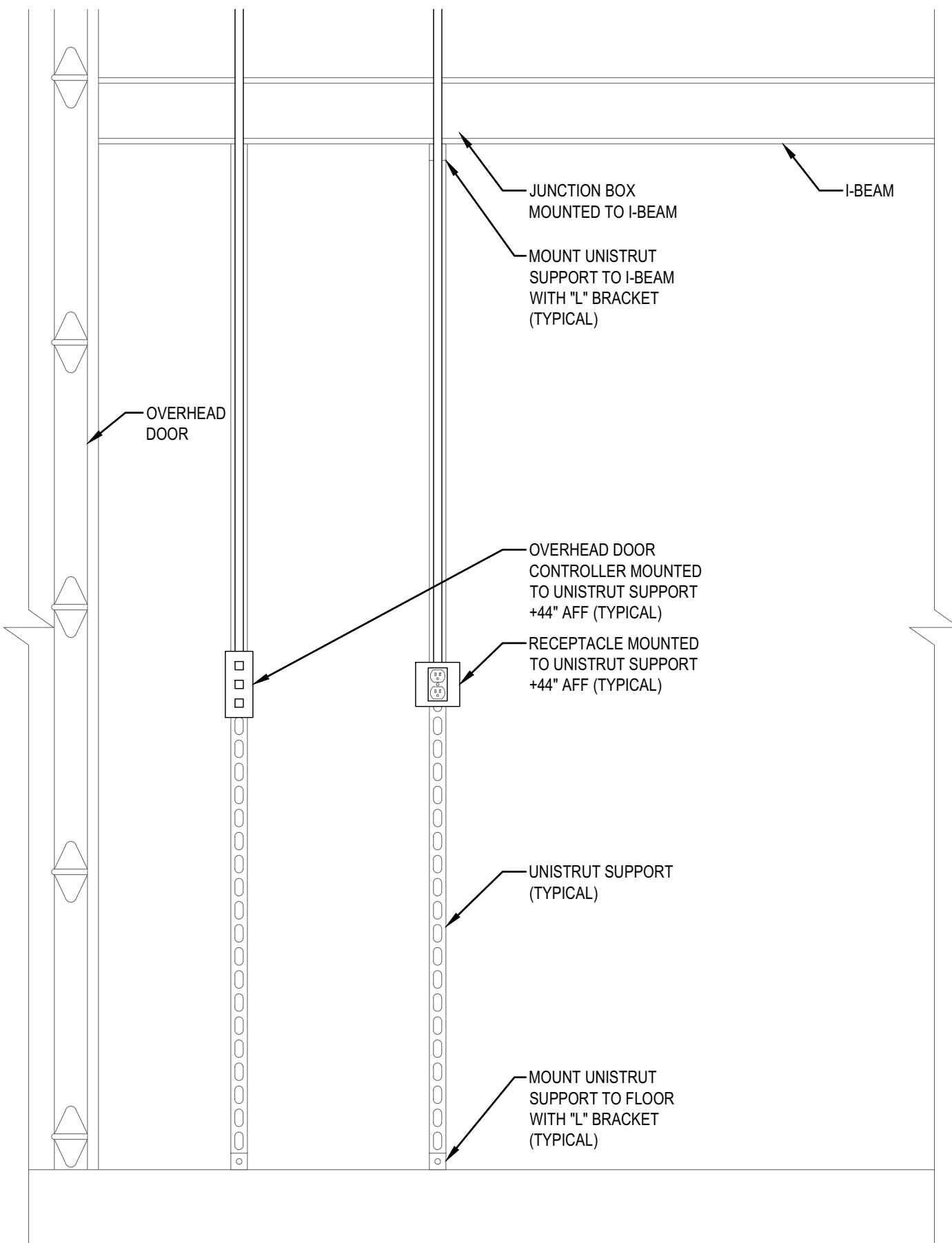
WEST WALL MAN DOOR ELECTRICAL MOUNTING DETAIL
SCALE: 1" = 1'-0"



EAST WALL MAN DOOR ELECTRICAL MOUNTING DETAIL
SCALE: 1" = 1'-0"



TYPICAL RECEPTACLE MOUNTING DETAIL
SCALE: 1" = 1'-0"



TYPICAL OVERHEAD DOOR CONTROLLER AND RECEPTACLE MOUNTING DETAIL
SCALE: 1" = 1'-0"



BLD2104-00057

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SEPARATE BUILDING PERMIT
REQUIRED FOR CONSTRUCTION

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DPW 2021-605
BLACKFOOT, IDAHO

PROJECT:

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DBH
CHECKED BY:
MNB
DRAWING NO.:

E2.0

ELECTRICAL DETAILS