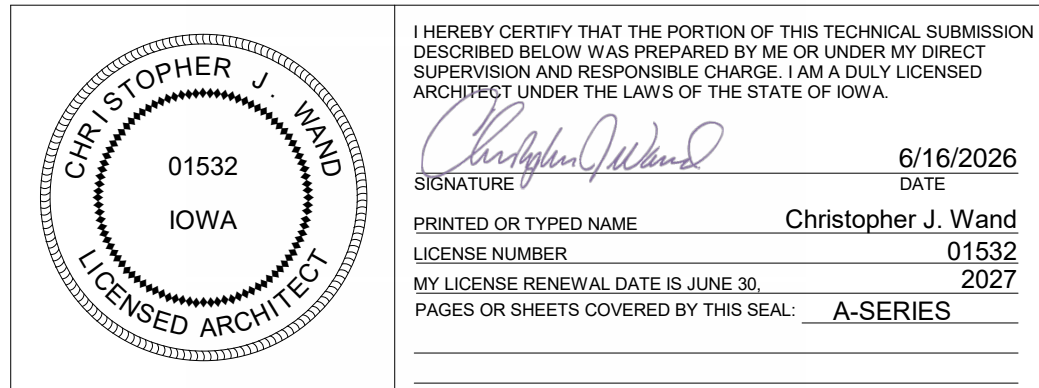


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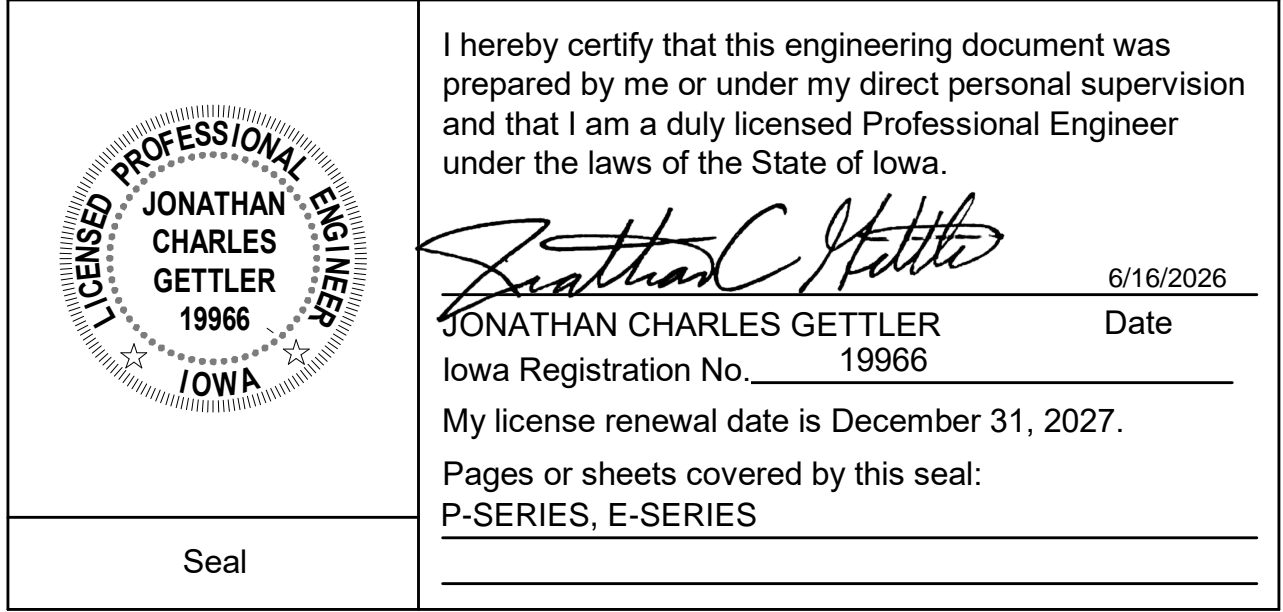
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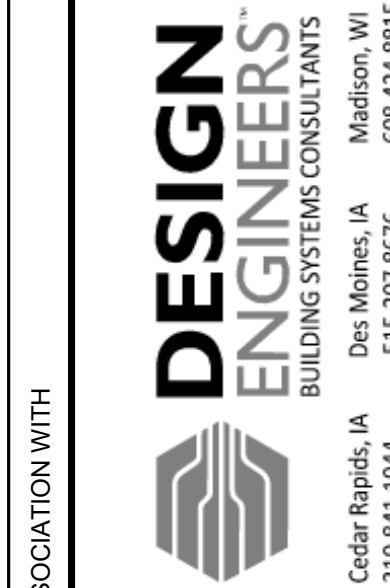
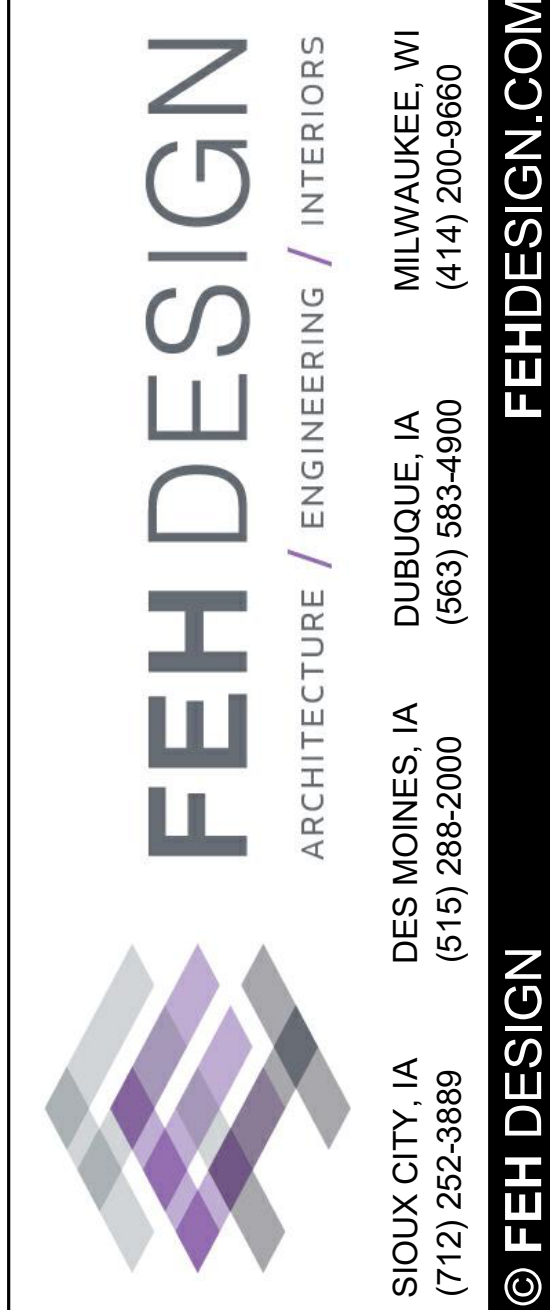
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SHEET TITLE
TITLE SHEET

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DBQ FIRE HQ BUNKROOM
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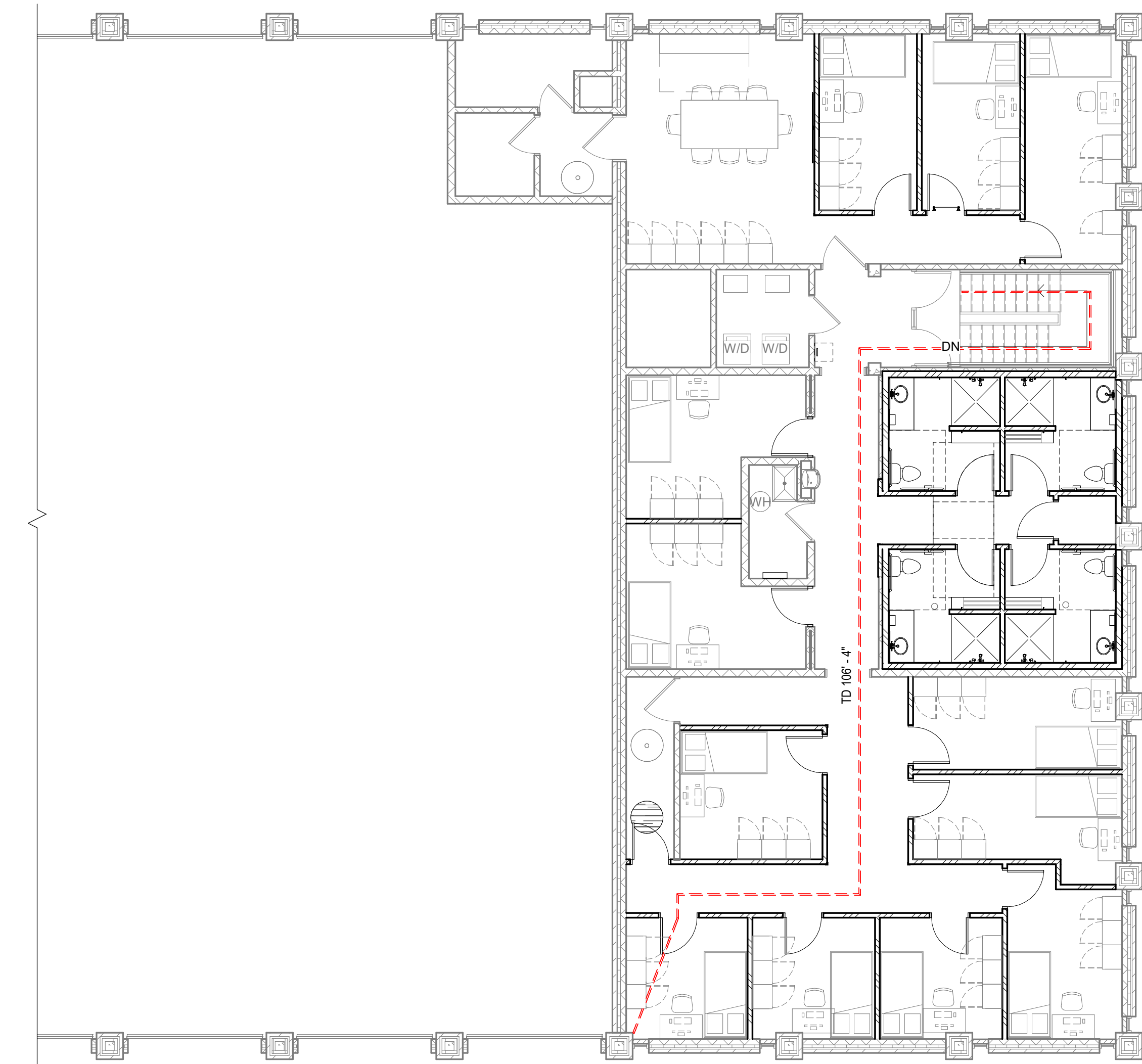
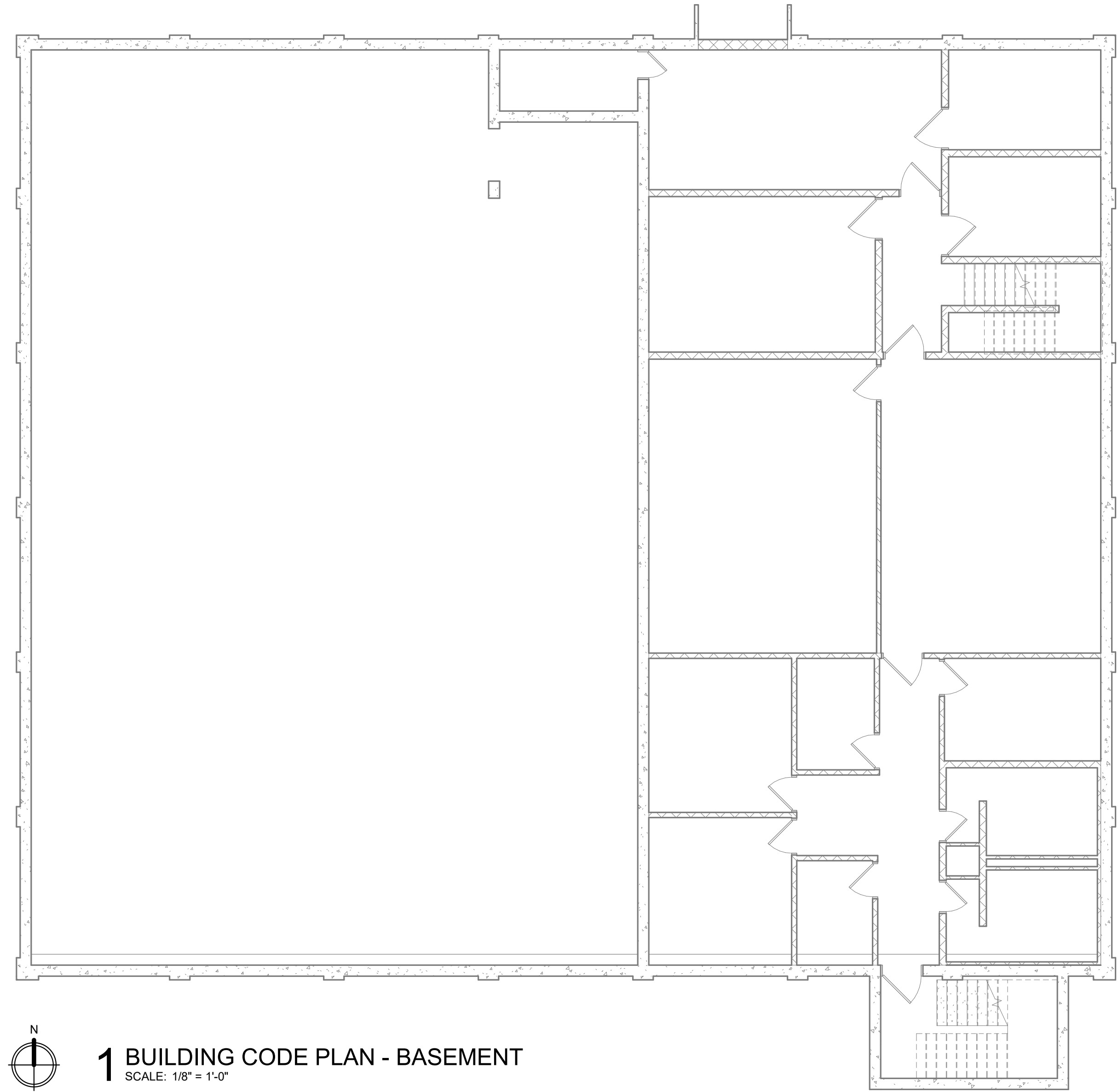
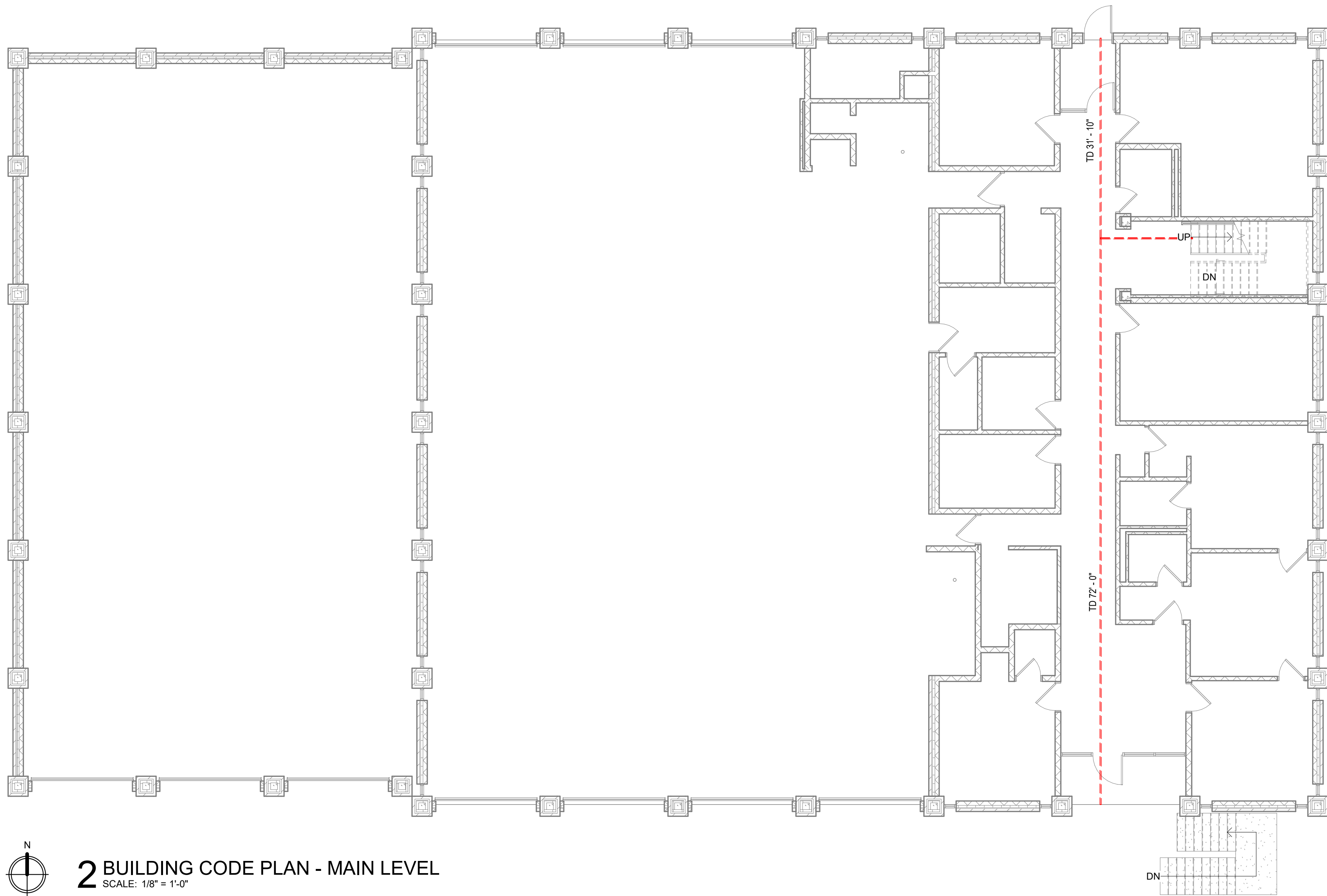
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CODE INFORMATION

PROJECT DESCRIPTION:
REMODEL OF UPPER LEVEL SLEEPING QUARTERS AND SHOWER ROOMS OF DUBUQUE FIRE HEADQUARTERS BUILDING AT 11 W 9TH STREET IN DUBUQUE, IOWA.

APPLICABLE CODES:
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2021 INTERNATIONAL BUILDING CODE (IBC)
2021 INTERNATIONAL FIRE CODE (IFC)
2021 PROPERTY MAINTENANCE CODE (PMC)
2021 UNIFORM PLUMBING CODE (UPC)
2021 INTERNATIONAL MECHANICAL CODE (IMC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2012 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2010 ADA GUIDELINES FOR ACCESSIBLE DESIGN

OCCUPANCY TYPES (IBC CHAPTER 3)
BASEMENT MAIN LEVEL UPPER LEVEL
ASSEMBLY GROUP A-3 BUSINESS GROUP B RESIDENTIAL GROUP R-2
BUSINESS GROUP B STORAGE GROUP S-2
STORAGE GROUP S-2

BUILDING HEIGHTS AND AREAS (IBC CHAPTER 5)
BASIC ALLOWABLE - BASED ON TYPE II-B CONSTRUCTION, ASSEMBLY GROUP A-3
9,500 GROSS SF PER STORY PER IBC TABLE 506.2 FOR NON-SPRINKLERED
2 STORIES
55'-0" HIGH ABOVE GRADE

BUILDING PERIMETER = 456 FEET
BUILDING FRONTAGE = 313 FEET

ALLOWABLE AREA PER STORY WITH FRONTAGE PER IBC TABLE 506.3.3
 $9,500 + (9,500 \times 0.5) = 14,250$ GROSS SF

EXISTING BUILDING
24,607 GROSS SF
BASEMENT 8,572 GROSS SF
MAIN LEVEL 12,157 GROSS SF
UPPER LEVEL 3,878 GROSS SF
2 STORIES WITH BASEMENT
28'-4" HIGH ABOVE GRADE

TYPES OF CONSTRUCTION (IBC CHAPTER 6)
TYPE II-B CONSTRUCTION

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC TABLE 601)

PRIMARY STRUCTURAL FRAME	0 HOUR
BEARING WALLS	0 HOUR
INTERIOR	0 HOUR
NONBEARING WALLS AND PARTITIONS - EXTERIOR	0 HOUR
NONBEARING WALLS AND PARTITIONS - INTERIOR	0 HOUR
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0 HOUR
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0 HOUR

LEVEL OF ALTERATION (IEBC CHAPTER 6)
WORK AREA IS EQUAL TO OR LESS THAN 50 PERCENT OF THE BUILDING AREA. THEREFORE, THE PROJECT QUALIFIES AS A LEVEL 2 ALTERATION.

FIRE PROTECTION (IEBC SECTION 803)
PER SECTION 803.2.2, A FIRE SPRINKLER SYSTEM IS NOT REQUIRED SINCE THE WORK AREA DOES NOT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30.

MEANS OF EGRESS (IBC CHAPTER 10)
1004 DESIGN OCCUPANT LOADS 3,878 SF / 200 = 20 OCCUPANTS
UPPER LEVEL OCCUPANTS
1005.1 EGRESS WIDTH
MEANS OF EGRESS CAPACITY FACTOR = _____ INCH (IBC SECTION 1005.3.2)
1008 MEANS OF EGRESS ILLUMINATION
TO BE ILLUMINATED ALL TIMES (IBC SECTION 1008.2)
1010.1.1 WIDTH OF DOOR
MINIMUM CLEAR WIDTH OF 32 INCHES
1017.2 EXIT ACCESS TRAVEL DISTANCE (IBC TABLE 1017.2)
200 FEET WITHOUT SPRINKLER
1020.2 MINIMUM CORRIDOR WIDTH (IBC TABLE 1020.2)
ANY FACILITIES NOT LISTED BELOW 44 INCHES
WITH AN OCCUPANT LOAD OF LESS THAN 50 36 INCHES
1022 EXITS
AS SHOWN ON THE PLAN
1028.1 EXIT DISCHARGE
EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING

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IN ASSOCIATION WITH

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BUILDING CODE PLANS AND INFORMATION

**DESIGN
ENGINEERS**
BUILDING SYSTEMS CONSULTANTS
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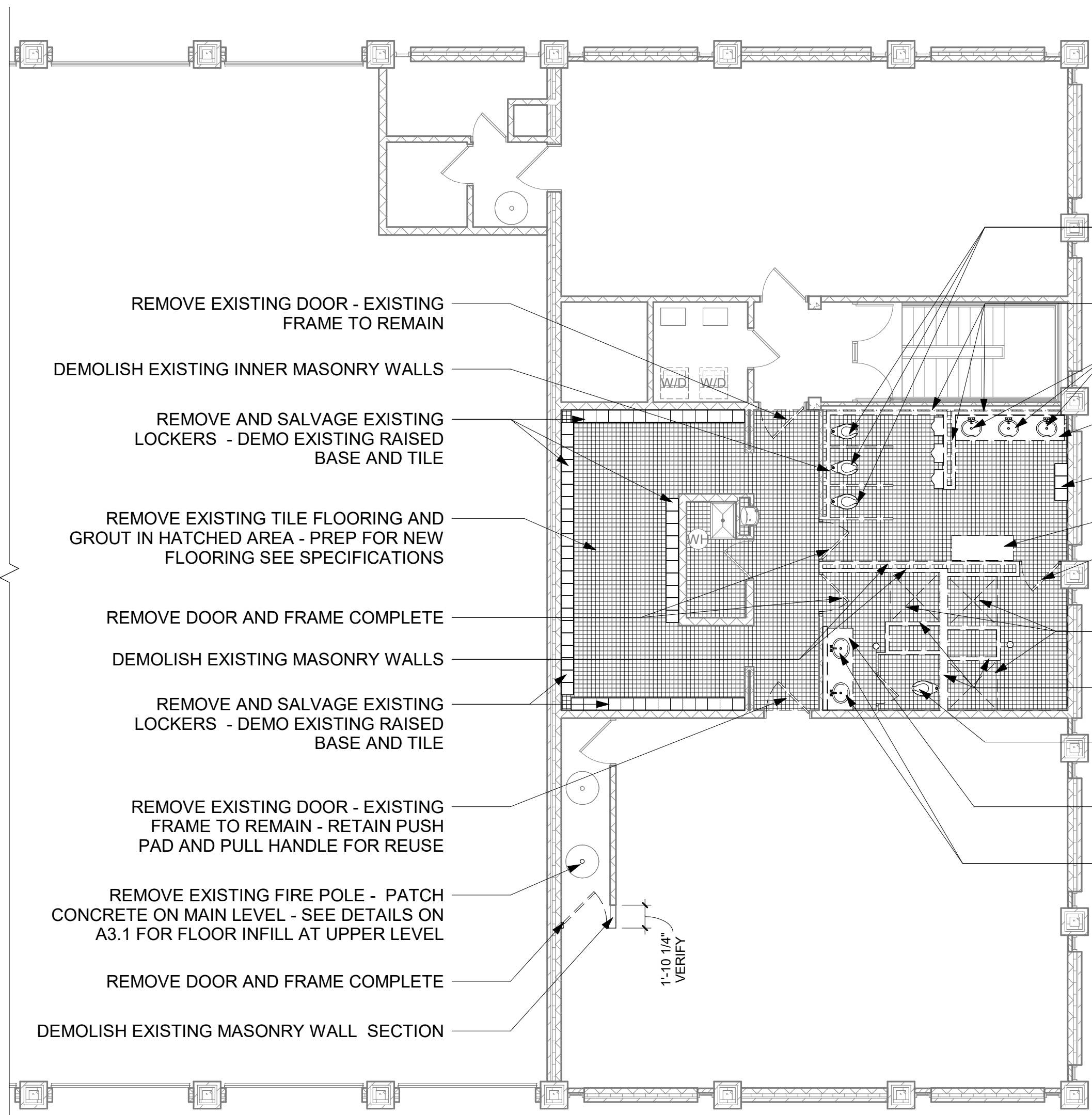
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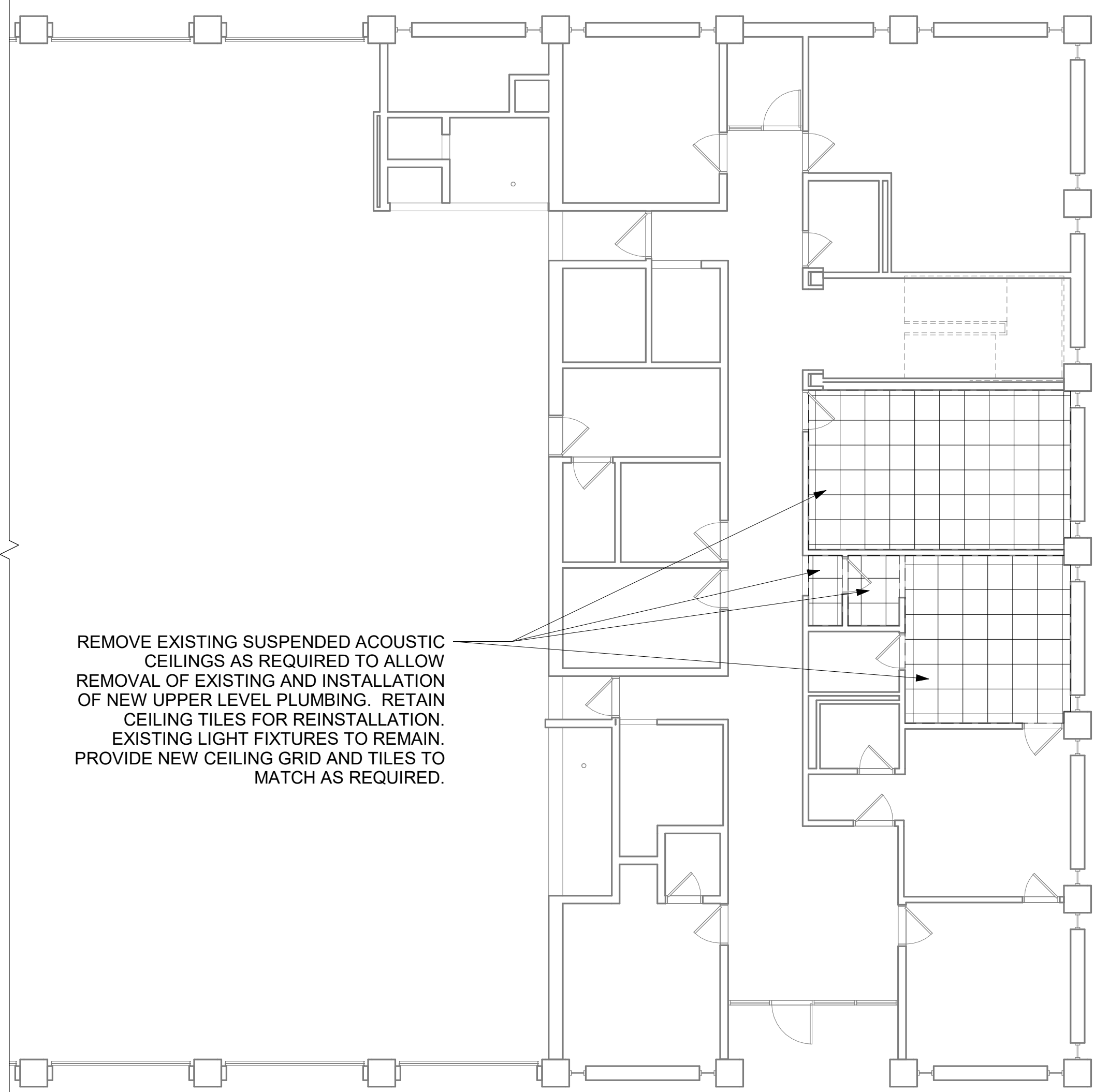
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1 UPPER LEVEL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



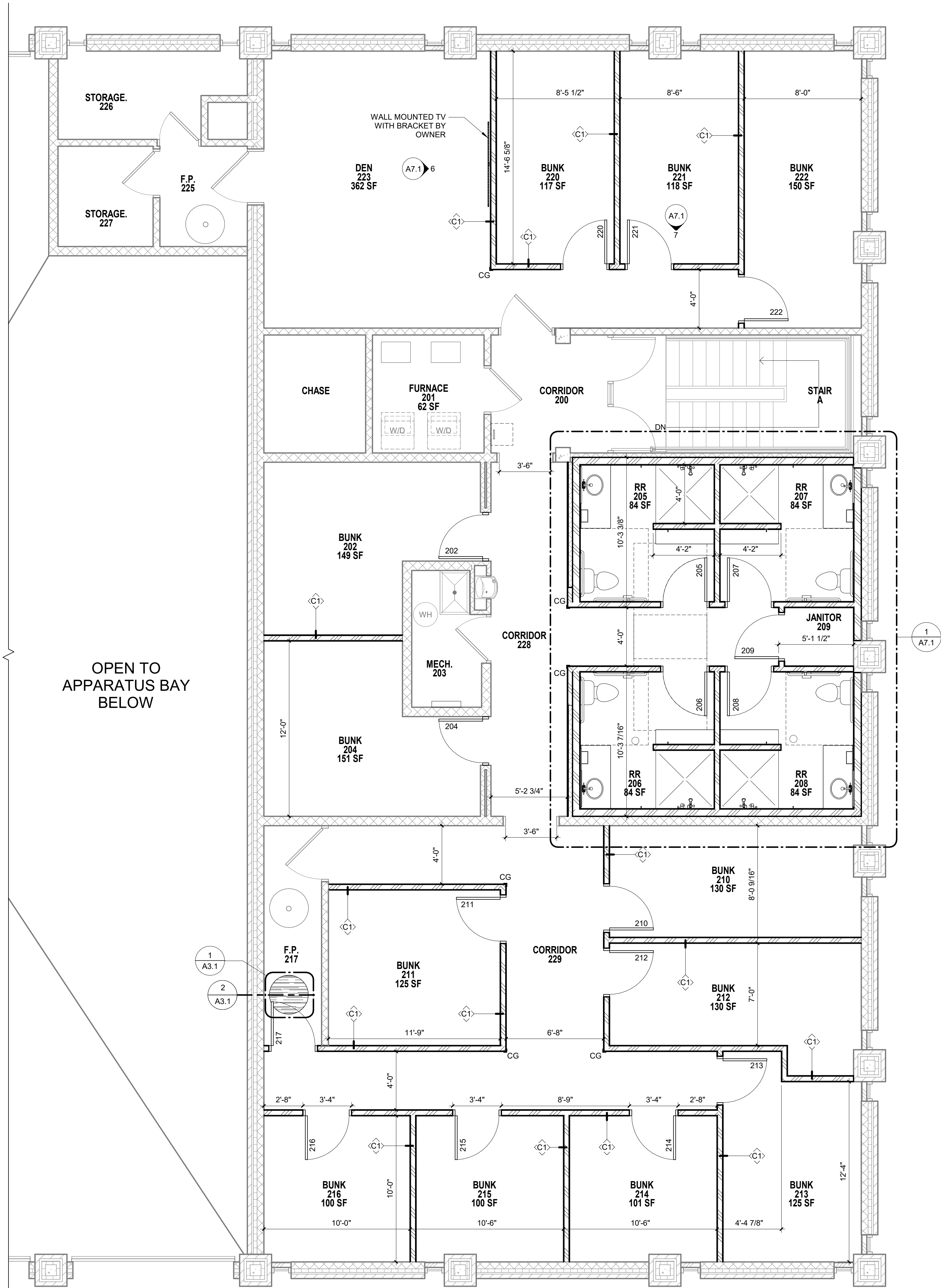
2 MAIN LEVEL DEMO REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

ARCHITECTURAL GENERAL NOTES

1. THESE CONSTRUCTION DRAWING SHEETS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT MANUAL.
2. WHEN DRAWINGS AND PROJECT MANUAL CONFLICT, BIDDER SHALL REQUEST WRITTEN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING. IF CLARIFICATION IS NOT OBTAINED PRIOR TO BIDDING, THE FOLLOWING SHALL BE USED TO DETERMINE SCOPE OF BID: MATERIAL SIZE AND QUANTITY SHALL BE DETERMINED BY DRAWINGS, QUALITY IS DETERMINED BY PROJECT MANUAL. FINAL DETERMINATION SHALL BE BY THE ARCHITECT OR ENGINEER PRIOR TO CONSTRUCTION OR FABRICATION.
3. ERRORS ARE TO BE REPORTED IMMEDIATELY TO THE ARCHITECT.
4. THE CONTRACTOR SHALL ARRANGE FOR THE PREMISES TO BE MAINTAINED IN AN ORDERLY MANNER THROUGHOUT THE COURSE OF THE JOB. MAINTAIN CLEANLINESS THROUGHOUT - DO NOT BLOCK EXITS, ENTRANCES, LOBBIES, CORRIDORS, ETC. PROTECT AREA FROM DAMAGE WHICH MAY OCCUR FROM DEMOLITION DUST, WATER, ETC. PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC. AS REQUIRED TO PROTECT THE PUBLIC DURING THE PERIOD OF CONSTRUCTION. DAMAGE OF EXISTING STRUCTURES AND EQUIPMENT SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL LEFTOVER MATERIALS, DEBRIS, TOOLS, AND EQUIPMENT INVOLVED AT THE CONCLUSION OF THE INSTALLATION. THE CONTRACTOR SHALL LEAVE ALL AREAS CLEAN. ALL FIXTURES AND REUSABLE MATERIALS TO BE REMOVED ARE TO BE STORED OR DISPOSED OF AS PER OWNERS INSTRUCTIONS.
6. CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT WORKERS FROM INJURY OR EXPOSURE TO DANGEROUS MATERIALS DURING THE WORK BY THE CONTRACTOR, AS PER OSHA REGULATIONS AND FIRE-WATCH AS PER THE SUPPLEMENTAL CONDITIONS IN THE PROJECT MANUAL.
7. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT / ENGINEER IF ADDITIONAL DIMENSIONS ARE REQUIRED OR DISCREPANCIES DISCOVERED.
8. ALL EXISTING FACILITY DIMENSIONS ARE TO BE VERIFIED ON SITE.
9. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO SHOP DRAWING APPROVAL AND CONSTRUCTION. SEE PROJECT MANUAL WHERE FIELD VERIFICATION CANNOT BE OBTAINED PRIOR TO SHOP DRAWING APPROVAL.
10. DIMENSIONS ARE ACTUAL. DIMENSIONS FOR WALLS ARE FROM FACE TO FACE OF MASONRY, SHEATHING, OR GYPSUM WALLBOARD.
11. SEE TYPICAL MOUNTING HEIGHTS FOR EQUIPMENT AND FIXTURES.
12. FOR ADDITIONAL PLAN INFORMATION REFER TO PARTIAL ENLARGED PLANS OR DETAILS AS NOTED ON THE DRAWINGS.
13. PROVIDE FINISHED END OR FRONT PANELS ON ALL SURFACES OF CASEWORK THAT ARE EXPOSED TO VIEW.
14. FURNITURE IS TO BE PROVIDED BY OWNER.

ARCHITECTURAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL EXAMINE SITE AND PORTIONS THEREOF TO ASCERTAIN AND CHECK ALL EXISTING CONDITIONS AND DIMENSIONS WHICH MAY AFFECT THE CONTRACTOR'S WORK. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE IN THE CONTRACTOR'S BEHALF FOR ANY EXPENSE TO WHICH THE CONTRACTOR MAY PAY DUE TO FAILURE OR NEGLECT ON ONE'S PART TO MAKE AN EXAMINATION. ANY CONFLICTS OR OMISSIONS, ETC. SHALL BE REPORTED TO THE ARCHITECT PRIOR TO BID SUBMISSION.
2. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE DUST AND NOISE TO SURROUNDING PROPERTIES. SITE ACCESS SHALL BE LIMITED TO LOCATIONS SHOWN OR COORDINATED WITH OWNER.
3. PROVIDE PLASTIC SHEETS (OR OTHER) FOR SAFETY AND PROTECTION FROM NOISE, DUST, ETC. OF OCCUPIED AREAS DURING CONSTRUCTION AND DEMOLITION. PROVIDE RATED SEPARATION WHERE REQUIRED.
4. REMOVE PORTIONS OF EXISTING CONSTRUCTION AS NOTED ON THE DRAWINGS AND AS NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION AND REPLACE OR REPAIR AS NEEDED. CONTRACTOR NOTE: SOME ANCILLARY MINOR DEMOLITION AND PATCH/REPAIR MAY NOT BE SHOWN SPECIFICALLY. PROVIDE AND COORDINATE. ALL ANCILLARY MINOR WORK REQUIRED TO COMPLETE NEW WORK AS DESIGNED. VERIFY CONDITIONS WITH OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
5. THE CONTRACTOR IS CAUTIONED THAT THIS PROJECT INVOLVES ALTERATION TO EXISTING FACILITIES. WORK WHICH IS REQUIRED TO BE PERFORMED TO PROVIDE A COMPLETELY OPERABLE INSTALLATION WITHIN THE SCOPE OF THE WORK, BUT WHICH IS NOT SPECIFICALLY INCLUDED ON THE PLANS, SHALL BE PERFORMED AS PART OF THE CONTRACT AND INCLUDED IN THE BID.
7. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND CONSTRUCTION REPRESENTATIVE IMMEDIATELY OF ANY UTILITIES NOT IDENTIFIED FOUND IN CONSTRUCTION TO BE REMOVED.
8. ANY ITEMS DESCRIBED IN THESE DRAWINGS WITHOUT A "NEW" (N) OR "EXISTING" (E) DESIGNATION SHALL BE CONSIDERED NEW.
9. EXISTING BUILDING DIMENSIONS AS SHOWN ON THE PLANS MAY DIFFER PLUS OR MINUS; FIELD VERIFY.
10. WHERE INDICATED ON THE PLANS, ALIGN NEW WALLS WITH THE FACE OF EXISTING WALLS, COLUMNS, AND FURRING FOR A FLUSH CONDITION. REPAIR, PATCH, AND FINISH EXISTING WALLS WHICH ABUT NEW WALLS.
11. WHERE NEW OPENINGS OCCUR AT EXISTING FRAMED WALLS, FIELD VERIFY EXISTING WALL THICKNESS. NEW WALL TO BE FURRED AS NEEDED TO MATCH EXISTING WALL CONSTRUCTION THICKNESS.
12. PREPARE SURFACES TO RECEIVE FINISHES. PATCH ALL EXISTING WORK ALTERED BY NEW WORK. ALL NEW AND PATCHED SURFACES SHALL BE SMOOTH, CONTINUOUSLY FREE OF IMPERFECTIONS AND IN PROPER CONDITION TO RECEIVE THE FINISH PER THE PROJECT MANUAL. IN PATCHED AREAS OR ANY AREA WHERE A FINISH IS NOT IDENTIFIED, THE AREA SHALL MATCH ADJACENT MATERIAL IN CONSTRUCTION, COLOR, TEXTURE, AND MANUFACTURE. ANY EXISTING WORK, I.E. FLOOR TILES, WALL TILES, ETC. WHICH ARE DAMAGED OR STAINED, ETC. SHALL BE REPAIRED OR REPLACED AS NECESSARY WITH NEW MATCHING MATERIAL.
13. FASTENER ATTACHMENTS ONTO EXISTING CONCRETE SURFACES: DO NOT DAMAGE EXISTING EMBEDDED REINFORCEMENT BARS. LOCATE EXISTING REINFORCEMENT BARS WITH A PACHOMETER PRIOR TO INSTALLING FASTENERS TO AVOID DAMAGING EXISTING REINFORCING BARS.
14. THE EXISTING OCCUPANTS INTEND TO OCCUPY A DESIGNATED PORTION OF THE BUILDING AND MAINTAIN OPERATIONS. SUBMIT A DEMOLITION PLAN INDICATING PROCEDURES AND OPERATIONAL SEQUENCING FOR REVIEW AND ACCEPTANCE BY THE OWNER AND ARCHITECT.



3 UPPER LEVEL PLAN
SCALE: 1/4" = 1'-0"

FLOOR PLAN LEGEND

- BULLNOSE CMU OUTSIDE CORNER
- CORNER GUARD (CG)
- FLOOR DRAIN, SEE PLUMBING
- FLOOR CLEAN OUT, SEE PLUMBING

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM
REMODEL

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SHEET TITLE
DEMOLITION AND FLOOR PLANS

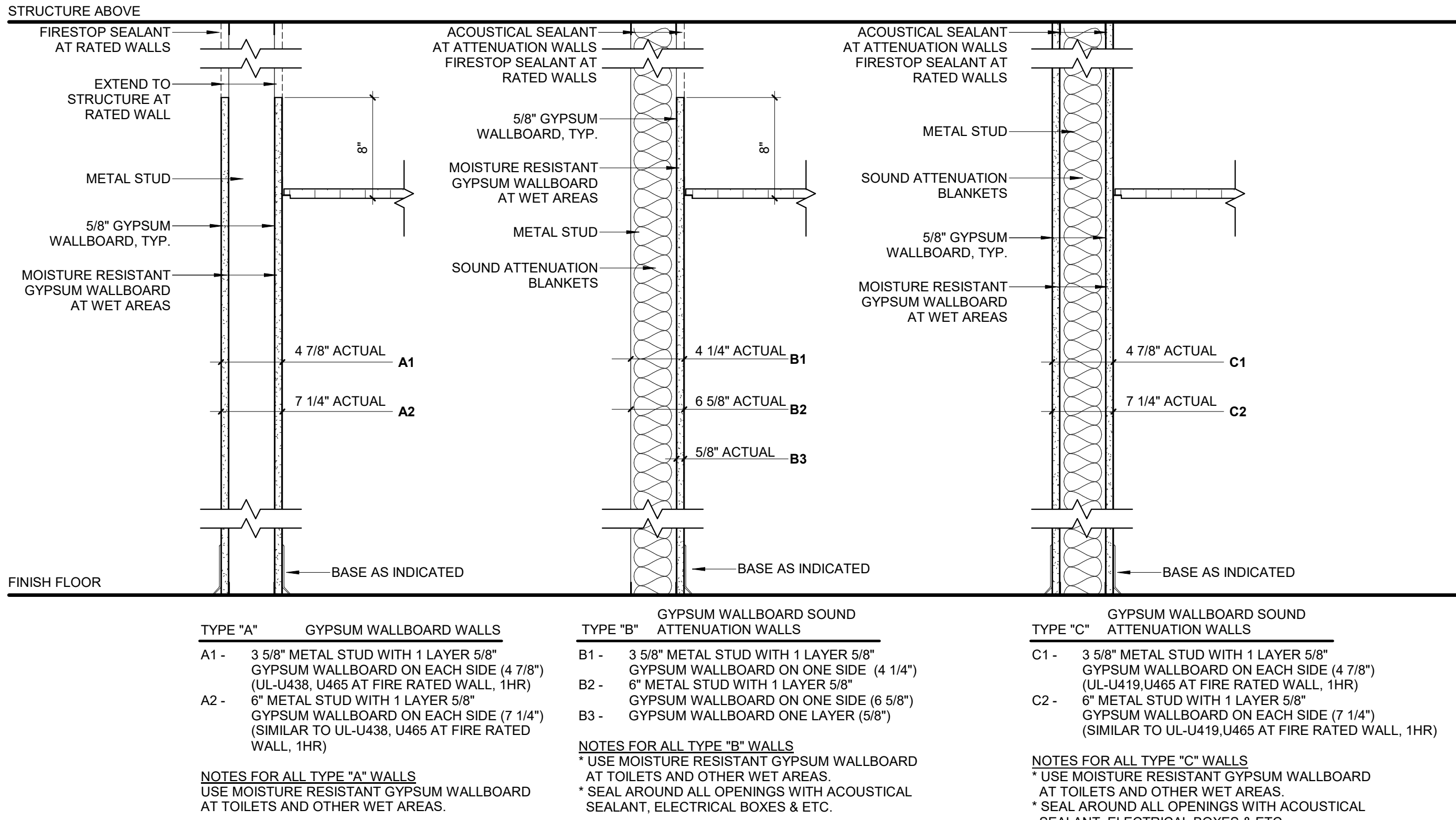
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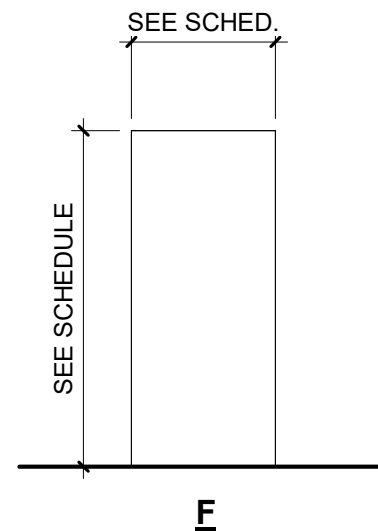
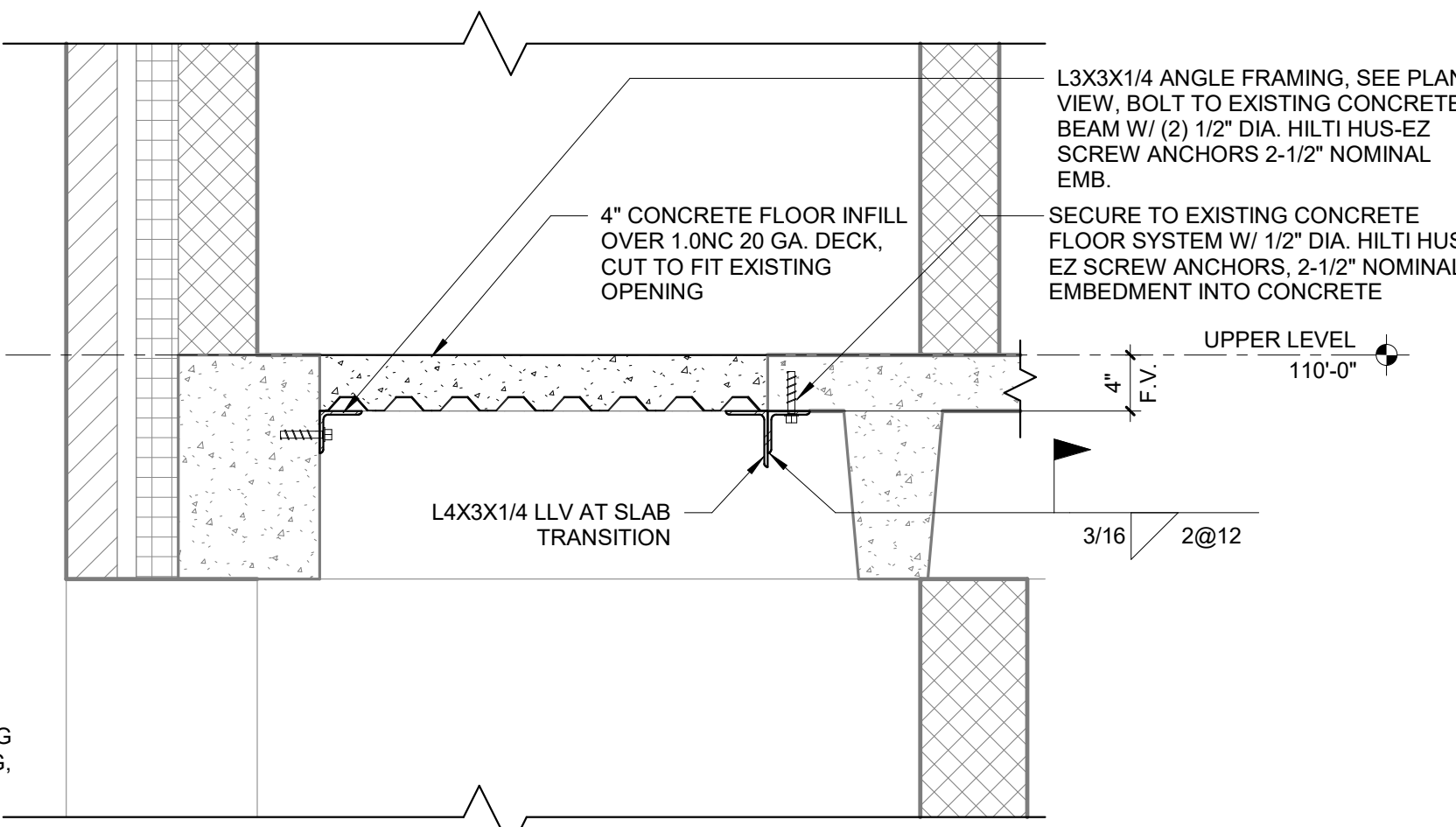
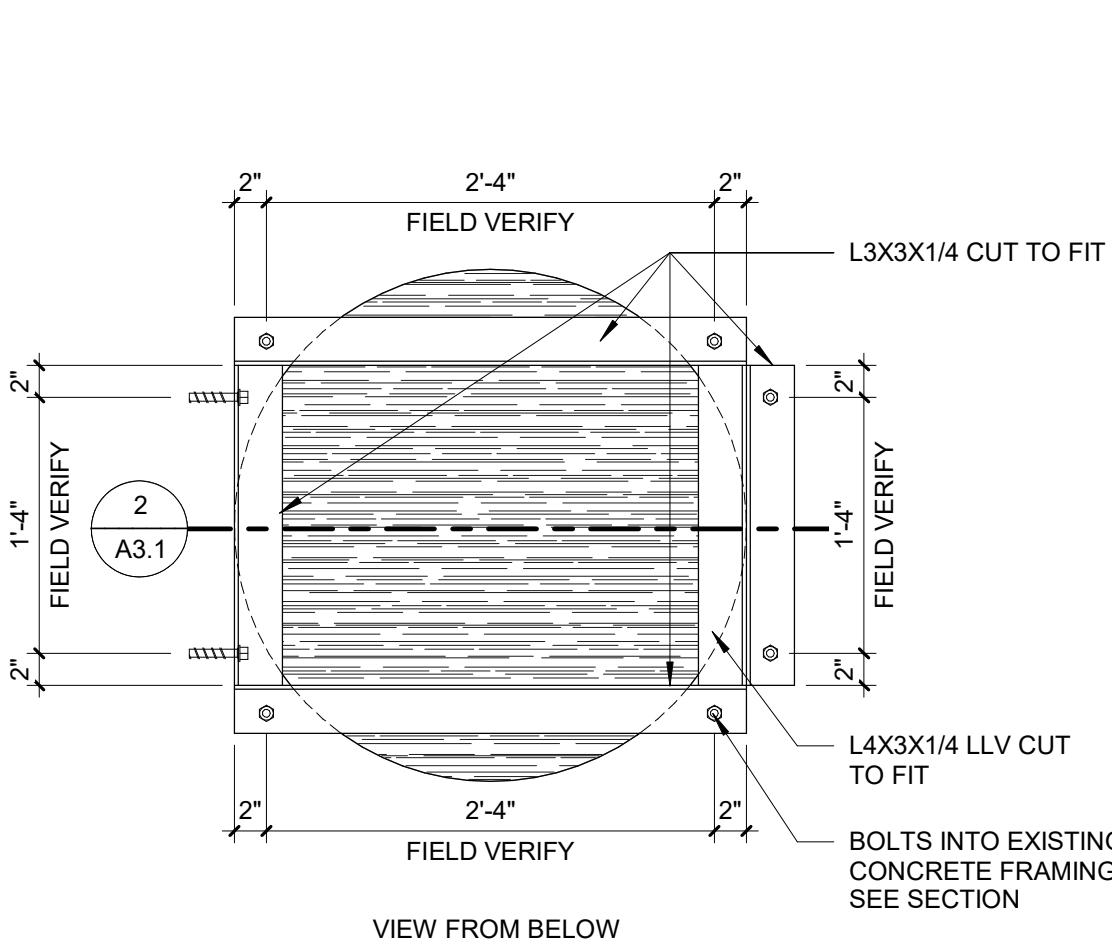
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WALL TYPES

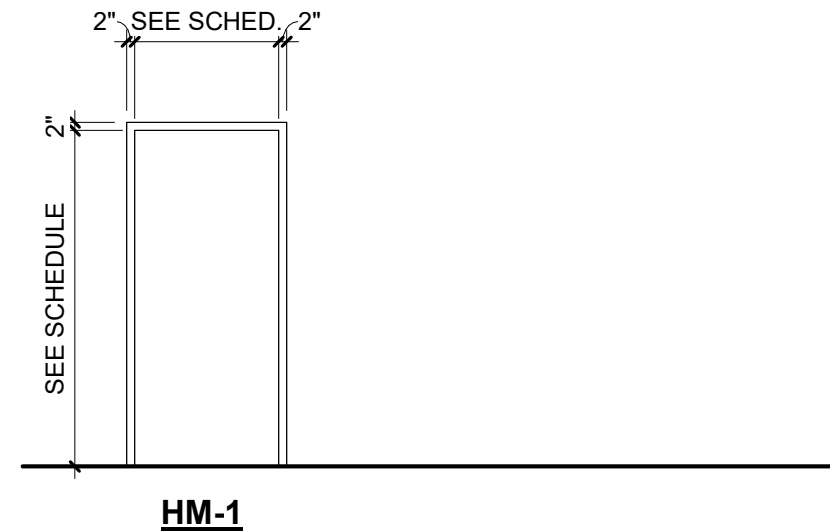
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NOTE: REFER TO UL FIRE-RESISTANCE DESIGN FOR ADDITIONAL INFORMATION AT FIRE RATED WALLS



DOOR TYPE ELEVATIONS

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



FRAME TYPE ELEVATIONS - HM

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

DOOR NOTES

- ALL DOORS TO BE 1-3/4" THICK U.N.O.
- ADJUST DOOR CLOSERS SO THAT MAXIMUM EFFORTS TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR INTERIOR DOORS (EXCEPT FIRE DOORS) AS PER STATE HANDICAP REQUIREMENTS.
- MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE FOR ALL RATED DOOR ASSEMBLIES.

HARDWARE SETS

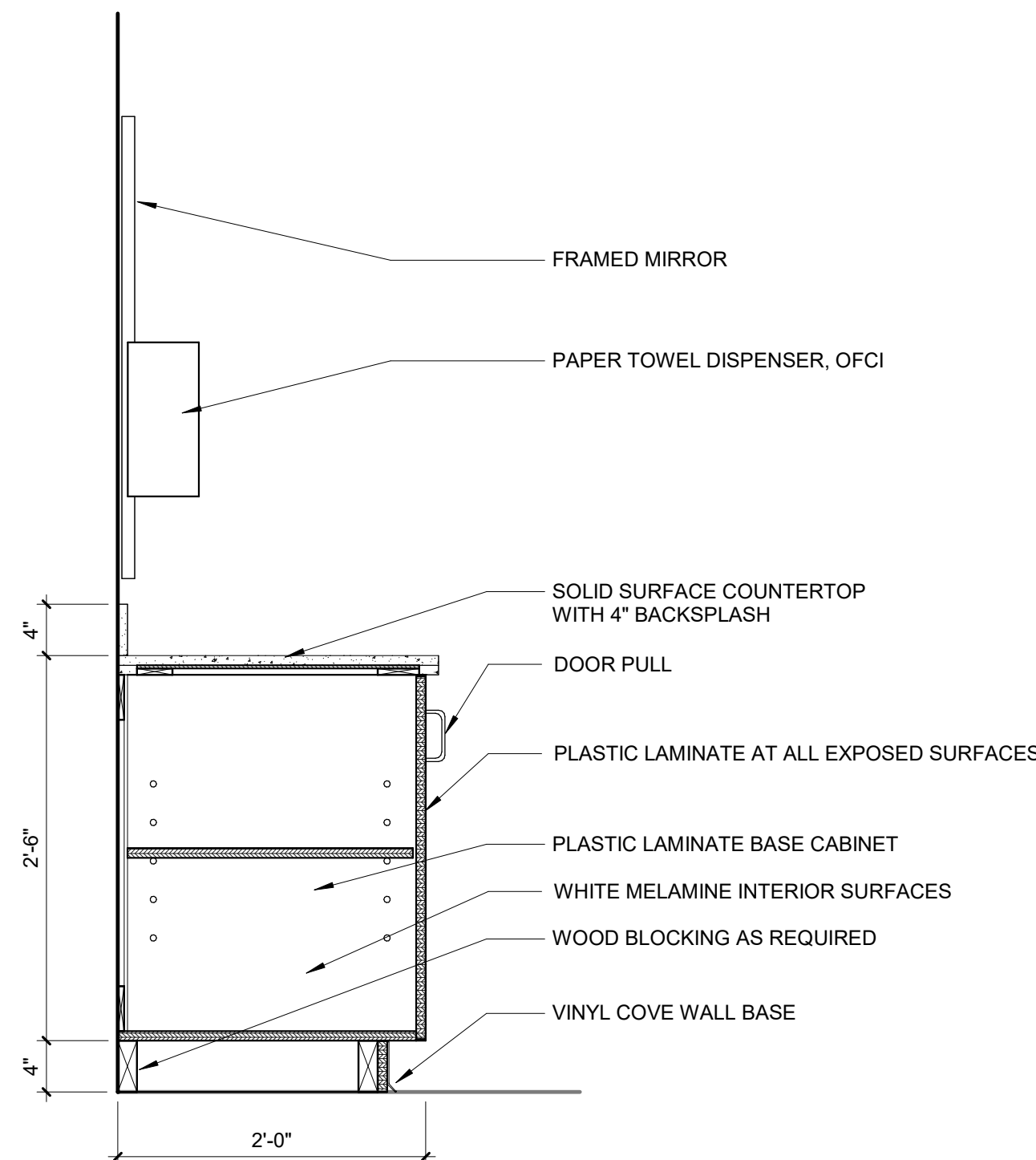
- SET 01: HINGES
PRIVACY LOCKSET
SOUND SEALS
WALL STOP
- SET 02: HINGES
PRIVACY LOCKSET
SOUND SEALS
OVERHEAD STOP
- SET 03: HINGES
PASSAGE LATCHSET
OVERHEAD STOP
- SET 04: HINGES
PUSH PLATE/PULL HANDLE
SOUND SEALS
WALL STOP

COMMENTS

- INSTALL TOWEL BAR ON ROOM SIDE OF DOOR.
- REUSE SALVAGED PUSH PLATE AND PULL HANDLE.

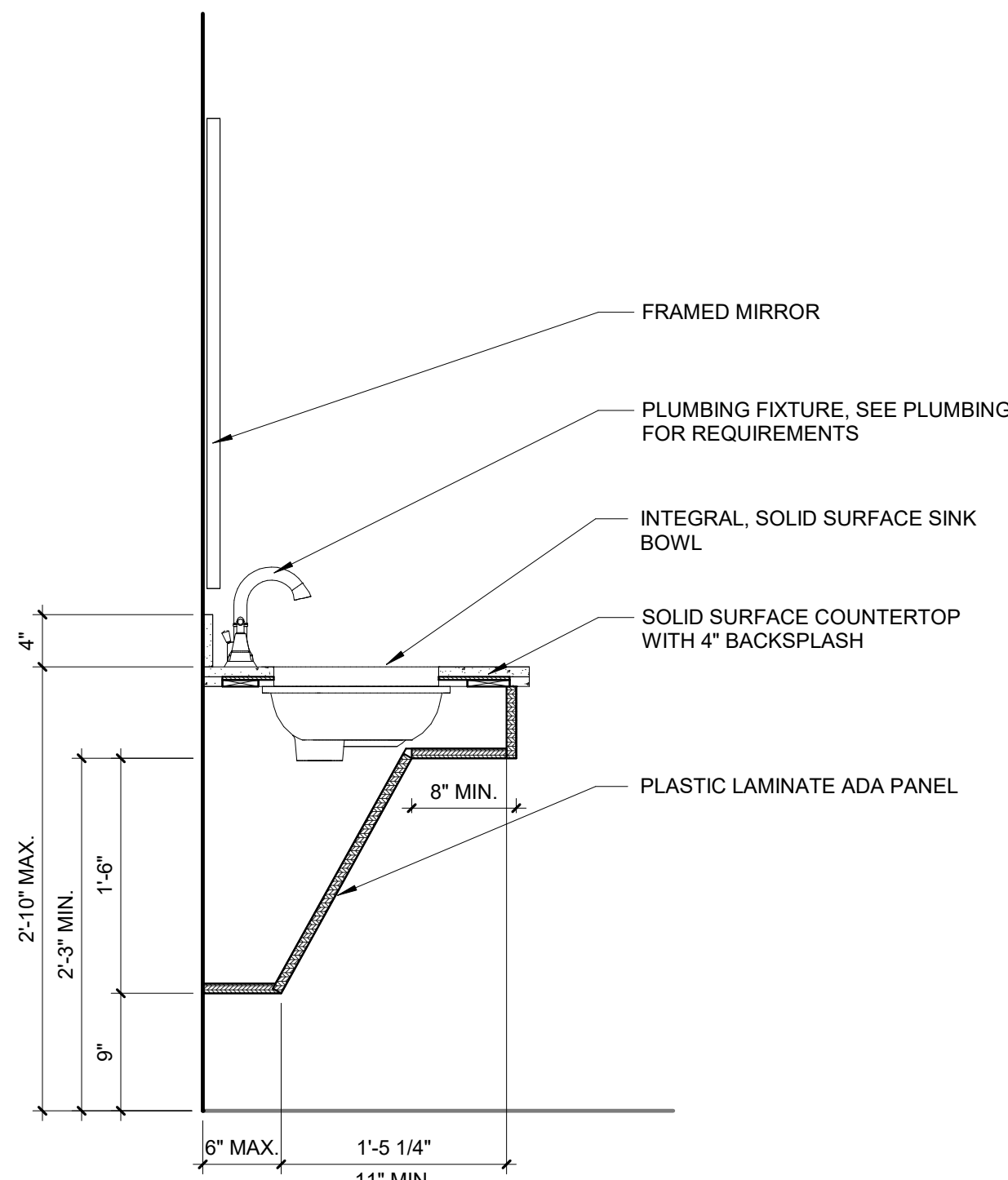
MATERIAL

- AL ALUMINUM
HM-G HOLLOW METAL - GALVANIZED
HM HOLLOW METAL
SS STAINLESS STEEL
ST STEEL
WD WOOD



3 TYPICAL BASE CABINET

SCALE: 1" = 1'-0"



4 TYPICAL ADA SINK BASE

SCALE: 1" = 1'-0"

DOOR SCHEDULE										
NUMBER	DOOR SIZE		DOOR TYPE	DOOR MATERIAL	FRAME SIZE		FRAME TYPE	FIRE RATING	HARDWARE SET	COMMENTS
	WIDTH	HEIGHT			WIDTH	HEIGHT				
202	3'-0"	7'-0"	F	WD	3'-4"	7'-2"	HM-1		01 1	
204	3'-0"	7'-0"	F	WD	3'-4"	7'-2"	HM-1		01 1	
205	3'-0"	7'-0"	F	WD	3'-4"	7'-2"	HM-1		01	
206	3'-0"	7'-0"	F	WD	3'-4"	7'-2"	HM-1		01	
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222	3'-0"	7'-0"	F	WD	3'-4"	7'-2"	HM-1		01 1	

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REMODEL

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SHEET TITLE
DOOR SCHEDULE

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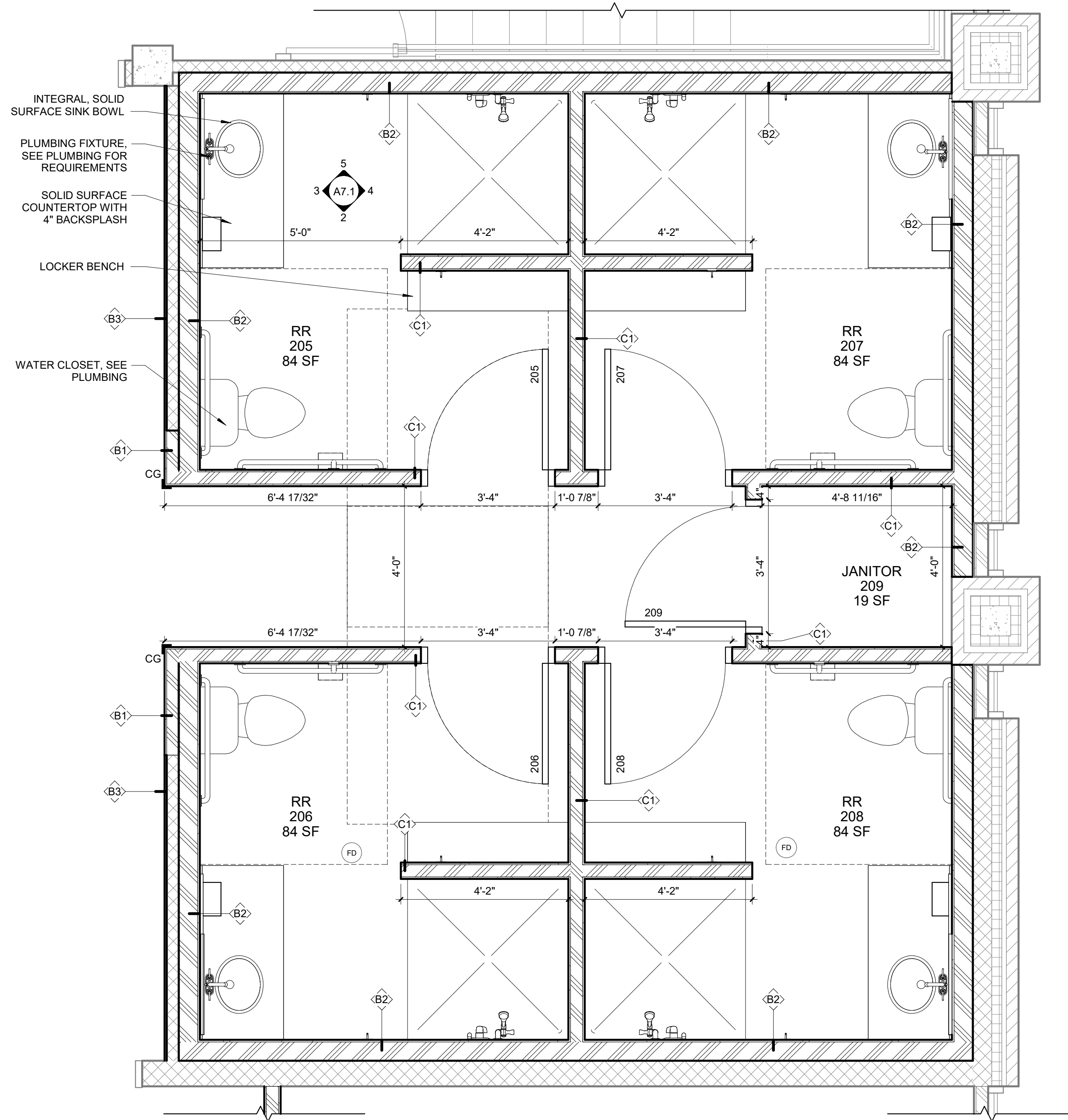
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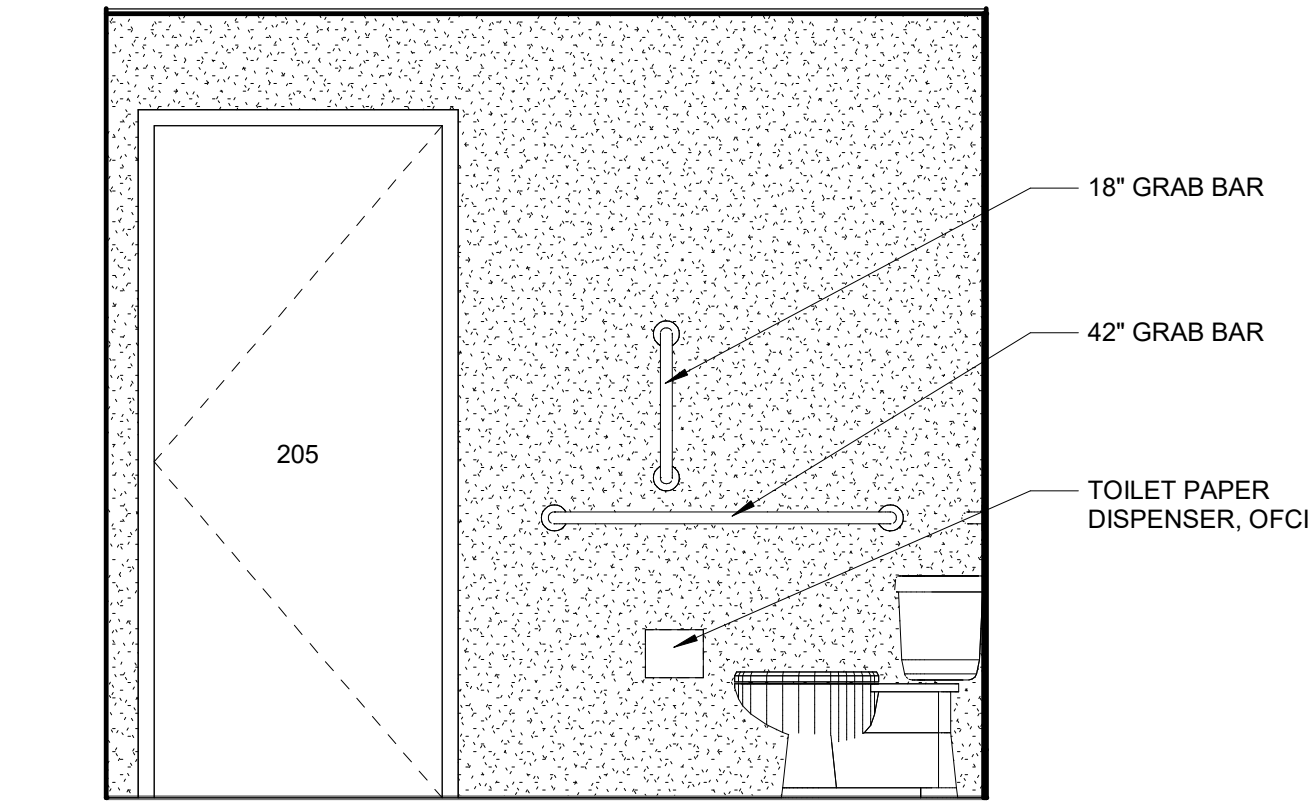
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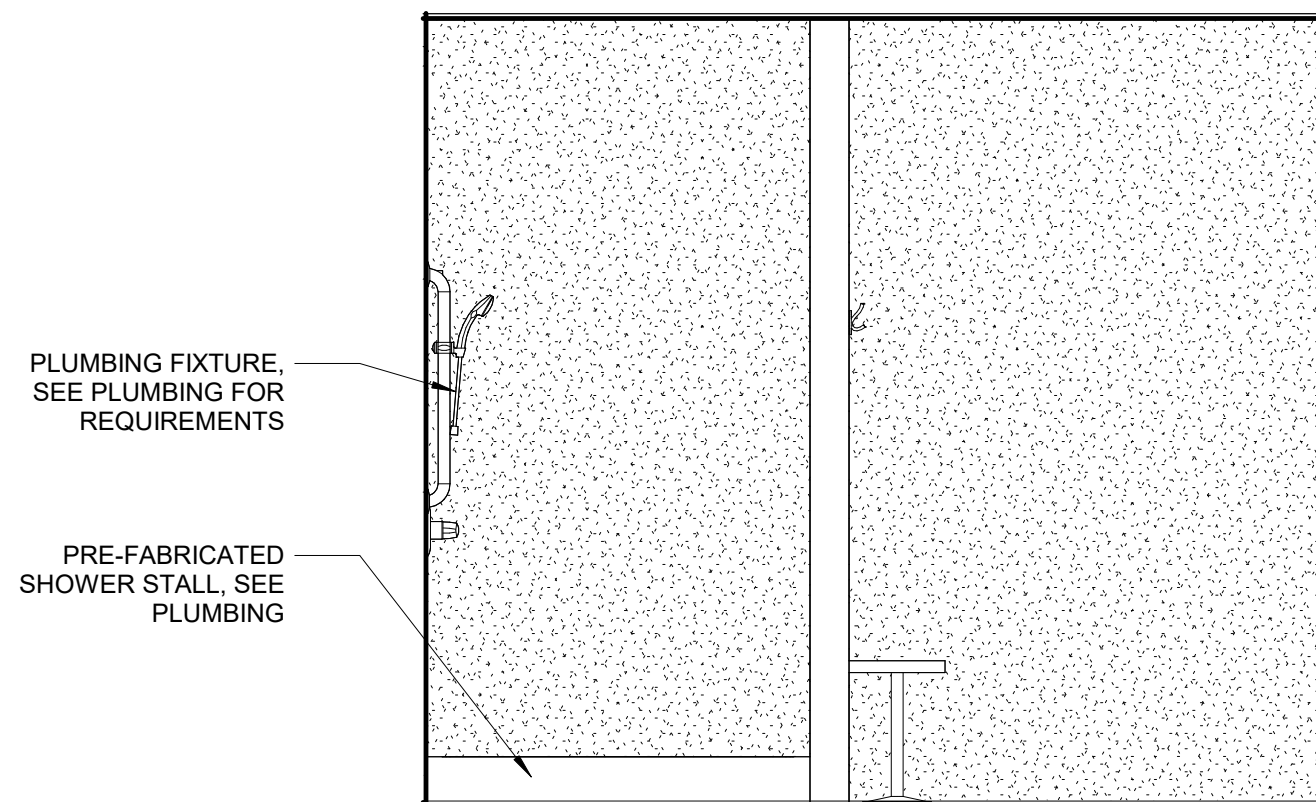
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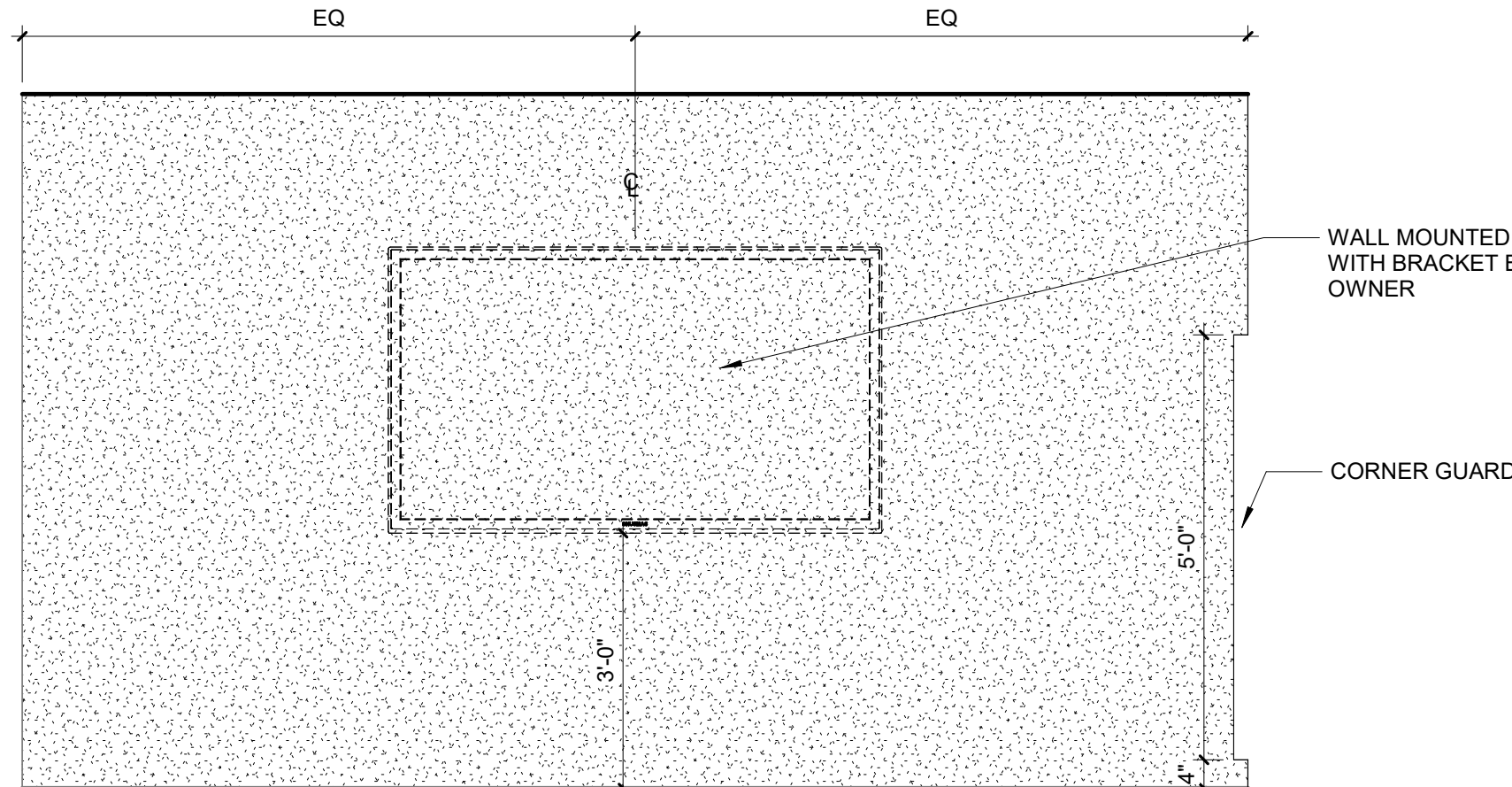
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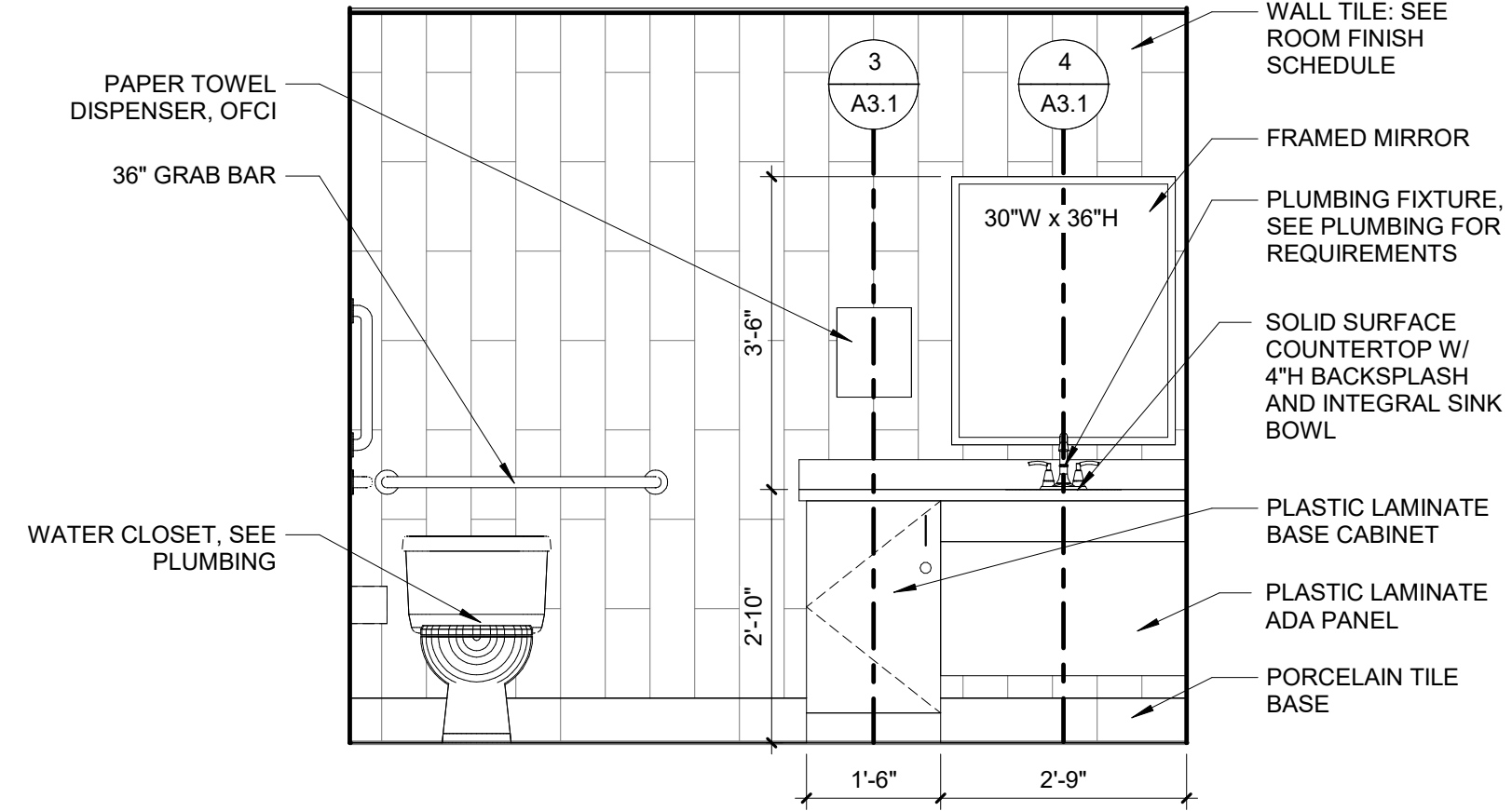
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4 RESTROOM EAST ELEVATION - TYP.
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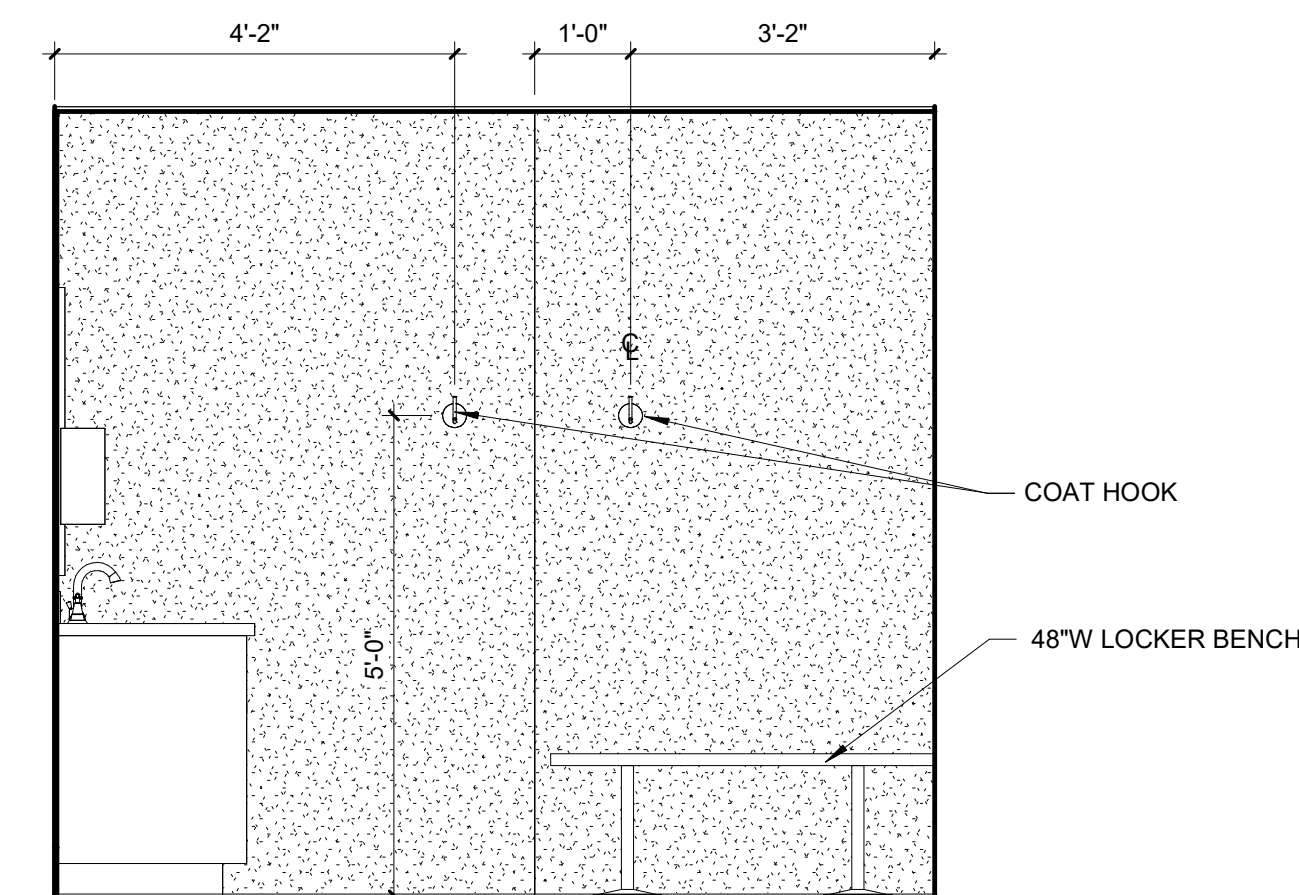


6 DEN EAST ELEVATION
SCALE: 1/2" = 1'-0"

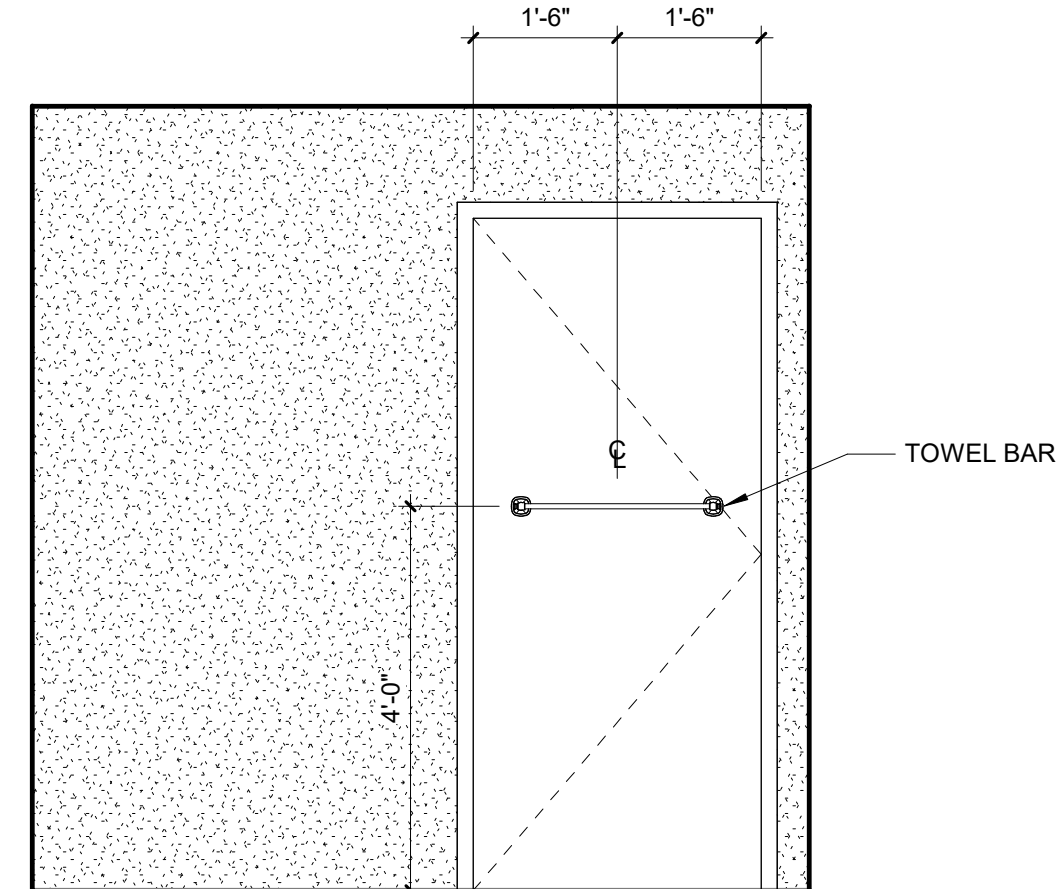


3 RESTROOM WEST ELEVATION - TYP.
SCALE: 1/2" = 1'-0"

- PLAM-1 BASE CABINET
- PLAM-1 ADA PANEL
- SSM-1 COUNTERTOP, 4" BACKSLASH
- SSM-2 INTEGRAL SINK BOWL



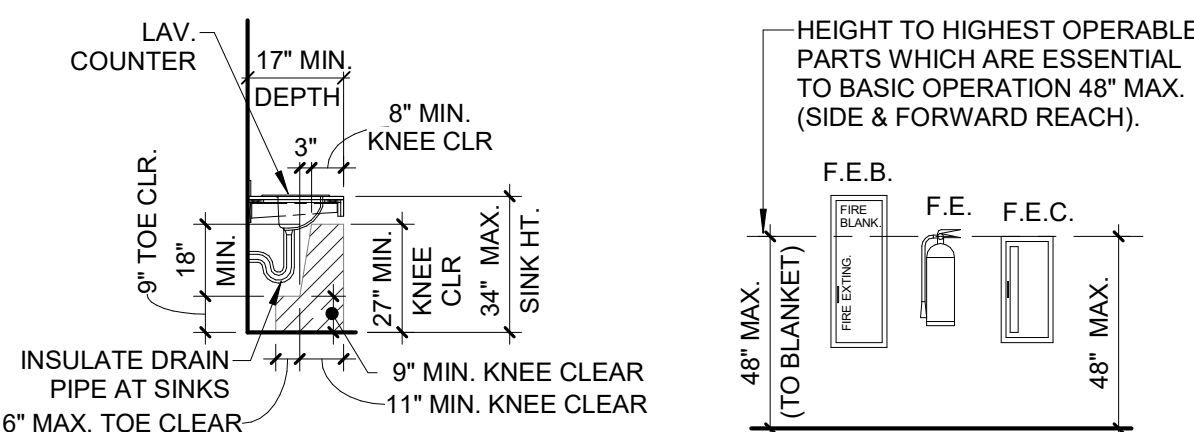
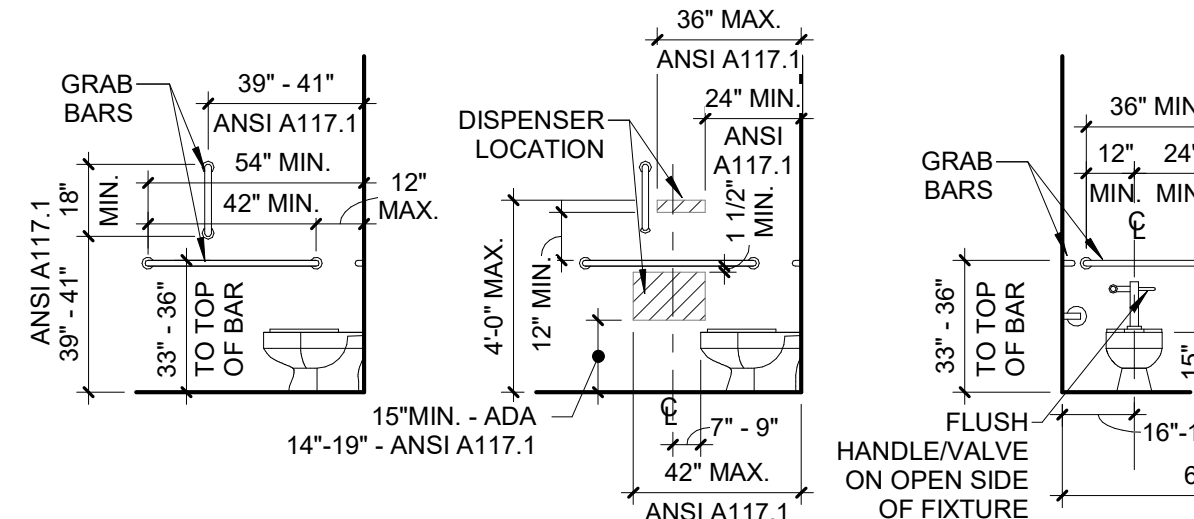
5 RESTROOM NORTH ELEVATION - TYP.
SCALE: 1/2" = 1'-0"



7 BUNK ROOM TOWEL BAR PLACEMENT - TYP.
SCALE: 1/2" = 1'-0"

ACCESSIBLE & STANDARD MOUNTING HEIGHTS - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN AND ANSI A117.1

PLUMBING FIXTURES AND ACCESSORIES FOR ADULTS

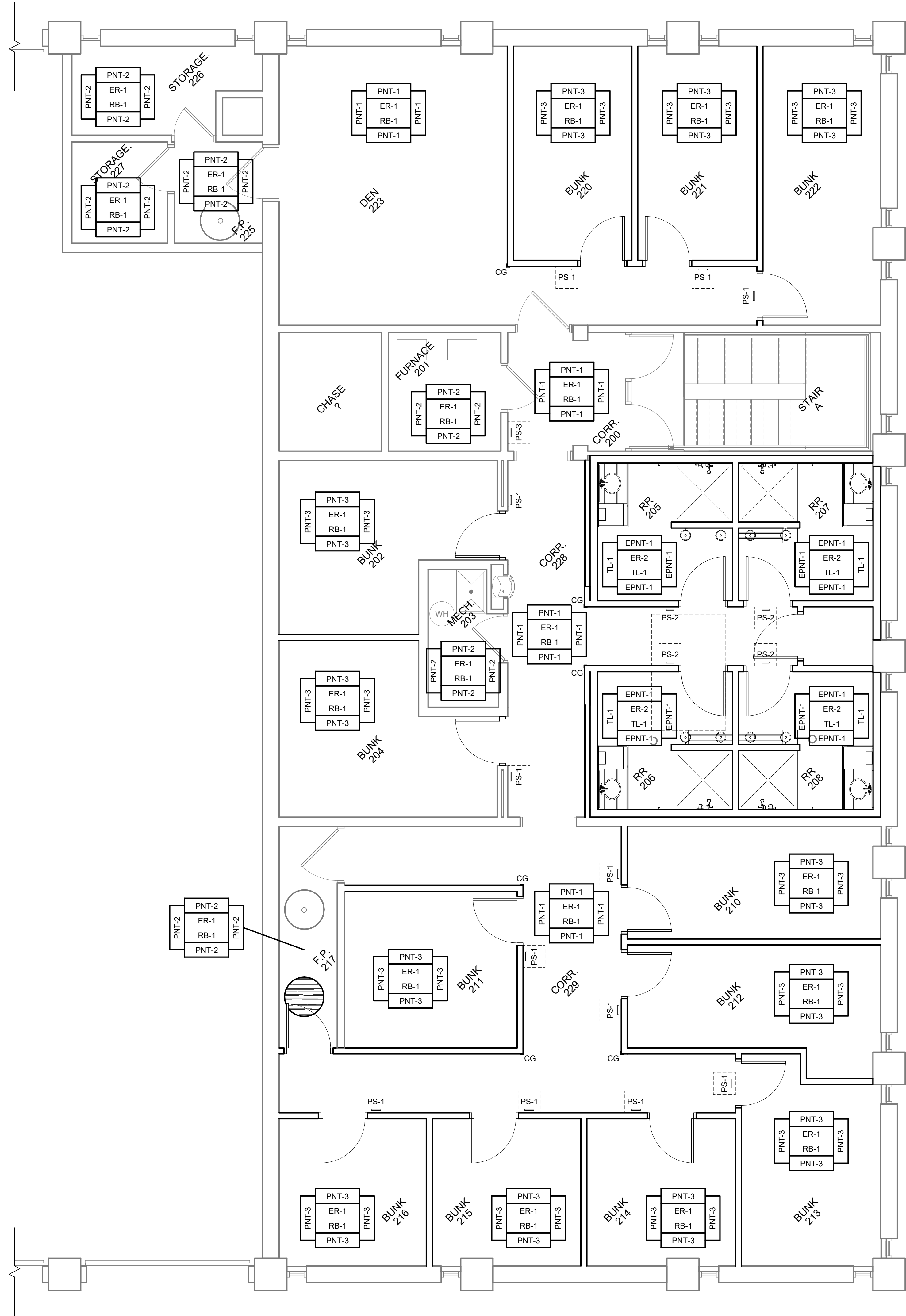


NOTE:

- REFERENCE ADA 2010 STANDARDS FOR ACCESSIBLE DESIGN FOR FURTHER INFORMATION
- ELEVATIONS SHOWN ARE FOR MOUNTING LOCATIONS ONLY AND NOT FOR SPECIFIC ROOMS. SEE ELEVATIONS ELSEWHERE FOR SPECIFIC ROOM ELEVATIONS
- ALL DIMENSIONS ARE FROM FINISHED SURFACE
- CONSULT ARCHITECT IF DISCREPANCIES ARE DISCOVERED BETWEEN THESE DIMENSIONS AND DETAIL DIMENSIONS
- REFER TO PROJECT MANUAL FOR ACCESSORY MODEL NUMBERS
- REFER TO SECTION 22 & 26 OF THE PROJECT MANUAL FOR FURTHER REQUIREMENTS
- NOT ALL ITEMS SHOWN MAY BE APPLICABLE

30" X 42" C:\Users\chaw\Documents\2026319 DBQ Fire HQ Bunkroom - R23_01nsd\SSZG\nt

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1 UPPER LEVEL FINISH PLAN
SCALE: 1/4" = 1'-0"

ROOM FINISH LEGEND

FLOORS

EPX EPOXY RESIN
EXIST EXISTING FLOOR TO REMAIN
SC SEALED CONCRETE

WALL

PNT EPOXY PAINT
TL PAINT
TL WALL TILE

BASE

RB RESILIENT BASE
TL TILE BASE

OTHER

ACT ACOUSTIC CEILING TILE
PLAM PLASTIC LAMINATE
CG CORNER GUARD
SSM SOLID SURFACE MATERIAL

ROOM FINISH NOTES

- FOLLOW ALL PRODUCT MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- ALL GYPSUM BOARD CEILING REQUIRING A PAINTED FINISH TO BE PNT-1 (FLAT FINISH) - UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLAN.
- SMALL GYPSUM BOARD SOFFIT HORIZONTAL SURFACES (LESS THAN 8" WIDE) TO BE PAINTED TO MATCH THE ADJACENT VERTICAL WALL SURFACE - UNLESS NOTED OTHERWISE.
- PAINT ALL GRILLS, ELECTRICAL PANELS, HATCHES, ETC IN WALLS AND CEILINGS TO MATCH ADJACENT WALL/CEILING FINISH.
- WHERE FLOOR MATERIALS CHANGE FROM ONE ROOM TO THE NEXT, CENTER THE TRANSITION UNDER THE DOOR.
- PAINT FINISHES:
 - WALLS: EGGSHELL FINISH
 - CEILING: FLAT FINISH
 - AT WATER CLOSET, URINALS, SHOWERS AND SERVICE SINKS: EPOXY PAINT ENTIRE WALL SURFACE OF WALLS WITHIN 2 FEET OF THESE FIXTURES. ALL OTHER WALLS SATIN, EGGSHELL FINISH
 - HOLLOW METAL FRAMES AND DOORS: SEMI-GLOSS FINISH
 - INTERIOR WOOD MOULDINGS, TRIM, FLOOR BASE, DOORS/FRAMES, CASING, ETC THAT REQUIRE A PAINT FINISH: SEMI-GLOSS FINISH
- SUBMIT DRAW-DOWNS OF ALL PAINTS AND SAMPLES OF ALL OTHER FINISHES FOR APPROVAL.
- WHERE FLOOR MATERIALS CHANGE FROM ONE ROOM TO THE NEXT CENTER THE TRANSITION UNDER THE DOOR.
- WHERE A FLOORING TRANSITION HAPPENS THAT DOES NOT MEET ADA REQUIREMENTS, INSTALL LEVELING COMPOUND TO ENSURE THE TRANSITIONAL WILL MEET ADA REQUIREMENTS. IF CARPET IS ONE OF THE FLOORING FINISHES ACCOUNT FOR THE COMPRESSED HEIGHT OF THE CARPET.
- PATTERN DIRECTION NOTED ON THE PLAN INDICATED DESIGNER'S PREFERRED DIRECTION OF FLOORING MATERIAL. FLOORING INSTALLER TO ADVISE WHETHER OTHER INSTALLATION METHODS PROVIDED ENHANCED PERFORMANCE OR VISUAL RESULTS.
- FLOOR MATERIALS CONTINUE UNDER SOME SCHEDULED MILLWORK AND SOME MILLWORK WILL BE INSTALLED ON TOP OF FINISHED FLOORING. COORDINATE WITH MILLWORK CONTRACTOR.
- FINISHES FOR CLOSETS AND AREAS NOT SHOWN SHALL RECEIVE THE SAME FINISH TO THAT OF THE ADJACENT ROOM.
- CONCRETE FLOORS THAT ARE NOT SCHEDULED FOR A FINISH FLOOR MATERIAL SHALL RECEIVE SEALER PER THE OUTLINE SPECIFICATIONS.
- CONCRETE FLOORS ARE TO BE CLEANED OF ALL FOREIGN MATERIAL PRIOR TO THE APPLICATION OF THE SEALER.
- PROVIDE EXPANSION JOINTS AT ALL SLAB EDGES AGAINST EXTERIOR WALLS. REFER TO STRUCTURAL.
- SLOPE INTERIOR FLOOR SLAB TO DRAIN AT 1/8" PER FOOT WHERE SLOPED SLABS ARE INDICATED, U.N.O.
- FLOOR SLAB TO BE SLOPED DOWN AROUND DRAINS WHERE FLOOR SLAB IS NOT INDICATED TO BE SLOPED, EXCEPT IN RESTROOMS WITH TILE. IN RESTROOMS WITH TILE, INSTALL DRAIN TO BE FLUSH WITH ADJACENT FLOOR TILE. REFER TO MECHANICAL DRAWINGS FOR ALL FLOOR DRAINS.
- FLOOR DRAINS AND TRENCH DRAINS INDICATED FOR LOCATION AND CONFIGURATION ONLY, REFER TO MECHANICAL DRAWINGS FOR PRODUCT AND PIPING INFORMATION.
- JOINT LAYOUT LOCATIONS SHOWN ARE FOR BIDDING PURPOSES ONLY. VERIFY LAYOUT / LOCATIONS WITH ARCHITECT PRIOR TO BEGINNING WORK AND SUBMIT JOINT LAYOUT DRAWING FOR APPROVAL.
- VERIFY WALL AND FLOOR TILE PATTERN LAYOUT WITH INTERIOR DESIGNER PRIOR TO BEGINNING WORK.
- FLOOR TILE JOINTS ARE TO ALIGN WITH WALL TILE JOINTS. WHERE FLOOR AND WALL TILE JOINTS DO NOT ALIGN, CUT FLOOR TILES AT MIDDLE OF THE RUN OR AT THE DOOR, OR AS SHOWN ON FLOOR FINISH PLANS. IF DISCREPANCY IS FOUND, CONTACT INTERIOR DESIGNER BEFORE LAYING TILE.
- AT WALLS WITH TILE, WALL BASE TO BE TILE.

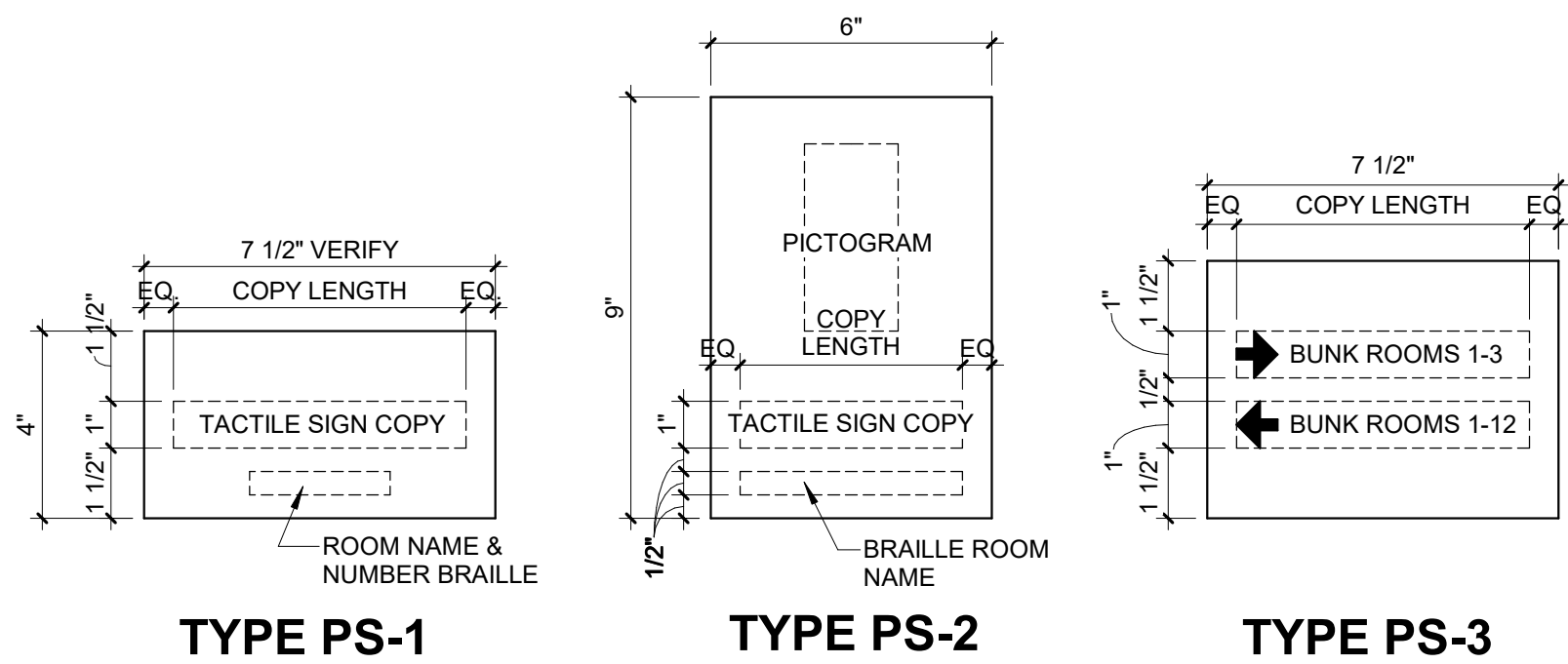
WALL FINISH NOTES

- GYPSUM BOARD IN TOILET ROOMS TO BE NATIONAL GYPSUM "XP" MOISTURE, MOLD AND MILDEW RESISTANT GYPSUM BOARD (OR EQUAL).
- LIGHT ORANGE PEEL FINISH TYPICAL AT ALL GYPSUM BOARD SURFACES UNLESS NOTED OTHERWISE. PROVIDE A SPRAY TEXTURE FINISH FOR OWNER REVIEW AND APPROVAL.
- SOUND BATT INSULATION TO BE SOUND ATTENUATION FIBERGLASS BATTS BY OWENS CORNING (OR EQUAL) IN THICKNESS TO FILL STUD CAVITY.
- PROVIDE CONTROL JOINTS AT WALLS AS INDICATED ON PLANS AND/OR WHERE A PARTITION OR FURRING RUN EXCEEDS 30 FT. COORDINATE LOCATIONS WITH PRIMUS CONSTRUCTION.
- ALL SURFACES WITH A PAINT FINISH TO RECEIVE (1) COAT OF PRIMER/SEALER AND (1) COAT OF FINISH PAINT (MINIMUM).
- WALL SURFACES WITH A PAINT FINISH WITHIN 2 FEET OF WATER CLOSETS, URINALS, AND SERVICE SINKS TO BE AN EPOXY PAINT TO PROVIDE A SMOOTH, HARD, NONABSORBENT FINISH PER CHAPTER 12 OF THE INTERNATIONAL BUILDING CODE.

SIGNAGE SCHEDULE					
ROOM	ROOM NAME	SIGN TYPE	PICTOGRAM	MOUNTING	SIGNAGE COPY
201	FURNACE	PS-3	--	WALL	
202	BUNK	PS-1	--	WALL	BUNK ROOM 4
204	BUNK	PS-1	--	WALL	BUNK ROOM 5
205	RR	PS-2	ADA TOILET, SHOWER	WALL	RESTROOM 1
206	RR	PS-2	ADA TOILET, SHOWER	WALL	RESTROOM 2
207	RR	PS-2	ADA TOILET, SHOWER	WALL	RESTROOM 3
208	RR	PS-2	ADA TOILET, SHOWER	WALL	RESTROOM 4
210	BUNK	PS-1	--	WALL	BUNK ROOM 6
211	BUNK	PS-1	--	WALL	BUNK ROOM 7
212	BUNK	PS-1	--	WALL	BUNK ROOM 8
213	BUNK	PS-1	--	DOOR	BUNK ROOM 9
214	BUNK	PS-1	--	WALL	BUNK ROOM 10
215	BUNK	PS-1	--	WALL	BUNK ROOM 11
216	BUNK	PS-1	--	WALL	BUNK ROOM 12
220	BUNK	PS-1	--	WALL	BUNK ROOM 1
221	BUNK	PS-1	--	WALL	BUNK ROOM 2
222	BUNK	PS-1	--	DOOR	BUNK ROOM 3

SIGNAGE NOTES

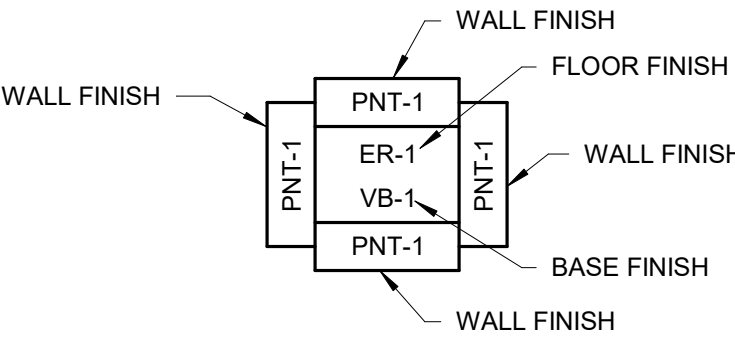
- OWNER TO CONFIRM ALL SIGNAGE COPIES DURING SHOP DRAWINGS.
- ALL SIGNAGE LOCATIONS TO BE VERIFIED BY OWNER AT THE TIME OF INSTALLATION.



2 SIGNAGE TYPES
SCALE: 3" = 1'-0"

EDIT

FINISH PLAN SYMBOL KEY



NOTE: WALL FINISH INDICATES FINISH ON WALL IN THE DIRECTION OF INDICATOR.

FINISHES & MATERIALS SELECTIONS

06 41 00 ARCHITECTURAL CASEWORK

PLAM-1 WILSONART, LOWELL ASH 7994-38

08 14 16 FLUSH WOOD DOORS

STAIN TO MATCH EXISTING WOOD DOORS

09 30 00 TILING

TL-1 DAL TILE, VOLUME 1.0, COLOR: STEREO GREY, SIZE: 6" X 24", INSTALLATION: VERTICAL ASHLAR, GROUT COLOR: TBD (TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS)

TL-1 (WALL BASE) DAL TILE, VOLUME 1.0, COLOR: STEREO GREY, SIZE: 6" X 24", INSTALLATION: HORIZONTAL, FINISH WITH SCHLUTER ON WALLS WITHOUT WALL TILE, GROUT COLOR: TBD (TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS)

09 51 13 ACOUSTICAL PANEL CEILINGS

SEPARATE CONTRACT, NOT IN SCOPE

09 65 13 RESILIENT BASE & ACCESSORIES

RB-1 TARKETT, JOHNSONITE, 4" COVE BASE, COLOR: MATCH EXISTING

09 67 23 RESINOUS FLOORING

ER-1 TORGINOL FLAKE BLEND, COLOR: DOVETAIL FB-823, SIZE: 1/4", TOP COAT: SHERWIN WILLIAMS, 3746 CLEAR (1 COAT)

ER-2 TORGINOL FLAKE BLEND, COLOR: DOVETAIL FB-823, SIZE: 1/4", TOP COAT: SHERWIN WILLIAMS, 5191 NONSKID ADDITIVE

09 90 23 PAINTING

PNT-1 SHERWIN WILLIAMS, EIDER WHITE SW 7014, PER ROOM FINISH PLAN
PNT-2 SHERWIN WILLIAMS, FRONT PORCH SW 7651, PER ROOM FINISH PLAN
PNT-3 SHERWIN WILLIAMS, SEA SALT SW 6204, PER ROOM FINISH PLAN
PNT-4 SHERWIN WILLIAMS, TRICORN BLACK SW 6255, HM DOOR FRAMES
EPNT-1 SHERWIN WILLIAMS, EIDER WHITE SW 7014, PER ROOM FINISH PLAN

10 14 00 SIGNAGE

PS ASI SIGNAGE, ACRYLIC PANEL W/ RASTER BRAILLE, PANEL COLOR: BLACK SC-905, FONT: IVORY MX01

10 26 00 WALL PROTECTION

CG INPRO, 160 HIGH IMPACT CORNER GUARD, COLOR: WHITE SAND 0103, SIZE: 60"H, MOUNTED 4"H A.F.F.

10 28 00 TOILET & BATH ACCESSORIES (BASIS OF DESIGN)

BOBRICK, SURFACE-MOUNTED TOWEL BAR, ROUND BAR B-674, FINISH: SATIN, SIZE: 24"W, MOUNTED 48"H A.F.F.

BOBRICK, SURFACE-MOUNTED HAT AND COAT HOOK B-6827, FINISH: SATIN, MOUNTED 60"H A.F.F.

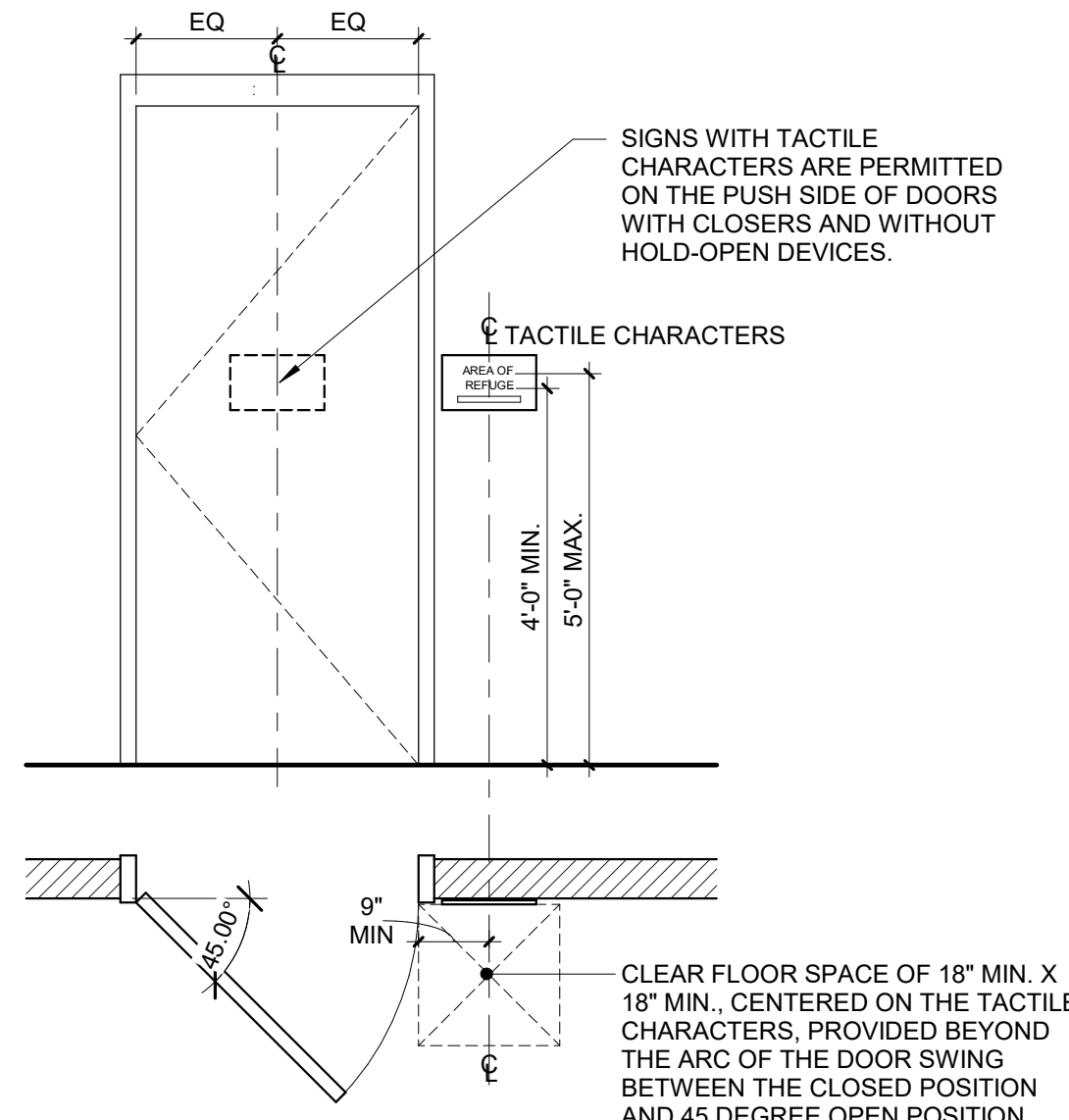
ASI STORAGE SOLUTIONS, TUBE PEDESTAL

ASI STORAGE SOLUTIONS, PLASTIC BENCH TOP, COLOR: DARK GREY 3871, SIZE: 48"L x 12"W

12 36 00 COUNTERTOPS

SSM-1 WILSONART, ANGEL FALLS 9223SS

SSM-2 WILSONART, OVAL ADA VANITY BOWL AV1512, COLOR: DESIGNER WHITE



3 TYPICAL SIGNAGE MOUNTING LOCATION
SCALE: 1/2" = 1'-0"

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM
REMODEL

11 WEST 9TH STREET, DUBUQUE, IA 52001

DATE ISSUED 06-16-2026

REV. NO. DATE

PROJECT NUMBER

2026319

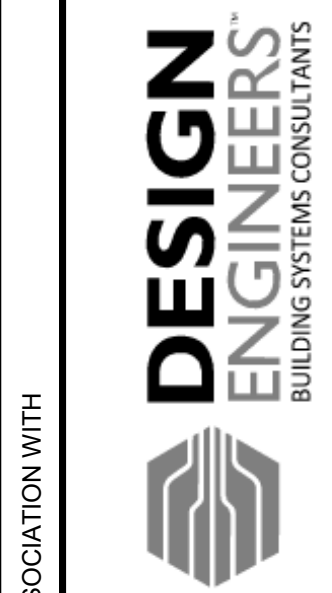
SHEET

A9.1

IN ASSOCIATION WITH

SHEET TITLE

UPPER LEVEL ROOM FINISH PLANS



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PLUMBING ABBREVIATIONS

(NOTE: ALL ABBREVIATIONS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

*** ABBREVIATIONS ***

ACU	AREA DRAIN
AD	AIR COMPRESSOR UNIT
AFF	ABOVE FINISHED FLOOR
B	BOILER
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE
BPD	BACKFLOW PREVENTION DEVICE
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CO	CLEANOUT
CVU	CENTRAL VACUUM UNIT
DAD	DESICCANT AIR DRYER
DF	DRINKING FOUNTAIN
DIU	DEIONIZATION UNIT
DWP	DRAINAGE WATER PUMP
ECM	ELECTRICALLY COMMUTATED MOTOR
EEWEW	EMERGENCY EYEWASH
ESESH	EMERGENCY SHOWER
ESE	EMERGENCY SHOWER/EYEWASH
ETIETK	EXPANSION TANK
ETR	EXISTING TO REMAIN
EWK	ELECTRIC WATER COOLER
EWK	ELECTRIC WATER HEATER
EWT	ENTERING WATER TEMPERATURE
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FRT	FEMALE PIPE THREAD
FS	FLOOR SINK
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
FWE	FURNISHED WITH EQUIPMENT
GA	GAUGE
GD	GARABAGE DISPOSER
GEN	GENERATOR
GW	GAS WATER HEATER
HUM	HUMIDIFIER
HWDRSP	HOT WATER CIRCULATING PUMP
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN WC	INCHES WATER COLUMN
INS	INSULATION
IP	INTERNET PROTOCOL
ISO	ISOMETRIC
L/LAV	LAVATORY
LT	LAUNDRY TUB
LEAVING WAT	LEAVING WATER TEMPERATURE
MBH	BRITISH THERMAL UNIT (1000HR)
MCA	MINIMUM CIRCUIT AMPACITY
MFS	MAX FUSE SIZE
MOP/MOPD	MAX OVER-CURRENT PROTECTIVE DEVICE
MOPD	
MTT	MALE PIPE THREAD
MS	MOP SINK
NC	NORMALLY CLOSED
NGU	NITROGEN GENERATOR
NIC	NOT IN CONTRACT
NO	NORMALLY OPENED
OD	OUTSIDE DIAMETER
OFCD	OWNER FURNISHED CONTRACTOR INSTALLED
OFCD	OWNER FURNISHED OWNER INSTALLED
PCW	PROCESS WATER PUMP
PH	PHASE
POE	POWER OVER ETHERNET
PPA	AIR PRESSURE REGULATOR
PRV	PRESSURE REDUCING VALVE
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAUGE
PT	PLUMBING TRANSFORMER
PWP	PURE WATER PUMP
RAD	REFRIGERATED AIR DRYER
RD	ROOF DRAIN
RECIRC	RECIRCULATE (ING)
RLA	RUNNING LOAD AMPS
ROU	REVERSE OSMOSIS UNIT
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
RTK	RECEIVER TANK
RWP	RECIRCULATING PUMP
S	SINK
SA	SUPPLY WATER HAMMER ARRESTOR
SH	SHOWER
SI	SOLIDS INTERCEPTOR
SIP	SUMP PUMP
SP	SUMP PUMP
SWH	STEAM WATER HEATER
SWP	SEWAGE PUMP
TAB	TESTING & BALANCING
TD	TRENCH DRAIN
TYP	TYPICAL
UR	URINAL
VB	VALVE BOX
VCP	VACUUM PUMP
VFD	VARIABLE FREQUENCY DRIVE
VTK	VACUUM TANK
VTR	VENT THROUGH ROOF
W	WATTS
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR
WPB	BOOSTER WATER PUMP
WS	WATER SOFTENER
WSU	WATER SOFTENER UNIT
WTK	WATER TANK
YCO	YARD CLEANOUT

PLUMBING SYMBOLS

(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

*** PLUMBING SYMBOLS ***

----	ALL BELOW GRADE SYSTEMS
—ST—	STORM SEWER - ST
—OST—	OVERFLOW STORM SEWER - OST
—SPD—	SUMP PUMP DISCHARGE - SPD
—SAN—	SANITARY SEWER - SAN
—SAW—	ACID WASTE - AW
—SANG—	GREASE SANITARY SEWER - SANG
—V—	PLUMBING VENT, VENT - V, VENT
—VTR—	THRU ROOF - VTR, ACID VENT - AV
—CW—	COLD WATER - CW
—HW—	120° HOT WATER - HW
—HW1—	140° HOT WATER - HW1
—HWC—	HOT WATER CIRCULATING - HWC
—TW—	TEMPERED WATER - TW
—G#—	LOW PRESSURE GAS - G#
—GH—	HIGH PRESSURE GAS - G#
—A—	COMPRESSED AIR - A
○	FLOOR CLEANOUT - FCO
○ ○	YARD CLEANOUT - YCO
—	PIPE CLEANOUT - CO
+	WALL CLEANOUT - WCO
⊕ ⊞	PLUMBING DRAIN, FLOOR DRAIN - FD, FLOOR SINK - FS, AREA DRAIN - AD
⊙ ⊞	ROOF DRAIN - RD
⊙ ⊞	DOWNSPOUT - DSN
—H—	WALL HYDRANT - H
—HBB—	HOSE BIBB - H
—SH—	SHOWER - SH
—U—	UNION
—DU—	DIELECTRIC UNION
—S—	SHUT-OFF VALVE
—S—	STRAINER
—S—	ANGLE SHUT-OFF VALVE
—B—	BALANCING VALVE
—F—	FLOW CONTROL VALVE
—A—	AUTOMATIC CONTROL VALVE
—R—	RELIEF OR SAFETY VALVE
—P—	PRESSURE REDUCING VALVE
—C—	CHECK VALVE
—B—	BACKFLOW PREVENTER
—V—	VALVE IN RISER
—A—	3-WAY AUTOMATIC CONTROL VALVE
—P—	PRESSURE-TEMPERATURE RELIEF VALVE
—M—	WATER METER, GAS METER

*** TAGS ***

—	EQUIPMENT PLAN MARK PER EQUIPMENT SCHEDULE
XX-YY	XX - EQUIPMENT DESIGNATION YY - EQUIPMENT NUMBER
XX-YY	EQUIPMENT DESIGNATION PER EQUIPMENT SCHEDULE
XX-YY	FIXTURE DESIGNATION PER FIXTURE SCHEDULE
YY	SPECIAL EQUIPMENT DESIGNATION

*** PIPING SPECIALTIES ***

○	ELBOW TURNED UP OR TOWARDS
○	ELBOW TURNED DOWN OR AWAY
○	VARIABLE FREQUENCY DRIVE
○	TEE TURNED UP OR TOWARDS
○	TEE TURNED DOWN OR AWAY
○	DROP OR RISE
○	ARROW IN LINE INDICATES DIRECTION OF FLOW
○	PITCH DOWN IN DIRECTION OF ARROW
○	CAP OR PLUG
○	CONNECTION - NEW TO EXISTING

*** REFERENCE ***

—	ELECTRICAL PANEL SHOWN FOR COORDINATION
---	---

*** EQUIPMENT ***

—	EQUIPMENT SERVICE CLEARANCE
---	-----------------------------

GENERAL PLUMBING DEMOLITION NOTES:

- REFER TO DEMOLITION KEY FOR ITEMS TO BE REMOVED VERSUS ITEMS TO REMAIN.
- SHUT DOWN OF EXISTING PLUMBING SYSTEMS TO BE REQUESTED AND COORDINATED THROUGH OWNER'S REPRESENTATIVE IN ACCORDANCE WITH DIVISION 05 AND 01 SPECIFICATIONS. DOWNTIME FOR ALL SYSTEMS SHALL BE MINIMIZED.
- SCHEDULE FOR ALL WORK IMPACTING ADJACENT OCCUPIED AREAS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. WORK TO BE PERFORMED IN A MANNER THAT MINIMIZES THE INTERRUPTIONS AND INCONVENIENCE TO THE OWNER'S OCCUPANCY OF THESE SPACES.
- NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CREATING ANY SMOKE, HEAT, MOISTURE, VAPORS OR DUST AROUND ANY FIRE ALARM EQUIPMENT.
- WHERE PIPING THROUGH A FLOOR OR A WALL IS REMOVED, PATCH ALL REMAINING HOLES TO MATCH EXISTING AND TO PROVIDE THE REQUIRED FIRE RATING.
- WHERE EXISTING PIPING TO BE REMOVED IS ROUTED IN AN EXISTING WALL OR FLOOR SLAB TO REMAIN, PIPING TO BE CAPPED AND ABANDONED IN WALL OR FLOOR SLAB.
- FOR ALL WORK REQUIRED ABOVE EXISTING CEILINGS TO REMAIN, EITHER WITHIN OR OUTSIDE THE PROJECT AREA, CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL CEILING TILE AS REQUIRED TO ACCOMPLISH THE WORK. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR TYPES AND EXTENT OF BOTH EXISTING AND NEW CEILINGS THROUGHOUT PROJECT.

GENERAL PLUMBING NOTES:

- DRAWINGS ARE IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK, AND TO INDICATE THE GENERAL LOCATIONS OF EQUIPMENT, PIPING AND DUCTWORK. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LAYOUT THEIR OWN WORK ACCORDING TO THE FOLLOWING GUIDELINES:
 - CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS FOR EQUIPMENT AND ROUGH-INS AND THE EXACT ROUTING OF PIPING PRIOR TO CONSTRUCTION SO AS TO BEST FIT THE LAYOUT OF THE WORK. SPACE ABOVE CEILINGS IS EXTREMELY LIMITED; COORDINATE FINAL LAYOUT WITH ALL TRADES.
 - WHERE OFFSETS IN PIPING ARE REQUIRED TO COORDINATE THE WORK OF OTHER TRADES, WITH STRUCTURE, PIPING, CONDUIT, DUCTWORK ETC. OR TO MAINTAIN REQUIRED CEILING HEIGHTS, THEY SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 - ALL EXISTING PIPING ROUTING SHOWN IS INTENDED TO INDICATE APPROXIMATE SIZE, NUMBER, AND LOCATION OF PIPING BRANCHES FOR BIDDING PURPOSES ONLY. CONTRACTOR TO VERIFY EXACT SIZE, SERVICE, LOCATION AND CONFIGURATION PRIOR TO CONSTRUCTION.
 - UNLESS OTHERWISE NOTED, ALL PIPING TO BE ROUTED CONCEALED IN WALLS, CHASES OR ABOVE SUSPENDED CEILING. WATER PIPING SHALL NOT BE ROUTED IN EXTERIOR WALLS. COORDINATE LAYOUT WITH EXISTING CONDITIONS AND ALL OTHER TRADES. ROUTE ALL PIPING AS HIGH AS POSSIBLE AND ALONG WALLS TO MAXIMIZE SPACE AVAILABLE FOR OTHER TRADES.
 - COORDINATE ROUTING OF PIPING TO MAINTAIN ACCESS TO FILTERS, MOTORS, ELECTRICAL EQUIPMENT AND CONTROLS. IN NO CASE SHALL PIPING PASS DIRECTLY OVER ELECTRICAL PANELS OR DISCONNECTS OR RESTRICT ACCESS TO ANY ELECTRICAL EQUIPMENT INCLUDING JUNCTION BOXES.
 - VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING SYSTEMS AND COMPONENTS REQUIRING CONNECTION TO NEW PIPING PRIOR TO COMMENCING WORK.
- CUT AND PATCH WALLS AND FLOORS AS REQUIRED FOR INSTALLATION OF NEW SYSTEMS:
 - ALL OPENINGS IN CONCRETE OR MASONRY CONSTRUCTION SHALL BE CORE DRILLED OR SAW CUT. COORDINATE WITH STRUCTURE AND GENERAL CONTRACTOR AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY AND MINIMIZE SIZE OF OPENINGS.
 - SEAL AROUND ALL PIPING PENETRATIONS WITH NON-SHRINK GROUT OR SIMILAR MATERIAL WHERE PENETRATIONS ARE IN FIRE RATED CONSTRUCTION, PROVIDE FIRE STOP TO MATCH THE FIRE RATING. REFER TO ARCHITECTURAL PLANS FOR REQUIRED FIRE RATINGS. SEE DIVISION 07 SPECIFICATIONS FOR FIRE STOPPING REQUIREMENTS.
 - PATCH AND FIRESTOP ALL ABANDONED EXISTING OPENINGS.
 - WHEN PATCHING OPENINGS IN AREAS WHICH ARE NOT TO RECEIVE NEW FINISHES, PATCHING SHALL MATCH ADJACENT FINISH.
 - REFER TO ARCHITECTURAL PLANS FOR INFORMATION ON WHICH PORTIONS OF THE EXISTING STRUCTURE ARE TO BE REMOVED AND WHICH ARE TO REMAIN AS WELL AS WHICH AREAS ARE TO RECEIVE NEW FINISHES.
- BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN PIPING OR ITEMS SUCH AS UNIONS, FITTINGS, OR VALVES, OR CLEANOUTS MAY NOT BE SHOWN, BUT WHERE SUCH ITEMS ARE REQUIRED BY CODE, THE SPECIFICATIONS, OR WHERE THEY ARE REQUIRED BY THE NATURE OF THE WORK, THEY SHALL BE FURNISHED AND INSTALLED.
- UNLESS SPECIFICALLY SHOWN OTHERWISE, CLEANOUTS SHALL BE LOCATED IN WALLS. CLEANOUTS SHALL NOT BE LOCATED ABOVE CEILINGS. FOR CLEANOUTS THAT ARE REQUIRED, BUT NOT SHOWN ON PLANS, COORDINATE EXACT LOCATIONS WITH GENERAL CONTRACTOR AND DESIGN PROFESSIONAL PRIOR TO INSTALLATION. INSTALL CLEANOUTS IN WALL AT 30" A.F.F. OR AT 42" A.F.F. WHEN LOCATED BEHIND CABINETS OR WATER CLOSETS. CLEANOUT SHALL BE INSTALLED OFFSET FROM TOILET/RINAL PARTITIONS SO PARTITION DOES NOT OBSTRUCT ACCESS TO THE CLEANOUT.
- ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFORMED BY TRADES PEOPLE SKILLED IN THE PARTICULAR CRAFT INVOLVED, AND REGULARLY EMPLOYED IN THAT PARTICULAR CRAFT. ALL WORK SHALL BE PERFORMED IN A NEAT, PROFESSIONAL MANNER IN KEEPING WITH THE HIGHEST STANDARDS OF THE CRAFT.
- COORDINATE INSTALLATION OF ALL PLUMBING ITEMS PENETRATING THE EXTERIOR BUILDING ENVELOPE WITH GENERAL CONTRACTOR. ALL ITEMS PENETRATING THE ROOF ARE TO BE INSTALLED PER ROOFING MANUFACTURER REQUIREMENTS.
- COORDINATE LOCATIONS AND SIZES OF OPENINGS IN STRUCTURE WITH GENERAL CONTRACTOR. WHEN ADDITIONAL CUTTING AND PATCHING IS REQUIRED DUE TO PLUMBING CONTRACTOR'S FAILURE TO COORDINATE THIS WORK, IT SHALL BE THE PLUMBING CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ADDITIONAL CUTTING AND PATCHING. SEAL AND/OR FIRE STOP ALL PENETRATIONS AS REQUIRED.
- PLUMBING CONTRACTOR SHALL PROVIDE ALL REQUIRED SUPPORT STEEL FOR PIPING AND EQUIPMENT.
- ALL MECHANICAL ROOM FLOOR DRAIN LOCATIONS SHALL BE COORDINATED WITH EQUIPMENT SUBMITTALS AND ROOM EQUIPMENT LAYOUT. LOCATE DRAINS TO ACCOMMODATE EQUIPMENT CONDENSATE DRAINS TO MINIMIZE DRAIN PIPE LENGTH AND AVOID TRIPPING AND WET FLOOR HAZARDS.
- PROVIDE ISOLATION VALVES FOR ALL EQUIPMENT AND AT ALL BRANCH LINES SERVING TWO OR MORE FIXTURES.
- CONTRACTOR TO COORDINATE THE EXACT LOCATIONS FOR ALL NEW FLOOR CLEAN OUTS THROUGHOUT WITH BOTH NEW AND EXISTING STRUCTURE AND WITH NEW FLOOR FINISHES/PATTERNS.
- ALL PIPE HANGERS IN EXPOSED STRUCTURE AREAS (NO CEILING) SHALL HAVE INDIVIDUAL HANGERS (STRUT TYPE TRAPEZE HANGERS NOT ALLOWED).
- MANUAL BALANCING VALVES, BELL & GOSSETT MODEL CB CIRCUIT SETTERS OR EQUAL, SHALL BE PROVIDED FOR BALANCING OF THE DOMESTIC HOT WATER SYSTEM AS SHOWN PER THE PLANS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE SPACE ABOVE CEILINGS IN ALL AREAS IS EXTREMELY LIMITED AND COORDINATION OF WORK IS MANDATORY.
- SANITARY, STORM, AND VENT PIPING SIZES ARE BASED ON STANDARD CAST IRON PIPE SIZES, WHERE AN ALTERNATIVE MATERIAL IS USED, IF A DISCREPANCY IN AVAILABLE PIPE SIZE EXISTS FOR THAT MATERIAL, THE NEXT LARGEST AVAILABLE SIZE SHALL BE PROVIDED.
- SHUT DOWN OF EXISTING PLUMBING SYSTEMS TO BE REQUESTED AND COORDINATED THROUGH THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH DIVISION 05 AND 01 SPECIFICATIONS. SHUTDOWNS OF ALL SYSTEMS SHALL BE MINIMIZED.
- REFER TO ARCHITECTURAL PLANS FOR DETAILED ELEVATIONS INDICATING STANDARD MOUNTING HEIGHTS, LOCATIONS AND ALIGNMENT REQUIREMENTS FOR ALL WALL MOUNTED DEVICES AND REFLECTED CEILING PLANS FOR ALL CEILING MOUNTED DEVICES.
- WHERE NEW HOSE BIBS ARE SHOWN TO BE INSTALLED IN RESTROOMS, THEY SHALL BE INSTALLED UNDER LAVATORY COUNTER AND ARE TO BE LOCATED FOR EASY ACCESS A MINIMUM OF 18" AFF.
- FOR ALL PIPING TO BE ROUTED IN CASEWORK ALONG WALLS, PIPING IS TO BE SUPPORTED FROM WALL AND IS NOT TO BE ATTACHED TO OR SUPPORTED FROM THE CASEWORK IN ANY WAY.
- WHERE CONNECTING TO EXISTING DOMESTIC WATER PIPING, PROVIDE ISOLATION VALVES TO FACILITATE TESTING AND CLEANING OF NEW PIPING SEPARATE FROM EXISTING SYSTEM.
- WHERE THERE IS NO CEILING INDICATED NEW PIPING WILL BE ROUTED EXPOSED WITHIN ROOM. ALL EXPOSED PIPING SHALL BE PAINTED TO MATCH ADJACENT WALL/CEILING COLOR.
- FOR ALL WORK REQUIRED ABOVE EXISTING CEILINGS TO REMAIN, EITHER WITHIN OR OUTSIDE THE PROJECT AREA, CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL CEILING TILE AS REQUIRED TO ACCOMPLISH THE WORK. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR TYPES AND EXTENT OF BOTH EXISTING AND NEW CEILINGS THROUGHOUT PROJECT.

PLUMBING DEMOLITION KEYED NOTES

PD-1	REMOVE FIXTURE AND ASSOCIATED SUPPLY AND SANITARY PIPING. DEMO PIPING BACK TO MAIN AND CAP.
PD-2	DEMO EXISTING WATER HEATER AND ASSOCIATED EXPANSION TANK AND RECIRCULATION PUMP. CAP DOMESTIC HOT WATER, COLD WATER, HW RECIRC, AND GAS PIPING FOR CONNECTION TO NEW WATER HEATER. SEE NEW WORK. COORDINATE BUILDING DOMESTIC WATER SHUTDOWN WITH THE OWNER.
PD-3	REMOVE AND RETAIN EXISTING TANKLESS WATER HEATER FOR RELOCATION; SEE NEW WORK. DEMO ASSOCIATED HOT WATER AND GAS PIPING BACK TO THE MAINS AND CAP. REMOVE COMBINED FLUE AND COMBUSTION PIPING AND CONDENSATE PIPING. COORDINATE PATCHING OF THE EXISTING ROOF PENETRATION FOR THE COMBINED FLUE AND INTAKE WITH THE GENERAL CONTRACTOR.

PLUMBING KEYED NOTES

P-1	EXTEND EXISTING COLD WATER AND HOT WATER PIPING TO TANKLESS WATER HEATER AND PIPE TO STORAGE TANK; SEE DOMESTIC WATER SCHEMATIC ON SHEET P-10.
P-2	THE NEW VENT SYSTEM INTO EXISTING VENT PENETRATION THROUGH THE ROOF.
P-3	UTILIZE EXISTING OPENING IN THE WALL TO ROUTE NEW COMBINED FLUE AND INTAKE PIPING FOR WATER HEATER. PATCH PENETRATION NOT USED TO MATCH EXISTING.
P-4	STORAGE TANK TO BE INSTALLED ON EXISTING PAD. COORDINATE LOCATION WITH OTHER EXISTING EQUIPMENT.
P-5	INSTALL WATER HEATER ON WALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE NECESSARY MATERIAL TO HANG ON WALL. UNIT SHALL BE PLACED IN LOCATION TO ALLOW THE REQUIRED EQUIPMENT CLEARANCES.
P-6	THERMOSTATIC MIXING VALVE SHALL BE WALL MOUNTED. COORDINATE LOCATION WITH OTHER EQUIPMENT.

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM
REMODEL

11 WEST 9TH STREET, DUBUQUE, IA 52001

SHEET TITLE

PLUMBING NOTES AND SYMBOLS

IN ASSOCIATION WITH

DESIGN
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BUILDING SYSTEMS CONSULTANTS

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PROJECT NUMBER

2026319

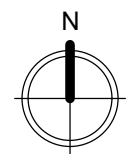
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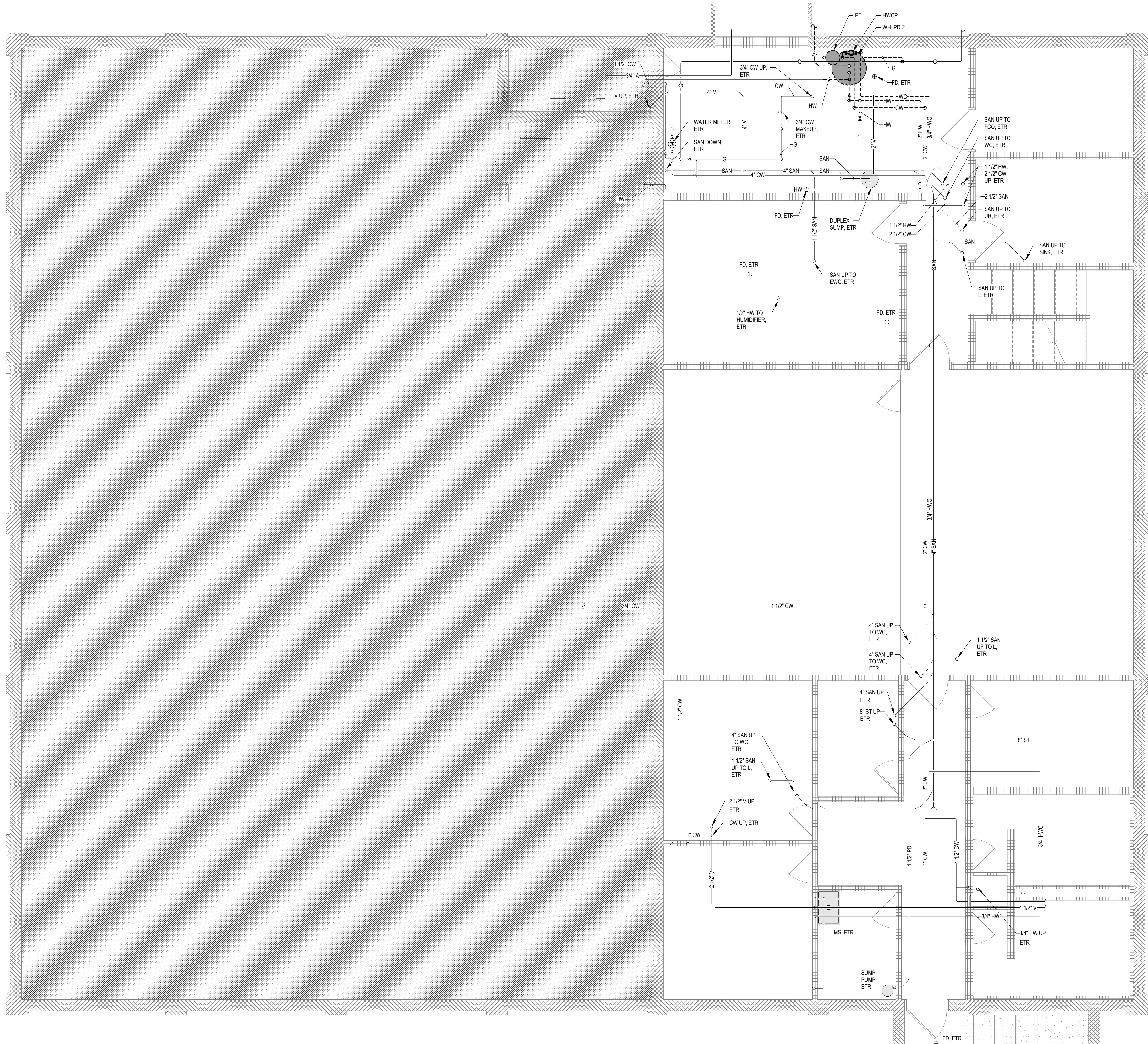
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30" X 42" Autodes Doc/Dubuque Fire Station HQ Bunkroom Remodel - 20059MEP - Dubuque Fire Station HQ Bunkroom Remodel - 20059.rvt 6/10/2026 10:35:53 AM



1 BASEMENT PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DEMOLITION KEY	
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

KEYED NOTES	
PD-2	DEMO EXISTING WATER HEATER AND ASSOCIATED EXPANSION TANK AND RECIRCULATION PUMP. CAP DOMESTIC HOT WATER, COLD WATER, HW RECIRC, AND GAS PIPING FOR CONNECTION TO NEW WATER HEATER. SEE NEW WORK. COORDINATE BUILDING DOMESTIC WATER SHUTDOWN WITH THE OWNER.

CITY OF DUBUQUE

**DBQ FIRE HQ BUNKROOM
REMODEL**

11 WEST 9TH STREET, DUBUQUE, IA 52001

SHEET TITLE

BASEMENT PLUMBING DEMOLITION PLAN

IN ASSOCIATION WITH



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PROJECT NUMBER

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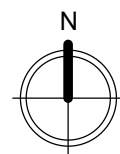
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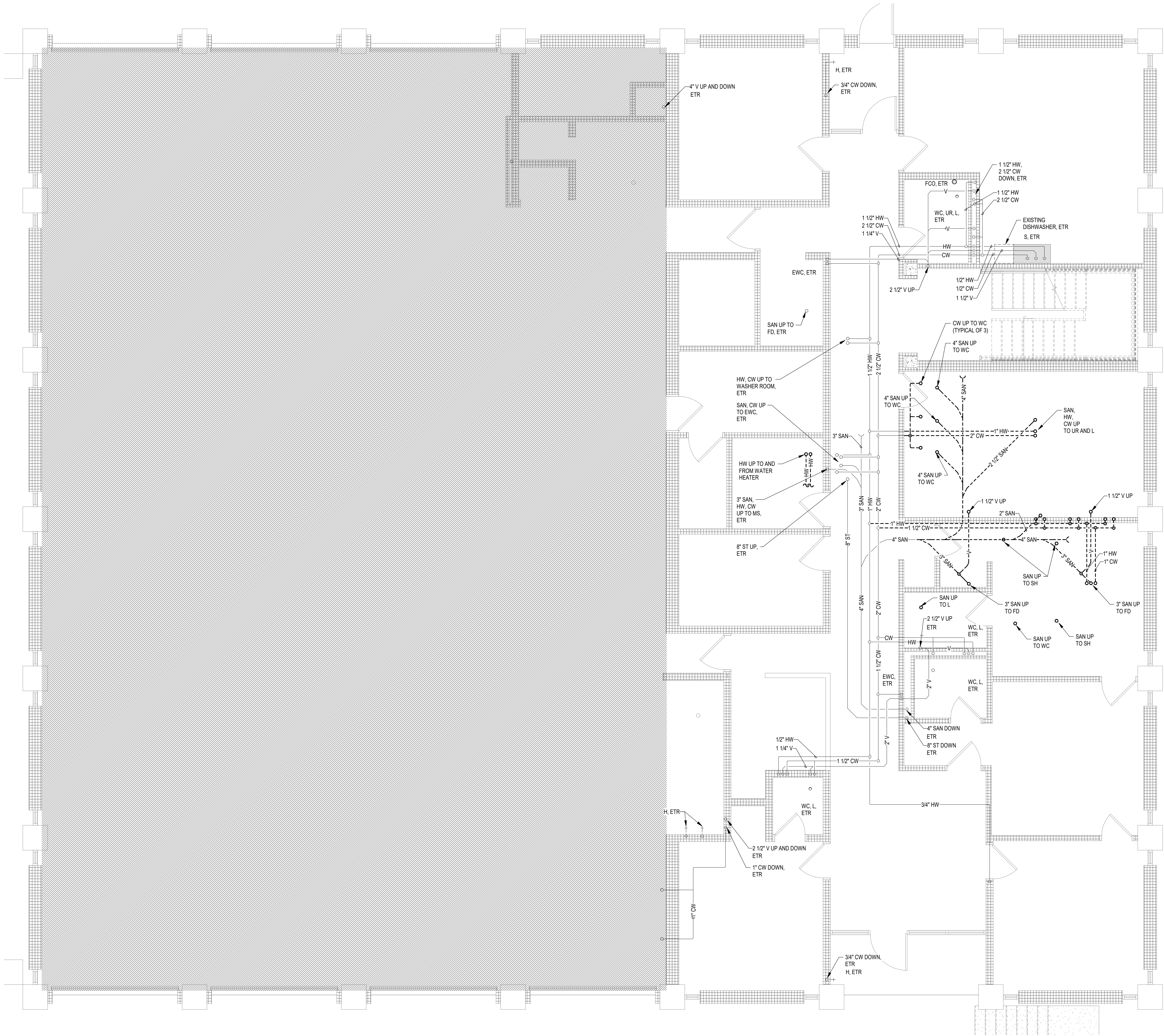
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1 MAIN LEVEL PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DEMOLITION KEY	
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

KEYED NOTES

CITY OF DUBUQUE

**DBQ FIRE HQ BUNKROOM
REMODEL**

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PD1.1

SHEET TITLE

MAIN LEVEL PLUMBING DEMOLITION PLAN

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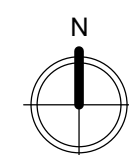


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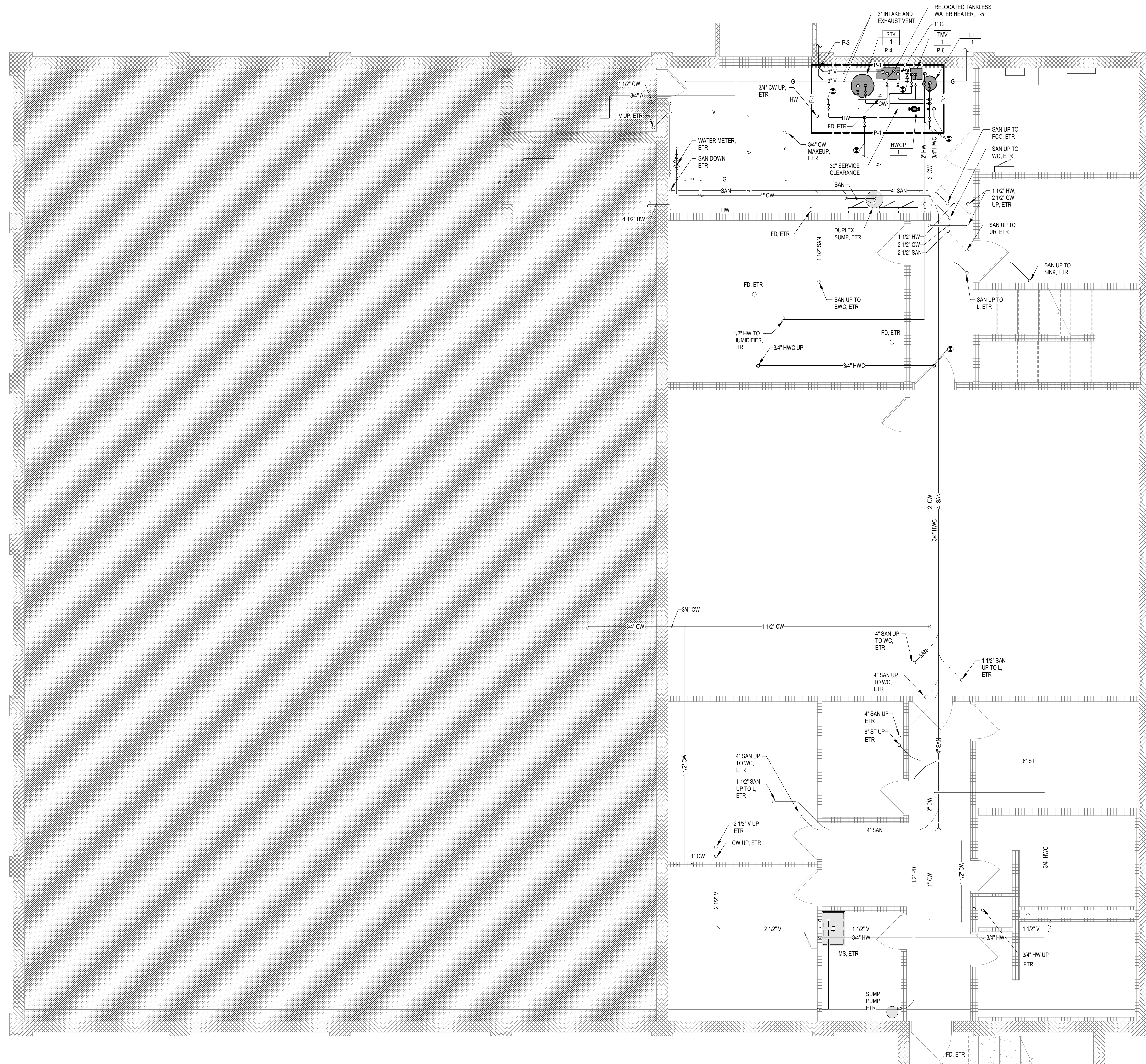
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1 BASEMENT PLUMBING PLAN



NEW WORK KEY

	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

KEYED NOTES	
P-1	EXTEND EXISTING COLD WATER AND HOT WATER PIPING TO TANKLESS WATER HEATER AND PUMP. STORAGE TANK. SEE DOMESTIC WATER SCHEMATIC ON SHEET PG.10.
P-3	UTILIZE EXISTING OPENING IN THE WALL TO ROUTE NEW COMBINED FUELS AND INTAKE PIPING FOR WATER HEATER. PATCH PENETRATION NOT USED TO MATCH EXISTING.
P-4	STORAGE TANK TO BE INSTALLED @ EXISTING PAD. COORDINATE LOCATION WITH OTHER EXISTING EQUIPMENT.
P-5	INSTALL WATER HEATER ON WALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. NECESSARY MATERIAL TO HANG ON WALL. UNIT SHALL BE PLACED IN LOCATION TO ALLOW THE REQUIRED CLEARANCES.
P-6	THERMOSTATIC MIXING VALVE SHALL BE WALL MOUNTED. COORDINATE LOCATION WITH OTHER EQUIPMENT.

IN ASSOCIATION WITH

SHEET TITLE

BASEMENT PLUMBING PLAN

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM REMODEL

11 WEST 9TH STREET, DUBUQUE, IA 52001

PROJECT NUMBER

2026319

SHEET

P1.0

IN ASSOCIATION WITH

SHEET TITLE

BASEMENT PLUMBING PLAN

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM REMODEL

11 WEST 9TH STREET, DUBUQUE, IA 52001

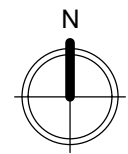
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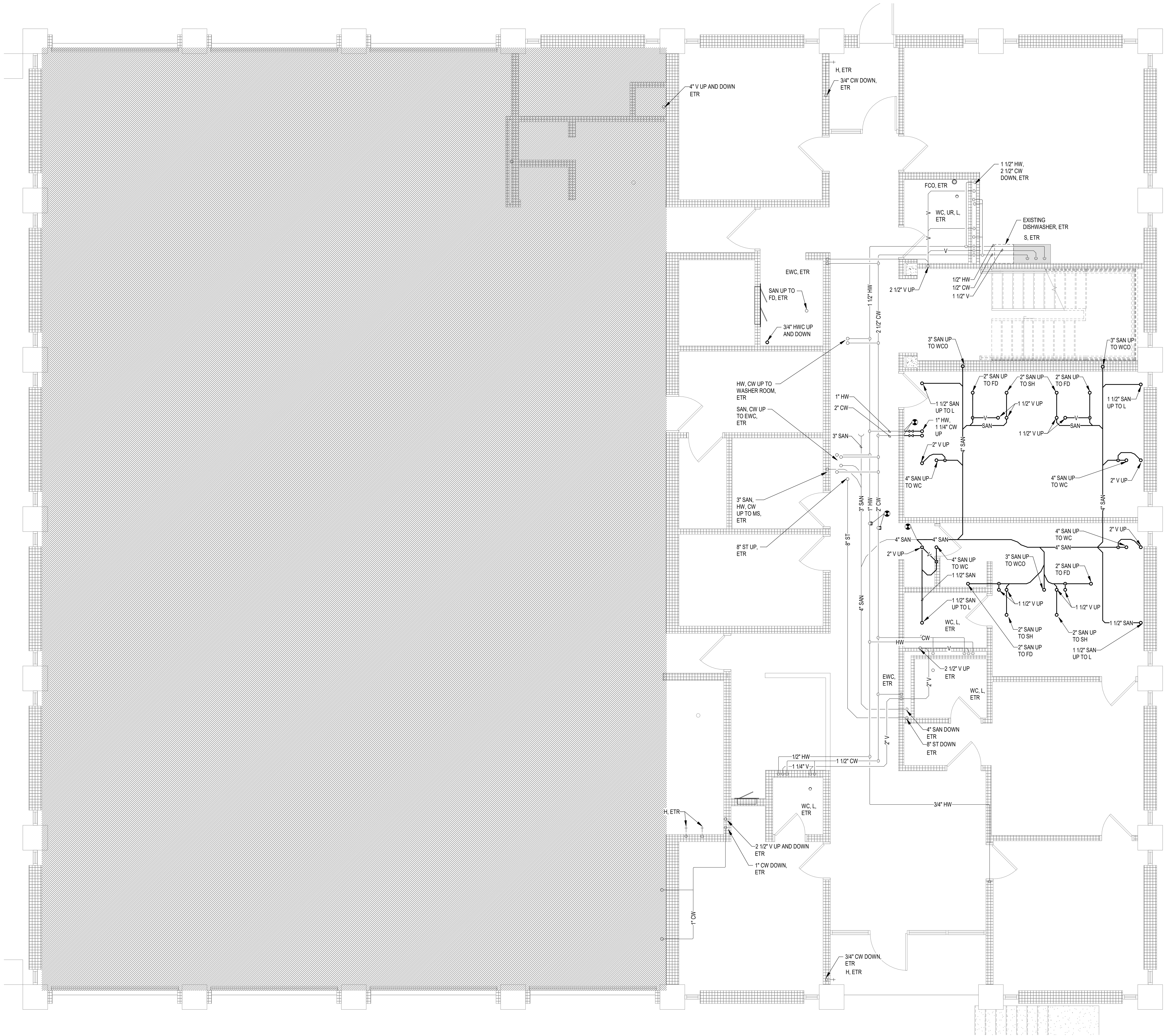
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1 MAIN LEVEL PLUMBING PLAN
SCALE: 1/4" = 1'-0"



NEW WORK KEY	
	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

KEYED NOTES

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM
REMODEL

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PROJECT NUMBER
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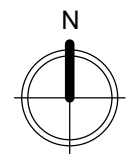
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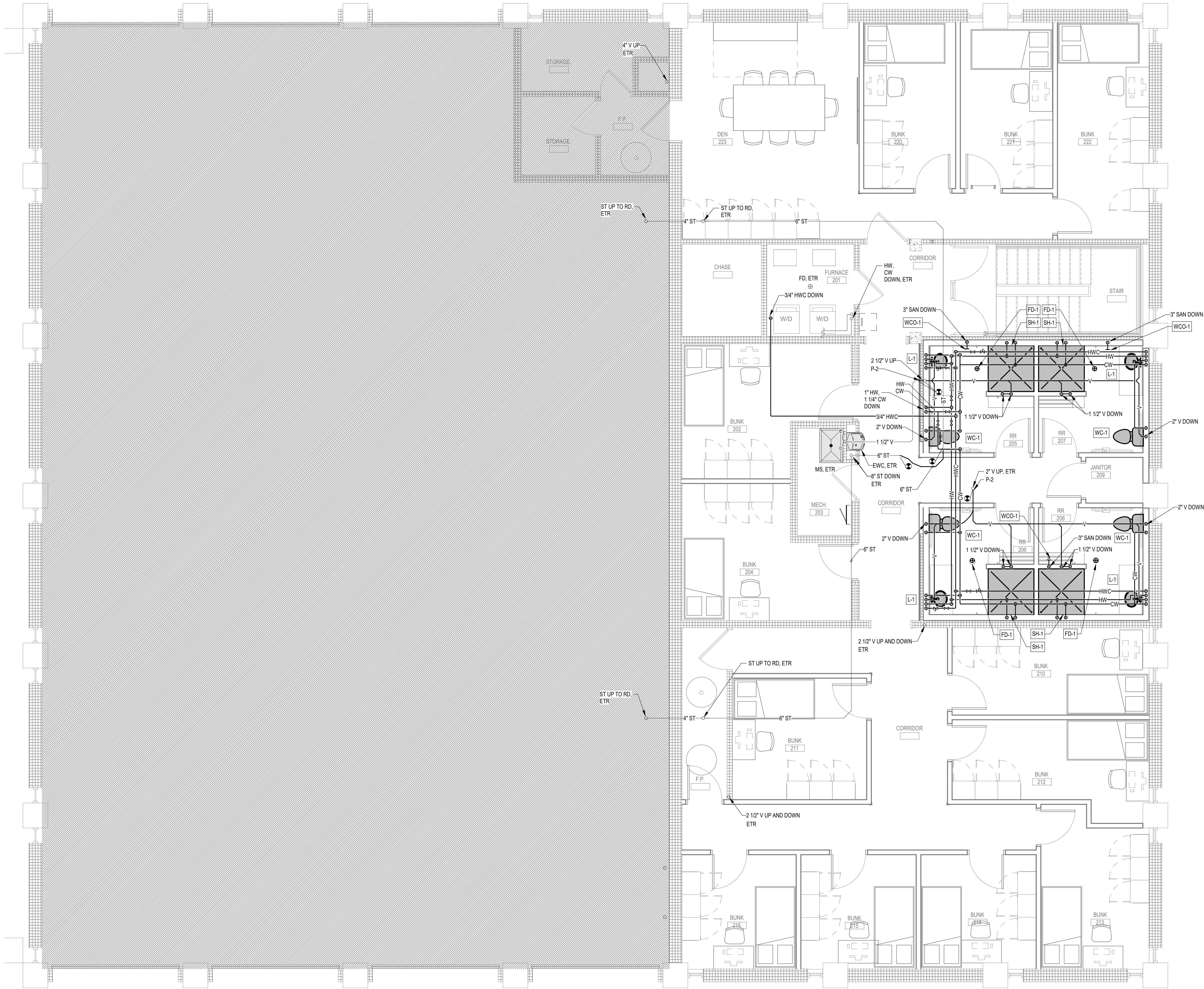
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SIOUX CITY, IA 50260
(712) 252-3889

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1 UPPER LEVEL PLUMBING PLAN
SCALE: 1/4" = 1'-0"



NEW WORK KEY	
	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

KEYED NOTES	
P-2	TIE NEW VENT SYSTEM INTO EXISTING VENT PENETRATION THROUGH THE ROOF.

CITY OF DUBUQUE

DBQ FIRE HQ BUNKROOM
REMODEL

11 WEST 9TH STREET, DUBUQUE, IA 52001

SHEET TITLE

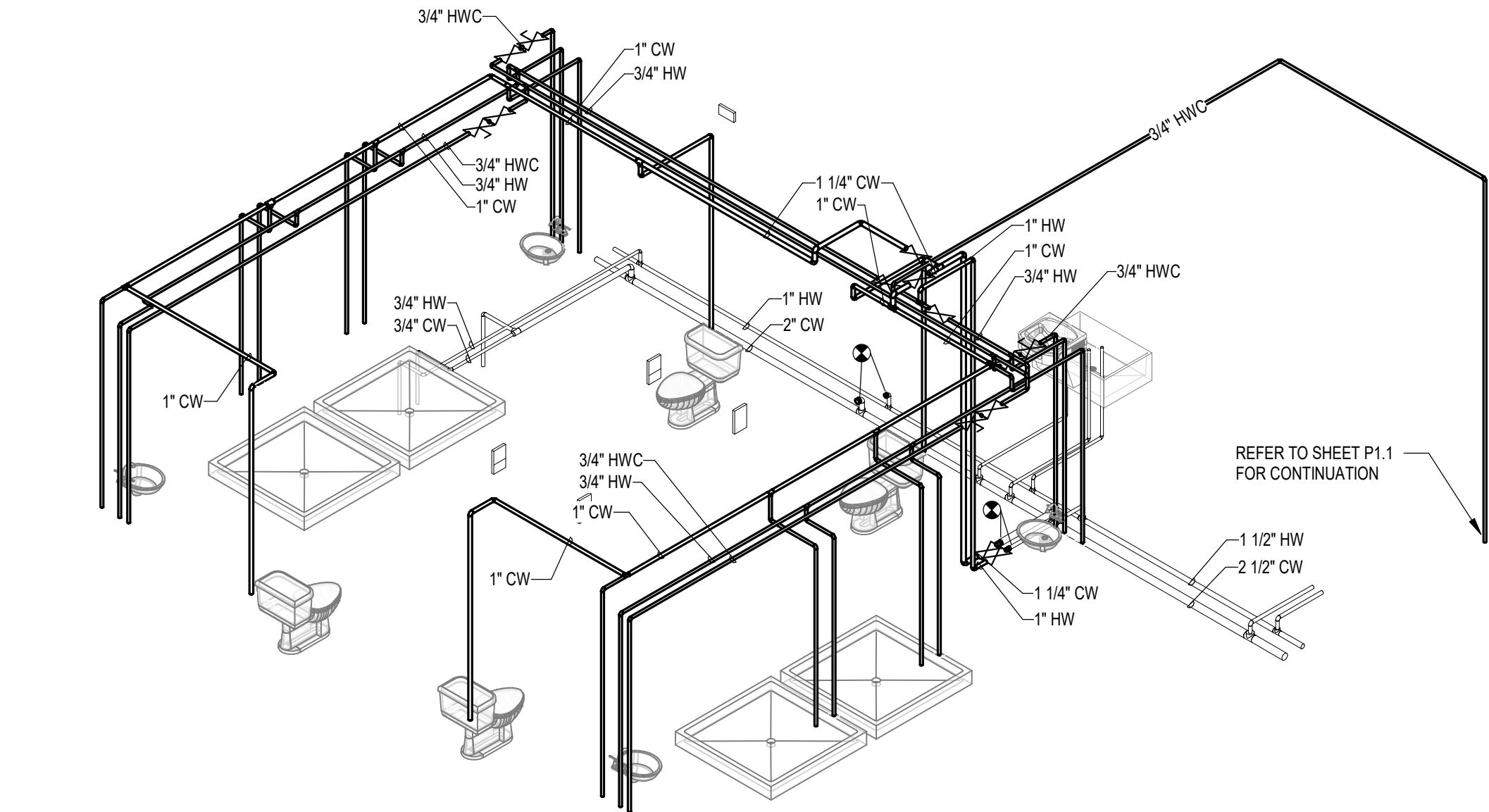
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IN ASSOCIATION WITH

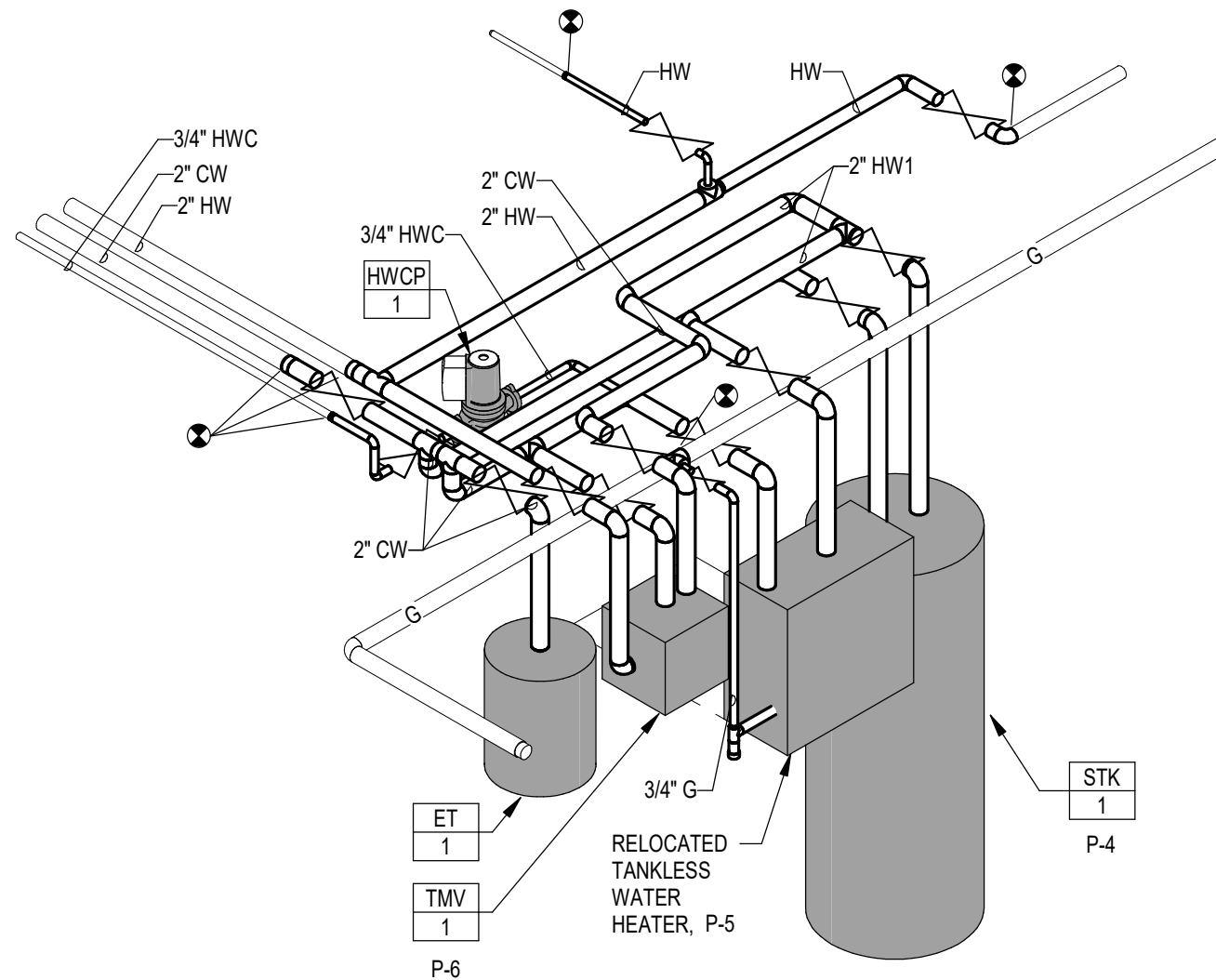


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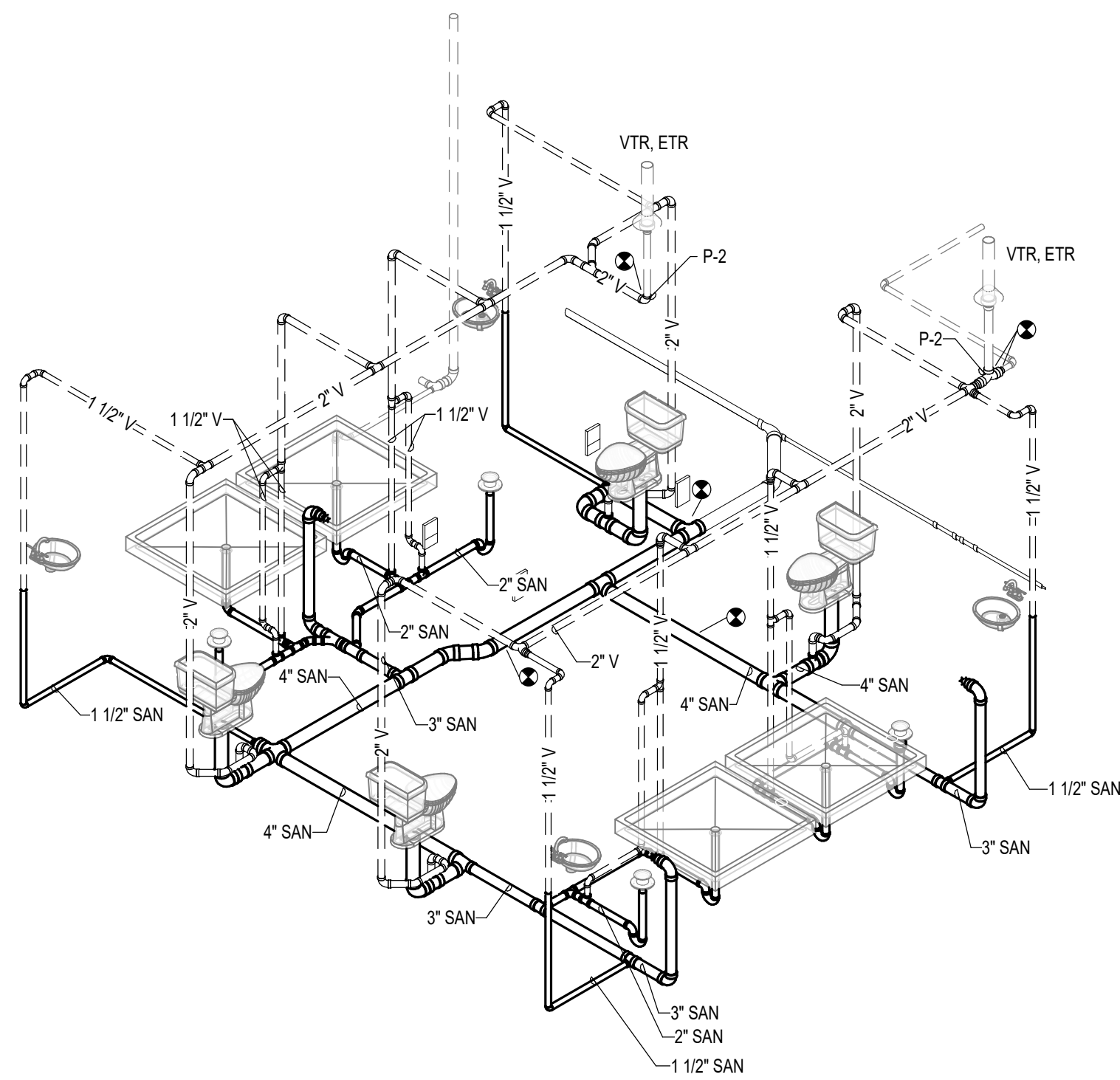
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1 RESTROOM - SUPPLY ISOMETRICS
NOT TO SCALE



3 BASEMENT - SUPPLY ISOMETRICS
NOT TO SCALE



WASTE AND VENT PIPING ISOMETRIC KEY	
SAN	———
VENT	- - - - -

2 RESTROOM - WASTE AND VENT ISOMETRICS
NOT TO SCALE

KEYED NOTES	
P-2	TIE NEW VENT SYSTEM INTO EXISTING VENT PENETRATION THROUGH THE ROOF.
P-4	STORAGE TANK TO BE INSTALLED ON EXISTING PAD. COORDINATE LOCATION WITH OTHER EXISTING EQUIPMENT.
P-5	INSTALL WATER HEATER ON WALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE NECESSARY MATERIAL TO HANG ON WALL. UNIT SHALL BE PLACED IN LOCATION TO ALLOW THE REQUIRED EQUIPMENT CLEARANCES.
P-6	THERMOSTATIC MIXING VALVE SHALL BE WALL MOUNTED. COORDINATE LOCATION WITH OTHER EQUIPMENT.

PLUMBING ISOMETRIC SYMBOLS

(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

*** ABBREVIATIONS ***

DFU - DRAINAGE FIXTURE UNITS

WSFU - WATER SUPPLY FIXTURE UNITS

ELECTRIC WATER COOLER

LAVATORY

MOP SINK

SINK

WATER CLOSET

URINAL

SHOWER

VENT TO ROOF - VTR

FLOOR DRAIN

CLEANOUT

FLOOR SINK

EYEFACE WASH

HYDRANTS

PLUMBING FIXTURE CONNECTION SCHEDULE						
ITEM NO.	DESCRIPTION OF PLUMBING FIXTURE	CONNECTIONS				
		CW	HW	WASTE	VEN	2"
FL-1	FLOOR DRAIN (NOTE 2)	-	-	3"	3"	2"
L-1	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"	2"
SH-1	SHOWER/BATH/TUB	3/4"	3/4"	2"	1 1/2"	2"
WC-1	WATER CLOSET	1"	-	-	-	2"

NOTES:

- CW AND HW SUPPLY PIPING TO BE A MINIMUM OF 3/4". WHERE SMALLER CONNECTION SIZE IS SCHEDULED, REDUCTION IN PIPE SIZE TO BE MADE WITHIN 10' OF FIXTURE
- FLOOR DRAIN CONNECTIONS TO BE AS SCHEDULED UNLESS NOTED OTHERWISE ON PLANS.

CIRCULATING PUMP SCHEDULE											
PLAN MARK	FLOW (GPM)	PRESSURE (FT WC)	WATER TEMP (DEG F)	SIZE SUCT X DISCH (IN)	SPEED (RPM)	MOTOR (HP)	(VOLTS)	(PH)	MANUFACTURER/ MODEL #	SERVICE	NOTES
HWCP-1	10	25	140	1.5 X 1.5	4400	0.45	115	1	TACO VR15M	DIWH RECIRCULATING	1
1	PROVIDE WITH TC-1 AUTOMATIC TIMER KIT.										

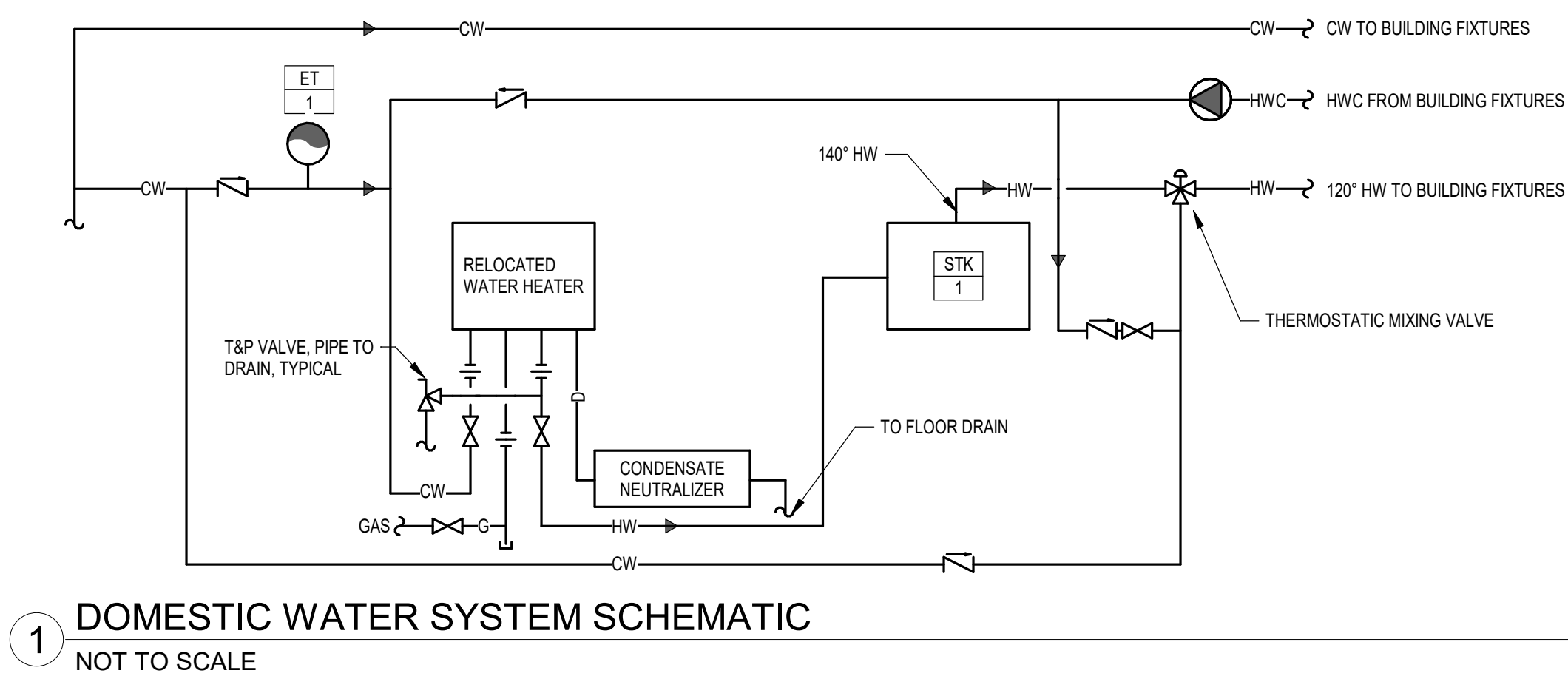
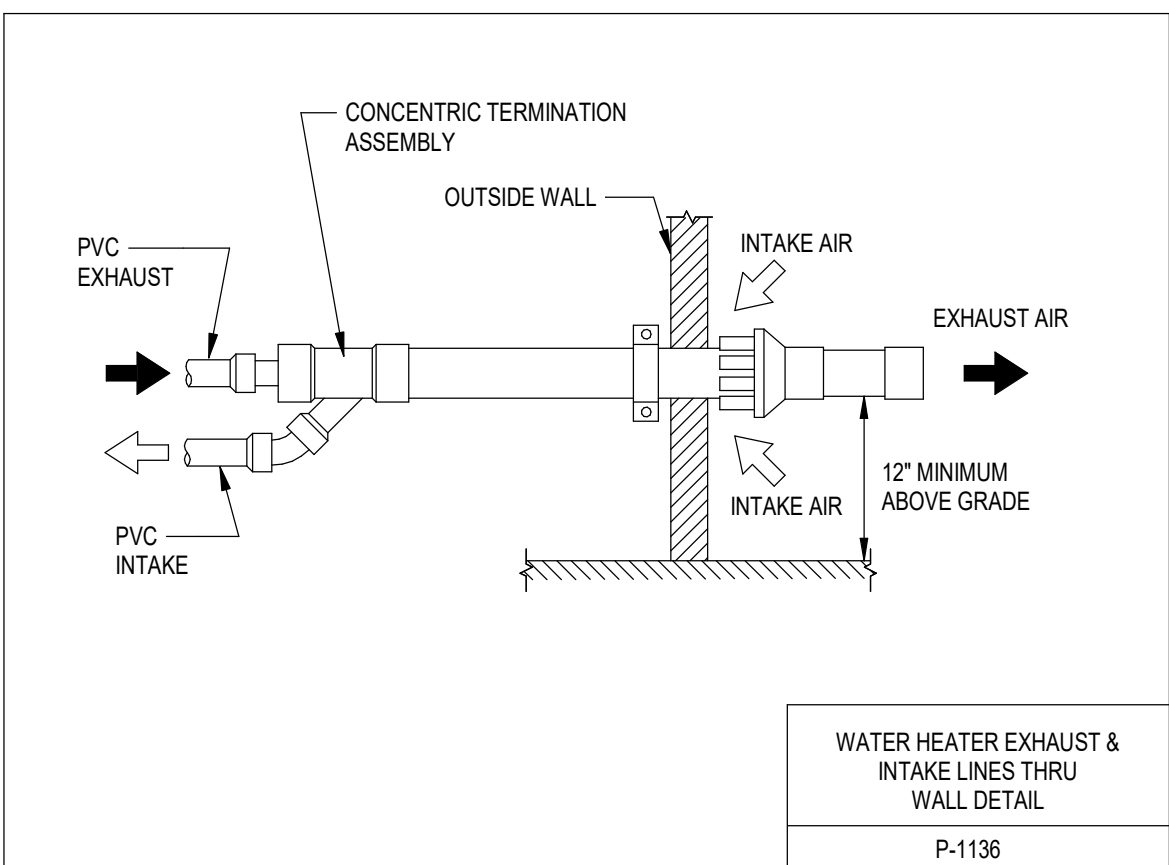
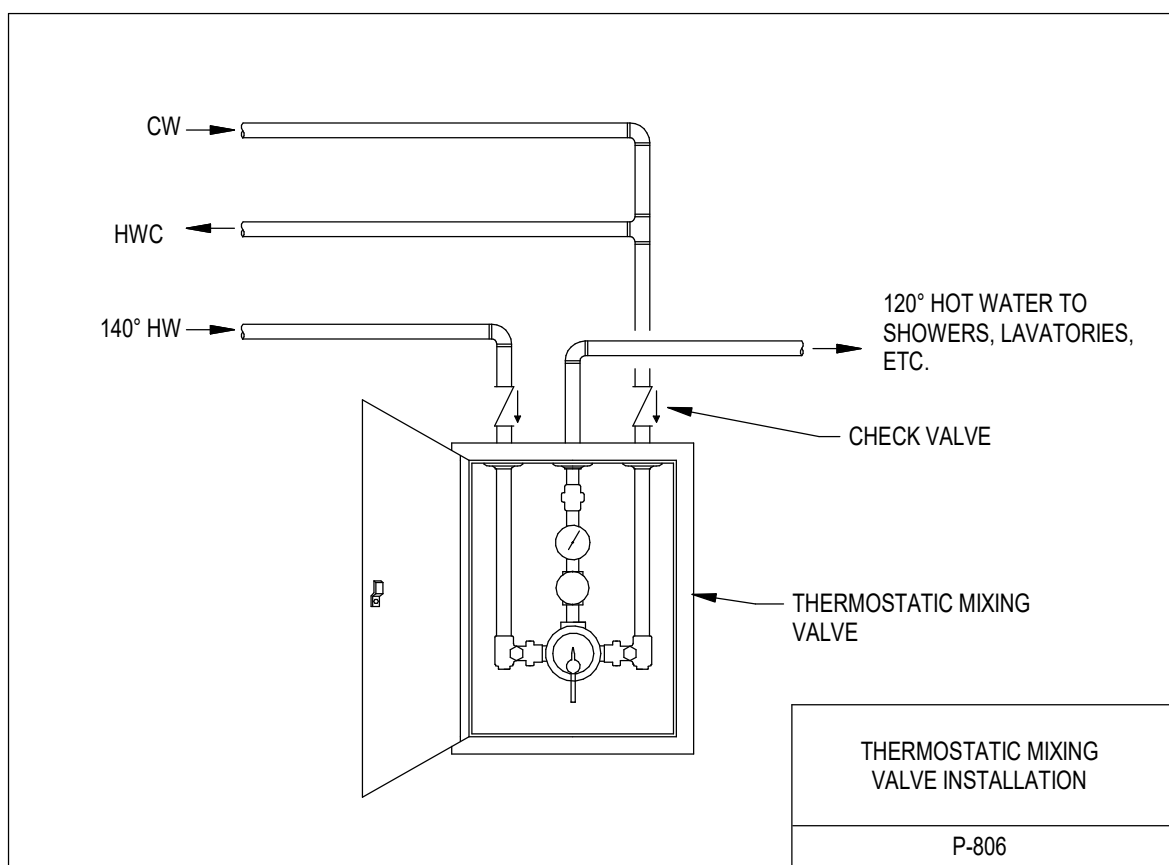
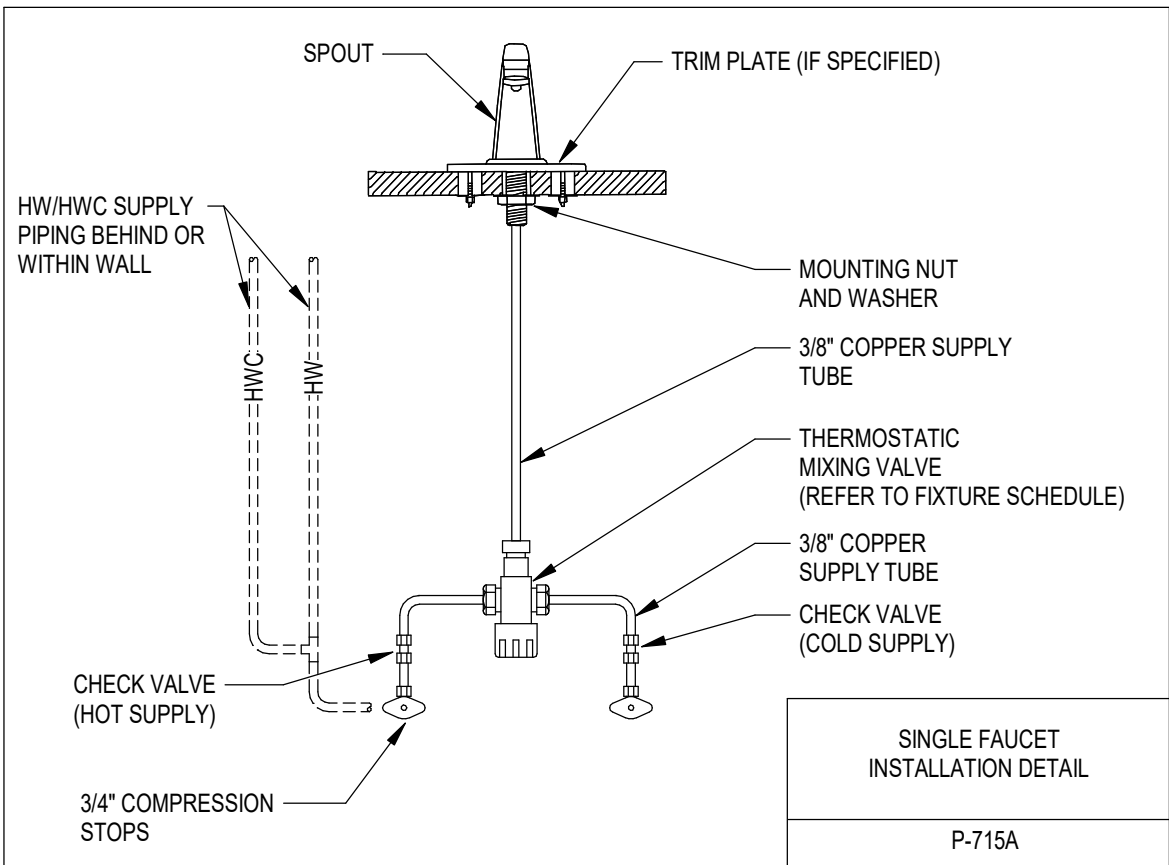
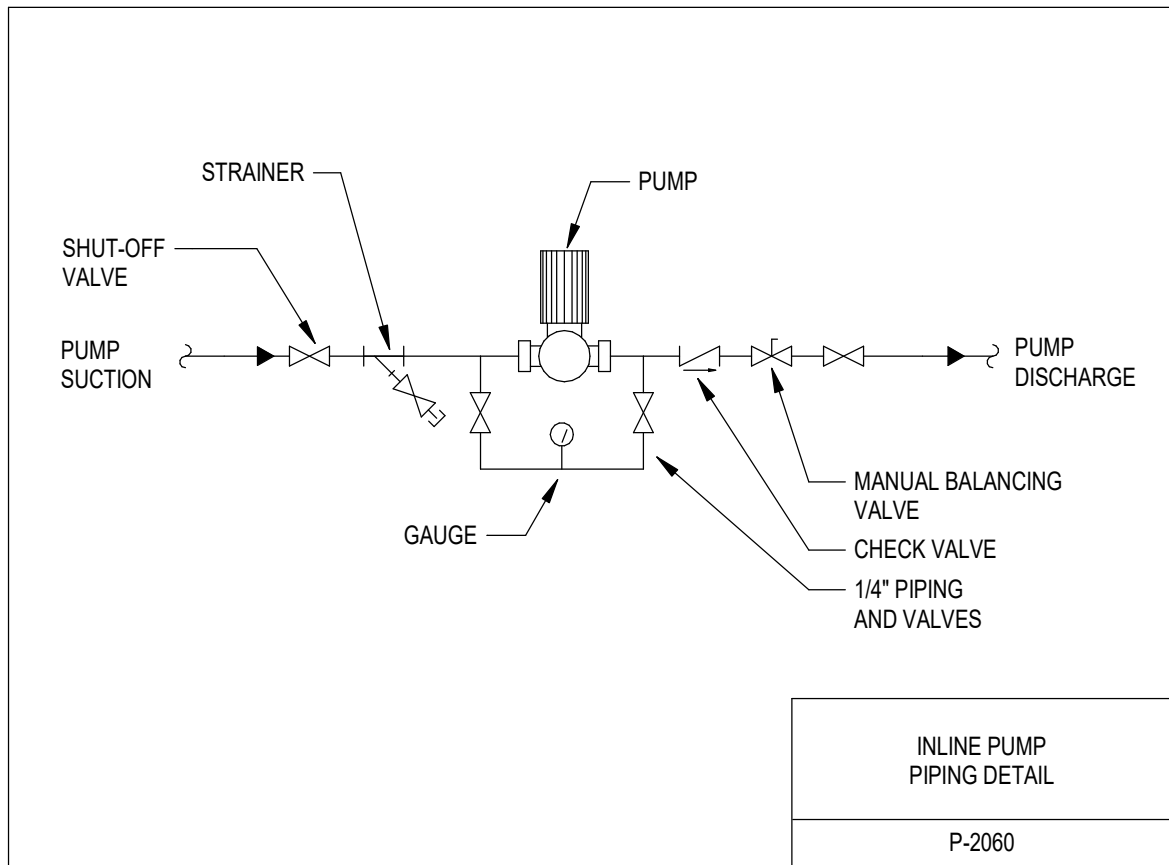
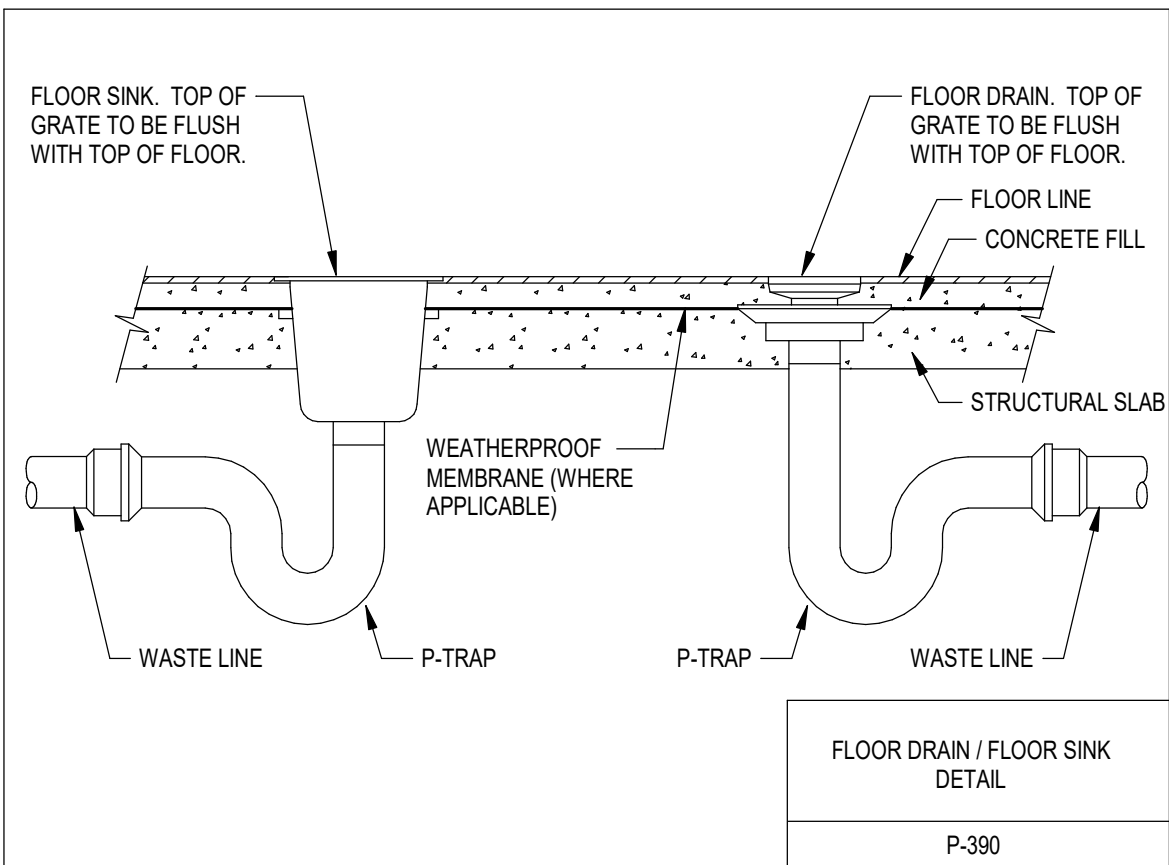
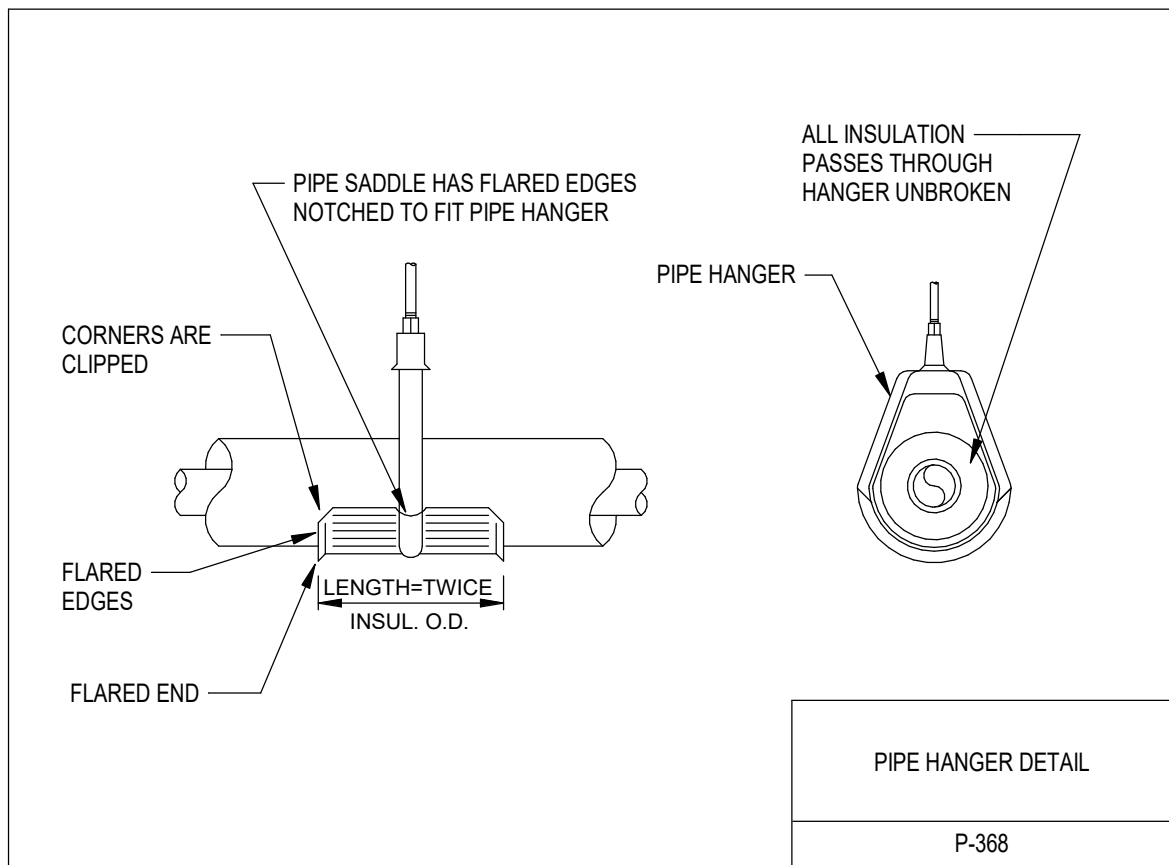
STORAGE TANK			
PLAN MARK	VOLUME [GAL]	DIMENSIONS [DIAxH]	MANUFACTURER AND MODEL NO.
STK-1	120	24"x63"	CEMLINE V120JST

NOTES:

- INTERIOR OF TANK SHALL BE CEMENT LINED FOR CATHODIC PROTECTION. COATING SHALL BE CONTINUOUS OVER THE ENTIRE INNER SURFACE OF THE TANK. OUTER JACKET SHALL HAVE A BAKED ENAMEL FINISH. TANK SHALL MEET THE MINIMUM THERMAL INSULATION REQUIREMENTS OF THE CURRENT EDITION OF ASHRAE 90.1. CATHODIC PROTECTION SHALL BE PROVIDED. TANK SHALL BE ASME RATED AND HAVE A WORKING PRESSURE OF 150 PSI. TANK SHALL HAVE A FIVE YEAR NON-PRORATED WARRANTY.

THERMOSTATIC MIXING VALVE SCHEDULE									
PLAN MARK	SERVICE	PRESSURE DROP (PSI)	MAXIMUM FLOW (GPM)	OUTLET TEMP (DEG F)	MINIMUM FLOW (GPM)	INLET SIZE (IN)	OUTLET SIZE (IN)	MANUFACTURER/ MODEL #	NOTES
TMY-1	DOMESTIC HOT WATER	10	20	120	2.5	3/4"	3/4"	LEONARD LV-981-LF	1
NOTES: 1.	PROVIDE WITH THREADED INLETS/OUTLETS AND WALL SUPPORT.								

PLUMBING EXPANSION TANK SCHEDULE							
PLAN MARK	LOCATION	SYSTEM	DIA X HT (IN) (IN)	TANK VOL (GALLONS)	ACCEPT VOL (GALLONS)	MANUFACTURER/ MODEL #	NOTES
ET-1	BASEMENT	WH-1	15 X 19	10.3	10.3	AMTROL THERMXTROL ST-25V	1.2
NOTES:							
1	SYSTEM SIZING BASED ON 60 PSI SUPPLY INLET PRESSURE, 150 PSI MAX. EXPANSION TANK PRESSURE, 125 PSI RELIEF VALVE SETTING.						
2	SET TANK PRE-CHARGE SETTING EQUAL TO DOMESTIC WATER SUPPLY INLET PRESSURE PRIOR TO INSTALLATION.						



ELECTRICAL ABBREVIATIONS

(NOTE: ALL ABBREVIATIONS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

*** ABBREVIATIONS ***	
3R	NEMA 3R ENCLOSURE
4X	NEMA 4X ENCLOSURE
A	AMPERES
AF	AMPERE FRAME
AFI	ARC FAULT CIRCUIT INTERRUPTER
AFI	AUTHORITY HAVING JURISDICTION
AC	AMP INTERRUPTING CAPACITY
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
BRK	ACROUSTICAL CEILING TILE
BRKR	BREAKER
C	CONDUIT
C1D1	CLASS DIVISION 1
C1D2	CLASS DIVISION 2
CR	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CFI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CT	CURRENT TRANSFORMER
CMS	COMBINATION MOTOR STARTER
CT	CURRENT TRANSFORMER
DB	DISTRIBUTION BOARD
DISC	DISCONNECT
DN	DOWN
DP	DISTRIBUTION PANEL
DS	DISCONNECT SWITCH
EGG	EQUIPMENT GROUND CONDUCTOR
EMER	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FEGR	FLEXIBLE METAL CONDUIT
FDS	FUSED DISCONNECT SWITCH
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
FLR	FLOOR
FNR	FULL VOLTAGE NON-REVERSING
FSD	FIRE SMOKE DAMPER
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFICGFI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT PROTECTED
GND	GROUND
HH	HAND HOLE
HSA	HAND OFF AUTOMATIC
HP	HORSE POWER
HGT	HEIGHT
ISCOR	INTEGRATED ELECTRICAL SHORT CIRCUIT RATING
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INV	INVERTER
JB	JUNCTION BOX
KB	KNOX BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERES
KWH	KILOWATTS
KWH	KILOWATT HOURS
LAN	LOCAL AREA NETWORK
LCP	LIGHTING CONTROL PANEL
LED	LIGHT EMITTING DIODE
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LI	LONG-TIME / SHORT-TIME / INSTANTANEOUS
LSIG	LONG-TIME / SHORT-TIME / INSTANTANEOUS / GROUND ALARM
LTA	LONG-TIME / SHORT-TIME / INSTANTANEOUS / GROUND
LTD	LIGHTING
LV	LOW VOLTAGE (0-60V)
MCBMB	MAIN CIRCUIT BREAKER
MCP	MOTOR CONTROL CIRCUIT
MCP	MOTOR CIRCUIT PROTECTOR
MCS	MOTOR CIRCUIT STARTER
MN	MANHOLE
MNR	MAIN LUGS ONLY
MTR	MOTOR / METER
MV	MEDIA VOLTAGE (60V TO 69KV)
NA	NOT APPLICABLE
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NO	NOT IN CONTRACT
NO	NORMALLY OPEN
NIS	NOT TO SCALE
OC	ON CENTER
OCPO	OVERCURRENT PROTECTIVE DEVICE
OCPI	OWNER FURNISHED, CONTRACTOR INSTALLED
OCPI	OWNER FURNISHED, OWNER INSTALLED
OCPI	OCCUPANCY SENSOR
P	PULL
PB	PULL BOX / PUSH BUTTON
PC	PHOTOCELL
PCU	POWER DISTRIBUTION UNIT
PF	POWER FACTOR
PH	PANEL
PT	POTENTIAL TRANSFORMER
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE CONDUIT
PR	POWER
RAC	RIGID ALUMINUM CONDUIT
REC	RECESSED
ROPT	RELOCATE
REL	RELOCATE
REQD	REQUIRED
RES	RIGID GALVANIZED STEEL CONDUIT
SCCR	SHORT CIRCUIT CURRENT RATING
SM	SIMILAR
SPE	SURGE PROTECTION DEVICE
SPEC	SPECIFICATION
SBU	SUPPLY SIDE BONDING JUMPER
ST	SHUNT TRIP
SWBD	SWITCHBOARD
SWCR	SMOKE DAMPER
TS	TAMPER SWITCH
TR	TAMPER RESISTANT
TVSS	TRANSIENT VOLT SURGE SUPPRESSOR
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SUPPLY
US	UNIVERSAL SERIAL BUS TYPE DEVICE
V	VOLTS
VA	VOLT-AMPS
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WG	WIRE GUARD
WP	WEATHERPROOF
WPD	WEATHERPROOF DEVICE - IN USE
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

ELECTRICAL SYMBOLS

REFER TO TECHNOLOGY COMMUNICATION, FIRE ALARM, AUDIO VISUAL, SECURITY, AND NURSE CALL SYMBOLS LIST FOR ADDITIONAL INFORMATION.
(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)
(NOTE: *HF INDICATES DIMENSION HEIGHT TO CENTER OF DEVICE ABOVE FINISHED FLOOR. IN GENERAL, ALL STANDARD HEIGHT DEVICES ARE TO BE *18" UNLESS NOTED OTHERWISE.)

*** LIGHTING FIXTURES ***

	INDICATES DAYLIGHT HARVEST ZONE
	CEILING FIXTURE - PENDANT MOUNTED
	CEILING FIXTURE - RECESSED
	LINEAR FIXTURE
	LINEAR FIXTURE - RECESSED
	LINEAR FIXTURE - WALL MOUNTED
	STRIP FIXTURE - SUSPENDED
	STRIP FIXTURE - WALL MOUNTED
	EXIT SIGN - CEILING MOUNTED
	EXIT SIGN - WALL MOUNTED
	EXIT / EMERGENCY SIGN - CEILING MOUNTED
	EXIT / EMERGENCY SIGN - WALL MOUNTED
	EMERGENCY LIGHT - CEILING MOUNTED
	EMERGENCY LIGHT - WALL MOUNTED

(SOLID FILL) - INDICATES EXISTING FACE
(ARROWS) - INDICATES CHEVRON DIRECTION

*** RACEWAYS ***

	SURFACE RACEWAY - CONDUIT UNLESS NOTED OTHERWISE
	CONDUIT CONCEALED IN WALL OR CEILING
	CONDUIT CONCEALED IN FLOOR OR UNDERGROUND
	HOME RUN TO PANELBOARD - NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS
	JUNCTION BOX
	JUNCTION BOX - WALL MOUNTED
	SPLICE CONNECTION FROM EXISTING TO NEW
	CONDUIT STUB
	CONDUIT CONTINUATION
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN

*** EQUIPMENT ***

	SPECIAL EQUIPMENT DESIGNATION PER SCHEDULE
	EQUIPMENT PLAN MARK PER SCHEDULE
	EQUIPMENT DESIGNATION
	MOTOR OUTLET AND CONNECTION
	EQUIPMENT CONNECTION
	EQUIPMENT CONNECTION - WALL MOUNTED
	SAFETY DISCONNECT SWITCH
	MOTOR STARTER OR CONTACTOR
	COMBINATION SAFETY DISCONNECT SWITCH/MOTOR STARTER
	SURFACE BRANCH CIRCUIT PANELBOARD
	FLUSH BRANCH CIRCUIT PANELBOARD
	POWER DISTRIBUTION PANELBOARD
	SPECIAL CABINET AS NOTED - SURFACE MOUNTED
	SPECIAL CABINET AS NOTED - RECESSED MOUNTED

*** WIRING DEVICES ***

TYPICAL DEVICE CLASSIFICATION:	
GF	- INDICATES GROUND FAULT INTERRUPTER DEVICE
GFP	- INDICATES GROUND FAULT PROTECTION UPSTREAM OF DEVICE
IG	- INDICATES ISOLATED GROUND DEVICE
TR	- INDICATES TAMPER RESISTANT DEVICE
USB	- INDICATES USB TYPE DEVICE
WPD	- INDICATES DEVICE WITH WEATHERPROOF BOX/FLPOCOVER AND PLUG COVER
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - MOUNTED
	DOUBLE DUPLEX RECEPTACLE - MOUNTED
	OUTLET BOX WITH SPECIAL DEVICE AS NOTED
	ACTIVATION BOX - IN FLOOR
	ACTIVATION BOX - WALL MOUNTED
	REFER TO THE ACTIVATION BOX SCHEDULE
	SINGLE POLE WALL SWITCH
	3- INDICATES 3-WAY SWITCH
	4- INDICATES 4-WAY SWITCH
	K- INDICATES KEY SWITCH
	M- INDICATES MOMENTARY SWITCH
	PL- INDICATES PILOT LIGHT
	T- INDICATES TIME SWITCH
	LIGHT DIMMER
	LIGHTING CONTROL STATION
	ANY WIRING DEVICE WITH THIS SYMBOL
	INDICATES SURFACE MOUNTED OUTLET BOX
	OCCUPANCY SENSOR
	X- INDICATES TYPE, SEE LIGHTING CONTROL DEVICE SCHEDULE
	X- INDICATES SWITCH ZONE, IF APPLICABLE
	OCCUPANCY SENSOR - WALL MOUNTED
	X- INDICATES TYPE, SEE LIGHTING CONTROL DEVICE SCHEDULE
	X- INDICATES SWITCH ZONE, IF APPLICABLE

*** SCHEMATIC RISER DIAGRAM ***

	FEEDER INSTALLATION - LINE VOLTAGE
	FEEDER INSTALLATION - LOW VOLTAGE
	FEEDER/CONDUIT PER SCHEDULE
	SAFETY SWITCH/MOTOR DISCONNECT
	TRANSFORMER - OIL FILLED
	METER
	PANEL OR AS NOTED
	GROUND
	CIRCUIT BREAKER
	XXX- INDICATES TRIP RATING
	X- INDICATES NUMBER OF POLES
	TRANSFER SWITCH

FIRE ALARM SYMBOLS

(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

*** FIRE ALARM SYSTEM ***

	MANUAL PULL STATION 48" ABOVE FLOOR
	SMOKE DETECTOR - CEILING MOUNTED
	SMOKE DETECTOR - WALL MOUNTED
	THERMAL DETECTOR, RATE OF RISE TYPE 200-200 DEGREE TYPE
	THERMAL DETECTOR, RATE OF RISE TYPE - WALL MOUNTED 200-200 DEGREE TYPE
	SMOKE DETECTOR IN DUCT
	BEAM SMOKE DETECTOR - CEILING MOUNTED
	BEAM SMOKE DETECTOR - WALL MOUNTED
	VISUAL / AUDIO NOTIFICATION DEVICE
	VISUAL / AUDIO NOTIFICATION DEVICE - WALL MOUNTED 80" ABOVE FLOOR OR AS NOTED
	VISUAL NOTIFICATION LIGHT - CEILING MOUNTED
	VISUAL NOTIFICATION LIGHT - WALL MOUNTED 80" ABOVE FLOOR OR AS NOTED
	AUDIO NOTIFICATION DEVICE - CEILING MOUNTED
	AUDIO NOTIFICATION DEVICE - WALL MOUNTED 80" ABOVE FLOOR OR AS NOTED
	ELECTROMAGNETIC DOOR HOLDER - CEILING OR FLOOR MOUNTED
	ELECTROMAGNETIC DOOR HOLDER - WALL MOUNTED
	SPRINKLER ALARM FLOW SWITCH
	SPRINKLER ALARM TAMPER SWITCH
	MONITOR MODULE
	CONTROL MODULE
	TEST SWITCH
	FAN SHUT-DOWN OR CONTROL RELAY
	SMOKE OR FIRE/SMOKE DAMPER CONNECTION
	SMOKE DAMPER CONNECTION
	DAMPER INDICATING LIGHT - CEILING MOUNTED
	DAMPER INDICATING LIGHT - WALL MOUNTED
	REMOTE LED FOR DETECTOR ANNUNCIATION - CEILING MOUNTED
	REMOTE LED FOR DETECTOR ANNUNCIATION - WALL MOUNTED
	FIRE ALARM VOICE PHONE JACK
	EQUIPMENT CONNECTION
	EQUIPMENT CONNECTION - WALL MOUNTED
	FIRE ALARM CONTROL PANEL - RECESSED
	FIRE ALARM CONTROL PANEL - SURFACE
	ANY WIRING DEVICE WITH THIS SYMBOL
	INDICATES SURFACE MOUNTED OUTLET BOX

COMMUNICATION SYMBOLS

(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)
(NOTE: *HF INDICATES DIMENSION HEIGHT TO CENTER OF DEVICE ABOVE FINISHED FLOOR. IN GENERAL, ALL STANDARD HEIGHT DEVICES ARE TO BE *18" UNLESS NOTED OTHERWISE.)

*** STRUCTURE CABLEING DEVICES ***

	EQUIPMENT OUTLET FOR VOICE OR DATA USE
	EQUIPMENT OUTLET FOR VOICE OR DATA USE - ABOVE CEILING
	EQUIPMENT OUTLET FOR VOICE OR DATA USE - IN CEILING
	EQUIPMENT OUTLET - MOUNTED IN WALL ACTIVATION BOX
	EQUIPMENT OUTLET - MOUNTED IN FLOOR ACTIVATION BOX
	CATV SYSTEM OUTLET
	CLOCK - CEILING MOUNTED
	CLOCK - WALL MOUNTED
	INTERCOM DEVICE - CEILING OR SURFACE MOUNTED
	INTERCOM DEVICE - WALL MOUNTED
	SPEAKER - CEILING MOUNTED
	SPEAKER - WALL MOUNTED

GENERAL ELECTRICAL DEMOLITION NOTES:

- UNLESS NOTED OTHERWISE ALL ITEMS TO BE REMOVED AND DISPOSED OF BY CONTRACTOR. SEE DEMOLITION KEY. THE OWNER MAY ELECT TO SALVAGE SELECT ELECTRICAL SYSTEM COMPONENTS. COORDINATE WITH OWNER PRIOR TO DISPOSAL OF EQUIPMENT.
- WHERE ELECTRICAL EQUIPMENT, WIRING DEVICES, OR COMMUNICATIONS DEVICES ARE NOTED TO BE REMOVED, DEMO CONDUIT AND WIRE BACK TO SOURCE OR NEAREST ACTIVE JUNCTION BOX. WHERE CONDUITS PENETRATE CMU OR CAST-IN-PLACE CONCRETE, CUT CONDUIT FLUSH WITH WALL OR FLOOR. PATCH ALL WALL AND FLOOR PENETRATIONS TO MATCH EXISTING SURFACE. UNDER NO CIRCUMSTANCES SHALL ABANDONED CONDUIT, WIRE, OR ELECTRICAL EQUIPMENT REMAIN AT THE COMPLETION OF CONSTRUCTION.
- ELECTRICAL DEMOLITION DRAWINGS ARE BASED ON FIELD OBSERVATION AND EXISTING DOCUMENTATION WHERE AVAILABLE. EFFORTS HAVE BEEN MADE TO ACCURATELY PORTRAY EXISTING CONDITIONS. DEMOLITION DRAWINGS ARE INTENDED TO CONVEY THE GENERAL SCOPE OF DEMOLITION. MISCELLANEOUS ABANDONED BOXES AND CONDUIT MAY NOT BE INDICATED. ALL ELECTRICAL AND COMMUNICATIONS SYSTEMS, RACEWAYS AND SUPPORTS IN WALLS AND CEILINGS SCHEDULED TO BE REMOVED ARE TO BE DEMOLISHED. CONTRACTOR FIELD VERIFICATION IS REQUIRED.
- COORDINATE ANY SERVICE OUTAGES AFFECTING AREAS OUTSIDE THE REMODEL AREA WITH OWNER AT LEAST 72 HOURS PRIOR TO OUTAGE. WHERE REQUIRED BY THE OWNER, ANY WORK REQUIRING POWER INTERRUPTION SHALL BE SCHEDULED OUTSIDE OF NORMAL WORKING HOURS.
- MAINTAIN INTEGRITY OF EXISTING CIRCUIT WIRING SERVING AREAS OUTSIDE THE REMODEL AREA. IF SPECIFIC TEMS/DEVICES ARE TAKEN OUT OF SERVICE TEMPORARILY TO COMPLETE NEW WORK, RETURN TO SERVICE AS SOON AS POSSIBLE.
- THE BUILDING WILL REMAIN OCCUPIED AND IN USE FOR THE DURATION OF CONSTRUCTION. REFER TO THE SPECIFICATIONS AS WELL AS PHASING PLANS FOR ADDITIONAL INFORMATION REGARDING WORKING ACCESS WITHIN AND ADJACENT TO OCCUPIED AREAS AND SPECIFIC PHASING REQUIREMENTS.
- FOR ALL DEMOLISHED FLUORESCENT LIGHT FIXTURES, IT SHALL BE ASSUMED THAT BALLASTS CONTAIN PCB'S AND SHALL BE DISPOSED OF PROPERLY. RECYCLE ALL FLUORESCENT AND HO LAMPS IN ACCORDANCE WITH EPA AND LOCAL REQUIREMENTS.
- WHERE CEILING SYSTEMS ARE REMOVED, ELECTRICAL CONTRACTOR SHALL PERMANENTLY SUPPORT LOW VOLTAGE CABLEING SYSTEMS CURRENTLY SUPPORTED BY CEILING SYSTEM WITH *HOOKS ON BUILDING STRUCTURE.
- FOR ALL FLUSH DEVICES TO BE REMOVED IN REMAINING WALLS, COVER ABANDONED OPENING WITH NEW COVERPLATE, UNLESS NOTED OTHERWISE.

GENERAL ELECTRICAL NOTES:

- ALL BUNK ROOMS OR DORM ROOMS SHALL BE PROVIDED WITH AFCI PROTECTION FOR CIRCUITS IN THE SPACE. DRAWINGS INDICATE AFCI CIRCUIT BREAKERS TO FEED THOSE CIRCUITS (LIGHTING AND POWER).
- COORDINATE INSTALLATION OF NEW LIGHT FIXTURES AND SMOKE ALARM DEVICES IN THE CEILING WITH THE HVAC PROJECT AND OWNER. COORDINATE LOCATION OF DEVICES IN THE CEILING WITH DIFFUSER LOCATIONS AND SHUT DEVICES AS NEEDED.
- ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFORMED BY TRADES PEOPLE SKILLED IN THE PARTICULAR CRAFT INVOLVED, AND REGULARLY EMPLOYED IN THAT PARTICULAR CRAFT. ALL WORK SHALL BE PERFORMED IN A NEAT, PROFESSIONAL MANNER IN KEEPING WITH THE HIGHEST STANDARDS OF THE CRAFT.
- DRAWINGS ARE IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK, AND TO INDICATE THE GENERAL LOCATIONS OF EQUIPMENT AND SOME FEEDERS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LAYOUT WITH THEIR OWN WORK ACCORDING TO THE FOLLOWING GUIDELINES:
 - COORDINATE DEVICE LOCATIONS AND HEIGHTS WITH ARCHITECTURAL ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN. DEVICES TO BE CENTERED AROUND ARCHITECTURAL CONSTRUCTION. VERIFY EXACT BOX ROUGH-IN LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION OF CONDUIT AND WIRE. ARCHITECT RESERVES THE RIGHT TO HAVE THE CONTRACTOR ADJUST BOX LOCATIONS AT THIS TIME.
 - COORDINATE LIGHT FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS. VERIFY EXACT ROUGH-IN LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. ARCHITECT RESERVES THE RIGHT TO HAVE THE CONTRACTOR ADJUST ROUGH-IN LOCATIONS AT THIS TIME.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS FOR EQUIPMENT AND ROUGH-INS AND THE EXACT ROUTING OF FEEDERS PRIOR TO CONSTRUCTION SO AS TO BEST FIT THE LAYOUT OF THE WORK. SPACE ABOVE CEILINGS IS LIMITED. COORDINATE FINAL LAYOUT WITH ALL TRADES.
 - WHERE OFFSETS IN FEEDERS ARE REQUIRED TO COORDINATE THE WORK OF OTHER TRADES OR TO MAINTAIN REQUIRED CEILING HEIGHTS, THEY SHALL BE PROVIDED AT AN ADDITIONAL COST TO THE OWNER.
 - COORDINATE LOCATION OF EQUIPMENT AND ROUTING OF FEEDERS TO MAINTAIN ACCESS TO HEAT PUMPS, MOTORS, ELECTRICAL EQUIPMENT, AND CONTROLS.
 - CONTRACTOR SHALL INSTALL EQUIPMENT PER CLEARANCES LISTED IN NEC.
- REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR CONSTRUCTION PHASING AND SCHEDULE REQUIREMENTS.
- BELOW IS A LIST OF COMMON REQUIREMENTS OUTLINED IN THE PROJECT MANUAL. REFER TO THE PROJECT MANUAL AND STANDARD DETAILS FOR MORE DETAILED INFORMATION FOR THESE ITEMS AND FOR ALL OTHER MATERIALS AND CONSTRUCTION METHODS REQUIRED.
 - MINIMUM WIRE SIZE TO BE #12 FOR POWER.
 - WALL BOXES INSTALLED FLUSH IN COMMON WALL SHALL NOT BE BACK-TO-BACK OR THROUGH WALL TYPE.
 - ALL CONDUITS, JUNCTION BOXES, WIRING, EQUIPMENT, ETC. TO BE PROPERLY LABELED.
 - PROVIDE GREEN GROUND CONDUCTOR THROUGHOUT ENTIRE ELECTRICAL SYSTEM.
 - ALL CIRCUITS SHALL HAVE DEDICATED NEUTRALS TO MEET NEC WITHOUT HAVING HUNGLE TIES. SHARED NEUTRALS ARE NOT ALLOWED.
- CUT AND PATCH WALLS AND FLOORS AS REQUIRED FOR INSTALLATION OF NEW SYSTEMS.
 - ALL OPENINGS IN CONCRETE OR MASONRY CONSTRUCTION SHALL BE CORE DRILLED OR SAW CUT. COORDINATE WITH STRUCTURE AND GENERAL CONTRACTOR AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY AND MINIMIZE SIZE OF OPENINGS.
 - DO NOT MODIFY STRUCTURAL BUILDING COMPONENTS WITHOUT COORDINATING MODIFICATIONS WITH THE ARCHITECT.
 - WHERE CONDUITS OR SLEEVES PASS THROUGH FLOORS, WALLS AND PARTITIONS THAT ARE NOT FIRE OR SMOKE RATED, PENETRATIONS SHALL BE SEALED ON THE OUTSIDE OF THE CONDUIT WITH NON-HARDENING SOUND SEALANT CAULK. FOR SLEEVES, PROVIDE REMOVABLE SOUND ABSORBENT MATERIAL WITHIN BOTH ENDS OF SLEEVE.
 - COORDINATE INSTALLATION OF ALL ITEMS PENETRATING THE EXTERIOR BUILDING ENVELOPE WITH GENERAL CONTRACTOR. ALL PENETRATIONS SHALL BE WEATHER TIGHT.
 - PATCH AND FIRE STOP OR SEAL ALL ABANDONED EXISTING OPENINGS.
- COORDINATE CEILING SPACE WITH OTHER TRADES FOR NEW AND EXISTING EQUIPMENT.
- SYSTEMS SHALL NOT BE SUPPORTED BY MECHANICAL DUCTWORK, MECHANICAL PIPING, SPRINKLER, OR CEILING SYSTEM SUPPORT WIRES. WHERE COORDINATED WITH OTHER TRADES, COMMON SUPPORT STRUCTURES MAY BE UTILIZED.
- PROVIDE (1) SPARE STUB OUT FOR EVERY (3) PREPARED SPACES OR SPARE CIRCUIT BREAKERS IN PANELBOARD. PROVIDE MINIMUM OF (1) 1/4" NPT AND (1) 3/8" FOR ALL FLUSH MOUNTED PANELBOARDS. PROVIDE STUB OUTS TO ACCESSIBLE CEILING SPACE AND DESIGNATE WITH LABEL OR END CAP.
- FOR ANY LOCATION WHERE A TEMPERATURE DIFFERENTIAL EXISTS CAUSING CONDENSATION TO OCCUR, INTERIORS OF CONDUITS SHALL BE SEALED WITH DUCT SEAL.
- WHERE CONDUITS AND CABLE TRAY CROSS BUILDING EXPANSION JOINTS, PROVIDE SUITABLE EXPANSION FITTINGS. UNLESS FITTING IS LISTED FOR BONDING, PROVIDE EXTERNAL BONDING JUMPER.
- CIRCUIT NUMBERS SHOWN HAVE BEEN CHOSEN TO AID IN DESIGN AND TO PROVIDE CLARITY OF SCOPE OF WORK. ADJUST AS NECESSARY BASED ON FIELD CONDITIONS.
- ALL 120V RECEPTACLES WITHIN OR OF SINKS SHALL BE GFCI TYPE.
- ELECTRICAL CONTRACTOR SHALL REMOVE AND REINSTALL ACOUSTICAL CEILING TILE (ACT) AS REQUIRED TO COMPLETE ELECTRICAL WORK AS INDICATED ON THE PLANS. ANY TILE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- PROVIDE UPDATED TYPED/WRITTEN CIRCUIT DIRECTORIES AT ALL EXISTING PANELBOARDS WITH NEW OR MODIFIED CIRCUITS.
- THE BUILDING WILL REMAIN OCCUPIED AND IN USE FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ALL CIRCUITS IN OCCUPIED AREAS. ANY WORK REQUIRING POWER INTERRUPTION TO OCCUPIED AREAS SHALL BE SCHEDULED WITH THE OWNER. AFTER-HOURS WORK MAY BE REQUIRED.
- NEW DEVICES ON EXISTING WALLS SHALL BE INSTALLED WITH CONCEALED RACEWAY AND FLUSH BOXES. WHERE SURFACE BOXES ARE SHOWN IN FINISHED SPACES, PROVIDE SURFACE METAL RACEWAY.

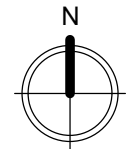
ELECTRICAL DEMOLITION KEYED NOTES

ED-1	DISCONNECT AND REMOVE EXISTING LIGHTING. EXISTING BRANCH CIRCUIT SHALL BE SAVED AND REUSED IN NEW WORK. EXISTING LIGHTING CIRCUIT IS ASSUMED TO BE FED FROM EXISTING PANEL L1/E. CONFIRM CIRCUIT DURING DEMOLITION.
ED-2	EXISTING ALERTING SYSTEM SPEAKER. DISCONNECT AND SAVE SPEAKER. REMOVE CABLEING BACK TO FIRST SPEAKER ON THE FLOOR AT LOCATION OF SPEAKER WIRING TO FLOOR. COIL SPEAKER CABLEING FOR USE IN NEW WORK.
ED-3	AREA NOT INCLUDED IN SCOPE OF WORK. VERIFY CIRCUITS TO THIS AREA ARE MAINTAINED DURING DEMOLITION AND NEW WORK. PROVIDE ADDITIONAL RACEWAY, BOXES AND WIRING TO ADJUST BRANCH CIRCUIT WIRING TO MAINTAIN CIRCUITS IN THE AREA.
ED-4	DISCONNECT FIXTURE AND SAVE FOR REUSE IN NEW WORK. UNUSED FIXTURES SHALL BE TURNED OVER TO THE OWNER.
ED-5	DISCONNECT EXISTING DEVICE OPENING AND BRANCH CIRCUIT WIRING SHALL BE REUSED IN NEW WORK.
ED-6	DISCONNECT AND REMOVE EXISTING DEVICE. REMOVE BOX AND WIRING FROM LOCATION. NEW WALL WILL COVER EXISTING LOCATION. PROVIDE ADDITIONAL RACEWAY, BOXES AND WIRING ON LEVEL BELOW TO MAINTAIN EXISTING CIRCUIT TO EXISTING LOCATIONS AFTER DEVICE IS REMOVED.
ED-7	EXISTING WATER HEATER TO BE DISCONNECTED AND REMOVED BY PLUMBING CONTRACTOR. DISCONNECT EXISTING RECEPTACLE AND REMOVE. NEW GFCI RECEPTACLE SHALL BE INSTALLED AS PART OF NEW WORK.
ED-8	DISCONNECT POWER FROM EXISTING HOT WATER CIRCULATION PUMP. EXISTING BRANCH CIRCUIT SHALL BE REUSED FOR NEW HWWP.
ED-9	DISCONNECT AND REMOVE EXISTING PANELBOARD. A NEW PANELBOARD SHALL BE INSTALLED AS PART OF NEW WORK. REMOVE METAL ENCLOSURE BELOW PANEL DURING DEMOLITION TO ACCESS RACEWAYS AND BRANCH CIRCUIT. PRIOR TO REMOVAL, VERIFY CIRCUITS SERVING FLOOR BELOW ARE IDENTIFIED AND OWNER IS AWARE OF OUTAGE PRIOR TO REMOVAL.
ED-10	ELECTRICAL CONTRACTOR SHALL INVESTIGATE USE AND CONDITION OF EXISTING RACEWAYS THROUGH THE SPACE TO THE ROOF. SECTION OF WALL WHERE RACEWAYS ARE CONCEALED IS BEING DEMOLISHED. RACEWAYS WILL BE EXPOSED IN NEW WORK. COORDINATE WITH OWNER TO DETERMINE IF RACEWAYS ARE SUPPORTING ACTIVE SYSTEMS OR BEING USED. PROTECT IF STILL IN USE. IF RACEWAYS ARE NOT BEING USED, REMOVE AT FLOOR LEVEL AND ROOF. PLUG AND SEAL/CAP OPENINGS.

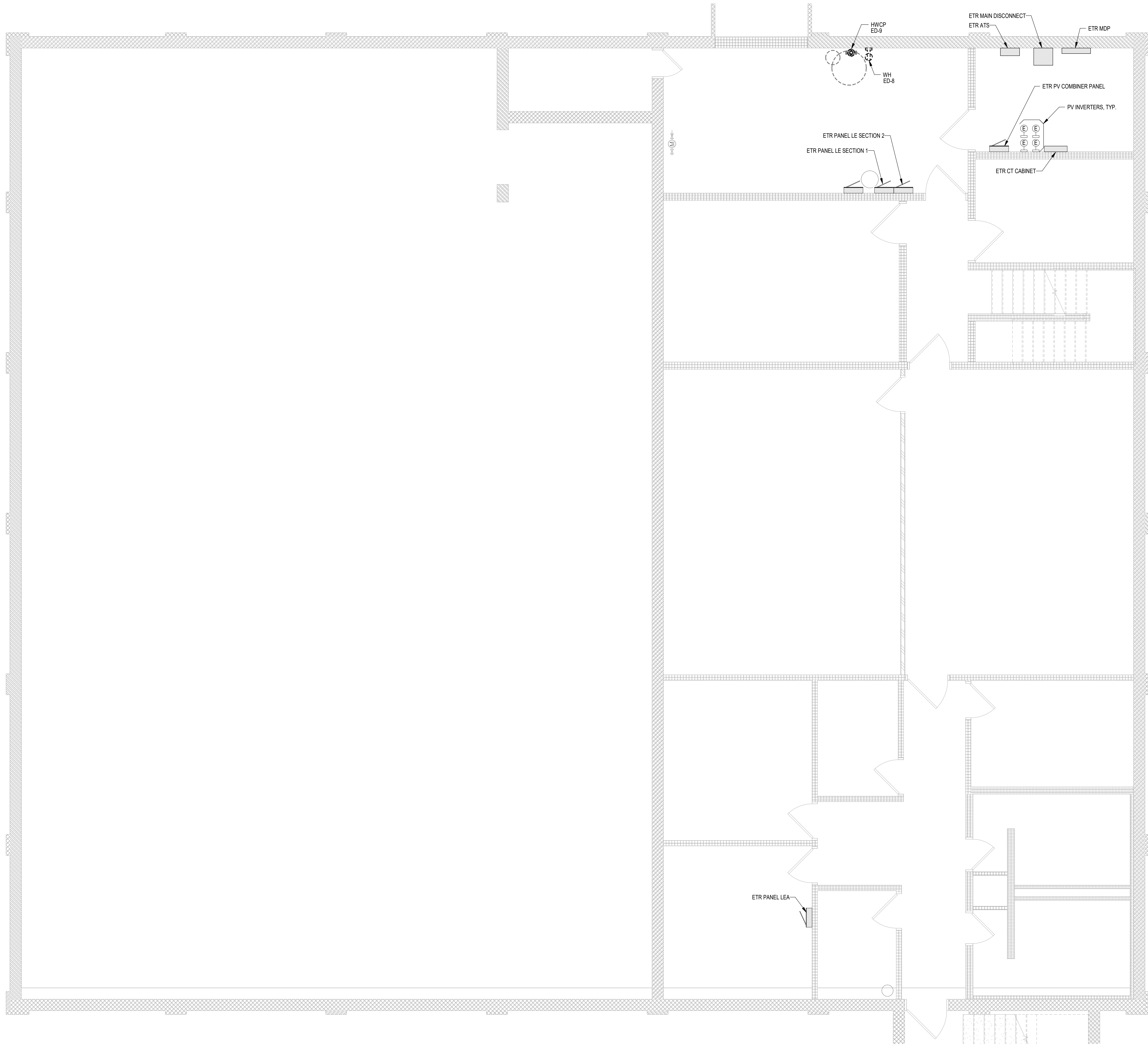
ELECTRICAL KEYED NOTES

E-1	PROVIDE NEW DOUBLE DUPLEX RECEPTACLE IN WIREMOLD #WH67472 SURFACE BOX. ROUTE SURFACE RACEWAY, WIREMOLD 700WH. FROM ABOVE ACCESSIBLE CEILING STRAIGHT DOWN TO SURFACE BOX.
E-2	UTILIZE EXISTING DEVICE OPENING. PROVIDE NEW BRANCH CIRCUIT WIRING FROM NEW PANEL UTILIZING EXISTING RACEWAY AND BOXES. INSTALL SURFACE BOX, WIREMOLD #WH67472, AND DOUBLE DUPLEX DEVICE.
E-3	INTERCEPT EXISTING CIRCUIT TO EQUIPMENT AND PULL NEW BRANCH CIRCUIT FROM NEW CIRCUIT BREAKER IN NEW PANELBOARD TO STARTER. REUSE EXISTING WIRING FROM STARTER TO EQUIPMENT.
E-4	INSTALL SALVAGED VANITY LIGHT FIXTURE ABOVE MIRROR ALONG VANITY. COORDINATE ELEVATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN. ALIGN FIXTURE TO BE CENTERED WITH THE VANITY.
E-5	PROVIDE KIDDE 800CAR, OR EQUIVALENT, CO AND PHOTOELECTRIC SMOKE ALARM THAT IS HARDWIRED WITH 120V POWER. INCLUDES BATTERY BACK-UP AND IS CAPABLE OF INTERCONNECTED TO OTHER DEVICES. PROVIDE INTERCONNECTION WIRE FROM DEVICE TO DEVICE THROUGHOUT THE FLOOR. COORDINATE FINAL LOCATION IN CEILING WITH LIGHT FIXTURES AND DIFFUSERS TO PROVIDE ADEQUATE COVERAGE AND CLEARANCES. PROVIDE AN ADDITIONAL (5) DETECTORS AND LABOR TO INSTALL FOR USE DURING THE PROJECT.
E-6	STATION ALERTING SPEAKERS WITH LIGHTS ARE FURNISHED AND INSTALLED BY OTHERS. EXISTING SPEAKERS SALVAGED DURING DEMOLITION SHALL BE TURNED OVER TO RACOM. RACOM SHALL INSTALL ALL SPEAKERS AND PULL CABLE FROM COILED LOCATION ON THE FLOOR TO EACH SPEAKER. PROVIDE 1" EMT SLEEVE, WITH BUSHINGS ON BOTH ENDS, ABOVE CEILING INTO EACH SPACE FOR USE BY RACOM TO RUN SPEAKER CABLEING.
E-7	PROVIDE DOUBLE GANG, EXTRA DEEP, JUNCTION BOX WITH SINGLE GANG REDUCING MILDING FOR FUTURE AV CONNECTION TO WALL BOX. CONNECT JUNCTION BOX TO BOTTOM OF AB-W1 WITH 1.25" EMT AND INCLUDE PULL STRING FOR FUTURE USE. BOX WILL BE USED BY OWNER IN FUTURE FOR POTENTIAL HOME OR OTHER AV CABLE CONNECTION.
E-8	PROVIDE NEW SURFACE MOUNTED DUPLEX, GFCI, RECEPTACLE FOR THE RELOCATED WATER HEATER. UTILIZE THE EXISTING CIRCUIT FROM DEMOLISHED WATER HEATER RECEPTACLE FOR THE NEW. COORDINATE LOCATION AND ELEVATION OF RECEPTACLE WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
E-9	PROVIDE NEW BOXES, RACEWAYS AND BRANCH CIRCUIT WIRING TO EXTEND EXISTING HOT WATER RECIRCULATION PUMP CIRCUIT TO THE NEW LOCATION. COORDINATE LOCATION OF CONNECTION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.

IN ASSOCIATION WITH



1 BASEMENT ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DEMOLITION KEY	
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

KEYED NOTES	
ED-8	EXISTING WATER HEATER TO BE DISCONNECTED AND REMOVED BY PLUMBING CONTRACTOR. DISCONNECT EXISTING RECEPTACLE AND REMOVE. NEW GFCI RECEPTACLE SHALL BE INSTALLED AS PART OF NEW WORK.
ED-9	DISCONNECT POWER FROM EXISTING HOT WATER CIRCULATION PUMP. EXISTING BRANCH CIRCUIT SHALL BE REUSED FOR NEW HWCP.

CITY OF DUBUQUE

**DBQ FIRE HQ BUNKROOM
REMODEL**

11 WEST 9TH STREET, DUBUQUE, IA 52001

SHEET TITLE

BASEMENT ELECTRICAL DEMOLITION PLAN

IN ASSOCIATION WITH



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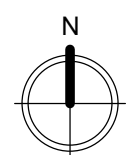
PROJECT NUMBER

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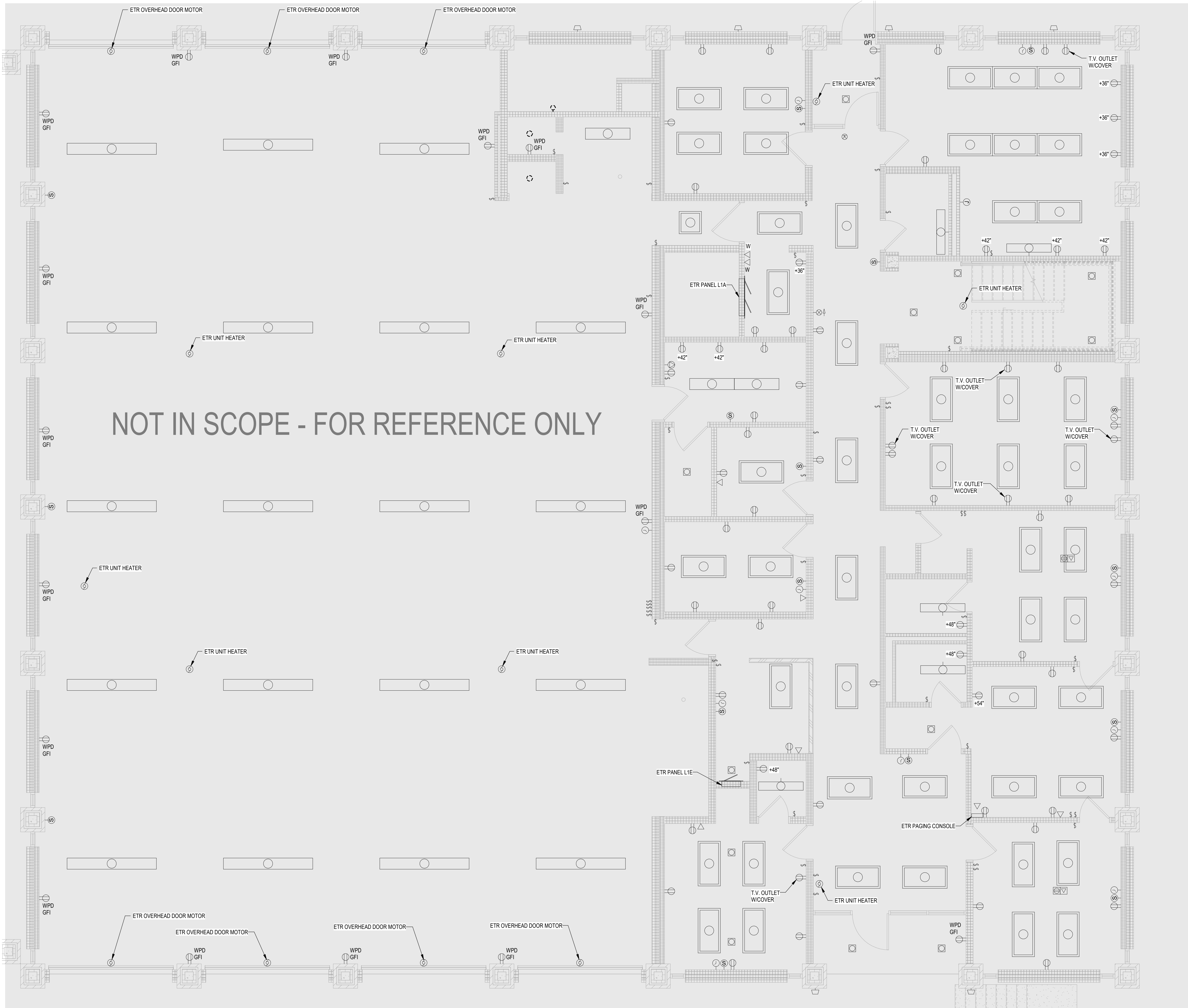
SHEET

ED1.0

30" X 42" Autodesk Docs/Dubuque Fire Station HQ Bunkroom Remodel - 20059MEP - Dubuque Fire Station HQ Bunkroom Remodel - 20059.rvt 6/10/2026 12:00:09 PM



1 MAIN LEVEL ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DEMOLITION KEY	
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

KEYED NOTES

CITY OF DUBUQUE

**DBQ FIRE HQ BUNKROOM
REMODEL**

11 WEST 9TH STREET, DUBUQUE, IA 52001

PROJECT NUMBER

2026319

SHEET

ED1.1

SHEET TITLE

MAIN LEVEL ELECTRICAL DEMOLITION PLAN

IN ASSOCIATION WITH

**DESIGN
ENGINEERS**
BUILDING SYSTEMS CONSULTANTS

Des Moines, IA 515.207.8676
Cedar Rapids, IA 319.841.1944
608.424.8815
Madison, WI

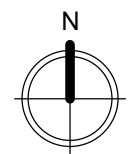


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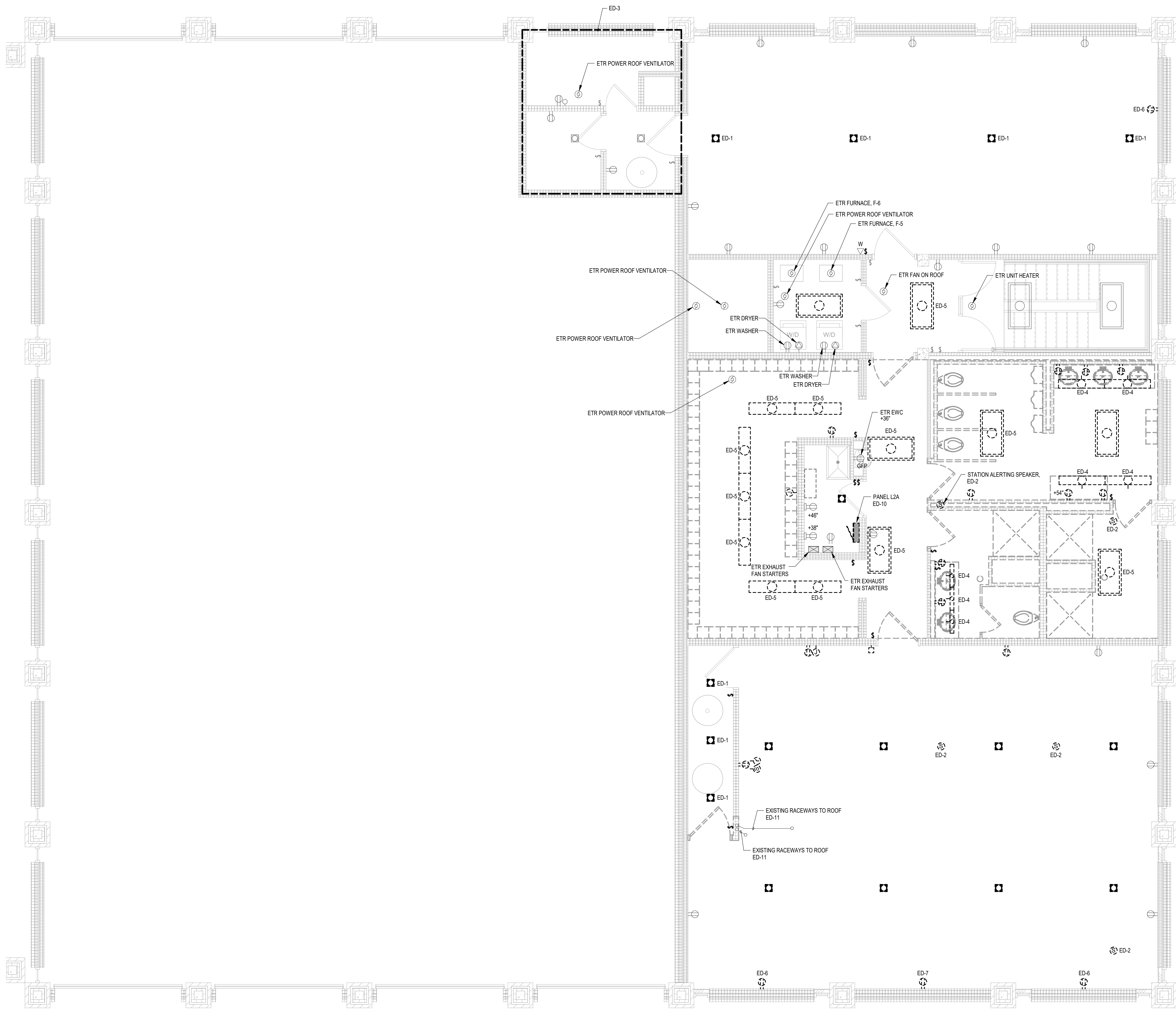
ARCHITECTURE / ENGINEERING / INTERIORS

DES MOINES, IA DUBUQUE, IA MILWAUKEE, WI
(515) 288-2000 (563) 583-4900 (414) 200-9660

SIOUX CITY, IA
(712) 252-3889



1 UPPER LEVEL ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DEMOLITION KEY	
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

KEYED NOTES	
ED-1	DISCONNECT AND REMOVE EXISTING LIGHTING. EXISTING BRANCH CIRCUIT SHALL BE SAVED AND REUSED IN NEW WORK. EXISTING LIGHTING CIRCUIT IS ASSUMED TO BE FED FROM EXISTING PANEL L1E. CONFIRM CIRCUIT DURING DEMOLITION.
ED-2	EXISTING ALERTING SYSTEM SPEAKER. DISCONNECT AND SAVE SPEAKER. REMOVE CABLE BACK TO FIRST SPEAKER ON THE FLOOR. AT LOCATION OF SPEAKER WIRING TO FLOOR, COIL SPEAKER CABLE FOR USE IN NEW WORK.
ED-3	AREA NOT INCLUDED IN SCOPE OF WORK. VERIFY CIRCUITS TO THIS AREA ARE MAINTAINED DURING DEMOLITION AND NEW WORK. PROVIDE ADDITIONAL RACEWAY, BOXES AND WIRING TO ADJUST BRANCH CIRCUIT WIRING TO MAINTAIN CIRCUITS IN THE AREA.
ED-4	DISCONNECT FIXTURE AND SAVE FOR REUSE IN NEW WORK. UNUSED FIXTURES SHALL BE TURNED OVER TO THE OWNER.
ED-5	DISCONNECT FIXTURE AND TURN OVER TO THE OWNER.
ED-6	REMOVE EXISTING DEVICE. OPENING AND BRANCH CIRCUIT WIRING SHALL BE REUSED IN NEW WORK.
ED-7	DISCONNECT AND REMOVE EXISTING DEVICE. REMOVE BOX AND WIRING FROM LOCATION. NEW WALL WILL COVER EXISTING LOCATION. PROVIDE ADDITIONAL RACEWAY, BOXES AND WIRING ON LEVEL BELOW TO MAINTAIN EXISTING CIRCUIT TO EXISTING LOCATIONS AFTER DEVICE IS REMOVED.
ED-10	DISCONNECT AND REMOVE EXISTING PANELBOARD. A NEW PANELBOARD SHALL BE INSTALLED AS PART OF NEW WORK. REMOVE METAL ENCLOSURE BELOW PANEL DURING DEMOLITION TO ACCESS RACEWAYS AND BRANCH CIRCUIT. PRIOR TO REMOVAL, VERIFY CIRCUITS SERVING FLOOR BELOW ARE IDENTIFIED AND OWNER IS AWARE OF OUTAGE PRIOR TO REMOVAL.
ED-11	ELECTRICAL CONTRACTOR SHALL INVESTIGATE USE AND CONDITION OF EXISTING RACEWAYS THROUGH THE SPACE TO THE ROOF. SECTION OF WALL WHERE RACEWAYS ARE CONCEALED IS BEING DEMOLISHED. RACEWAYS WILL BE EXPOSED IN NEW WORK. COORDINATE WITH OWNERS TO DETERMINE IF RACEWAYS ARE SUPPORTING ACTIVE SYSTEMS OR BEING USED. PROTECT IF STILL IN USE. IF RACEWAYS ARE NOT BEING USED, REMOVE AT FLOOR LEVEL AND ROOF, PLUG AND SEAL/CAP OPENINGS.

FEH DESIGN

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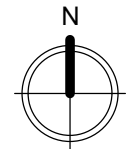
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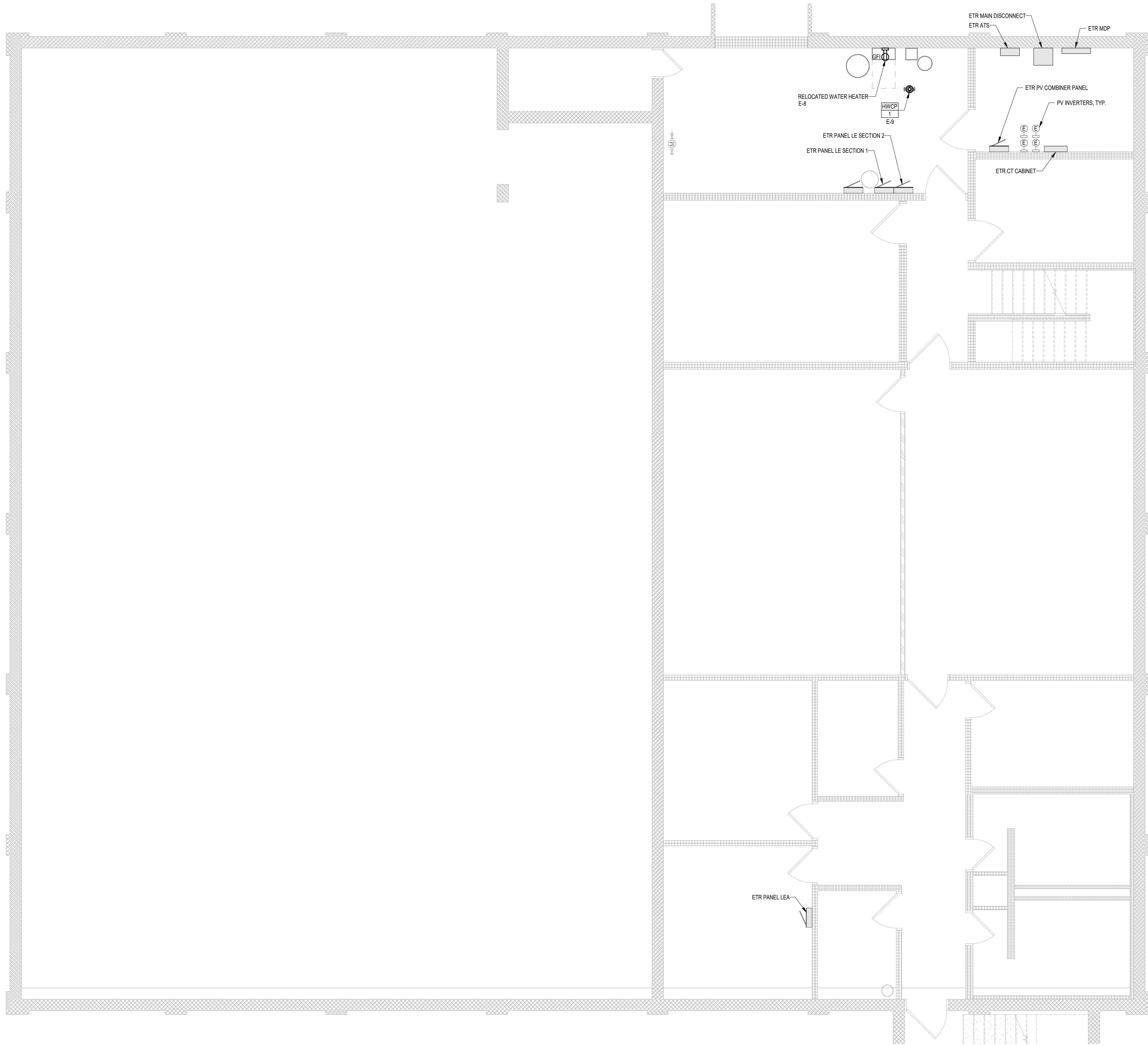
SHEET TITLE
UPPER LEVEL ELECTRICAL DEMOLITION PLAN

CITY OF DUBUQUE
**DBQ FIRE HQ BUNKROOM
REMODEL**
11 WEST 9TH STREET, DUBUQUE, IA 52001

DATE ISSUED 06-16-2026
REV. NO. DATE
PROJECT NUMBER
2026319
SHEET
ED1.2



1 BASEMENT POWER AND TECHNOLOGY PLAN
SCALE: 1/4" = 1'-0"



NEW WORK KEY	
	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

KEYED NOTES	
E-8	PROVIDE NEW SURFACE MOUNTED DUPLEX, GFCI, RECEPTACLE FOR THE RELOCATED WATER HEATER. UTILIZE THE EXISTING CIRCUIT FROM DEMOLISHED WATER HEATER RECEPTACLE FOR THE NEW. COORDINATE LOCATION AND ELEVATION OF RECEPTACLE WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
E-9	PROVIDE NEW BOXES, RACEWAYS AND BRANCH CIRCUIT WIRING TO EXTEND EXISTING HOT WATER RECIRCULATION PUMP CIRCUIT TO THE NEW LOCATION. COORDINATE LOCATION OF CONNECTION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.

CITY OF DUBUQUE

**DBQ FIRE HQ BUNKROOM
REMODEL**

11 WEST 9TH STREET, DUBUQUE, IA 52001

DATE ISSUED 06-16-2026
REV. NO. DATE

PROJECT NUMBER
2026319

SHEET
E2.0

IN ASSOCIATION WITH

**DESIGN
ENGINEERS[®]**
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MILWAUKEE, WI (414) 200-9660

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NEW WORK KEY

	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

DATE ISSUED 06-16-2026

REV. NO. DATE

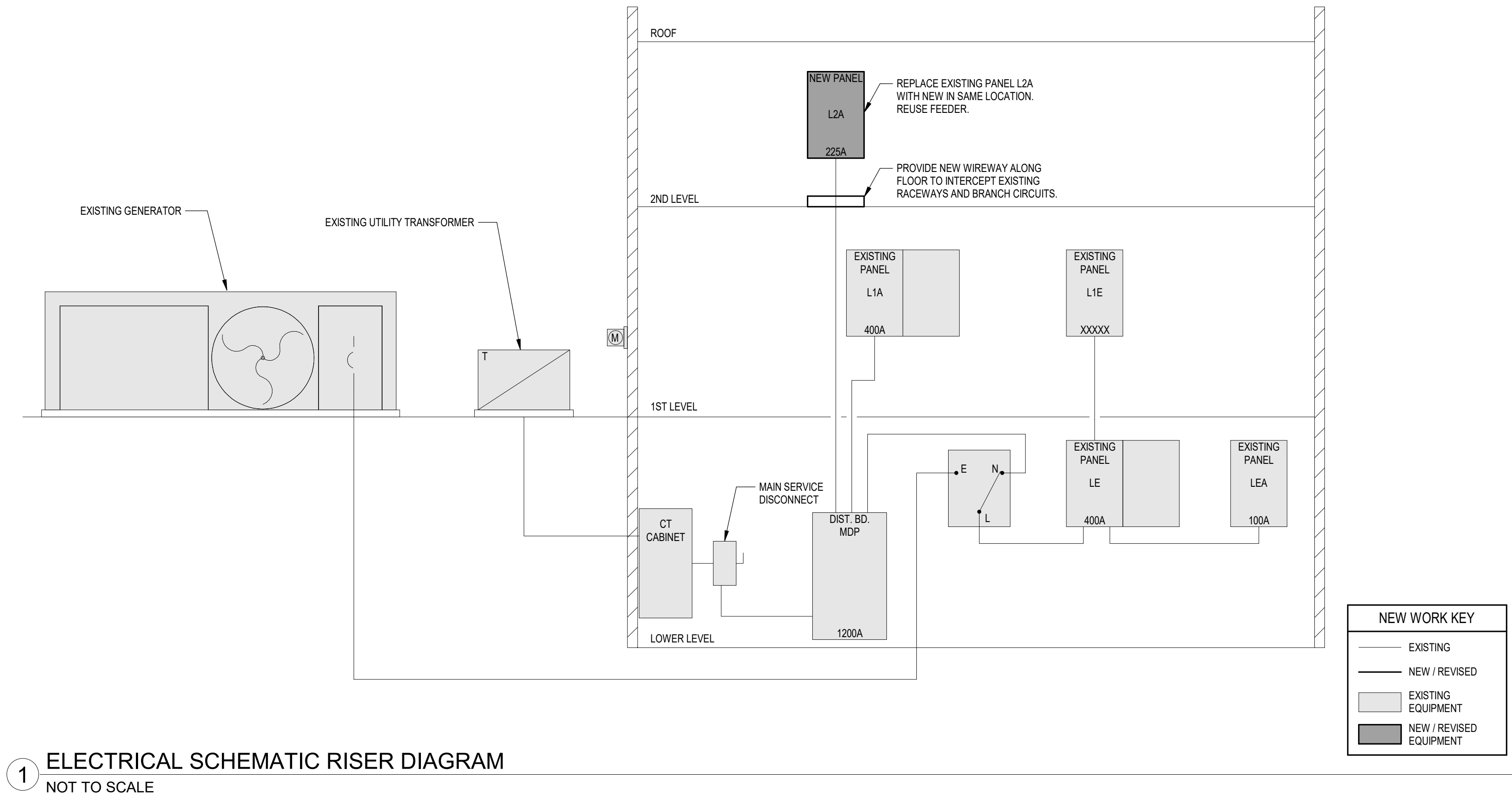
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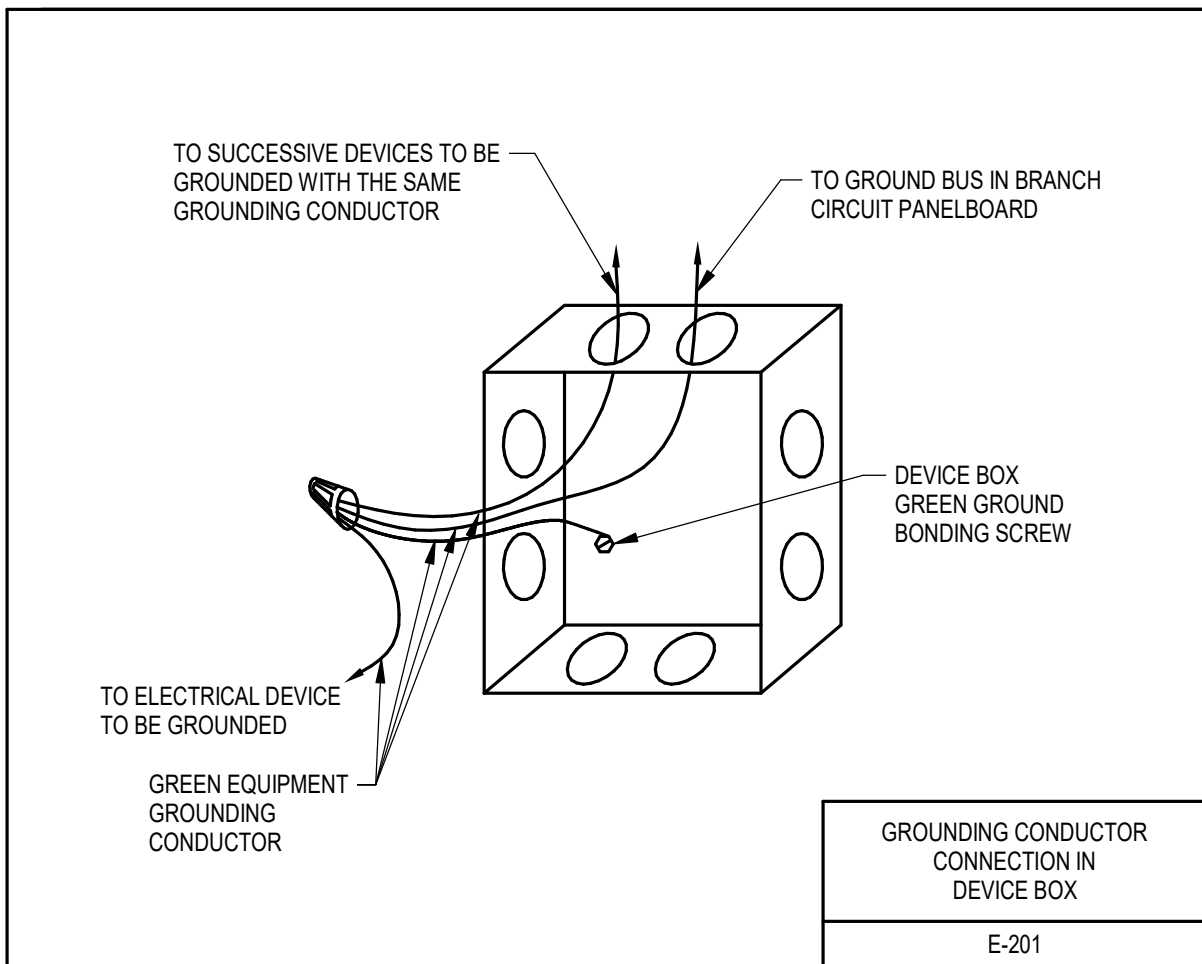
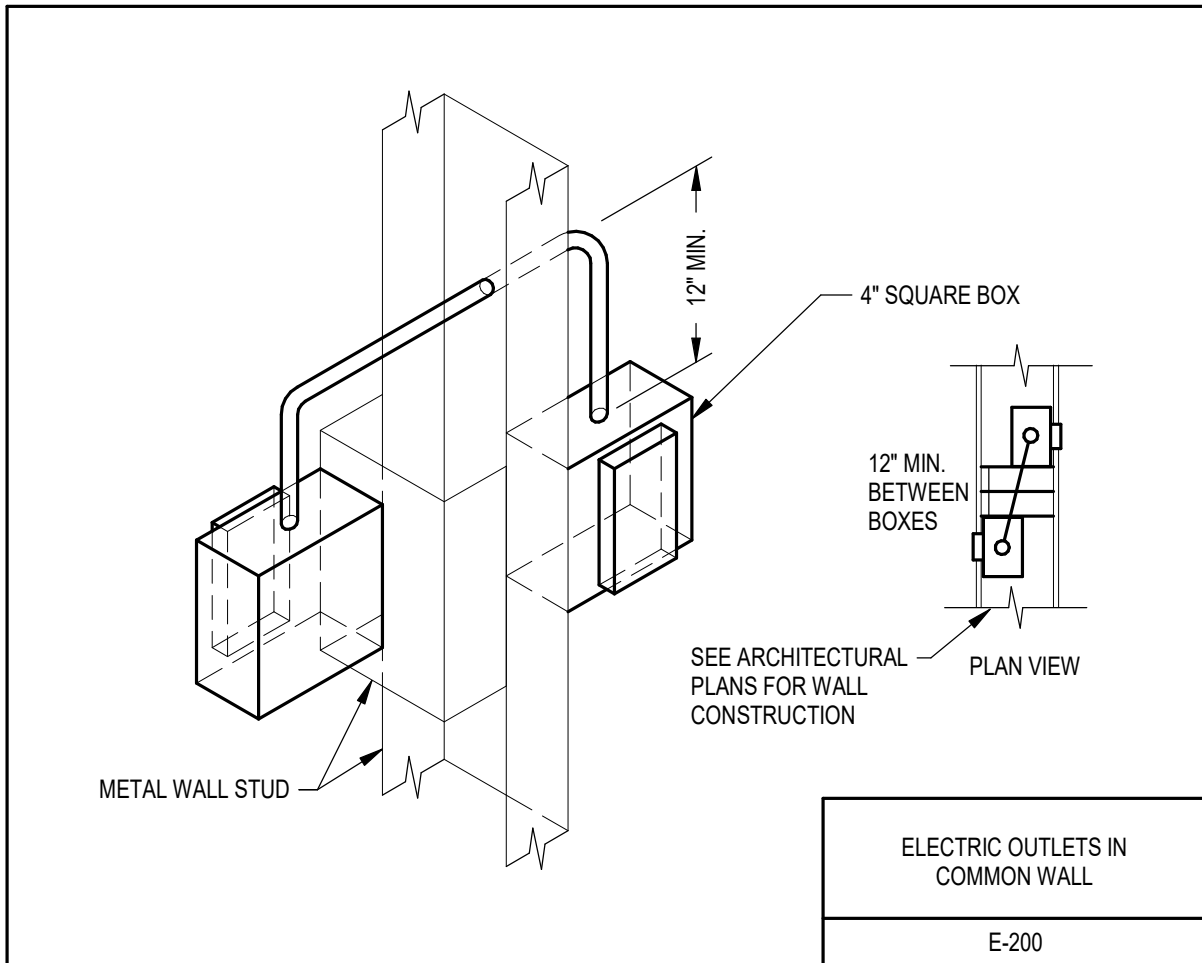
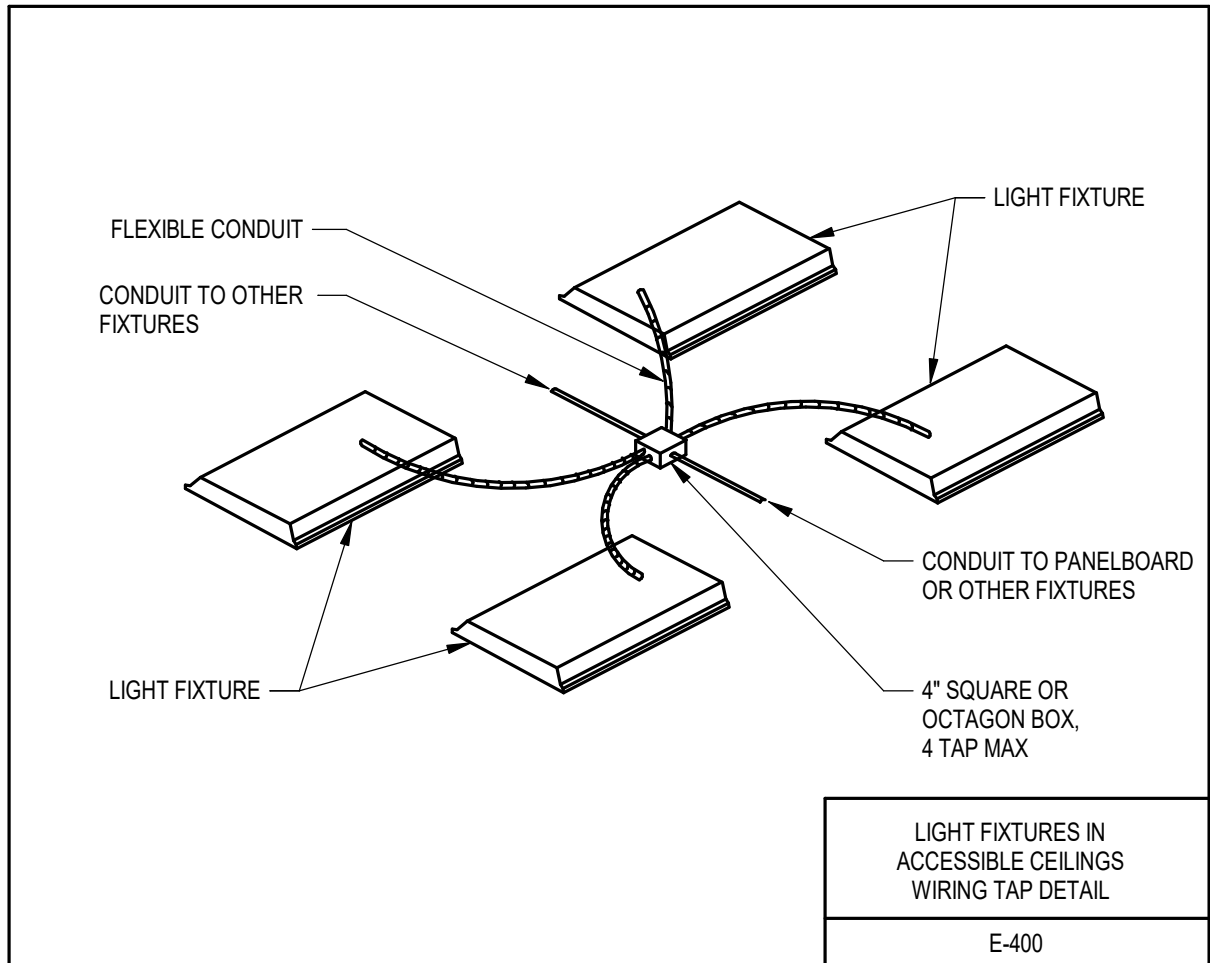
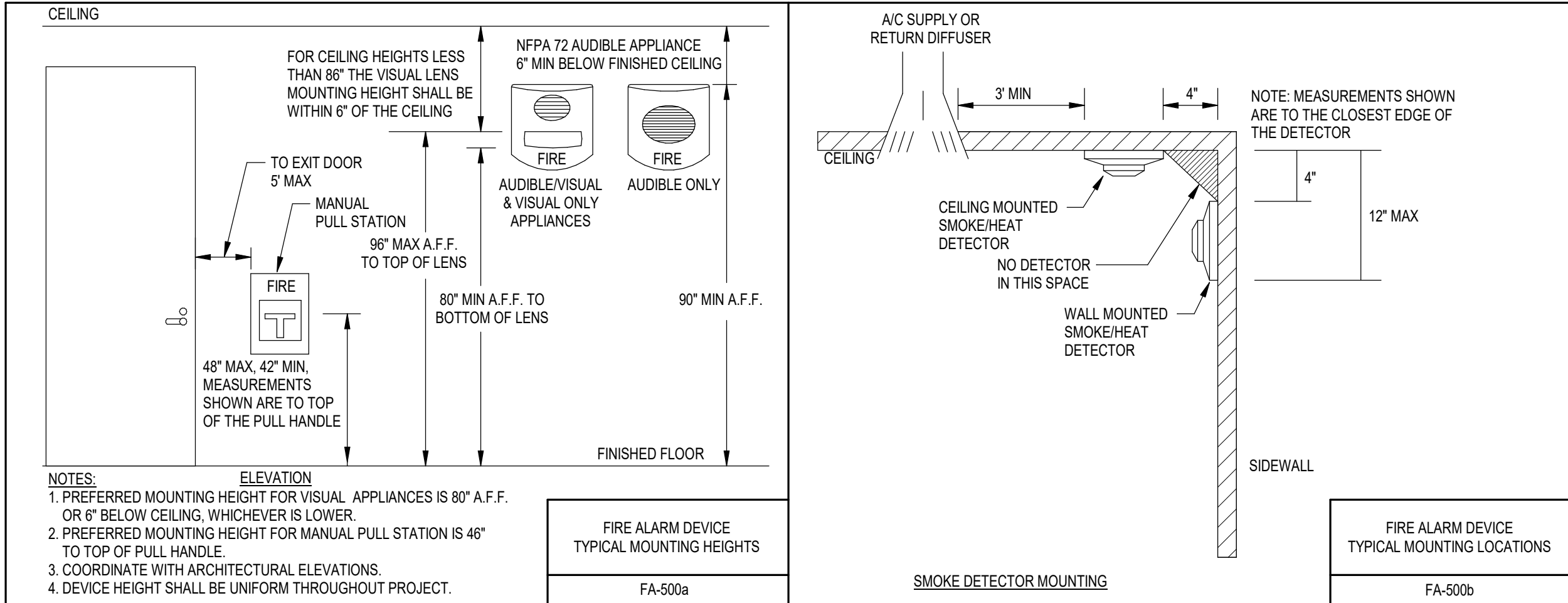
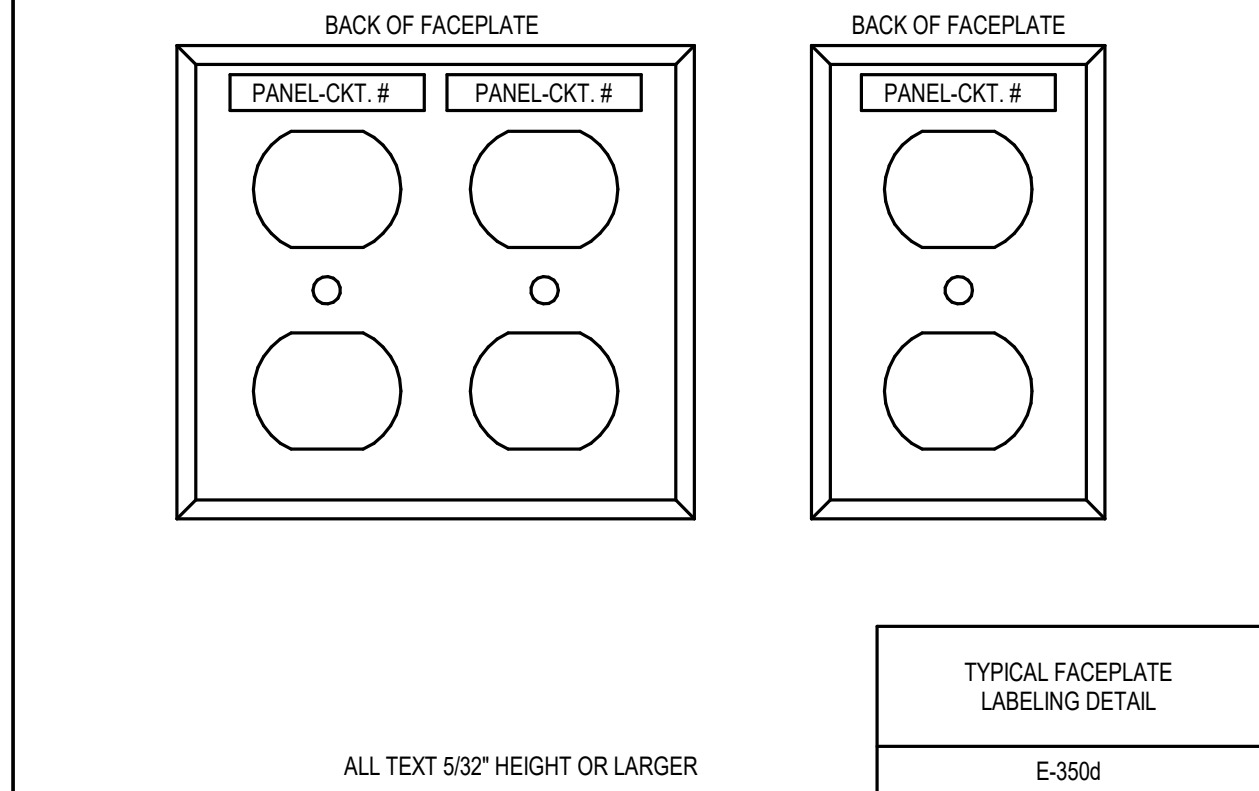
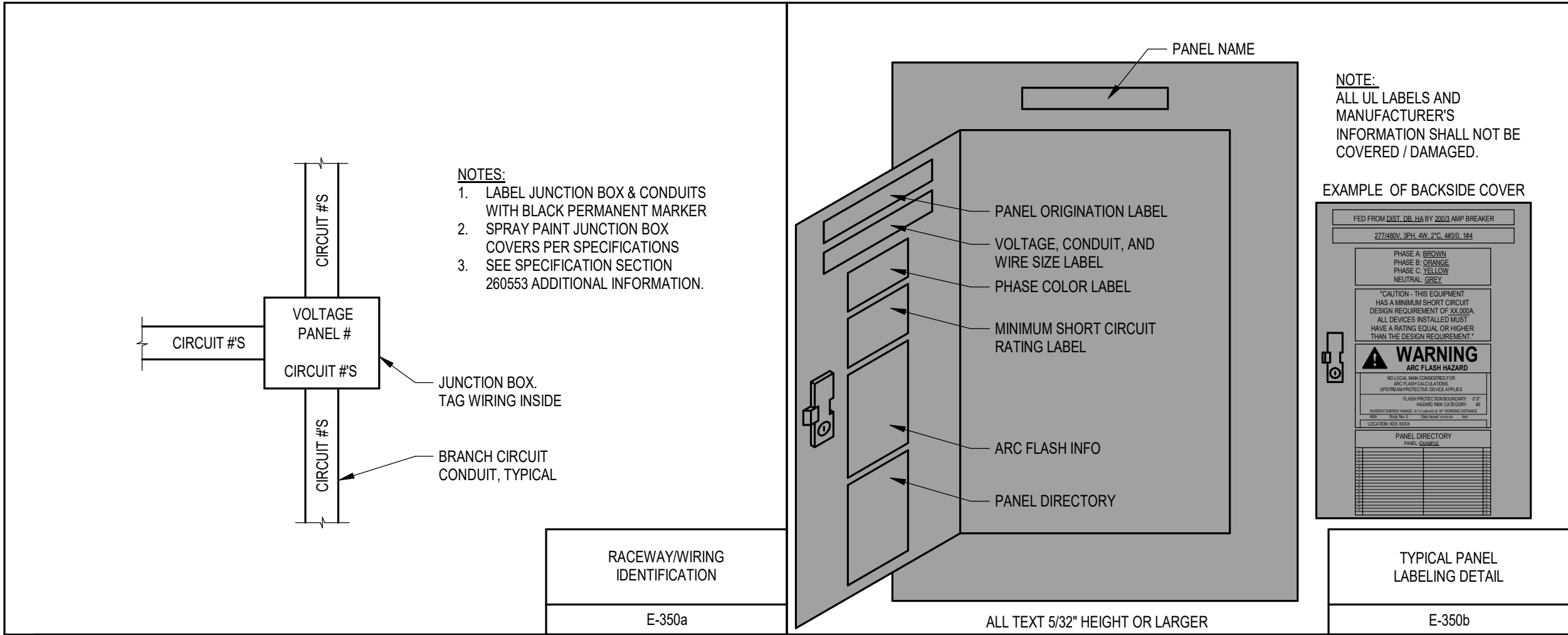
E2.2

PANEL SCHEDULE: L2A									
LOCATION: MECH 203			VOLTS: 208/120V		A.I.C. RATING: 10,000		TOTAL CONNECTED		
MOUNTING: SURFACE			PHASES: 3		MAINS TYPE: MLO		TOTAL LOAD: 29478 VA		
ENCLOSURE: TYPE 1			WIRES: 4		MAINS RATING: 225 A		TOTAL AMPS: 82 A		
CKT NO.	BRKR AMPS	P	DESCRIPTION	LOAD V.A.	LOAD V.A.	DESCRIPTION	P	BRKR AMPS	CKT NO.
1	30	3	EXISTING PRV-1, TOILET EF	--	346	N BUNKS & LAUNDRY LTG *AFCI	1	20	2
3	--	--		--	211	RESTROOM LTG	1	20	4
5	--	--		--	261	SOUTH BUNK LTG *AFCI	1	20	6
7	20	3	EXISTING PRV-6, HOSE TOWER	--	180	FURNACE 201 RECEPT	1	20	8
9	--	--		--	720	MECH 203 RECEPTS	1	20	10
11	--	--		--	180	DRINKING FOUNTAIN *GFI	1	20	12
13	20	1	EXISTING PRV-2, ON ROOF	--	2160	BUNK 202 AND 204 RECEPTS *AFCI	1	20	14
15	30	2	CU-1, ON ROOF *NOTE 2	--	900	BUNK 211 *AFCI	1	20	16
17	--	--		--	1800	BUNK 210 AND 212 RECEPTS *AFCI	1	20	18
19	20	2	CU-2, ON ROOF *NOTE 2	--	1620	BUNK 213 AND 214 RECEPTS *AFCI	1	20	20
21	--	--		--	1440	BUNK 215 AND 216 RECEPTS *AFCI	1	20	22
23	20	1	ROOF CU RECEPT *NOTE 2	--	720	CORRIDOR RECEPTS	1	20	24
25	30	2	DRYER #1	5000	360	RR 205 RECEPTS	1	20	26
27	--	--		--	360	RR 207 RECEPTS	1	20	28
29	30	2	DRYER #2	5000	360	RR 206 RECEPTS	1	20	30
31	--	--		--	360	RR 208 RECEPTS	1	20	32
33	20	1	WASHER RECEPT *GFI	1500	180	JANITOR 209 RECEPT	1	20	34
35	20	1	WASHER RECEPT *GFI	1500	--	SPARE *AFCI	1	20	36
37	20	1	DEN AND HOSE TOWER RECEPTS	360	--	SPARE *AFCI	1	20	38
39	20	1	DEN AND N. WALL RECEPTS *AFCI	540	--	SPARE *AFCI	1	20	40
41	20	1	BUNK ZZZ AND N. CORRIDOR *AFCI	1260	--	SPARE	1	20	42
43	20	1	BUNK ZZO AND ZZ1 RECEPTS *AFCI	1260	--	SPARE	1	20	44
45	20	1	DEN E. WALL RECEPTS	900	--	SPARE	1	20	46
47	20	1	SMOKE ALARMS *NOTE 3	--	--	SPARE	1	20	48
49	20	1	SPARE	--	--	SPARE	1	20	50
51	20	1	SPARE	--	--	SPACE	1	--	52
53	20	1	SPARE	--	--	SPACE	1	--	54
*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP									



LIGHT FIXTURE SCHEDULE													
PLAN MARK	BASIS OF DESIGN MANUFACTURER AND MODEL NUMBERS	APPROVED EQUIVALENT MANUFACTURERS AND SERIES	DESCRIPTION	LED DETAILS		QTY.	DRIVER		INPUT WATTS	VOLTS	CEILING TYPE	FIXTURE MOUNTING	NOTES
				COLOR (K)	LUMEN OUTPUT		TYPE	DIM MIN.					
LA	LITHONIA CLX-L48-3000LM-SEF-RDL-MVOLT-G210-35K-80CRI HC36 M12	DAYBRITE FSS METALUX SNLED COLUMBIA MPS	4' LED STRIP LIGHT FIXTURE	3500	3,000	1	0-10V	10%	27	120	OTS	CHAIN	1
LB	LITHONIA CPX-2X2-AL07-SWW7-M4	DAYBRITE SBP METALUX CGTS COLUMBIA CST	2X2 LED ZERO PLENUM FIXTURE	3500	3,350	1	0-10	10%	29	120	ACT	RECESSED	2
LC4	GOTHAM IV04-D-20LM-35K-80CRI-MWD-MIN10-MVOLT-ZT-NCH-P-AR-LSS-F	PRESCOLITE LTR-4RD LIGHTOLIER C4RDL PORTFOLIO LD4C	4' ROUND LED DOWNLIGHT	3500	2,000	1	0-10	10%	21	120	ACT	RECESSED	
LC6	GOTHAM IV06-D-20LM-35K-80CRI-MWD-MIN10-MVOLT-ZT-NCH-P-AR-LSS-F	PRESCOLITE LTR-6RD LIGHTOLIER C6RDL PORTFOLIO LD6C	6' ROUND LED DOWNLIGHT	3500	2,000	1	0-10	10%	21	120	ACT	RECESSED	
LD	JUNO JSF-7IN 10LM-SWW5-90CRI-MVOLT ZT-WH	LIGHTOLIER	7" ROUND LED SHOWER DOWNLIGHT	3500	1,000	1	0-10	10%	12	120	ACT	SURFACE	3
LF	EXISTING LED VANITY FIXTURE		48" LED VANITY FIXTURE	3500	4,660	1	ND	---	34	120	---	WALL/ SURFACE	4
KEY: 3W=THREE WIRE DIMMING 0-10=0-10V DIMMED DA=DIGITAL ADDRESSABLE ND=NON-DIMMED SD=STEP DIMMED DMX=DMX ENABLED													
GENERAL NOTES: A. REFER TO SPECIFICATION 26 5000 FOR ADDITIONAL REQUIREMENTS. B. PROVIDE A MINIMUM 5 YEAR WARRANTY FROM SUBSTANTIAL COMPLETION ON ALL LED PRODUCTS. C. EQUIVALENT MANUFACTURERS LISTED SHALL MEET PERFORMANCE REQUIREMENTS OF THE BASE FIXTURE SPECIFIED. EQUIVALENTS SHALL NOT CONSUME MORE THAN 10% IN WATTAGE OR BE LESS THAN 5% IN LUMENS. D. COORDINATE WITH ARCHITECTURAL CEILING PLANS FOR CEILING TYPES PRIOR TO SUBMITTAL PROCESS. VERIFY PLANNED CEILING TYPES COORDINATE WITH SPECIFIED FIXTURES. E. COORDINATE FIXTURES LOCATED IN NON-ACCESSIBLE CEILINGS ARE ACCESSIBLE FROM BELOW THROUGH THE FIXTURE, PRIOR TO SUBMITTAL PROCESS. F. COORDINATE DRIVER TYPE WITH THE LIGHTING CONTROL SYSTEM, PRIOR TO SUBMITTAL PROCESS. SPECIFIC NOTES: 1. CHAIN SUSPENDED FIXTURE SHALL BE INSTALLED ABOVE TOP OF DOOR ELEVATION. COORDINATE INSTALLATION OF CHAIN WITH OWNER FOR CEILING TYPE COORDINATION IN THE SPACE PRIOR TO INSTALLATION OF ANCHORS FOR CHAIN. 2. FIXTURE HAS SELECTABLE SETTINGS. UTILIZE SCHEDULE TO ADJUST FIXTURE SELECTABLE SETTINGS TO THOSE SHOWN. 3. MOUNT FIXTURE TO JUNCTION BOX IN CEILING. SEAL AROUND FIXTURE AT CEILING CONNECTION TO KEEP MOISTURE OUT OF THE JUNCTION BOX. 4. REUSE EXISTING FIXTURE SALVAGED DURING DEMOLITION. VERIFY EXISTING SETTINGS AND ADJUST TO MATCH SCHEDULE. PROVIDE NEW END CAPS AS NEEDED.													

LIGHTING CONTROL DEVICE SCHEDULE				
PLAN MARK	MANUFACTURER PART NO.	DESCRIPTION	MOUNTING	NOTES
OS-A	WATTSTOPPER LMDG-100	LOW VOLTAGE DUAL TECH SENSOR	CEILING	2
OS-B	WATTSTOPPER WS-301	LINE VOLTAGE PIR SENSOR	WALL / SWITCH	
OS-C	WATTSTOPPER DT-355	LINE VOLTAGE DUAL TECH SENSOR	CEILING	
D1	LUTRON DVSTV-WH	0-10V DIMMER/SWITCH	WALL	1
L1A	WATTSTOPPER LMSW-211-WH	LOW VOLTAGE DIMMER/SWITCH	WALL	2
GENERAL NOTES: A. LOCATIONS OF CEILING DEVICES MAY REQUIRE ADJUSTMENT AFTER INSTALLATION. REFER TO 26 0923 FOR SPARE CABLE REQUIREMENTS. B. REFER TO SPECIFICATION SECTION 26 0923 - LIGHTING CONTROL SYSTEMS FOR MORE INFORMATION. NOTES: 1. PROVIDE WITH SCREWLESS WALL PLATE, LUTRON KCW-1-WH OR EQUIVALENT FOR EACH DEVICE LOCATION. 2. REFER TO DRAWINGS FOR SEQUENCE OF OP. PROVIDE DIMMING LOAD CONTROLLER.				



EQUIPMENT SCHEDULE										
PLAN MARK	DESCRIPTION	PANEL	VOLTS /PH	HP/ WATTS	FLA	MCA	MAX FUSE/ MOCPD	FEEDER	DISC @ UNIT	REMARKS
HWCP-1	HOT WATER CIRC PUMP		120/1	0.45 HP	9.8	12.25	20	3/4" (3)#12, (1)#12 GND		
KEY:										
CMS= COMB. MOTOR STARTER			FWE= FURNISHED W/ EQUIP					SSY= BUSSMAN FUSES/SWITCH UNIT		
DDC= DIRECT DIGITAL CONTROL			MCA= MIN CKT. AMP					WP= WEATHERPROOF		
FLA= FULL LOAD AMPS			NF= NON-FUSED					WS= WITHIN SITE		
FRA= FRACTIONAL HP			SPSW= SINGLE POLE SWITCH					VFD= VAR. FREQ. DRIVE		
NOTES:										

ACTIVATION BOX SCHEDULE		
PLAN MARK	AB-W1	
DESCRIPTION	DISPLAY WALL BOX	
FLOOR/WALL TYPE	STEEL STUD/GYPSUM	
MODEL INFORMATION		
QUANTITY OF OPENINGS (GANGS)	4	
MANUFACTURER	FGR	
BOX MODEL NUMBER	PWB-253	
COVER MODEL NUMBER	---	
FINISH	WHITE	
POWER		
DUPLEX RECEPTACLE QTY.	1	
CONDUIT	3/4"	
TECHNOLOGY		
MOUNTING PLATE MODEL NUMBER	---	
CONDUIT	1.25"	
SCHEMATIC DETAIL NUMBER	N/A	
NOTES	1.2	
GENERAL NOTES: A. PROVIDE ALL NECESSARY COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. B. PROVIDE BLANK COVER PLATES FOR ALL UN-USED OPENINGS. C. CONFIRM COVER PLATE TYPES AND FINISHES WITH ARCHITECT. D. CONFIRM ROUGH-IN LOCATION WITH ARCHITECTURAL FLOOR PLANS AND ELEVATIONS PRIOR TO ROUGH-IN. NOTES: 1. PROVIDE 1" EMT RACEWAY IN NEW WALL FROM BOX TO ABOVE ACCESSIBLE CEILING FOR FUTURE DATA CABLE TO BOX. 2. PROVIDE 1.25" EMT RACEWAY IN NEW WALL FROM BOX TO DOUBLE GANG J-BOX BELOW AB-W1 FOR USE OF HDMI CABLEING.		