

CDH ARMSTRONG PLACE RENOVATIONS

707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

10/12/2022

PIVOT NORTH ARCHITECTURE PROJECT #: 22-026

14 - Drawings
04 - Documents

GENERAL
G0.00 COVER SHEET
G0.02 DRAWING INFORMATION & ACCESSIBILITY COMPLIANCE
G0.04 WALL TYPES AND RATED ASSEMBLIES
G2.01 LEVEL 1 - EXITING AND OCCUPANCY PLAN

ARCHITECTURAL
A5.01 ENLARGED PLANS - RESTROOMS
A8.51 INTERIOR ELEVATIONS & DETAILS
A9.51 LEVEL-ENLARGED CEILING PLAN - RESTROOMS

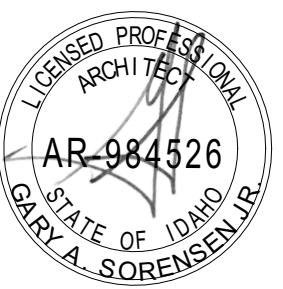
ELECTRICAL
E0.01 ELECTRICAL LEGENDS, DETAILS & NOTES
E2.01 LEVEL 1 - ELECTRICAL PLANS

PLUMBING
P0.01 PLUMBING LEGENDS & NOTES
P2.02 LEVEL 1 - PLUMBING PLANS - RESTROOMS 178 & 181
P2.02 LEVEL 1 - PLUMBING PLANS - RESTROOMS 185 & 186
P3.01 PLUMBING SPECIFICATIONS



PIVOT NORTH ARCHITECTURE, PLLC.
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Revisions: △

Project No: 22-026
Date: 10/9/2022
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Sheet Name:

COVER SHEET

Sheet No:

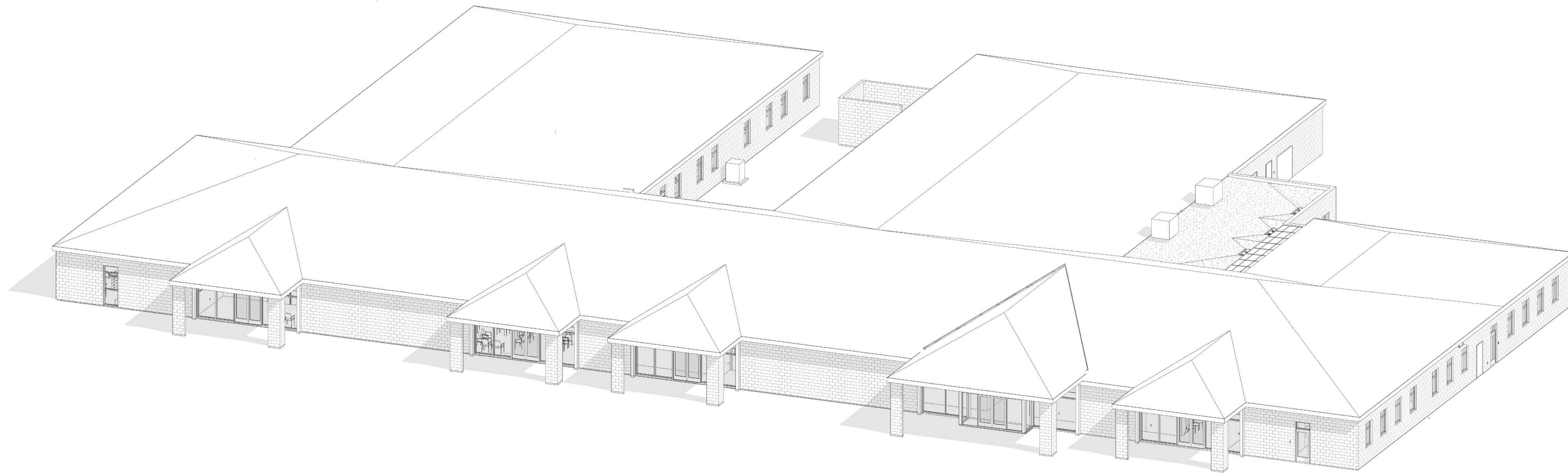
G0.00

Planning & Development Services
City of Boise | www.cityofboise.org/pds
8/26/2024 | BLD24-02200

City of Boise Building Division

Plans Reviewed for Code Compliance
These plans must remain on the jobsite at all times.
Approval of this Plan and Issuance of the Building Permit Shall Not Be:
1. Held to be an approval or a violation of any provision of a city ordinance or state law.
2. An approval of a violation or variance of the American with Disabilities Act (ADA) or the Idaho State Building Code, or any other applicable code or regulation.
American with Disabilities Act: 1-800-514-0301 or www.ada.gov

PERMIT SET: 10/12/2022



OWNER
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APPLICABLE CODES

ACCESSIBILITY CODE	2009 ICC A117.1
INTERNATIONAL BUILDING CODE	2018 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE	2018 EDITION
INTERNATIONAL FIRE CODE	2018 EDITION
INTERNATIONAL MECHANICAL CODE	2018 EDITION
INTERNATIONAL PLUMBING CODE	2017 EDITION
NATIONAL ELECTRICAL CODE	2017 EDITION
ZONING ORDINANCE: CITY OF BOISE	Zoning Ordinance

OTHER CRITERIA

NONE

DEFERRED SUBMITTALS

NONE

PROJECT DESCRIPTION

RESTROOM REMODEL, ADDING WALL TILE TO THE SPECIFIED RESTROOMS, REPLACING VANITIES AND ACCESSORIES, REPLACING AND RE-INSTALLING ALL TOILET ACCESSORIES.

THERE IS NO CHANGE TO THE EXISTING BUILDING EXITING PLAN OR BUILDING ENVELOPE AS A RESULT OF THIS REMODEL.

CONTRACTOR

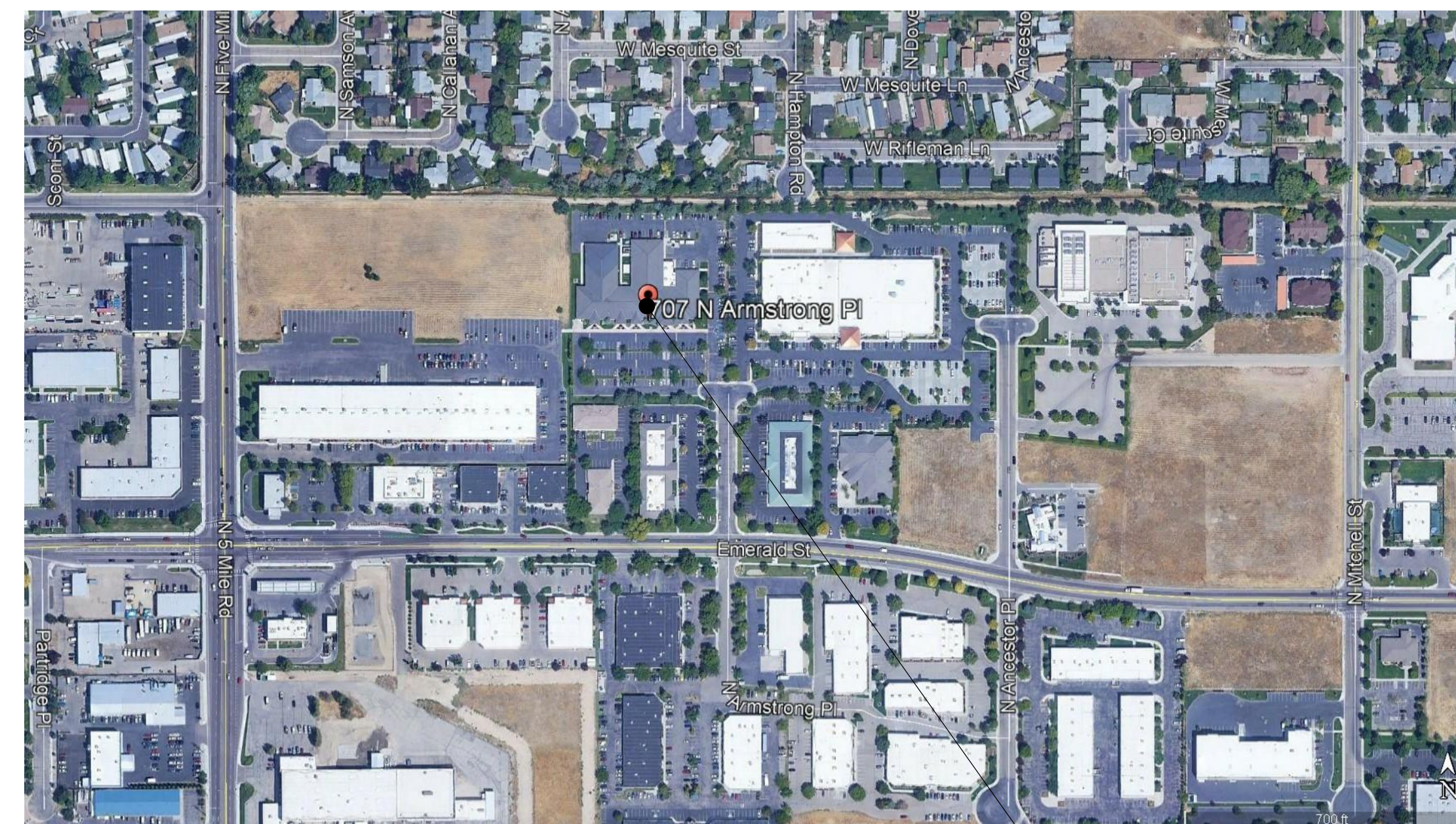
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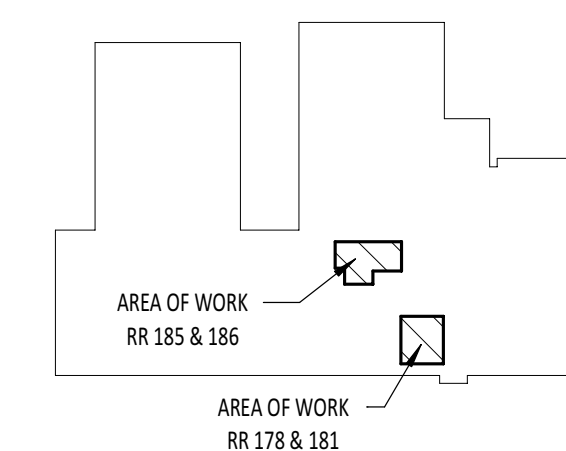


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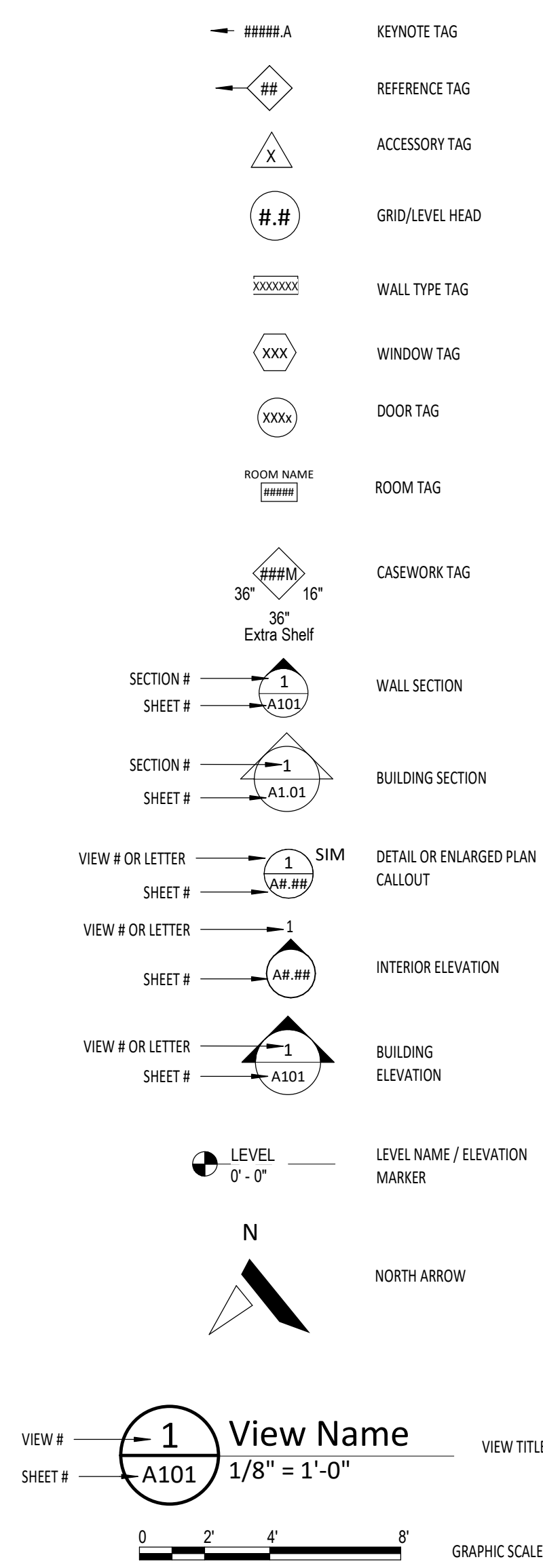


PROJECT LOCATION

KEY PLAN



SYMBOLS:

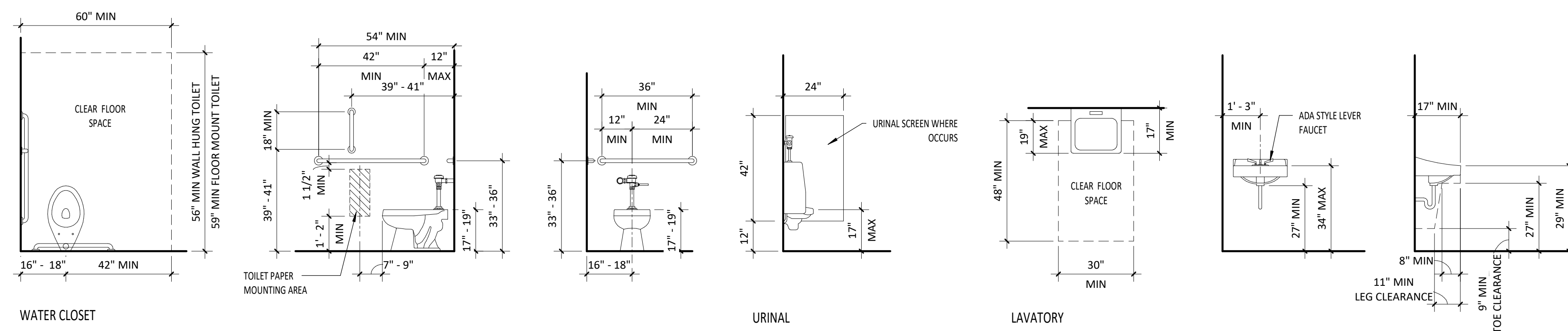


ABBREVIATIONS:

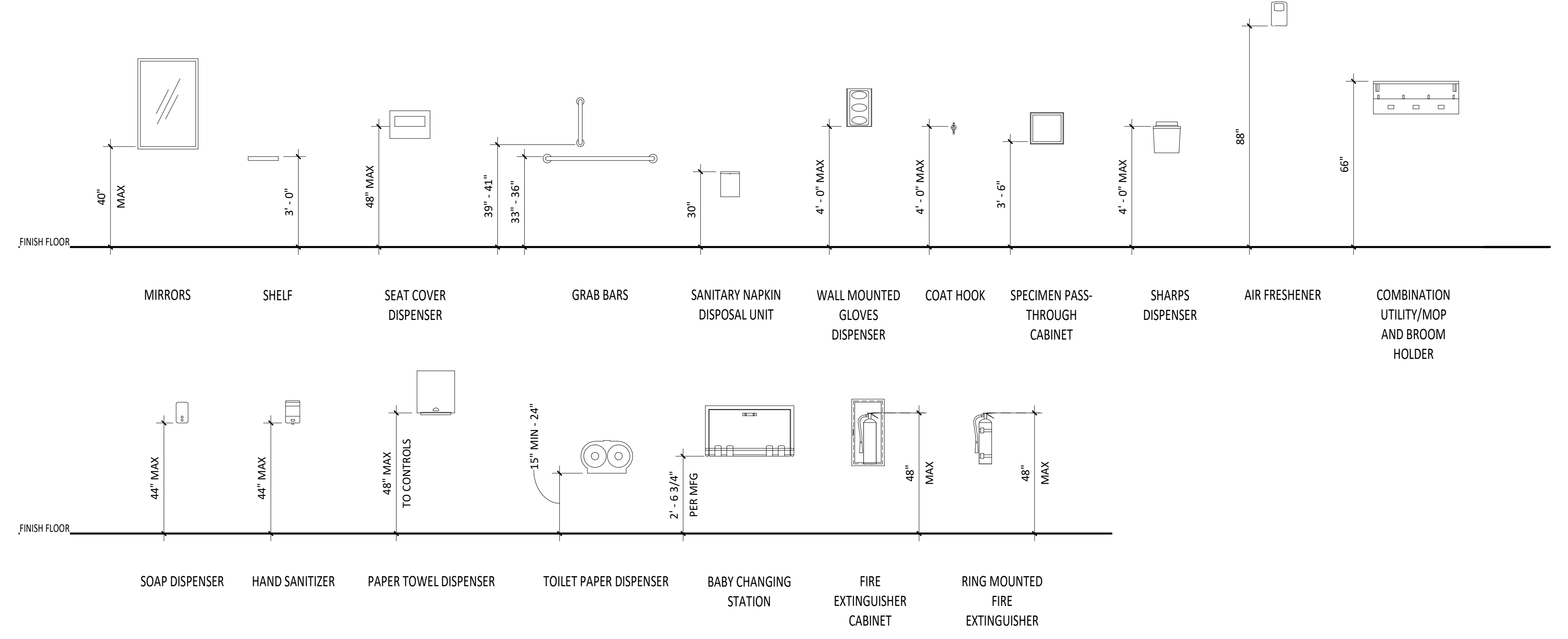
#	NUMBER OR POUND	JAN	JANITOR
Ø	DIAMETER	JST	JOIST
∠	ANGLE	JT	JOINT
@	AT		
&	LAB	LAB	LABORATORY
CL	CENTERLINE	LAM	LAMINATE
		LAV	LAVATORY
AB	ANCHOR BOLT	MAT	MATERIAL
ACP	ACOUSTICAL CEILING PANEL	MAX	MAXIMUM
ACT	ACOUSTICAL CEILING TILE	MECH	MECHANICAL
ADI	ADJUSTABLE	MET	METAL
AFI	ABOVE FINISH FLOOR		
ALUM	ALUMINUM	MFR	MANUFACTURER
ANDID	AND/IDED	MIN	MINIMUM
APPROX	APPROXIMATE	MISC	MISCELLANEOUS
ASSOC	ASSOCIATED	ML	MEASURING LINE
AWP	ACOUSTICAL WALL PANEL	MO	MASONRY OPENING
AWK	ACOUSTICAL WALL SYSTEM	MTD	MOUNTED
		MTG	MOUNTING
BD	BOARD	NA	NOT APPLICABLE
BFC	BROOM FINISH CONCRETE	NB	NO BASE (EXPOSED)
BLDG	BUILDING		
BLKG	BLOCKING		
BM	BEAM		
BO	BOTTOM OF	NC	NEW CONCRETE
BOT	BOTTOM	NCI	NOT IN CONTRACT
BRS	BEARING	NM	NEW MASONRY
BSMT	BASEMENT	NO	NUMBER
BTWN	BETWEEN	NOM	NOMINAL
		NTS	NOT TO SCALE
CAB	CABINET	OC	ON CENTER
CPT	CARPET	OD	OUTSIDE DIAMETER
C.I.P.	CAST-IN-PLACE	OFF	OFFICE
CI	CONTROL JOINT	OFI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CL	CENTERLINE	OFI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CLG	CEILING	OFI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CMU	CONCRETE MASONRY UNITS		
CO	CLEAN OUT		
COL	COLUMN	OPNG	OPENING
CONC	CONCRETE	OTA	OPEN TO ABOVE
CONST	CONSTRUCT	OTS	OPEN TO STRUCTURE OVERFLOW
CONT	CONTINUOUS		
CSK	COUNTERSINK	PC	PAINT COLOR
CMT	CERAMIC MOSAIC TILE	P.I.V.	POST INDICATOR VALVE
COT	CERAMIC QUARRY TILE	PLAST	PLASTIC
CWB	CERAMIC WALL BASE	PLYWD	PLYWOOD
		PR	PAIR
DBL	DOUBLE	R	THERMAL RESISTANCE
DEPT	DEPARTMENT	RCR	REFLECTED CEILING PLAN
DT	DETAIL	RD	ROOF DRAIN
DF	DRINKING FOUNTAIN	RDL	RAIN DRAIN LEADER
DIA	DIAMETER	REF	REFERENCE
DM	DIMENSION	REFRIG	REFRIGERATOR
DN	DOWN	REINF	REINFORCING
DS	DOWNSPOUT	REQ	REQUIRED
		RF	EPOXY FLOOR SYSTEM
EA	EACH	RM	ROOM
EBS	EXPANSION BASE TRIM	RO	ROUGH OPENING
EJ	EXPANSION JOINT	RST	RUBBER STAIR TREADS
ELEC	ELECTRICAL	RW	REDWOOD
ELEV	ELEVATION	RWB	RUBBER WALL BASE
EQ	EQUAL	RWC	RAIN WATER CONDUCTOR
EQUIP	EQUIPMENT		
ESTR	EXPOSED STRUCTURE (NEW OR EXISTING)	SC	SEALED CONCRETE
		SCHED	SCHEDULE
EFFS	EXTERIOR INSULATION & FINISH SYSTEM	SCW	SOLID CORE WOOD
EXIST	EXISTING	SGWB	SUSPENDED GYPSUM WALL BOARD
EXP	EXPANSION		
EXT	EXTERIOR	SHT	SHEET
		SHTG	SHEATHING
FD	FLOOR DRAIN	SIM	SIMILAR
F.D.C.	FIRE DEPARTMENT CONNECTION	SPECS	SPECIFICATIONS
FB	FIRE BLANKET	SQ	SQUARE
FE	FIRE EXTINGUISHER	SS	STAINLESS STEEL
FF	FACTORY FINISH	STD	STANDARD
F.H.	FIRE HYDRANT	STL	STEEL
FIN	FINISH	STOR	STORAGE
FL	FLOOR LINE	STRUCT	STRUCTURAL
FLR	FLOOR	SUSP	SUSPENDED
FND	FOUNDATION	SV	SHEET VINYL
FOC	FACE OF CHANNEL		
FOF	FACE OF FINISH	T&G	TONGUE AND GROOVE
FOS	FACE OF STUDS	TEMP	TEMPORARY
FT	FEET	TO	TOP OF
FTG	FOOTING	TOM	TOP OF MASONRY
FV	FIELD VERIFY	TS	TUBE STEEL
		TYP	TYPICAL
GA	GAUGE	UN	UNLESS OTHERWISE NOTED
GALV	GALVANIZED	VAR	VARIABLE
GB	GYPSUM BOARD	VCT	VINYL COMPOSITION TILE
GYP.BD.	GYPSUM BOARD	VERT	VERTICAL
		VEST	VESTIBULE
HAS	HEAD ANCHOR STUD	VPI	VENDOR FURNISHED / VENDOR INSTALLED
HCW	HOLLOW CORE WOOD		
HM	HOLLOW METAL		
HORIZ	HORIZONTAL		
HT	HEIGHT		
HW	HARDWOOD	W/	WITH
		WC	WATER CLOSET
IC	INTEGRAL COLORED	WD	WOOD
CMU	CONCRETE MASONRY UNITS	WF	WALL FABRIC
ID	INSIDE DIAMETER	WH	WATER HEATER
INSUL	INSULATION	WM	WALK-OFF MAT
INT	INTERIOR	W/O	WITH OUT
INV	INVERT	WP	WATERPROOF
		WRGB	WATER RESISTANT GYPSUM BOARD
		WT	WEIGHT
		WWF	WELDED WIRE FABRIC

KEYNOTE LIST:

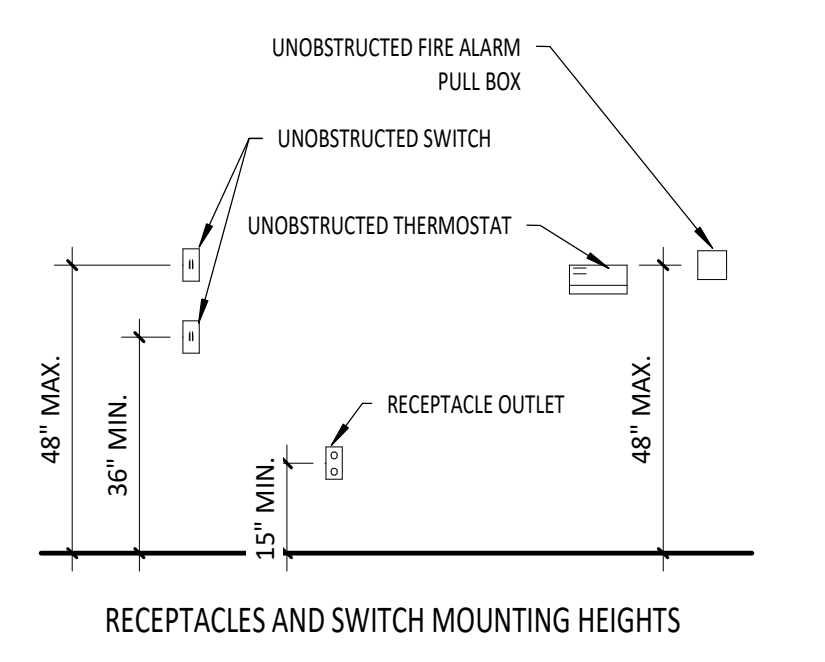
KEYNOTE #	KEYNOTE TEXT
051200.D	STEEL TUBE
061000.A	DIMENSIONAL LUMBER
061000.B	WOOD BLOCKING/FURRING/SUPPORTS
061000.C	WOOD BLOCKING/FURRING/SUPPORTS
061800.A	GLUED-LAMINATED CONSTRUCTION
064100.B	PLASTIC-LAMINATE-FACED BASE CABINET
064100.R	PLASTIC LAMINATE PANEL
072100.D	SOUND ATTENUATION BLANKET INSULATION
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT BACKING
081113.B	HOLLOW METAL FRAME
081113.C	HOLLOW METAL DOOR
081113.D	GLAZED LITE
084313.C	INTERIOR ALUMINUM STOREFRONT FRAMING SYSTEM
088000.E	MONOLITHIC FLOAT GLASS
088000.F	MONOLITHIC SAFETY GLASS
092116.B	STEEL STUD FRAMING (NON-LOAD-BEARING)
092116.K	GYPSUM WALLBOARD
092216.P	GYPSUM WALL BOARD
093000.C	WALL TILE (CT-1)
093000.D	METAL COVERED TRIM (TT-2)
093000.E	METAL EDGE TRIM (TT-1)
095100.B	SUSPENDED METAL GRID CEILING SYSTEM
096500.D	RUBBER BASE
104400.C	MIRROR
104400.D	ROBE HOOK (QTY Z)
104400.E	TOWEL BAR (QTY Z)
123600.C	SOLID SURFACING COUNTERTOPS



C3 ACCESSIBLE FIXTURE CLEARANCE REQUIREMENTS
3/8" = 1'-0"



D3 TYPICAL ACCESSORIES MOUNTING HEIGHTS
3/8" = 1'-0"



E3 MISC. MOUNTING HEIGHTS
3/8" = 1'-0"



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DRAWING INFORMATION & ACCESSIBILITY COMPLIANCE

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Sheet No:
G0.02

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1

2

3

4

5

6

A

B

C

D

E

<p>WALL S36T</p> <p>FIRE RATING: NON-RATED FIRE TEST: NONE WALL HEIGHT: TO DECK ABOVE</p> <p>INTERIOR FACE: 5/8" GYPSUM WALLBOARD STRUCTURE: 3-5/8" STEEL STUD EXTERIOR FACE: 5/8" GYPSUM WALLBOARD INSULATION: SOUND ATTENUATION INSULATION IN STUD CAVITY INTERIOR FACE: TILE 5/8" WATER RESISTANT GYPSUM BACKING BOARD</p> <p>EXTERIOR INTERIOR</p>	<p>WALL W41</p> <p>FIRE RATING: NON-RATED FIRE TEST: NONE WALL HEIGHT: TO DECK ABOVE</p> <p>INTERIOR FACE: 5/8" GYPSUM WALLBOARD STRUCTURE: 3-5/8" STEEL STUD EXTERIOR FACE: 5/8" GYPSUM WALLBOARD</p> <p>EXTERIOR INTERIOR</p>	<p>WALL W46</p> <p>FIRE RATING: NON-RATED FIRE TEST: NONE WALL HEIGHT: TO DECK ABOVE</p> <p>INTERIOR FACE: 5/8" GYPSUM WALLBOARD STRUCTURE: 3-5/8" STEEL STUD EXTERIOR FACE: 5/8" GYPSUM WALLBOARD</p> <p>EXTERIOR INTERIOR</p>
<p>WALL W48</p> <p>FIRE RATING: NON-RATED FIRE TEST: NONE WALL HEIGHT: TO DECK ABOVE</p> <p>INTERIOR FACE: 5/8" GYPSUM WALLBOARD STRUCTURE: 3-5/8" STEEL STUD EXTERIOR FACE: 5/8" GYPSUM WALLBOARD</p> <p>EXTERIOR INTERIOR</p>	<p>WALL W61</p> <p>FIRE RATING: 1-HOUR FIRE TEST: UL U419 (NON-BEARING) WALL HEIGHT: TO DECK ABOVE</p> <p>INTERIOR FACE: 5/8" GYPSUM WALLBOARD STRUCTURE: 3-5/8" STEEL STUD EXTERIOR FACE: 5/8" GYPSUM WALLBOARD</p> <p>EXTERIOR INTERIOR</p>	<p>WALL W66</p> <p>FIRE RATING: NON-RATED FIRE TEST: NONE WALL HEIGHT: TO DECK ABOVE</p> <p>INTERIOR FACE: 5/8" GYPSUM WALLBOARD STRUCTURE: 3-5/8" STEEL STUD EXTERIOR FACE: 5/8" GYPSUM WALLBOARD</p> <p>EXTERIOR INTERIOR</p>

C1 WALL TYPES - INTERIOR 02
G0.04 1 1/2" = 1'-0"

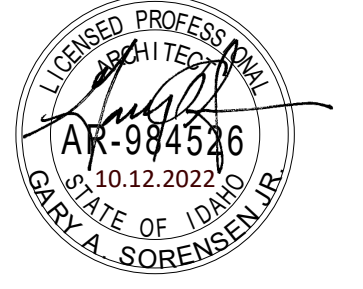
GENERAL NOTES

1. WALL TYPES DESCRIBED ON THIS SHEET DO NOT ACCOUNT FOR REQUIRED BACKING AND/OR SUPPORT FOR WALL MOUNTED FIXTURES, EQUIPMENT, CASEWORK AND/OR SYSTEMS FURNITURE. COORDINATE WITH ENLARGED FLOOR PLANS, AND INTERIOR ELEVATIONS PRIOR TO THE COVERING OF STUD FRAMING. REFER TO MANUFACTURER'S RECOMMENDATIONS AND USE MOUNTING PLATE ELEVATION TYP. DETAIL WHERE APPLICABLE.
2. PROVIDE SEISMIC BRACING PER SEISMIC BRACING DETAIL @ PARTITION WALLS, TYP. AT ALL WALL TYPES THAT DO NOT EXTEND TO DECK.
3. WALL THICKNESS DESCRIBED ON THIS SHEET ARE SHOWN NOMINALLY IN PLAN REPRESENTATIONS.
4. HORIZONTAL BRACING 2'-0" A.F.F. AT FIRST OCCURRENCE AND EVERY 4'-0" THEREAFTER AT ALL WALLS WITH GYPSUM BOARD ON ONLY ONE SIDE.
5. AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
6. AT ALL WALLS THAT EXTEND TO STRUCTURE PROVIDE DEFLECTION TRACK. RE: SPECIFICATION SECTION 092216 - GYPSUM BOARD ASSEMBLIES.
7. FOR ALL WALLS WITH TILE INSTALLED IN DRY AREAS USE WATER RESISTANT GYPSUM BACKING BOARD. RE: SPECIFICATIONS SECTION 092116 - GYPSUM BOARD ASSEMBLIES.
8. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF CLEARANCES AND ADA REQUIREMENTS ARE NOT ACHIEVED.



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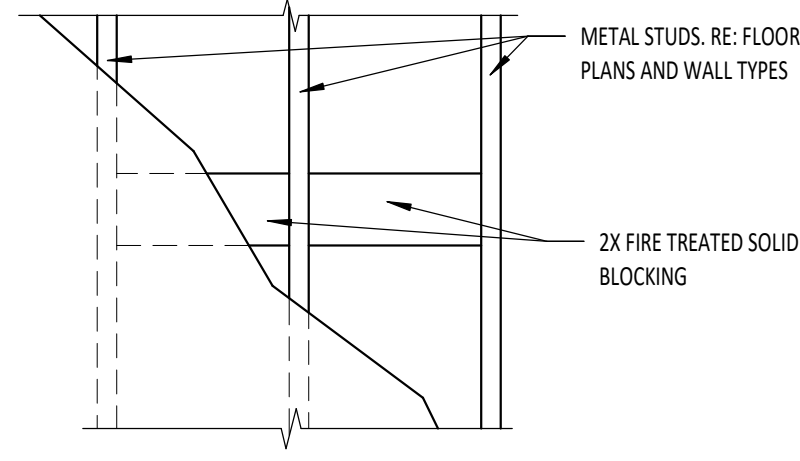
WALL TYPES AND RATED ASSEMBLIES

PERMIT SET: 10/12/2022

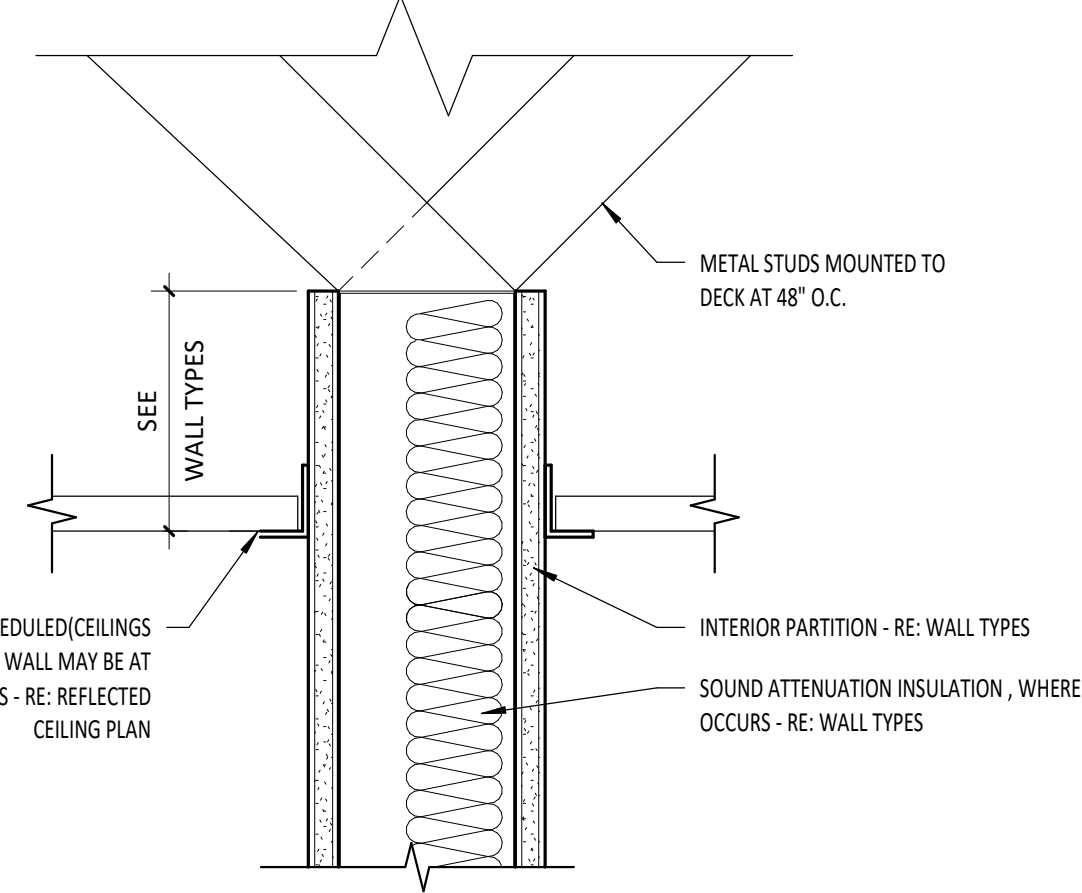
Sheet No:

G0.04

A



A1 MOUNTING PLATE ELEVATION, TYP.
G2.01 1/2" = 1'-0"



A2 SEISMIC BRACING @ PARTITION WALLS, TYP.
G2.01 12" = 1'-0"

B

C

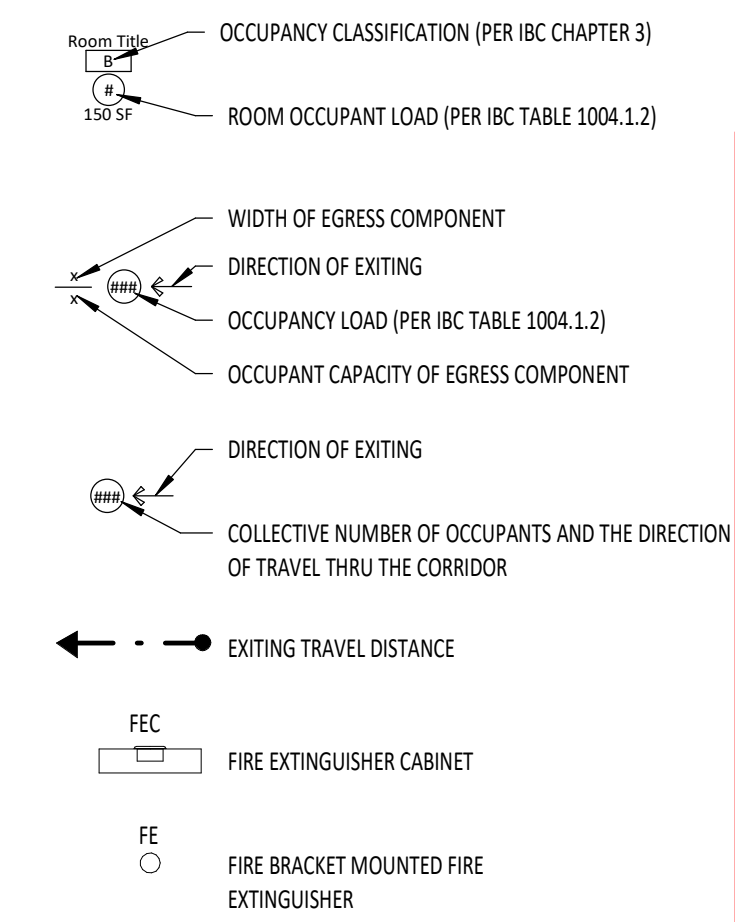
D

E



E1 LEVEL 1-EXITING AND OCCUPANCY PLAN
G2.01 3/32" = 1'-0"

LEGEND



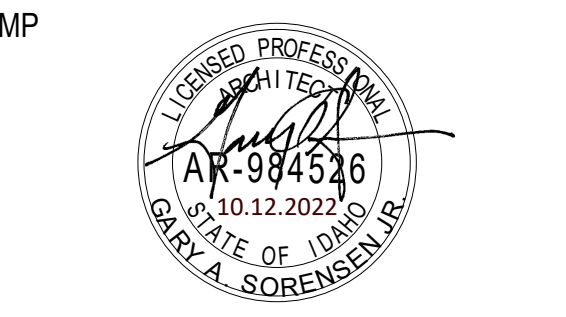
CODE ANALYSIS SUMMARY

USE AND OCCUPANCY CLASSIFICATION (PER IBC CHAPTER 3)	
GROUP(S):	B
GENERAL BUILDING HEIGHTS AND AREAS (PER IBC CHAPTER 5)	
CONSTRUCTION TYPE:	II-B
BUILDING HEIGHT IN FEET (TABLE 504.3):	EXISTING NO CHANGE
BUILDING HEIGHT IN STORIES (TABLE 504.4):	NO CHANGE
FIRE RESISTIVE RATING REQUIREMENTS FOR BUILDING ELEMENTS (PER IBC CHAPTER 6)	
CONSTRUCTION TYPE:	II-B
PRIMARY STRUCTURAL FRAME (HOURS):	0
BEARING WALLS EXTERIOR (HOURS):	0
BEARING WALLS INTERIOR (HOURS):	0
NONBEARING WALLS AND PARTITIONS EXTERIOR (HOURS):	0
NONBEARING WALLS AND PARTITIONS INTERIOR (HOURS):	0
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (HOURS):	0
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (HOURS):	0
INTERIOR FINISHES (IBC CHAPTER 8)	
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGeways	
CORRIDORS AND ENCLOSURES FOR EXIT ACCESS STAIRWAYS AND RAMPS	
ROOMS AND ENCLOSED SPACE	
OCCUPANCY GROUP	B
FIRE PROTECTION SYSTEMS (PER IBC CHAPTER 9)	
AUTOMATIC SPRINKLER SYSTEM: NFPA 13	
MAXIMUM COMMON PATH OF EGRESS TRAVEL (FEET):	25
MAXIMUM EXIT ACCESS TRAVEL DISTANCE (FEET):	300
PLUMBING FIXTURE COUNT (REVISION FROM ORIGINAL DESIGN)	
NO CHANGE TO OCCUPANCY OF BUILDING. THE SCOPE OF THIS PROJECT DOES INCLUDE REMOVAL OF TWO (2) STANDARD WATER CLOSET STALL CONFIGURATIONS IN THE FEMALE LAVATORIES AND REPLACES THEM WITH ONE (1) SHOWER.	
FEMALE REQUIRED WATER CLOSETS:	6
FEMALE PROVIDED WATER CLOSETS:	26

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Sheet Name: LEVEL 1 - EXITING AND OCCUPANCY PLAN

PERMIT SET: 10/12/2022

Sheet No: G2.01

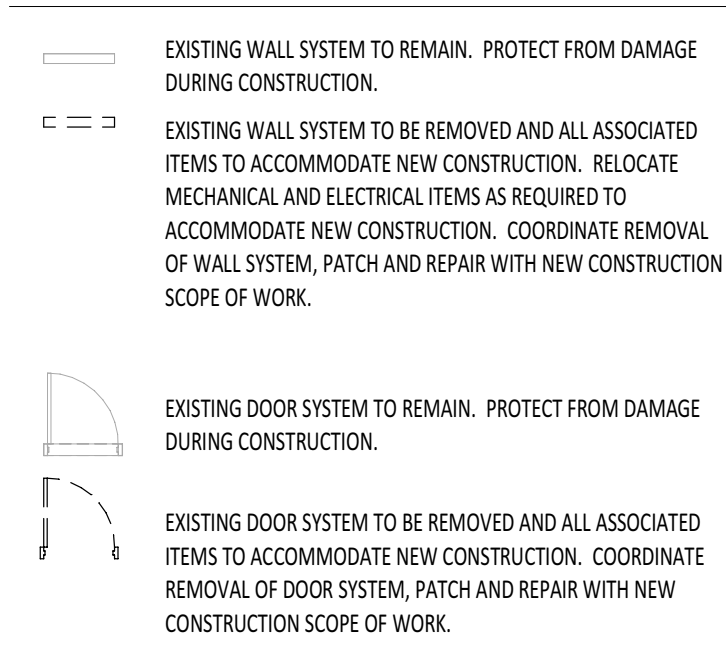
SCHEDULE - ROOM FINISH											
ROOM NO.	ROOM NAME	FLOOR		WALLS				CASEWORK		CEILING	REMARKS
		MAT.	BASE	NORTH	EAST	SOUTH	WEST	CABINETRY	COUNTER TOP		
178	RESTROOM	SV-1	CT-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	PL-1	SDS-1	P-2	-
181	RESTROOM	SV-1	CT-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	PL-1	SDS-1	P-2	-
185	RESTROOM	SV-1	CT-1/RB-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	PL-1	SDS-1	P-2	1
186	RESTROOM	SV-1	CT-1/RB-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	CT-1/P-1	PL-1	SDS-1	P-2	1

SCHEDULE - FINISH LEGEND						
FINISH	PRODUCT DESCRIPTION	MANUFACTURER	STYLE/PATTERN/COLOR	SIZE	PRODUCT NUMBER	COMMENTS
CT-1	CERAMIC TILE	AMERICAN OLEAN	COLOR STORY; COLOR: CALM; FINISH: GLOSSY	3" x 6"	0035	INSTALLATION: RUNNING BOND
GR-1	GROUT	CUSTOM BUILDING PRODUCTS	NATURAL GRAY 09	-	-	USE WITH CT-1
P-1	PAINT (FIELD)	SHERWIN WILLIAMS	WORLDLY GRAY	-	SW7043	FINISH: EGGSHELL
P-2	PAINT (CEILING)	SHERWIN WILLIAMS	CEILING BRIGHT WHITE	-	SW7007	FINISH: EGGSHELL
PL-1	PLASTIC LAMINATE	NEVAMAR	COLOR: FOUNDRY; FINISH: TEXTURED	-	S-284T	-
RB-1	RESILIENT BASE	TARNETT	TRADITIONAL (TYPE TV); PROFILE: COVERED TOE; COLOR: GRAY WG	6"	DC-48	-
RF-1	RESILIENT FLOOR ACCESSORY	TARNETT	SUN LINE TRANSITION; COLOR: 48 GRAY WG	-	SCT-48-C	REFER TO FLOOR PLANS FOR LOCATIONS
SDS-1	SOLID SURFACE COUNTERTOP	WILSONART	DUCK ICE	1/2" THICKNESS	9203CE	EDGE PROFILE: 1/4" ROUND OVER
SV-1	SHEET VINYL	PATCRAFT	PATTERN: RY WALK 1404V; COLOR: URBAN GRAY	6" WIDE SHEET	00580	USE MATCHING WELD ROD
TT-1	METAL EDGE TRIM	SHLUTER	JOLLY; COLOR: BLACK BROWN	-	A 80 SB	REFER TO INTERIOR ELEVATIONS FOR LOCATIONS
TT-2	METAL COVERED TRIM	SHLUTER	DILEX AHKA; COLOR: BLACK BROWN	-	AHKA 80 150B	REFER TO INTERIOR ELEVATIONS FOR LOCATIONS

SCHEDULE - RESTROOM ACCESSORIES					
ACCESSORY #	PRODUCT TYPE	MANUFACTURER	MODEL NUMBER	STYLE/FINISH	LOCATION (ROOM #)
AC-1	SHOWER ROD	CONTRACTOR TO DETERMINE	TBD	54" FIXED SHOWER ROD	RESTROOM (186)
AC-2	SHOWER ROD	CONTRACTOR TO DETERMINE	TBD	36" FIXED SHOWER ROD	RESTROOM (186)
AC-3	MIRROR	BORWICK	BP-200 2436	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME, SATIN FINISH	RESTROOM (178, 181, 185, 186)
AC-4	TOWEL BAR	BETTER HOME PRODUCTS	942ACH	PARK PRESONIO TOWEL BAR, FINISH: CHROME	RESTROOM (186)
AC-5	ROBE HOOK	BETTER HOME PRODUCTS	9403CH	PARK PRESONIO ROBE HOOK, FINISH: CHROME	RESTROOM (186)
AC-6	TOILET PARTITIONS	BRADLEY OR EQUAL	-	BRADAMAR TOILET PHENOLIC PARTITIONS; COLOR: TBD	RESTROOM (178, 181, 185, 186)

1209.2 - Finish Materials- Smooth, hard, nonabsorbent walls as required to a height of 4'

LEGEND - DEMO PLAN



GENERAL NOTES - DEMO PLAN

- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO THE FACE OF STUDS FOR GWB WALLS/PARTITIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF FINISHED MASONRY FOR CMU.
- SCREENED LINES REPRESENT EXISTING WALLS, DOORS, WINDOWS, ETC TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- FOR DIMENSIONAL EXTENTS OF EXISTING WALL DEMOLITION, CUTTING AND PATCHING, SEE NEW FLOOR PLANS.
- PROTECT FROM DAMAGE ALL EXISTING TO REMAIN CASEWORK, EQUIPMENT, FLOOR FINISHES AND CEILING FINISHES DURING CONSTRUCTION.
- PROTECT FROM DAMAGE DURING DEMOLITION, MOVING AND CONSTRUCTION ALL EXISTING CASEWORK, EQUIPMENT, FURNITURE AND ARTWORK THAT IS TO BE RE-USED.
- SEE MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
- WHERE EXISTING CARPET/CARPET TILE ARE TO REMAIN, CUT AND PATCH CARPET AS REQUIRED TO FACILITATE NEW CONSTRUCTION.
- VERIFY ALL AS-BUILT CONDITIONS PRIOR TO DEMOLITION.
- COORDINATE REMOVAL OF EXISTING SYSTEMS, PATCH AND REPAIR WITH NEW CONSTRUCTION SCOPE OF WORK.
- PATCH AND REPAIR WALLS SO THERE ARE NO NOTICEABLE SEAMS OR BREAKS.
- RELOCATE MECHANICAL AND ELECTRICAL SYSTEMS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
- COORDINATE EXTENTS OF CONCRETE FLOOR SLAB DEMOLITION WITH PLUMBING DEMO DRAWINGS.
- ALL PRIMARY STRUCTURAL WALLS AND COLUMNS HAVE A 1-HOUR, WHERE REVISING/DISTURBING EXISTING PRIMARY STRUCTURE WALLS, PATCH AND REPAIR WALL TO PRESERVE RATING.
- UNLESS NOTED OTHERWISE, REMOVE ALL FLOORING AND RUBBER WALL BASE.

REFERENCE NOTES

- REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED ITEMS. COORDINATE WITH DEMO PLUMBING DRAWINGS AND NEW CONSTRUCTION SCOPE OF WORK.
- REMOVE EXISTING CASEWORK AND ALL ASSOCIATED ITEMS.
- REMOVE EXISTING PLUMBING PARTITIONS AND ALL ASSOCIATED ITEMS. COORDINATE WITH DEMO PLUMBING DRAWINGS AND NEW CONSTRUCTION SCOPE OF WORK.
- REMOVE AND RE-INSTALL ALL BATHROOM ACCESSORIES. COORDINATE WITH NEW CONSTRUCTION SCOPE OF WORK, TYPICAL.
- PATCH AND REPAIR WALL TO ACCEPT NEW FINISHES.
- NEW WALL TILE TO BE INSTALLED OVER EXISTING WALL. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR EXTENT OF NEW TILE.

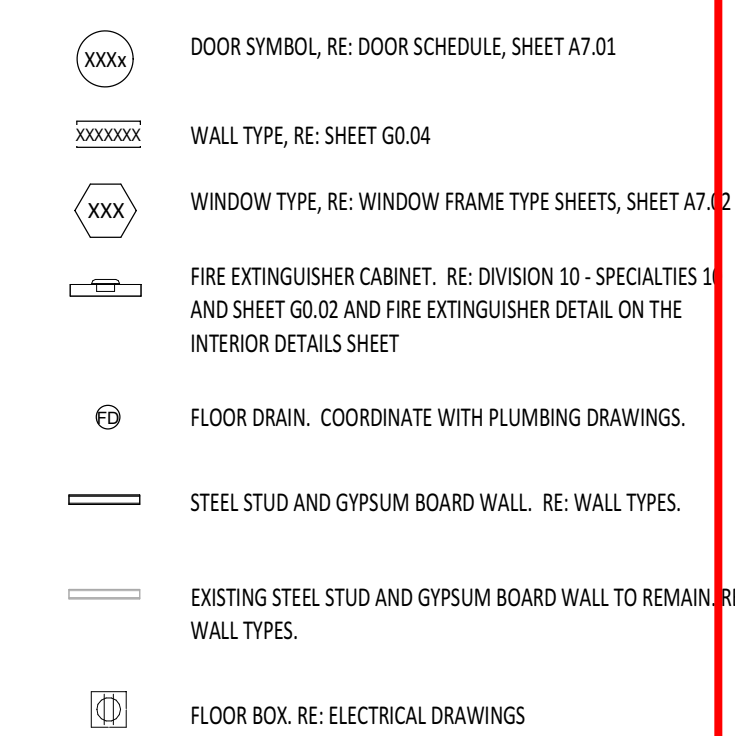
REMARKS

- INSTALL RB-1 IN SHOWER AREAS ONLY.

GENERAL NOTES - FLOOR PLAN

- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO THE FACE OF STUDS OR GWB WALLS / PARTITIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF FINISHED MASONRY FOR CMU.
- FOR FLOOR FINISHES RE: ROOM FINISH SCHEDULE, AND FINISH FINISH.
- UNLESS NOTED OTHERWISE ALL GWB WALLS SHALL HAVE A 4" STUD FRAME RETURN AT ALL DOOR AND WINDOW JAMBS.
- SEE ENLARGED PLANS FOR WALL TYPES.
- FOR WALLS NOT DESIGNATED WITH A WALL TYPE, COORDINATE WITH STRUCTURAL DRAWINGS & WALL SECTIONS.
- WHERE INSTALLING NEW COLUMNS IN EXTERIOR WALLS, PATCH AND REPAIR WALL TO MAINTAIN 1 HOUR RATED ASSEMBLY.
- WHERE NEW WALLS-PLANE ALIGNS WITH EXISTING WALL PLANE THERE SHALL BE NO NOTICEABLE SEAMS OR BREAKS IN THE FINISHED APPEARANCE OF THE WALL.

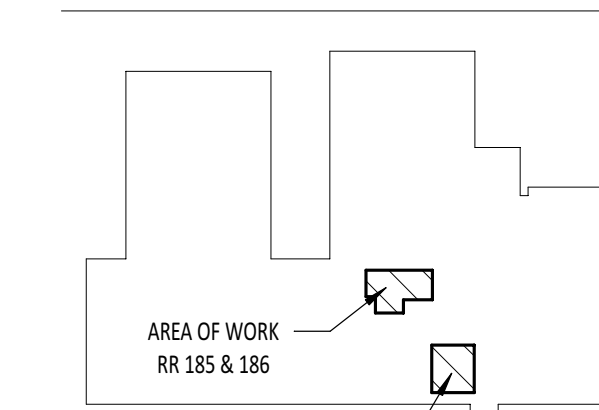
LEGEND - FLOOR PLAN



ABBREVIATIONS

- FLOOR FINISHES**
SV VINYL SHEET FLOOR COVERING
- WALL BASE**
RB RESILIENT BASE
- WALL FINISHES**
CT CERAMIC TILE
P PAINT
- CASEWORK**
PL PLASTIC LAMINATE
SS SOLID SURFACE

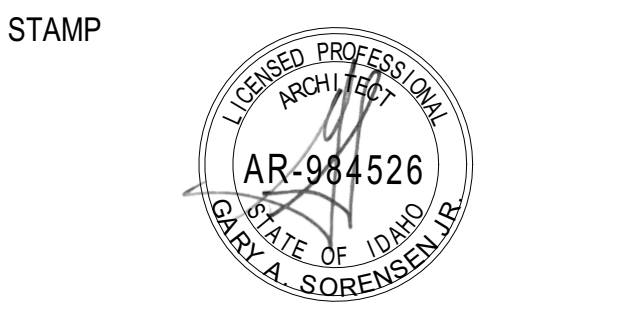
KEY PLAN



- FOR BIDDING PURPOSES ONLY - CONTRACTOR TO OBTAIN APPROVED DRAWINGS FROM CITY OF BOISE PRIOR TO COMMENCEMENT OF WORK



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Project:
CDH ARMSTRONG PLACE RENOVATIONS
707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions:	Date
1 CITY COMMENTS	12/01/2022

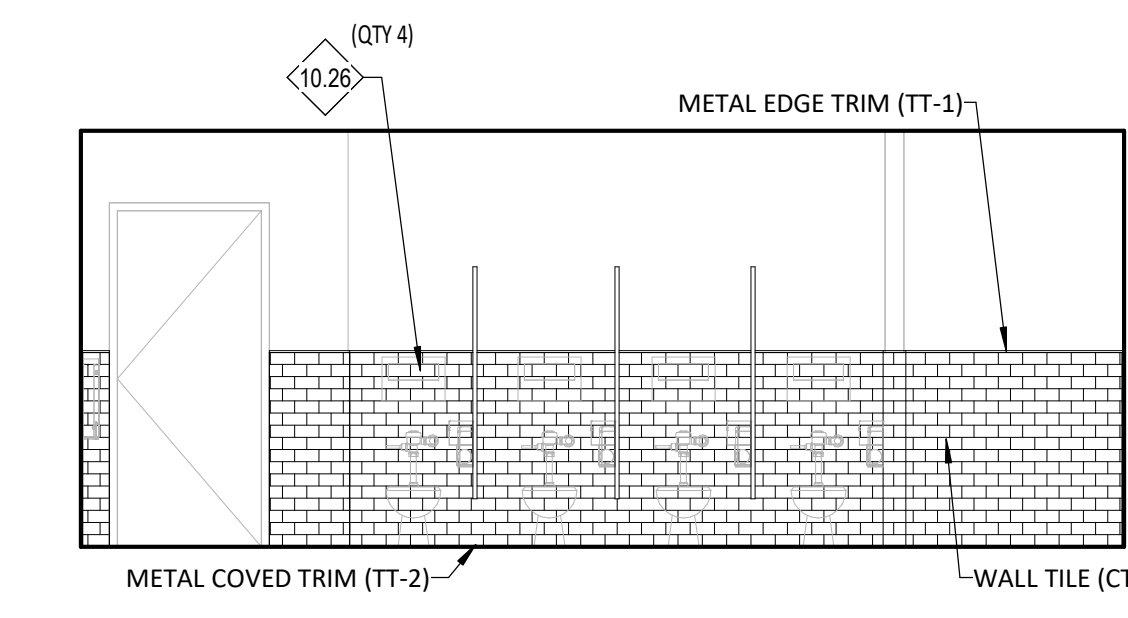
Project No: 22-026
Date: 10/9/2022
Checked By: RS / AF
Drawn By: OH

Sheet Name:
ENLARGED PLANS - RESTROOMS

Sheet No:
A5.01

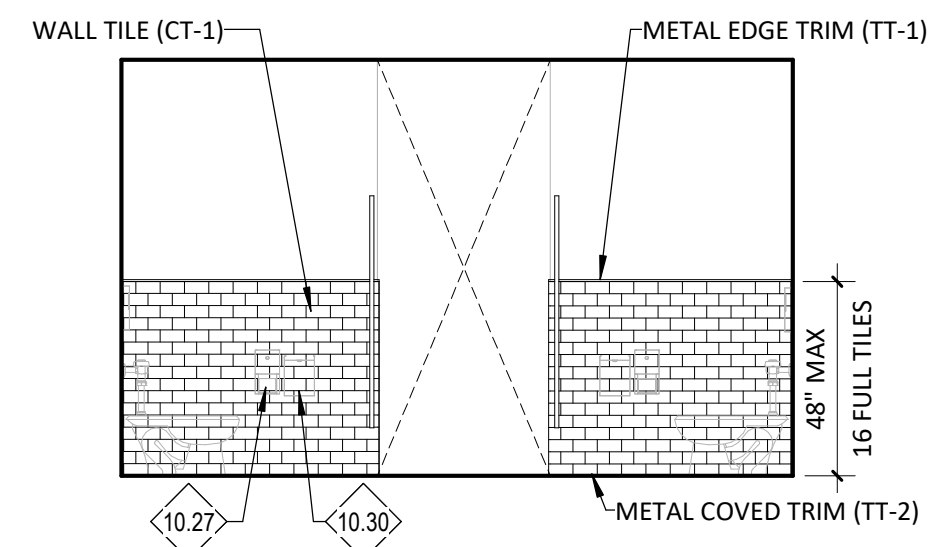
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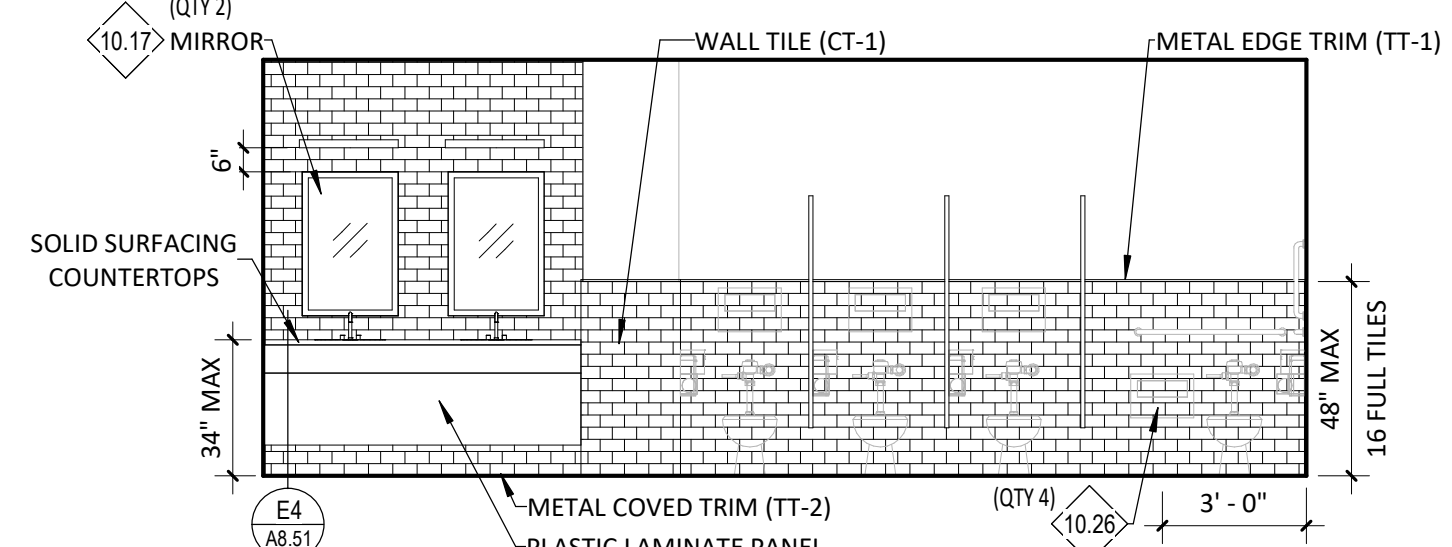
A1 178 RESTROOM - NORTH
A8.51 1/4" = 1'-0"

B



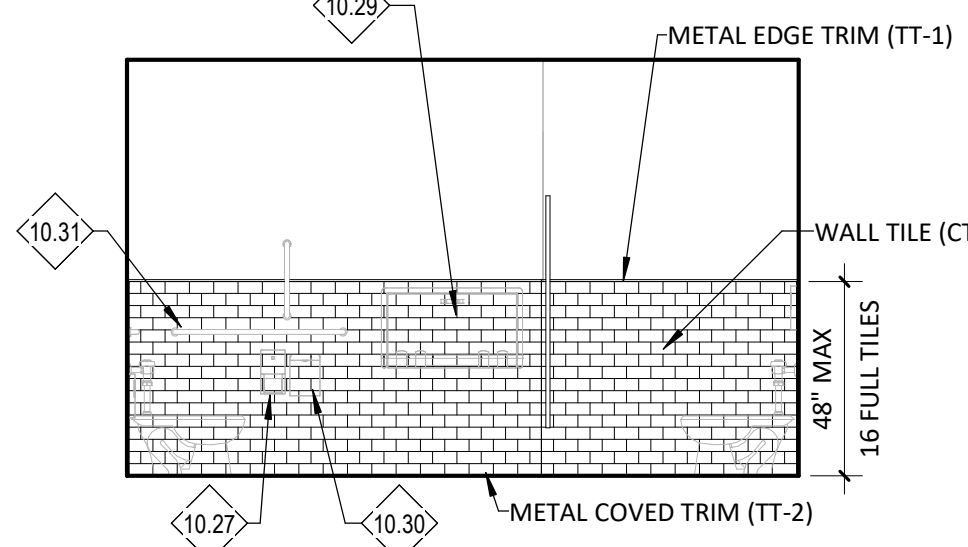
A2 178 RESTROOM - EAST
A8.51 1/4" = 1'-0"

C



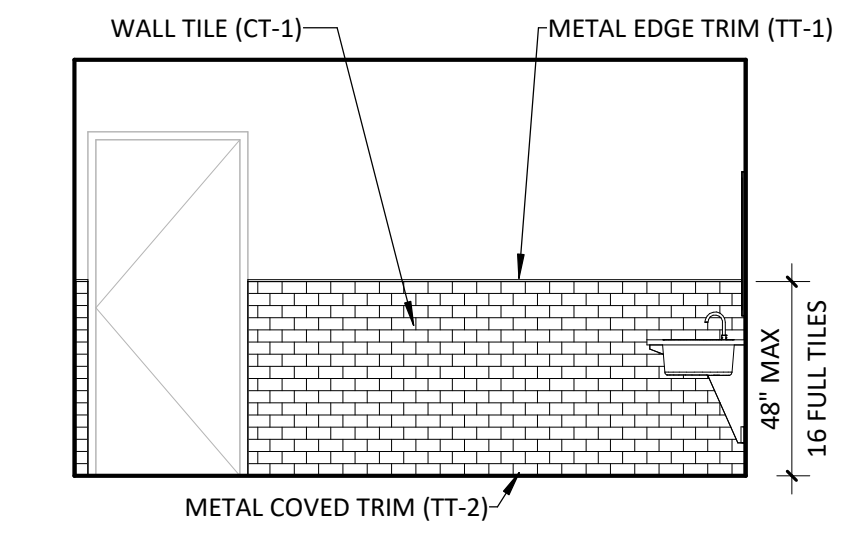
A3 178 RESTROOM - SOUTH
A8.51 1/4" = 1'-0"

D



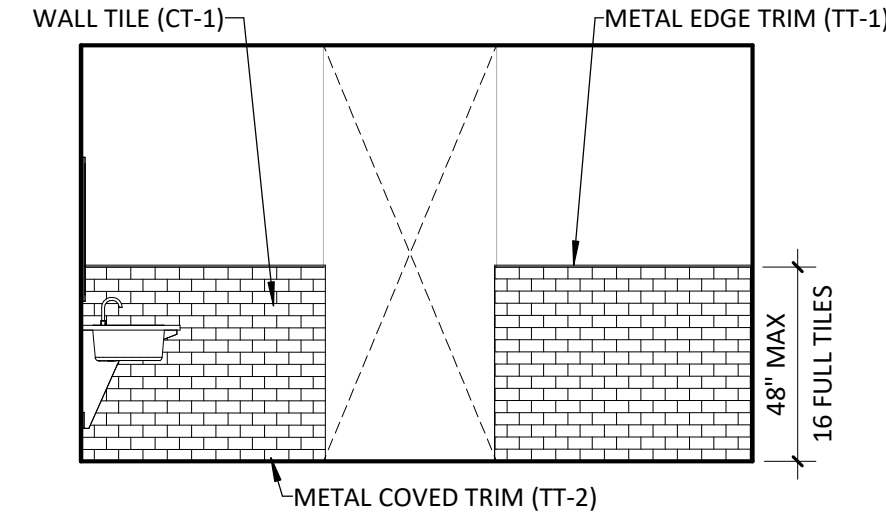
A5 178 RESTROOM - WEST
A8.51 1/4" = 1'-0"

E

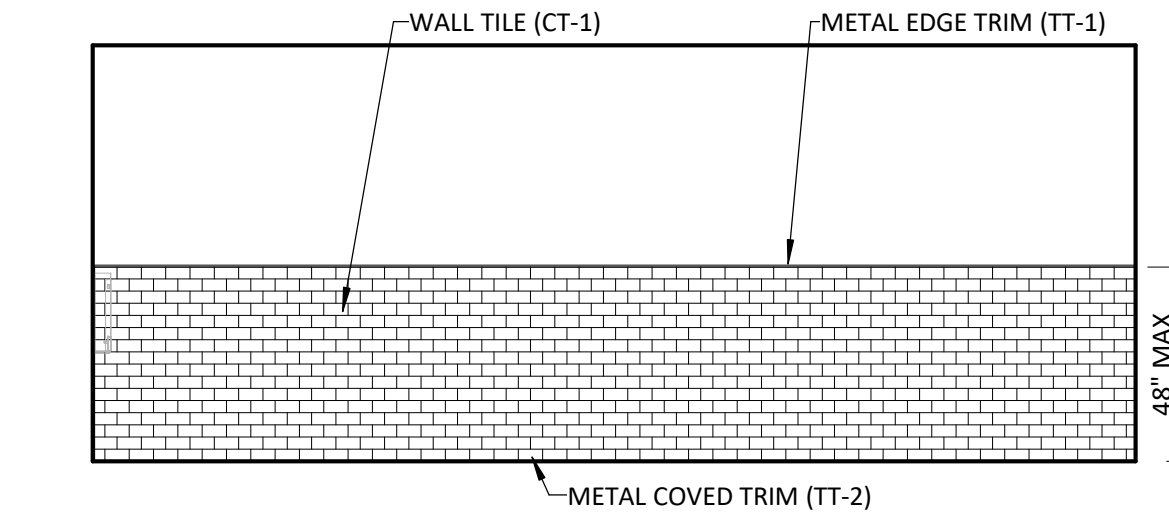


A6 178 RESTROOM - EAST (SINKS)
A8.51 1/4" = 1'-0"

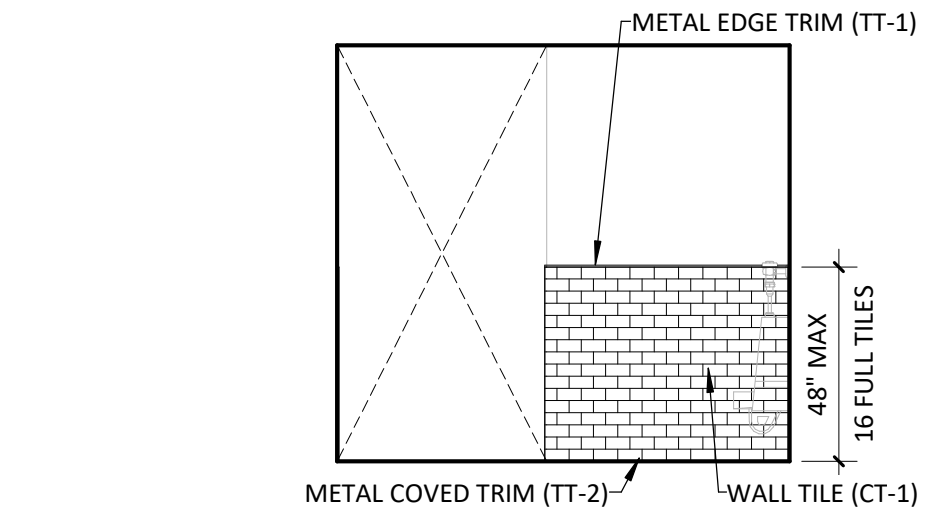
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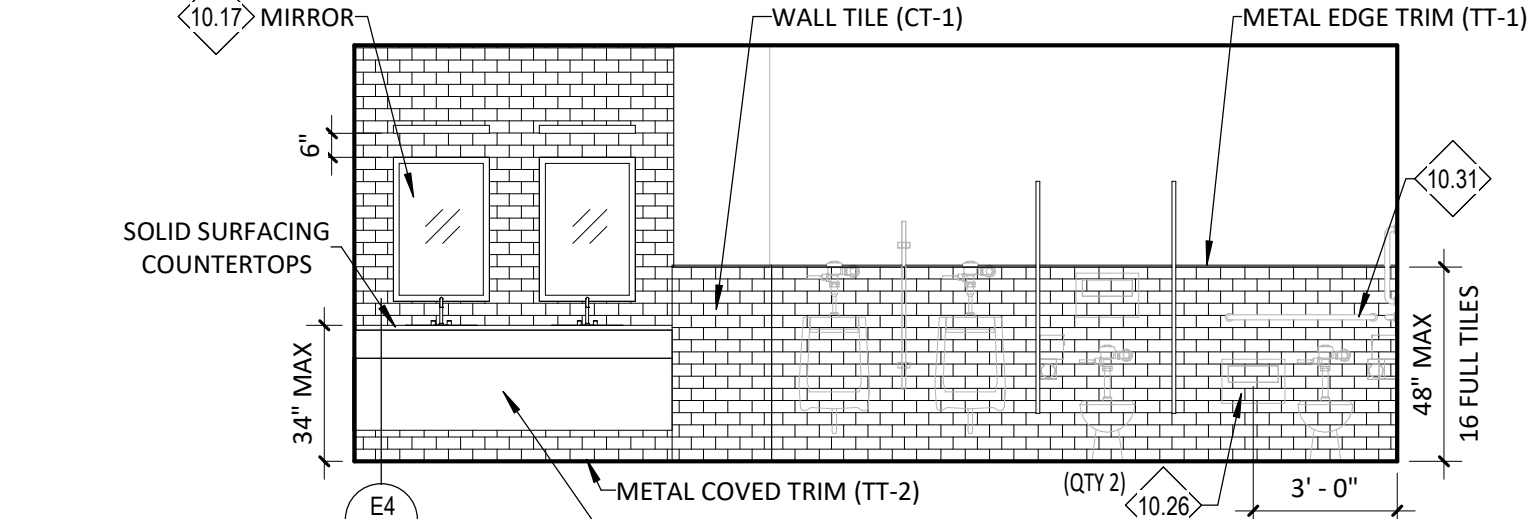
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A8.51 1/4" = 1'-0"



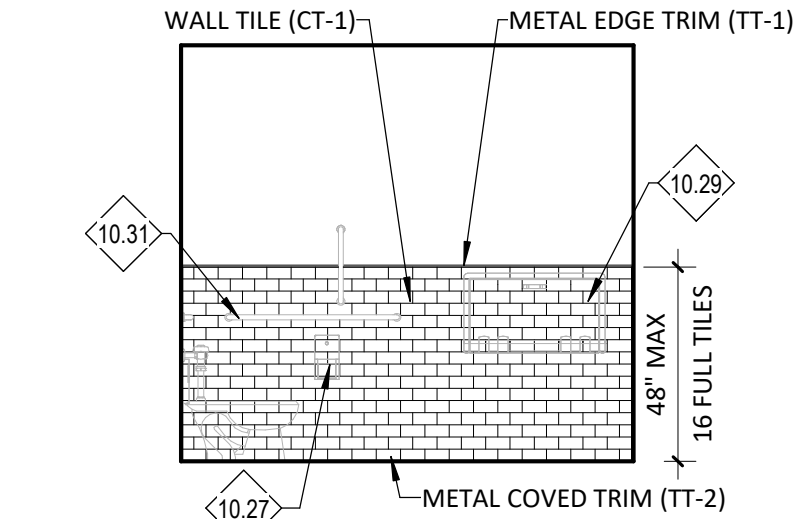
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A8.51 1/4" = 1'-0"



B3 181 RESTROOM - EAST
A8.51 1/4" = 1'-0"

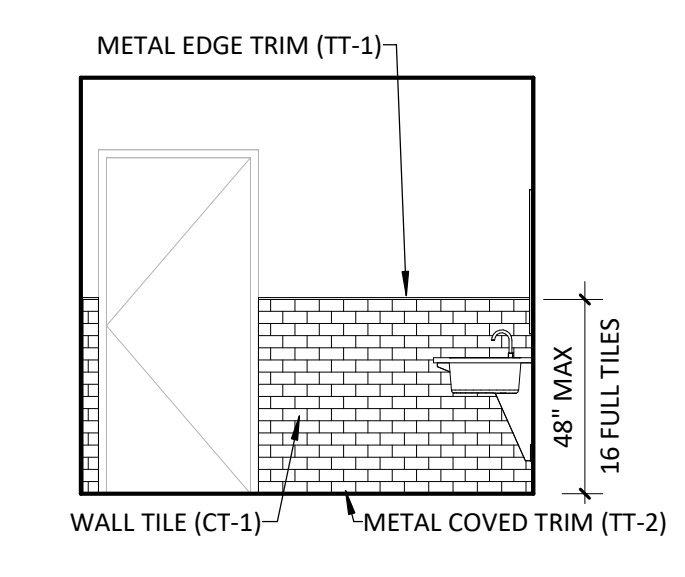


B4 181 RESTROOM - SOUTH
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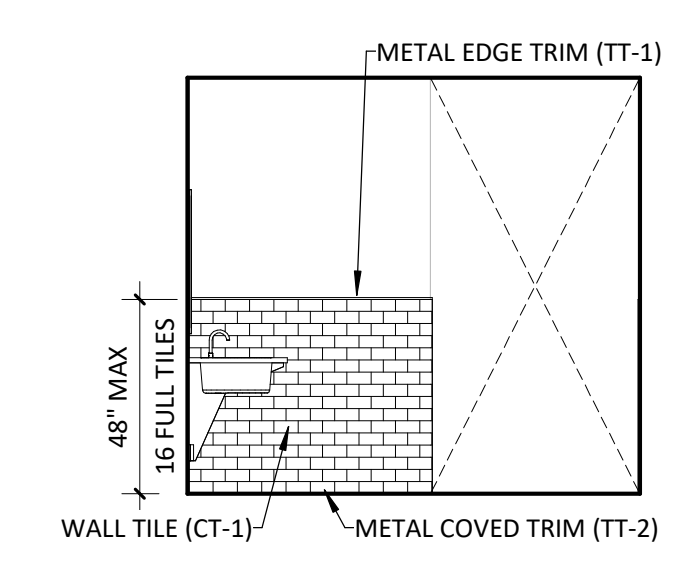


B6 181 RESTROOM - WEST
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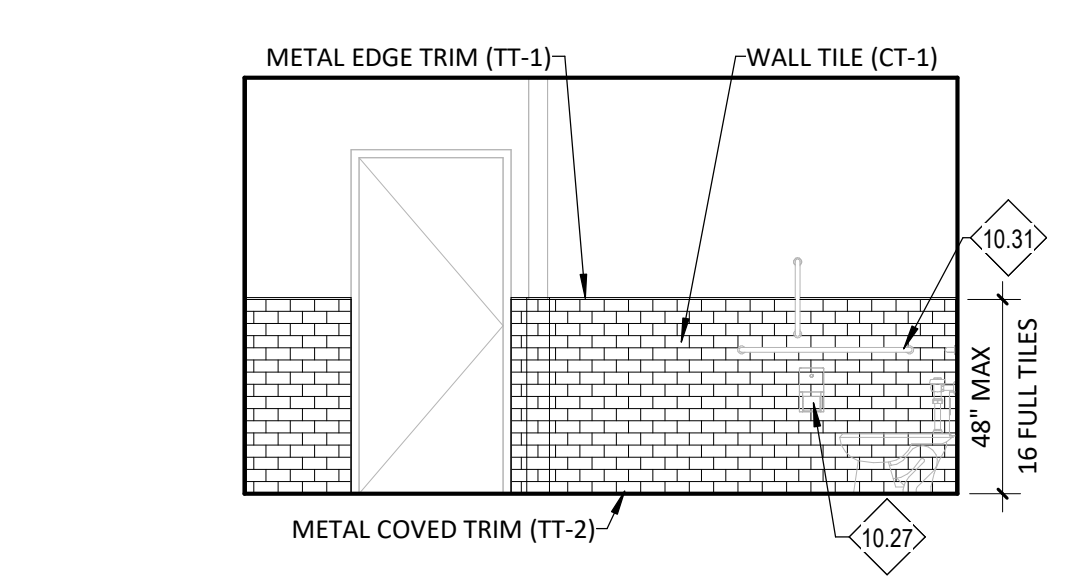
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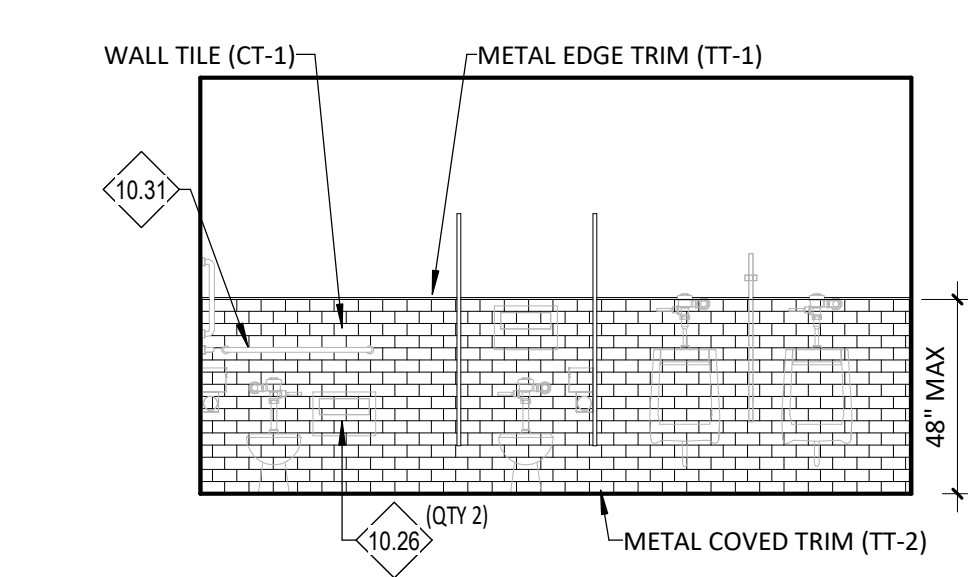
C1 181 RESTROOM - EAST (SINKS)
A8.51 1/4" = 1'-0"



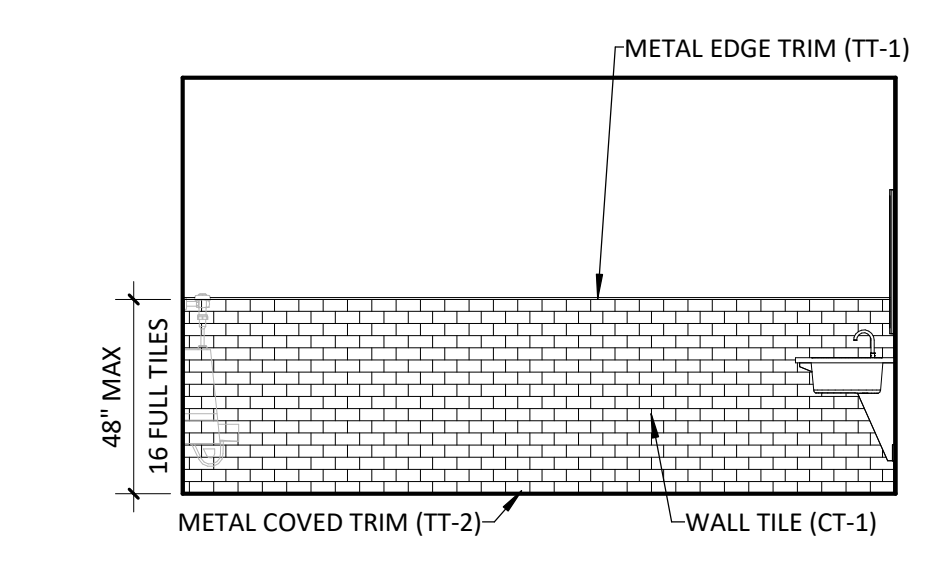
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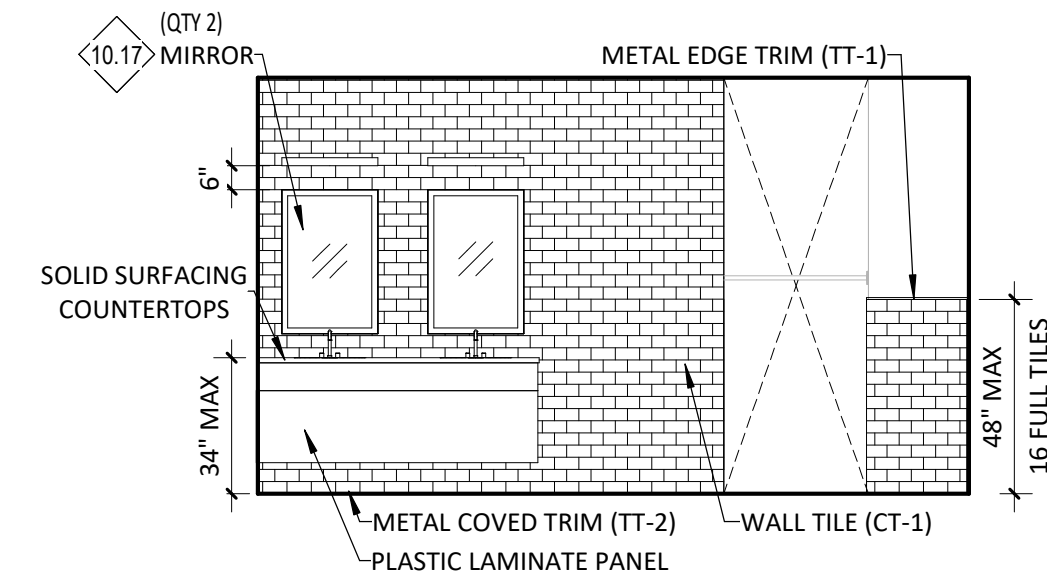
C3 185 RESTROOM - NORTH
A8.51 1/4" = 1'-0"



C4 185 RESTROOM - EAST
A8.51 1/4" = 1'-0"

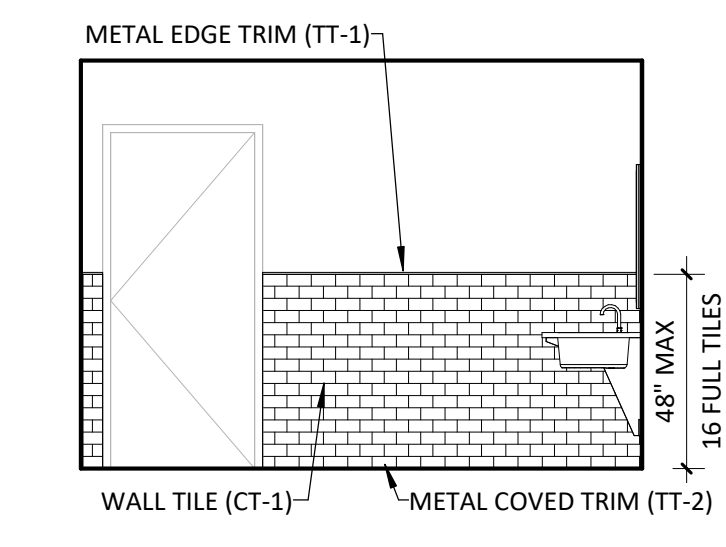


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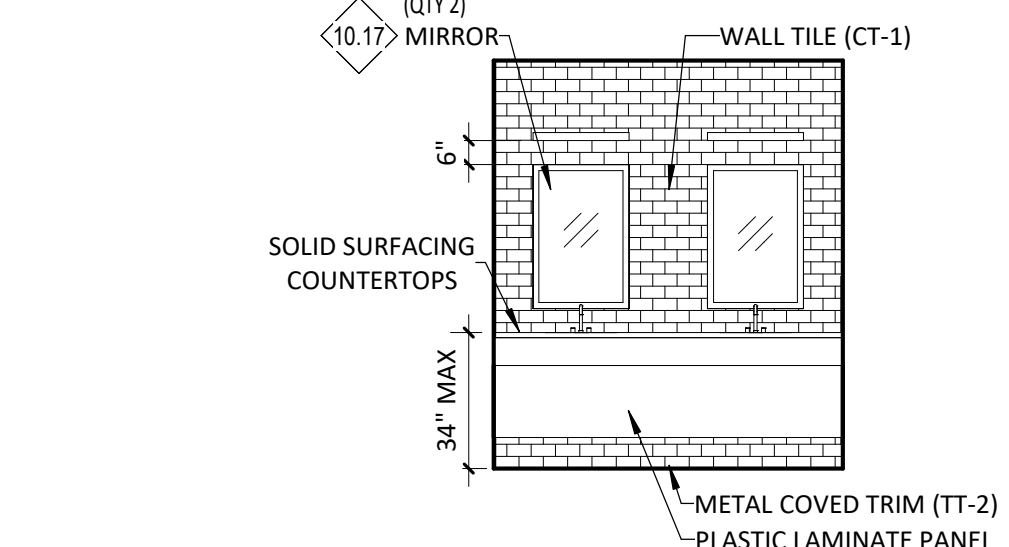


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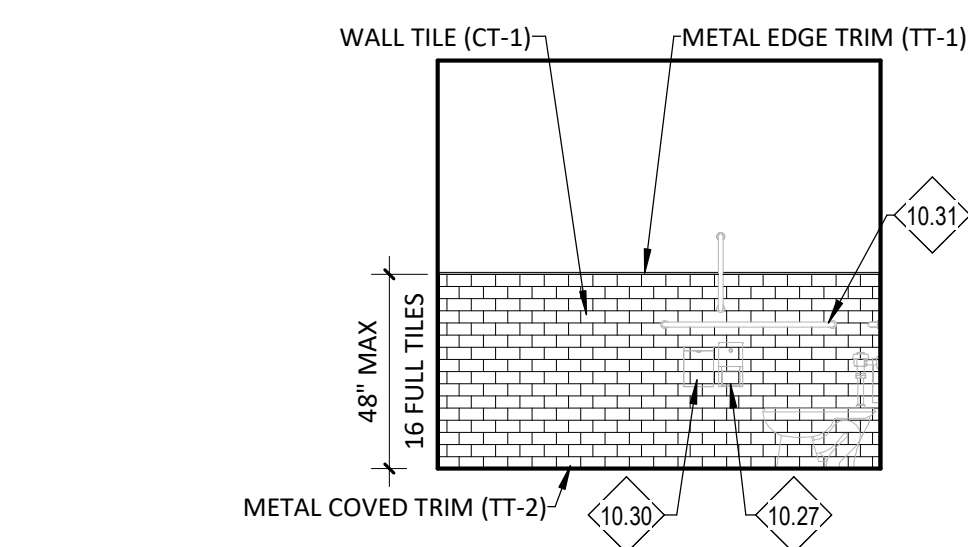
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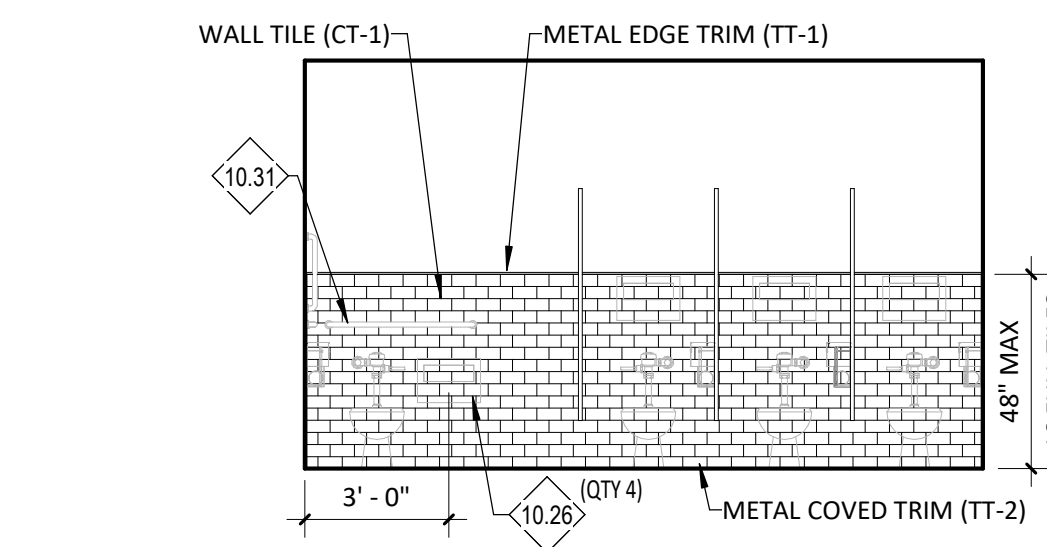
D1 186 RESTROOM - NORTH (SINKS)
A8.51 1/4" = 1'-0"



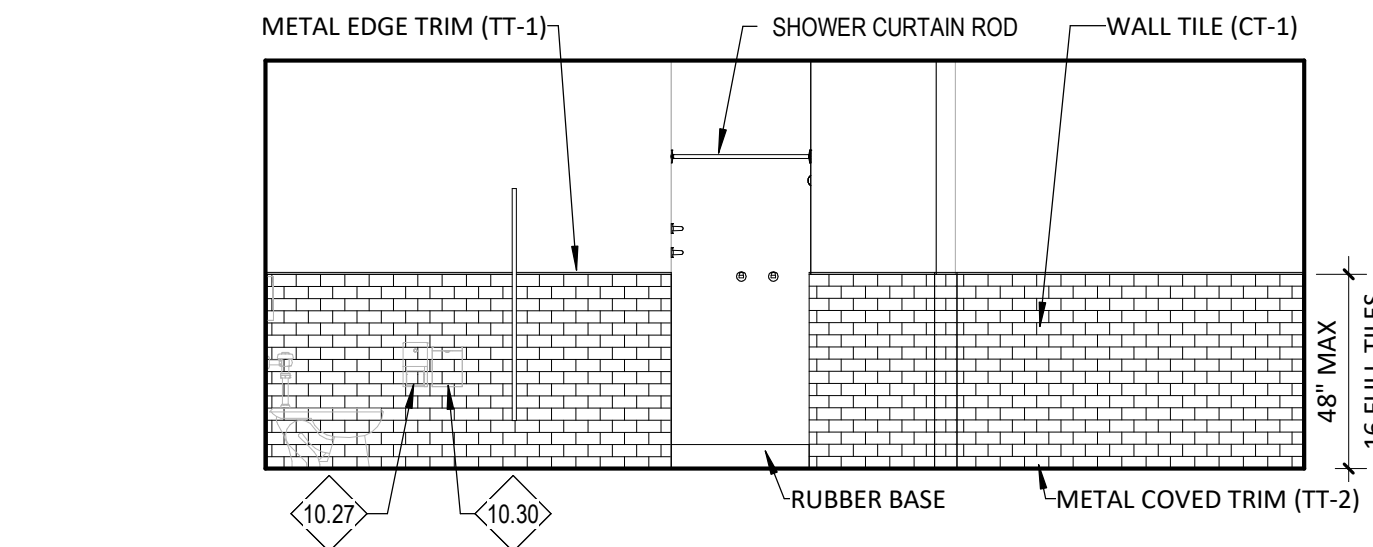
D2 186 RESTROOM - EAST (SINKS)
A8.51 1/4" = 1'-0"



D3 186 RESTROOM - EAST
A8.51 1/4" = 1'-0"

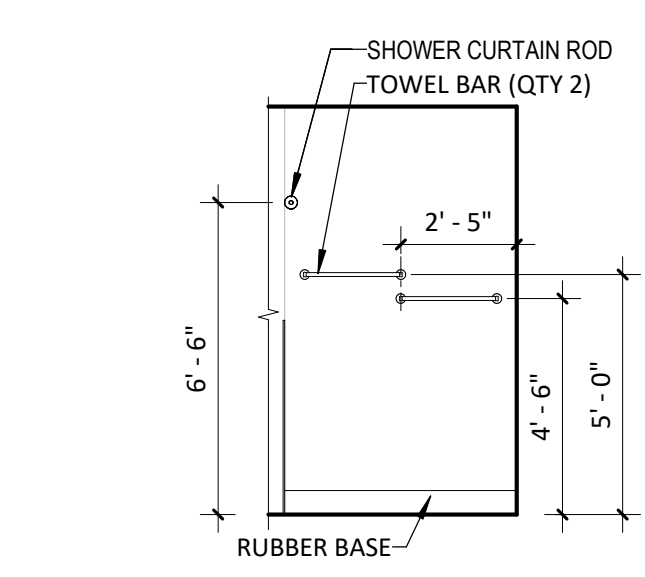


D4 186 RESTROOM - SOUTH
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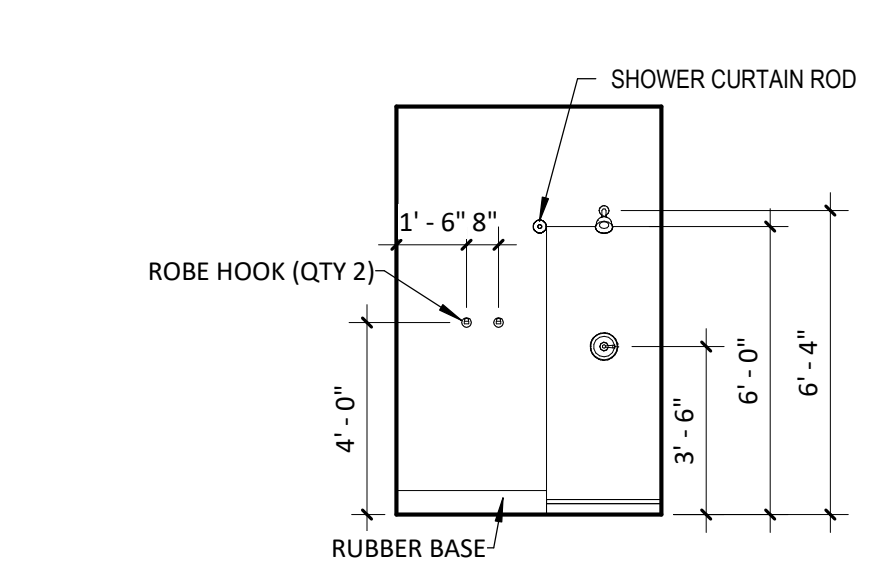


D5 186 RESTROOM - WEST
A8.51 1/4" = 1'-0"

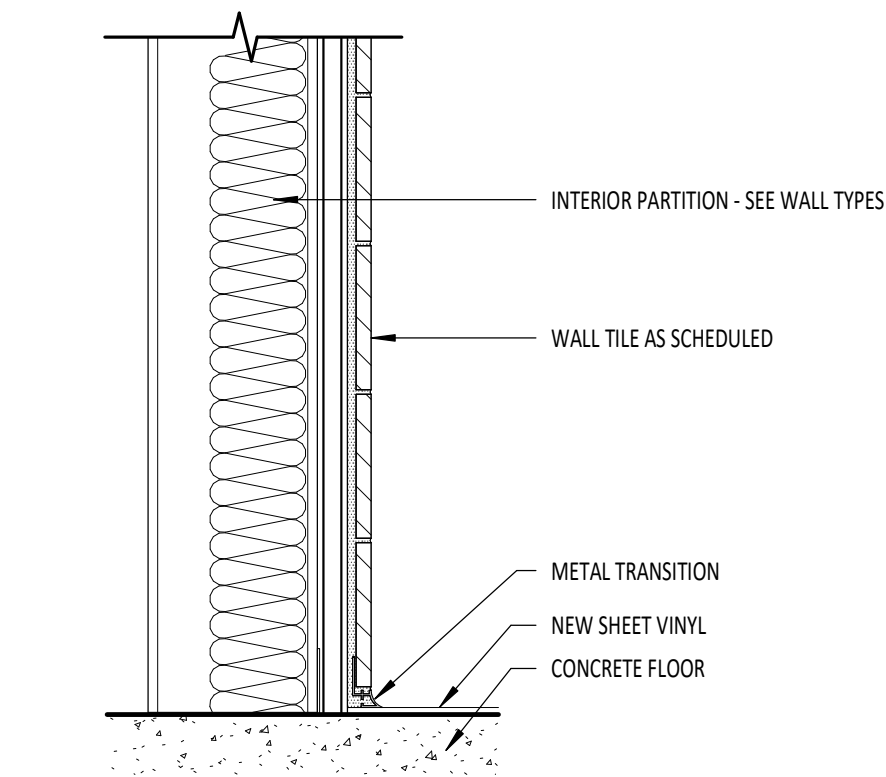
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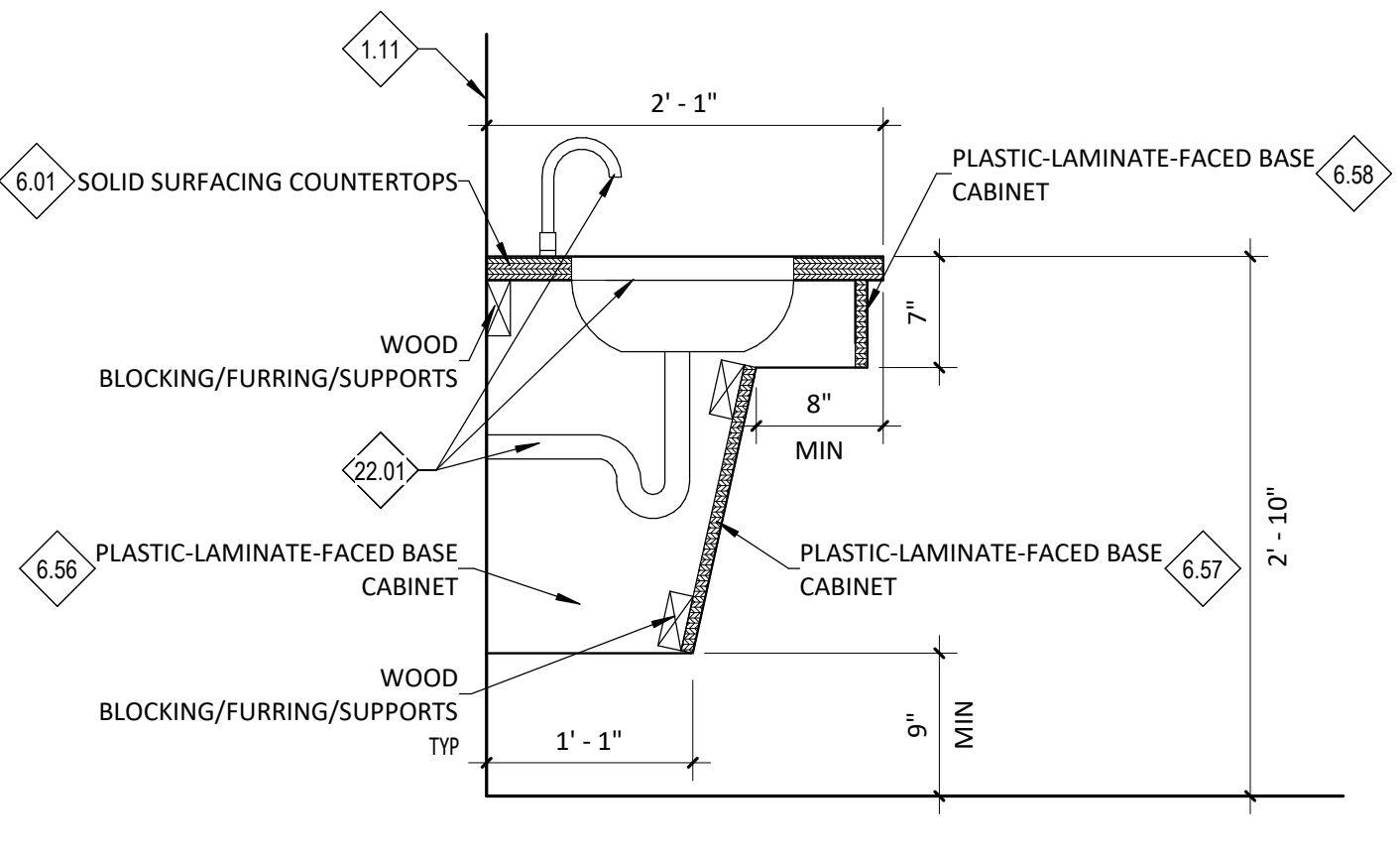
E1 186 RESTROOM - SOUTH (NEW SHOWER)
A8.51 1/4" = 1'-0"



E2 186 RESTROOM - WEST (NEW SHOWER)
A8.51 1/4" = 1'-0"



E3 METAL COVERED TRANSITION @ TILE
A8.51 3" = 1'-0"



E4 ACCESSIBLE SINK BASE CABINET
A8.51 1" = 1'-0"

REFERENCE NOTES

- 1.11 FACE OF WALL COORDINATE WITH FLOOR PLANS.
- 6.01 RE: FINISH SCHEDULE FOR FINISH MATERIAL.
- 6.56 FINISH PANEL BEYOND ON BOTH SIDE OF COUNTERTOP. ONE SIDE TO ABUTT FACE OF WALL AND OTHER SIDE TO BE INSET 1" FROM OUT EDGE OF COUNTERTOP.
- 6.57 3/4" THICK REMOVABLE PANEL.
- 6.58 3/4" THICK PANEL.
- 10.17 REFLECTIVE SURFACE TO BE MOUNTED 40" MAX A.F.F.
- 10.26 RE-INSTALL EXISTING TOILET SEAT COVER DISPENSER
- 10.27 RE-INSTALL EXISTING TOILET PAPER DISPENSER
- 10.29 RE-INSTALL EXISTING BABY CHANGING STATION
- 10.30 RE-INSTALL EXISTING SANITARY NAPKIN DISPOSAL UNIT
- 10.31 RE-INSTALL EXISTING GRAB BARS
- 22.01 COORDINATE WITH PLUMBING DRAWINGS.

GENERAL NOTES

- 1. RE: ROOM FINISH SCHEDULE AND FINISH FLOOR PLANS FOR ADDITIONAL MATERIAL AND FINISH INFORMATION.
- 2. FOR CODE AND FIRE INFORMATION, RE: COVER SHEET.
- 3. RE: FLOOR PLANS AND DOOR SCHEDULE FOR DOOR AND FRAME TYPES.
- 4. COUNTERTOPS TO BE 1-1/4" THICK AND 25" DEEP UNLESS NOTED OTHERWISE.
- 5. AT ALL EXPOSED OUTSIDE COUNTERTOP CORNERS PROVIDE 2" RADIUS.
- 6. AT ALL EXPOSED OUTSIDE COUNTERTOPS, PROVIDE 1" OVERHANG FROM FACE OF CASEWORK.

CASEWORK TAG LEGEND

MODEL NUMBER	INDICATES MODEL NUMBER OF AWS CABINET
M	INDICATES A MODIFIED VERSION OF THE AWS CABINET MODEL REPRESENTED BY THE PRECEDING NUMBER.
MODIFICATION	A DESCRIPTION OF THE MODIFICATION MADE INDICATED BY THE (M) FOLLOWING THE MODEL NUMBER
WIDTH	INDICATES WIDTH OF CABINET, DIMENSIONED FROM OUTSIDE FACE TO OUTSIDE FACE.
DEPTH	INDICATES DEPTH OF CABINET, DIMENSIONED FROM FACE OF WALL TO FACE OF CABINET EXCLUDING CABINET DOOR WHEN DOOR APPLIES
HEIGHT	INDICATES HEIGHT OF CABINET, DIMENSIONED FROM FACE OF FINISHED FLOOR TO TOP OF COUNTERTOP FOR BASE CABINETS AND FROM BOTTOM OF CABINET TO TOP OF CABINET FOR UPPER CABINETS.



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Project:
CDH ARMSTRONG PLACE RENOVATIONS
707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions: Δ

Project No: 22-026
Date: 10/5/2022
Checked By: RS/AF
Drawn By: OH

Sheet Name:

INTERIOR
ELEVATIONS &
DETAILS

Sheet No:
A8.51

PERMIT SET: 10/12/2022

- FOR BIDDING PURPOSES ONLY - CONTRACTOR TO OBTAIN APPROVED DRAWINGS FROM CITY OF BOISE PRIOR TO COMMENCEMENT OF WORK


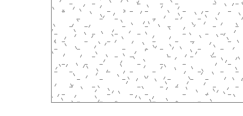
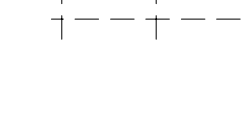



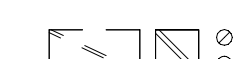

808.1 Acoustical ceiling systems. The quality, design, fabrication and erection of metal suspension systems for acoustical tile and lay-in panel ceilings in buildings or structures shall conform to generally accepted engineering practice, the provisions of this chapter and other applicable requirements of this code.

808.1.1 Materials and installation. Acoustical materials complying with the interior finish requirements of a Section 803 shall be in accordance with the manufacturers recommendations and applicable provisions for applying interior finish.

808.1.1.1 Suspended acoustical ceilings. Suspended acoustical ceiling systems shall be installed in accordance with the provisions of ASTM C 635 and ASTM C 636.

IECC 2018 Section 405 - Provide electrical power and lighting as per C405.2.1 occupant sensor controls and 405.2.1.1 Occupant sensor control function as per IECC 2018 C503.6 Lighting systems. New lighting systems that are part of the alteration shall comply with Section C405. Exception Alterations that replace less than 10 percent of the luminaires in a space, provided that such alterations do not increase the installed interior lighting power.

LEGEND - DEMO CEILINGS

-  EXISTING CEILING SYSTEM TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
-  EXISTING GYPSUM BOARD CEILING TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
-  REMOVE EXISTING ACOUSTICAL CEILING TILE AND ALL ASSOCIATED ITEMS. COORDINATE WITH NEW CONSTRUCTION SCOPE OF WORK. RELOCATE MECHANICAL AND ELECTRICAL ITEMS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
-  REMOVE EXISTING GYPSUM WALL BOARD CEILING AND ALL ASSOCIATED ITEMS. COORDINATE WITH NEW CONSTRUCTION SCOPE OF WORK. RELOCATE MECHANICAL AND ELECTRICAL ITEMS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
-  EXISTING LIGHTING FIXTURES TO REMAIN. COORDINATE WITH ELECTRICAL DRAWINGS.
-  EXISTING MECHANICAL FIXTURES TO REMAIN. COORDINATE WITH MECHANICAL DRAWINGS.
-  REMOVE EXISTING LIGHTING FIXTURES. COORDINATE WITH ELECTRICAL DRAWINGS.
-  REMOVE EXISTING MECHANICAL FIXTURES. COORDINATE WITH MECHANICAL DRAWINGS.

GENERAL NOTES - DEMO CEILINGS

1. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO THE FACE OF STUDS FOR GWB WALLS/PARTITIONS.
2. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE OF FINISHED MASONRY FOR CMU.
3. SCREENED LINES REPRESENT EXISTING WALLS, DOORS, WINDOWS, ETC TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
4. FOR DIMENSIONAL EXTENTS OF EXISTING WALL DEMOLITION, CUTTING AND PATCHING, SEE NEW FLOOR PLANS.
5. PROTECT FROM DAMAGE ALL EXISTING TO REMAIN CASEWORK, EQUIPMENT, FLOOR FINISHES AND CEILING FINISHES DURING CONSTRUCTION.
6. PROTECT FROM DAMAGE DURING DEMOLITION, MOVING AND CONSTRUCTION ALL EXISTING CASEWORK, EQUIPMENT, FURNITURE AND ARTWORK THAT IS TO BE RE-USED.
7. SEE MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
8. COORDINATE THE DEMOLITION OF EXISTING CEILING WITH NEW PLANS, REFLECTED CEILING PLANS AND ROOM FINISH SCHEDULE.
9. VERIFY ALL AS-BUILT CONDITIONS PRIOR TO DEMOLITION.
10. COORDINATE REMOVAL OF EXISTING SYSTEMS, PATCH, AND REPAIR WITH NEW CONSTRUCTION SCOPE OF WORK.
11. RELOCATE MECHANICAL AND ELECTRICAL SYSTEMS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
12. BOTTOM OF ROOF TRUSSES IS A RATED ASSEMBLY. WHERE IMPACTING EXISTING RATED ASSEMBLY, PATCH, AND REPAIR TO PRESERVE RATINGS.

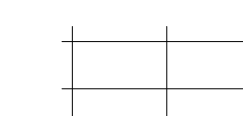
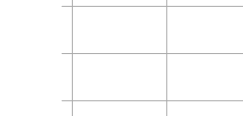
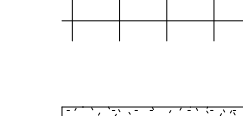


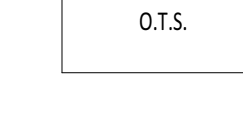
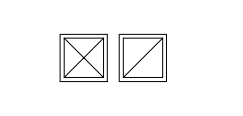




REFERENCE NOTES

2.45 EXISTING CEILING TO REMAIN, LIGHTING FIXTURES TO BE DEMOLISHED REFER TO ELECTRICAL DRAWINGS.

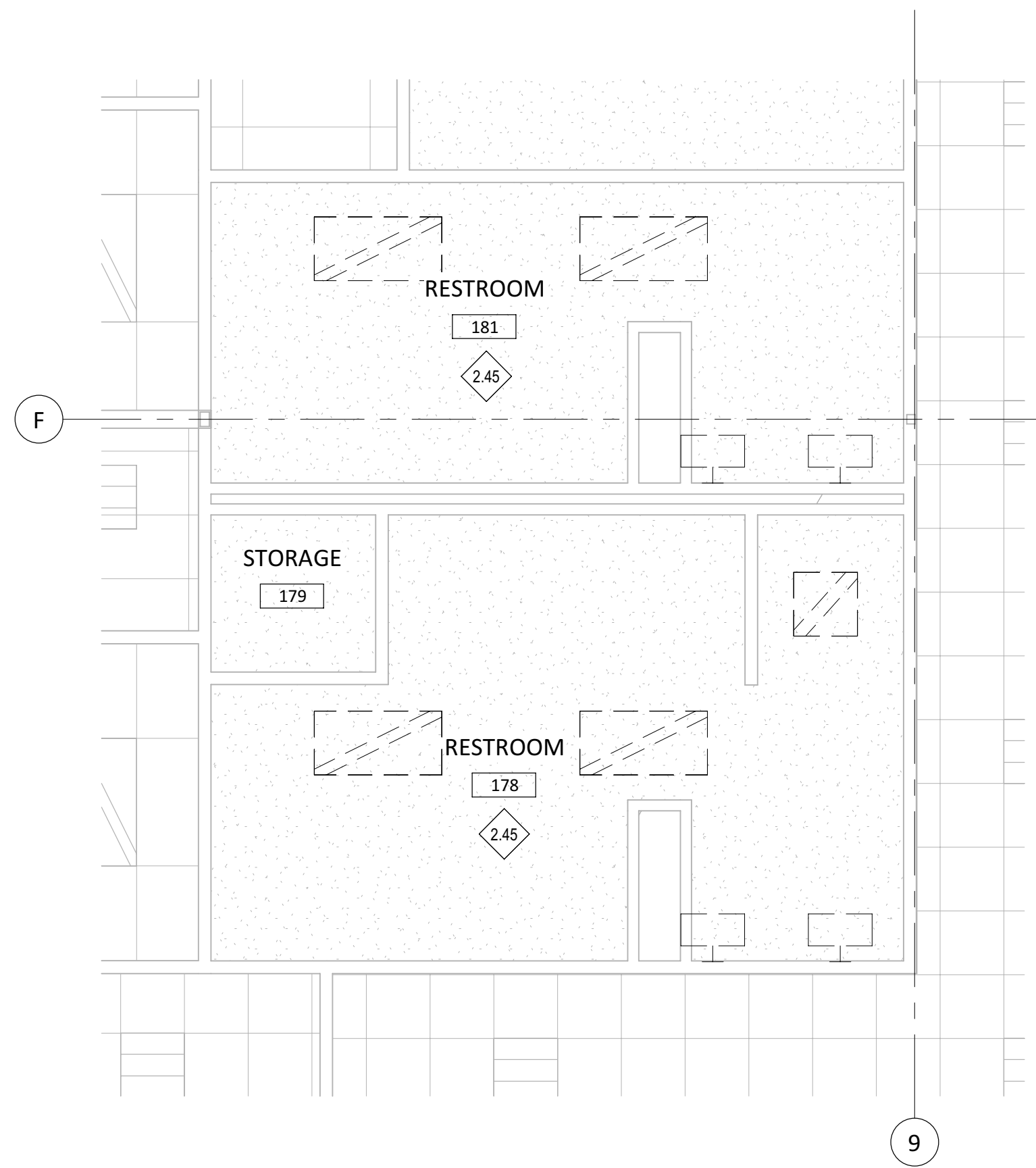
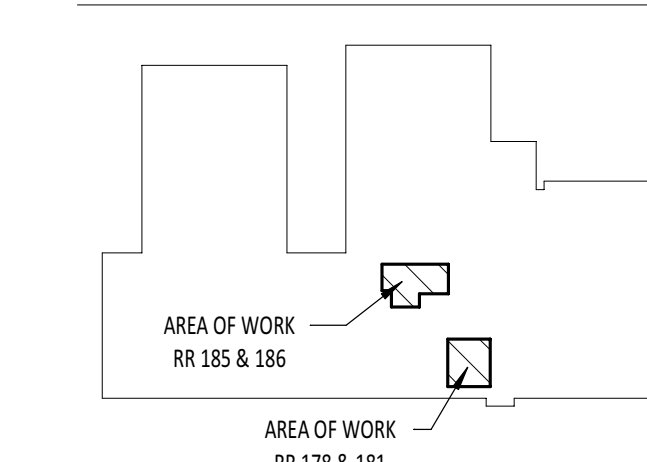
GENERAL NOTES - CEILINGS

1. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS TO BE PROVIDED AT THE CEILING PLANE AND IN THE WORK.
2. CENTER ALL LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL.
3. INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER PROVISIONS OF ASTM C 635 AND ASTM C 636.
4. ALL SOFFIT DIMENSIONS SHOWN ARE TO FACE OF FINISH.
5. COORDINATE WITH MECHANICAL & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR PHYSICAL SIZES OF ALL CEILING GRILLES, DIFFUSERS, FIXTURES, CANS, AND ALL RELATED ITEMS.
6. SUSPENSION SYSTEMS FOR GYPSUM BOARD CEILINGS SHALL BE INSTALLED PER THE SPECIFICATIONS AND ASTM C754.

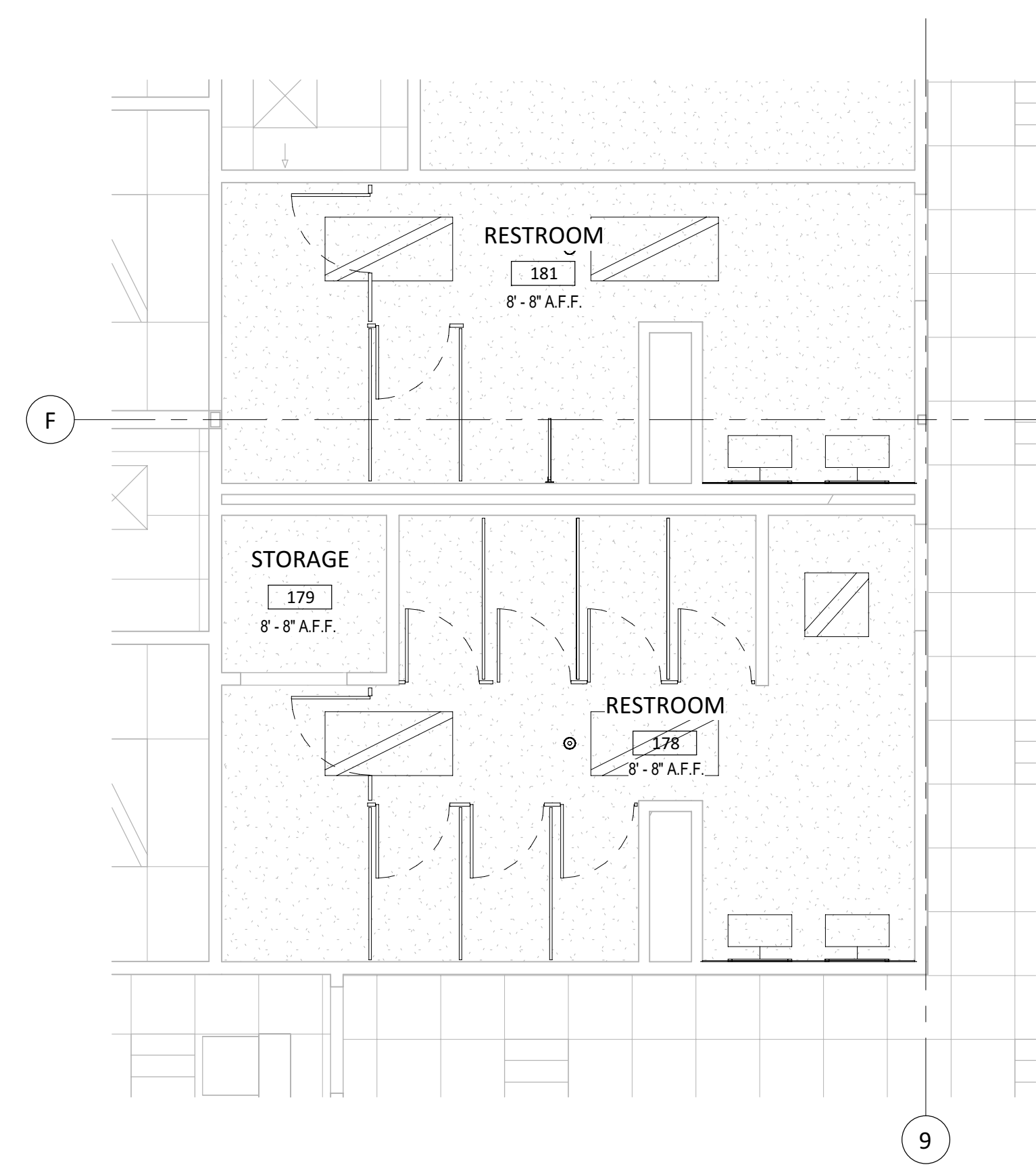
LEGEND - CEILINGS

-  2' x 4' ACOUSTICAL CEILING METAL SUSPENSION SYSTEM WITH ACOUSTICAL PANEL CEILING UNITS. RE: SPECIFICATION SECTION 095100-ACOUSTICAL CEILINGS.
-  EXISTING TO REMAIN 2' x 4' ACOUSTICAL CEILING.
-  2' x 2' ACOUSTICAL CEILING METAL SUSPENSION SYSTEM WITH ACOUSTICAL PANEL CEILING UNITS. RE: SPECIFICATION SECTION 095100-ACOUSTICAL CEILING.
-  GYPSUM BOARD CEILING ON STEEL FRAMING AND SUPPORT SYSTEM. RE: INTERIOR FINISH DRAWINGS AND SPECIFICATION SECTION 092116 GYPSUM BOARD ASSEMBLIES.
-  EXISTING TO REMAIN GYPSUM BOARD CEILING
-  PLASTIC LAMINATE CEILING.
-  O.T.S. OPEN TO STRUCTURE
-  LIGHTING FIXTURES, COORDINATE WITH ELECTRICAL DRAWINGS.
-  MECHANICAL FIXTURES, COORDINATE WITH MECHANICAL DRAWINGS.
-  CEILING HEIGHT ABOVE FINISH FLOOR
-  EXIT SIGNS, COORDINATE WITH ELECTRICAL DRAWINGS

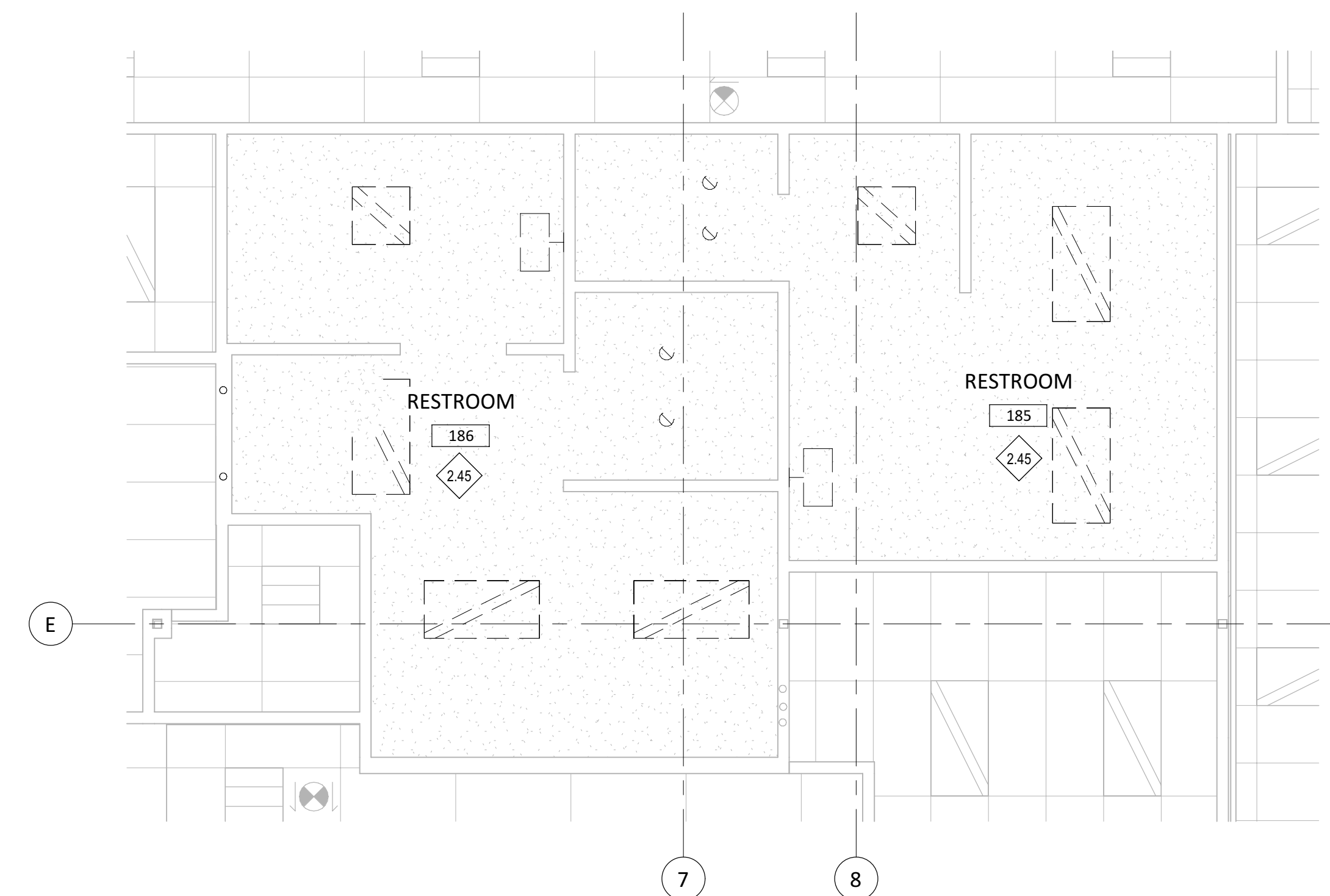
KEY PLAN



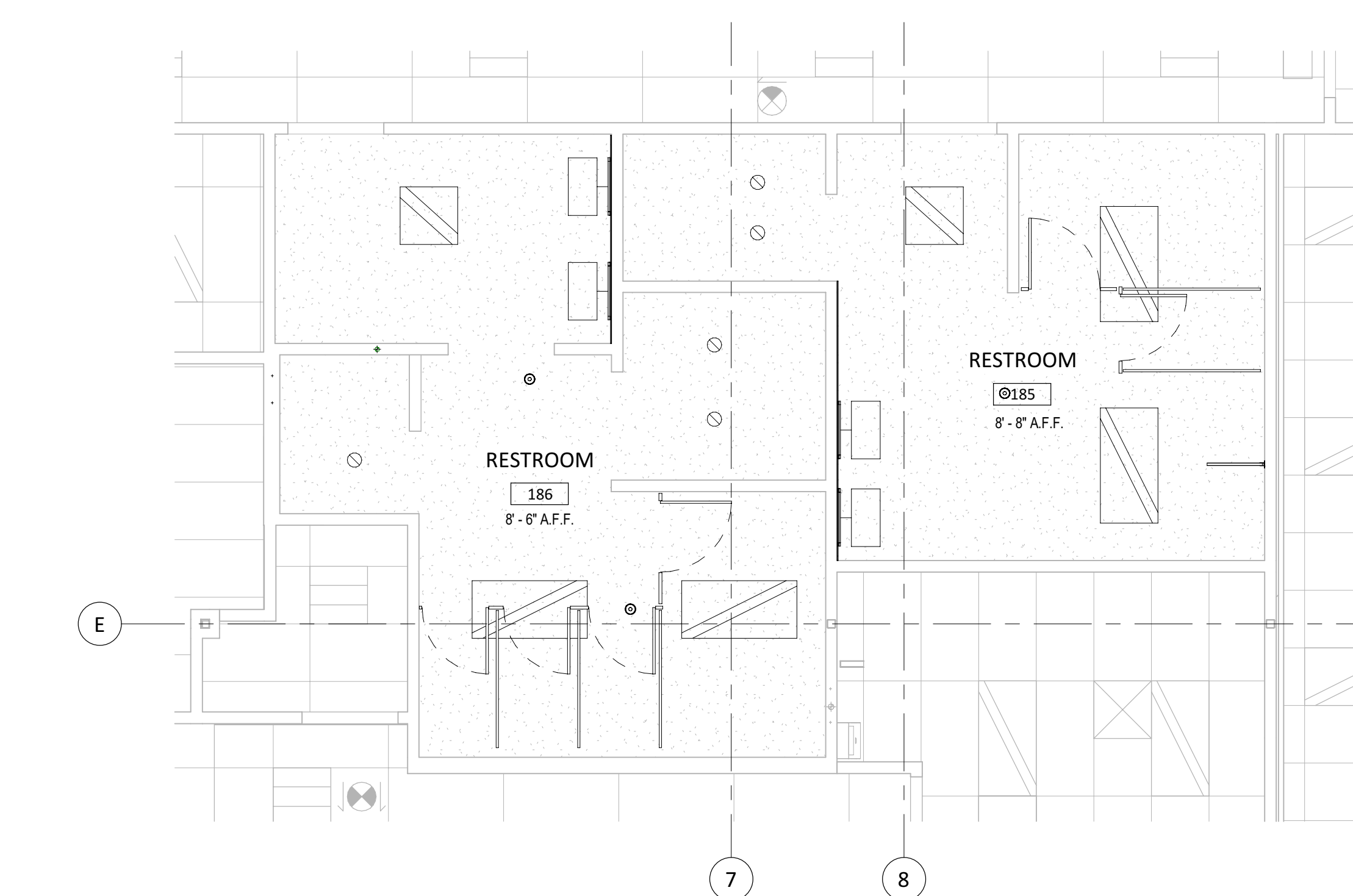
D1 LEVEL 1-ENLARGED DEMO CEILING PLAN RESTROOM 178 & 181
1/4" = 1'-0"



D4 LEVEL 1-ENLARGED CEILING PLAN RESTROOM 178 & 181
1/4" = 1'-0"



E1 LEVEL 1-ENLARGED DEMO CEILING PLAN RESTROOM 185 & 186
1/4" = 1'-0"

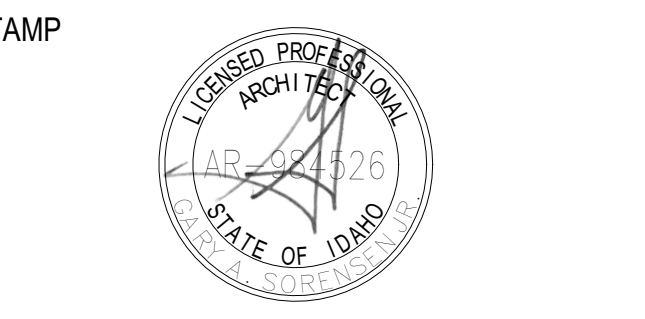


E4 LEVEL 1-ENLARGED CEILING PLAN RESTROOM 185 & 186
1/4" = 1'-0"


- FOR BIDDING PURPOSES ONLY - CONTRACTOR TO OBTAIN APPROVED DRAWINGS FROM CITY OF BOISE PRIOR TO COMMENCEMENT OF WORK



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Project: CDH ARMSTRONG PLACE RENOVATIONS
707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions: 

Project No: 22-026
Date: 10/9/2022
Checked By: RS / AF
Drawn By: OH

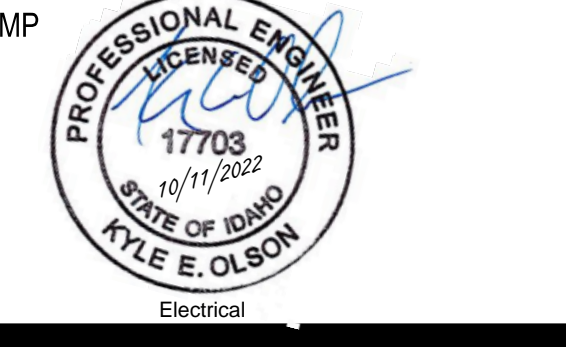
PERMIT SET: 10/12/2022

LEVEL-ENLARGED CEILING PLAN - RESTROOMS

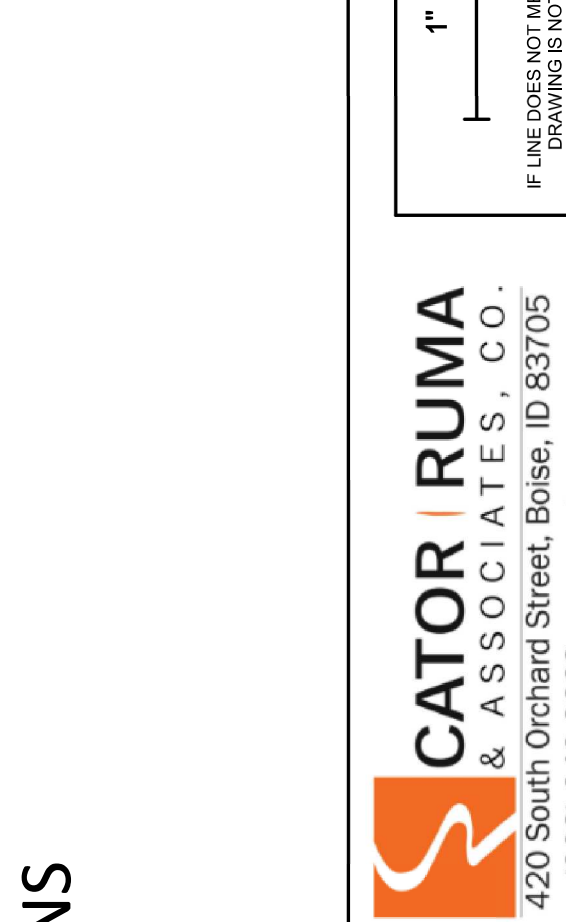
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1" SCALE: ELECTRICAL DRAWINGS ONLY



Project: CDH ARMSTRONG PLACE RENOVATIONS 707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions table with columns for revision number, description, and date.

ELECTRICAL LEGENDS, SCHEDULES & NOTES

Project No: 22-026 Date: 10/12/2022 Checked By: KO Drawn By: KO Sheet Name:

Sheet No: E0.01

GENERAL NOTES:

- 1. FOR REMODELING, WORK INCLUDED IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
2. PROTECT STRUCTURE AND OWNER EQUIPMENT FROM DAMAGE...

DEMOLITION NOTES:

- 1. UNLESS NOTED OTHERWISE, BOLD ITEMS INDICATE EQUIPMENT, DEVICES, ETC. TO BE REMOVED...
2. DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM TO BE DEMOLISHED...

FIRE ALARM PLAN NOTES:

- 1. FIRE ALARM EQUIPMENT AND DEVICES SHOWN ON THESE DRAWINGS INDICATE THE INTENT, PERFORMANCE, AND SCOPE OF THE SYSTEM...
2. LOCATE SMOKE DETECTORS PER NFPA 72 AND MANUFACTURERS REQUIREMENTS...

LIGHTING PLAN NOTES:

- 1. REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS OF DEVICES AND LUMINAIRES.
2. COORDINATE LUMINAIRE LOCATIONS WITH MECHANICAL PIPING, DUCTWORK, ETC. TO AVOID CONFLICTS...

REFERENCE SYMBOLS LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

ABBREVIATIONS LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

ONE-LINE DIAGRAM LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

POWER LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

LIGHTING LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

CONTROLS LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

FIRE ALARM SYSTEM LEGEND table with columns for SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION.

LUMINAIRE SCHEDULE

COMMON NOTES:
A. CATALOG NUMBER REFERS TO FIRST NAME LISTED UNDER MANUFACTURER PER LUMINAIRE TYPE...
SPECIFIC REMARKS:
1. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT AND PROVIDE APPROPRIATE SUSPENSION LENGTH.

Luminaire Schedule table with columns for TYPE, DESCRIPTION, COLOR, LUMENS, TYPE, DIM LEVEL, VOLTAGE, APPARENT LOAD, MANUFACTURER, CATALOG SERIES, FINISH, MOUNTING, REMARKS.

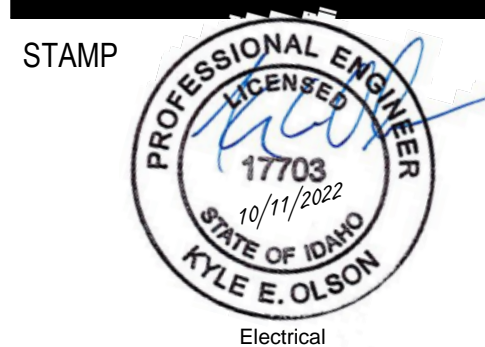
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Project:
CDH ARMSTRONG PLACE RENOVATIONS

707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions: Δ

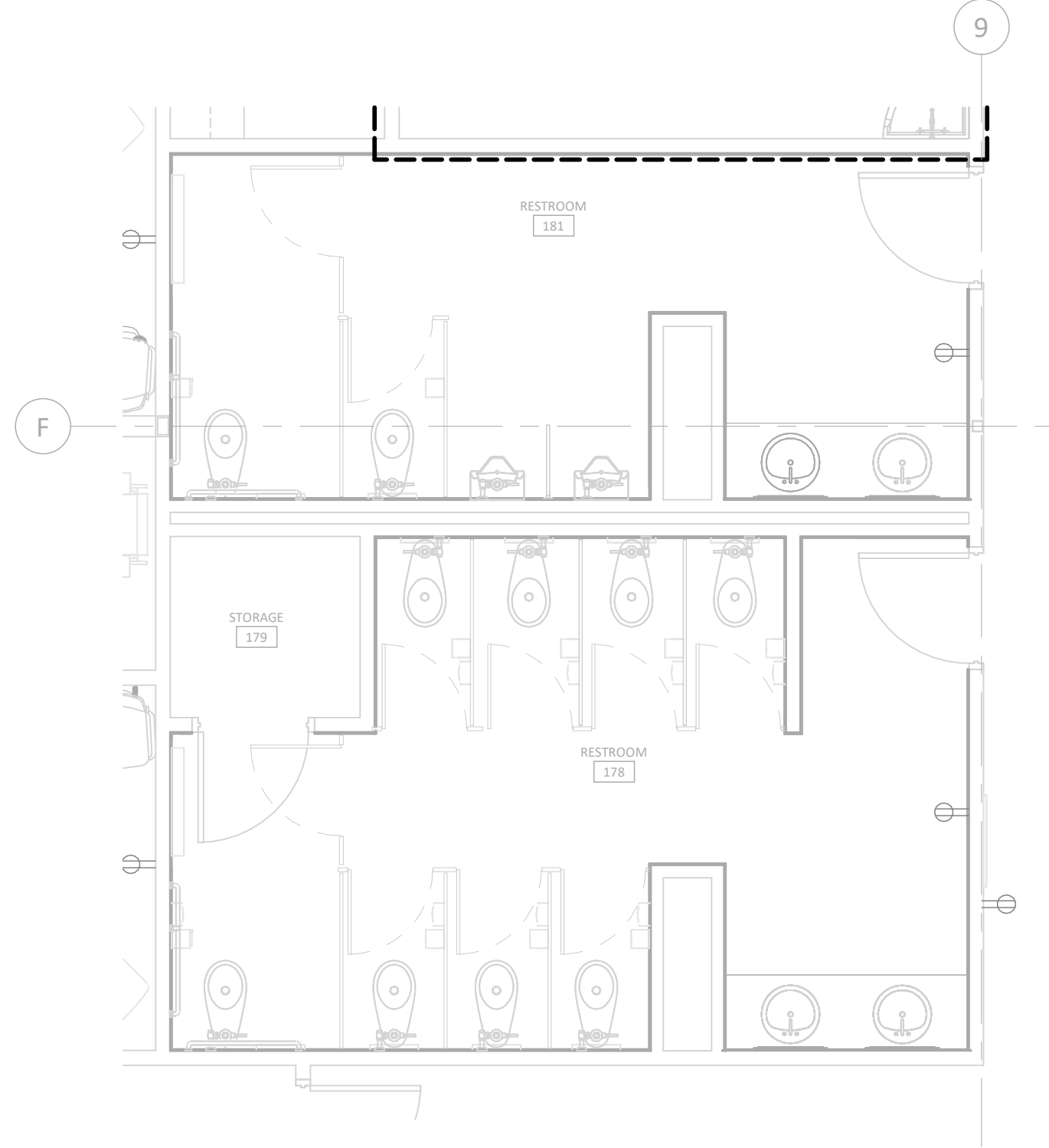
Project No: 22-026
Date: 10/12/2022
Checked By: KO
Drawn By: KO

Sheet Name:
LEVEL 1 - ELECTRICAL PLANS

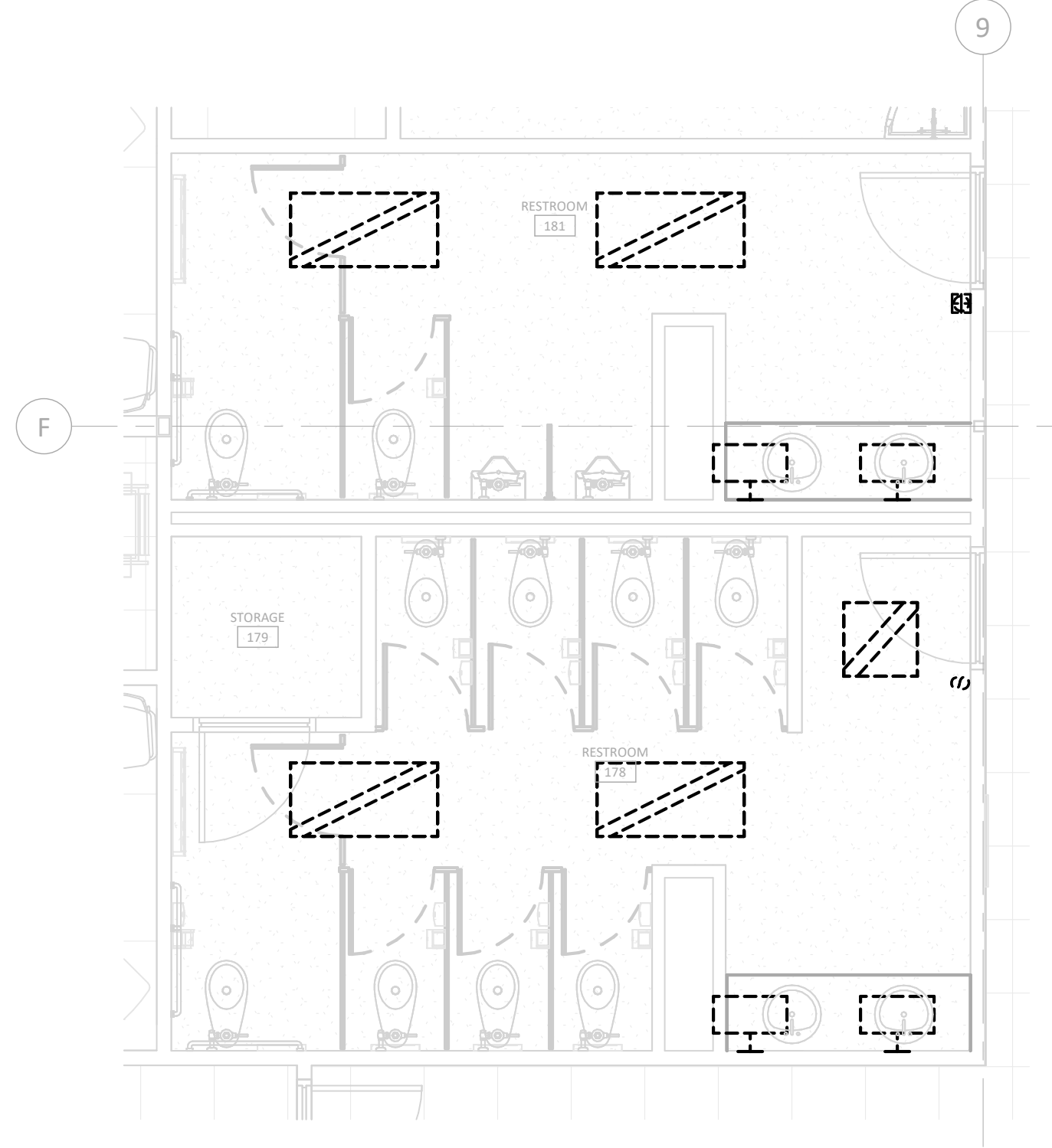
Sheet No:
E2.01

- FOR BIDDING PURPOSES ONLY - CONTRACTOR TO OBTAIN APPROVED DRAWINGS FROM CITY OF BOISE PRIOR TO COMMENCEMENT OF WORK

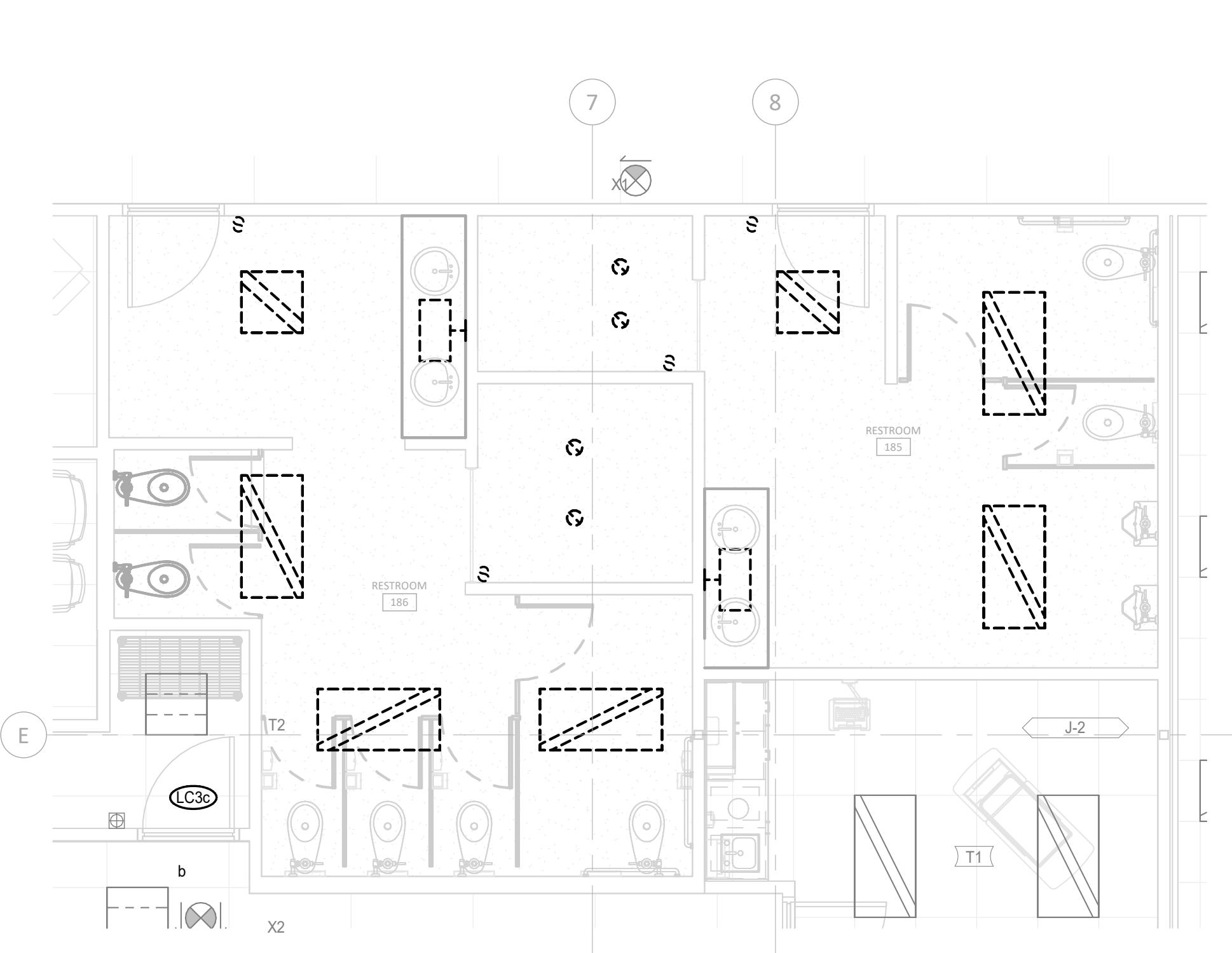
PERMIT SET: 10/12/2022



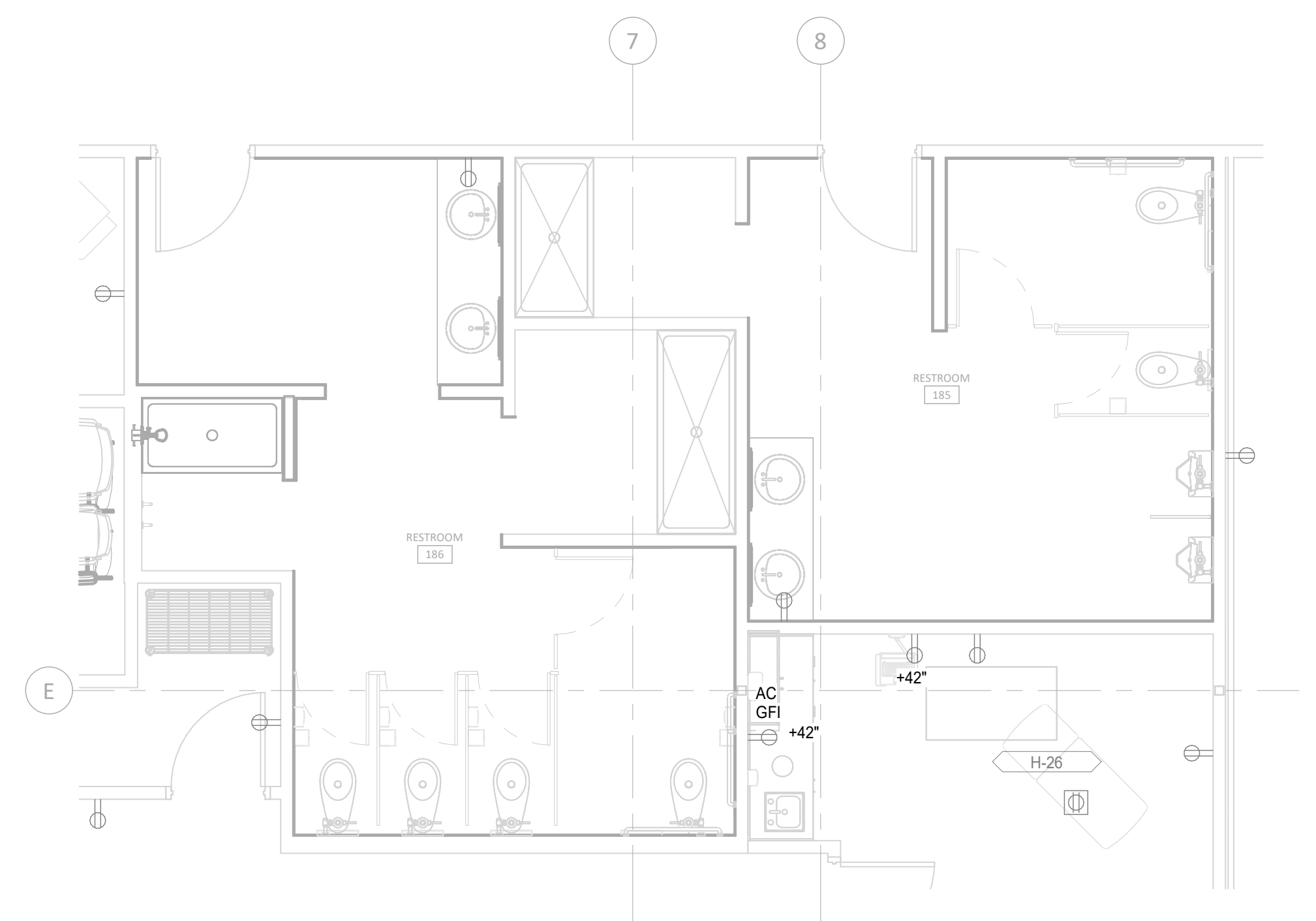
LEVEL 1 POWER PLAN - RR 178 & 181
SCALE: 1/4" = 1'-0"



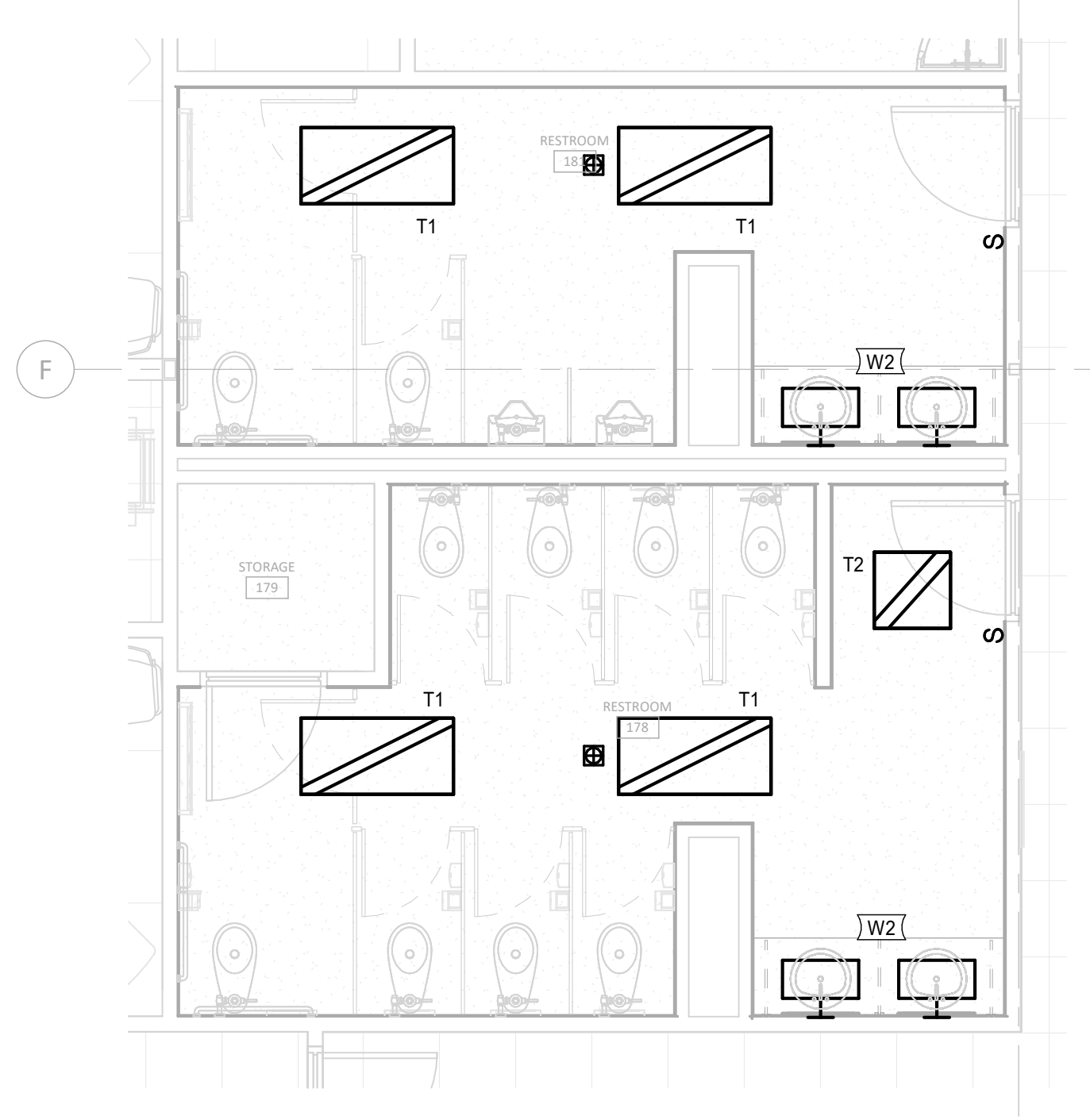
LEVEL 1 LIGHTING DEMO PLAN - RR 178 & 181
SCALE: 1/4" = 1'-0"



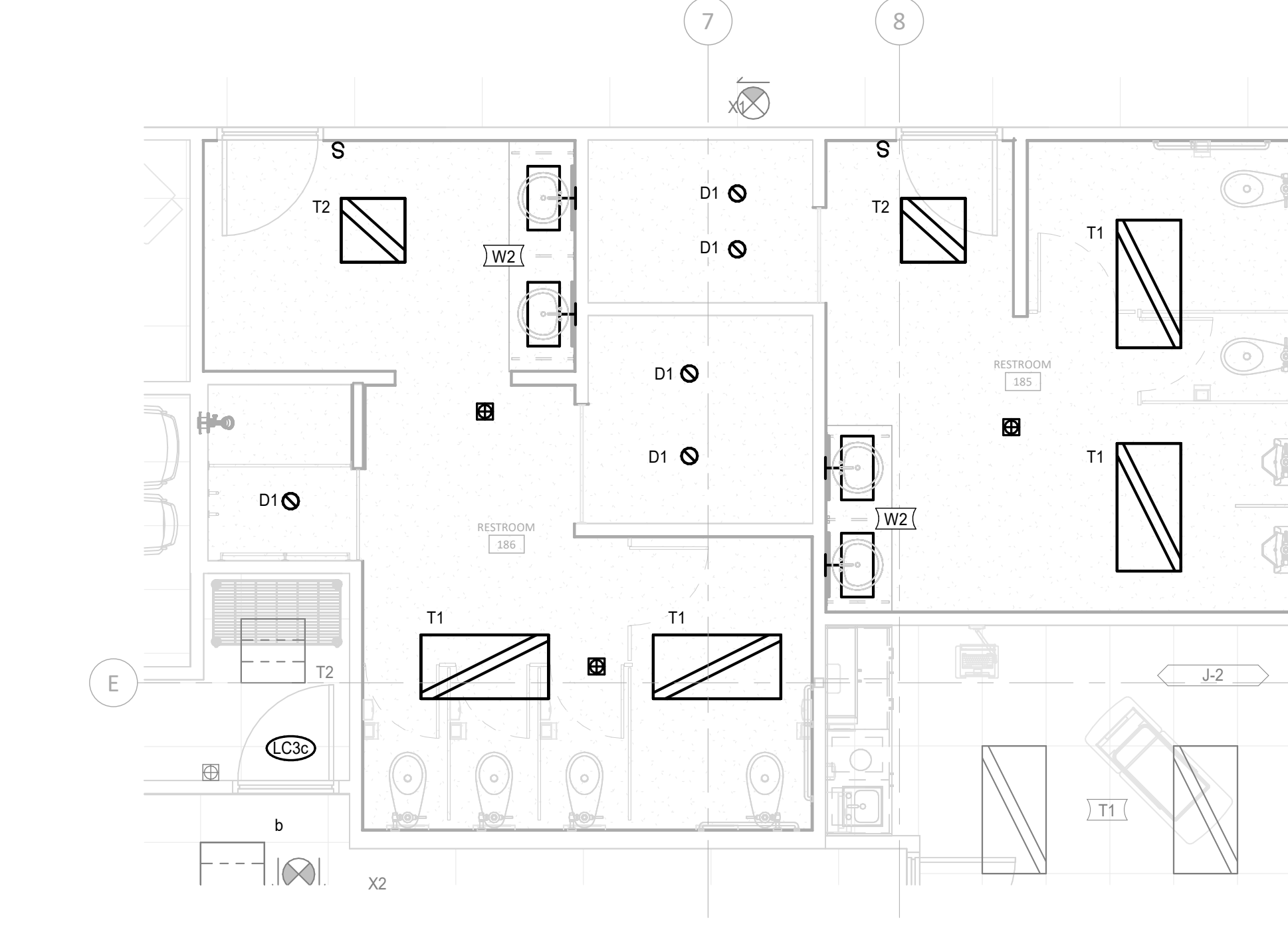
LEVEL 1 LIGHTING DEMOLITION PLAN - RR 185 & 186
SCALE: 1/4" = 1'-0"



LEVEL 1 POWER PLAN - RR 185 & 186
SCALE: 1/4" = 1'-0"

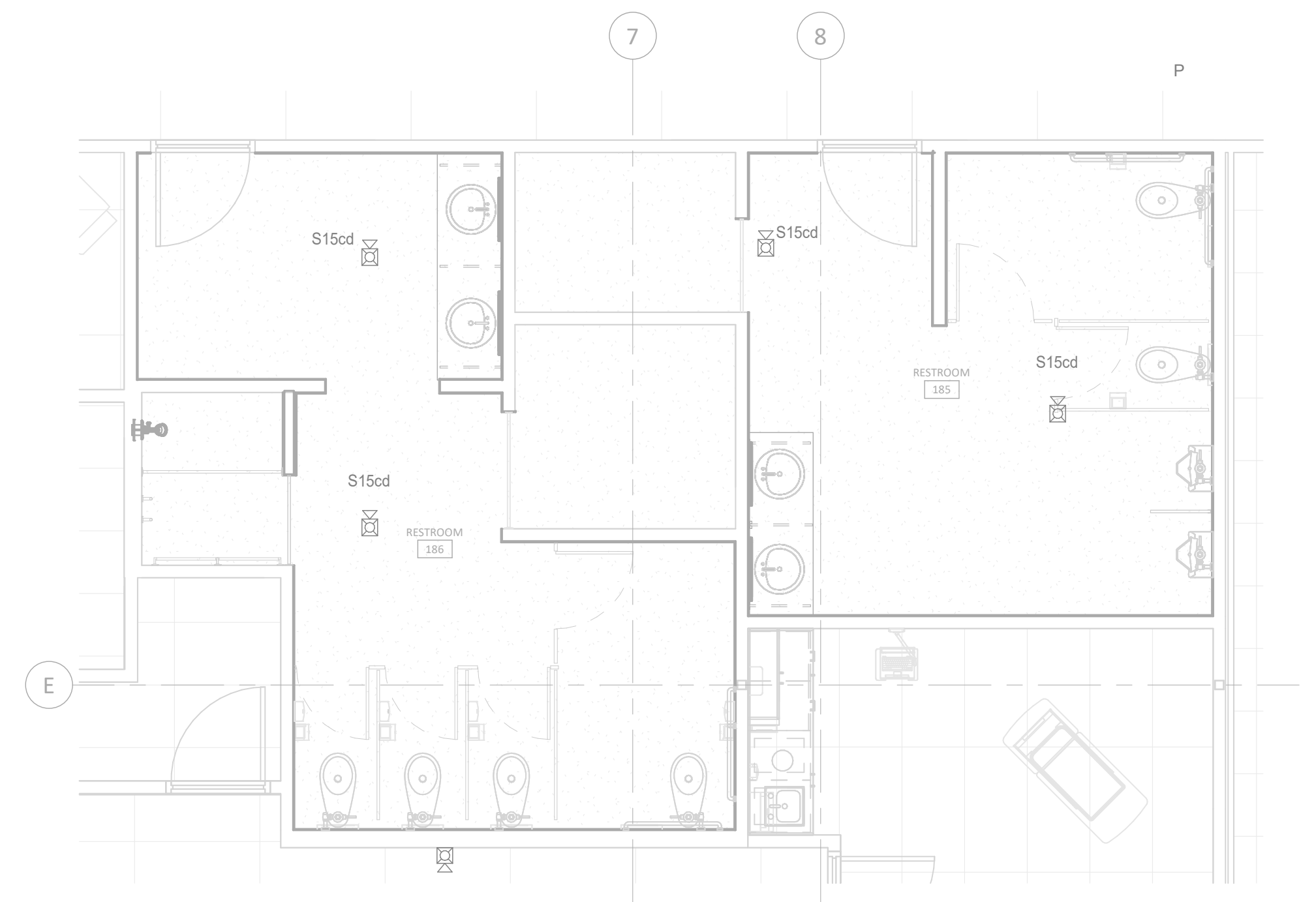


LEVEL 1 LIGHTING PLAN - RR 178 & 181
SCALE: 1/4" = 1'-0"

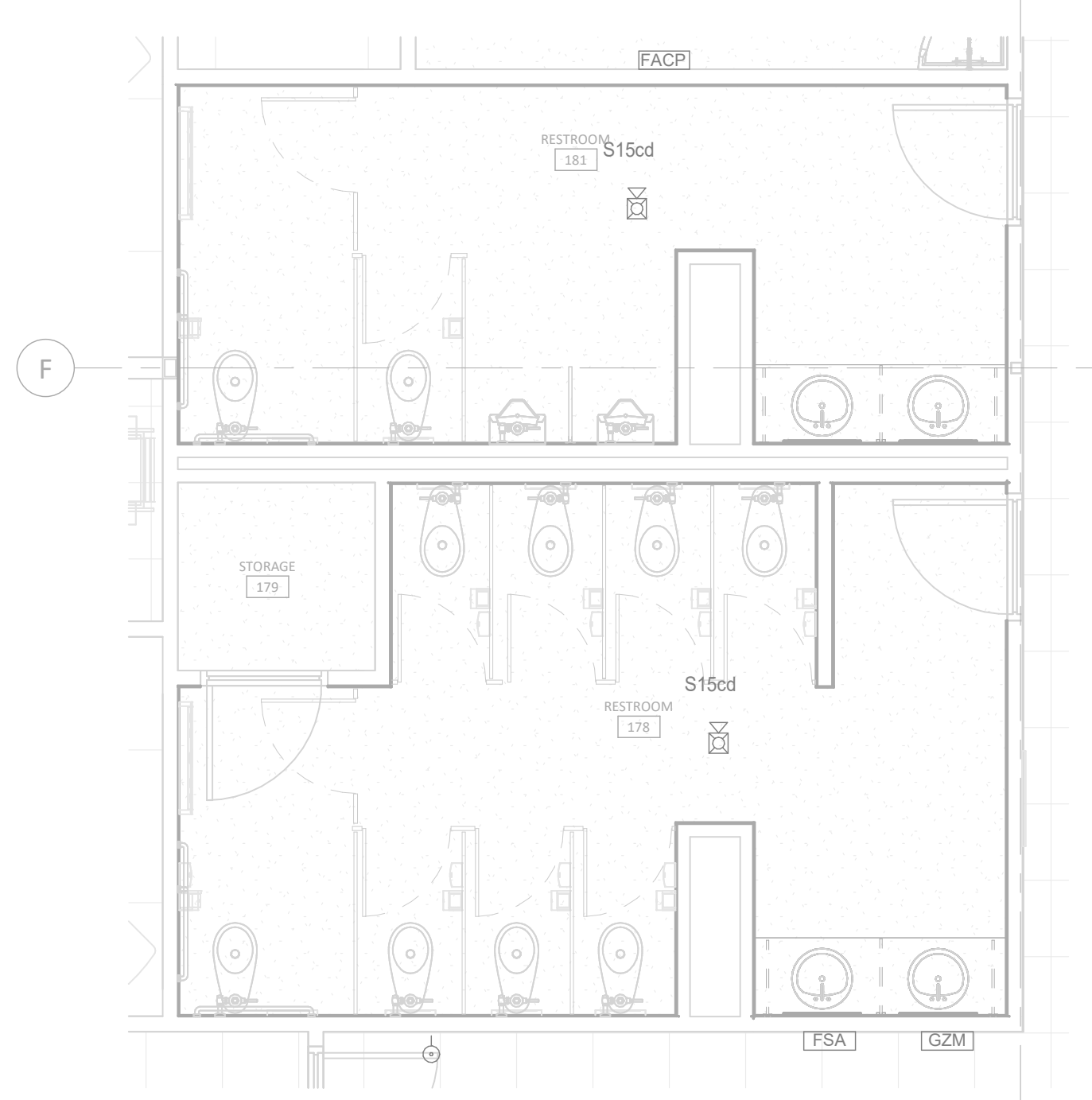


LEVEL 1 LIGHTING PLAN - RR 185 & 186
SCALE: 1/4" = 1'-0"

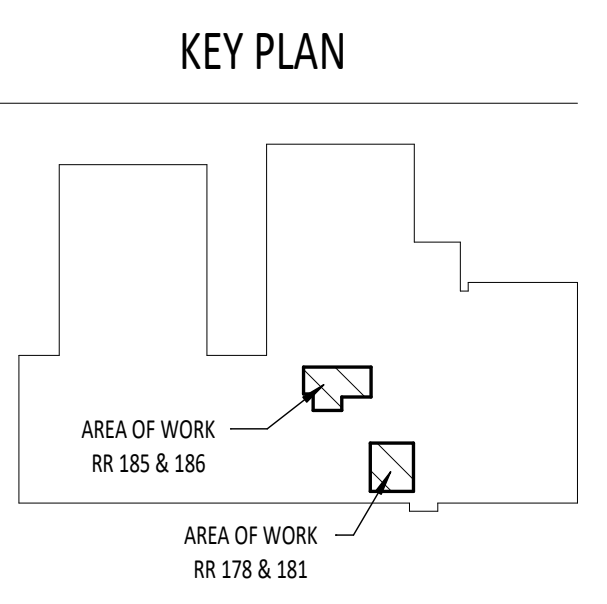
KEYNOTES



LEVEL 1 FIRE ALARM PLAN - RR 185 & 186
SCALE: 1/4" = 1'-0"



LEVEL 1 FIRE ALARM PLAN - RR 178 & 181
SCALE: 1/4" = 1'-0"



GENERAL LEGEND (Not all symbols listed below are used on these drawings)			
ABBR.	SYMBOL	DESCRIPTION	DESCRIPTION
		SECTION DESIGNATION	
		SECTION CUT ON THIS SHEET	
		VIEW REFERENCE DESIGNATION	
		VIEW REFERENCE ON THIS SHEET	
		EQUIPMENT UNIT IDENTIFICATION	
		EQUIPMENT UNIT NUMBER (UNIT SERVED - FLOOR - SEQUENCE #)	
		DIFFUSER IDENTIFICATION	
		DIFFUSER NECK DIAMETER	
		DIFFUSER CFM	
		LINEAR DIFFUSER IDENTIFICATION	
		LINEAR DIFFUSER NECK DIAMETER	
		LINEAR DIFFUSER LENGTH	
		LINEAR DIFFUSER CFM	
		FINNED TUBE RADIATOR IDENTIFICATION	
		FINNED TUBE RADIATOR ACTIVE ELEMENT LENGTH	
		EQUIPMENT UNIT IDENTIFICATION	
		EQUIPMENT UNIT NUMBER	
		RADIATOR ENCLOSURE LENGTH (OR W-W-WALL-TO-WALL)	
		KEY NOTE REFERENCE	
		KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE	
		TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)	
		POINT OF CONNECTION, NEW TO EXISTING	
		POINT OF DISCONNECTION, DEMO	
		DIRECTION OF FLOW IN PIPE	
		DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED	
(E)		EXISTING	
(N)		NEW	
(R)		RELOCATED	
(F)		FUTURE	
DA	Ø	DIAMETER	
WAD		WALL ACCESS DOOR	
NC		NOT IN CONTRACT	
AFF		ABOVE FINISHED FLOOR	
GC		GENERAL CONTRACTOR	
MC		MECHANICAL CONTRACTOR	
EC		ELECTRICAL CONTRACTOR	
UNO		UNLESS NOTED OTHERWISE	
C		COMMON	
NC		NORMALLY CLOSED	
NO		NORMALLY OPEN	

PLUMBING LEGEND (Not all symbols listed below are used on these drawings)					
ABBR.	SYMBOL	DESCRIPTION	ABBR.	SYMBOL	DESCRIPTION
CW		DOMESTIC COLD WATER PIPING	60/50		GRADE CLEANOUT / SURFACE CLEANOUT
HW		DOMESTIC HOT WATER PIPING	FCO		FLOOR CLEANOUT
HWC		DOMESTIC HOT WATER CIRC PIPING	WCO		WALL CLEANOUT
CW-S		SOFTENED DOMESTIC COLD WATER PIPING	CO		LINE CLEANOUT
HW-S		SOFTENED DOMESTIC HOT WATER PIPING	AD		AREA DRAIN
140°F HW		DOMESTIC HOT WATER PIPING @ TEMP SHOWN	FD		FLOOR DRAIN
140°F HWC		DOMESTIC HOT WATER CIRC PIPING @ TEMP SHOWN	FS		FLOOR SINK
TW		TEPID WATER PIPING	RD / OD		ROOF DRAIN OR OVERFLOW DRAIN
TWC		TEPID WATER CIRC PIPING			
ICW		INDUSTRIAL COLD WATER PIPING	VB		ATMOSPHERIC VACUUM BREAKER
IHW		INDUSTRIAL HOT WATER PIPING	BFP		BACKFLOW PREVENTER
IHWC		INDUSTRIAL HOT WATER CIRC PIPING	SA		SHOCK ARRESTOR W/ ISOLATION VALVE
NPCW		NON-POTABLE COLD WATER PIPING	GC		GAS SHUT-OFF VALVE
NPHW		NON-POTABLE HOT WATER PIPING			
NPHWC		NON-POTABLE HOT WATER CIRC PIPING	BV		BALANCING VALVE
V		VENT PIPING	WH		WALL HYDRANT
AV		ACID RESISTANT VENT PIPING	HB		HOSE BIBB
W		WASTE PIPING	RH		ROOF HYDRANT
W		WASTE PIPING BELOW FLOOR	YH		YARD HYDRANT
AW		ACID RESISTANT WASTE PIPING	DSN		DOWNSPOUT NOZZLE
AW		ACID RESISTANT WASTE PIPING BELOW FLOOR	MH		MANHOLE
GW		GREASE WASTE (TO GREASE INTERCEPTOR)	CI		CAST IRON
GW		GREASE WASTE PIPING BELOW FLOOR	CB		CATCH BASIN
SD		STORM DRAIN PIPING	VTR		VENT THRU ROOF
SD		STORM DRAIN PIPING BELOW FLOOR	IE		INVERT ELEVATION
OD		OVERFLOW DRAIN PIPING	PVC		POLYVINYL CHLORIDE
OD		OVERFLOW DRAIN PIPING BELOW FLOOR			
CA		COMPRESSED AIR			
G		NATURAL GAS PIPING			

GENERAL NOTES:

- WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
- A DETAILED METHOD OF PROCEDURE IS REQUIRED WHEN A CONSTRUCTION ACTIVITY AFFECTS THE SAFETY OF THE OCCUPANTS, OWNER'S EQUIPMENT OR VALUABLE CONTENTS OR ANY SYSTEM WHICH SUPPORTS THESE SYSTEMS, OR ESSENTIALLY AFFECTS THE BUILDING MANAGEMENT, OPERATIONS OR SECURITY.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.
- COORDINATE WORK WITH ALL TRADES.
- CONTRACTOR IS RESPONSIBLE FOR SECURING AND WEATHERPROOFING ANY ROOF OPENING NOT COMPLETED DURING WORKING HOURS.
- COORDINATE ALL PIPING WITH EQUIPMENT, STRUCTURE, ETC.
- CONTRACTOR SHALL NOT SHUT DOWN / TAKE OUT OF SERVICE ANY SYSTEMS WITHOUT FIRST COORDINATING WITH OWNER AND PREPARING M.O.P.

PLUMBING NOTES:

- CONTRACTOR SHALL NOT SHUT-OFF/PUT OUT OF SERVICE ANY SYSTEMS/SERVICES WITHOUT FIRST COORDINATING WITH OWNER.
- THIS CONTRACTOR SHALL COORDINATE LOCATIONS OF PIPING WITH OTHER TRADES AND ADVISE ARCHITECT/ENGINEER OF ANY POSSIBLE CONFLICTS. VERIFY EXACT LOCATIONS, ELEVATIONS AND DIMENSIONS OF STRUCTURAL MEMBERS AND OPENINGS.
- SEE SPECIFICATIONS FOR WATER HAMMER ARRESTOR SIZING. ALL FLUSH VALVES AND SOLENOID OPERATED EQUIPMENT SHALL HAVE A WATER HAMMER ARRESTOR.
- SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZING TO INDIVIDUAL PLUMBING FIXTURES.
- ALL EXISTING FIXTURES AND EQUIPMENT TO BE REMOVED SHALL HAVE ALL ASSOCIATED PIPING CONTROLS, HANGERS, SUPPORTS AND ANY MISCELLANEOUS ASSOCIATED SERVICE OR PART REMOVED COMPLETELY.
- ALL MEDICAL GAS PIPING SHALL HAVE TOP TAKE-OFFS WHENEVER POSSIBLE.
- REFER TO ARCHITECTURAL DRAWINGS FOR ROOF PENETRATION DETAILS.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE ELEVATIONS AND LOCATIONS.
- INVERT ELEVATIONS SHOWN ARE BASED ON A GROUND FLOOR FINISH ELEVATION OF 100 FOOT.
- SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR DIMENSIONED LOCATION OF PLUMBING FIXTURES AND WALLS.
- PROVIDE CLEANOUTS IN ACCESSIBLE LOCATIONS PER THE PROJECT SPECIFICATIONS AND LOCAL PLUMBING CODES.

FOUNDATION

PLUMBING NOTES:

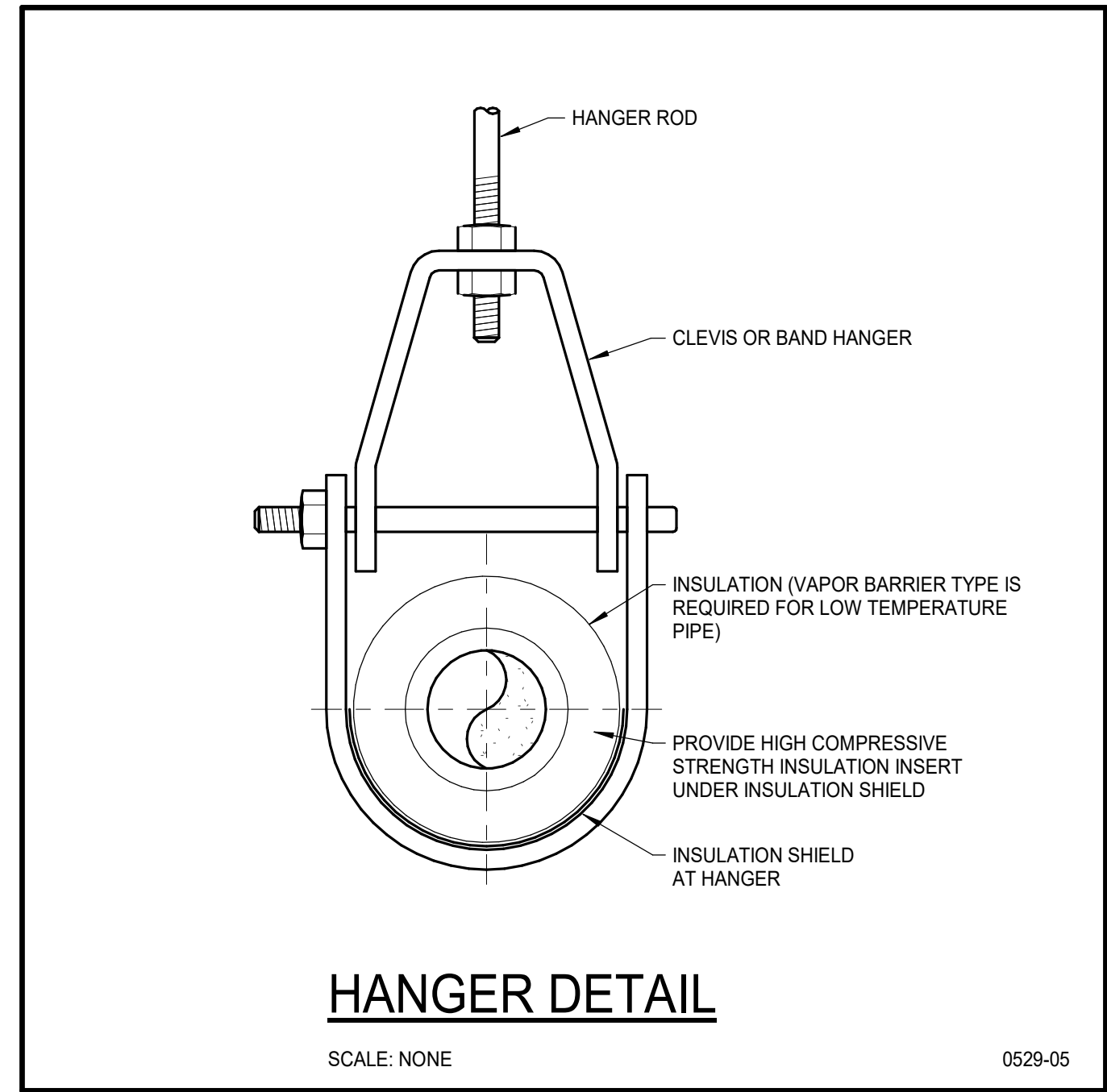
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK.
- COORDINATE WORK WITH ALL TRADES.
- SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR EXACT LOCATION OF PLUMBING FIXTURES AND WALLS.
- PROVIDE A WALL CLEANOUT ON ALL VERTICAL VENT PIPING SERVING BELOW GRADE HORIZONTAL WASTE PIPING.

DEMOLITION GENERAL NOTES:

- EXISTING ITEMS TO REMAIN ARE DENOTED LIGHTLY UNLESS OTHERWISE NOTED. ALL ITEMS SHOWN DASHED & BOLD SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOT SHUT-OFF OR PUT-OUT OF SERVICE ANY SYSTEMS OR SERVICE WITHOUT FIRST COORDINATING WITH THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND UNDERSTAND THE EXTENT OF THE REMODEL WORK REQUIRED PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENT.
- CONTRACTOR SHALL DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENT.
- PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER UNLESS OTHERWISE NOTED AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
- WHERE EXISTING PIPING, WIRING ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, THE WALLS SHALL BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
- WHERE EXISTING PIPING TO BE REMOVED PASSES THROUGH FLOORS, THEY SHALL BE CUT BACK TO WITHIN CONCRETE AND FILLED WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH WITH CONCRETE SURFACE.

PLUMBING FIXTURE SCHEDULE

NOTES:														
1. REFER TO GENERAL SPECIFICATIONS FOR WATER CLOSETS, URINALS, LAVATORIES, SINKS AND MISCELLANEOUS FIXTURE REQUIREMENTS.														
2. GRAB BARS BY ARCHITECT.														
3. THIS SCHEDULE INCLUDES ITEMS THAT MAY NOT BE INCLUDED IN THE DRAWING DOCUMENTS.														
4. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND MOUNTING HEIGHT.														
DESIG.	FIXTURE NAME	FIXTURE DESCRIPTION	MANUFACTURER	MODEL	SIZE	TRIM		ELECTRICAL ACCESSORY REQUIREMENTS I/B/BATTERY/H/P	FLOW	WASTE	VENT	CW	HW	REMARKS
						MANUFACTURER	MODEL							
L-1	LAVATORY (EXISTING)	EXISTING RE-USED LAVATORY WITH NEW FAUCET	N/A	N/A	N/A	DELTA	590FLGHGMHDF	BATTERY	1.5 GPM	1 1/2"	1 1/2"	1/2"	1/2"	RE-USE LAVATORY. PROVIDE LISTED FAUCET AND INSTALL SLOAN MIXING VALVE MIX-054. PROVIDE NEW TRUSBO INSULATION KIT, 17 GA. CHROME PLATED P-TRAP AND CHROME PLATE COPPER SUPPLY TUBES.
SH-1	SHOWER	FIBERGLASS ALOOVE SINGLE PIECE SHOWER / HAND SHOWER SYSTEM WITH PRESSURE BALANCING SHOWER VALVE	AQUABATH	1543CTN-EVERYDAY	54x28	DELTA	142840-L	MANUAL	2.0 GPM	2"	1 1/2"	1/2"	1/2"	SELECT LEFT HAND RIGHT HAND ORIENTATION PER ARCHITECTURAL DRAWINGS. COORDINATE INSTALLATION WITH FRAMING CONTRACTOR.
UR-1	URINAL (EXISTING)	EXISTING RE-USED FLUSH-O-METER URINAL	-	-	N/A	SLOAN	GS-8186	BATTERY	1.0 GPF	2"	1 1/2"	3/4"	-	PROVIDE NEW BATTERY OPERATED HANDS FREE FLUSH VALVE PER SCHEDULE. NEW WASTE OUTLET GASKET. CONFIRM WATER LINE SIZE AND MATCH STOP VALVE.
WC-1	WATER CLOSET	ADA FLOOR MOUNTED FLUSH VALVE WATER CLOSET	AMERICAN STANDARD	3461.001	N/A	SLOAN	GS-8122	BATTERY	1.28 GPF	4"	2"	1"	-	PROVIDE 5901 100 HEAVY DUTY OPEN FRONT SEAT. CONFIRM WATER LINE SIZE AND MATCH FLUSHOMETER STOP VALVE.
WC-2	WATER CLOSET	FLOOR MOUNTED FLUSH VALVE WATER CLOSET	AMERICAN STANDARD	3451.001	N/A	SLOAN	GS-8122	BATTERY	1.28 GPF	4"	2"	1"	-	PROVIDE 5901 100 HEAVY DUTY OPEN FRONT SEAT. CONFIRM WATER LINE SIZE AND MATCH FLUSHOMETER STOP VALVE.



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Project: **CDH ARMSTRONG PLACE RENOVATIONS**
707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions:

Project No: 22-026
Date: 10/12/2022
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Drawn By: NAH
Sheet Name:

PLUMBING LEGENDS & NOTES

PERMIT SET: 10/12/2022

Sheet No: **P0.01**

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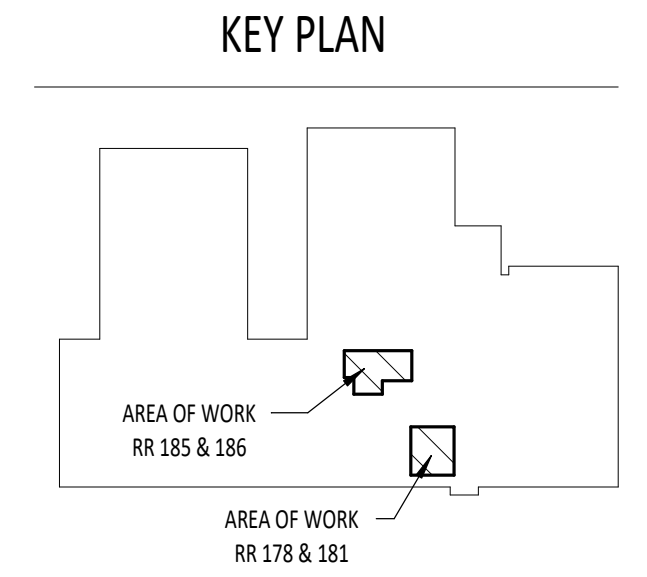
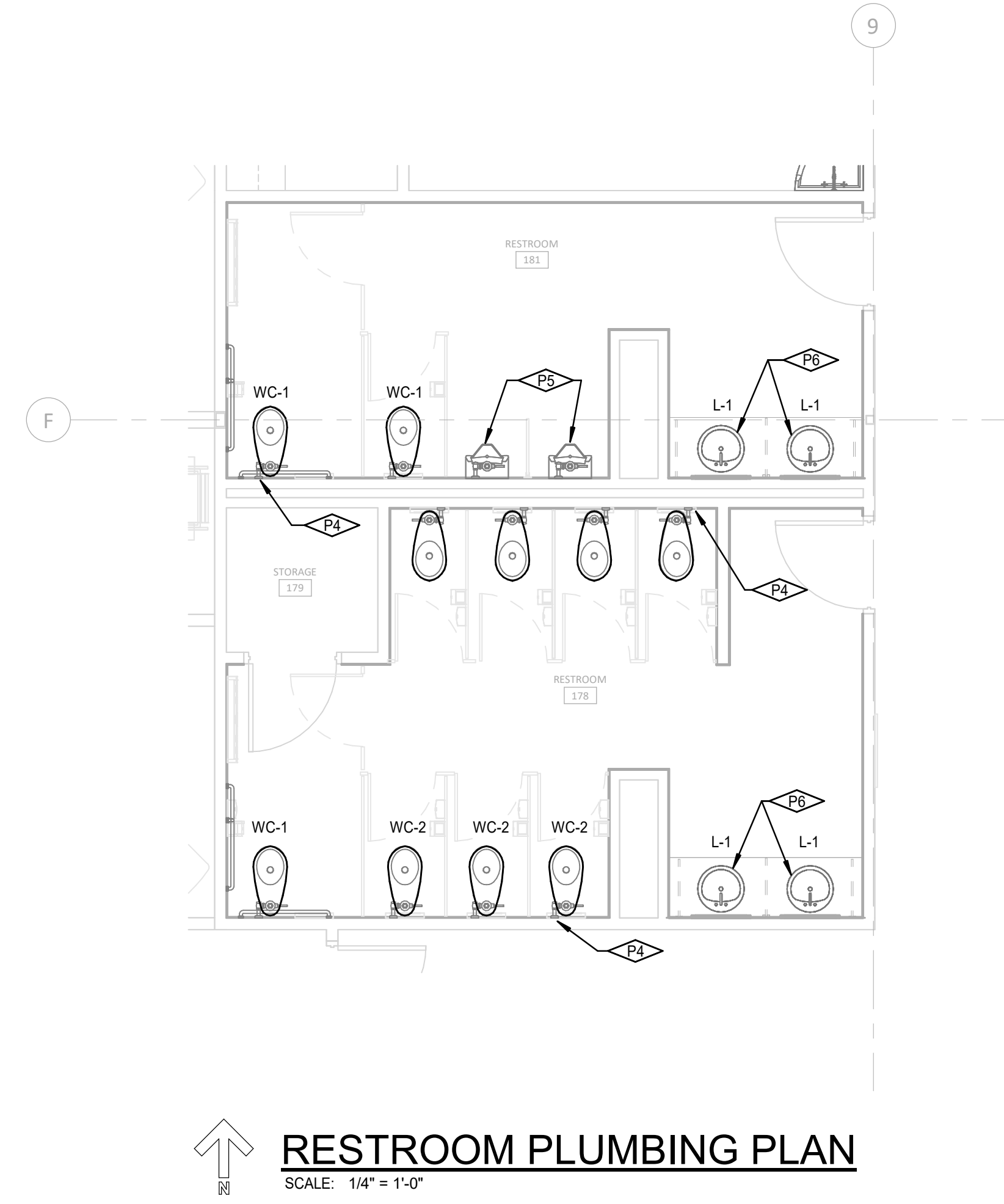
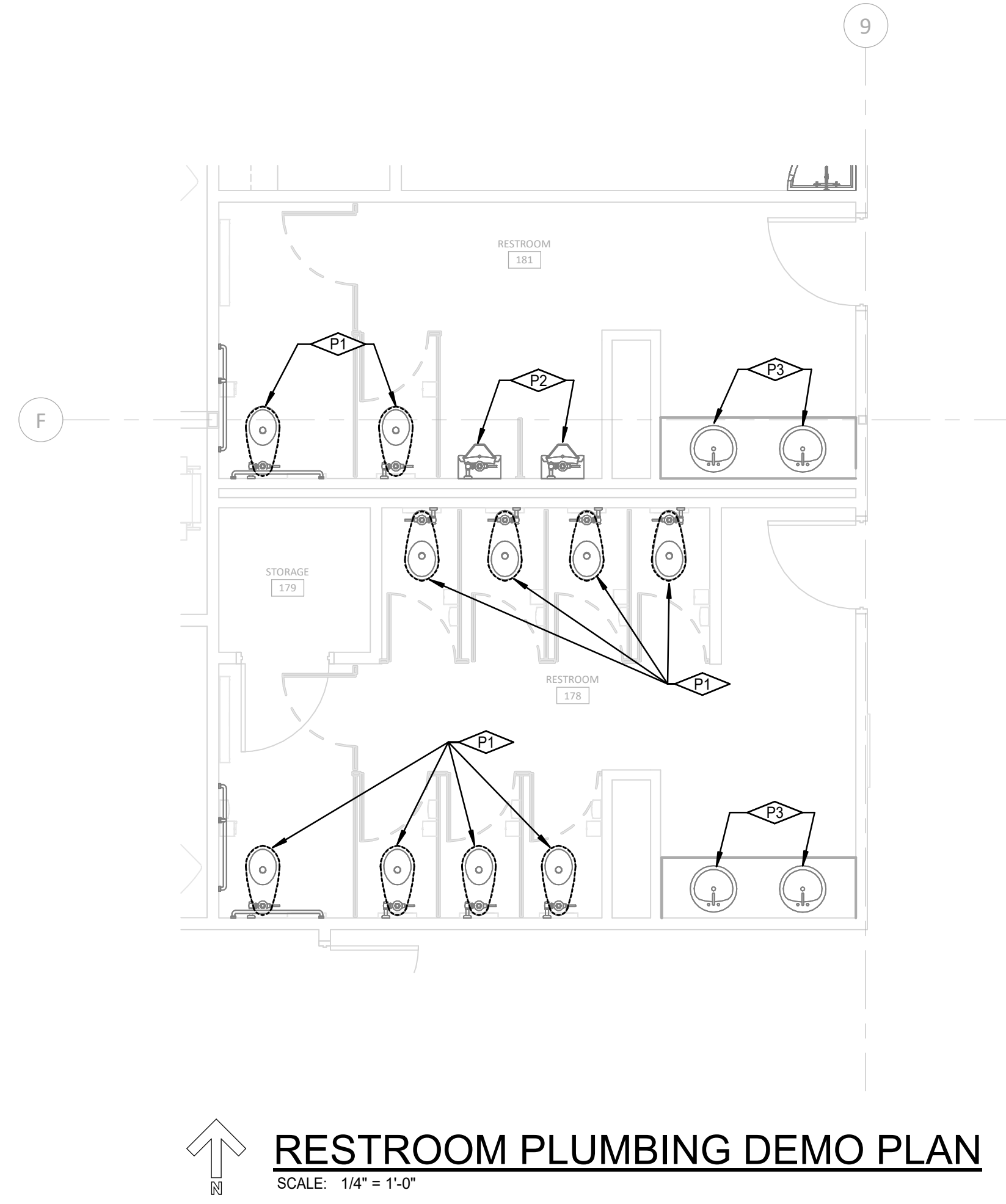
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KEYNOTES	
P1	DEMOLISH AND LEGALLY DISPOSE OF WATER CLOSET, PROTECT ROUGH-IN FOR RE-CONNECTION TO NEW FIXTURE
P2	REMOVE URINAL AND FLUSH VALVE FOR NEW WALL COVERING, STORE AND PROTECT FIXTURE FOR RE-INSTALLATION.
P3	REMOVE LAVATORY AND FAUCET FOR NEW CASEWORK, STORE AND PROTECT FIXTURE FOR RE-INSTALLATION.
P4	RE-CONNECT NEW WATER CLOSETS TO EXISTING PLUMBING ROUGH-IN (TYP).
P5	RE-INSTALL URINALS, CLEAN, PROVIDE NEW DRAIN AND FLUSH VALVE GASKETS, CAULK AND RE-CONNECT.
P6	RE-INSTALL LAVATORY, CLEAN, PROVIDE NEW FAUCET, CHROME PLATED 17 GA. BRASS P-TRAP, SLIP NUTS, GASKETS, TRUBRO ADA INSULATION KIT AND CHROME PLATED SUPPLY TUBES. CAULK AND RECONNECT LAVATORY.



- FOR BIDDING PURPOSES ONLY - CONTRACTOR TO OBTAIN APPROVED DRAWINGS FROM CITY OF BOISE PRIOR TO COMMENCEMENT OF WORK



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Revisions: △

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Sheet Name:
LEVEL 1 - PLUMBING PLANS - REST ROOMS 178 & 181

PERMIT SET: 10/12/2022

Sheet No:
P2.01

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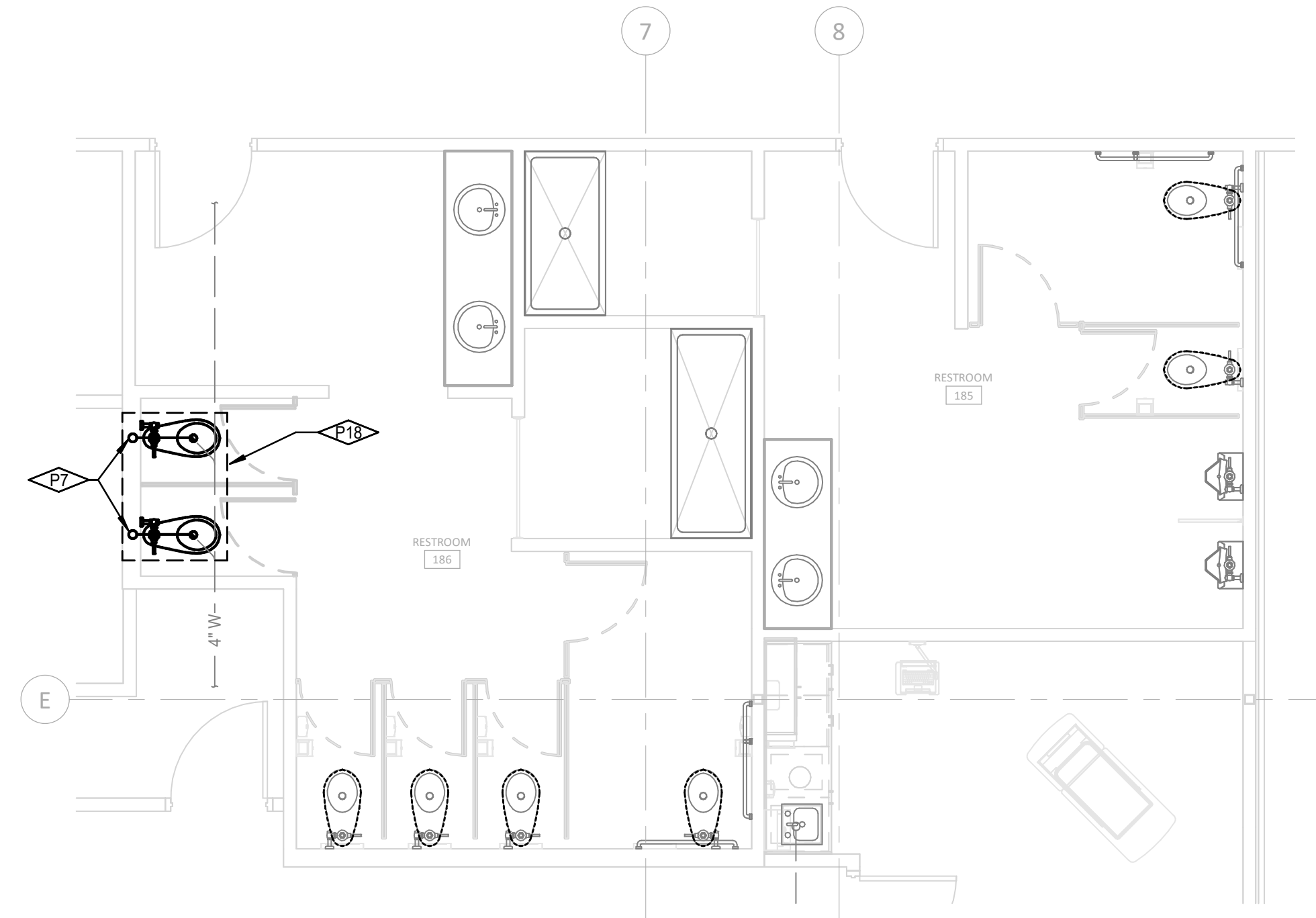
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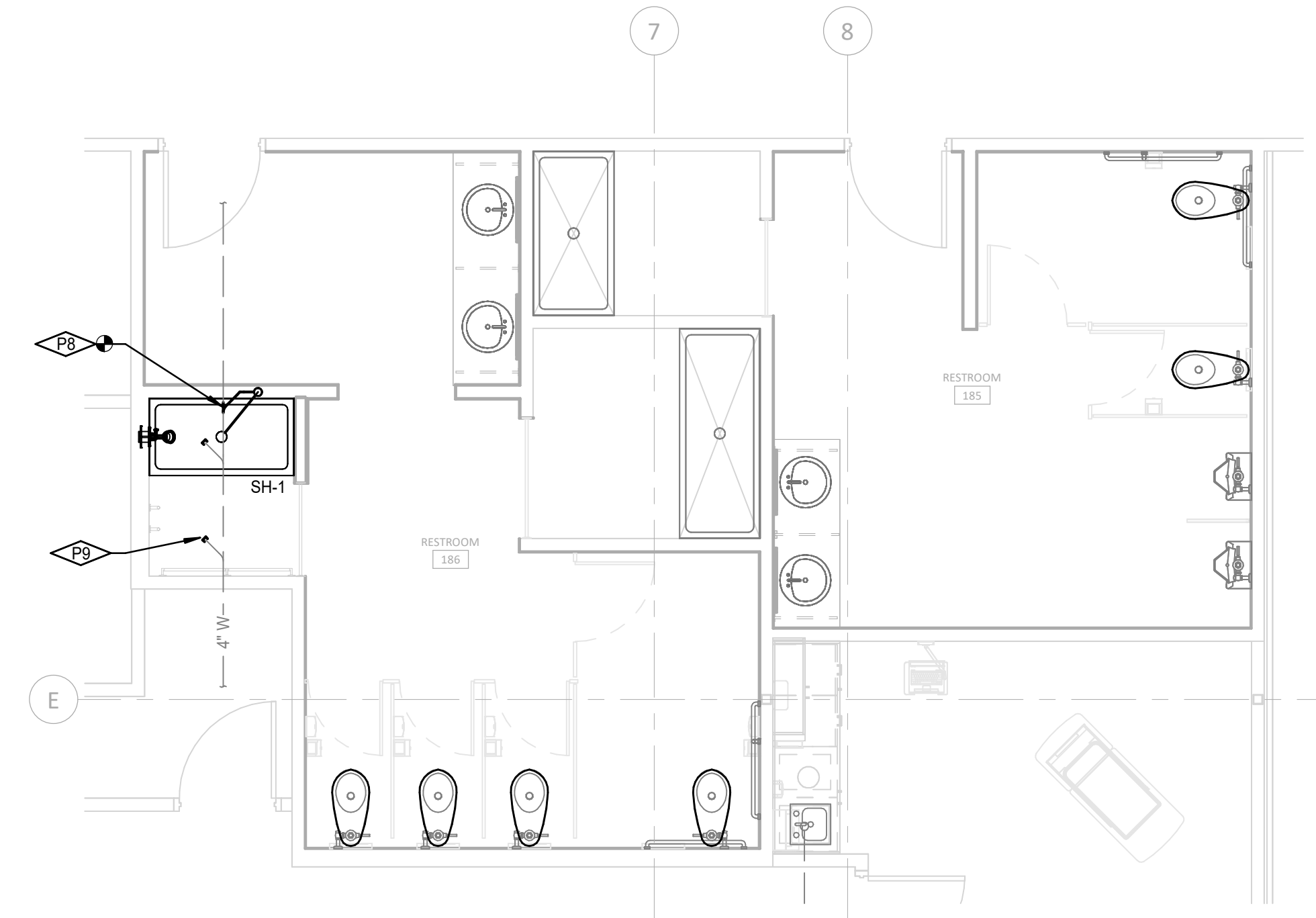
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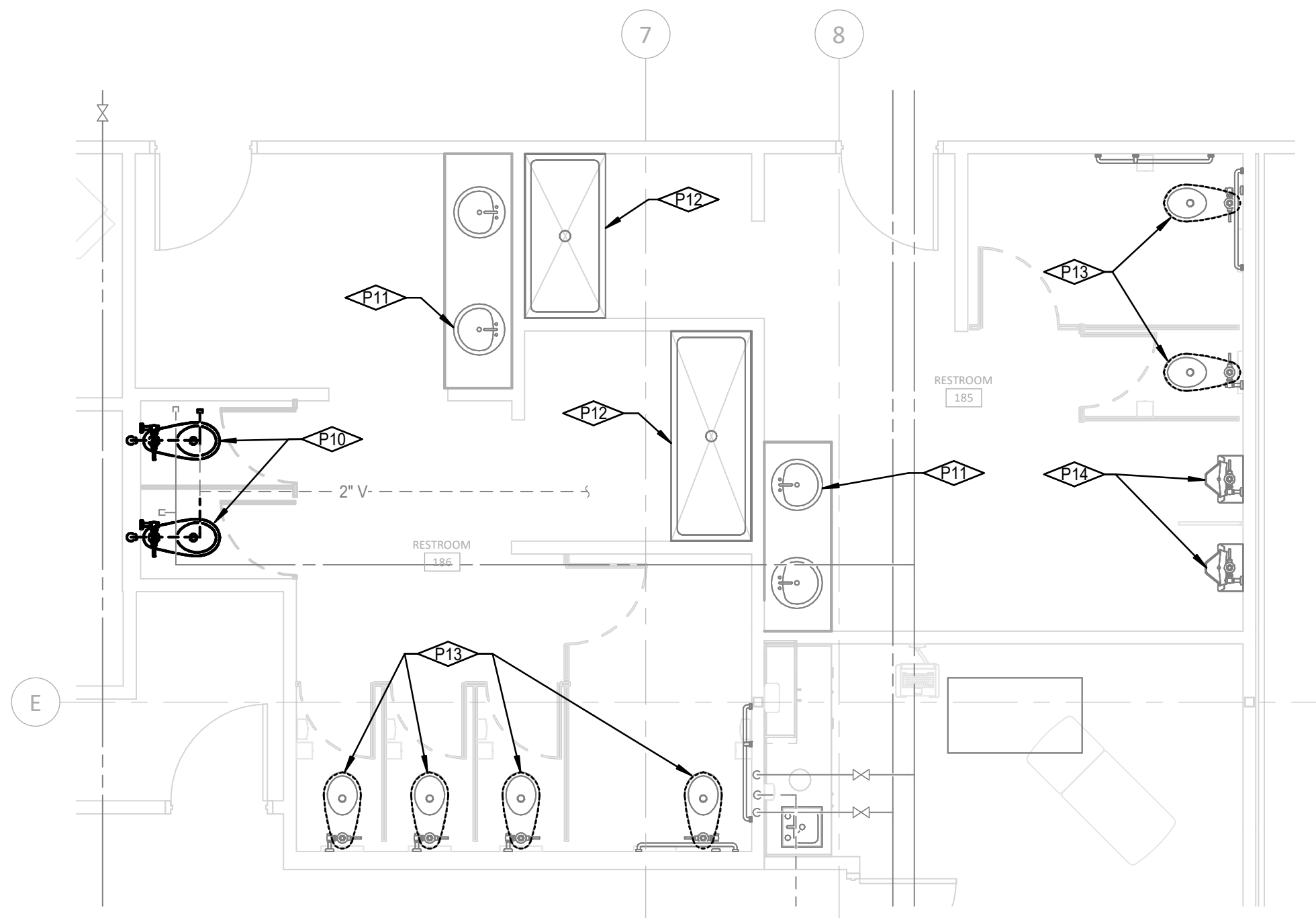
KEYNOTES	
P7	DEMOLISH DRAIN, FLOOR FLANGE AND VENT FROM EXISTING WATER CLOSET (TYP OF 2).
P8	CONNECT NEW 2" DRAIN TO EXISTING 4" DRAIN FOR NEW SHOWER.
P9	CAP 4" WASTE FROM DEMOLISHED WATER CLOSET (TYP OF 2).
P10	DEMOLISH AND LEGALLY DISPOSE OF WATER CLOSET AND ALL ASSOCIATED WATER, DRAIN AND VENT LINES.
P11	REMOVE LAVATORY FROM EXISTING CASEWORK, STORE AND PROTECT FOR REINSTALLATION IN NEW CASE WORK. PROVIDE NEW CHROME PLATED BRASS P-TRAP, SUPPLIES TUBES AND TRUBRO ADA INSULATION KIT, CAULK AND RE-CONNECT PLUMBING (TYP OF 2).
P12	EXISTING SHOWER TO REMAIN.
P13	DEMOLISH AND LEGALLY DISPOSE OF WATER CLOSETS. PROTECT ROUGH-IN FOR RE-CONNECTION TO NEW FIXTURE.
P14	REMOVE URINAL AS REQUIRED FOR NEW BATHROOM PAINT OR WALL COVERINGS, STORE AND PROTECT. REINSTALL AND PROVIDE NEW FLUSHMETER GASKET AND WASTE GASKET CAULK AND RECONNECT TO PLUMBING.
P15	CONFIRM EXACT ROUTING OF HOT WATER AND CONNECT NEW 1/2" HOT WATER OF SH-1 SHOWER.
P16	CONNECT NEW 1/2" HOT AND COLD WATER FOR NEW SH-1 SHOWER.
P17	CONNECT NEW 1 1/2" VENT TO EXISTING VENT ABOVE THE CEILING.
P18	CUT AND REMOVE CONCRETE SLABS FOR INSTALLATION OF DRAINAGE PIPE. PATCH TO MATCH EXISTING WHEN COMPLETE.
P19	RE-CONNECT NEW WATER CLOSETS TO EXISTING PLUMBING ROUGH-IN (TYP).



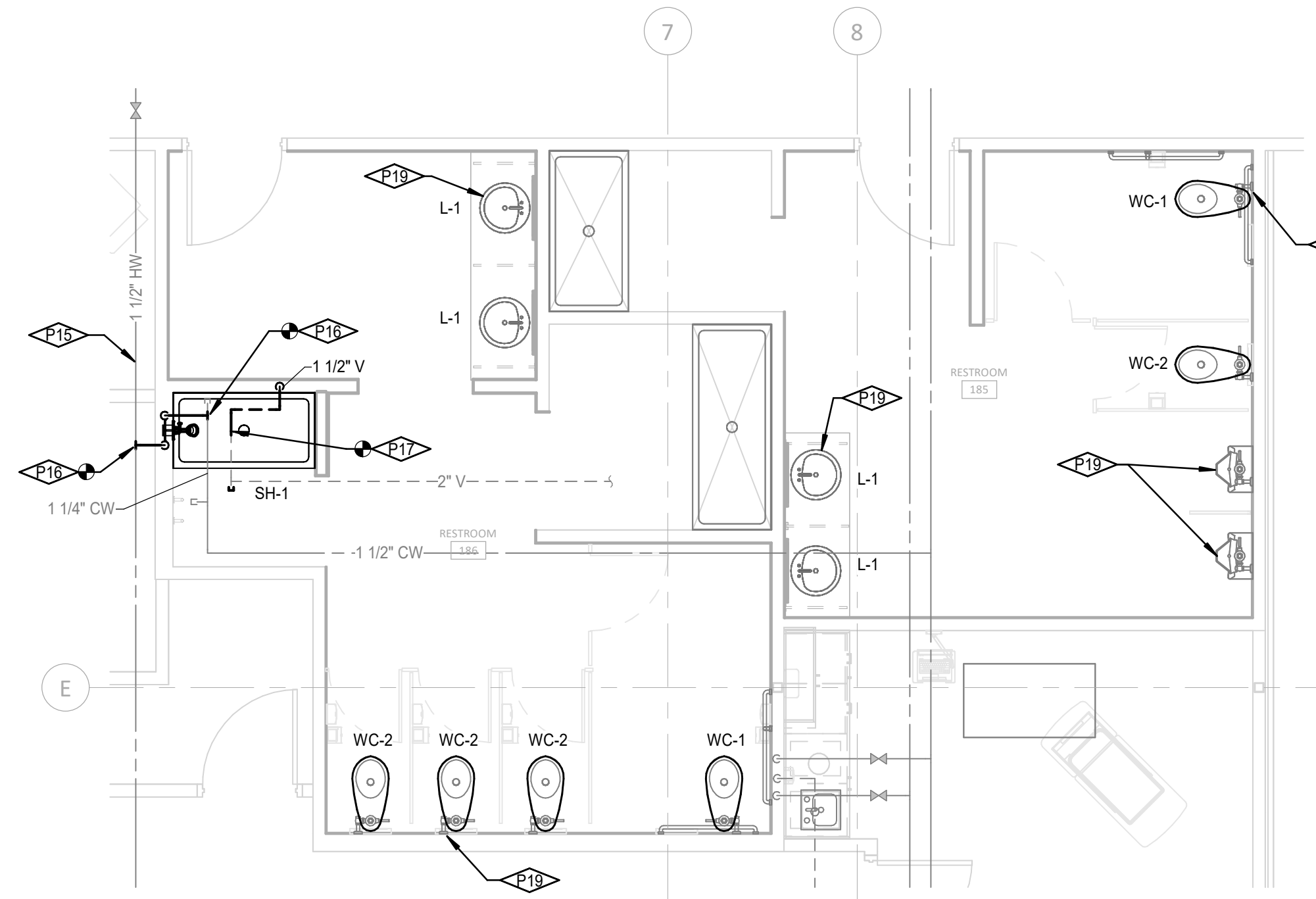
↑ **UNDERFLOOR PLUMBING DEMO PLAN**
SCALE: 1/4" = 1'-0"



↑ **UNDERFLOOR PLUMBING PLAN**
SCALE: 1/4" = 1'-0"

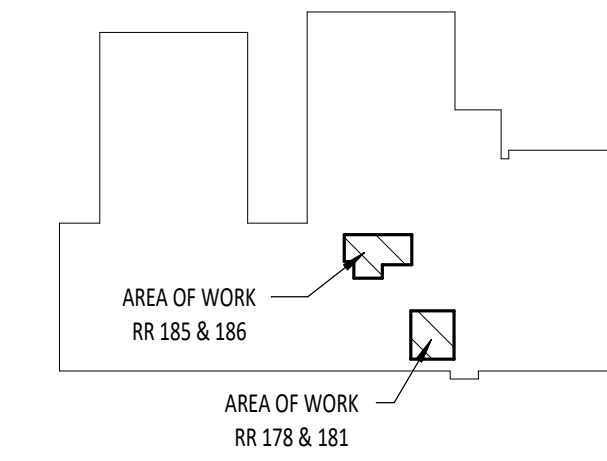


↑ **RESTROOM PLUMBING DEMO PLAN**
SCALE: 1/4" = 1'-0"



↑ **RESTROOM PLUMBING PLAN**
SCALE: 1/4" = 1'-0"

KEY PLAN



- FOR BIDDING PURPOSES ONLY - CONTRACTOR TO OBTAIN APPROVED DRAWINGS FROM CITY OF BOISE PRIOR TO COMMENCEMENT OF WORK



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Project: **CDH ARMSTRONG PLACE RENOVATIONS**

707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions: △

Project No: 22-026
Date: 10/12/2022
Checked By: RD
Drawn By: NAH

Sheet Name: **LEVEL 1 - PLUMBING PLANS - REST ROOMS 185 & 186**

PERMIT SET: 10/12/2022

Sheet No: **P2.02**

210500 / 210500 GENERAL WORK REQUIREMENTS FOR PLUMBING & HVAC

GENERAL

All work shall conform to latest adopted versions of IBC, SMACNA, ISUPC, IMC, NFPA, IFC, IFGC, IECC and all other applicable codes enforced by the authorities having jurisdiction.

The Contractor shall give all necessary notices, obtain and pay for all permits, pay all government sales taxes, fees and other costs incurred in connection with the work, file all necessary plans, prepare all documents and obtain all required certificates of inspections for his work and deliver same to the Engineer before request for acceptance and final payment for the work.

All materials installed shall bear the UL label and shall be new, full weight, and of best quality with the same brand or manufacturer used for each class of material or equipment.

The Contractor shall protect all work, material and existing furnishings from damage by his work or workmen and shall be liable for all damage thus caused.

All equipment, unless shown otherwise, shall be securely attached to the building structure in an approved manner.

All work under this section shall be guaranteed in writing to be free of defective work, materials or parts for a period of one year after completion of the contract.

Contractor shall coordinate the installation of mechanical materials and equipment with all trades.

MECHANICAL SUBMITTALS

Provide electronic copies of all mechanical submittals for the Architect and Engineer's review, identifying the following:

- 1. Supplier and Contractor name, company and all contact information.
2. Schedule or list of all equipment, including make, type, manufacturer's name, and trade designation of all materials and equipment to be used and furnished.
3. Include a complete list of all accessories and options provided.
4. Equipment performance, ratings and capacities - include fan curves, blower charts, manufacturer print outs, air and water pressure drops, RPM values, sound pressure values, equipment construction, finish guarantees and color selections.
5. List all dimensions of equipment, as are necessary to check space requirements.
6. All submittals shall be reviewed, stamped and signed by the General Contractor prior to submission to the Architect and Engineer for review.

RECORD DOCUMENTS

Contractor shall keep a complete set of red-lined record document prints in custody during entire period of construction at the construction site. One (1) set of record documents shall be provided to the Engineer for review, indicating final project conditions after completion of work.

Provide two sets of OPERATION AND MAINTENANCE MANUALS for the Owner to be submitted through the Architect and Engineer for review, identifying the following:

- 1. Equipment model and size.
2. Equipment suppliers with addresses and telephone numbers.
3. Replacement parts.
4. Service requirements.
5. Copies of reviewed submittals for all major equipment.

All work under this section shall be guaranteed in writing to be free of defective work, materials or parts for a period of one year after acceptance of the contract.

SELECTIVE DEMOLITION

Disconnect, demolish and remove mechanical systems, equipment and components indicated to be removed. If pipe, insulation or equipment to remain is damaged in appearance or is unserviceable, remove damaged or unserviceable portions and replace with new products of equal capacity and quality.

- 1. Piping or duct to be removed: Remove portion of piping or duct system indicated on Drawings and cap or plug remaining piping or duct with same or compatible material.
2. Piping or duct to be abandoned in place: Drain piping and cap piping or duct with same or compatible material.
3. Equipment to be removed: Disconnect and cap services; remove equipment.
4. Equipment to be removed and reinstalled: Disconnect and cap services; remove, clean and store equipment, re-install, reconnect and make equipment operational.
5. Equipment to be removed and salvaged: Disconnect and cap services; remove equipment and deliver to Owner.

211000 - FIRE PROTECTION SYSTEMS

GENERAL

Comply with requirements of Authority Having Jurisdiction. Comply with requirements of Owner's insurance underwriter. Submit design drawings, design calculations and installation inspection reports. Include seal and signature of registered NICET Level III designer licensed in jurisdiction. Installer's Qualifications: Firms licensed by State Fire Marshal qualified to install and alter fire protection in compliance with the requirements of the Authority Having Jurisdiction. Submit shop drawings to fire marshal for review. Shop drawings and hydraulic calculations shall be reviewed, stamped and signed by the Authority Having Jurisdiction (AHJ) prior to submission to the Architect and Engineer for review.

PIPE AND TUBES: Steel Pipe: ASTM A 53, Schedule 40 with threaded or roll grooved fittings. Steel Pipe: ASTM A 135, Schedule 10 with roll grooved fittings.

FIRE-STOPPING: Fire-Resistant Sealant: U.L. listed for application one-part elastomeric sealant formulated for use in a through-penetration fire-stop system.

SPRINKLER APPLICATIONS: Rooms without Ceilings: Upright sprinklers, chrome plated. Rooms with Suspended Ceilings: Semi-recessed sprinklers, chrome plated. Wall Mounting: Sidewall sprinklers. Spaces Subject to Freezing: Upright, pendent dry-type and sidewall dry-type sprinklers.

220700 - PLUMBING PIPING INSULATION

GENERAL

When installed indoors, insulation shall have a flame spread rating of 25 or less and a smoke developed rating of 50 or less.

INSULATION MATERIALS: Mineral fiber insulation shall have glass fibers bonded with a thermosetting resin complying with ASTM C 547, Type 1, with factory-applied all-purpose ASI-SSL vapor retarder jacket.

FIELD APPLIED JACKETS: Provide standard PVC fitting covers.

GENERAL APPLICATION REQUIREMENTS: Apply insulation continuously and uninterrupted through all hanger and support load points, and all framing, wall, and floor penetrations in accordance with manufacturer's written instructions.

Insulation application will incorporate valve bodies leaving only valve handles exposed. Provide and install valve stem extensions to accommodate insulation as required.

INSULATION APPLICATION SCHEDULE: Domestic Hot, Re-circulated water: Provide 1" thick for 1-1/4" and smaller 2" thick 1-1/2" and larger, mineral fiber insulation with PVC fitting covers and ASI-SSL jacket. Domestic Cold Water: Provide 1" thick mineral fiber insulation with PVC fitting covers and ASI-SSL jacket.

Insulation for any piping system not listed shall comply with the International Energy Conservation Code (IECC) latest edition.

221110 - DOMESTIC WATER SYSTEM

GENERAL

All work shall be per the latest edition of Idaho State Uniform Plumbing Code and local codes. All pipe, fittings, and other components installed in domestic water systems shall be NSF-61 certified.

PIPES AND TUBES: Hard Copper Tube: ASTM B 88, Type K or L, water tube, hard drawn temper with wrought copper solder fittings.

JOINT MATERIALS: Solder: ASTM B 32, Alloy Sn95, Sn94 or E; lead free.

WATER HAMMER ARRESTORS: Bellows Type: Stainless steel casing and bellows, rated for 250psi, 200 degrees F., tested and certified in accordance with PDI Standard WH-201.

Piston Type: 60psi pre-charge, sealed from system water with free sliding piston and EPDM O-rings. Suitable for up to 150psi and 180 thread connections.

FIRE-STOPPING

Fire-Resistant Sealant: U.L. listed for application one-part elastomeric sealant formulated for use in a through-penetration fire-stop system.

CLEANING: Use purging and disinfecting procedures prescribed by Authority Having Jurisdiction or, if method is not prescribed, procedure described in either AWWA C651 or AWWA C652.

221310 - SANITARY WASTE & VENT PIPING

PIPE AND TUBES

APPROVED MANUFACTURERS: ABEI, Tyler, Charlotte.

Hubless cast-iron Soil Pipe & Fittings: ASTM A888 and CISPI 301 listed and labeled with no hub compact bonded fittings and couplings. Building two (2) stories and less standard 2 band couplings are acceptable, buildings greater than two (2) stories, heavy duty 4 band couplings shall be use on all floors up to the last two stories. The uppermost two (2) stories standard couplings will be acceptable.

JOINTS: Hubless couplings shall be composed of a stainless steel shield, clamp assembly and an elastomeric sealing sleeve conforming to CISPI 130 and ASTM C-564. Joints for hubless pipe and fittings shall conform to manufacturer's installation instructions and local code requirements.

INSTALLATION: Install Hubless cast-iron soil pipe and fittings per CISPI "Cast Iron Soil Pipe and Fittings Handbook" and local code whichever is the most stringent.

FIRE-STOPPING: Fire-Resistant Sealant: U.L. listed for application one-part elastomeric sealant formulated for use in a through-penetration fire-stop system.

221319 - SANITARY WASTE PIPING SPECIALTIES

GENERAL

All work shall be per the latest edition of ISUPC and local codes.

MANUFACTURERS: J. R. Smith, Josam, Zam, Wade, PPP.

TRAP PRIMERS

Bronze body valve with automatic vacuum breaker. Provide with 3/8" connections matching piping system. Compliance with ASSE 1018. Provide "Prime-Rite Trap Primer Valve (PPP) or equivalent.

FLOOR CLEANOUTS

Provide round, cast iron body with recessed bronze closure plug, or PVC with brass center plug. Provide with bronze frame and cover plate.

WALL CLEANOUTS: Provide cleanout tee with raised head brass plug. Provide flat-style chrome plated wall cover plate with hole for 1/4" bolt; 1/2-20 threaded bolt with chrome plated countersunk flat head.

SURFACE CLEANOUTS: Provide cast iron body ferrule with raised head brass plug. Provide medium-duty cast iron manhole cover and ring 12" diameter to be set in concrete pad.

FLOOR DRAINS: Toilet Rooms & Finished Areas: Round cast iron body with flashing collar and cast iron ring. 6" round nickel bronze adjustable strainer head with secured square hole grate and bottom waste outlet. Jay R. Smith 2005-A, or equivalent.

224000 - PLUMBING FIXTURES

GENERAL

All fixtures, faucets, trim and accessories shall be lead-free and shall meet NSF-61 requirements. All angle stops shall be 1/2-turn ball valve type. All trim for fixtures shall be as specified and shall be fully code compliant and operational.

INSTALLATION: Level, plumb and fully caulk plumbing fixture with mold resistant silicone caulking. Install water shock arrestors at flush valve fixtures as per PDI recommendations.

Prime traps for floor drains, floor sinks and open hub drains, where possible utilize flush valve or sink lavatory tail piece type primers. Where not practical provide adjustable pressure differential type trap primers with shutoff ball valves and access panels (coordinate location with General Contractor).

220510 / 220510 - BASIC PIPING MATERIALS & METHODS FOR HVAC AND PLUMBING

PIPE AND TUBING MATERIALS: Steel Pipe: ASTM A 53, Schedule 40, black steel pipe, plain ends or threaded and coupled. Domestic water above grade: Drawn Temper Copper Tubing: ASTM B 88, Type L.

Below Grade Water Service: Ductile iron pipe AWWA C151 or AWWA C115 with AWWA C104 cement-mortar lining, AWWA C900 PVC where allowed by code, or hard drawn temper copper tubing, ASTM B88, Type K with brazed joints.

Sanitary Drainage & Vents Inside Building: Above Grade: Service weight cast iron, no hub with neoprene gaskets; service weight cast iron hub and spigot type with neoprene gaskets; or DWV copper with wrought copper or cast brass fittings. Below Grade: Service weight cast iron, no-hub or hub and spigot type with neoprene compression gaskets; or Schedule 40 PVC DWV with solvent weld joints.

Natural Gas: Schedule 40 black steel pipe, with 150 lb. malleable iron fittings and threaded joints for 2" and less. Welded joints for 2-1/2" and larger (above grade only).

FITTINGS: Wrot copper sweat fittings: ASTM B75 with ASTM B 32, Alloy Sn95, Sn94 or E; lead free solder. Malleable-Iron Threaded Fittings: ANSI B16.3, Class 150, standard pattern.

Butt weld class 150 steel weld fittings: ASME B16.9 & ASTM A234 WPB, steel Flanges and flanged fittings: ANSI B16.5. Grooved fittings: ductile iron ASTM A536, grade 65-45-12, malleable iron ASTM A47, fabricated carbon steel ASTM A53 grade B.

Provide ASTM F492PP dielectric couplings between copper and steel pipe connections.

FIRE-STOPPING: Fire-Resistant Sealant: U.L. listed for application one-part elastomeric sealant formulated for use in a through-penetration fire-stop system.

ADJUSTING AND CLEANING: Clean and flush hydronic piping systems. Chemical Treatment: Provide a water analysis and initial treatment after completion of system testing and cleaning. Provide corrosion inhibitor as recommended by chemical treatment Contractor.

220521 / 220521 - GENERAL DUTY VALVES FOR HVAC & PLUMBING

GENERAL: General duty valves common to most mechanical piping systems. Comply with ASME B31.9 for building services piping. Comply with MSS Standard Practices referenced.

PRODUCTS: Ball Valves: MSS SP-110, full port, class 150, 600 psi cwp, bronze body, chrome plated brass ball and S.S. trim. Gate Valves (2 1/2" and smaller): MSS SP-80, class 125, 200 psi cwp, bronze body. Gate Valves (3" and larger): MSS SP-85, class 125, 200 psi cwp, cast iron body. Butterfly Valves: MSS SP-76, 200psi cwp, cast iron body, lug type or grooved. Swing Check Valves (2 1/2" and smaller): MSS SP-80, class 125, 200 psi cwp, bronze body. Swing Check Valves (3" and larger): MSS SP-71, class 125, 200 psi cwp, cast iron body.

220529 / 220529 - HANGERS & SUPPORTS FOR HVAC AND PLUMBING PIPING AND EQUIPMENT

GENERAL: Hangers and supports for mechanical systems piping and equipment, including seismic restraints per IBC in accordance with the latest SMACNA Seismic Design Guide for seismic zones as identified by current IBC.

PRODUCTS: Manufactured Unit Hangers, Supports and Components: Factory fabricated according to MSS SP-58.

EXECUTION: Hanger and support applications and installation shall comply with MSS SP-69 and SP-89. Install hangers, supports, clamps and attachments as required to properly support piping from building structure. Hanger spacing shall as a minimum meet the ISUPC or local plumbing and mechanical codes. Equipment support requires fabricated structural steel stands to suspend equipment from structure above or support equipment above floor.

Insulated Piping shall comply with the following installation requirements:

Shield: Provide and install protective sheet metal shields MSS Type 40 on cold piping 2" and less. Shield shall span an arc of 180 degrees and shall be minimum 8" in length.

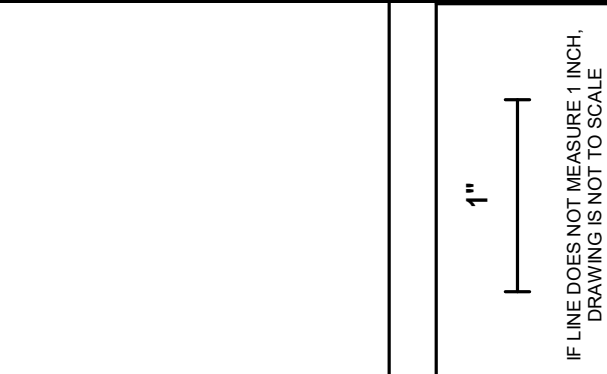
Insulation Inserts: Provide and install asbestos-free calcium silicate insert encased with a vapor barrier, and a sheet metal shield for piping 2-1/2" and larger to prevent crushing damage to insulation.

Duct Hangers: All duct hangers shall be sheet metal strapping, or angle iron in compliance with SMACNA guidelines. Use attachments appropriate for building materials. Verify with Structural Engineer.

END OF SECTION



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Project: CDH ARMSTRONG PLACE RENOVATIONS

707 N. ARMSTRONG PLACE, BOISE, IDAHO 83704

Revisions: 1

Project No: 22-026 Date: 10/12/2022 Checked By: RD Drawn By: RD

Sheet Name:

PLUMBING SPECIFICATIONS

PERMIT SET: 10/12/2022

Sheet No: P3.01