

# **APPENDIX I**

# **CONSTRUCTION PLANS**



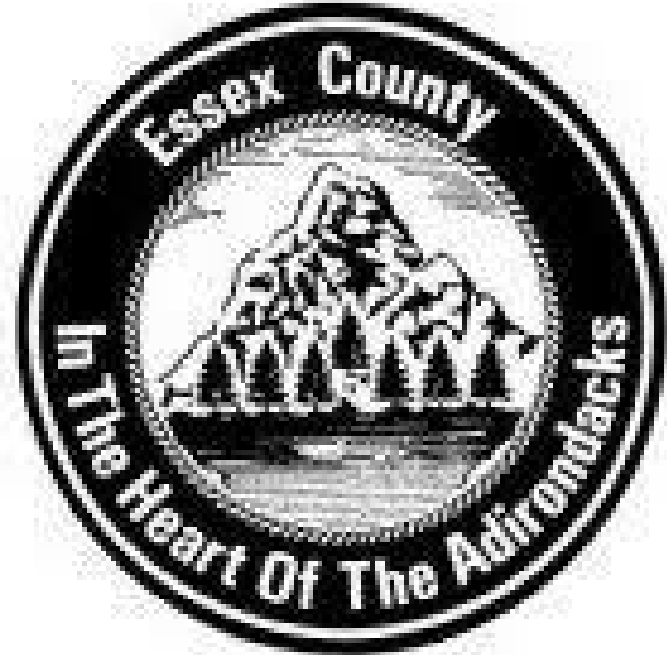
# CONTRACT DRAWINGS FOR THE CONSTRUCTION OF JAY EMERGENCY SHELTER UPGRADE

**11 SCHOOL LANE  
AU SABLE FORKS, NY 12912**

C&S PROJECT NO. 655.006.001

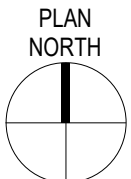
FINAL REVIEW SUBMISSION

**MAY 23, 2019**



TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THE  
PLANS AND SPECIFICATIONS FOR THIS PROJECT ARE IN  
COMPLIANCE WITH THE NEW YORK STATE ENERGY CONSERVATION  
CONSTRUCTION CODE AND THE BUILDING CODE OF NEW YORK  
STATE

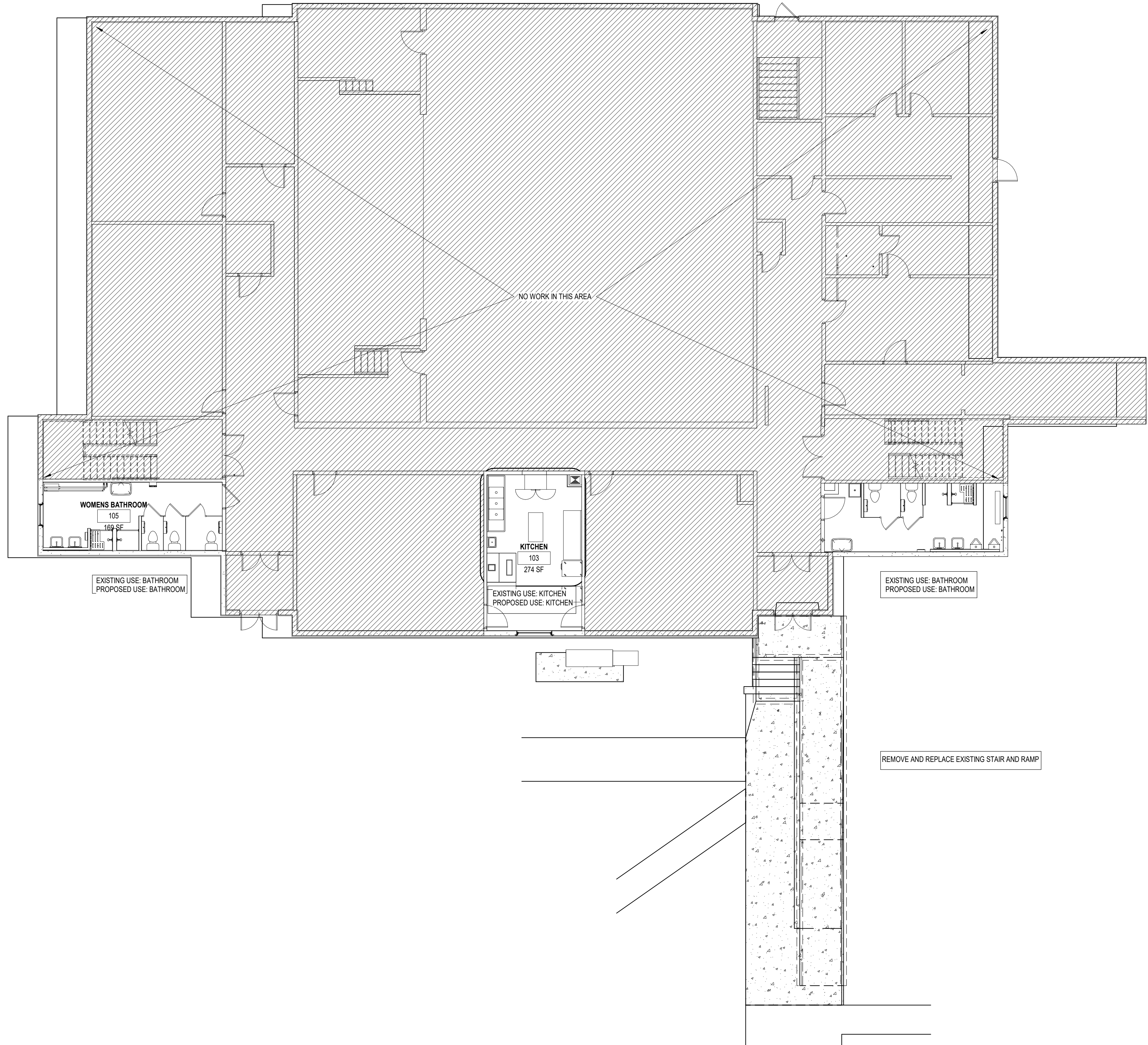
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LAW



**LOCATION MAP**

DRAWING LIST	
A-000	CODE COMPLIANCE
A-001	SYMBOLS, ABBREVIATIONS, LEGENDS & DETAILS
A-002	PARTITION LEGEND
A-003	TYPICAL DETAILS
A-101	FIRST FLOOR PLAN
A-111	FIRST FLOOR REFLECTED CEILING PLAN
A-401	MEN'S BATHROOM ENLARGED PLAN & ELEVATION
A-402	WOMEN'S BATHROOM ENLARGED PLAN
A-403	ENLARGED KITCHEN PLAN (ALTERNATE #2)
A-601	SCHEDULES AND DOOR DETAILS
AD-101	FIRST FLOOR DEMOLITION PLAN
C-100	DEMOLITION PLAN
C-101	SITE PLAN
C-501	DETAILS
E-001	SYMBOLS, ABBREVIATIONS, NOTES, DETAILS AND SCHEDULES
E-101	BASEMENT PLAN
E-102	FIRST FLOOR PLAN
ED-101	FIRST FLOOR DEMOLITION PLAN
K-101	KITCHEN PLAN
M-001	SYMBOLS, ABBREVIATIONS, NOTES, DETAILS AND SCHEDULES
M-101	BASEMENT AND FIRST FLOOR MECHANICAL PLAN
MD-101	MECHANICAL BASEMENT DEMOLITION PLAN, SCHEMATIC AND DETAILS
P-001	LEGEND, DETAILS AND SCHEDULES
P-101	BASEMENT AND FIRST FLOOR PLUMBING PLAN
PD-101	BASEMENT AND FIRST FLOOR PLUMBING DEMOLITION PLAN
PD-102	DEMOLITION PHOTOS

**G-0000**



**2015 INTERNATIONAL BUILDING CODE WITH 2017 NYS SUPPLEMENT**

**CHAPTER 3 - Use and Occupancy Classification**

- A. Classification & Incidental Uses**
- 303.4, (A-3) Assembly Group – Community Halls
  - 304.1 Business Group B - Civic administration

**2015 INTERNATIONAL EXISTING BUILDING CODE**

- CHAPTER 5**
- Section 504 - Alteration - Level 2: Reconfiguration of space, less than 50% of building.

**2015 INTERNATIONAL ENERGY CONSERVATION CODE**

- No changes to building envelope

**CHAPTER 5 – General Building Heights and Areas**

- A. General Height and Area Limitations**  
Group B occupancy, Type I-B construction (Unsprinklered)
- No change to building area and building height

**CHAPTER 6 - Types of Construction**

1. Table 601 – Fire-Resistance Rating Requirements for Building Elements, Type II-B
- Structural Frame: 0 hour
  - Bearing Walls: 0 hour
  - Non-Bearing Walls: 0 hour
  - Floor Construction: 0 hour
  - Roof Construction: 0 hour

**CHAPTER 7 – Fire and Smoke Protection Features**

- A. Shaft Enclosures**  
713.4 Fire-resistance Rating  
Shaft enclosures shall have a fire-resistance rating of not less than 2 hours where connecting four stories or more, and not less than 1 hour where connecting less than four stories. The number of stories connected by the shaft enclosure shall include any basements but not any mezzanines. Shaft enclosures shall have a fire-resistance rating not less than the floor assembly penetrated, but need not exceed 2 hours.

**CHAPTER 8 – Interior Finishes**

- A. Interior Finishes**
1. Table 803.11, Interior Wall and Ceiling Finish Requirements by Occupancy
- Group B, unsprinklered
    - Interior exit stairways and ramps and exit passageways: A
    - Corridors and enclosure for exit access stairways and ramps: B
    - Rooms and enclosed spaces: C

**CHAPTER 9 – Fire Protection Systems**

- No modifications proposed.

**CHAPTER 10 – Means of Egress**

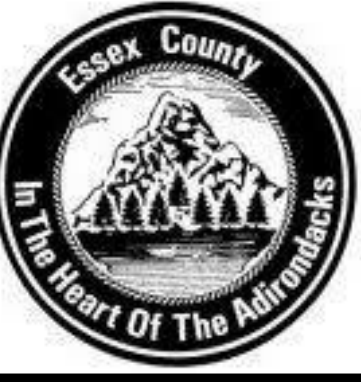
- No modifications proposed.

**2015 PLUMBING CODE OF NEW YORK STATE**

- A. Fixtures, Faucets and Fixture Fittings (Chapter 4)**
1. Table 403.1 - Minimum Number of Required Fixtures (No change to existing)
- Water Closets
    - Male: 3 existing, 2 Water closets, 2 urinals provided.
    - Female: 3 existing 3 provided.
  - Lavatories
    - Male: 1 existing, 2 provided.
    - Female: 1 existing, 2 provided.
  - Bathtub/Shower
    - Male: 1 existing, 2 provided.
    - Female: 1 existing, 2 provided.
  - Drinking Fountain: 1 per 500 = 1 Required (3 provided)
  - Service Sink: 1 existing, 1 provided.



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UPGRADE  
11 SCHOOL LANE  
AU SABLE FORKS, NY 12912**

MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO: 655.006.001  
DATE: MAY 23, 2019  
DRAWN BY: Author  
DESIGNED BY: Designer  
CHECKED BY: Checker

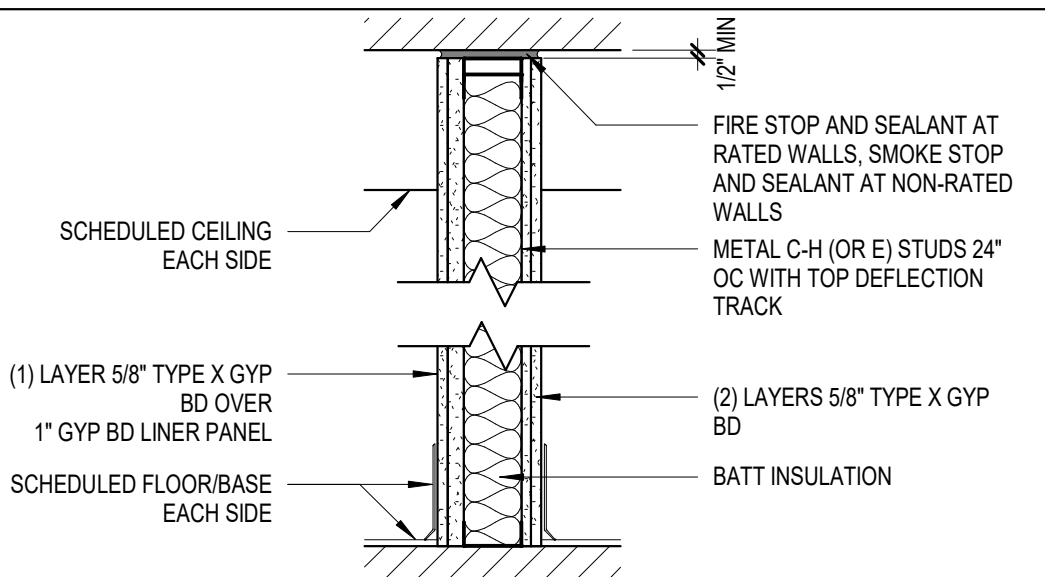
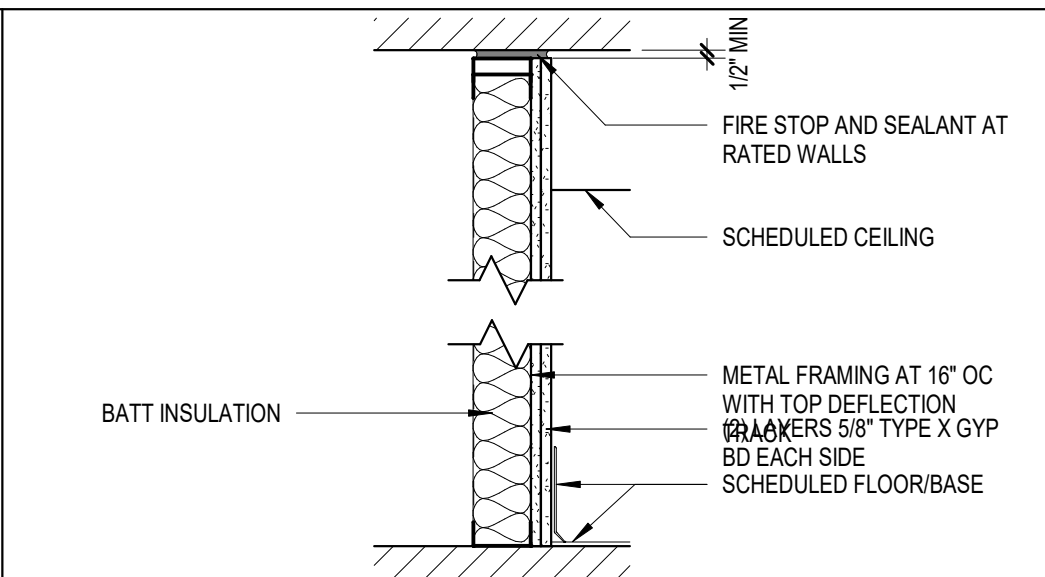
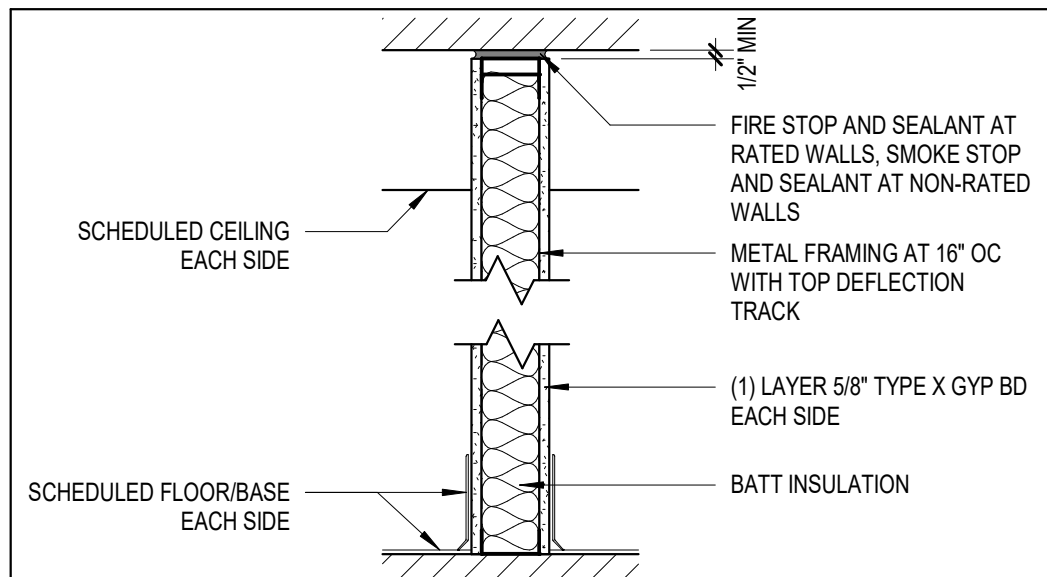
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**CODE COMPLIANCE**

**A-000**



C



TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MA-1	GWB	2-7/8"	1-5/8"	-	-	-
MA-2	GWB	3-3/4"	2-1/2"	-	-	-
MA-3	GWB	4-7/8"	3-5/8"	-	-	-
MA-4	GWB	5-1/4"	4"	-	-	-
MA-6	GWB	7-1/4"	6"	-	-	-

TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
ME-1	GWB	2-7/8"	1-5/8"	-	-	-
ME-2	GWB	3-3/4"	2-1/2"	-	-	-
ME-3	GWB	4-7/8"	3-5/8"	-	-	-
ME-4	GWB	5-1/4"	4"	-	-	-
ME-6	GWB	7-1/4"	6"	-	-	-

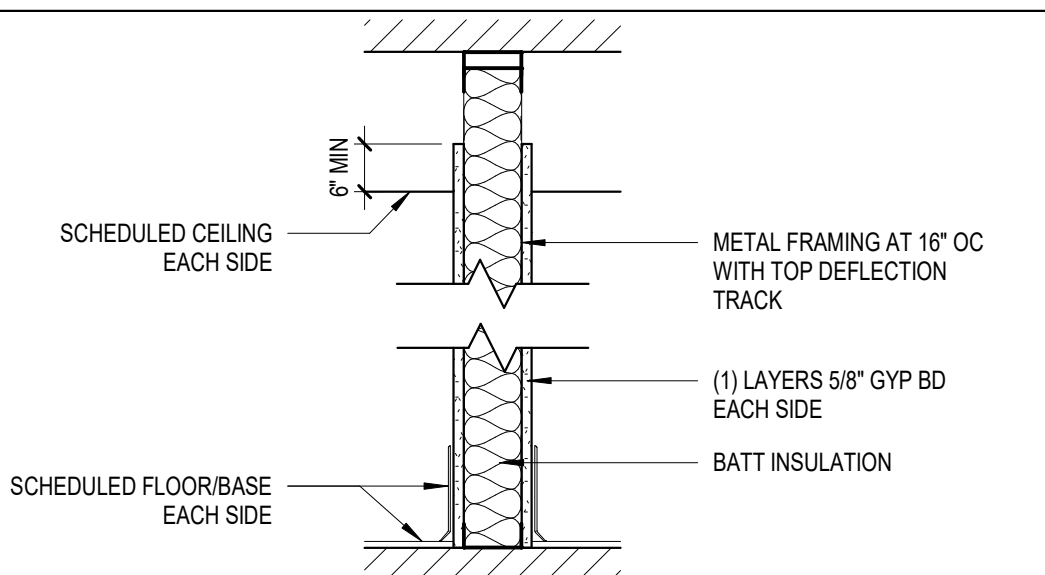
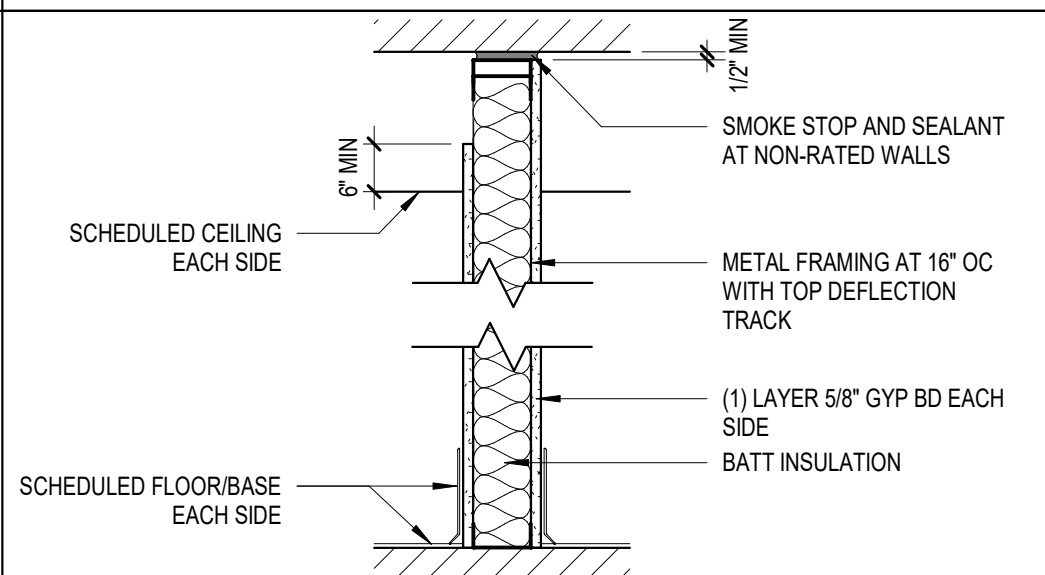
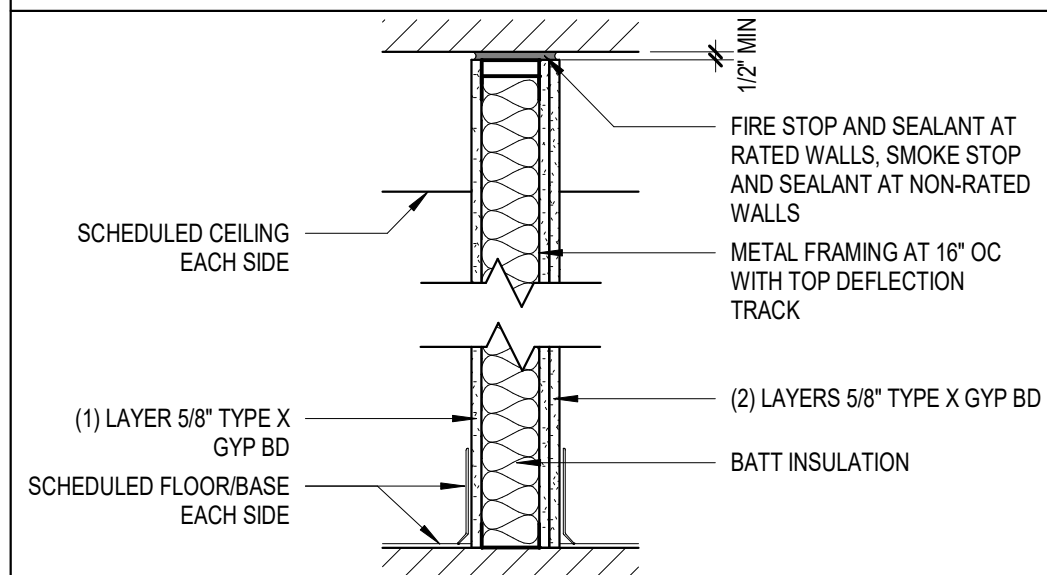
TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MJ-2	GWB	5-3/8"	2-1/2"	-	-	-
MJ-3	GWB	6-1/2"	3-5/8"	-	-	-
MJ-4	GWB	6-7/8"	4"	-	-	-
MJ-6	GWB	8-7/8"	6"	-	-	-

1 HR RATING - UL DESIGN U465 (WHERE INDICATED)

2 HR RATING - UL DESIGN U420 (WHERE INDICATED) WHEN USED AS DOUBLE CHASE WALL

3 HR RATING - UL DESIGN U415 (WHERE INDICATED)

B



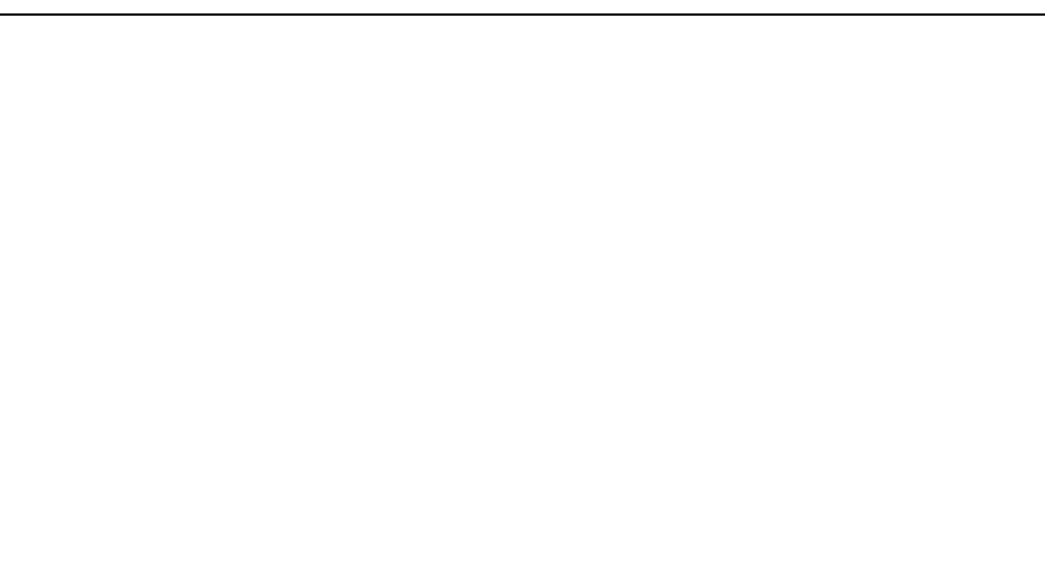
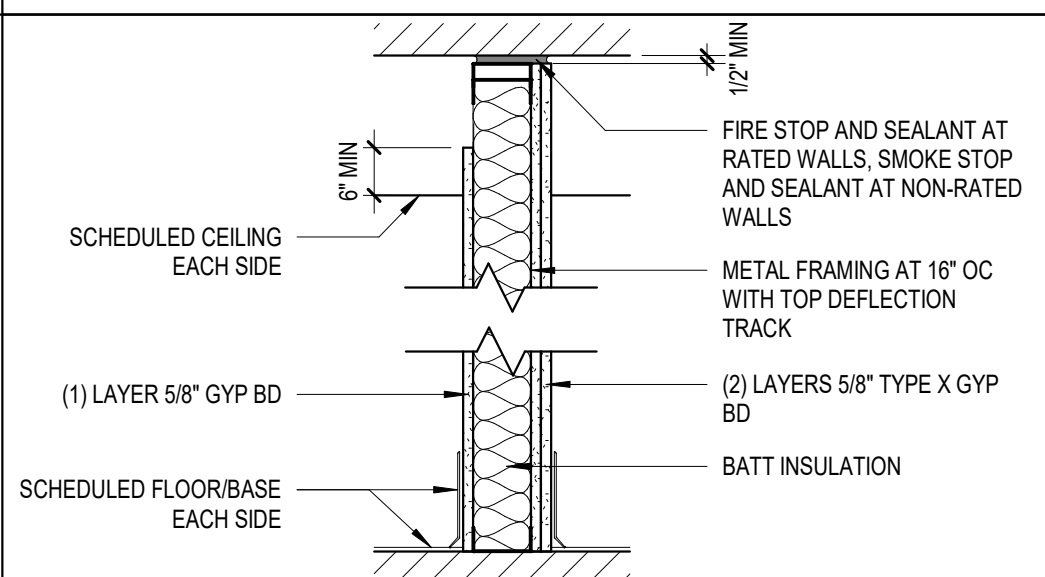
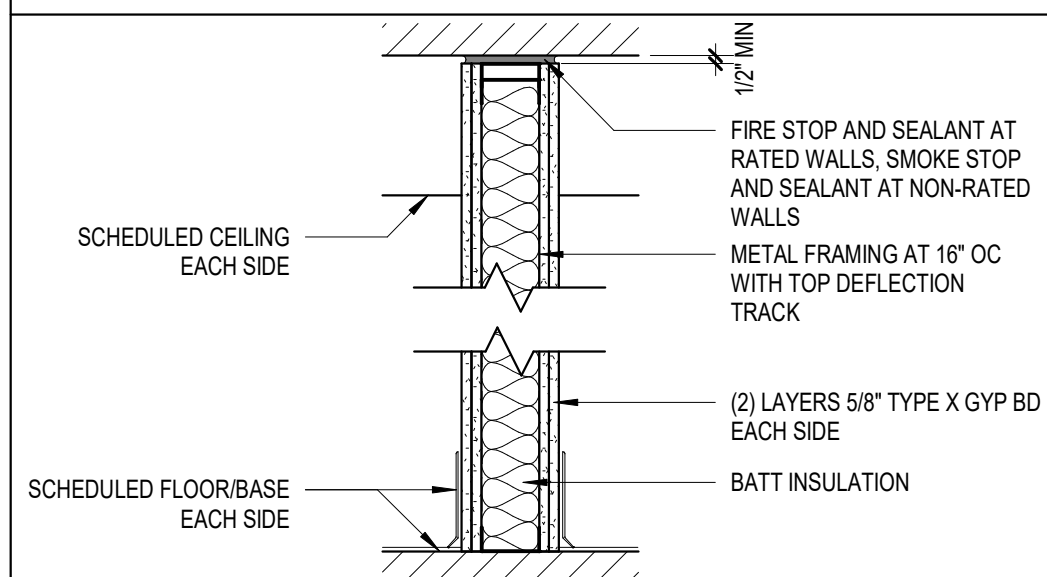
TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MB-1	GWB	3-1/2"	1-5/8"	-	-	-
MB-2	GWB	4-3/8"	2-1/2"	-	-	-
MB-3	GWB	5-1/2"	3-5/8"	-	-	-
MB-4	GWB	5-7/8"	4"	-	-	-
MB-6	GWB	7-7/8"	6"	-	-	-

TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MF-1	GWB	2-7/8"	1-5/8"	-	-	-
MF-2	GWB	3-3/4"	2-1/2"	-	-	-
MF-3	GWB	4-7/8"	3-5/8"	-	-	-
MF-4	GWB	5-1/4"	4"	-	-	-
MF-6	GWB	7-1/4"	6"	-	-	-

TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MK-1	GWB	2-7/8"	1-5/8"	-	-	-
MK-2	GWB	3-3/4"	2-1/2"	-	-	-
MK-3	GWB	4-7/8"	3-5/8"	-	-	-
MK-4	GWB	5-1/4"	4"	-	-	-
MK-6	GWB	7-1/4"	6"	-	-	-

1 HR RATING - UL DESIGN (WHERE INDICATED)

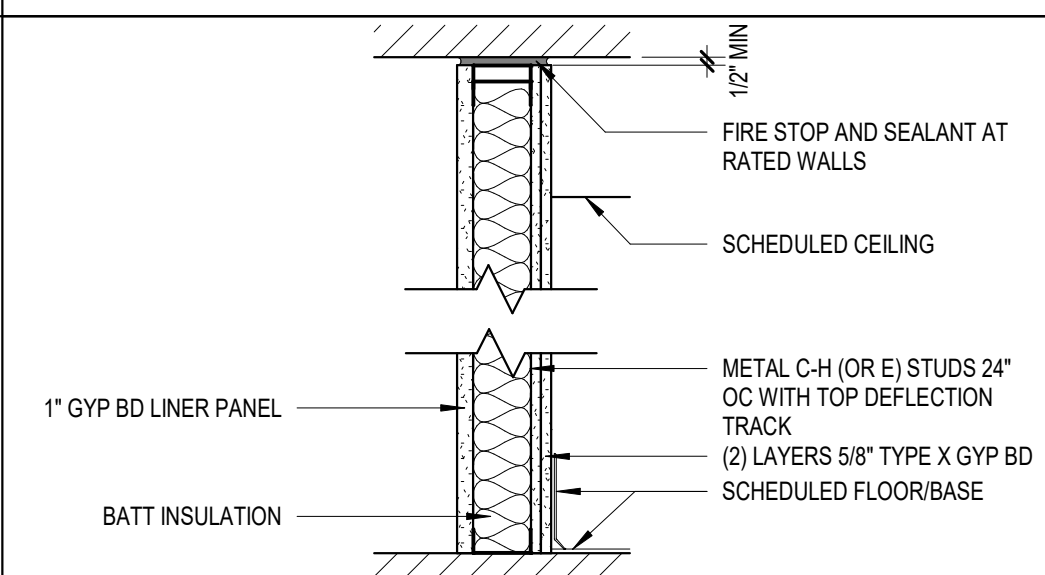
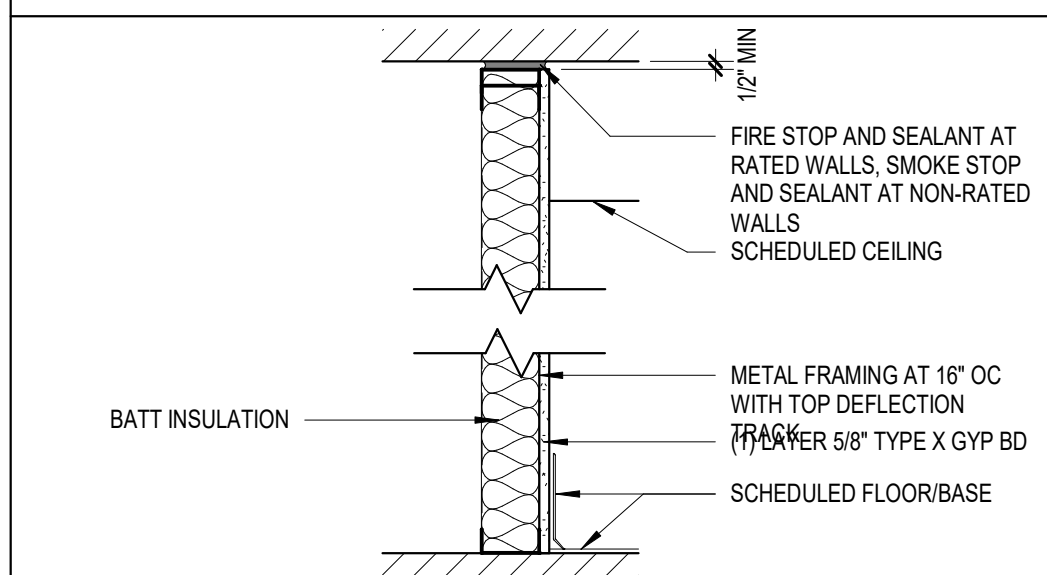
A



TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MC-1	GWB	4-1/8"	1-5/8"	-	-	-
MC-2	GWB	5"	2-1/2"	-	-	-
MC-3	GWB	6-1/8"	3-5/8"	-	-	-
MC-4	GWB	6-1/2"	4"	-	-	-
MC-6	GWB	8-1/2"	6"	-	-	-

TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MG-1	GWB	3-1/2"	1-5/8"	-	-	-
MG-2	GWB	4-3/8"	2-1/2"	-	-	-
MG-3	GWB	5-1/2"	3-5/8"	-	-	-
MG-4	GWB	5-7/8"	4"	-	-	-
MG-6	GWB	7-7/8"	6"	-	-	-

2 HR RATING - UL DESIGN U411 OR U412 (WHERE INDICATED)



TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MD-1	GWB	2-1/4"	1-5/8"	-	-	-
MD-2	GWB	3-1/8"	2-1/2"	-	-	-
MD-3	GWB	4-1/4"	3-5/8"	-	-	-
MD-4	GWB	4-5/8"	4"	-	-	-
MD-6	GWB	6-5/8"	6"	-	-	-

TYPE	MATERIAL	DEPTH	STUD	FIRE RATING	UNBRACED HEIGHT	DESCRIPTION
MH-2	GWB	4-3/4"	2-1/2"	-	-	-
MH-4	GWB	6-1/4"	4"	-	-	-
MH-6	GWB	8-1/4"	6"	-	-	-

1 HR RATING - UL DESIGN U420 (WHERE INDICATED) WHEN USED AS A DOUBLE CHASE WALL

2 HR RATING - UL DESIGN U438 (WHERE INDICATED)

A1 PARTITION LEGEND  
SCALE: 1" = 1'-0"



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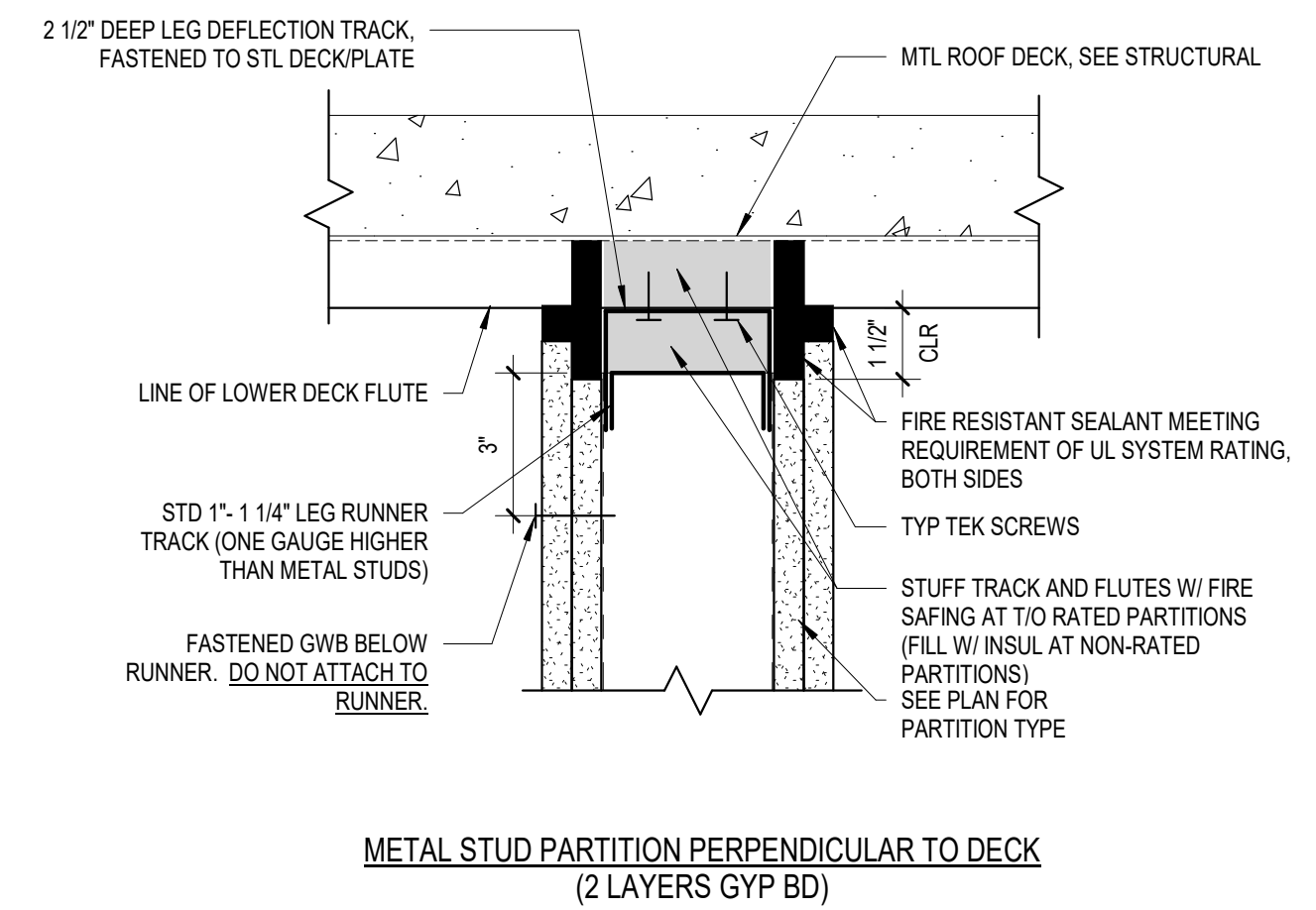
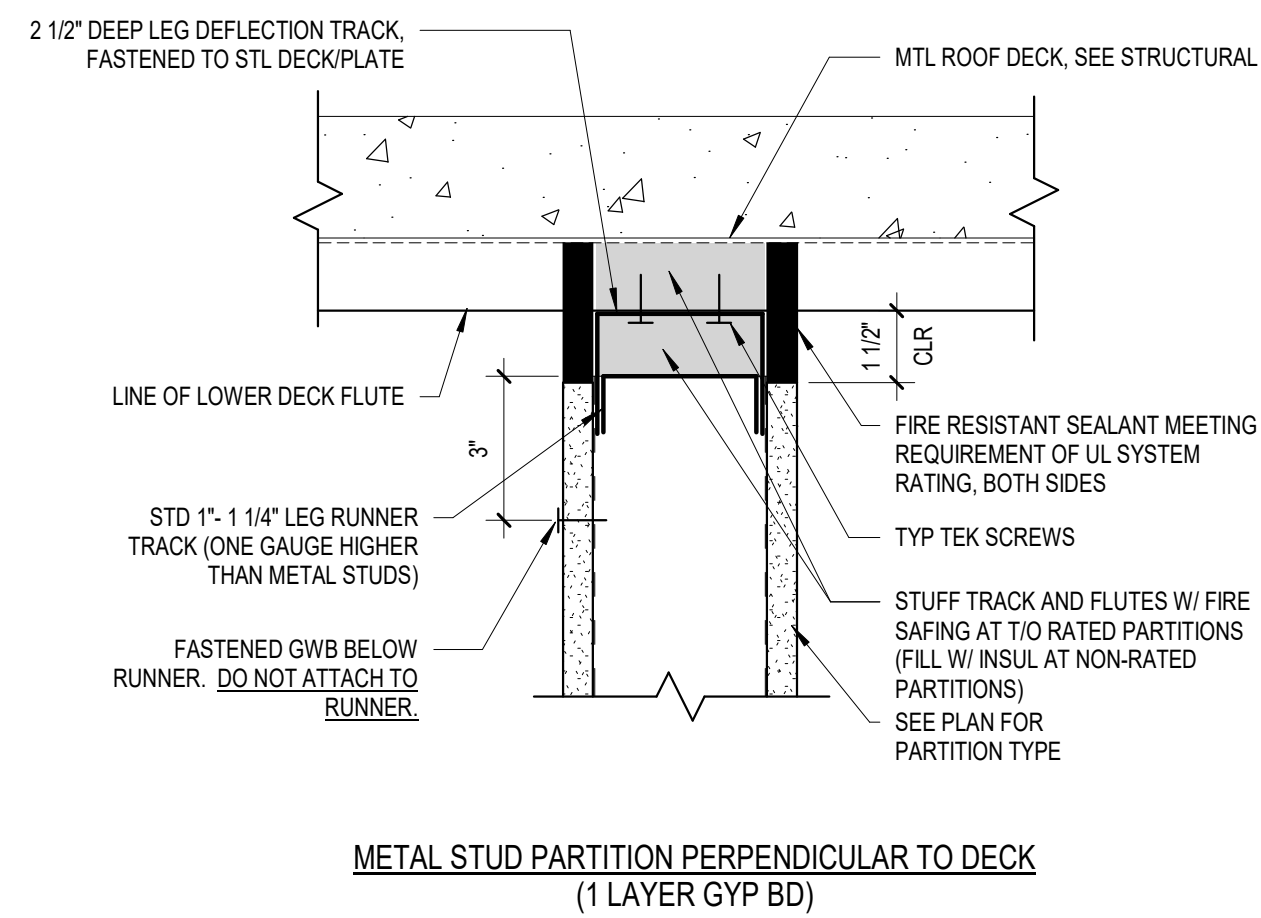
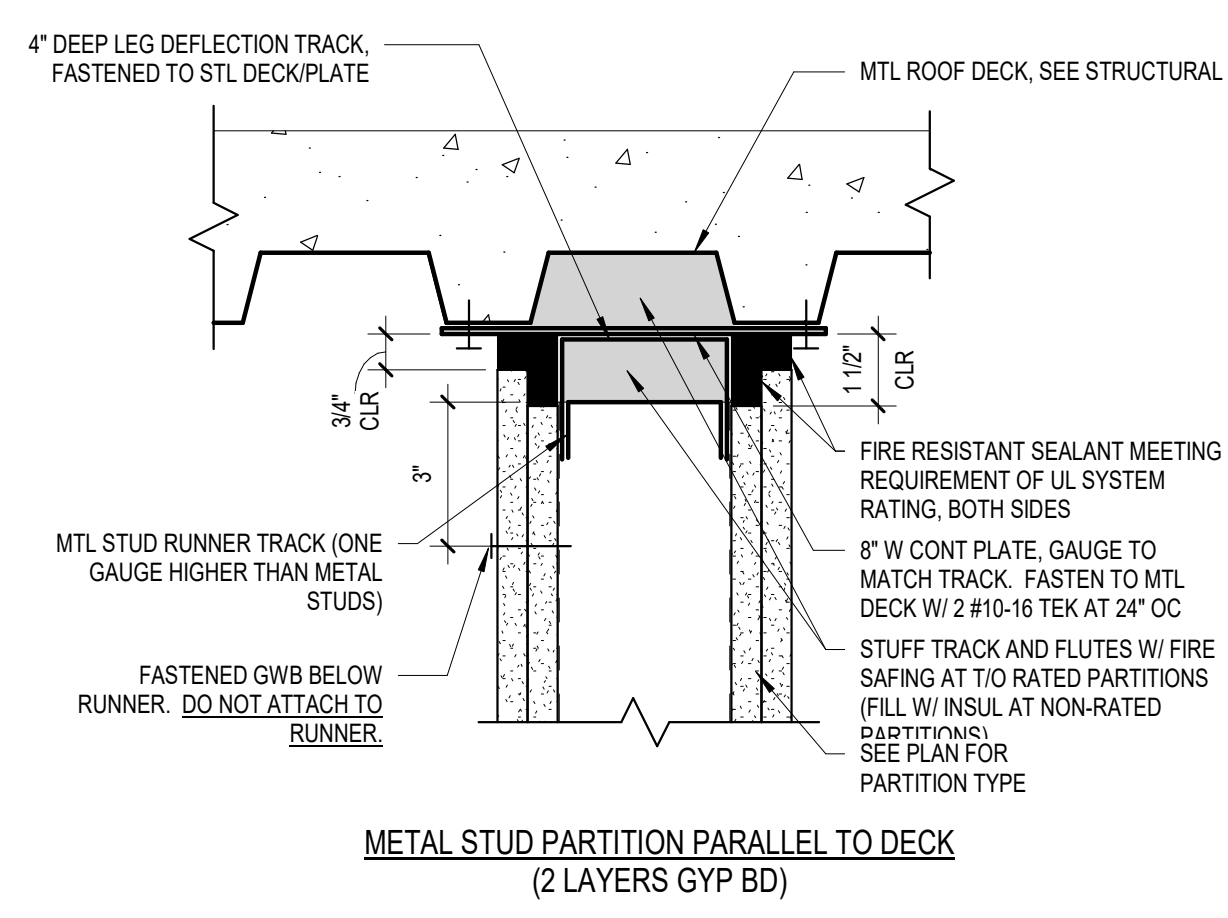
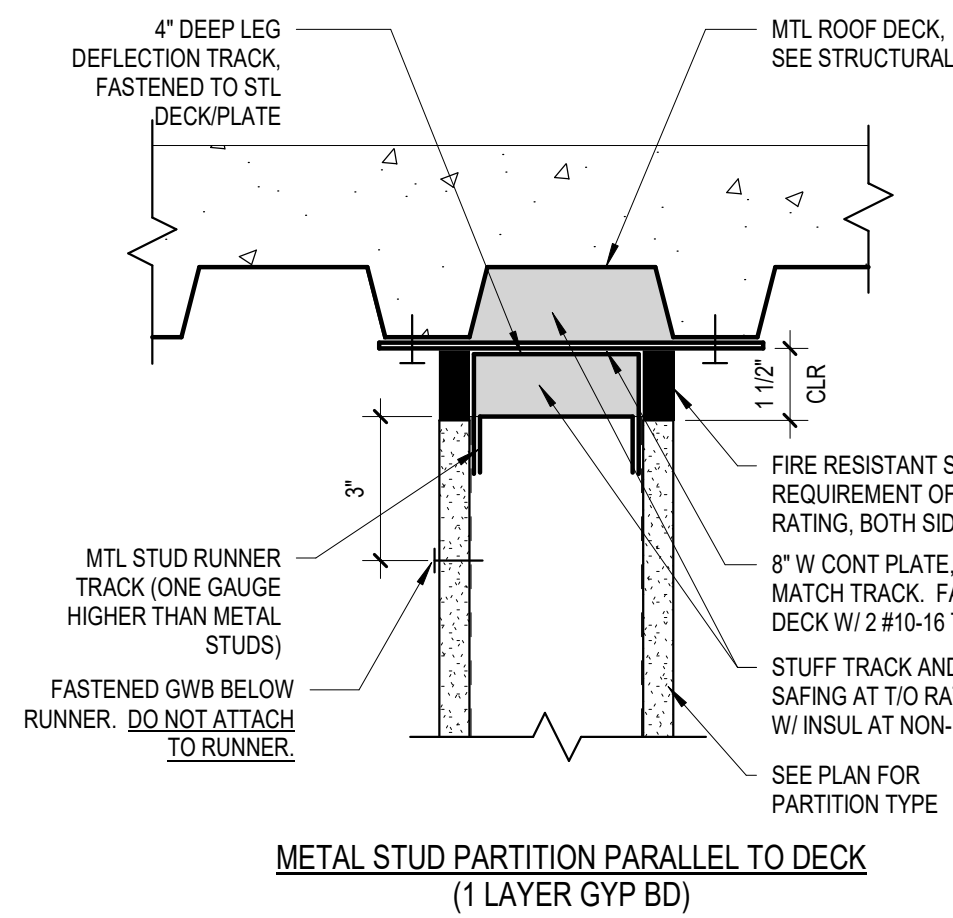


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MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:	655.006.001	
DATE:	MAY 23, 2019	
DRAWN BY:	D.H. CHUNG, AIA	
DESIGNED BY:	D.H. CHUNG, AIA	
CHECKED BY:	M.W. LAMONTAGNE, AIA	
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PARTITION LEGEND

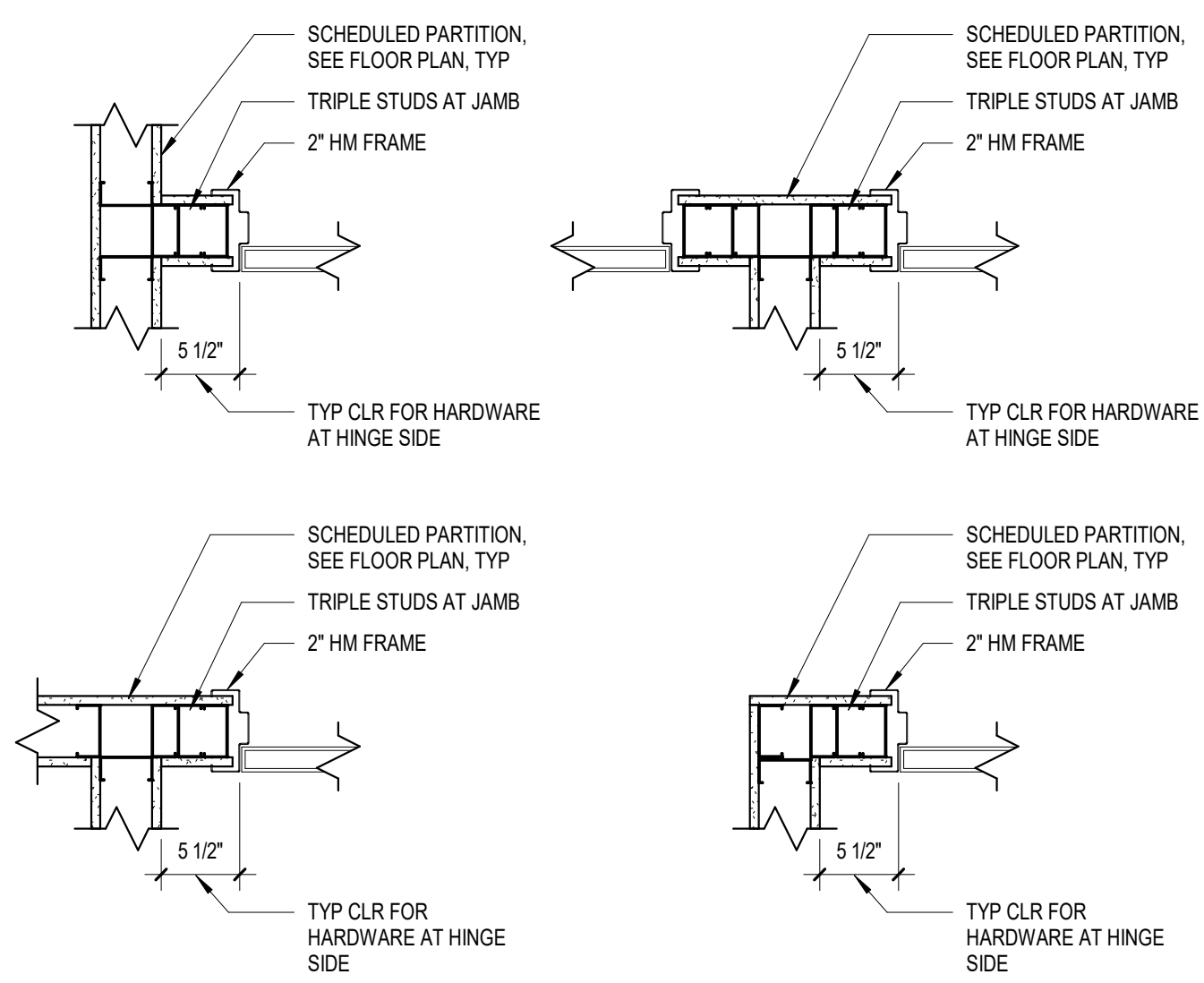
A-002



NOTE:  
CONTRACTOR OPTION FOR DOUBLE TRACK: PROVIDE 4\"/>

**C1 TYPICAL HEAD CONDITIONS AT FIRE RATED MTL STUD PARTITIONS**

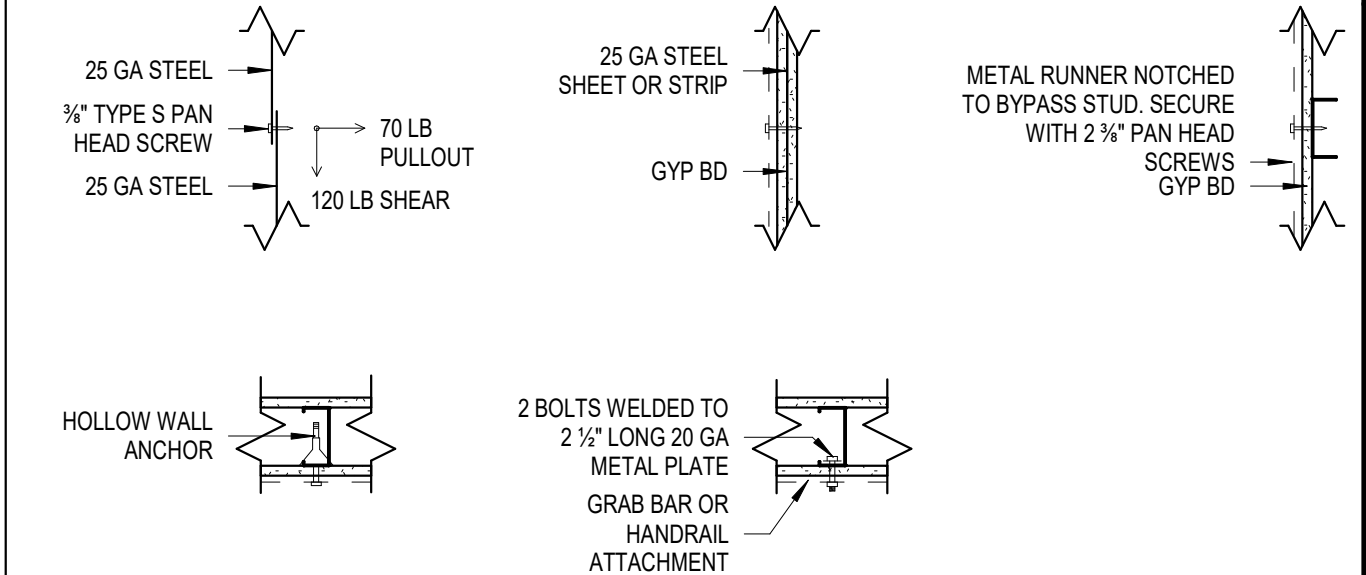
SCALE: 3\"/>



NOTE:  
SEE PLANS FOR LOCATION OF DOOR AND SWING

**B3 TYPICAL DOOR LOCATION DETAILS**

SCALE: 1\"/>



**TYPICAL NOTES**

- WOOD BLOCKING INSIDE OF INTERIOR PARTITION IS NOT ALLOWED.
- TREATED WOOD BLOCKING IS GENERALLY ACCEPTED FOR ROOFING AND WINDOW FRAMED OPENINGS ONLY. REVIEW WITH ARCHITECT ANY CONCERNS REGARDING BLOCKING. USE STAINLESS STEEL FOR ALL FASTENERS IN CONTACT WITH PRESERVATIVE TREATED WOOD.

**ACOUSTICAL CAULK NOTES**

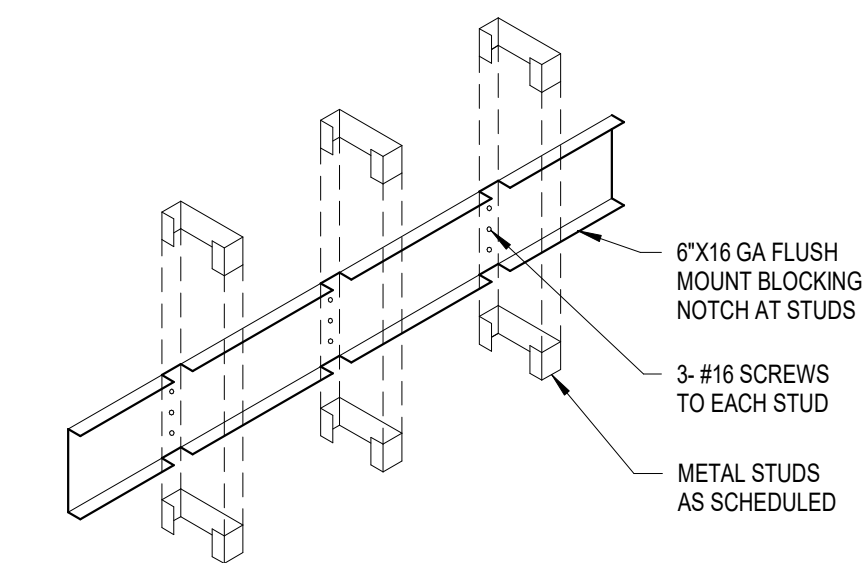
- (WHERE ACOUSTICAL CAULK IS CALLED FOR ON THE DETAIL) SEAL PERIMETER AND ALL PIPE, DUCT, ETC. OPENINGS AND AROUND ELECTRICAL BOXES AND FIRE EXTINGUISHER CABINETS.

**GENERAL NOTES**

- ALL GYPSUM BOARD SHALL BE INSTALLED VERTICALLY WITH JOINTS STAGGERED WHERE THERE ARE TWO LAYERS.
- FIRE TAPE, SMOKE TIGHT ALL GYPSUM BOARD VENEER ABOVE CEILING OR OTHERWISE CONCEALED.
- SEE PARTITION TYPES FOR LOCATIONS OF ACOUSTIC AND THERMAL INSULATION.

**B4 TYPICAL ATTACHMENT DETAILS**

SCALE: 1\"/>



NOTE:  
1. 2X6 FT WD BLOCKING IN PARTITIONS UP TO 2 HR. FIRE RATED (ALTERNATE).  
2. VERIFY MOUNTING HEIGHT

**A4 ANCHOR PLATE DETAIL AT MTL STUD PARTITION**

SCALE: 3/4\"/>



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**TYPICAL DETAILS**

**A-003**

1

2

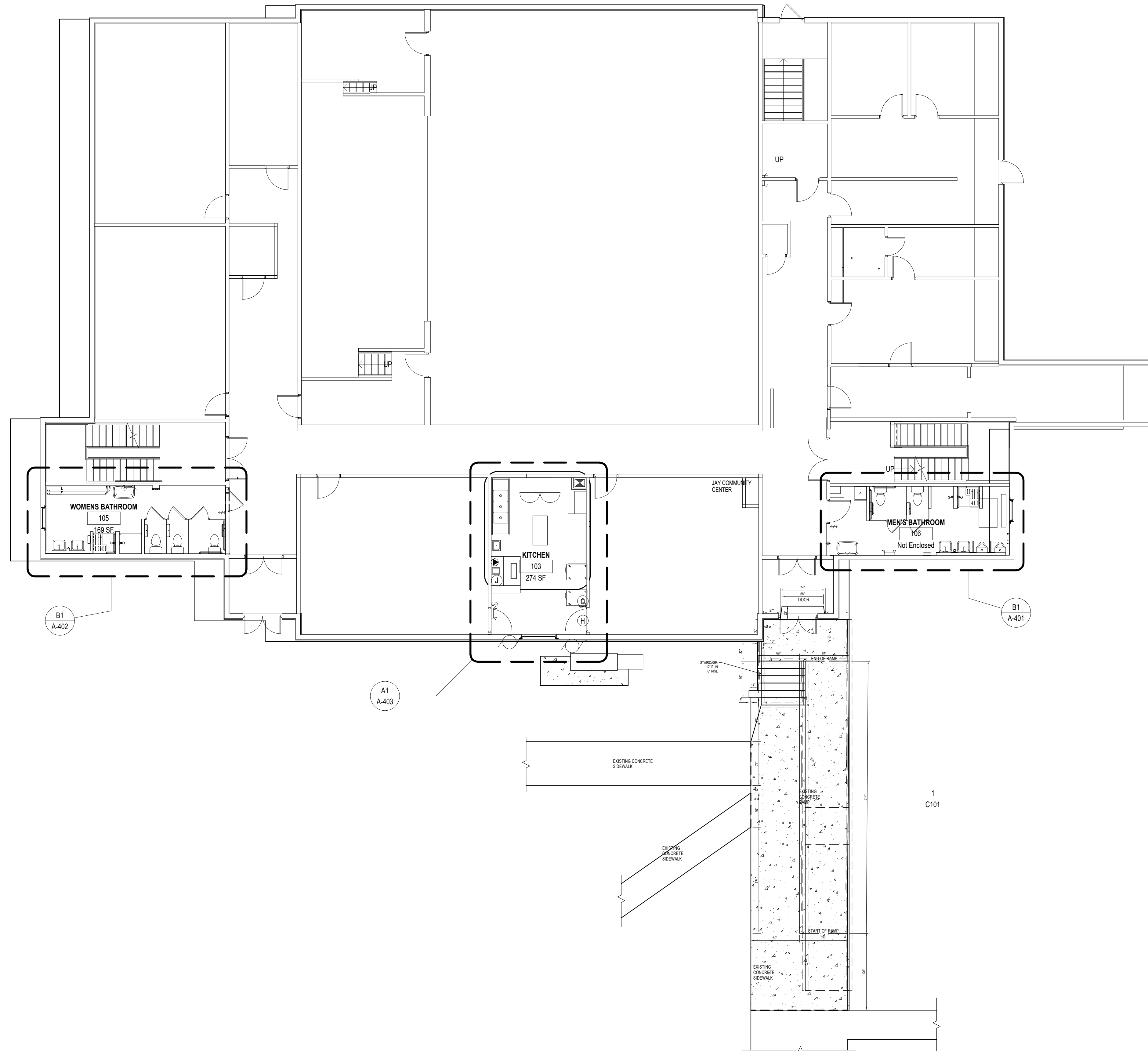
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4

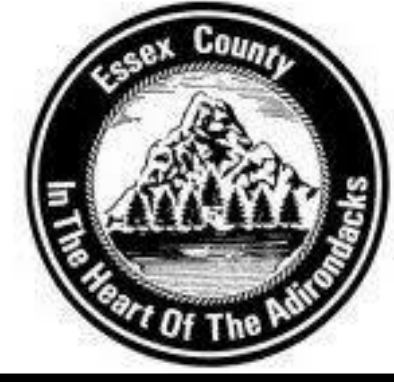
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B

A



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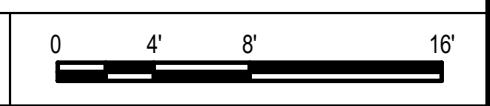
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**FIRST FLOOR PLAN**

**A-101**

**A1 FIRST FLOOR**  
 SCALE: 1/8" = 1'-0"



1

2

3

4

C

B

A

C

B

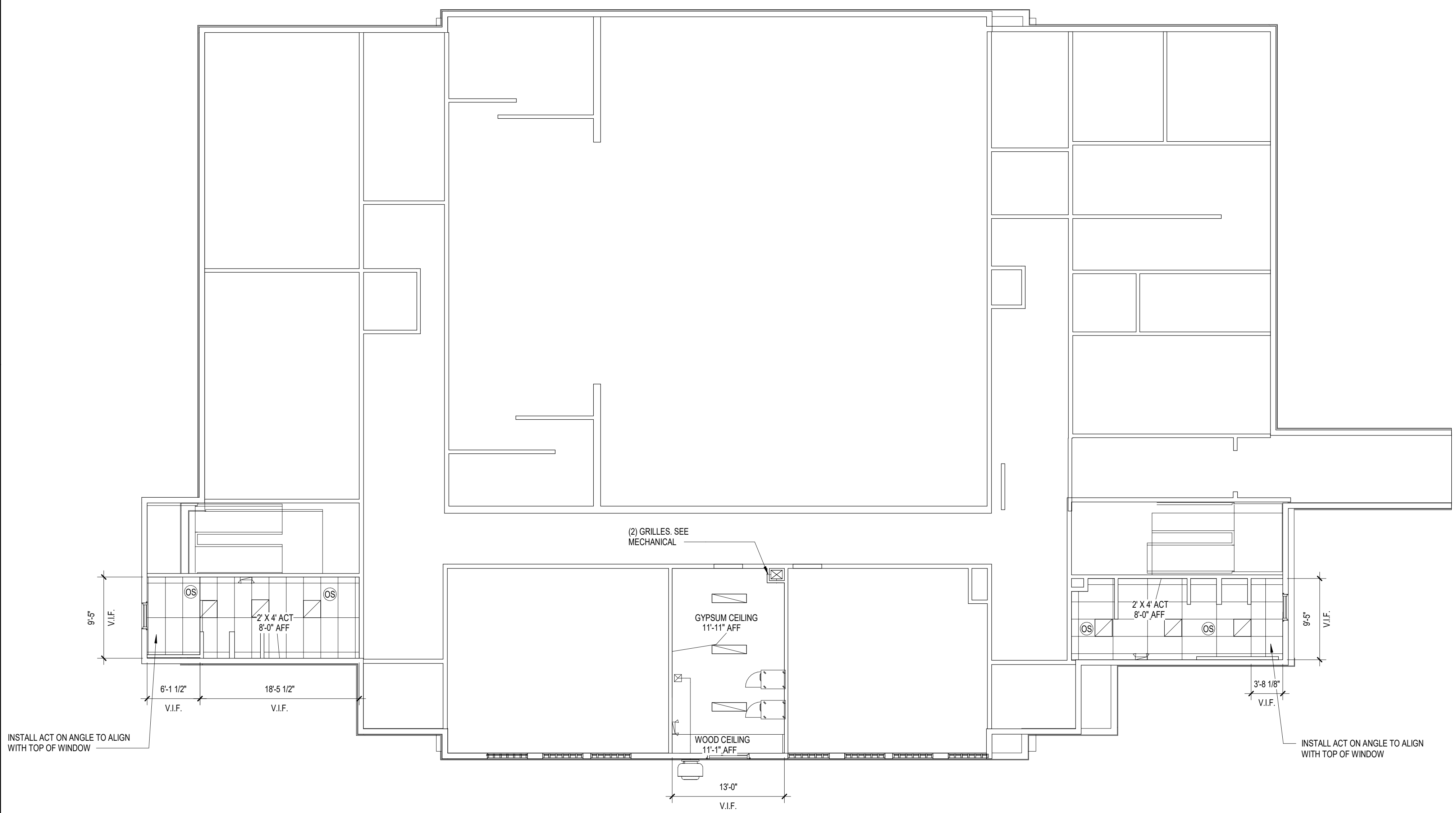
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**REFLECTED CEILING PLAN LEGEND**

- CEILING HEIGHT
- GYP BD CEILING
- 2'-0" x 2'-0" ACOUSTICAL CEILING GRID
- LED LUMINAIRE, SEE ELECTRICAL
- OCCUPANCY SENSOR, SEE ELECTRICAL
- SPEAKER, SEE ELECTRICAL
- EXIT LUMINAIRE, SEE ELECTRICAL
- EXHAUST GRILLE, SEE MECHANICAL
- RETURN DIFFUSER, SEE MECHANICAL
- SUPPLY DIFFUSER, SEE MECHANICAL
- LINEAR DIFFUSER, SEE MECHANICAL

NOTE:  
ARCHITECTURAL REFLECTED CEILING PLAN SHOWN  
FOR COORDINATION PURPOSES ONLY. REFER TO  
DISCIPLINE SHEETS FOR ACTUAL LOCATIONS.

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**FIRST FLOOR  
REFLECTED CEILING  
PLAN**

**A-111**

**A1 FIRST FLOOR REFLECTED CEILING PLAN**

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

**? REFLECTED CEILING PLAN LEGEND**

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

1

2

3

4





1

2

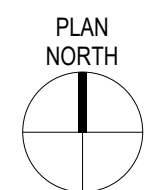
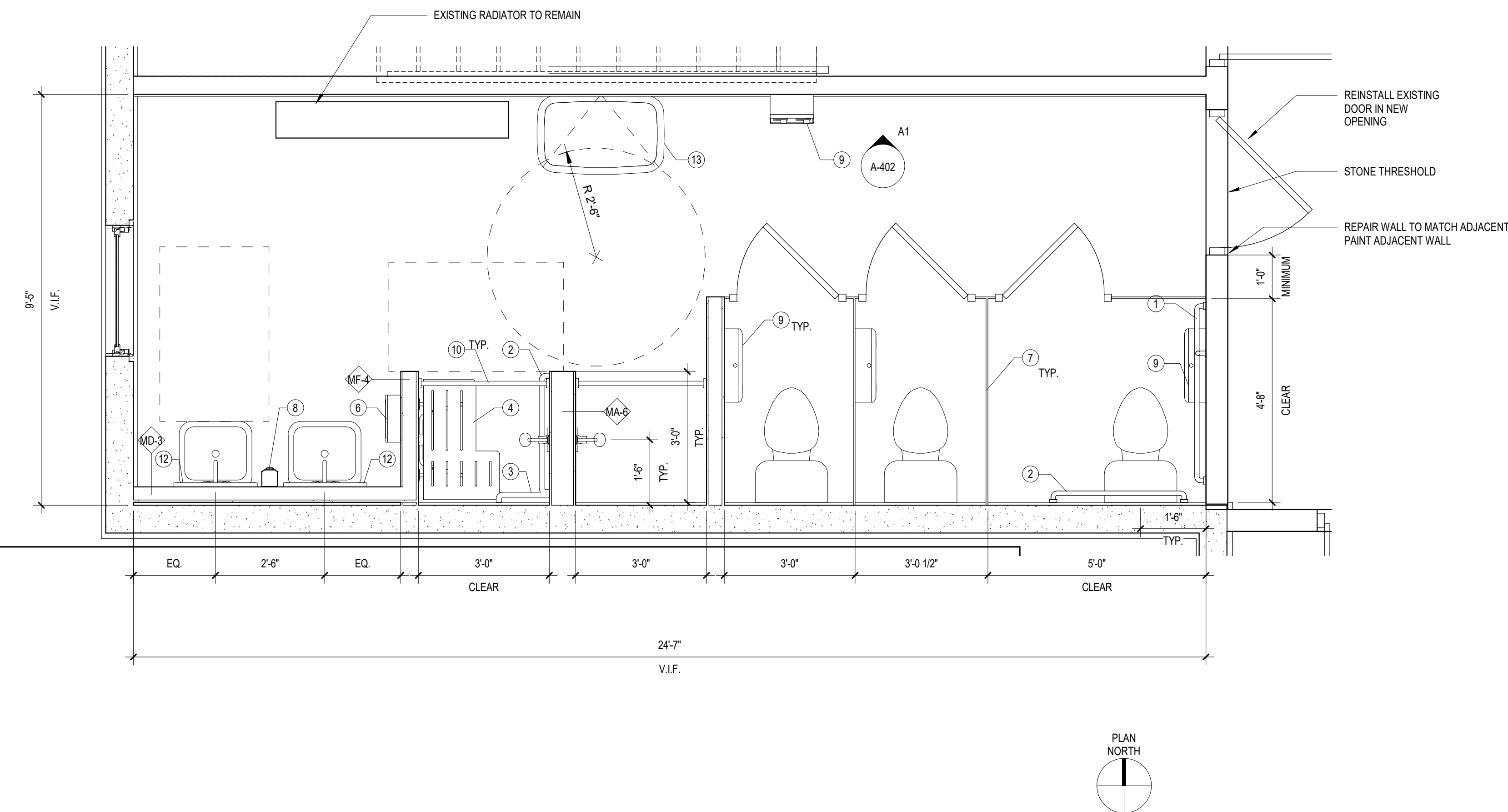
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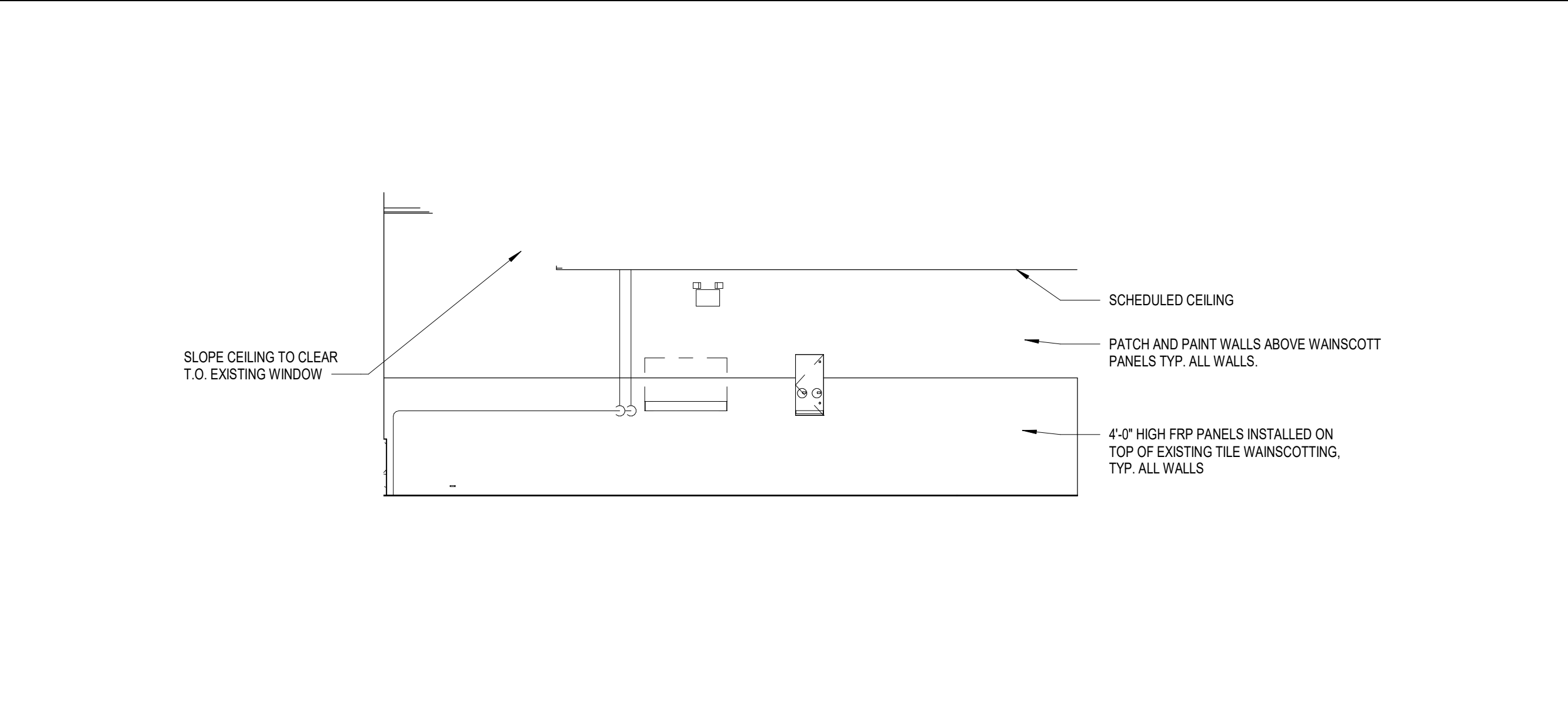
C

B

A



**B1** WOMEN'S BATHROOM ENLARGED PLAN  
SCALE: 1/2" = 1'-0"



**A1** NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

ACCESSORIES SCHEDULE	
ITEM	
①	42" GRAB BAR
②	36" GRAB BAR
③	18" GRAB BAR
④	ADA SHOWER SEAT
⑤	NOT USED
⑥	PAPER TOWEL DISPENSER
⑦	PHENOLIC BATHROOM PANELS
⑧	SOAP DISPENSER
⑨	TOILET PAPER HOLDER
⑩	SHOWER CURTAIN AND ROD
⑪	URINAL SCREEN
⑫	MIRROR
⑬	BABY CHANGING STATION
⑭	SANITARY NAPKIN VENDOR

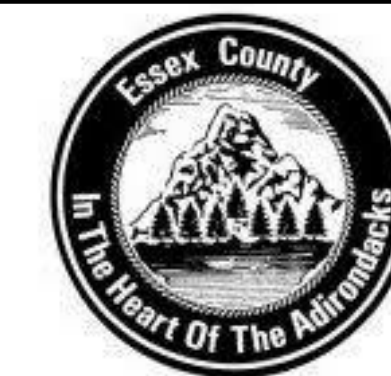
**GENERAL NOTES:**

1. MOUNT ALL ACCESSORIES WITH FASTENERS AND ANCHORS AS RECOMMENDED BY THE MANUFACTURER.
2. MOUNT ALL ACCESSORIES AT ADA ACCESSIBLE HEIGHTS AND LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
3. ALL PIPING BELOW ALL SINKS TO BE COVERED WITH ACCESSIBILITY APPROVED INSULATION WITH PVC (WHITE) COVERS. USE PRODUCTS BY "TRU-BRO" OR APPROVED EQUIVALENT.

**A3** ACCESSORY SCHEDULE  
SCALE: 1/2" = 1'-0"



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AU SABLE FORKS, NY 12912**

MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO: 655.006.001  
DATE: MAY 23, 2019  
DRAWN BY: D.H. CHUNG, AIA  
DESIGNED BY: D.H. CHUNG, AIA  
CHECKED BY: M.W. LAMONTAGNE, AIA  
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**WOMEN'S BATHROOM  
ENLARGED PLAN**

**A-402**

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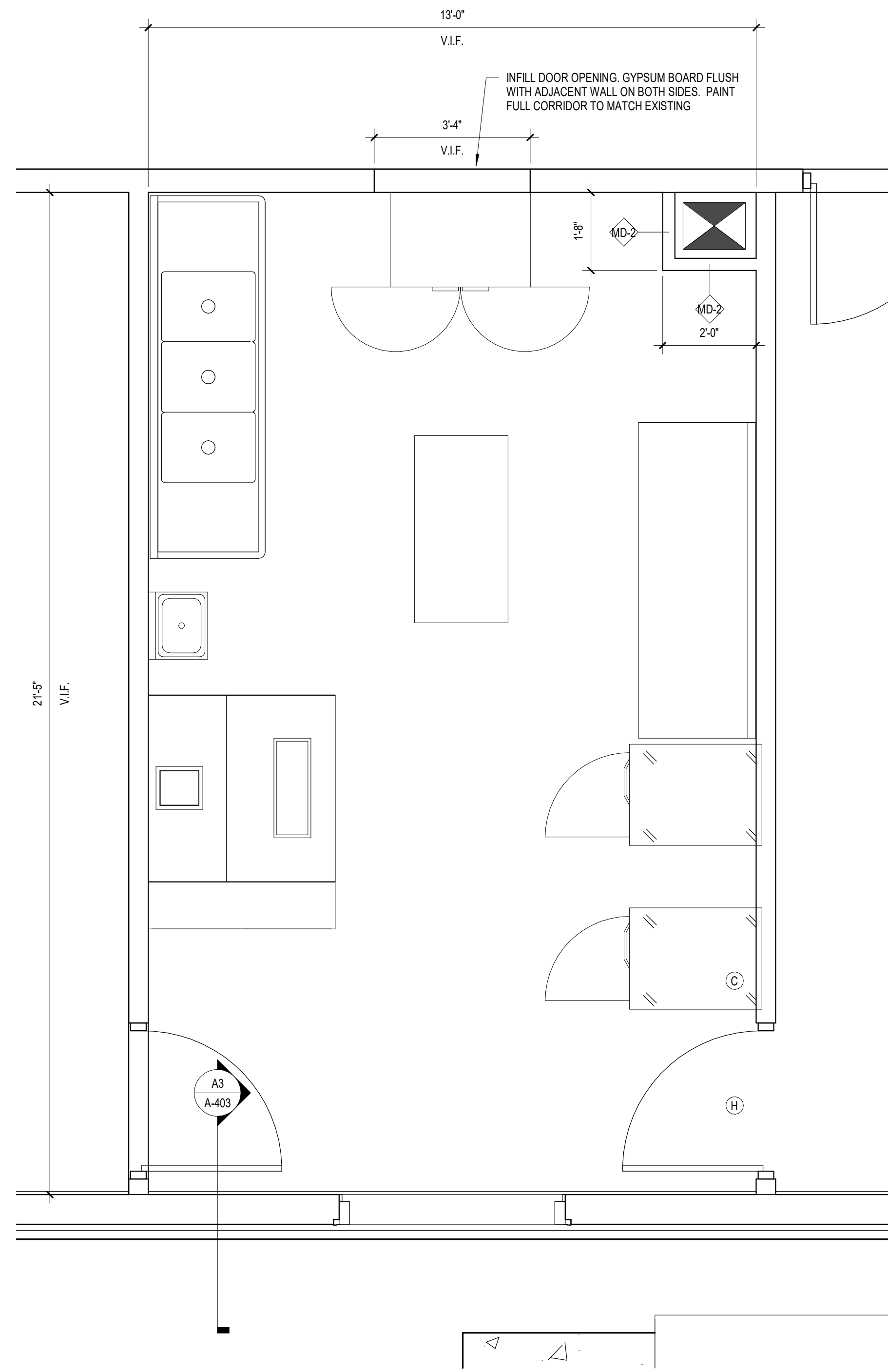
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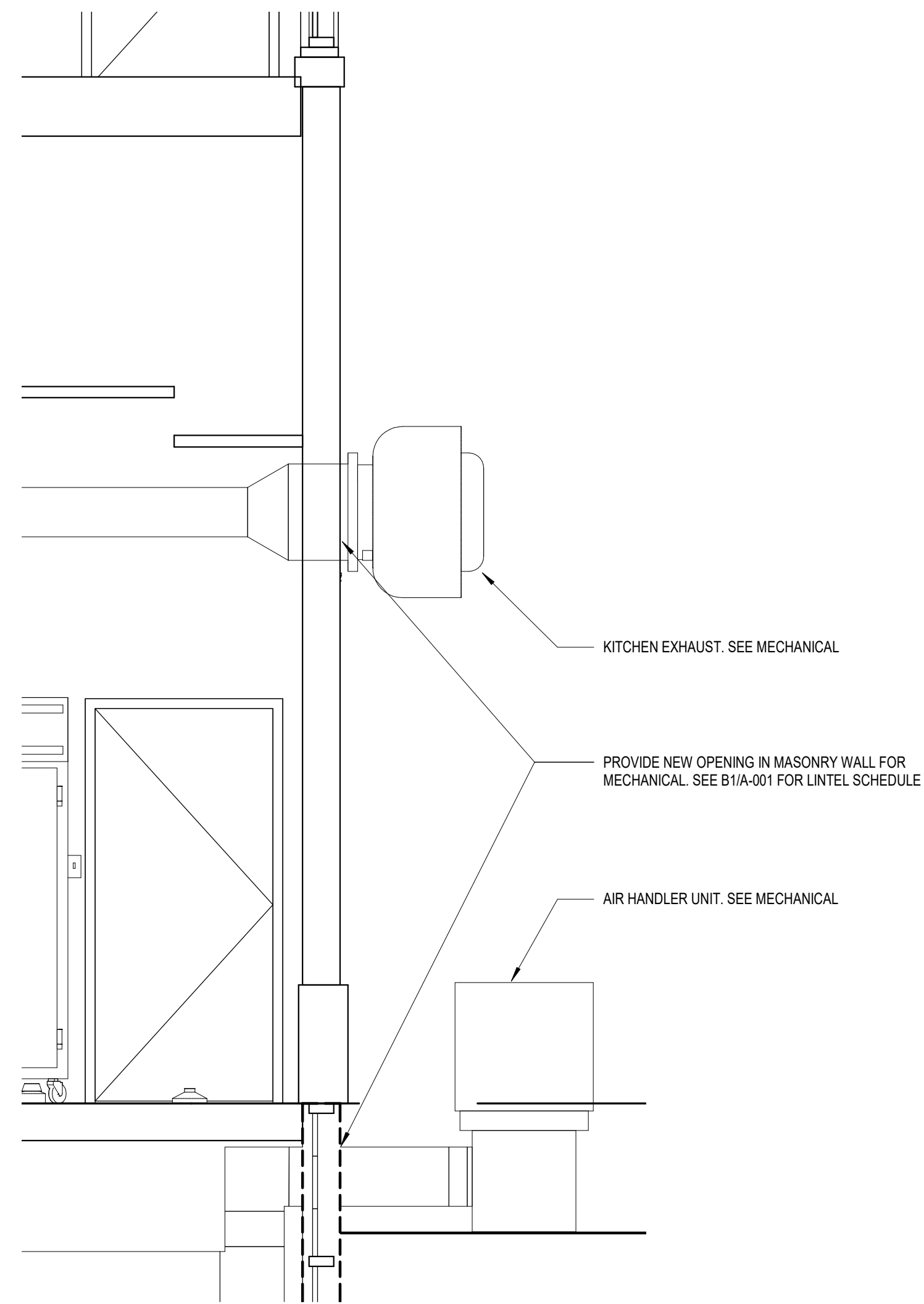
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A1 ENLARGED KITCHEN PLAN  
SCALE: 1/2" = 1'-0"

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A3 WALL SECTION AT KITCHEN  
SCALE: 1/2" = 1'-0"

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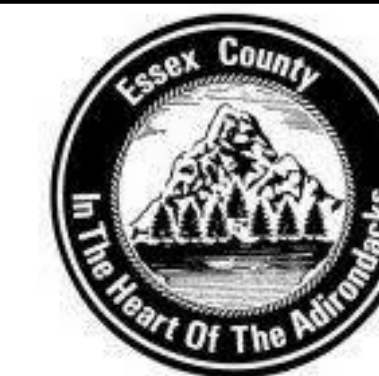
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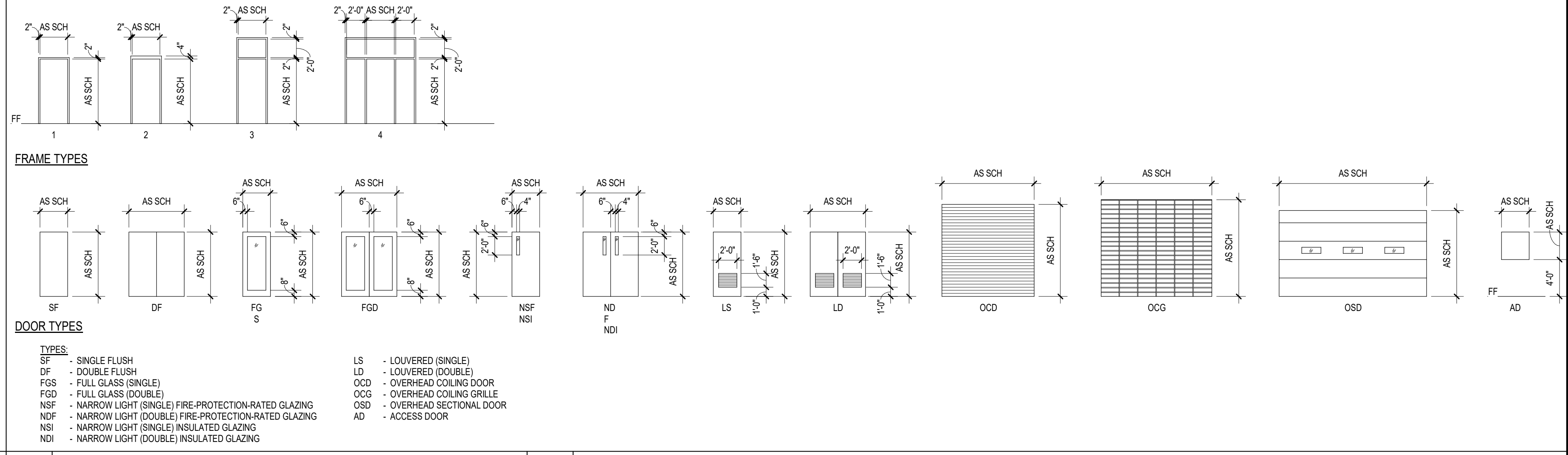


JAY EMERGENCY SHELTER  
UPGRADE  
11 SCHOOL LANE  
AU SABLE FORKS, NY 12912

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:	655.006.001	
DATE:	MAY 23, 2019	
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ENLARGED KITCHEN  
PLAN (ALTERNATE #2)

A-403



- DOOR TYPES**
- TYPES:**
- SF - SINGLE FLUSH
  - DF - DOUBLE FLUSH
  - FGS - FULL GLASS (SINGLE)
  - FGD - FULL GLASS (DOUBLE)
  - NSF - NARROW LIGHT (SINGLE) FIRE-PROTECTION-RATED GLAZING
  - NDF - NARROW LIGHT (DOUBLE) FIRE-PROTECTION-RATED GLAZING
  - NSI - NARROW LIGHT (SINGLE) INSULATED GLAZING
  - NDI - NARROW LIGHT (DOUBLE) INSULATED GLAZING
  - LS - LOUVERED (SINGLE)
  - LD - LOUVERED (DOUBLE)
  - OCD - OVERHEAD COILING DOOR
  - OCG - OVERHEAD COILING GRILLE
  - OSD - OVERHEAD SECTIONAL DOOR
  - AD - ACCESS DOOR

**C2 DOOR AND FRAME TYPES**  
SCALE: 1/8" = 1'-0"

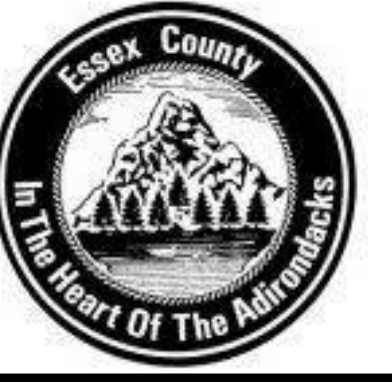
ROOM FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS (SUBSTRATE/FINISH)				CEILING		NOTES
				NORTH	SOUTH	EAST	WEST	SUBSTRATE/FINISH	HEIGHT	
103	KITCHEN	VCT	RUBBER	PAIN	PAIN	PAIN	PNT	PAIN	EXISTING	
105	WOMENS BATHROOM	EXISTING	NONE	FRP/PAINT	FRP/PAINT	FRP/PAINT	FRP/PAINT	ACT	8'-0"	PATCH EXISTING TILE FLOOR
106	MEN'S BATHROOM	EXISTING	NONE	FRP/PAINT	FRP/PAINT	FRP/PAINT	FRP/PAINT	ACT	8'-0"	PATCH EXISTING TILE FLOOR

**ABBREVIATIONS:**

ACT - ACOUSTICAL CEILING TILE	PT - PAINT
AMP - ACOUSTICAL METAL PAN	PLAS - PLASTER
CPT SHT - CARPET SHEET	PLYWD - PLYWOOD
CPT TL - CARPET TILE	POL CONC - POLISHED CONCRETE
CBB - CEMENTITIOUS BACKER BOARD	PIS - PREFINISHED INSULATION SYSTEM
CT - CERAMIC TILE	QT - QUARRY TILE
CONC - CONCRETE	RF - RESILIENT FLOORING
CMU - CONCRETE MASONRY UNIT	RBR - RUBBER
CRN MLDG - CROWN MOLDING	SLR - SEALER
ENTR GR - ENTRANCE GRILLE	TERR - TERRAZZO
EXP - EXPOSED	UNFIN - UNFINISHED
GL BLK - GLASS BLOCK	VCT - VINYL COMPOSITION TILE
GL TL - GLASS TILE	VWC - VINYL WALL COVERING
GYP BD - GYPSUM BOARD	WSCT - WAINSCOT
IRWC - IMPACT RESISTANT WALL COVERING	WD - WOOD



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**SCHEDULES AND DOOR DETAILS**

**A-601**

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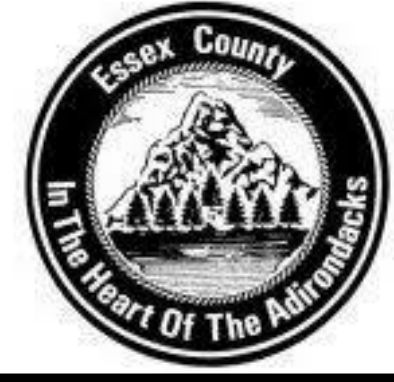
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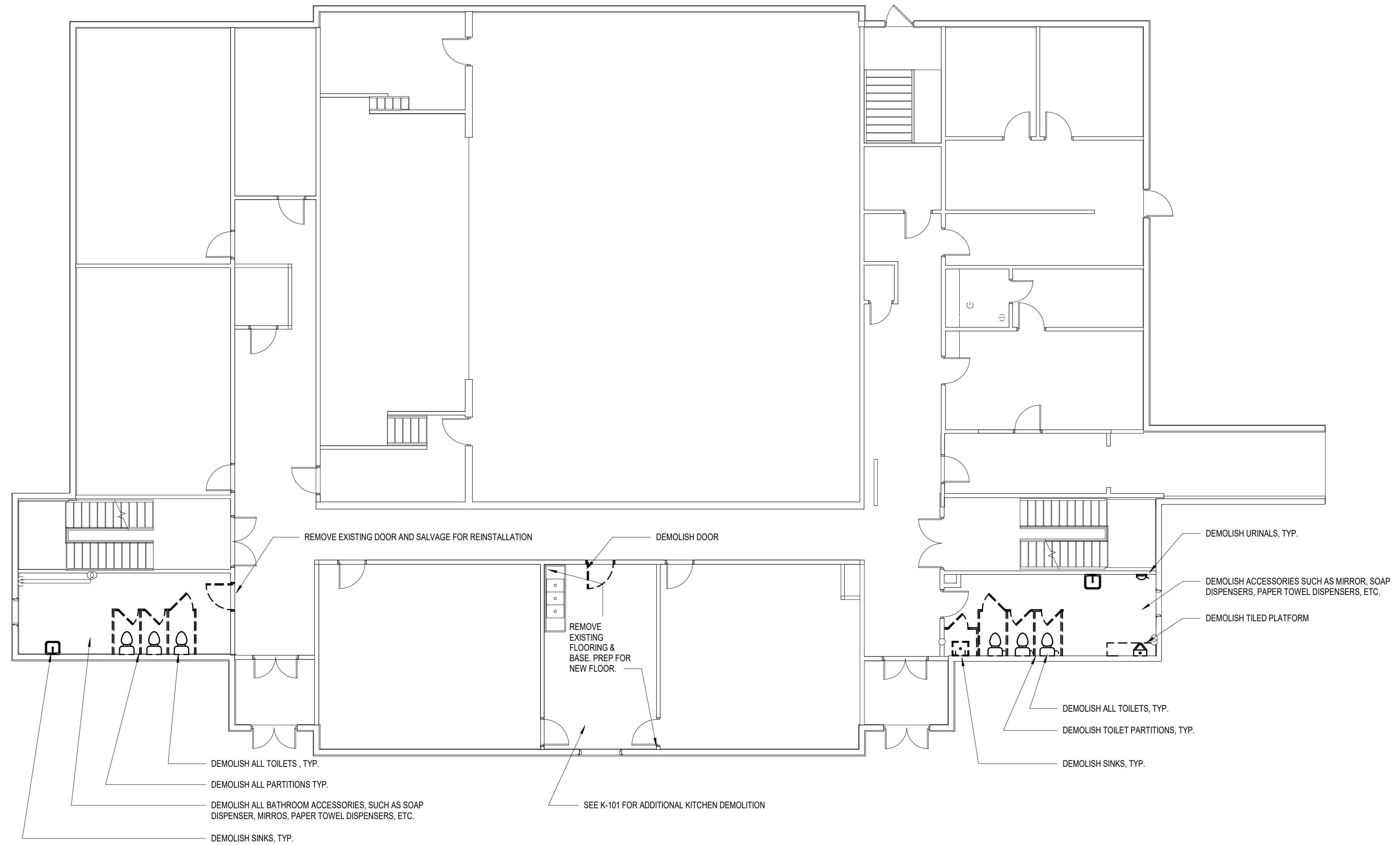
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EDUCATION LAW

**FIRST FLOOR  
DEMOLITION PLAN**

**AD-101**



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

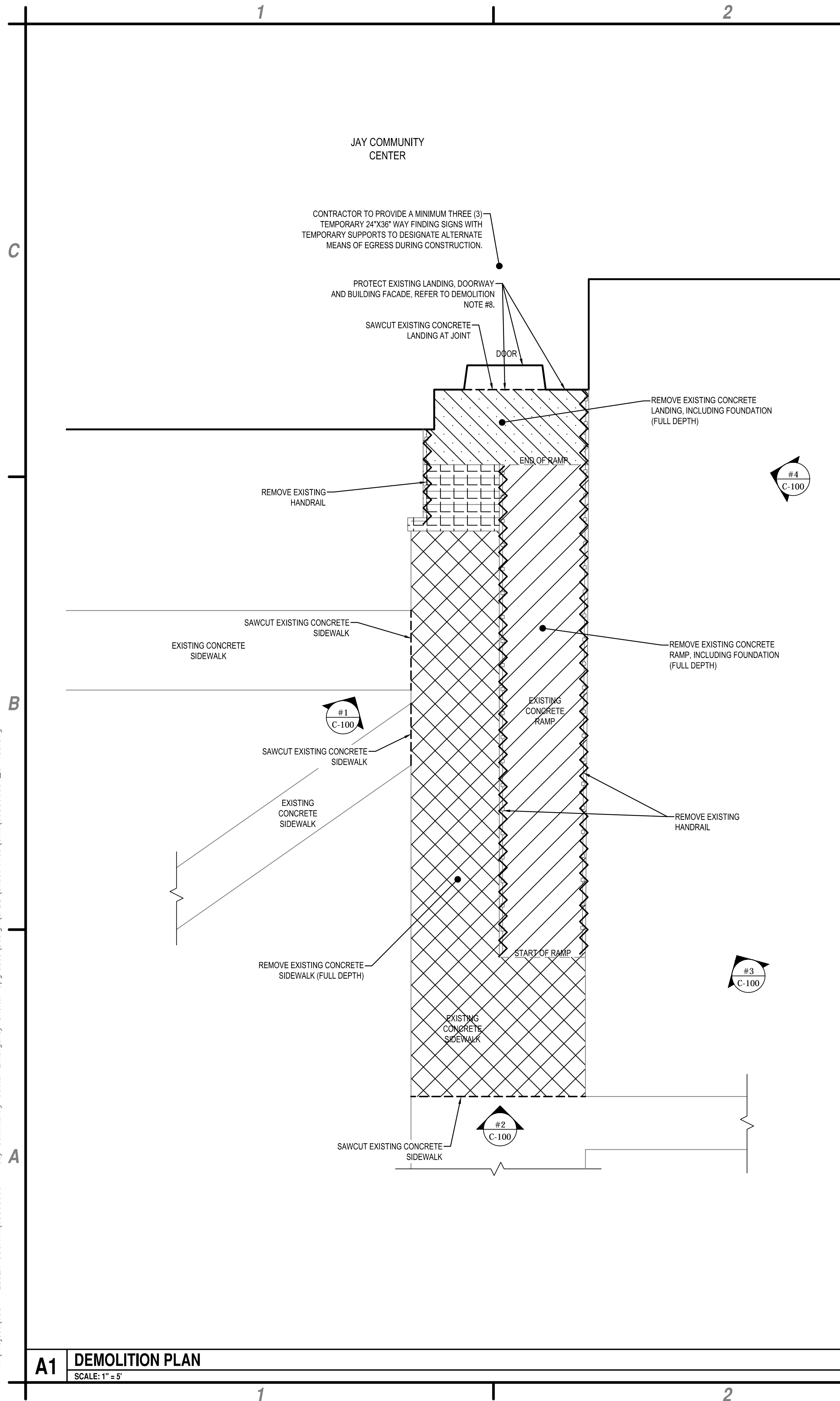
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Apr 16, 2019 - 8:10am F:\Project\655 - ESSEX COUNTY\655006001 - Jay Community Center - Emergency Shelter - Upgrade\Design\CADD\Sheet Files\Civil\655006001\_C-100.dwg



PHOTOGRAPH #1



PHOTOGRAPH #2



PHOTOGRAPH #3



PHOTOGRAPH #4

**DEMOLITION NOTES:**

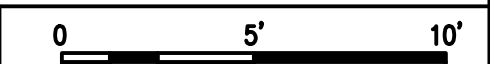
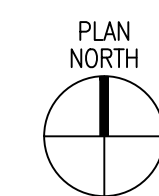
1. REMOVE CONCRETE AND SUBBASE MATERIAL (FULL DEPTH).
2. CONTRACTOR SHALL NOT UNDERMINE FOUNDATIONS FOR EXISTING WINDOW WELLS, STAIR CASES AND SCULPTURES AT ANY TIME.
3. CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT, CONCRETE PADS, CONCRETE SIDEWALKS AND CONCRETE CURBS PRIOR TO REMOVAL OF SUCH. ALL SAWCUTS TO BE PERFORMED WITH WET CUT SAW.
4. CONTRACTOR SHALL REMOVE EXISTING CONCRETE AS REQUIRED TO INSTALL THE NEW WORK.
5. IF DEMOLITION IS PERFORMED IN EXCESS OF THAT REQUIRED, RESTORE AFFECTED AREAS AT NO COST TO THE OWNER.
6. CONTRACTOR TO COMPLY WITH CODES, LAWS AND REGULATIONS OF ALL GOVERNING AUTHORITIES IN THE EXECUTION OF THE WORK.
7. CONTRACTOR TO REVIEW DOCUMENTS AND FIELD CONDITIONS, VERIFYING THAT THE WORK IS BUILDABLE AS SHOWN. NOTIFY ANY CONFLICTS OR OMISSIONS TO ENGINEER OR ARCHITECT FOR CLARIFICATION PRIOR TO PERFORMING WORK IN QUESTION.
8. COMPLETELY PROTECT IN-PLACE ELEMENTS AND MATERIALS TO REMAIN FROM DAMAGE AND DETERIORATION THAT MIGHT RESULT FROM WORK OF SELECTIVE REMOVAL AND SALVAGE, INCLUDING, BUT NOT LIMITED TO, DUST, DIRT, VIBRATION, WATER, WATER VAPOR, CONDENSATION, CHEMICALS, IMPACT, HUMIDITY, APPLICATION OF PROTECTION, DURATION OF PROTECTION AND REMOVAL OF PROTECTION.
9. ALL DEMOLISHED MATERIAL SCHEDULED FOR REMOVAL SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
10. CONTRACTOR SHALL COORDINATE STAGING AREA WITH OWNER'S REPRESENTATIVE. STAGING AREA TO BE RESTORED TO PRE-CONSTRUCTION CONDITIONS WHEN PROJECT IS COMPLETE.

**EXISTING FEATURES:**

- EXISTING BUILDING
- EXISTING DECIDUOUS TREE WITH DRIPLINE
- EXISTING CONIFEROUS TREE WITH DRIPLINE
- EXISTING LIGHT POLE
- EXISTING EDGE OF PAVEMENT, CONCRETE, ETC.
- EXISTING HAND RAILING

**WORK OF THIS CONTRACT LEGEND:**

- SITE FEATURE TO BE REMOVED - HANDRAILS, ETC.
- SAWCUT LIMIT
- EXISTING CONCRETE SIDEWALK TO BE REMOVED
- EXISTING CONCRETE RAMP TO BE REMOVED
- EXISTING CONCRETE LANDING TO BE REMOVED
- EXISTING GRANITE STAIRS TO BE REMOVED
- NEW CONCRETE SIDEWALK, RAMP & LANDING
- NEW STAINLESS STEEL HANDRAIL



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 11 SCHOOL LANE  
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REVISIONS		
		PROJECT NO: 655.006.001
		DATE: APRIL 16, 2019
		DRAWN BY: T.W.LONG
		DESIGNED BY: T.W.LONG
		CHECKED BY: D.H.WETHEY, P.E.
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**DEMOLITION PLAN  
 ALTERNATE #1 -  
 UNLESS  
 OTHERWISE  
 NOTED**

**C-100**







MASTER LUMINAIRE SCHEDULE						
FIXTURE DESCRIPTION	MANUFACTURER & MODEL NO.	NUMBER AND TYPE OF LAMP	VOLTS	BALLAST	MOUNTING	REMARKS
A	2'X2' LED TROFFER FIXTURE WITH 3400 LUMEN PACKAGE, 3500K COLOR TEMP. BASIS OF DESIGN IS EATON METALUX ENCOUNTER, OR APPROVED EQUAL.	LED	120	LED DRIVER	GRID	
B	1'X4' LED FIXTURE WITH 4100 LUMEN PACKAGE, 4000K COLOR TEMP. BASIS OF DESIGN IS EATON FAIL-SAFE CLM SERIES OR APPROVED EQUAL.	LED	120	LED DRIVER	SURFACE	ACRYLIC LENS WITH INSET DOOR, DIE-FORMED ALUMINIUM
C	EMERGENCY WALLPACK LED FIXTURE, MAINTENANCE FREE NICKEL CADMIUM BATTERY WITH INTEGRAL SELF-DIAGNOSTICS, LITHONIA EU2C SERIES OR APPROVED EQUAL BY COOPER, H.E. WILLIAMS	LED	120	LED DRIVER	WALL	WHITE HOUSING
D	CEILING MOUNTED EXIT SIGN, THERMOPLASTIC HOUSING, MAINTENANCE FREE NICKEL CADMIUM BATTERY WITH INTEGRAL SELF TEST, RED LETTERING, LITHONIA LOM SERIES OR APPROVED EQUAL BY COOPER, H.E. WILLIAMS	LED	120	LED DRIVER	WALL	

NOTES FOR LUMINAIRE SCHEDULE:

- IN ADDITION TO ALL REQUIREMENTS OF THE LIGHTING SPECIFICATION, ALL LUMINAIRES SHALL INCLUDE THE IES FILE PER THE RESPECTIVE LIGHTING SPECIFICATION IN THIS PROJECT.
- IF THE SUBMITTED LUMINAIRES SUBSTITUTIONS THE ENGINEER MAY REQUEST THE CONTRACTOR TO PROVIDE PHOTOMETRIC ANALYSIS USING AGI AS PART OF THE SUBMITTAL.

- ALL ELECTRICAL WORK SHALL CONFORM TO ALL STATE, LOCAL, AND NATIONAL ELECTRICAL CODES.
- ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
- ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS.
- THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND DIMENSIONS SHOWN ON DRAWINGS.
- ALL CONDUIT AND WIRING SCHEDULES SHALL BE VERIFIED BEFORE INSTALLATION.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL EQUIPMENT WITH OTHER CONTRACTORS.
- ALL AREAS DISTURBED BY WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN ORIGINAL AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE RACEWAYS, WIRING, AND CONNECTIONS FOR ALL CONTROL CIRCUITS AND INTERLOCK.
- ALL ELECTRICAL CONDUIT AND CONDUCTORS DISCONNECTED AND NOT TO BE REUSED SHALL BE REMOVED.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE STARTING WORK. IF ONLY A PORTION OF AN EXISTING CIRCUIT IS BEING REMOVED FOR DEMOLITION, CONTINUITY SHALL BE MAINTAINED TO THE REST OF THE REMAINING CIRCUIT.
- ALL BRANCH CIRCUIT CONDUCTORS SHALL BE #12AWG UNLESS OTHERWISE SHOWN.
- ALL BRANCH CIRCUITS SHALL CONSIST OF 2 CONDUCTORS PLUS GROUND, UNLESS OTHERWISE SHOWN.

AC	ABOVE COUNTER
ACCU	AIR COOLED CONDENSING UNIT
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AU	AT UNIT
CH	CHILLER
DP	DISTRIBUTION PANEL
DPM	DISTRIBUTION PANEL MAIN
EF	EXHAUST FAN
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FC	FAN COIL
GND	GROUND
JB	JUNCTION BOX
KA	KILO AMP
KV	KILO VOLT
KVA	KILO VOLT AMP
KWHD	KILOWATT-HOUR DEMAND METER
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NO	NORMALLY OPEN
PB	PULL BOX
RGS	RIGID GALVANIZED STEEL CONDUIT
UV	UNIT VENTILATOR
VFD	VARIABLE FREQUENCY DRIVE
WP	WATER PROOF

C1 LUMINAIRE SCHEDULE  
SCALE: NOT TO SCALE

C3 ELECTRICAL GENERAL NOTES  
SCALE: NOT TO SCALE

C4 ELECTRICAL ABBREVIATIONS  
SCALE: NOT TO SCALE

---	REMOVAL WORK
---	NEW WORK
---	EXISTING TO REMAIN / RELOCATE
⊕	DUPLEX RECEPTACLE, MOUNT 18" AFF UNLESS OTHERWISE NOTED
⊕ GFI	GROUND FAULT CIRCUIT INTERRUPTER TYPE, MOUNT 48" AFF UNLESS OTHERWISE NOTED
⊕	SPECIAL RECEPTACLE
⊕ WP	DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER TYPE, WITH WEATHERPROOF COVER, MOUNT 42" AFF UNLESS OTHERWISE NOTED
⊕	SINGLE POLE TOGGLE SWITCH
⊕ <sup>3</sup>	THREE-WAY TOGGLE SWITCH
⊕	JUNCTION BOX
⊕	ELECTRICAL MOTOR (SEE EQUIPMENT CONNECTION SCHEDULE)
⊕	DISCONNECT SWITCH (SEE EQUIPMENT CONNECTION SCHEDULE)
⊕	EXISTING SURFACE MOUNTED PANEL
⊕ <sup>xxx</sup>	BRANCH CIRCUIT HOME RUN WITH CIRCUIT NUMBER
⊕ <sup>A</sup>	WALL MOUNTED LUMINAIRE, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
⊕ <sup>A</sup>	2'X4' LUMINAIRE, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
⊕ <sup>A</sup>	1'X4' LUMINAIRE, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
⊕ <sup>A</sup>	WALL MOUNTED EMERGENCY LIGHT, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
⊕ <sup>A</sup>	EXIT SIGN, SHADED AREA DENOTES FACE, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
⊕ <sup>OS</sup>	CEILING MOUNTED OCCUPANCY SENSOR
⊕ <sup>H</sup>	HEAT DETECTOR
⊕ <sup>?</sup>	SMOKE DETECTOR
⊕ <sup>C</sup>	CARBON MONOXIDE DETECTOR

B4 ELECTRICAL SYMBOLS  
SCALE: NOT TO SCALE

ASBESTOS AWARENESS NOTES:

- THE OWNER HAS PERFORMED A PRE-RENOVATION SURVEY FOR ASBESTOS AND A COPY OF THE REPORT IS AVAILABLE IN THE SPECIFICATION MANUAL.
- ASBESTOS CONTAINING MATERIALS IDENTIFIED IN THE REPORT ARE TO BE ABATED PRIOR TO ANY CONSTRUCTION THAT COULD DISTURB THESE MATERIALS (FLOOR MASTIC, LINOLEUM, BOILER ROPE).
- IF DURING THE COURSE OF CONSTRUCTION SUSPECT ACM MATERIALS ARE DISCOVERED, AVOID DISTURBING THOSE MATERIALS. INFORM THE OWNER SO THAT SAMPLING AND TESTING CAN BE ARRANGED, THEN PROCEED AS DIRECTED BY THE OWNER.

LEAD AWARENESS NOTES:

- THE OWNER HAS PERFORMED A PRE-RENOVATION SURVEY FOR LEAD BASED PAINT AND A COPY OF THE REPORT IS AVAILABLE IN THE SPECIFICATION MANUAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, INCLUDING OSHA 29 CFR 1926.62 (LEAD IN CONSTRUCTION STANDARD), AND FOR TAKING PRECAUTIONS TO ENSURE THAT WORKERS ARE NOT EXPOSED TO LEAD IN EXCESS OF THE PERMISSIBLE EXPOSURE LIMIT.

A4 ASBESTOS AWARENESS NOTES  
SCALE: NOT TO SCALE

EQUIPMENT CONNECTION SCHEDULE																							
PROJECT NO.:										DATE:													
CONTRACT RESPONSIBLE				ENCLOSURE				DISCONNECT TYPE				STARTER TYPE				CONTROLS				LOCATION			
G	GENERAL	1	NEMA 1 - INDOOR GENERAL	1	NON-FUSED SAFETY SWITCH	1	MAGNETIC X-LINE	1	START/STOP PB W/PILOT LIGHT IN COVER	A	AT EQUIPMENT												
M	MECHANICAL	3R	NEMA 3R - EXTERIOR RAINPROOF	2	FUSED SAFETY SWITCH	2	COMBINATION X-LINE	2	H-O-A SWITCH W/PILOT LIGHT ON COVER	B	REMOTE												
E	ELECTRICAL	4	NEMA 4 - OUTDOOR WATERTIGHT	3	TOGGLE SWITCH	3	MANUAL	3	AUXILIARY CONTACTS	C	IN MOTOR CONTROL CENTER												
P	PLUMBING	4X	NEMA 4X - CORROSION RESISTANT	4	INTEGRAL TO STARTER	4	REDUCED VOLTAGE	4	CONTROL TRANSFORMER	D	IN MECHANICAL ROOM												
O	OWNER	7	NEMA 7 - INDOOR EXPLOSION PROOF	5	CORD & PLUG	5	VFD	5	PROVIDED BY EQUIPMENT MANUFACTURER	E	IN ELECTRICAL ROOM												
		12	NEMA 12 - INDOOR DUST-TIGHT	6	PART OF CONTROL PANEL	6	SOFT START	6	REMOTE PUSHBUTTON STATIONS	F	OTHER (SEE REMARKS)												
		13	NEMA 13 - INDOOR OIL TIGHT	7	BY EQUIP. MANF.	7	TWO-SPEED	7	PART OF DIRECT DIGITAL CONTROL SYSTEM (DDC)														
				8	OTHER (SEE REMARKS)	8	BY EQUIP. MANF.	8	CONTROL PANEL														
				9	OTHER (SEE REMARKS)	9	OTHER (SEE REMARKS)	9	OTHER (SEE REMARKS)														
EQUIPMENT			ELECTRICAL				DISCONNECT				STARTER				CONTROLS				REMARKS				
ID #	NAME	FURN. BY	LOCATION	HP/KVA	VOLTS	PH	FURN. BY	INST. BY	TYPE	SIZE	ENCL	LOCAT	FURN. BY	INST. BY	TYPE	SIZE	ENCL	LOCAT		FURN. BY	INST. BY	VOLTS	TYPE
B-1	BOILER	M	BASEMENT	2HP	240	1	E	E	E	1	30A	1	A										
DWH-1	DOMESTIC WATER HEATER	P	BASEMENT		120	1	E	E	E	3	30A	1	A										
EF-1	EXHAUST FAN	M	KITCHEN	13.8 FLA	120	1	E	E	E	4	30A	3R	A	E	E	2	O	3R	A				
EF-2	EXHAUST FAN	M	MEN'S ROOM	2A	120	1	E	E	E	3	30A	1	A										
EF-3	EXHAUST FAN	M	WOMEN'S ROOM	2A	120	1	E	E	E	3	30A	1	A										
MAU-1	MAKE-UP AIR UNIT	M	OUTDOORS	1/2 HP	120	1	E	E	E	4	30A	3R	A	E	E	2	O	3R	A				
RP-1	RECIRCULATING PUMP	P	BASEMENT	1/3 HP	120	1	E	E	E	3	30A	1	A										

A1 EQUIPMENT CONNECTION SCHEDULE  
SCALE: NOT TO SCALE



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MARK	DATE	DESCRIPTION
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PROJECT NO.:	655.006.001	
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DRAWN BY:	J. BOSHART	
DESIGNED BY:	J. BOSHART	
CHECKED BY:	D. OBRIST P.E.	
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**SYMBOLS,  
 ABBREVIATIONS,  
 NOTES, DETAILS AND  
 SCHEDULES**

E-001

1

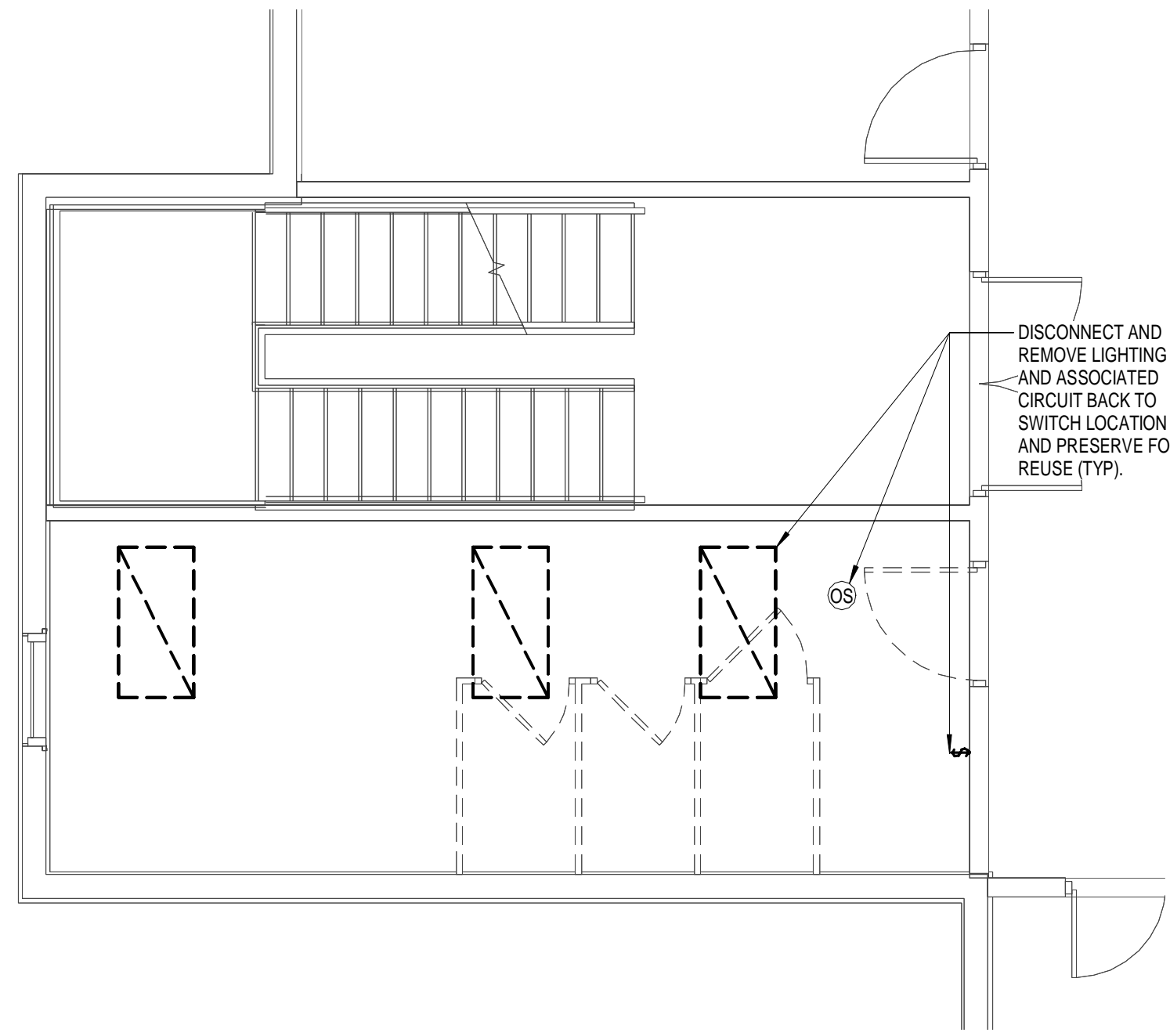
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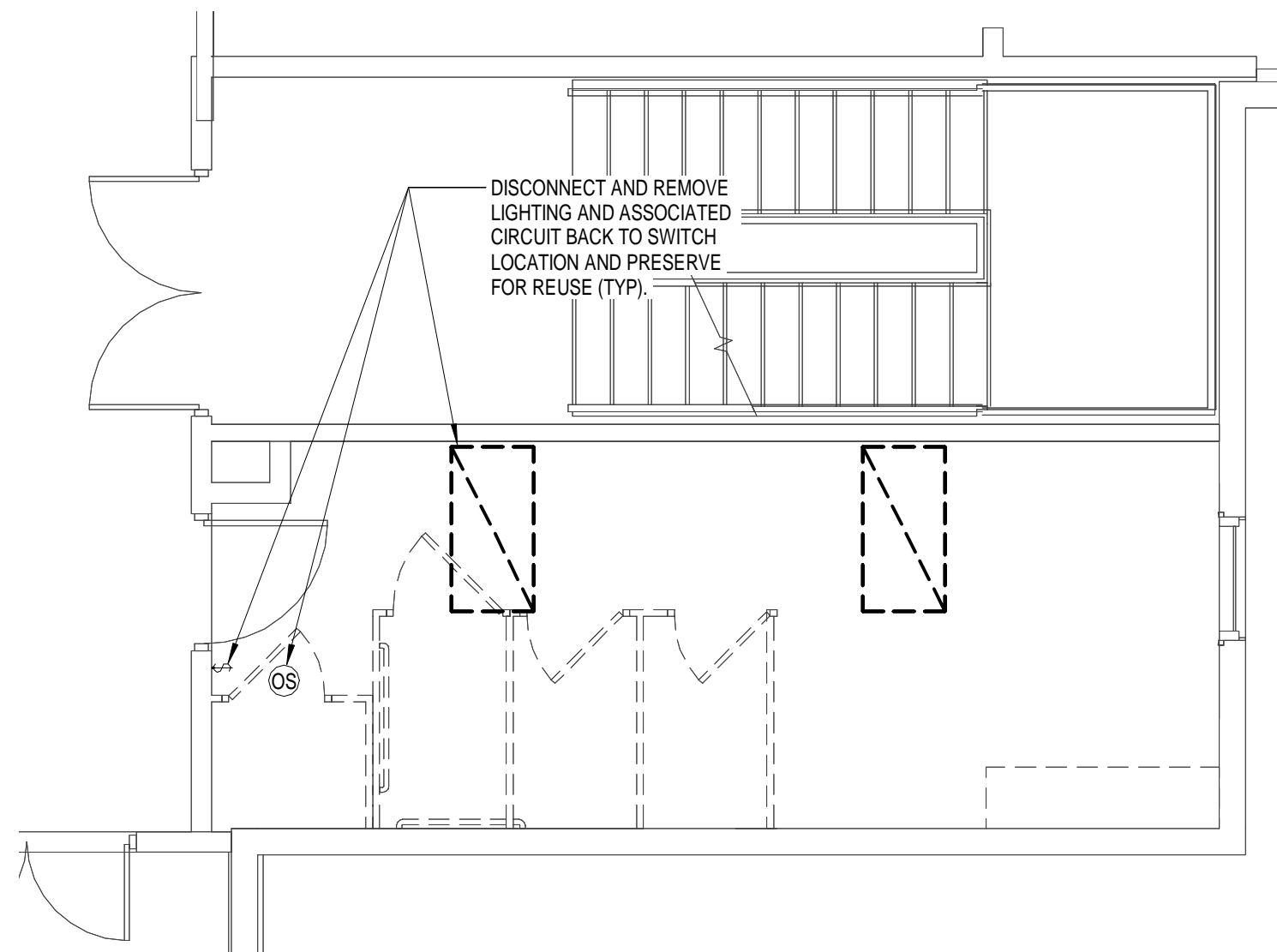


**B1** ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION WOMENS ROOM

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

B

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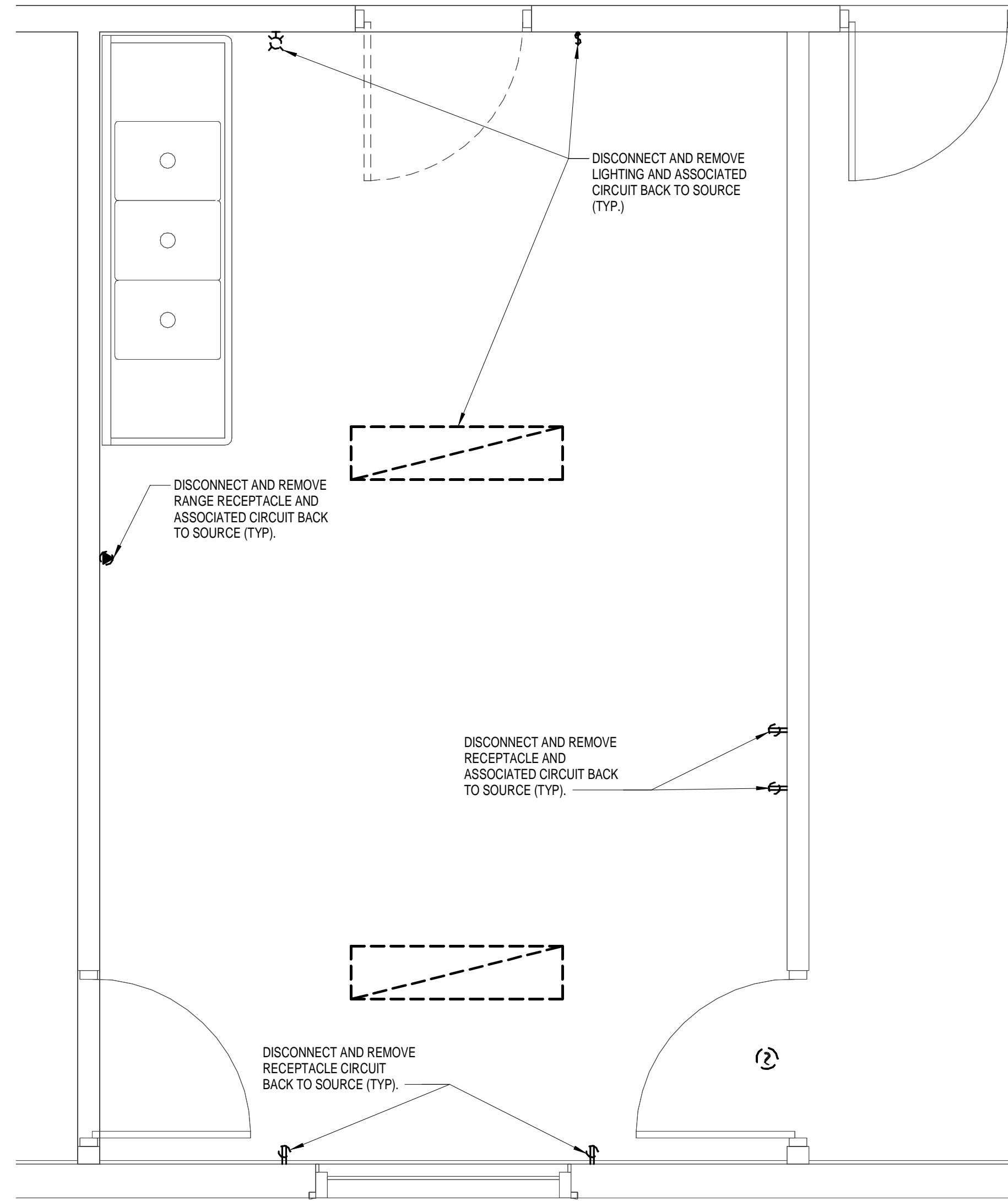


**A1** ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION MENS ROOM

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

A

A



**A2** ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION KITCHEN ROOM (ALTERNATE #2)

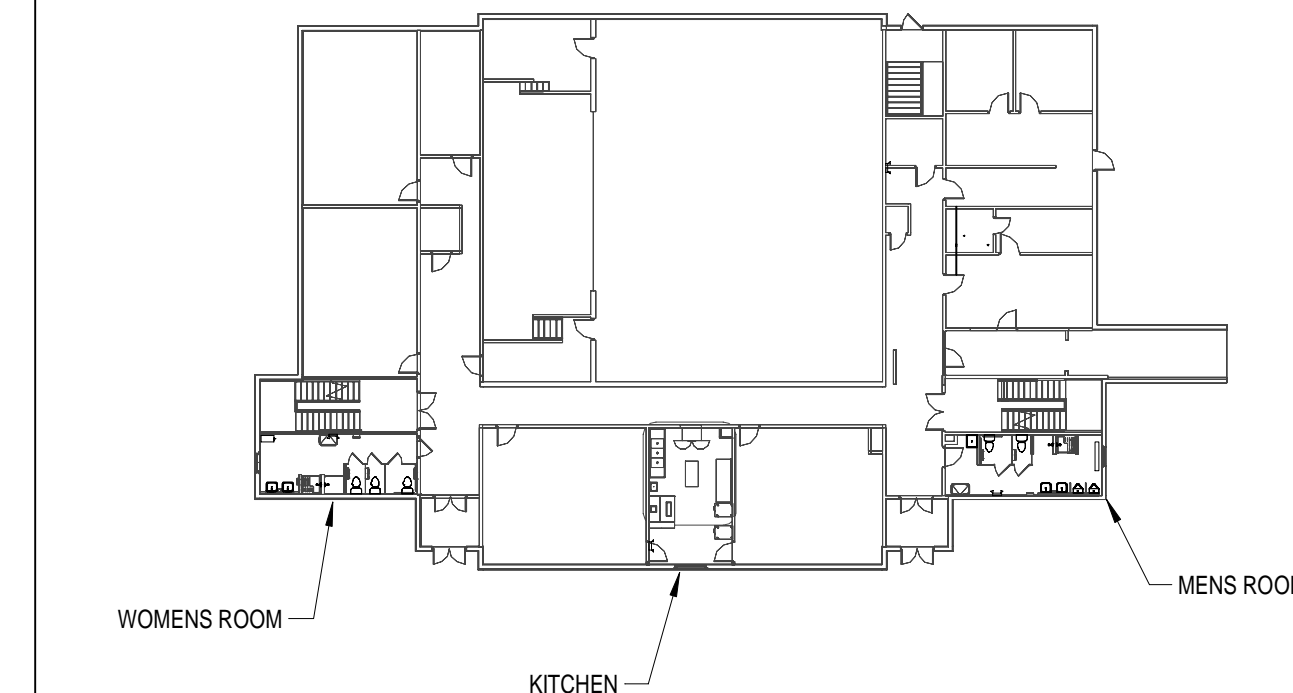
SCALE: 1/2" = 1'-0"

3

**B4** GENERAL DEMOLITION NOTES (THIS SHEET)

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

- A. ALL UNUSED/ABANDONED WIRING, CONDUIT AND DEVICES THAT ARE EXPOSED SHALL BE REMOVED.
- B. UNUSED/ABANDONED ITEMS CONCEALED IN THE WALLS SHALL BE REMOVED.



**A4** FIRST FLOOR ELECTRICAL KEY PLAN

SCALE: NOT TO SCALE

4



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**FIRST FLOOR  
 DEMOLITION PLAN**

**ED-101**

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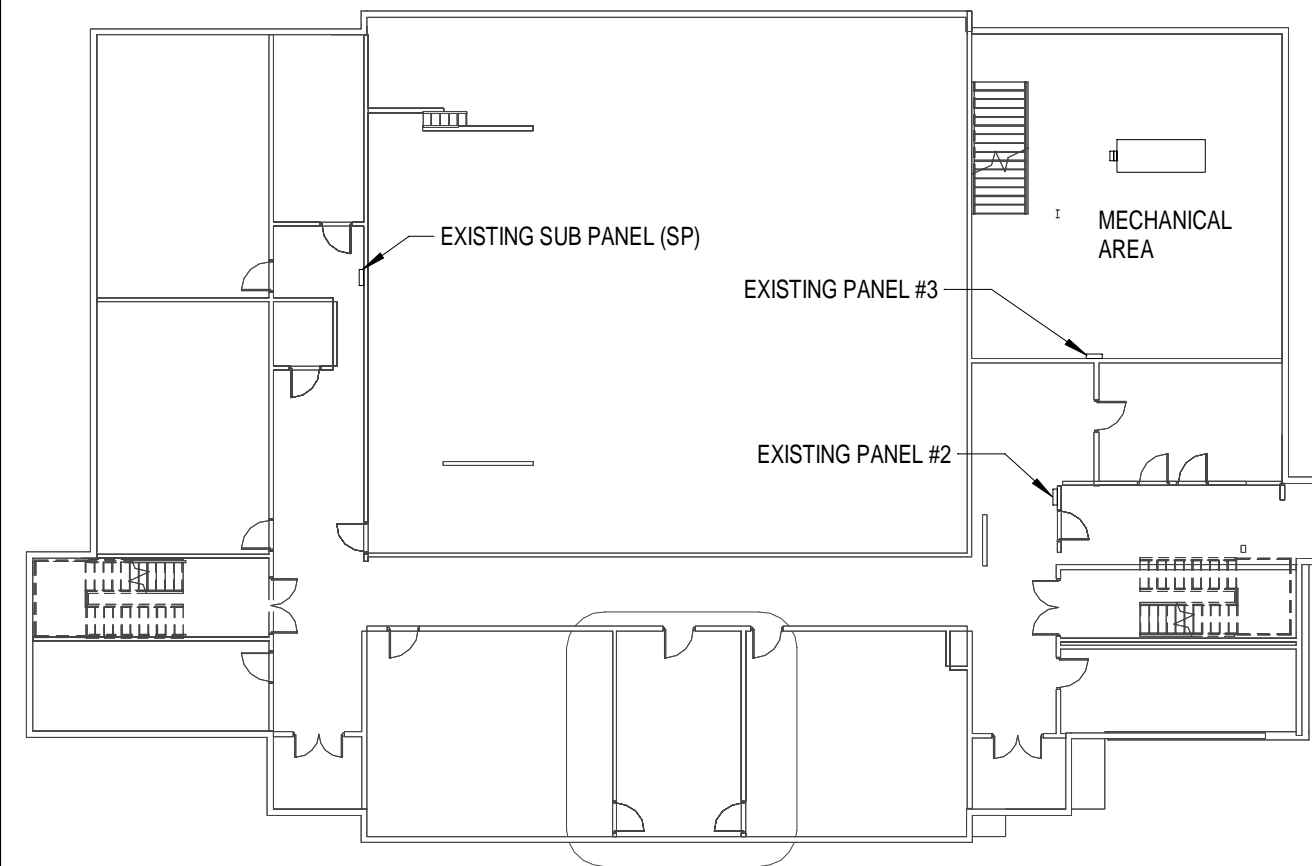
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4

C

C

- A. ALL UNUSED/ABANDONED WIRING, CONDUIT AND DEVICES THAT ARE EXPOSED SHALL BE REMOVED.
- B. UNUSED/ABANDONED ITEMS CONCEALED IN THE WALLS SHALL BE REMOVED.

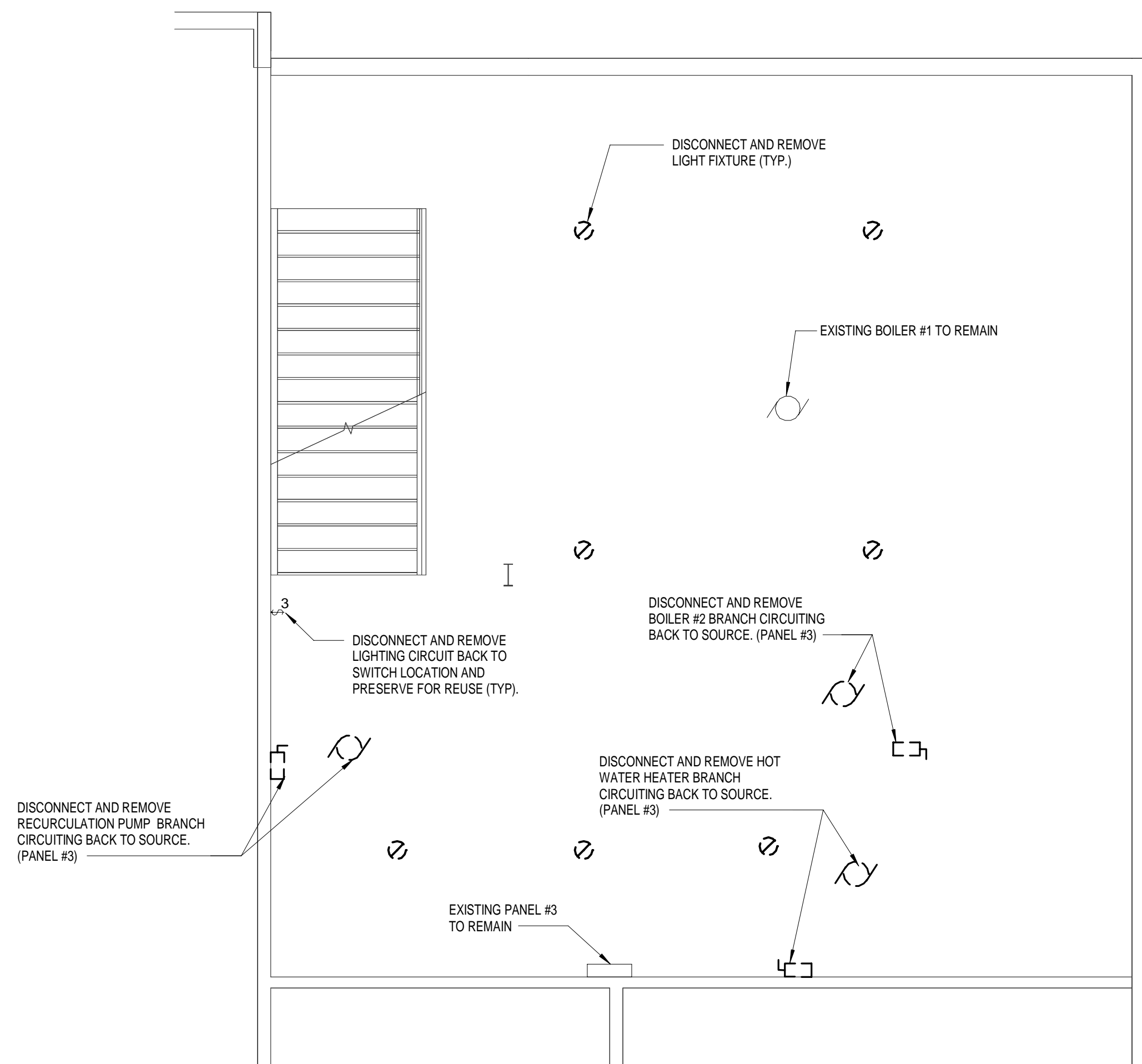


**C1 GENERAL DEMOLITION NOTES**  
SCALE: NOT TO SCALE

**C2 BASEMENT KEY PLAN**  
SCALE: NOT TO SCALE

B

B

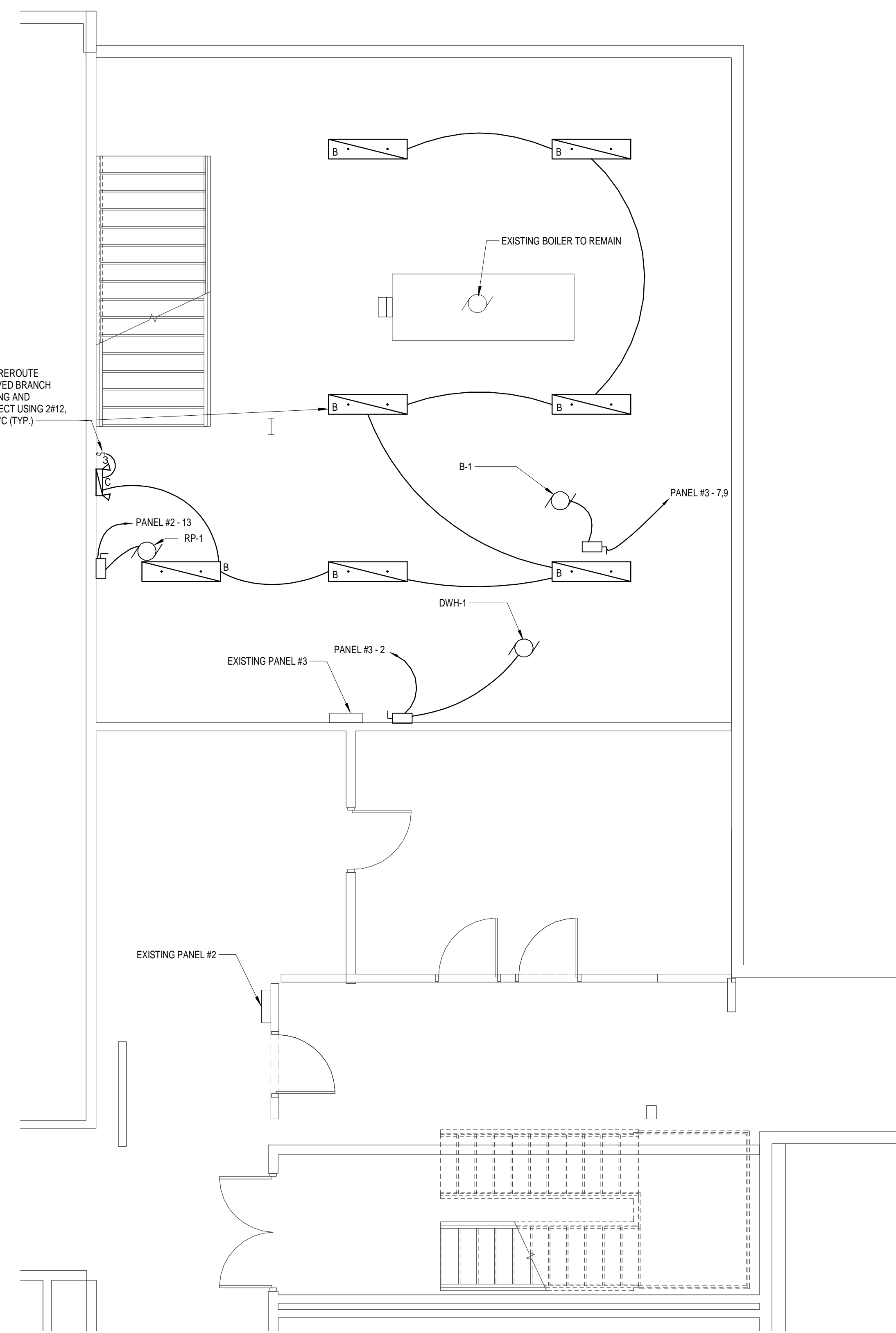


**A1 ELECTRICAL BASEMENT DEMOLITION PLAN**  
SCALE: 1/4" = 1'-0"

1

2

EXTEND/REROUTE PRESERVED BRANCH CIRCUITING AND RECONNECT USING 2#12, #12G, 1/2" C (TYP.)



**A3 ELECTRICAL BASEMENT PLAN**  
SCALE: 1/4" = 1'-0"

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A

A



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**JAY EMERGENCY SHELTER  
UPGRADE  
11 SCHOOL LANE AU SABLE FORKS,  
NY 12912**

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:	655.006.001	
DATE:	OCTOBER 29, 2018	
DRAWN BY:	J. BOSHART	
DESIGNED BY:	J. BOSHART	
CHECKED BY:	D. OBRIST P.E.	
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

**BASEMENT PLAN**

**E-101**

1

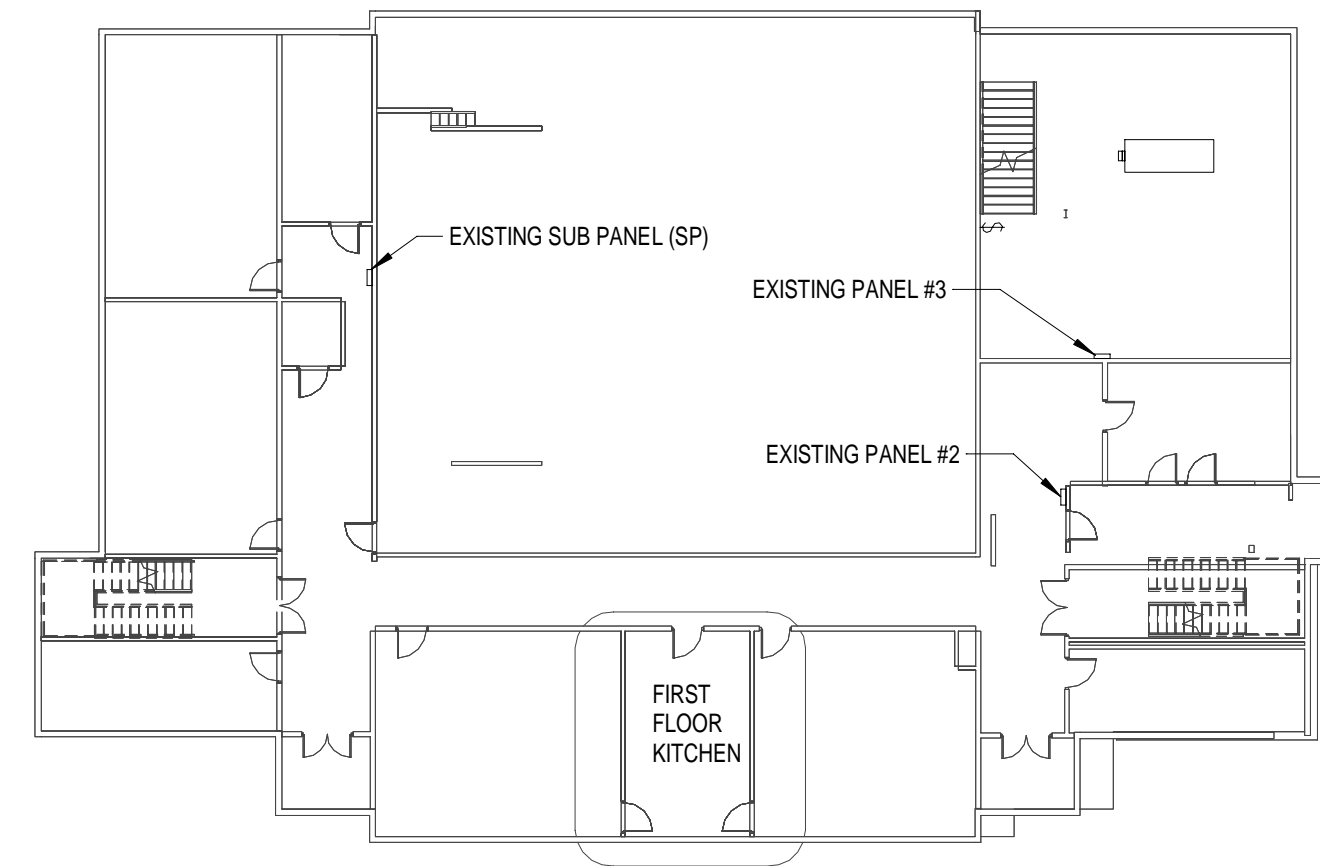
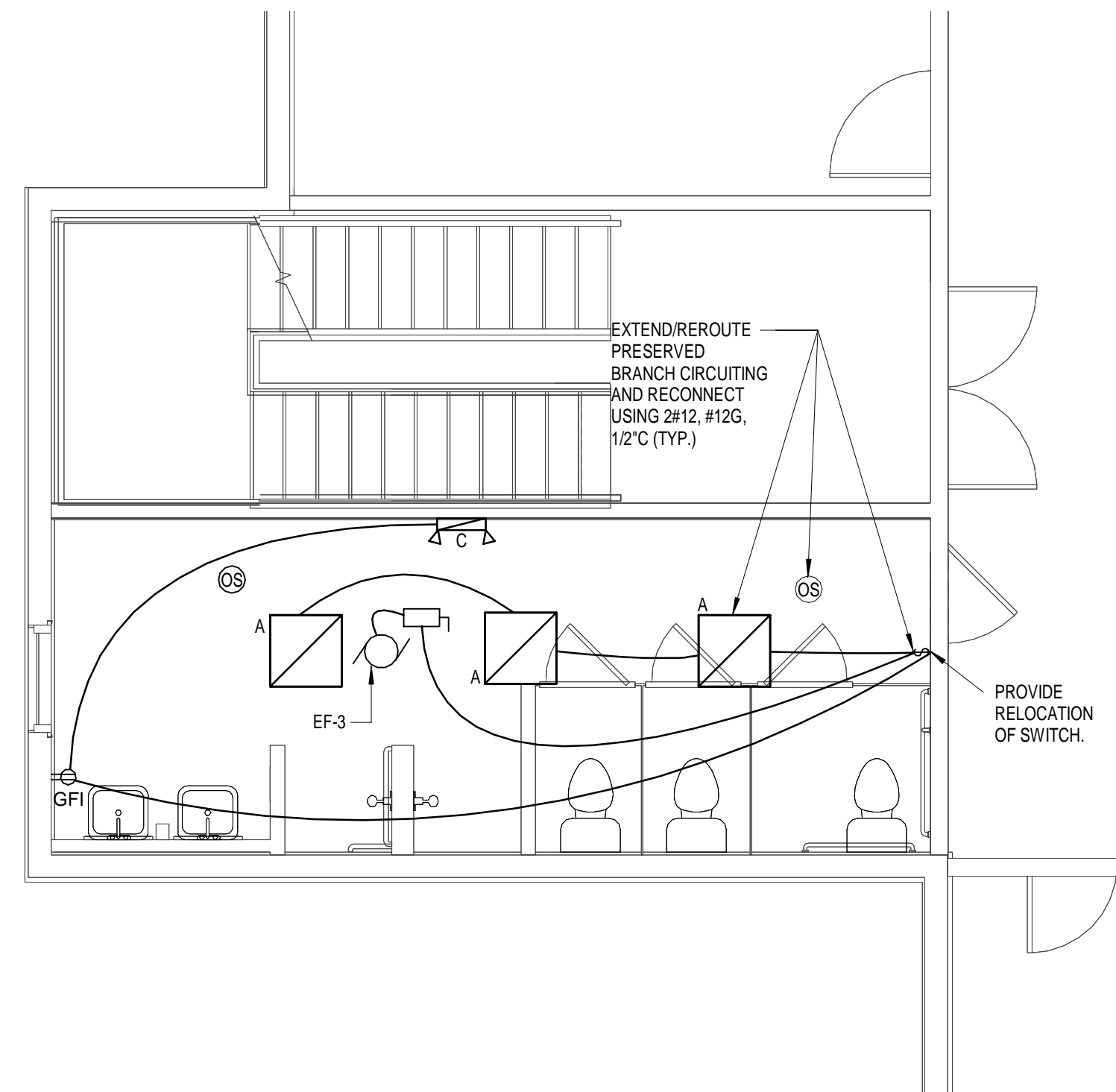
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C

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- A. ALL EXPOSED RACEWAY SHALL BE WIREMOLD ON THE FIRST FLOOR.
- B. EXPOSED RACEWAY SHALL ONLY BE USED IN LOCATIONS THAT ARE EXTREMELY DIFFICULT TO ACCESS. THE BASEMENT SHALL BE USED TO GAIN ACCESS TO RECEPTACLES, SWITCHES, LIGHTING, HOMERUNS, ETC.

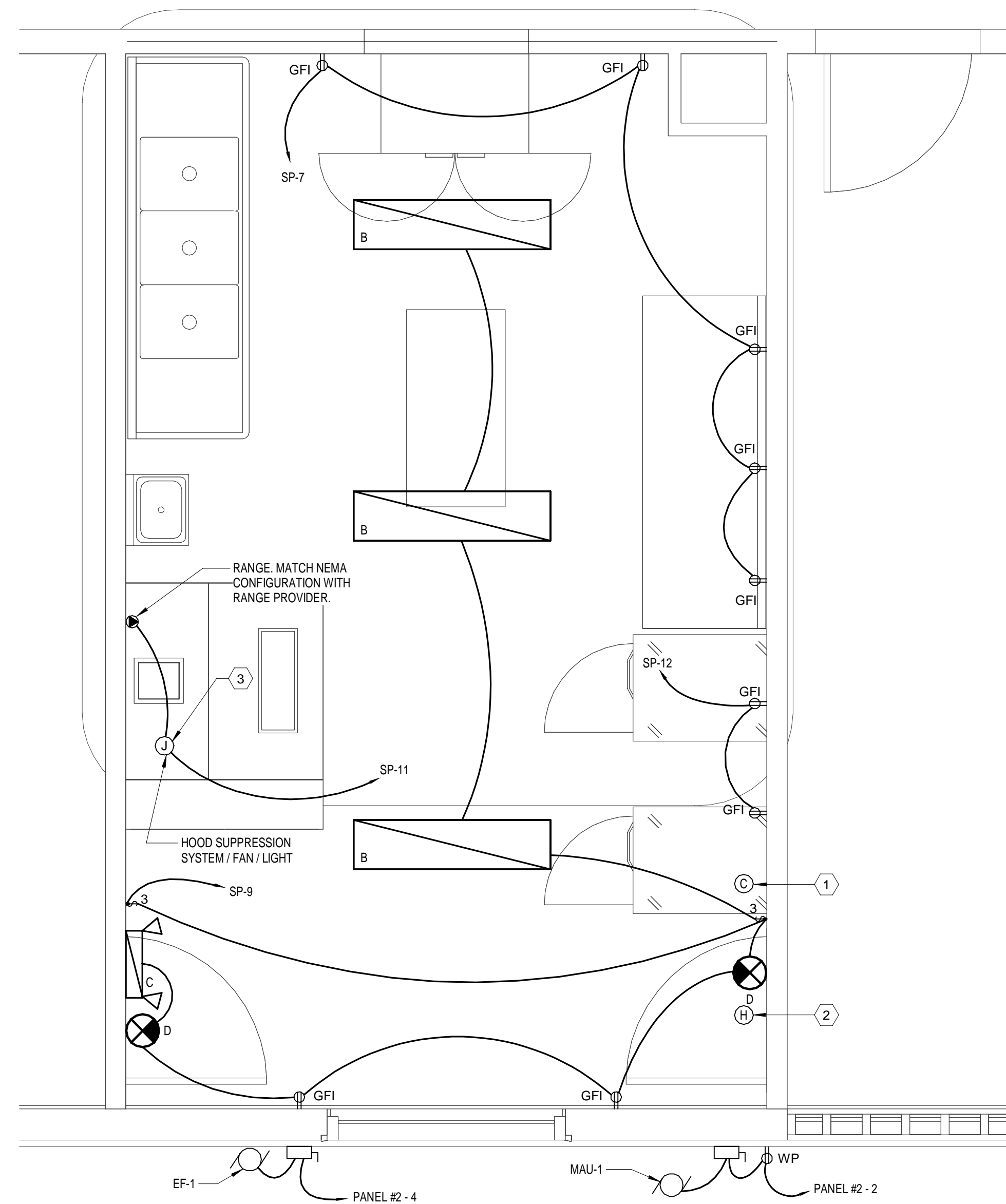
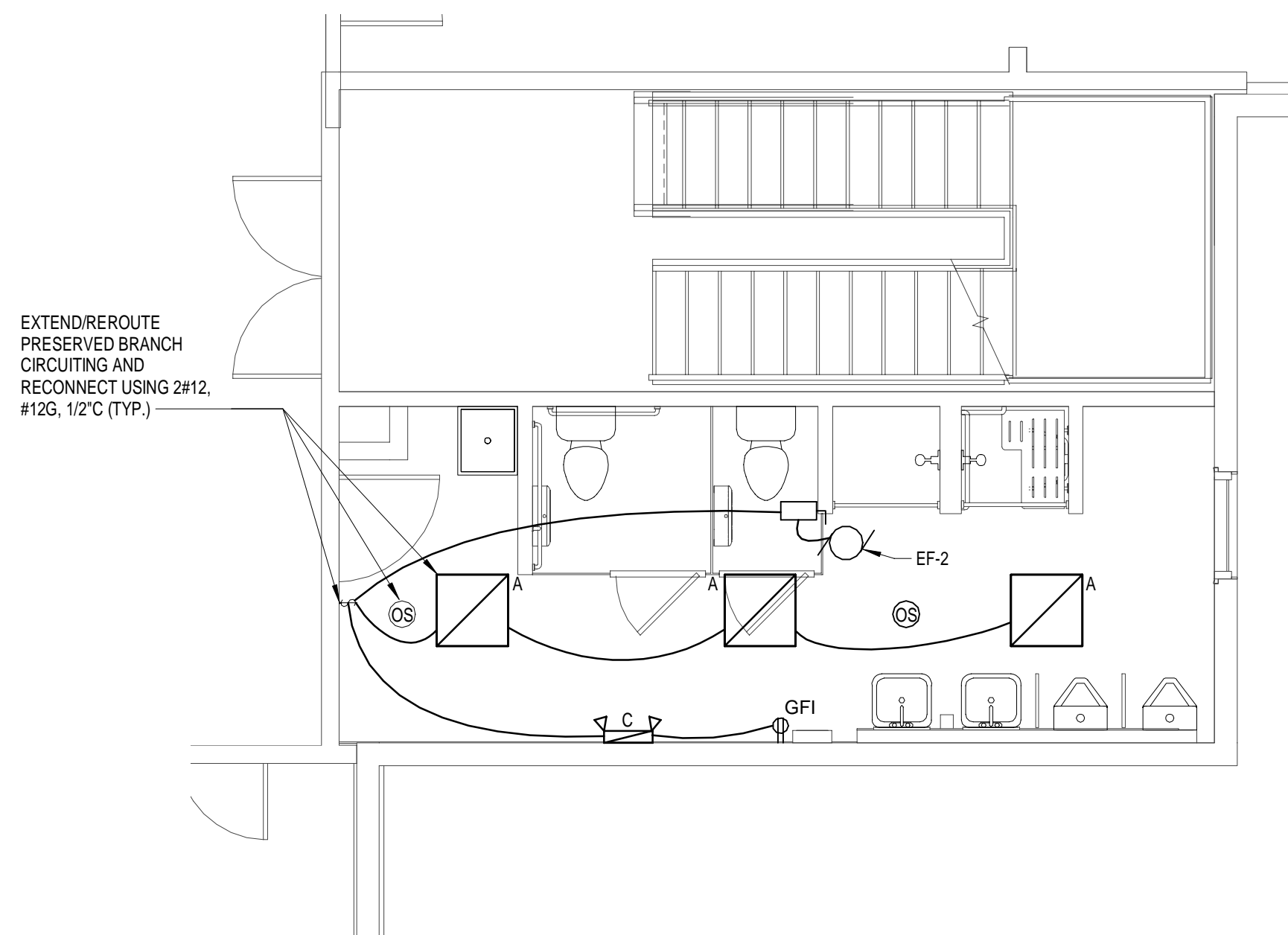
**C2 ELECTRICAL BASEMENT KEY PLAN**  
SCALE: 1" = 20'-0"

**C4 GENERAL NOTES (THIS SHEET)**  
SCALE: 12" = 1'-0"

**B1 ELECTRICAL PARTIAL FIRST FLOOR WOMENS ROOM**  
SCALE: 1/4" = 1'-0"

B

B



- KEYED NOTES:**
- ① PROVIDE HARDWIRED STANDALONE CARBON MONOXIDE DETECTOR WITH BATTERY BACKUP. MATCH THE SAME NUMBER, TYPE, AND SIZE CONDUCTOR AND CONDUIT AS EXISTING.
  - ② PROVIDE CONVENTIONAL HEAT DETECTOR. CONNECT TO EXISTING FIRE ALARM INITIATING DEVICE CIRCUIT IN CORRIDOR. MATCH THE SAME NUMBER, TYPE, AND SIZE CONDUCTOR AND CONDUIT AS EXISTING.
  - ③ MONITOR HOOD SUPPRESSION SYSTEM VIA EXISTING FIRE ALARM INITIATING DEVICE CIRCUIT IN CORRIDOR. MATCH THE SAME NUMBER, TYPE, AND SIZE CONDUCTOR AND CONDUIT AS EXISTING.
- GENERAL NOTES:**
- A. PROVIDE A 20A-1P CIRCUIT BREAKER IN SUB-PANEL (SP) USING 2#12, #12G, 1/2" C TYPE AND AIC RATING SHALL MATCH EXISTING.

**A1 ELECTRICAL PARTIAL FIRST FLOOR MEN ROOM**  
SCALE: 1/4" = 1'-0"

**A2 ELECTRICAL PARTIAL FIRST FLOOR KITCHEN (ALTERNATE #2)**  
SCALE: 1/2" = 1'-0"

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A



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**JAY EMERGENCY SHELTER  
UPGRADE  
11 SCHOOL LANE AU SABLE FORKS,  
NY 12912**

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: 655.006.001		
DATE: OCTOBER 29, 2018		
DRAWN BY: J. BOSHART		
DESIGNED BY: J. BOSHART		
CHECKED BY: D. OBRIST P.E.		
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

**FIRST FLOOR PLAN**

**E-102**

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C

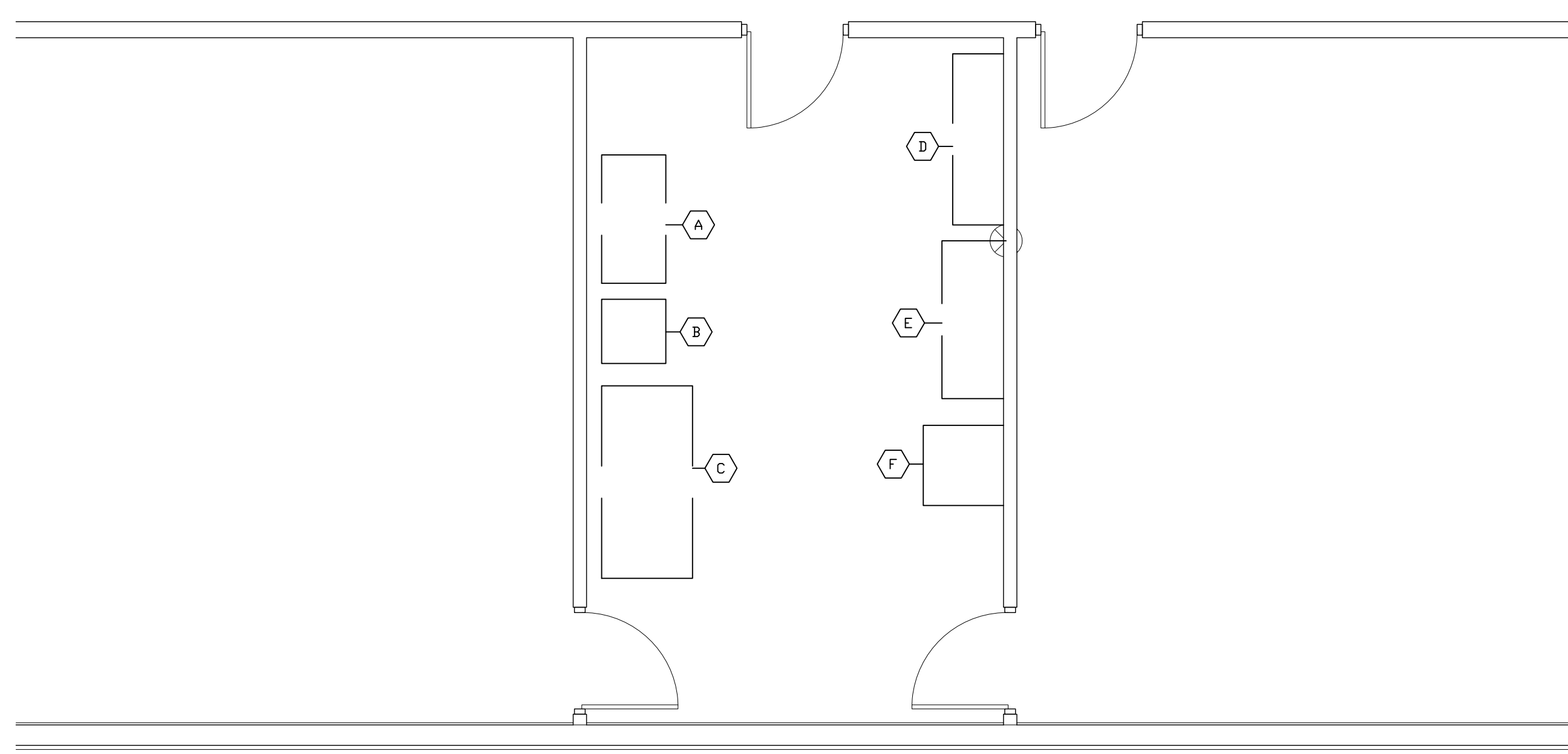
B

A

C

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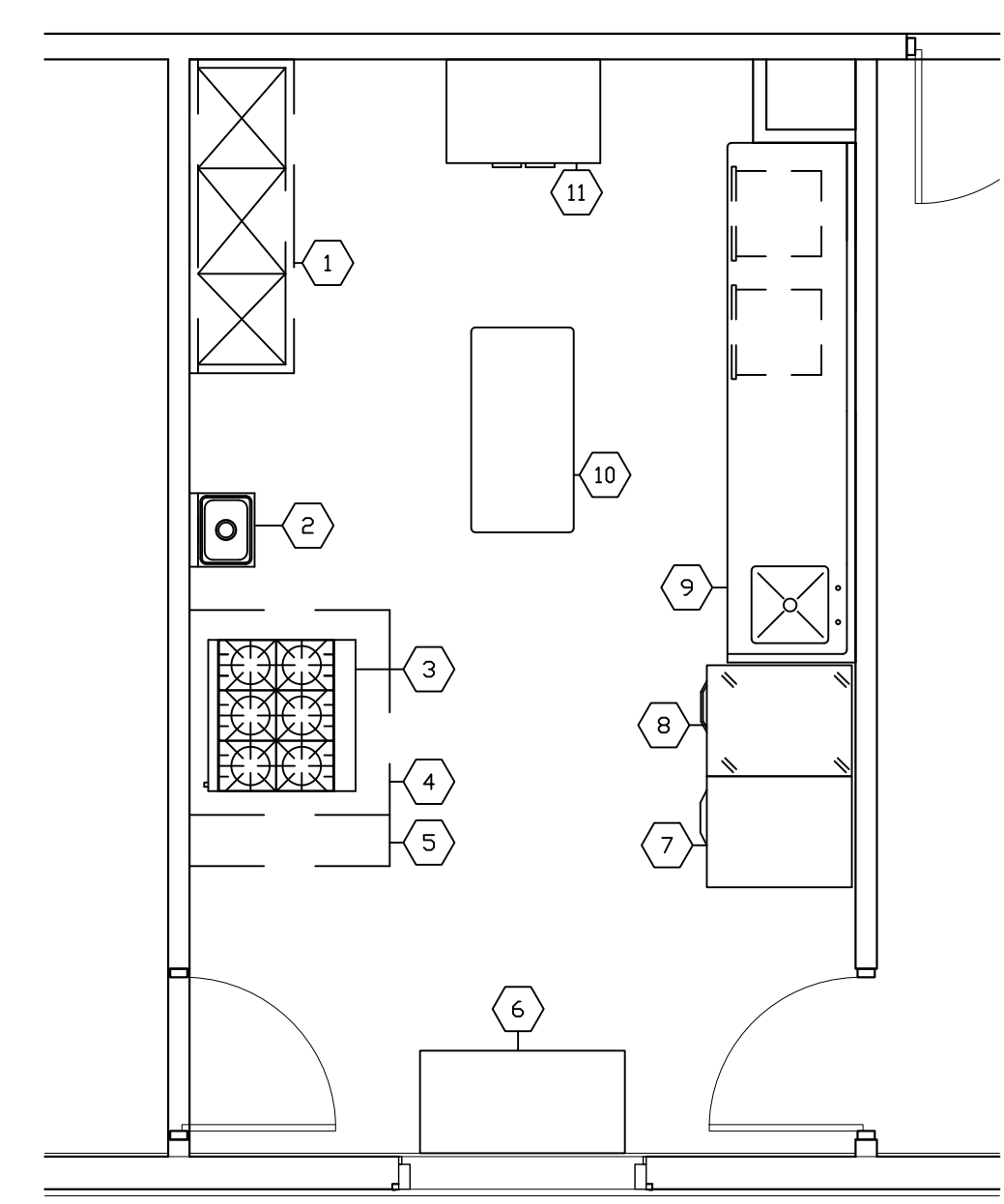
A



FOOD EQUIPMENT SCHEDULE – EXISTING AREA

ITEM	QUANT.	DESCRIPTION
A	1	POT/PAN SINK - DEMOLISHED
B	1	DOMESTIC RANGE - DEMOLISHED
C	1	WORKCOUNTER W/CABINETS - DEMOLISHED
D	1	WORKCOUNTER W/CABINETS - DEMOLISHED
E	1	WORKCOUNTER W/CABINETS - ITEM #11 ON NEW PLAN
F	1	DOMESTIC REFRIGERATOR/FREEZER - DEMOLISHED

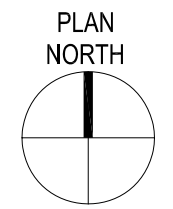
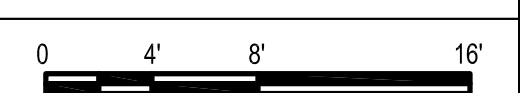
SCALE: 1/4"=1'-0"



FOOD EQUIPMENT SCHEDULE – NEW AREA

ITEM	QUANT.	DESCRIPTION
1	1	POT/PAN SINK - EXISTING/RELOCATE
2	1	HAND SINK
3	1	RANGE W/OVEN
4	1	EXHAUST HOOD
5	1	FIRE SUPPRESSION SYSTEM
6	1	WORKTABLE W/ENCLOSED BASE
7	1	REACH-IN FREEZER
8	1	REACH-IN REFRIGERATOR
9	1	WORKTABLE W/SINK
10	1	MOBILE WORKTABLE
11	1	STORAGE CABINET

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



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**JAY EMERGENCY SHELTER  
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 11 SCHOOL LANE  
 AU SABLE FORKS, NY 12912**

MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO:	655.006.001
DATE:	FEBRUARY 15, 2019
DRAWN BY:	Author
DESIGNED BY:	Designer
CHECKED BY:	Checker

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KITCHEN PLAN

K-101



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**JAY EMERGENCY SHELTER  
UPGRADE  
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NY 12912**

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:	655.006.001	
DATE:	OCTOBER 29, 2018	
DRAWN BY:	C. TWOMBLY	
DESIGNED BY:	C. TWOMBLY	
CHECKED BY:	L. MERRY	
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

**SYMBOLS,  
ABBREVIATIONS,  
NOTES, DETAILS AND  
SCHEDULES**

**M-001**

BOILER SCHEDULE (B)															
UNIT NO.	LOCATION	TYPE	SYSTEM FLUID	GROSS INPUT (MBH)	NET OUTPUT (MBH)	BOILER HP	THERMAL EFF. %	OIL		RELIEF VALVE SETTING (PSIG)	FORCED DRAFT FAN		BASIS OF DESIGN		REMARKS
								INPUT GPH	TYPE		HP	VOLTS /PH	MANUFACTURER / MODEL (BOILER)	MANUFACTURER / MODEL (BURNER)	
B-1	BOILER ROOM	CAST IRON SECTIONAL	STEAM	2,776	2,146	83.0	85.5	24.5	LIGHT	30	2	240 / 1	SMITH / LQ28HE-S-11	POWER FLAME / C3-0	1

(1) PROVIDE FACTORY MOUNTED FUEL OIL DELIVERY PUMP WITH SINGLE POINT POWER CONNECTION.

EXHAUST FAN SCHEDULE (EF)												
UNIT NO.	LOCATION	SERVICE	TYPE	CFM	ESP (IN WG)	FAN BHP	NOMINAL FAN RPM	ELECTRICAL			BASIS OF DESIGN	REMARKS
								VOLTS	PHASE	HP		
EF-1	KITCHEN	HOOD	SIDEWALL	1,100	1.25	0.57	1,723	120	1	1/2	COOK / 150H17DEC	1
EF-2	MENS ROOM	LAV	CEILING	450	0.25	134 W	1,400	120	1	-	COOK / GC-622	2
EF-3	WOMENS ROOM	LAV	CEILING	375	0.25	105 W	1,200	120	1	-	COOK / GC-622	2

(1) PROVIDE GREASE TRAP AND SIDEWALL MOUNTING KIT.  
(2) INTERLOCK FAN OPERATION WITH AAD AT LOUVER.

LOUVER SCHEDULE (LV)												
UNIT NO.	SERVICE	DEPTH	WIDTH	HEIGHT	FREE AREA (SQ FT)	CFM	APD (IN WG)	FACE VELOCITY (FPM)	BIRD SCREEN	BASIS OF DESIGN	REMARKS	
												LV-1
LV-2	EXHAUST	6"	24"	12"	0.67	450	0.10	672	ALUM.	PRICE / DE439	1	

(1) COORDINATE COLOR WITH ARCHITECT.

MAKE-UP AIR UNIT SCHEDULE (MAU)															
UNIT NO.	HEATING COIL - GAS FIRED (PROPANE)				SUPPLY FAN				ELECTRICAL			BASIS OF DESIGN	REMARKS		
	INPUT (MBH)	OUTPUT (MBH)	INLET GAS PRESSURE (IN. WG)	EAT (°F)	LAT (°F)	TYPE	CFM	FAN BHP	FAN RPM	ESP (IN WG)	VOLTS			PHASE	HP
MAU-1	97.8	90.0	7 - 14	-10.0	69.0	PLUG	1,100	0.30	868	0.50	240	1	1/2	RUPP AIR / R/D.250-G10	1

(1) PROVIDE REMOTE SURFACE MOUNTED PANEL.

DIFFUSER, REGISTER AND GRILLE SCHEDULE (D/R/G)							
UNIT NO.	TYPE	SERVICE	SIZE	MAX NC	MATERIAL	CONSTRUCTION	BASIS OF DESIGN
S1	REGISTER	SUPPLY	24X24	25	STEEL	SURFACE MOUNT	PRICE / 510

AMP	AMPERES	EA	EXHAUST AIR	GC	GENERAL CONTRACTOR	LWT	LEAVING WATER TEMPERATURE
AAD	AUTOMATIC AIR DAMPER	EAT	ENTERING AIR TEMPERATURE	GPM	GALLONS PER MINUTE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	EDB	ENTERING DRY BULB TEMPERATURE	HP	HORSEPOWER	MAU	MAKEUP AIR UNIT
APD	AIR PRESSURE DROP	EF	FAN	HR	HUMIDITY RATIO, HOUR	MBH	1000 BTUH
B	BOILER	ESP	EXTERNAL STATIC PRESSURE	HZ	HERTZ	MCA	MINIMUM CIRCUIT AMPACITY
BHP	BRAKE HORSE POWER	EWB	ENTERING WET BULB TEMPERATURE	IN	INCH	MIN	MINIMUM
BTU	BRITISH THERMAL UNIT	EWT	ENTERING WATER TEMPERATURE	KW	KILOWATT	OA	OUTSIDE AIR
BTUH	BRITISH THERMAL UNIT PER HOUR	°F	FAHRENHEIT	LAT	LEAVING AIR TEMPERATURE	PH	PHASE
CFM	CUBIC FEET PER MINUTE	F&T	FLOAT AND THERMOSTATIC TRAP	LB	POUND	PSI	POUNDS PER SQUARE INCH
DB	DRY BULB TEMPERATURE	FC	FLEXIBLE CONNECTION	LDB	LEAVING DRY BULB TEMPERATURE	RPM	REVOLUTION PER MINUTE
DIA	DIAMETER	FIL	FILTER	LPC	LOW PRESSURE CONDENSATE	SA	SUPPLY AIR
DN	DOWN	FPM	FEET PER MINUTE	LPS	LOW PRESSURE STEAM	SP	STATIC PRESSURE
(E)	EXISTING	FT	FEET	LV	LOUVER	TYP	TYPICAL
		GAL	GALLONS	LWB	LEAVING WET BULB	V	VOLT

**C1 MECHANICAL ABBREVIATIONS**  
SCALE: NOT TO SCALE

<p><b>GENERAL</b></p> <p>— NEW WORK</p> <p>- - - REMOVALS</p> <p>DISCONNECT FROM EXISTING</p> <p>CONNECT TO EXISTING</p> <p>DIRECTION OF AIRFLOW</p> <p>UNIT GENERAL EQUIPMENT DESIGNATION</p> <p>KEYNOTE</p> <p><b>DUCTWORK</b></p> <p>SQUARE TO ROUND DUCT TRANSITION</p> <p>SQUARE MAIN TO ROUND BRANCH TAKE-OFF</p> <p>FLEXIBLE DUCT CONNECTOR</p> <p>POSITIVELY PRESSURIZED DUCT OUT OF THE PLANE</p> <p>POSITIVELY PRESSURIZED DUCT INTO THE PLANE</p> <p>NEGATIVELY PRESSURIZED DUCT OUT OF THE PLANE</p> <p>NEGATIVELY PRESSURIZED DUCT INTO THE PLANE</p> <p>SQUARE ELBOW WITH TURNING VANES</p> <p>MANUAL VOLUME DAMPER</p> <p>AAD AUTOMATIC AIR DAMPER</p> <p>TYPE / CFM NECK SIZE (TYPICAL OF) DIFFUSER DESIGNATION</p> <p>VIEW SHEET ENLARGED PLAN &amp; DETAIL CALL OUT</p>	<p><b>PIPING</b></p> <p>BALL, BUTTERFLY, GATE OR GLOBE VALVE</p> <p>CHECK VALVE</p> <p>NEEDLE VALVE</p> <p>PRESSURE RELIEF VALVE</p> <p>MANUAL AIR VENT</p> <p>AUTOMATIC AIR VENT</p> <p>UNION</p> <p>REDUCER</p> <p>STRAINER</p> <p>PIPE DROP</p> <p>PIPE RISER</p> <p>PIPE CAP</p>	<p>1. COORDINATE DEMOLITION WITH OTHER CONTRACTORS.</p> <p>2. CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH OCCUPIED BUILDING AREAS. SERVICE TO OTHER PARTS OF BUILDING SHALL REMAIN ACTIVE.</p> <p>3. DISCONNECT, CAP, AND IDENTIFY DESIGNATED UTILITIES WITHIN DEMOLITION AREAS.</p> <p>4. DEMOLISH IN AN ORDERLY AND CAREFUL MANNER, PROTECT EXISTING SUPPORTING STRUCTURAL MEMBERS AND PARTITIONS TO REMAIN.</p> <p>5. EXCEPT WHERE NOTED OTHERWISE, REMOVE DEMOLISHED MATERIALS FROM SITE. DO NOT DISPOSE OF ANY MATERIAL ON SITE.</p> <p>6. REMOVE DEMOLISHED MATERIAL FROM SITE AS WORK PROGRESSES. UPON COMPLETION OF WORK LEAVE AREAS IN CLEAN CONDITION.</p> <p>7. COMPLETELY REMOVE ALL PIPING, DUCTWORK, HANGERS, ETC..</p> <p>8. PROVIDE REINSULATION TO EXISTING DISTRIBUTION AND SERVICES SCHEDULED TO REMAIN IN USE.</p> <p>9. DEMOLITION SHALL INCLUDE REMOVAL OF ALL STRAPS, HANGERS, CLAMPS, CHANNEL, AND OTHER DEVICES USED FOR SUPPORTING EQUIPMENT.</p> <p>10. DRAIN, VENT, OR DISCHARGE MECHANICAL SYSTEMS PRIOR TO DISASSEMBLY.</p> <p>11. IN MECHANICAL SYSTEMS BEING REMOVED, BLANK OFF, PLUG, OR CAP ALL BRANCH LINES (DUCTWORK OR PIPING) SCHEDULED FOR DEMOLITION WHERE THEY TIE INTO MAIN LINES TO REMAIN.</p> <p>12. DEMOLITION INCLUDES REMOVAL OF EQUIPMENT, SELECTED DUCTWORK, PIPING, ETC... THE DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF ITEMS TO BE REMOVED. IT IS THE MECHANICAL CONTRACTORS RESPONSIBILITY TO REMOVE ALL ASSOCIATED EQUIPMENT AND MATERIALS THAT ARE NOT SPECIFICALLY IDENTIFIED TO BE REUSED, TO PRODUCE A CLEAN AND WORKABLE SYSTEM.</p> <p>13. REMOVE ALL OBSOLETE, FREE HANGING AND OPEN OR DEAD ENDED AIR, GLYCOL PIPING OR DUCT.</p> <p>14. THE MECHANICAL DRAWINGS ARE DIAGRAMMATICAL. IT IS NOT POSSIBLE OR THE INTENT TO SHOW ALL PIECES OF THE SYSTEMS BEING REMOVED AND/OR INSTALLED UNDER THE CONTRACT. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE A COMPLETE, RELIABLE AND WORKING SYSTEM. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO DEMOLISH ALL MATERIALS ASSOCIATED TO REMOVALS TO PROVIDE A "LIKE NEW" APPEARANCE WITHIN THE SPACES (E NO HANGARS, TUBING ETC ABANDONED IN PLACE UNLESS DIRECTED TO DO SO).</p>
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**B1 MECHANICAL SYMBOLS**  
SCALE: NOT TO SCALE

**B2 GENERAL MECHANICAL DEMOLITION NOTES**  
SCALE: NOT TO SCALE

**B3 SCHEDULES**  
SCALE: NOT TO SCALE

- ALL WORK SHALL CONFORM TO ALL APPLICABLE RULES, REGULATIONS AND CODES, INCLUDING, BUT NOT LIMITED TO NEW YORK ENERGY CODE, NEW YORK BUILDING CODE AND OSHA.
- ALL EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF THE CURRENT INTERNATIONAL ENERGY CODE AND AS MODIFIED BY NEW YORK. ALL SUBMITTALS FOR EQUIPMENT COVERED BY THE CODE SHALL INCLUDE THE MANUFACTURER'S STATEMENT OF CONFORMANCE TO THE CODE.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO DUCTWORK FABRICATION OR ANY OTHER MECHANICAL WORK. MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT, PIPING, DUCTWORK, AND PADS WITH OTHER CONTRACTORS. PROVIDE FITTINGS, ELEVATION CHANGES, TRANSITIONS, AND OFFSETS REQUIRED, WHETHER SHOWN OR NOT, TO AVOID CONFLICTS WITH WORK OF OTHER CONTRACTS.
- MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING ALL HVAC PENETRATIONS (PIPING, DUCTWORK, ETC) IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND WHERE SHOWN OR SPECIFIED.
- ITEMS OF SPECIFIC MANUFACTURER'S SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVES DIRECTIONS.
- MECHANICAL CONTRACTOR TO INSTALL ALL NECESSARY STIFFENERS, BRACES, STRUTS, ETC, WHETHER SHOWN OR NOT, TO PROVIDE A COMPLETE, SAFE, AND DURABLE SYSTEM.
- DIMENSIONS SHOWN "AFF" INDICATE THE ACTUAL CLEAR DIMENSIONS FROM THE BOTTOM OF THE UNIT TO THE FINISHED FLOOR ELEVATION; UNLESS INDICATED OTHERWISE.
- SUPPORT AND EQUIPMENT DETAILS MAY VARY TO SUIT EQUIPMENT AND PARTS SUPPLIED.
- WELD ALL STEEL ANGLE JOINTS UNLESS OTHERWISE SHOWN.
- ALL DUCT DIMENSIONS SHOWN ARE "SIDE SEEN" BY "SIDE NOT SEEN" AND ARE THE CLEAR INSIDE DIMENSIONS UNLESS OTHERWISE NOTED.

- PROVIDE ALL CONTROL AND INTERLOCK WIRING REQUIRED OR SPECIFIED THAT IS NOT PROVIDED BY THE ELECTRICAL CONTRACTOR.
  - COORDINATE WITH ELECTRICAL CONTRACTOR AND FIRE PROTECTION CONTRACTOR REGARDING THE RESPONSIBILITIES FOR SUPPLYING, INSTALLING AND WIRING OF HVAC-RELATED DISCONNECT SWITCHES, STARTERS, SAFETY INTERLOCKS, EMERGENCY SHUTDOWN AND WIRING.
  - WORK ON M-SERIES DRAWINGS IS BY THE MECHANICAL CONTRACTOR (MC) UNLESS OTHERWISE NOTED.
  - VERIFY ALL LOCATIONS, DIMENSIONS, EQUIPMENT ARRANGEMENTS, CLEARANCES AND ELECTRICAL CHARACTERISTICS IN THE FIELD PRIOR TO BID. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
  - PRIOR TO CUTTING THROUGH FLOORS AND WALLS THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL STRUCTURAL MEMBERS, JOISTS, AND OR COLUMNS. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. DO NOT CUT ANY STRUCTURAL MEMBERS UNLESS SPECIFICALLY DIRECTED TO DO SO.
  - INSTALL ALL NEW DUCT AND PIPE WITHIN EXISTING OPENINGS SUCH THAT IT ALLOWS AS MUCH SPACE AS POSSIBLE TO ONE SIDE WHICH MAY ALLOW PASSAGE.
  - PATCH AND SEAL DUCT WHERE BRANCHES / TAKEOFFS HAVE BEEN REMOVED AND NO NEW CONNECTION IS NEEDED.
  - CAP AND SEAL PIPING WHERE BRANCHES / TAKEOFFS HAVE BEEN REMOVED AND NO NEW CONNECTION IS NEEDED.
- ENERGY CODE COMPLIANCE:** TO THE BEST OF OUR KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, PLAN AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CODE.

- ASBESTOS AWARENESS NOTES:**
- THE OWNER HAS PERFORMED A PRE-RENOVATION SURVEY FOR ASBESTOS AND A COPY OF THE REPORT IS AVAILABLE IN THE SPECIFICATION MANUAL.
  - ASBESTOS CONTAINING MATERIALS IDENTIFIED IN THE REPORT ARE TO BE ABATED PRIOR TO ANY CONSTRUCTION THAT COULD DISTURB THESE MATERIALS (FLOOR MASTIC, LINOLEUM, BOILER ROPE).
  - IF DURING THE COURSE OF CONSTRUCTION SUSPECT ACM MATERIALS ARE DISCOVERED, AVOID DISTURBING THOSE MATERIALS. INFORM THE OWNER SO THAT SAMPLING AND TESTING CAN BE ARRANGED, THEN PROCEED AS DIRECTED BY THE OWNER.
- LEAD AWARENESS NOTE**
- THE OWNER HAS PERFORMED A PRE-RENOVATION SURVEY FOR LEAD BASED PAINT AND A COPY OF THE REPORT IS AVAILABLE IN THE SPECIFICATIONS
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS, INCLUDING OSHA 29 CFR 1926.62 (LEAD IN CONSTRUCTION STANDARD), AND FOR TAKING PRECAUTIONS TO ENSURE THAT WORKERS ARE NOT EXPOSED TO LEAD IN EXCESS OF THE PERMISSIBLE EXPOSURE LIMIT.

**A1 GENERAL MECHANICAL NOTES**  
SCALE: NOT TO SCALE

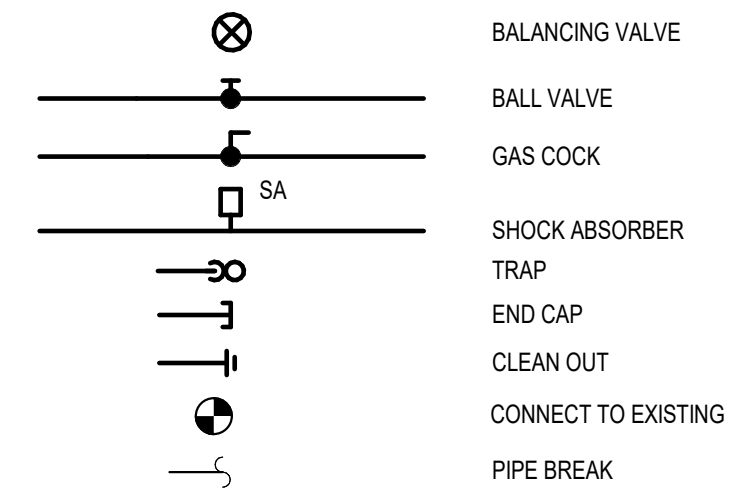
**A3 ASBESTOS AND LEAD NOTES**  
SCALE: NOT TO SCALE







---	DOMESTIC COLD WATER PIPING (DCW)
---	DOMESTIC HOT WATER PIPING (DHW)
---	DOMESTIC HOT WATER PIPING 140 (DHW)
---	DOMESTIC HOT WATER RECIRCULATION PIPING 140 (DHW)
---	DOMESTIC HOT WATER RECIRCULATION PIPING (DHW)
---	SANITARY PIPING (SAN)
---	INDIRECT WASTE PIPING (IW)
---	PROPANE GAS PIPING (G)
---	VENT PIPING (V)
---	TEMPERED WATER PIPING (TW)
---	FUEL OIL PIPING SUPPLY (O)
---	FUEL OIL PIPING RETURN (O)



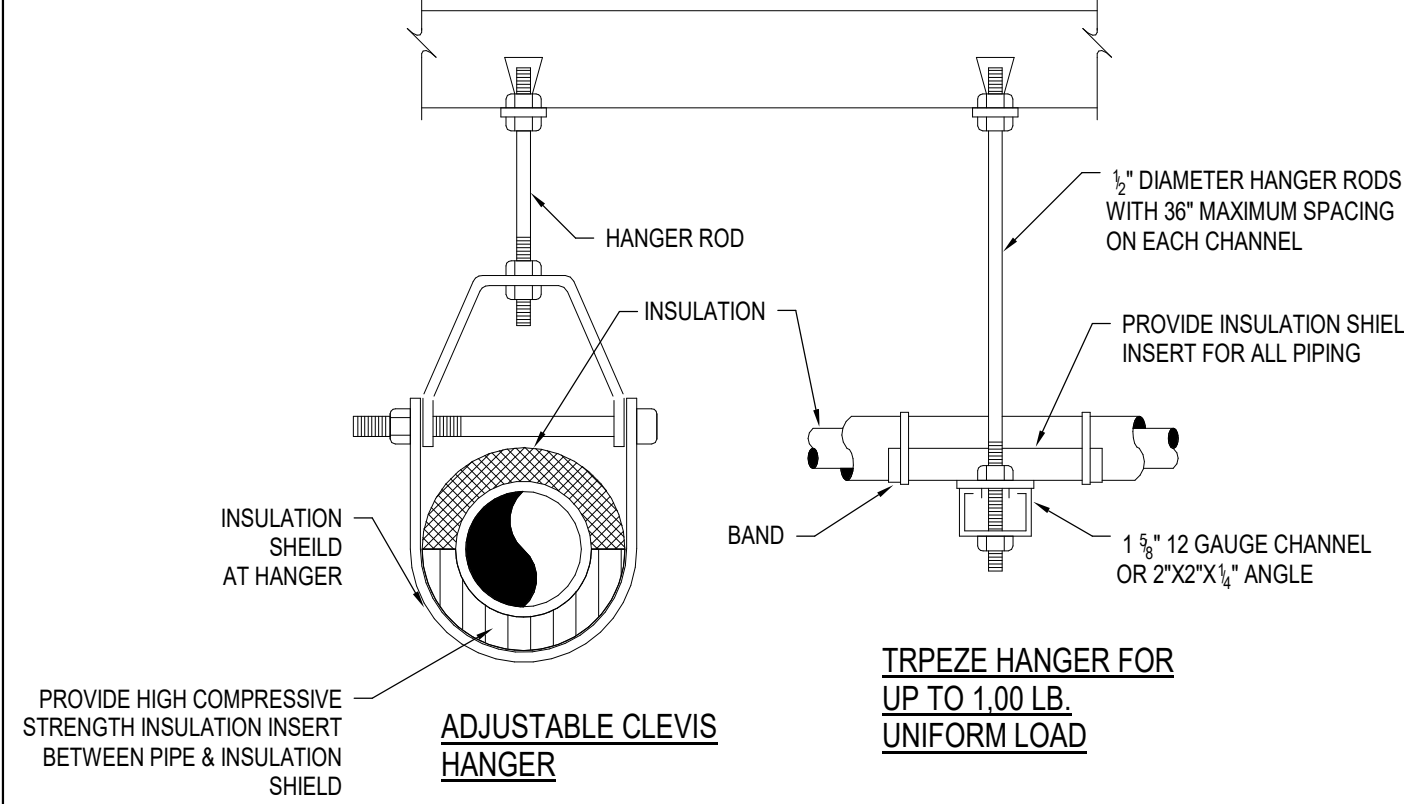
AAV	AIR ADMITTANCE VALVE
CLG	CEILING
CO	CLEAN OUT
DN	PIPING DOWN
DPCO	DECK PLATE CLEANOUT
DW	DISHWASHER
DWH	DOMESTIC WATER HEATER
EWC	ELECTRIC WATER COOLER
EX	EXISTING
FD	FLOOR DRAIN
IW	INDIRECT WASTE
LAV	LAVATORY
MB	MOP BASIN
SA	SHOCK ABSORBER
UR	URINAL
VTR	VENT THROUGH ROOF
WC	WATERCLOSET
SK	KITCHEN SINK
WPCO	WALL PLATE CLEANOUT

- PROVIDE AN UPWARD SLOPE OF 1/4"FT ON HORIZONTAL RUNS OF EXHAUST VENT PIPING. PROVIDE 10" AL 29-4C STAINLESS STEEL SECTIONS & FITTINGS FOR EXHAUST VENT.
- PROVIDE DEDICATED, ISOLATED, STABLE & CLEAN ELECTRICAL CIRCUIT FREE OF EMF OR RF1 INTERFERENCE TO EACH DEVICE. PROVIDE DISCONNECT SWITCH FOR EACH BOILER. PROVIDE DISCONNECT SWITCH FOR EACH PIECE OF EQUIPMENT.
- PROVIDE START-UP SERVICE & BALANCING OF DOMESTIC HOT WATER SYSTEM FROM A QUALIFIED FACTORY REPRESENTATIVE AND PROVIDE A LETTER TO THE OWNER NOTIFYING THAT THIS SERVICE HAS BEEN COMPLETED.
- ALL PRODUCTS SHALL BE INSTALLED ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED STANDARDS.
- ALL COMPONENT PARTS FOR THE HOT WATER HEATING SYSTEM MUST BE SUPPLIED. THIS SHALL INCLUDE ALL THERMOMETERS, TANK, CONTROLS, RELIEF VALVES, CIRCULATORS, SAFETY FLOW SWITCHES ETC. REFER TO DETAIL ON DRAWING.

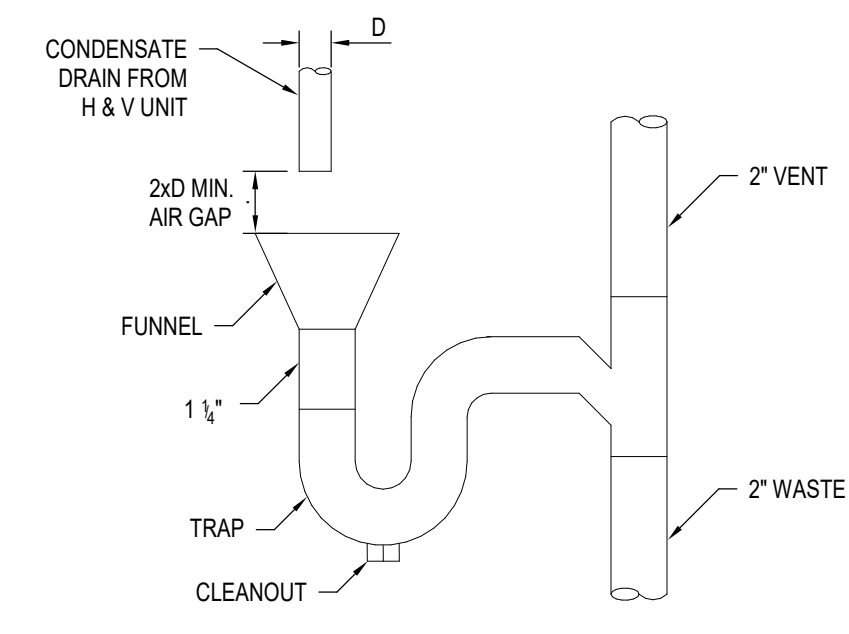
**C1 GENERAL NOTES**  
SCALE: NOT TO SCALE

FIXTURE CONNECTION SCHEDULE				
FIXTURE	WASTE	VENT	COLD	HOT
WATERCLOSET (WC)	4"	2"	1"	---
URINAL (UR)	2"	1 1/2"	3/4"	---
LAVATORY (LAV)	1-1/2"	1-1/2"	1/2"	1/2"
SERVICE SINK (SS)	3"	1-1/2"	1/2"	1/2"
SINK (SK)	1-1/2"	1-1/2"	1/2"	1/2"
SHOWER (SH)	2"	1-1/2"	1/2"	1/2"
POT AND PAN SINK	(3) 1-1/2" TO GREASE TRAP	-	1/2"	1/2" (140 F)
PREP SINK	1-1/2" TO FLOOR SINK	-	1/2"	1/2" (140 F)
HAND SINK	1-1/2"	1-1/2"	1/2"	1/2"
MOP SINK	3"	1-1/2"	1/2"	1/2"

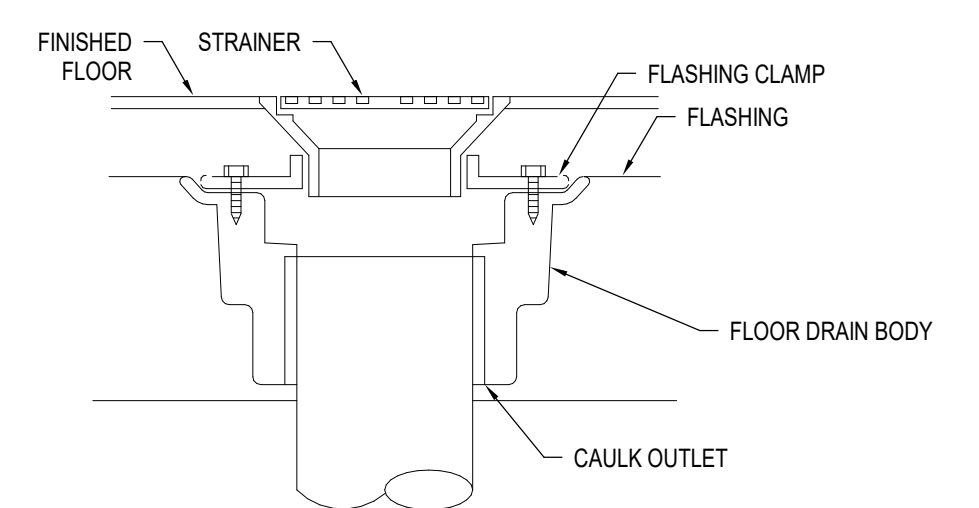
NOTE: GAS RANGE IN KITCHEN REQUIRES 1-1/4" PROPANE GAS CONNECTION.  
HOOD FIRE PROTECTION SYSTEM: MECHANICAL PROPANE GAS VALVE FURNISHED BY KITCHEN EQUIPMENT MANUFACTURER AND INSTALLED BY PLUMBING CONTRACTOR. WIRING DONE BY ELECTRICAL CONTRACTOR.



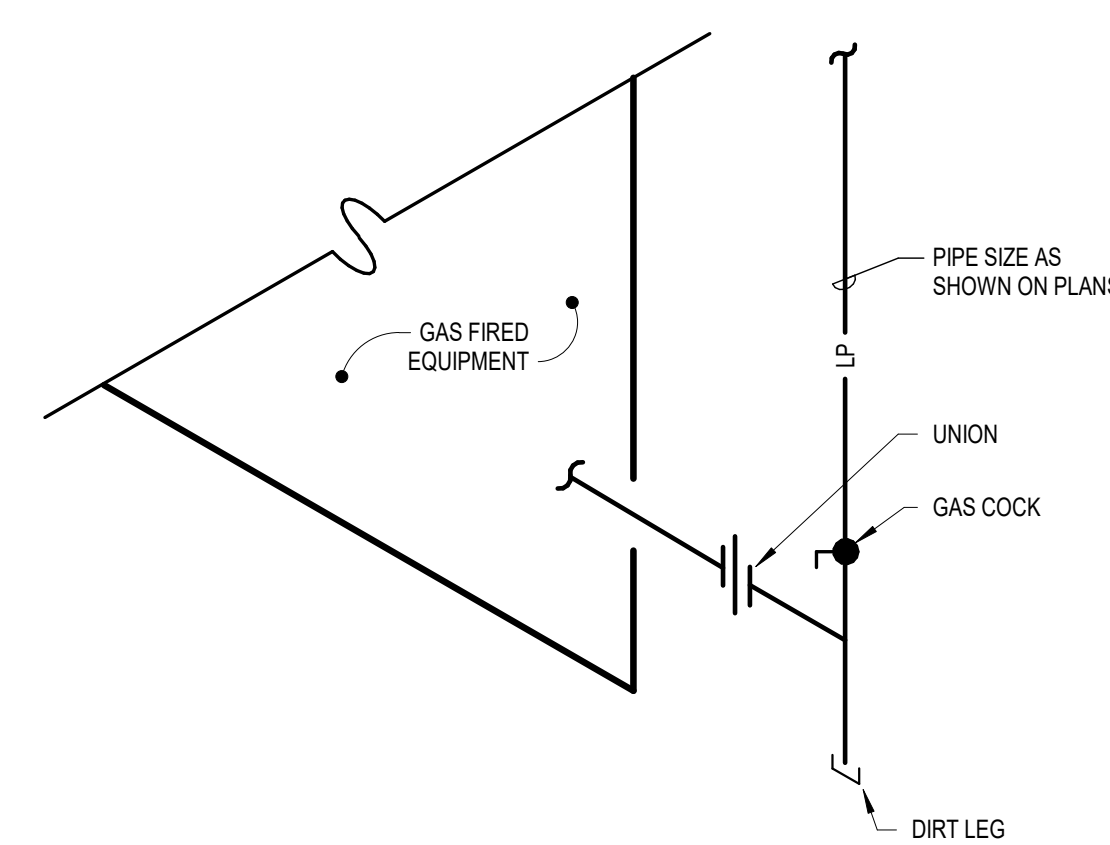
**C2 PIPE HANGER DETAIL**  
SCALE: NOT TO SCALE



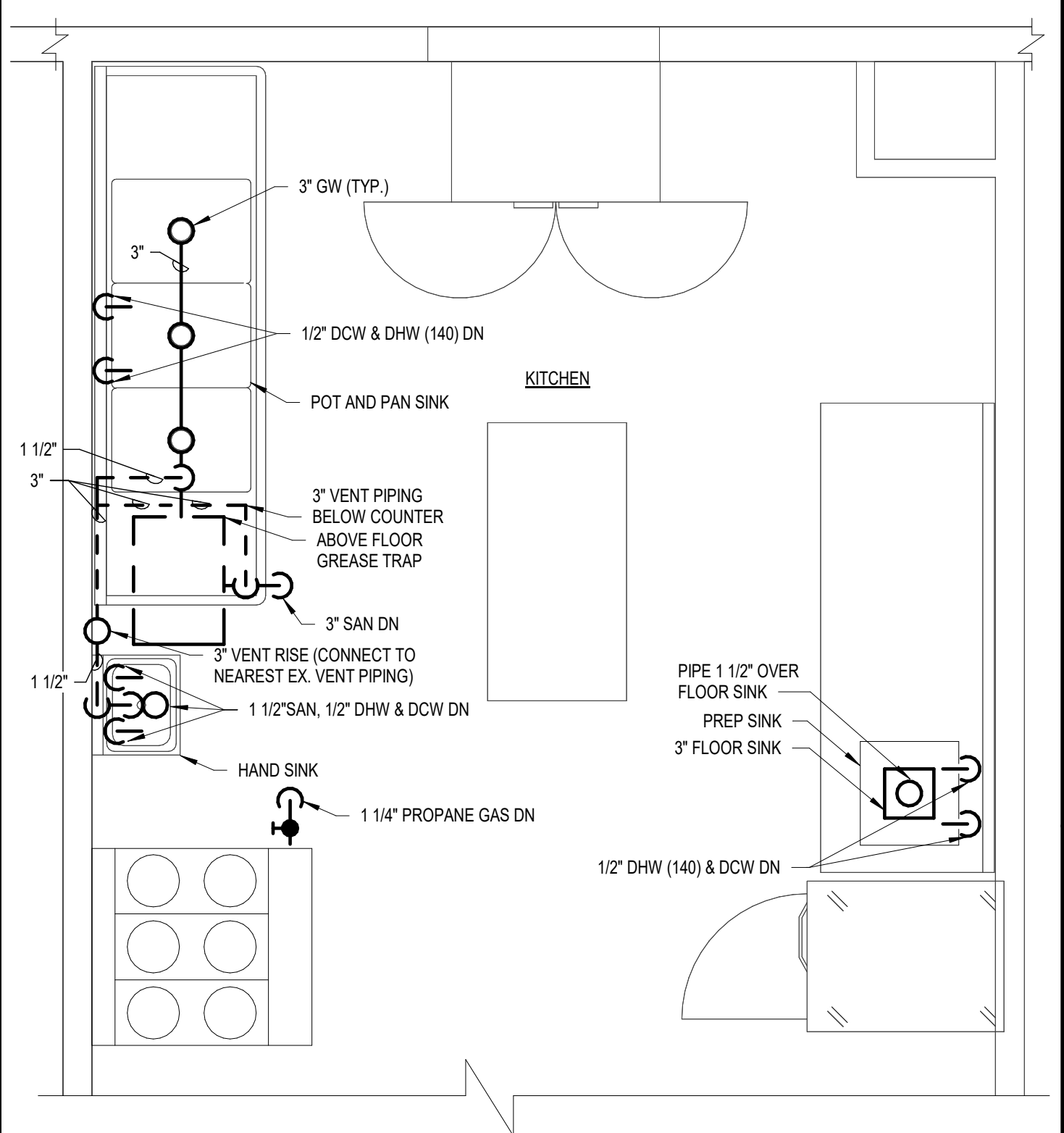
**C3 INDIRECT WASTE CONNECTION DETAIL**  
SCALE: NOT TO SCALE



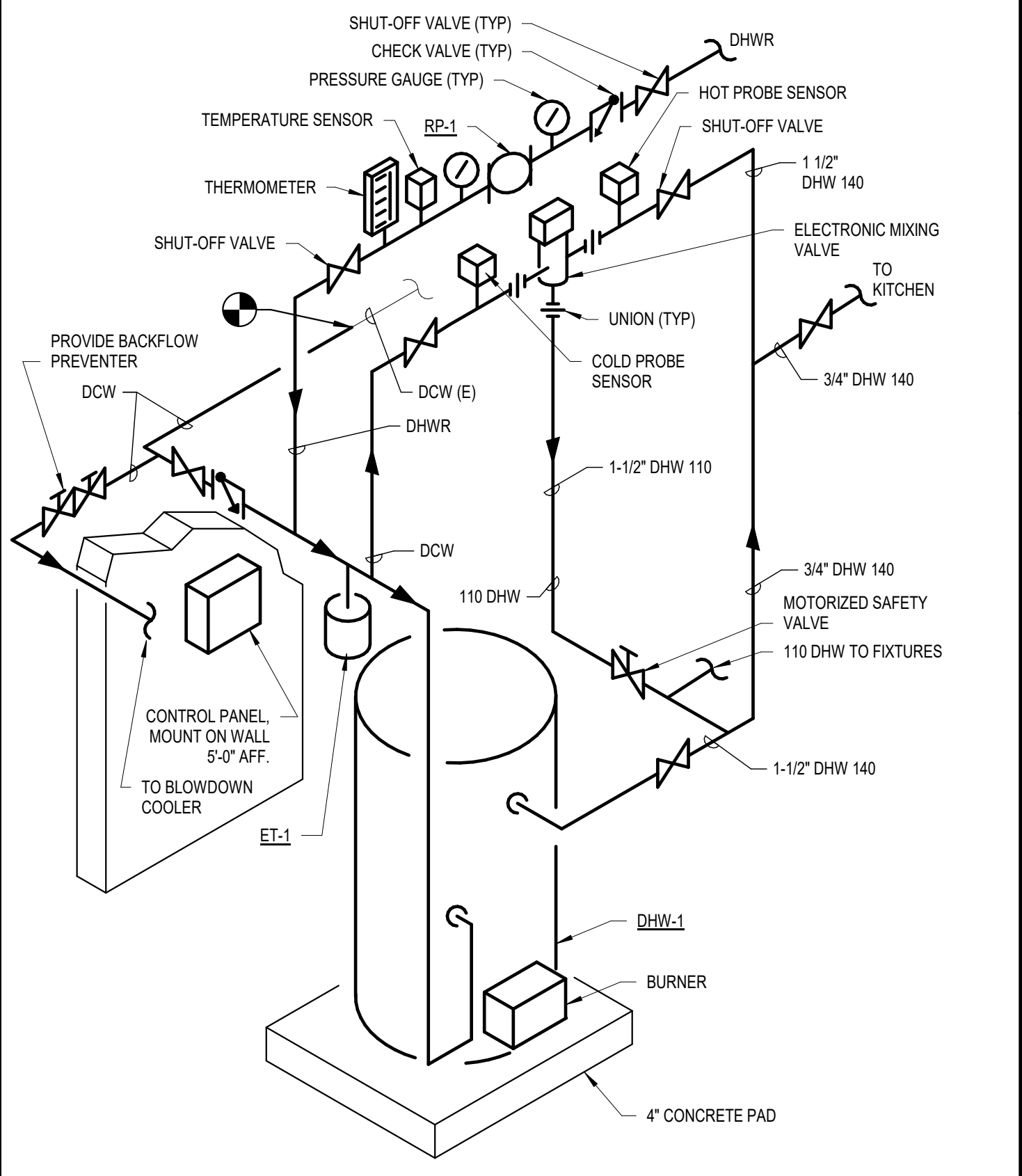
**B3 FLOOR DRAIN DETAIL**  
SCALE: 1/2" = 1'-0"



**A3 PROpane CONNECTION DETAIL**  
SCALE: NOT TO SCALE



**C4 ENLARGED PARTIAL FIRST FLOOR PLUMBING PLAN - KITCHEN**  
SCALE: 1/2" = 1'-0"



**A4 HOT WATER HEATER PIPING SCHEMATIC**  
SCALE: NOT TO SCALE

**B1 PLUMBING LEGEND, SYMBOLS & ABBREVIATIONS**  
SCALE: NOT TO SCALE

**B2 FIXTURE CONNECTION SCHEDULE**  
SCALE: NOT TO SCALE

**B3 FLOOR DRAIN DETAIL**  
SCALE: 1/2" = 1'-0"

EXPANSION TANK SCHEDULE (ET)							
UNIT	LOCATION	SYSTEM	DIMENSIONS (IN)		TOTAL VOLUME (GAL)	ACCEPT VOLUME (GAL)	DESIGN BASIS (MANUFACTURER / MODEL)
			DIAMETER	HEIGHT			
EX-1	BOILER ROOM	DOMESTIC HOT WATER	11.0	17.25	7.60	2.50	B&G / HFT-60

DOMESTIC WATER HEATER SCHEDULE (DWH)						
UNIT	TYPE	STORAGE CAPACITY (GALLONS)	RECOVERY (G/HR) (40°F-140°F)	INPUT (MBH)	DESIGN BASIS (MANUFACTURER / MODEL)	MINIMUM THERMAL EFFICIENCY RATING
DWH-1	OIL FIRED	67.0	199.0	245.0	BOCK / 72E	78%

RECIRCULATING PUMP SCHEDULE (RP)							
UNIT	TYPE	GPM	TOTAL HEAD (FT)	HP	VOLTS	PH	DESIGN BASIS (MANUFACTURER / MODEL)
RP-1	IN-LINE	5.0	20	1/3	120	1	B&G / E-90 1AAB

NOTE: PUMP SHALL BE ARRANGED TO BE TURNED OFF EITHER AUTOMATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER DEMAND.

**A1 SCHEDULES**  
SCALE: NOT TO SCALE



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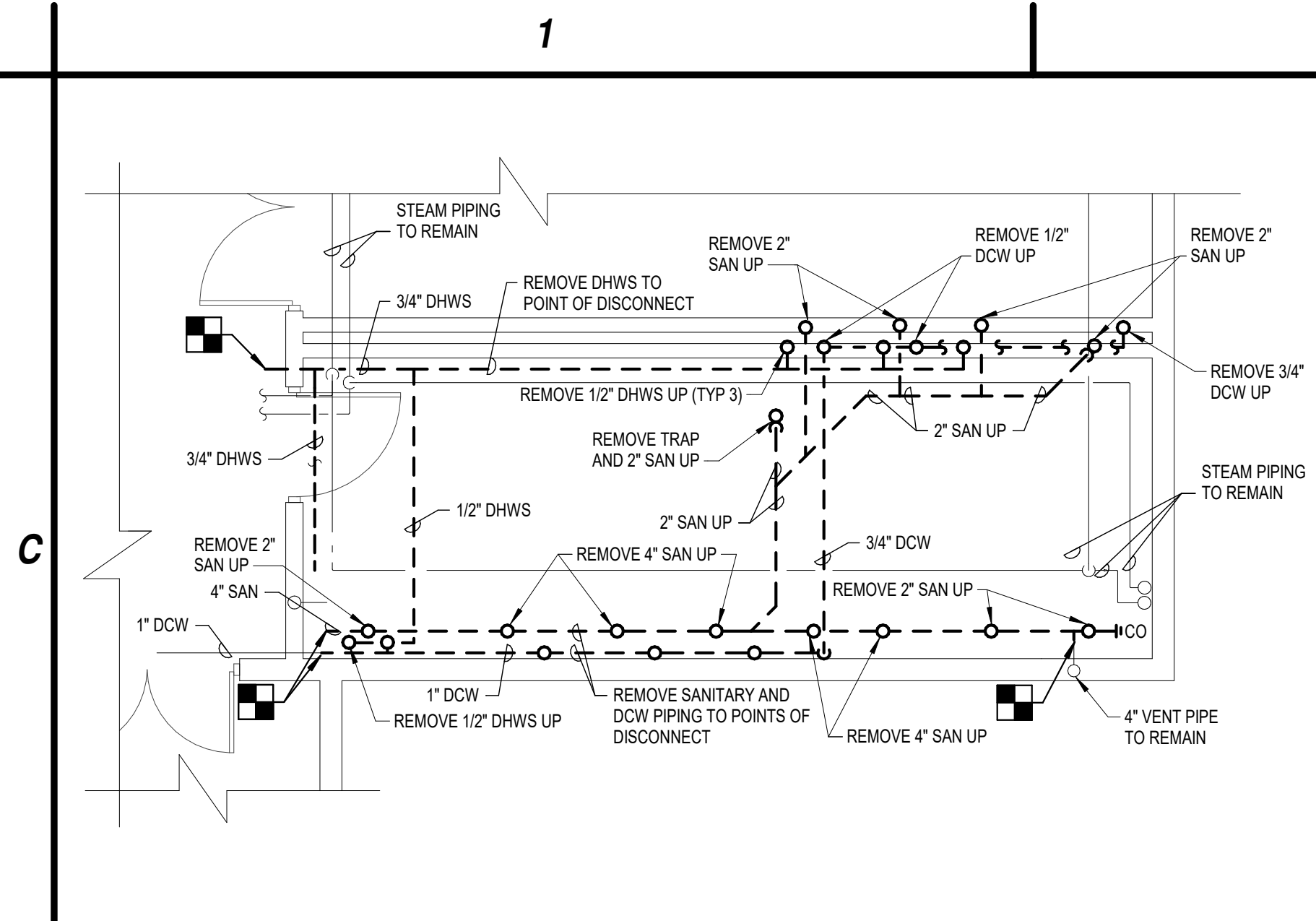


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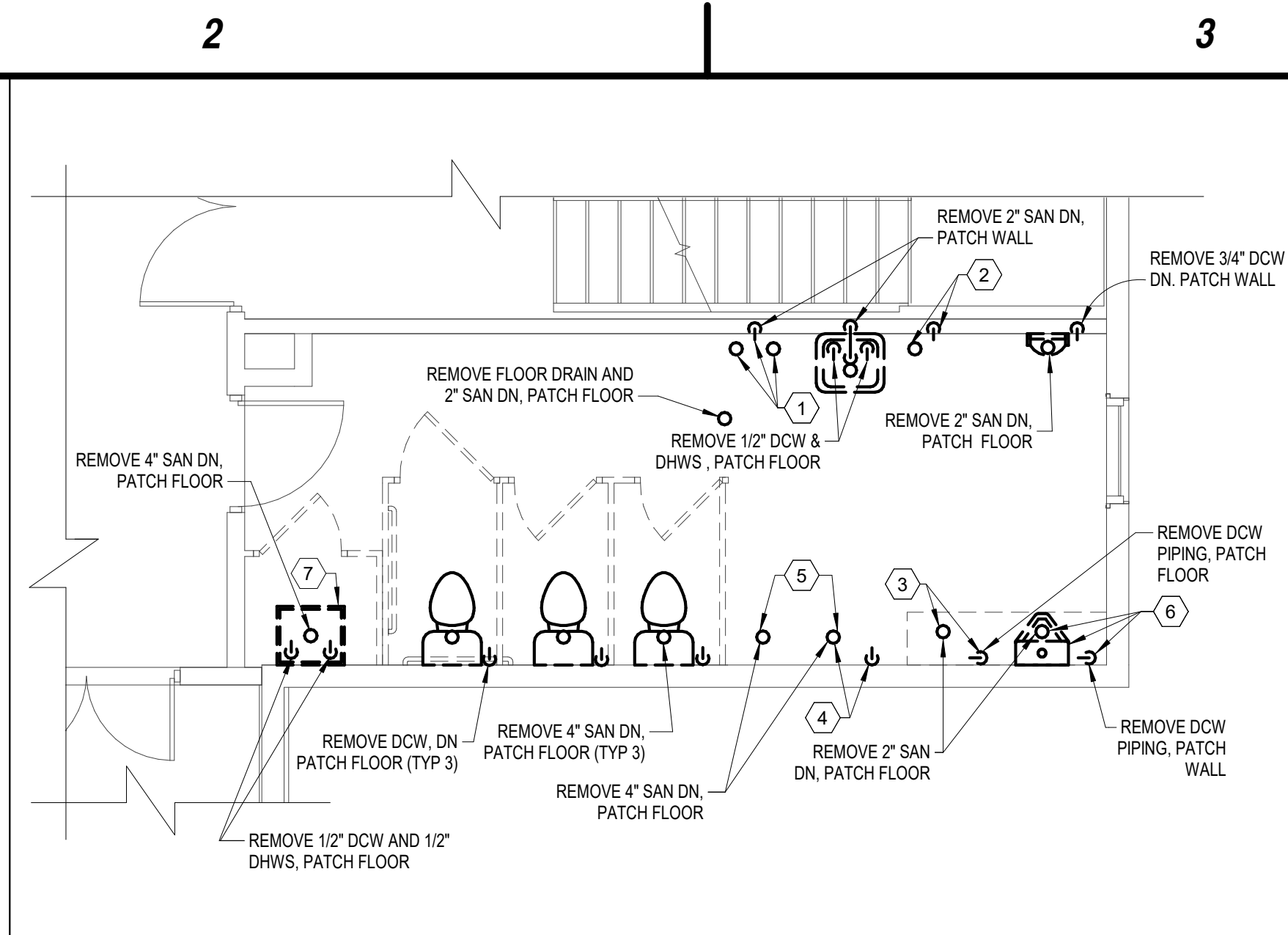
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO:	655.006.001	
DATE:	OCTOBER 29, 2018	
DRAWN BY:	C. TWOMBLY	
DESIGNED BY:	C. TWOMBLY	
CHECKED BY:	J. DELEO	

**LEGEND, DETAILS AND SCHEDULES**

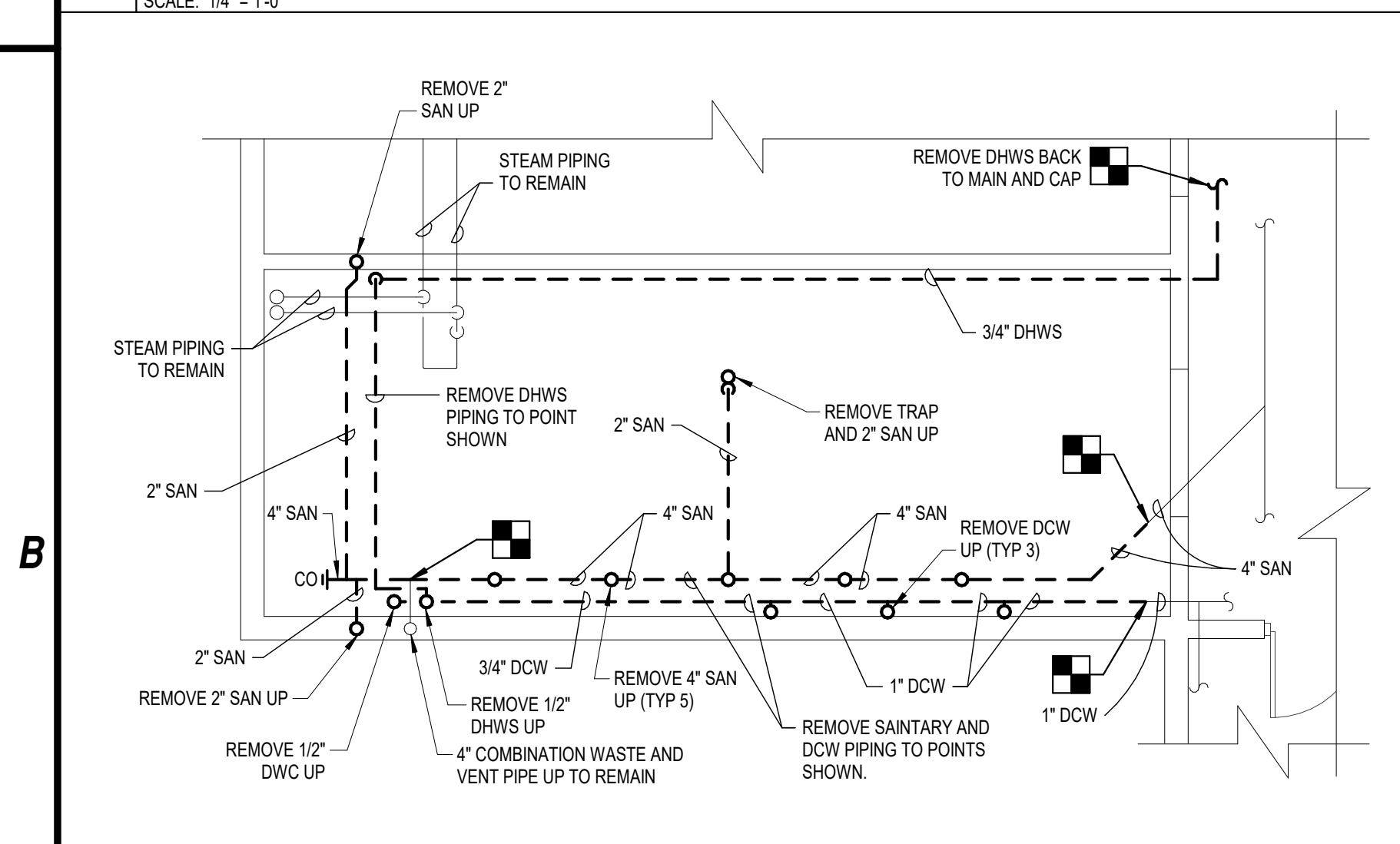
**P-001**



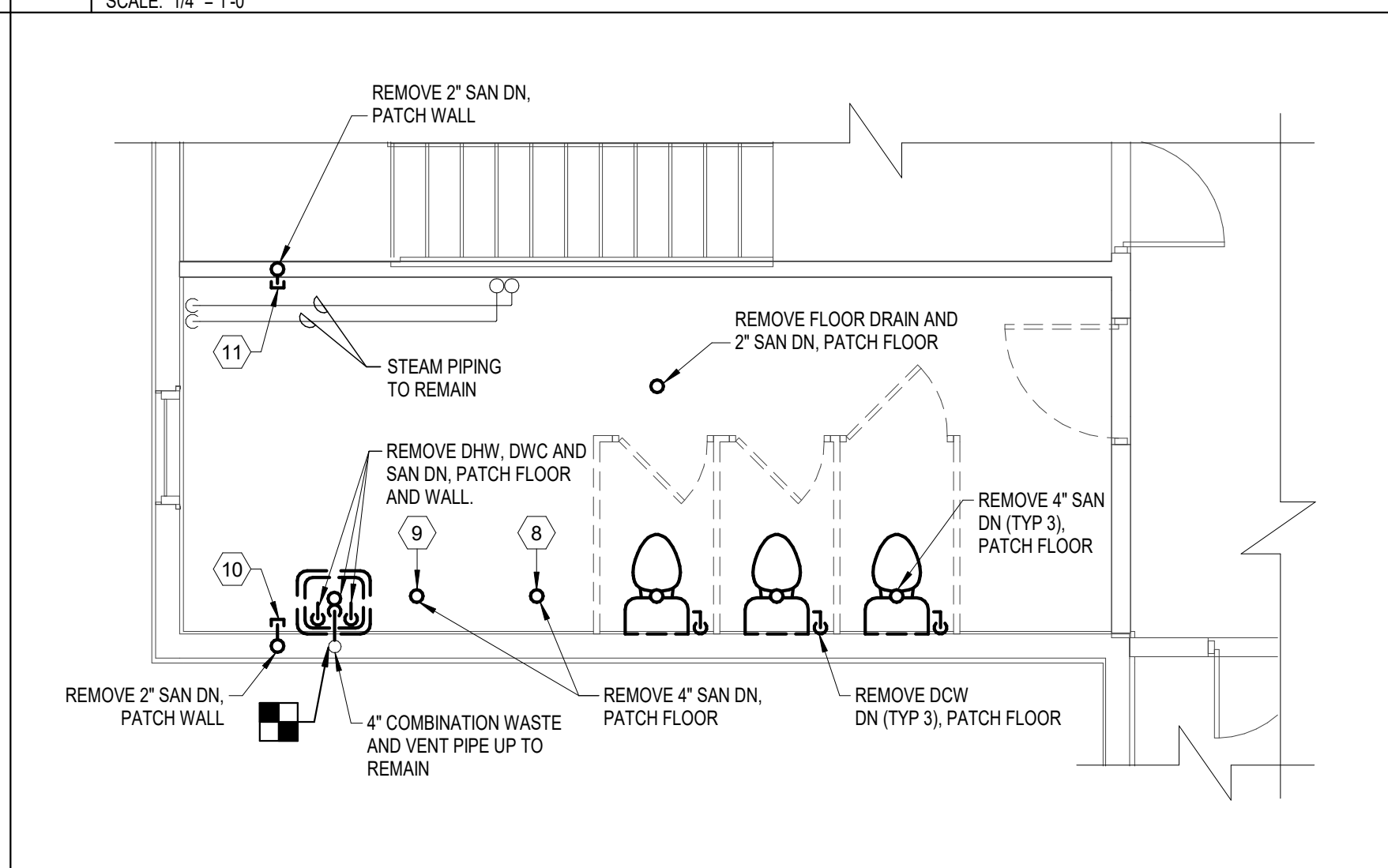
**C1 PARTIAL BASEMENT PLUMBING DEMOLITION PLAN - MENS ROOM**  
SCALE: 1/4" = 1'-0"



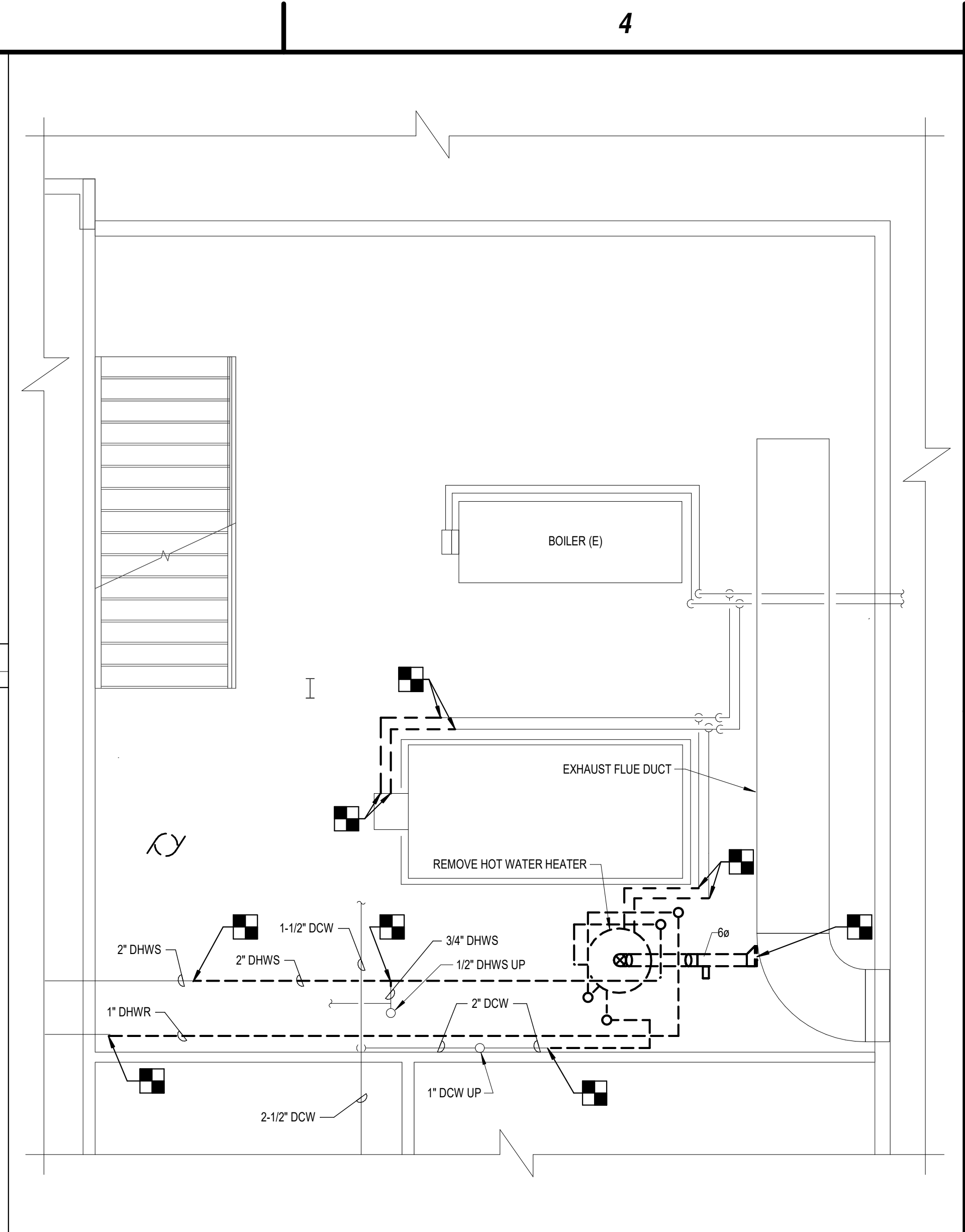
**C2 PARTIAL FIRST FLOOR PLUMBING DEMOLITION PLAN - MENS ROOM**  
SCALE: 1/4" = 1'-0"



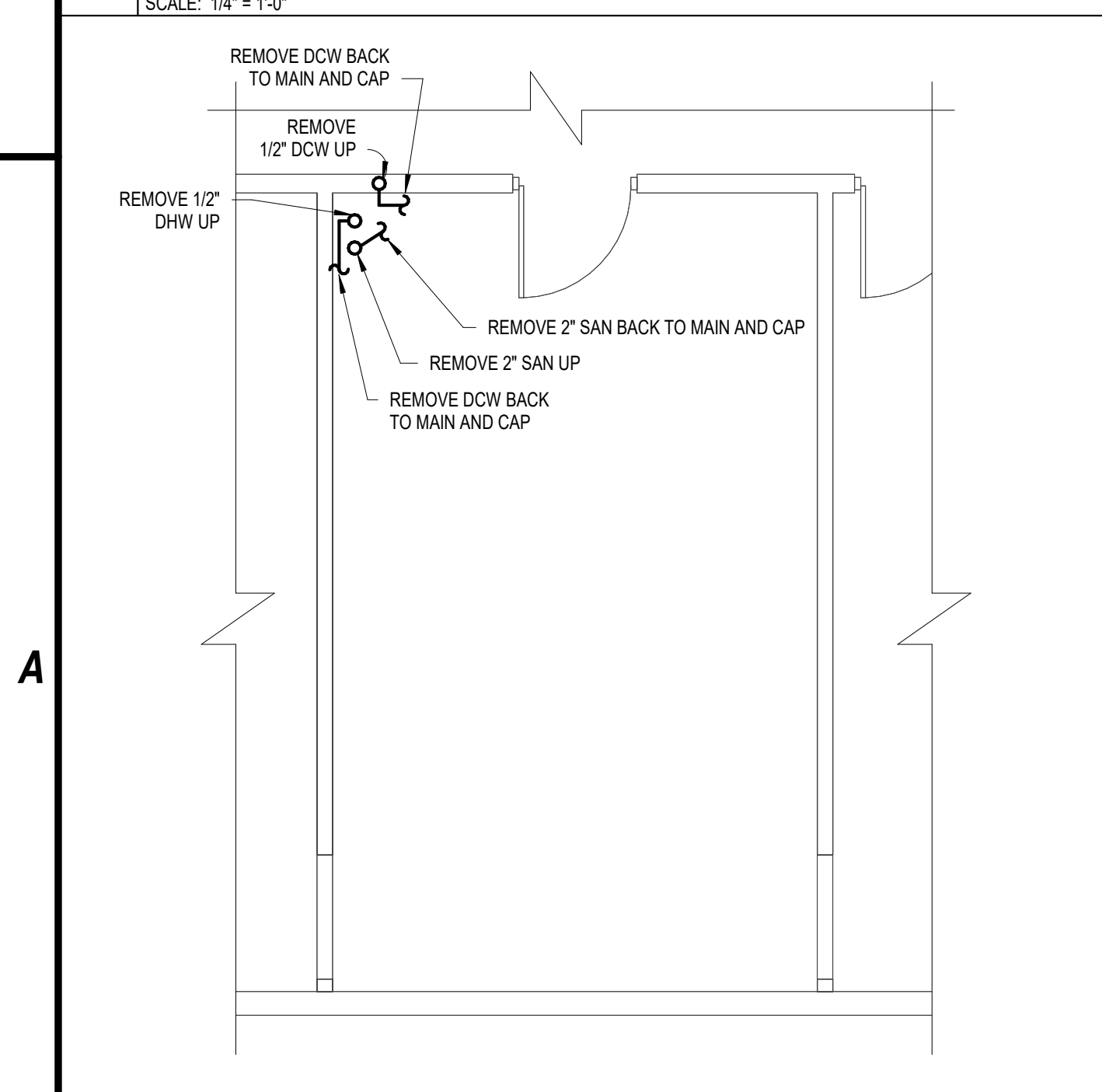
**B1 PARTIAL BASEMENT PLUMBING DEMOLITION PLAN - WOMENS ROOM**  
SCALE: 1/4" = 1'-0"



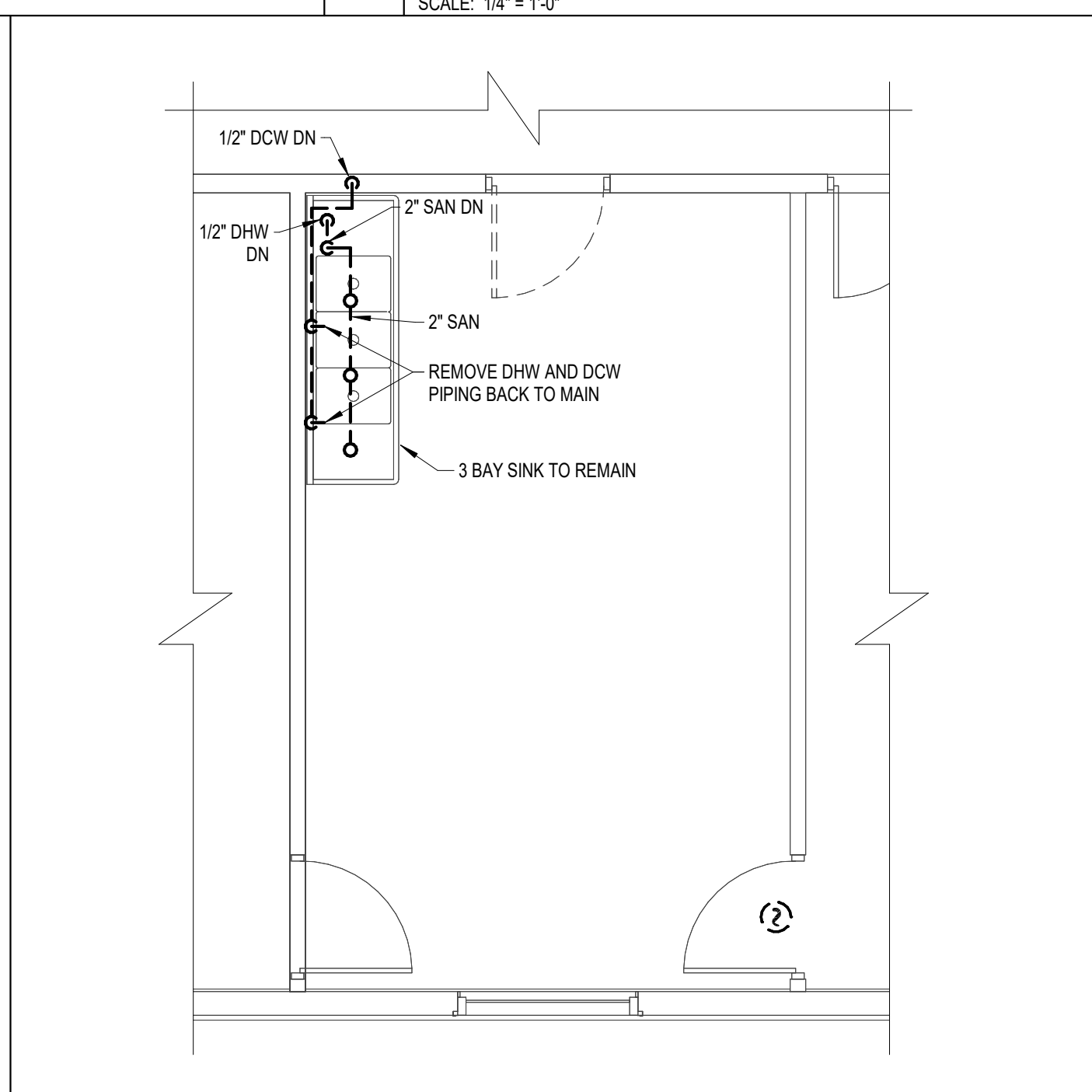
**B2 PARTIAL FIRST FLOOR PLUMBING DEMOLITION PLAN - WOMENS ROOM**  
SCALE: 1/4" = 1'-0"



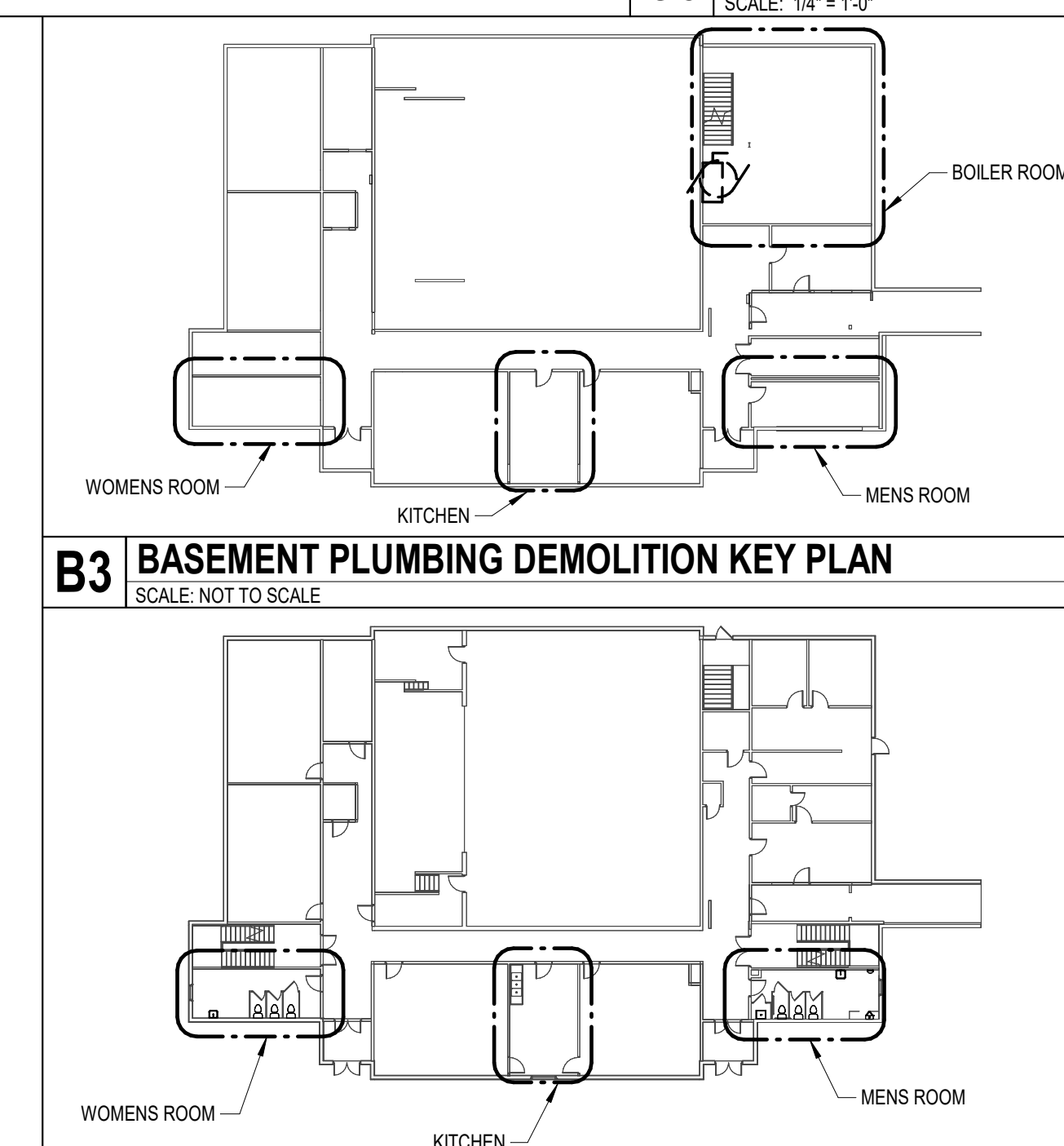
**C3 PARTIAL BASEMENT PLUMBING DEMOLITION PLAN - BOILER ROOM**  
SCALE: 1/4" = 1'-0"



**A1 PARTIAL BASEMENT PLUMBING DEMOLITION PLAN - KITCHEN**  
SCALE: 1/4" = 1'-0"



**A2 PARTIAL FIRST FLOOR PLUMBING DEMOLITION PLAN - KITCHEN**  
SCALE: 1/4" = 1'-0"



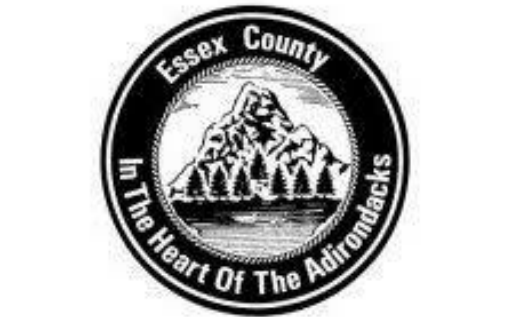
**B3 BASEMENT PLUMBING DEMOLITION KEY PLAN**  
SCALE: NOT TO SCALE

- 1 SEE DRAWING PD-102/C1. REMOVE DCW & DHW, PATCH FLOOR. REMOVE 2" SAN PIPING, PATCH WALL.
  - 2 SEE DRAWING PD-102/C2. REMOVE DHWS, PATCH FLOOR. REMOVE SANITARY PIPING, PATCH WALL.
  - 3 SEE DRAWING PD-102/C3. REMOVE DCW & SANITARY PIPING, PATCH FLOOR.
  - 4 SEE DRAWING PD-102/C4. REMOVE DCW & SANITARY PIPING, PATCH FLOOR.
  - 5 SEE DRAWING PD-102/B1. REMOVE SANITARY PIPING, PATCH FLOOR.
  - 6 SEE DRAWING PD-102/B2. REMOVE URINAL AND ALL ASSOCIATED PIPING. REMOVE WOODEN ENCLOSURE.
  - 7 SEE DRAWING PD-102/B3. REMOVE, CLEAN AND STORE. COORDINATE W/ OWNER FOR ON SITE STORAGE LOCATION.
  - 8 SEE DRAWING PD-102/B4. REMOVE SANITARY PIPING, PATCH FLOOR.
  - 9 SEE DRAWING PD-102/A1. REMOVE SANITARY PIPING, PATCH FLOOR.
  - 10 SEE DRAWING PD-102/A2. REMOVE SANITARY PIPING, PATCH WALL.
  - 11 SEE DRAWING PD-102/A3. REMOVE SANITARY PIPING, PATCH WALL.
  - 12 SEE DRAWING PD-102/A4. REMOVE SANITARY, DHW AND DCW. PATCH WALL AND FLOOR AS REQUIRED.
- GENERAL NOTE:**  
COORDINATE ALL CEILING REMOVALS TO INSTALL NEW DOMESTIC HOT WATER PIPING SYSTEMS.

**A4 KEYED NOTES**  
SCALE: NOT TO SCALE



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CHECKED BY:		J. DELEO
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**BASEMENT AND FIRST FLOOR PLUMBING DEMOLITION PLAN**

**PD-101**

1

2

3

4

C

REMOVE PIPING. PATCH AS REQUIRED



REMOVE PIPING. PATCH AS REQUIRED



REMOVE PIPING. PATCH AS REQUIRED



REMOVE PIPING. PATCH AS REQUIRED  
REMOVE CONCRETE FILLED WATERCLOSET FLANGE. REMOVE 4" PIPE DOWN. PATCH AS REQUIRED



C1 MENS BATHROOM - PHOTO 1  
SCALE: NOT TO SCALE

C2 MENS BATHROOM - PHOTO 2  
SCALE: NOT TO SCALE

C3 MENS BATHROOM - PHOTO 3  
SCALE: NOT TO SCALE

C4 MENS BATHROOM - PHOTO 4  
SCALE: NOT TO SCALE

B

REMOVE CONCRETE FILLED WATERCLOSET FLANGE. REMOVE 4" PIPE DOWN. PATCH AS REQUIRED



REMOVE URINAL AND ASSOCIATED PIPING

REMOVE WOODEN ENCLOSURE



REMOVE. COORDINATE WITH OWNER FOR RELOCATION. PATCH FLOOR.



REMOVE CONCRETE FILLED WATERCLOSET FLANGE. REMOVE 4" PIPE DOWN. PATCH AS REQUIRED



B1 MENS BATHROOM - PHOTO 5  
SCALE: NOT TO SCALE

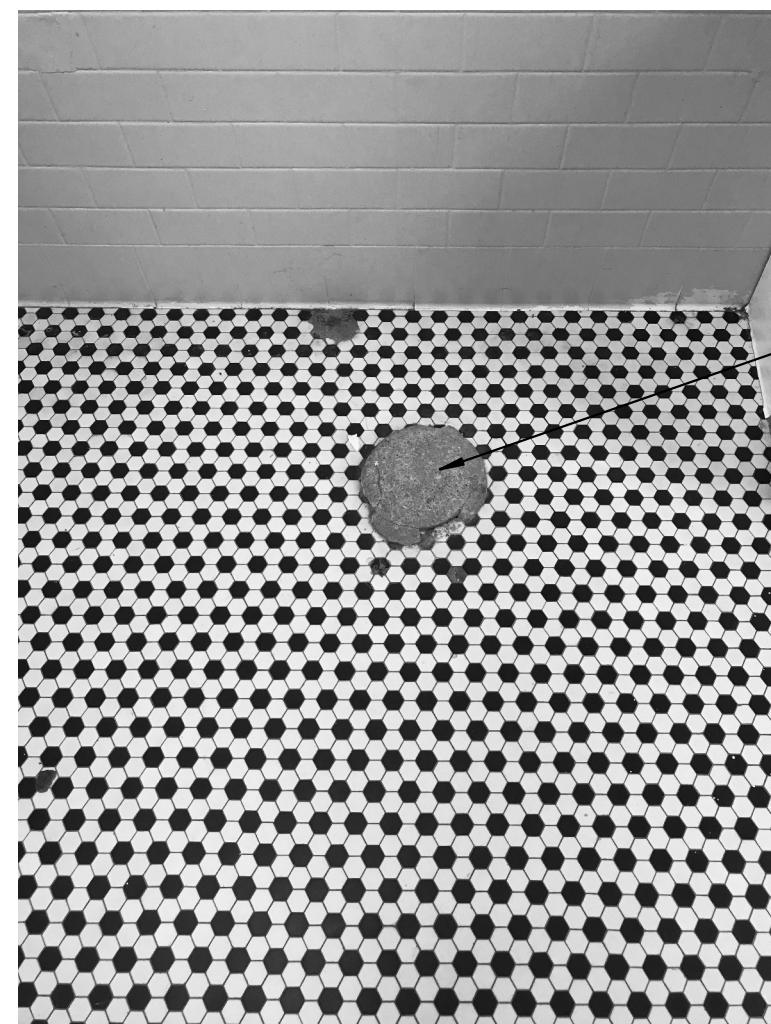
B2 MENS BATHROOM - PHOTO 6  
SCALE: NOT TO SCALE

B3 MENS BATHROOM - PHOTO 7  
SCALE: NOT TO SCALE

B4 WOMENS BATHROOM - PHOTO 8  
SCALE: NOT TO SCALE

A

REMOVE CONCRETE FILLED WATERCLOSET FLANGE. REMOVE 4" PIPE DOWN. PATCH AS REQUIRED



REMOVE PIPING. PATCH AS REQUIRED.



REMOVE PIPING. PATCH AS REQUIRED.



LOCATE 1/2" DHW PIPE BELOW 1ST FLOOR SLAB. CUT 12" FROM BOTTOM OF SLAB. RECONNECT INTO 1/2" DHW 140F.



A1 WOMENS BATHROOM - PHOTO 9  
SCALE: NOT TO SCALE

A2 WOMENS BATHROOM - PHOTO 10  
SCALE: NOT TO SCALE

A3 WOMENS BATHROOM - PHOTO 11  
SCALE: NOT TO SCALE

A4 WOMENS BATHROOM - PHOTO 12  
SCALE: NOT TO SCALE

1

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DEMOLITION PHOTOS

PD-102

