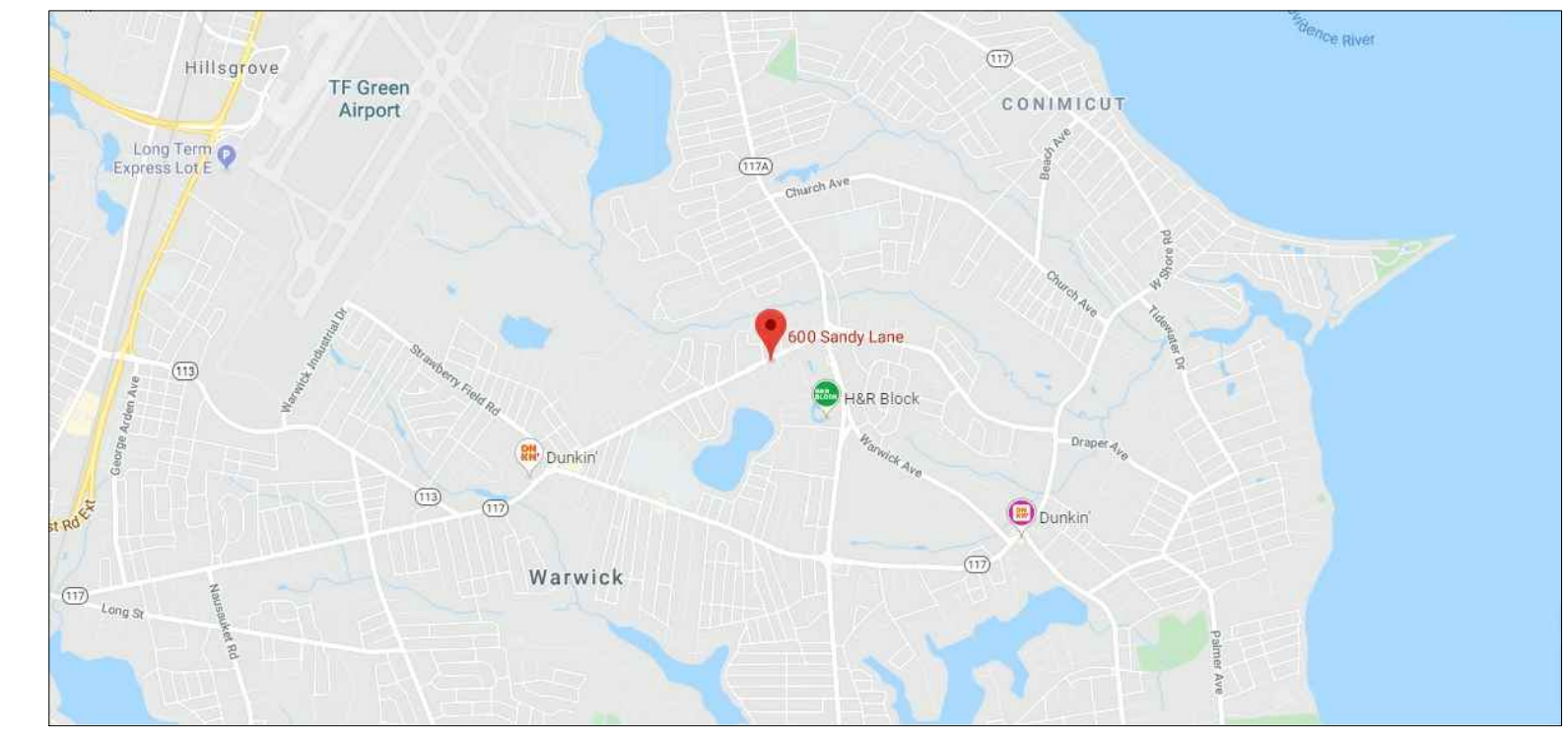


Renovations to:

# WARWICK PUBLIC LIBRARY First Floor Restrooms

600 Sandy Lane  
Warwick, RI



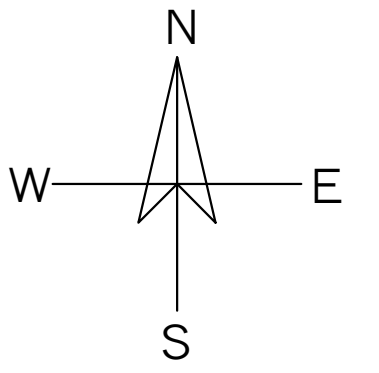
LOCUS MAP

NTS

ARCHITECT  
Ed Wojcik, Architect, Ltd.  
One Richmond Square, Suite 100K  
Providence, RI 02906  
P: 401-861-7139  
F: 401-861-7165

MECHANICAL ENGINEER  
Wilkinson Associates  
615 Jefferson Boulevard  
Warwick, RI 02886  
P: 401-737-6382  
F: 401-738-2167

**Ed Wojcik**  
architect, ltd  
One Richmond Square  
Providence, RI 02906  
401-861-7139



DATE: FEBRUARY 24, 2020

RELEASED FOR: CONSTRUCTION DOCUMENTS

## DRAWINGS

### ARCHITECTURAL

- G-1: First Floor Key Plan
- A-1: Part. First Floor Demolition and Proposed Plans
- A-2: Part. First Floor Demolition and Proposed Reflected Ceiling Plans
- A-3: Interior Elevations & Schedules

### FIRE PROTECTION

- F1.0: Fire Protection - Partial First Floor Plan
- F5.0: Fire Protection - Typical Details
- F8.0: Fire Protection - Schedules

### PLUMBING

- P1.0: Plumbing - Partial First Floor Plan
- P5.0: Plumbing - Typical Details & Schedules

### MECHANICAL

- M1.0: Mechanical - Partial First Floor Plan
- M5.0: Mechanical - Typical Details

Renovations to:  
**Warwick Public Library**  
**First Floor Restrooms**  
600 Sandy Lane  
Warwick, RI

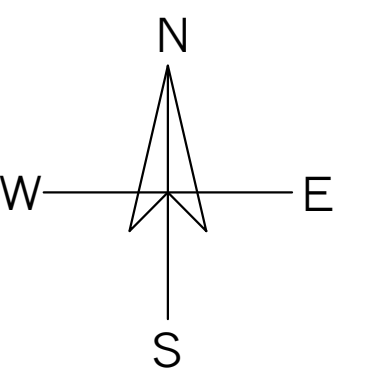
SHEET CONTENTS:  
Drawing List  
Locus Map

PROJECT # 0120

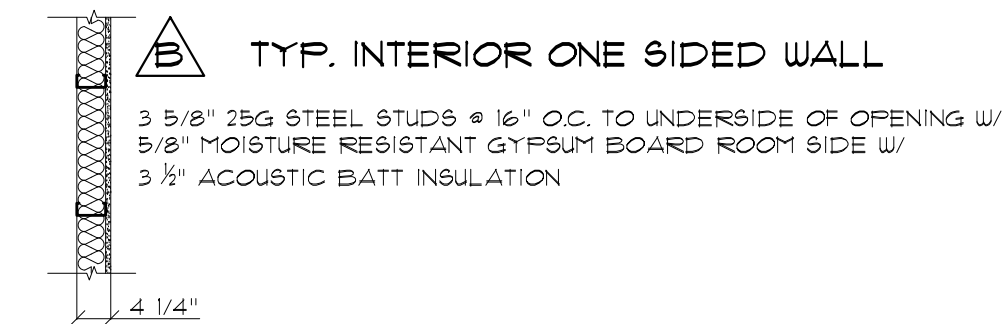
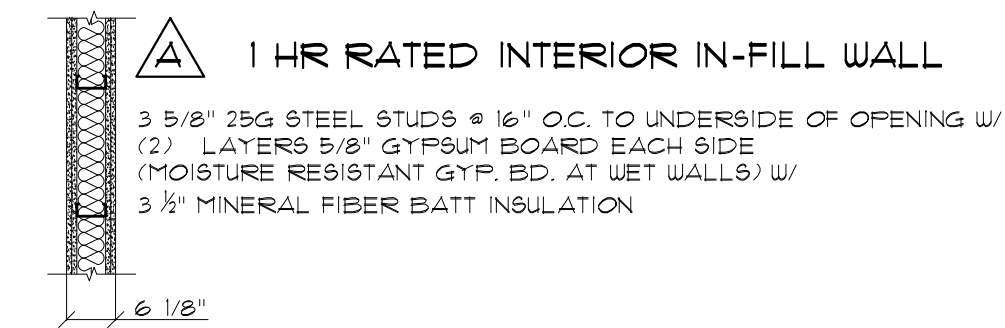
DATE: 2/24/2020  
REVISED DATE:

**CVR**

CONSTRUCTION DOCUMENTS - FEBRUARY 24, 2020



**PARTITION TYPES:**

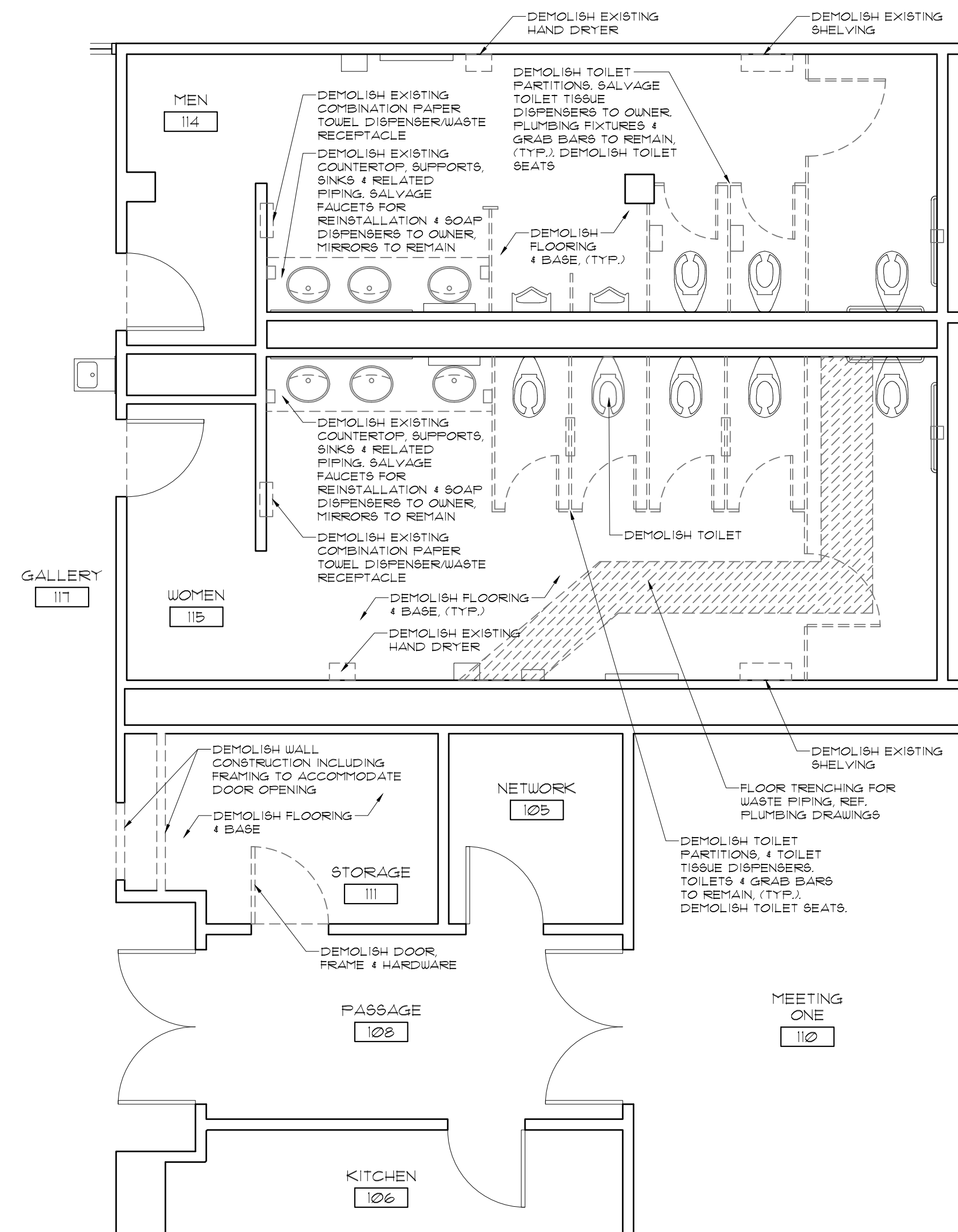


**GENERAL NOTES:**

1. ALL DIMENSIONS TO THE FACE OF FRAMING/STUDS UNLESS OTHERWISE NOTED.
2. REFERENCE SCHEDULE SHEET FOR FINISH SCHEDULES.
3. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND REPORT ANY DISCREPANCIES TO ARCHITECT.
4. PROVIDE BLOCKING IN WALLS FOR ALL FIXTURES AND ACCESSORIES.
5. FLASH PATCH FLOOR AS NEEDED TO INSTALL FLOOR FINISHES.
6. DOORS SHALL BE MOUNTED 5" AWAY FROM ADJACENT WALL, UNLESS NOTED OTHERWISE OR SHOWN IN DIFFERENT LOCATION.

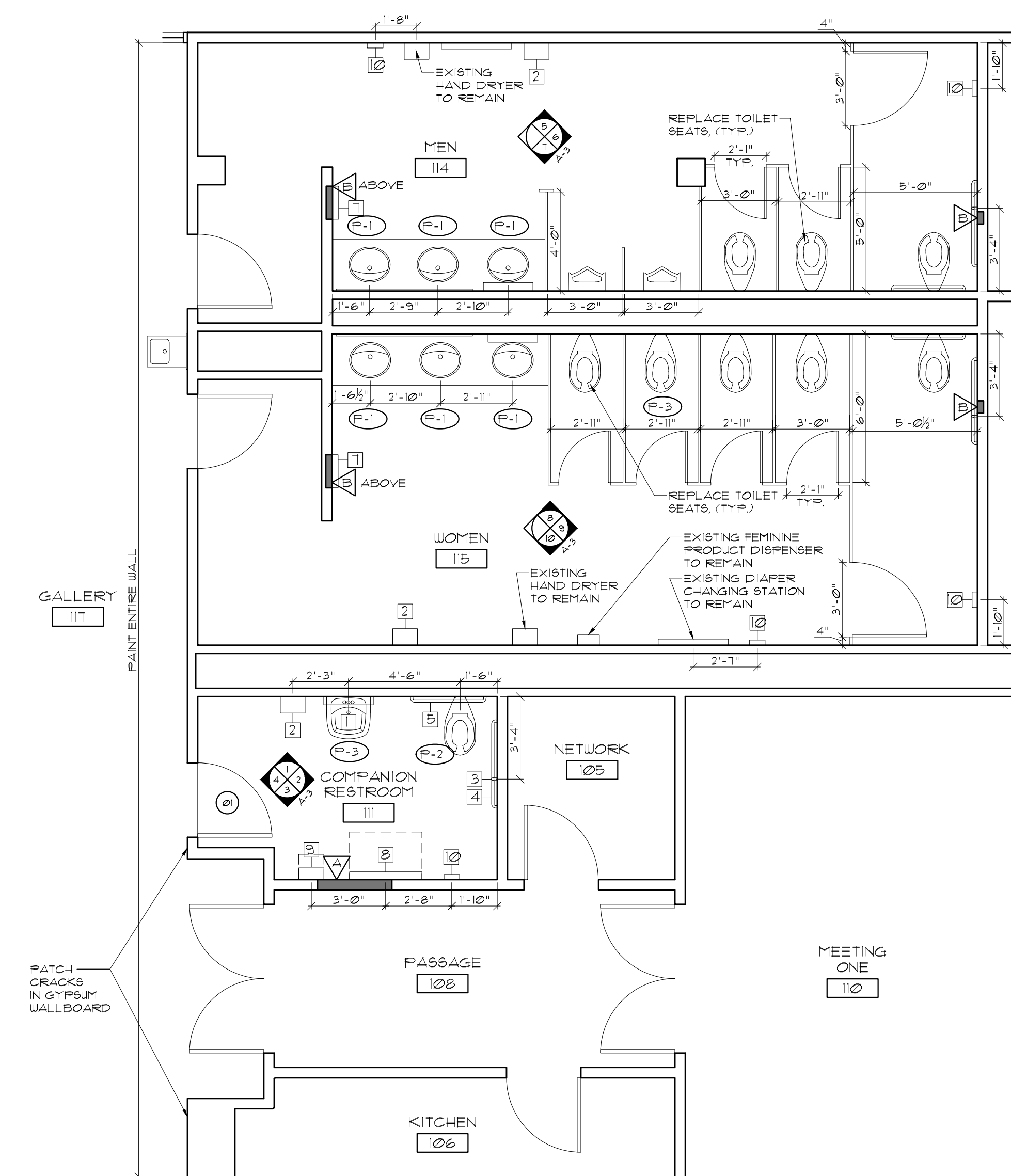
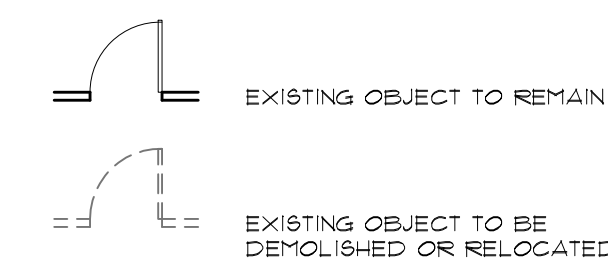
**GENERAL DEMOLITION NOTES:**

- A. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. SECURE REQUIRED DEMOLITION PERMITS, ARRANGE WITH OWNER AND/OR APPROPRIATE UTILITIES FOR SERVICE SHUTOFFS BEFORE BEGINNING DEMOLITION OPERATIONS. IDENTIFY ALL EXISTING ITEMS OR WORK, HARDWARE AND DEVICES SCHEDULED TO REMAIN, OR TO BE SALVAGED FOR REUSE.
- B. BUILDING MAY BE OCCUPIED DURING DEMOLITION OPERATIONS. COORDINATE ALL DEMOLITION OPERATIONS WITH OWNER FOR SHUTDOWN PERIODS AND SEQUENCE OF WORK. PROVIDE TEMPORARY DUST PARTITIONS, BARRICADES AND PROTECTIVE ENCLOSURES REQUIRED TO PROPERLY SECURE AND ISOLATE AREAS OF WORK AND TO ASSURE CONTINUING FACILITY OPERATION.
- C. REMOVE ALL DEMOLISHED MATERIALS NOT SCHEDULED FOR SALVAGE AND REUSE OR THOSE TO BECOME PROPERTY OF THE OWNER AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONFIRM ALL ITEMS TO BE SALVAGED FOR REUSE AND ALL ITEMS TO BE SALVAGED AND RETURNED TO THE OWNER. DEMOLITION CONTRACTOR SHALL PROTECT ALL ITEMS SCHEDULED FOR SALVAGE AND SHALL REPLACE ANY SUCH ITEMS WHICH HAVE BECOME DAMAGED AS A RESULT OF DEMOLITION OPERATIONS.
- D. REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED, WILL BE AT THE SOLE DISCRETION OF THE OWNER. IN NO CASE SHALL SALVAGED MATERIALS BE INCORPORATED IN THE WORK THAT DO NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS.
- E. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL, AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGE AND REUSE, OR SCHEDULED TO REMAIN.
- F. DEMOLITION SHALL BE COORDINATED WITH DRAWINGS FOR NEW CONSTRUCTION AND THE BOUNDARIES INDICATED ON THIS DEMOLITION PLAN.
- G. PATCH/REPAIR/REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK AND MATCH/ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN. PREP SURFACES TO RECEIVE ALL LABOR AND MATERIALS REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURERS' WRITTEN RECOMMENDATIONS.
- H. WHEN WALLS OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS IN PLACE AND ABLE TO SUPPORT IMPOSED LOADS.
- I. DEMOLITION CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK TO BE FULLY AWARE OF ALL EXISTING CONDITIONS.
- J. PRIOR TO ANY SITE DEMOLITION OR EXCAVATION, CONTRACTOR MUST NOTIFY "DIGSAFE" AT 1-888-344-1233.



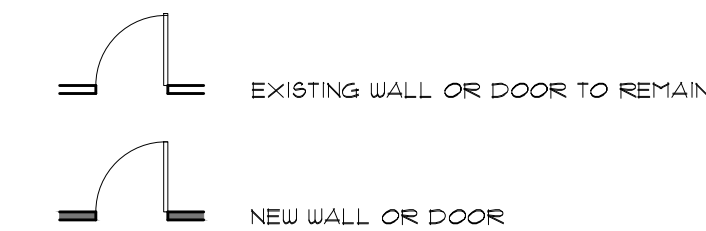
**PART. FIRST FLOOR DEMOLITION PLAN (1) 1/4" = 1'-0"**

**DEMOLITION LEGEND:**



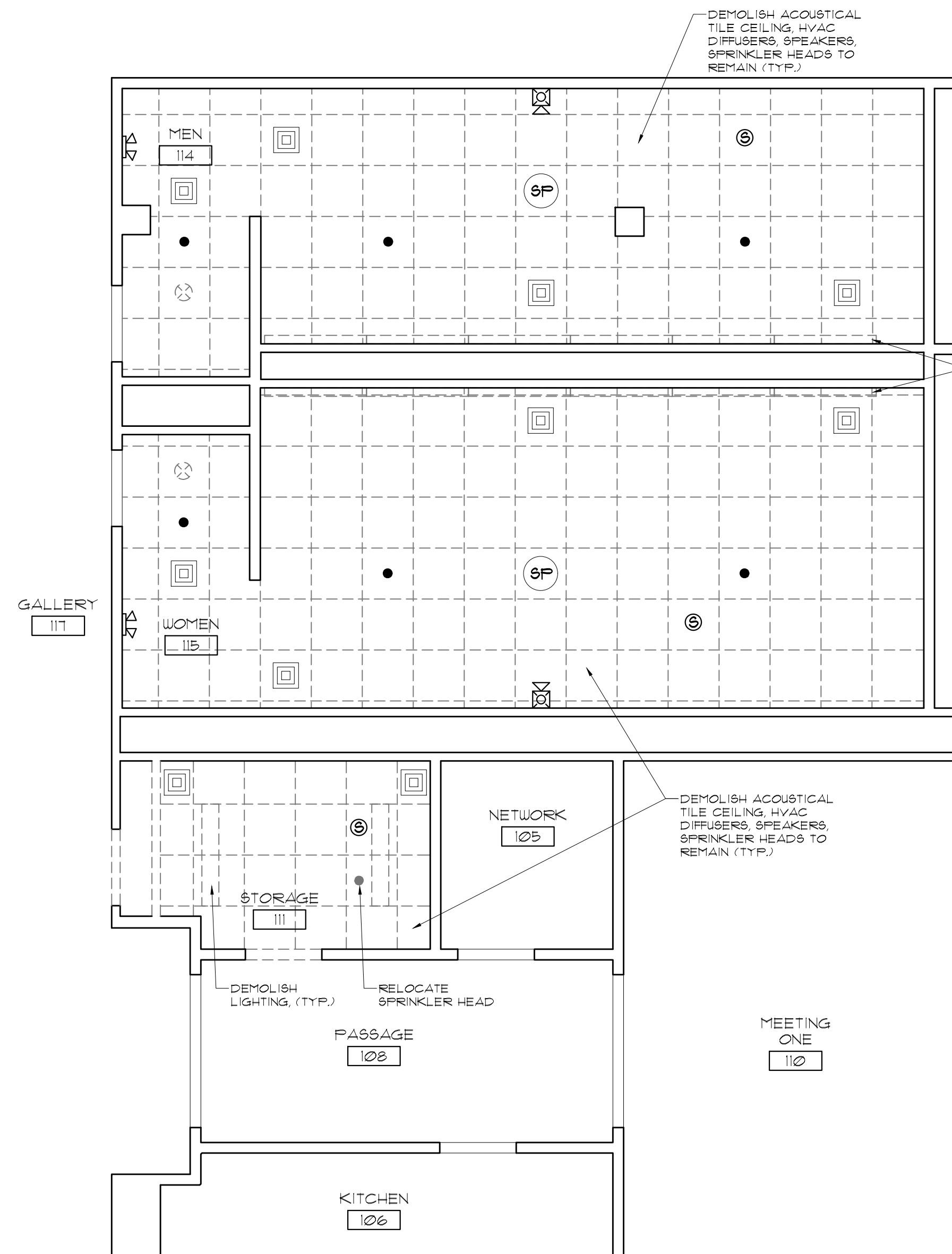
**PART. FIRST FLOOR PROPOSED PLAN (2) 1/4" = 1'-0"**

**LEGEND:**



**GENERAL DEMOLITION NOTES:**

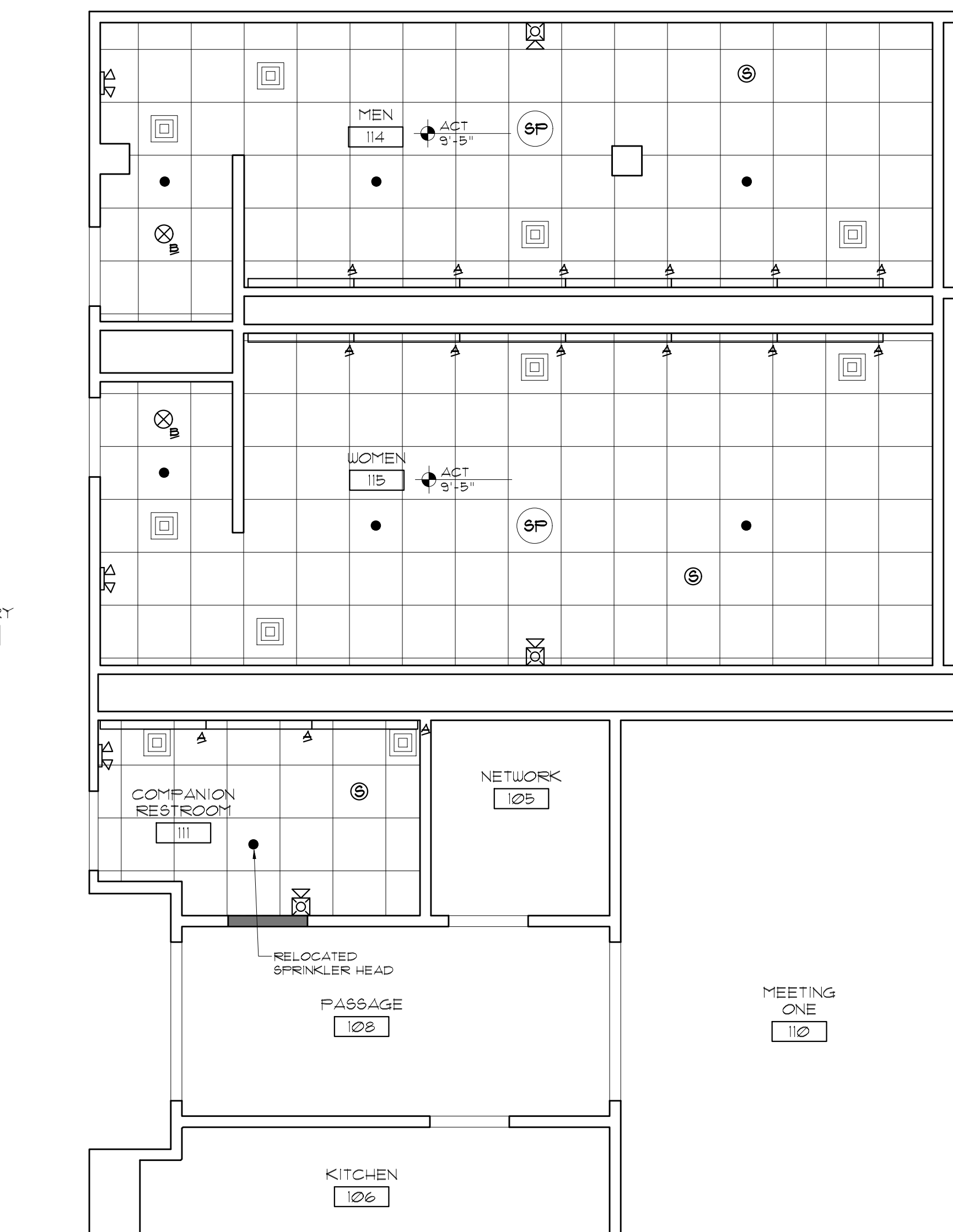
- ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. SECURE REQUIRED DEMOLITION PERMITS, ARRANGE WITH OWNER AND/OR APPROPRIATE UTILITIES FOR SERVICE SHUTOFFS BEFORE BEGINNING DEMOLITION OPERATIONS. IDENTIFY ALL EXISTING ITEMS OR WORK, HARDWARE AND DEVICES SCHEDULED TO REMAIN, OR TO BE SALVAGED FOR REUSE.
- BUILDING MAY BE OCCUPIED DURING DEMOLITION OPERATIONS. COORDINATE ALL DEMOLITION OPERATIONS WITH OWNER FOR SHUTDOWN PERIODS AND SEQUENCE OF WORK. PROVIDE TEMPORARY DUST PARTITIONS, BARRICADES AND PROTECTIVE ENCLOSURES REQUIRED TO PROPERLY SECURE AND ISOLATE AREAS OF WORK AND TO ASSURE CONTINUING FACILITY OPERATION.
- REMOVE ALL DEMOLISHED MATERIALS NOT SCHEDULED FOR SALVAGE AND REUSE OR THOSE TO BECOME PROPERTY OF THE OWNER AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONFIRM ALL ITEMS TO BE SALVAGED FOR REUSE AND ALL ITEMS TO BE SALVAGED AND RETURNED TO THE OWNER. DEMOLITION CONTRACTOR SHALL PROTECT ALL ITEMS SCHEDULED FOR SALVAGE AND SHALL REPLACE ANY SUCH ITEMS WHICH HAVE BECOME DAMAGED AS A RESULT OF DEMOLITION OPERATIONS.
- REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED, WILL BE AT THE SOLE DISCRETION OF THE OWNER. IN NO CASE SHALL SALVAGED MATERIALS BE INCORPORATED IN THE WORK THAT DO NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS.
- IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL, AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGE AND REUSE, OR SCHEDULED TO REMAIN.
- DEMOLITION SHALL BE COORDINATED WITH DRAWINGS FOR NEW CONSTRUCTION AND THE BOUNDARIES INDICATED ON THIS DEMOLITION PLAN.
- PATCH/REPAIR/REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK AND MATCH/ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN. PREP SURFACES TO RECEIVE ALL LABOR AND MATERIALS REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURERS' WRITTEN RECOMMENDATIONS.
- WHEN WALLS OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS IN PLACE AND ABLE TO SUPPORT IMPOSED LOADS.
- DEMOLITION CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK TO BE FULLY AWARE OF ALL EXISTING CONDITIONS.
- PRIOR TO ANY SITE DEMOLITION OR EXCAVATION, CONTRACTOR MUST NOTIFY "DIGSAFE" AT 1-888-344-1233.



**PART. FIRST FLOOR DEMOLITION RCP** (1) 1/4" = 1'-0"

**DEMOLITION LEGEND:**

- ===== EXISTING OBJECT TO REMAIN
- EXISTING OBJECT TO BE DEMOLISHED OR RELOCATED



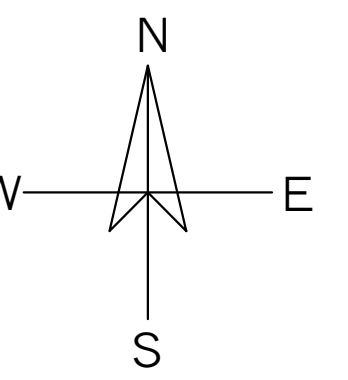
**PART. FIRST FLOOR PROPOSED RCP** (2) 1/4" = 1'-0"

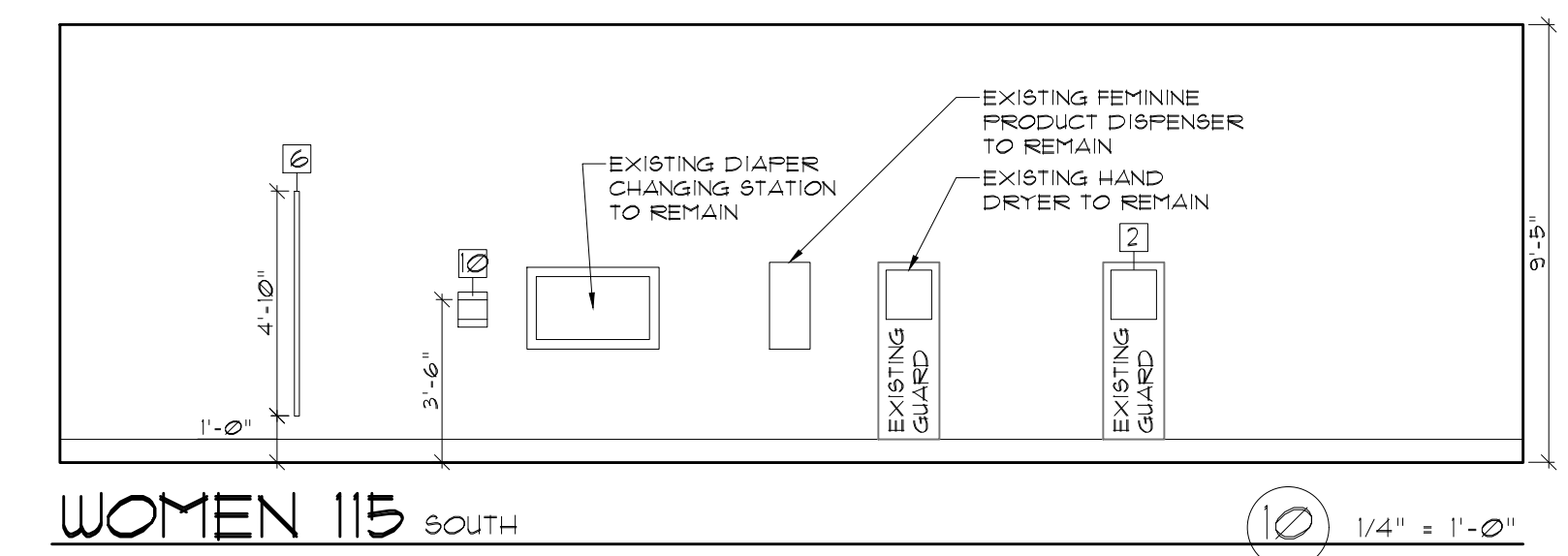
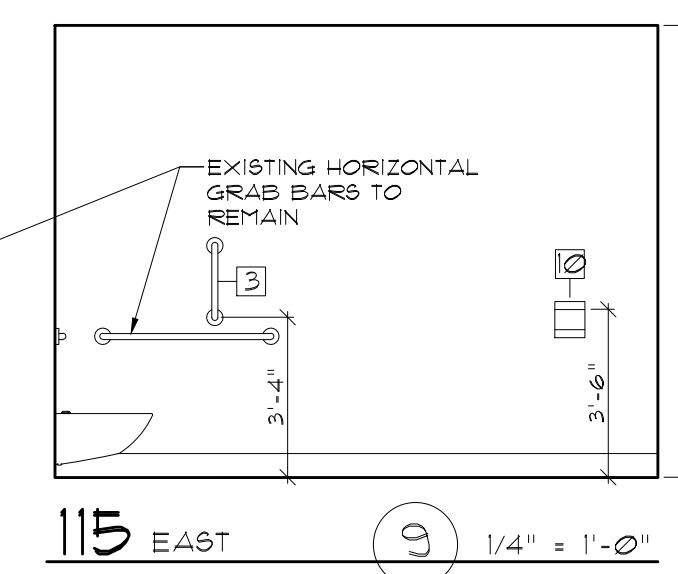
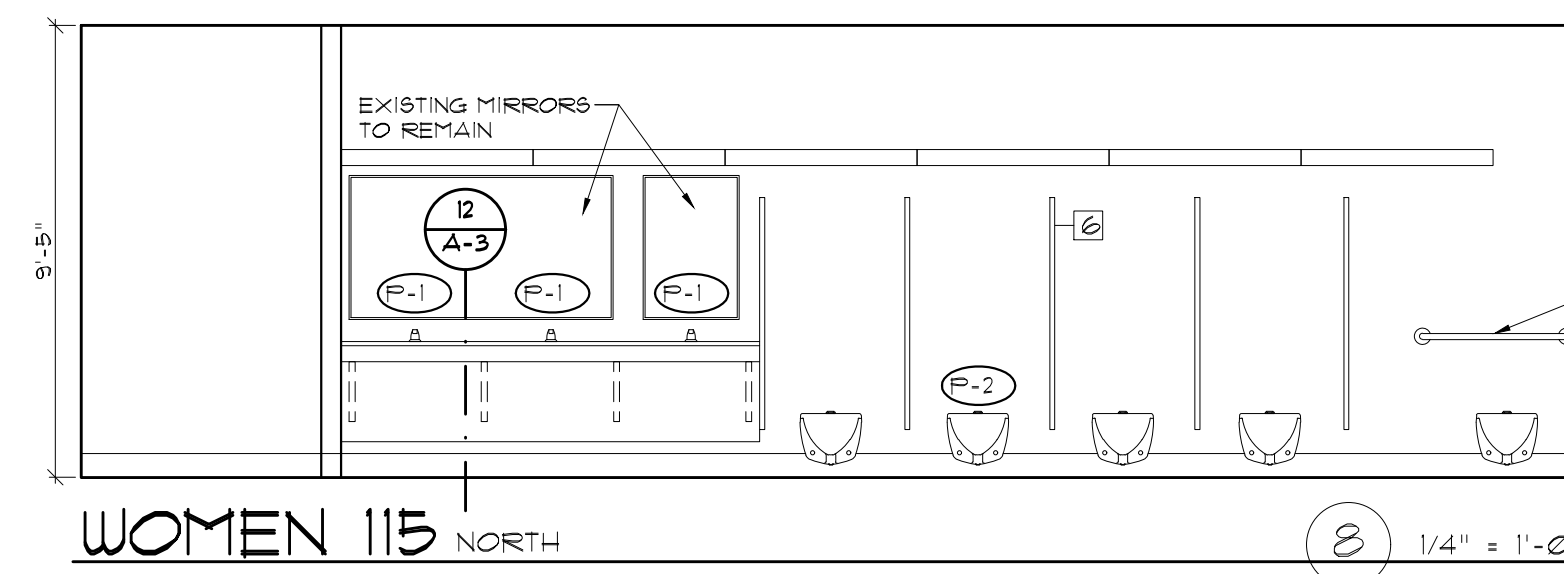
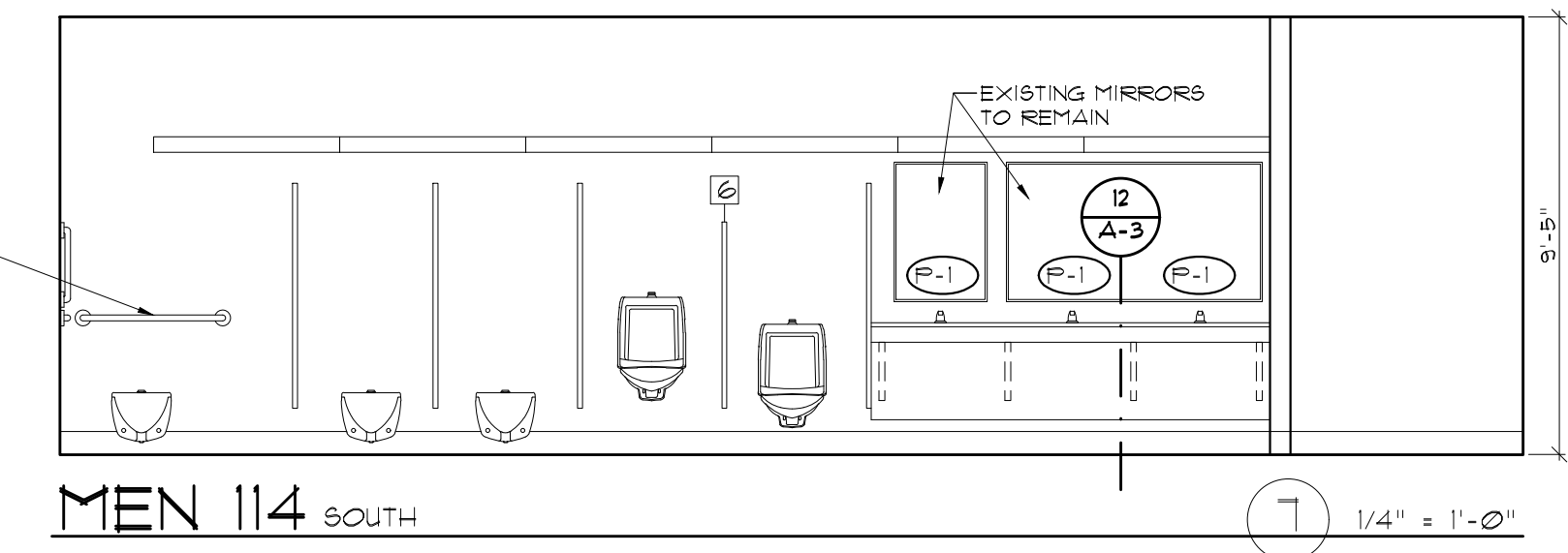
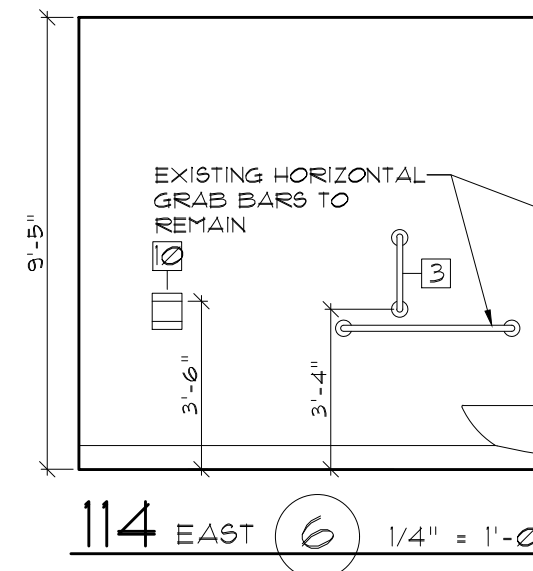
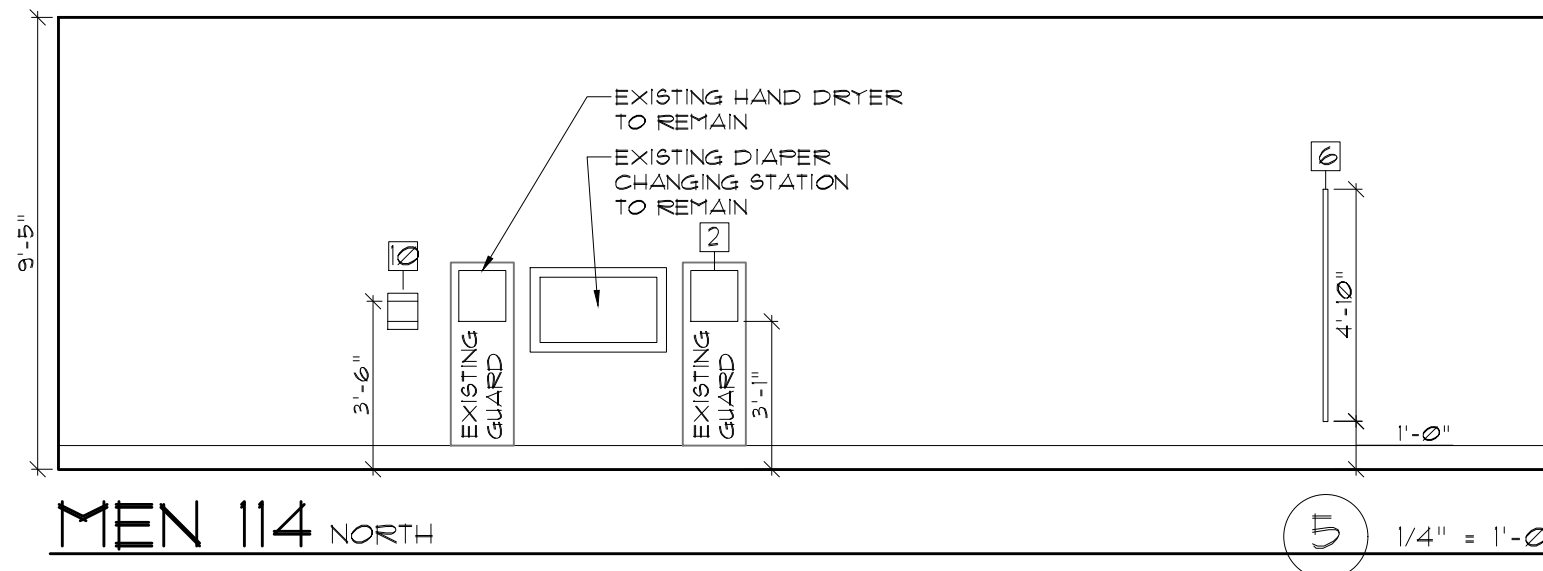
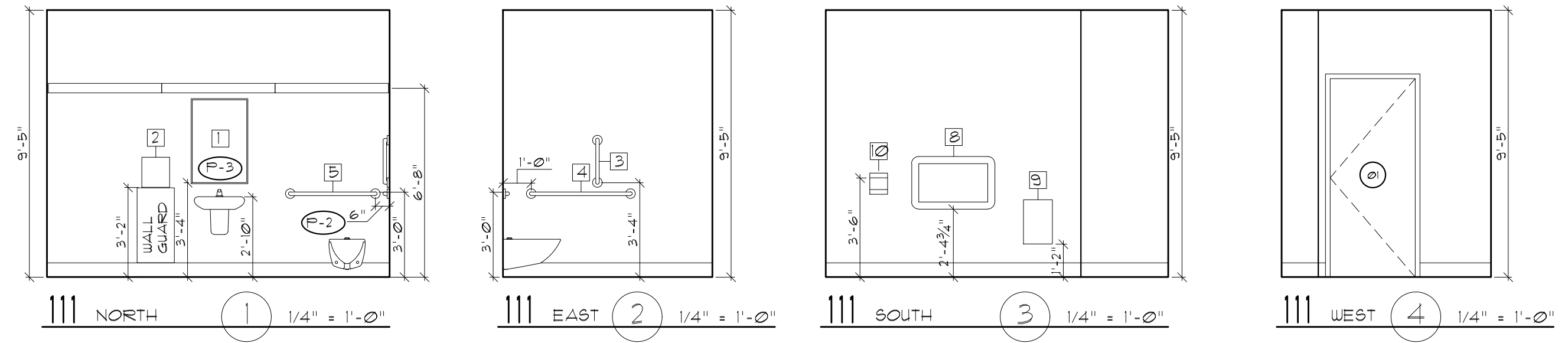
**LEGEND:**

- ⊗ RECESSED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- ☒ FIRE ALARM DEVICE
- ⚡ EMERGENCY LIGHT FIXTURE

**LIGHTING/FAN SCHEDULE**

KEY	TYPE	MANUFACTURER	MODEL #	LAMP
A	WALL MOUNTED LIGHT FIXTURE	EUREKA	3544-48	INTEGRATED LED
B	RECESSED LIGHT FIXTURE	LIGHTOLIER	Z6RDL	INTEGRATED LED

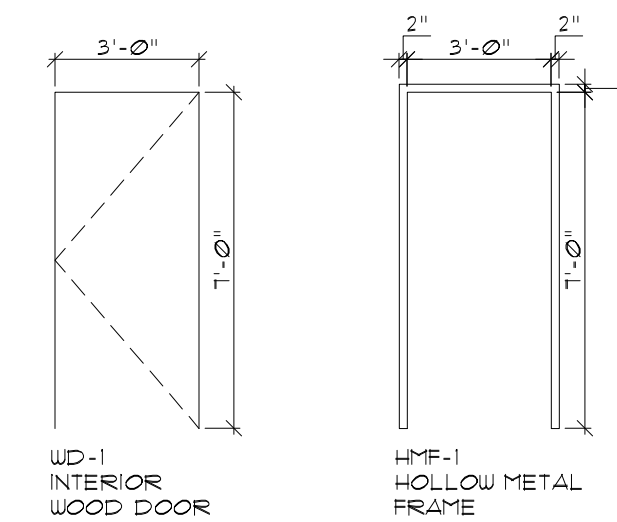




**DOOR SCHEDULE**

KEY	LOCATION	TYPE	SIZE WxH	DOOR RATING	FRAME TYPE	HARDWARE RATING	REMARKS
01	COMPANION RESTROOM III	WD-1	3'-0" X 1'-0"	90 MIN.	HMF-1	90 MIN.	PRIVACY LEVER LOCKSET, P-2 @ FRAME CLOSER, KICKPLATE

- NOTES:  
 1. CONTRACTOR TO VERIFY ALL MEASUREMENTS IN FIELD, NOTIFY ARCHITECT OF ANY CONFLICTS.  
 2. HOLLOW METAL FRAME TO BE PAINTED P-2, SEMI-GLOSS FINISH.  
 3. PROVIDE DOOR STOPS & SILENCERS AT ALL DOORS.  
 4. CAULK FRAMES



**DOOR & FRAME ELEVATIONS (11)** 1/4" = 1'-0"

**ACCESSORY SCHEDULE**

KEY	TYPE	MANUF.	MODEL #	SIZE	COLOR	REMARKS
1	MIRROR	BOBRICK	B-293 2436	24" X 36"		MOUNT @ 40" MAX. AFF TO BOTTOM OF MIRROR
2	HAND DRYER	XLERATOR	XL-W-IN-H W/ 89W WALL GUARD		WHITE	MOUNT @ 48" MAX. AFF TO BOTTOM, PER MANUFACTURER'S RECOMMENDATIONS
3	GRAB BAR	BOBRICK	B-5806.99 X 18"	18" VERTICAL	N/A	MOUNT @ 40" AFF
4	GRAB BAR	BOBRICK	B-5806.99 X 42"	42"	N/A	MOUNT @ 33"-36" MAX. AFF TO TOP OF BAR
5	GRAB BAR	BOBRICK	B-5806.99 X 36"	36"	N/A	MOUNT @ 33"-36" MAX. AFF TO TOP OF BAR
6	TOILET PARTITIONS	ACCURATE PARTITIONS	SOLID PLASTIC (HDPE)		9200 GRAY	PEBBLE GRAINED, FLOOR ANCHORED, OVERHEAD BRACED
7	RECESSED WASTE RECEPTACLE	BOBRICK	B-43644			MOUNT AT 48" MAX. TO TOP, PER MANUFACTURER'S RECOMMENDATIONS
8	DIAPER CHANGING STATION	KOALA KARE	KB200-01			MOUNT PER MANUFACTURER'S RECOMMENDATIONS
9	CHILD PROTECTION SEAT	KOALA KARE	KB102-01			MOUNT PER MANUFACTURER'S RECOMMENDATIONS
10	DEVICE HOLDER	BOBRICK	B-635			MOUNT AT 48" MAX. AFF TO TOP, SEE ELEVATIONS

**FINISH SCHEDULE**

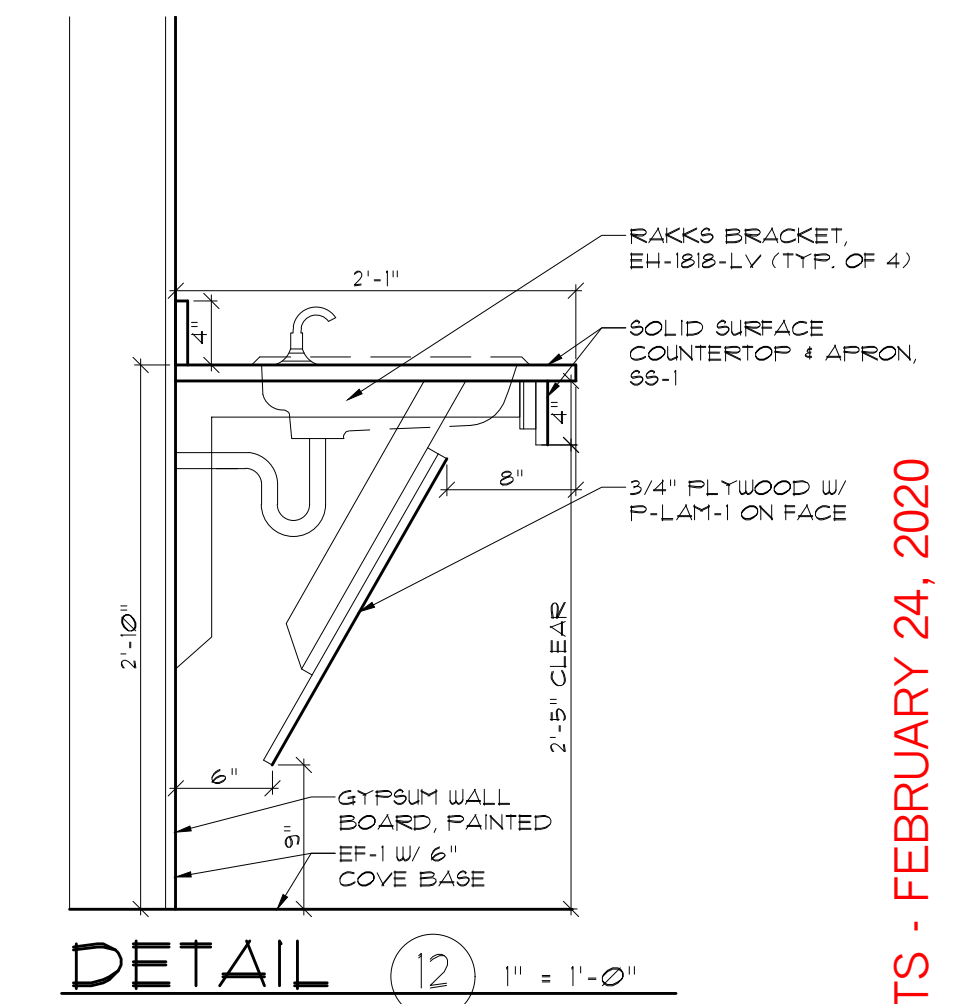
ROOM #	ROOM NAME	WALLS	FLOORING	BASE	CEILING	REMARKS
106	PASSAGE	P-4 @ NORTH WALL IN-FILL	EXIST.	RUBBER BASE TO MATCH EXIST.	EXIST.	
111	COMPANION RESTROOM	P-1 P-2 @ NORTH WALL	EF-1	EF-1	ACT-1	
114	MEN	P-1 P-2 @ SOUTH WALL	EF-1	EF-1	ACT-1	
115	WOMEN	P-1 P-2 @ NORTH WALL	EF-1	EF-1	ACT-1	
117	GALLERY	P-4 @ EAST WALL	EXIST.	EXIST.	EXIST.	

**FINISH NOTES:**

1. PROVIDE METAL TRANSITION STRIP AT FLOORING CHANGES AS REQUIRED.  
 2. ALL WALL PAINT TO BE SATIN FINISH.  
 3. ALL DOOR FRAME PAINT TO BE SEMI-GLOSS FINISH.

**FINISH LEGEND:**

ACT-1:	ACOUSTICAL CEILING MANUFACTURER: CERTANTEED TILE: VINYL ROCK GRID: 15/16"	P-3:	PAINT MANUFACTURER: BENJAMIN MOORE COLOR: MATCH EXISTING DOOR FRAMES
EF-1:	EPOXY FLOORING MANUFACTURER: STONHARD PRODUCT: STONTEC UTF COLOR: SANTA CRUZ FLAKE SIZE: SMALL COVE BASE: 6"	P-4:	PAINT MANUFACTURER: BENJAMIN MOORE COLOR: MATCH EXISTING WALLS
P-1:	PAINT MANUFACTURER: BENJAMIN MOORE COLOR: 914 MUSKOKA TRAIL	FLAM-1:	PLASTIC LAMINATE MANUFACTURER: WILSONART COLOR: DESIGNER WHITE D354-60 FINISH: MATTE
P-2:	PAINT MANUFACTURER: BENJAMIN MOORE COLOR: 2198-50 SILVER MARLIN	SS-1:	SOLID SURFACE MANUFACTURER: DUPONT PRODUCT: CORIAN COLOR: LINEN



**GENERAL NOTES**

The drawings are generally diagrammatic and are intended to convey the scope of work and indicate general arrangement of equipment. The locations of all indicated items that are not fixed by dimension are approximate only.

Maintain maximum space conditions at all points. Where space conditions appear inadequate, notify the Architect before proceeding with the installation.

Coordinate the exact location of all materials with the work of other trades and with the existing conditions prior to installation.

All materials to be removed shall be removed from the project site in their entirety, including all hangers, supports and appurtenances.

Provide swing joints and piping offsets as required for installation of the sprinkler heads in the locations indicated. All new fire protection system piping shall be installed with offsets as required to be clear of mechanical ducts.

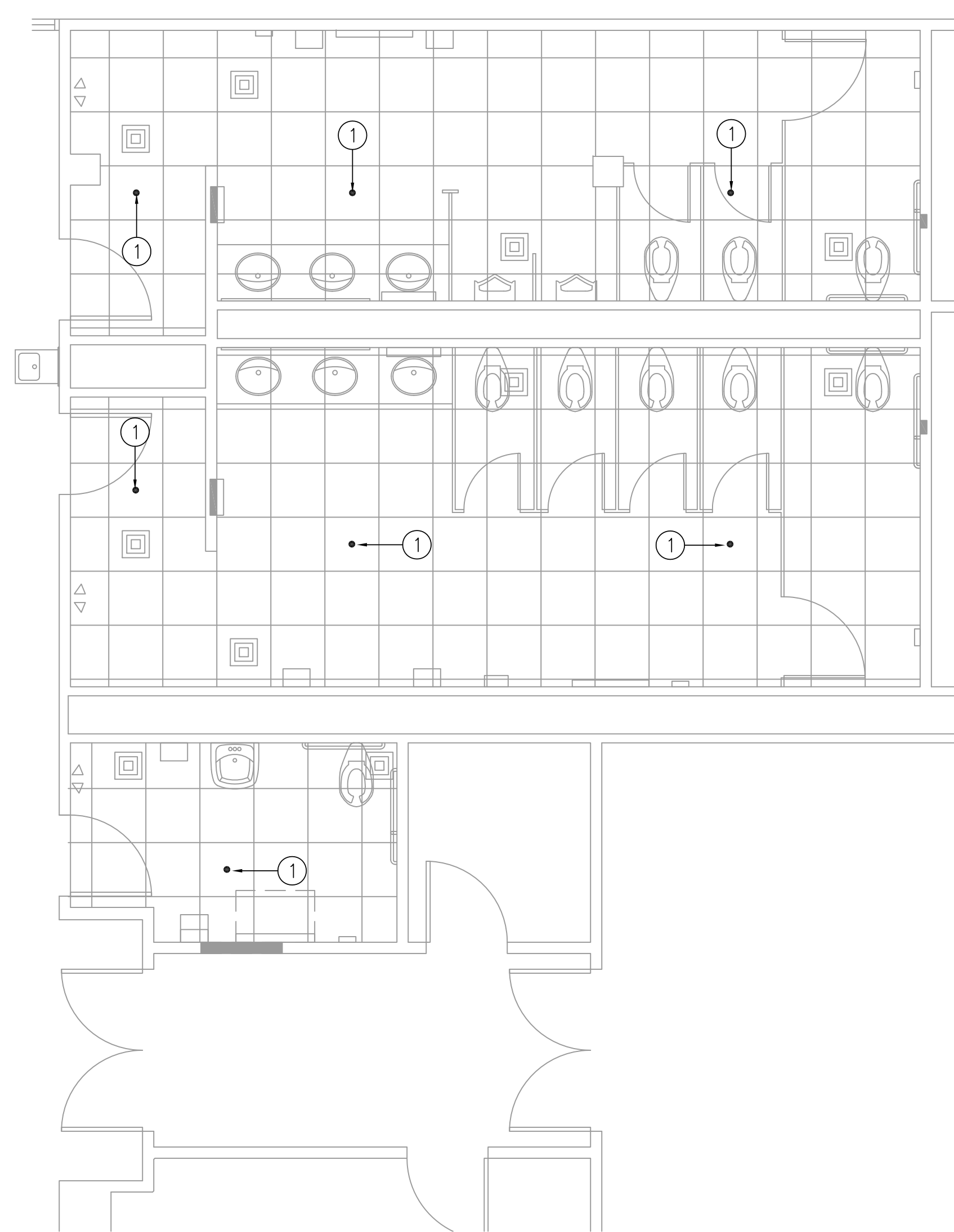
Refer to Architectural Reflected Ceiling Plans and details for the exact location of all new sprinkler heads. Heads shall be located at centerline of ceiling pattern unless indicated otherwise.

All system shut-downs shall be with prior approval of the Architect and Owner. Interruptions to services shall be scheduled to minimize down time.

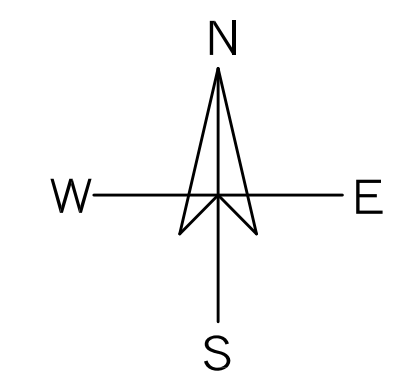
Refer to the PROJECT SPECIFICATION for additional requirements.

- NEW WORK GENERAL NOTES**
- UNDER NEW WORK, THE FOLLOWING IS, IN BRIEF, NOTATIONS RELATED TO THE WORK TO BE PERFORMED BY THE FIRE PROTECTION CONTRACTOR UNDER THIS CONTRACT. THE GENERAL INTENT AND RESULTANT SCOPE OF WORK IS FOR THE INSTALLATION AND MODIFICATION OF FIRE PROTECTION SYSTEMS. REFER TO NOTES ON THIS DRAWING FOR ADDITIONAL SCOPE OF WORK.
1. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING FIRE PROTECTION SYSTEMS AS INDICATED ON THE FIRE PROTECTION DRAWINGS AND WHERE REQUIRED THROUGHOUT THE SYSTEM.
  2. THE CONTRACTOR SHALL INSTALL NEW SPRINKLER HEADS AS INDICATED ON THE FIRE PROTECTION DRAWINGS. COORDINATION WITH THE ARCHITECT'S REFLECTED CEILING PLANS SHALL BE REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT SPRINKLER HEAD LAYOUT AND COORDINATION WITH FIELD CONDITIONS.
  3. PROVIDE BRANCH RUNOUTS FROM NEW SPRINKLER HEADS TO CONNECTIONS AT EXISTING BRANCH MAINS. PROVIDE NEW CONNECTIONS AT THE LOCATION OF FORMER SPRINKLER HEADS WHERE AVAILABLE.
  3. PROVIDE BRANCH RUNOUTS FROM NEW SPRINKLER HEADS TO CONNECTIONS AT EXISTING BRANCH MAINS. PROVIDE NEW TEE CONNECTIONS WHERE NECESSARY.

- KEY NOTES: NEW WORK**
- ① REMOVE AND REPLACE EXISTING SPRINKLER HEAD TO ALLOW INSTALLATION OF NEW CEILING SYSTEMS. MODIFY EXISTING SPRINKLER DROP / RUNOUT AS REQUIRED TO ALIGN NEW SPRINKLER HEAD WITH NEW CEILING SYSTEMS. SPRINKLER HEAD TO BE LOCATED AT CENTER OF CEILING TILE.



**1 PARTIAL FIRST FLOOR PROPOSED PLAN**  
F1.0 SCALE: 1/4" = 1'-0" 



SHEET CONTENTS:

FIRE PROTECTION:  
PARTIAL FIRST FLOOR  
PLAN  
DEMOLITION & NEW  
WORK

PROJECT # 0120

DATE: 02/05/2020  
REVISED DATE: 02/24/2020

**F1.0**

**GENERAL NOTES**

The drawings are generally diagrammatic and are intended to convey the scope of work and indicate general arrangement of equipment. The locations of all indicated items that are not fixed by dimension are approximate only.

Maintain maximum space conditions at all points. Where space conditions appear inadequate, notify the Architect before proceeding with the installation.

Coordinate the exact location of all materials with the work of other trades and with the existing conditions prior to installation.

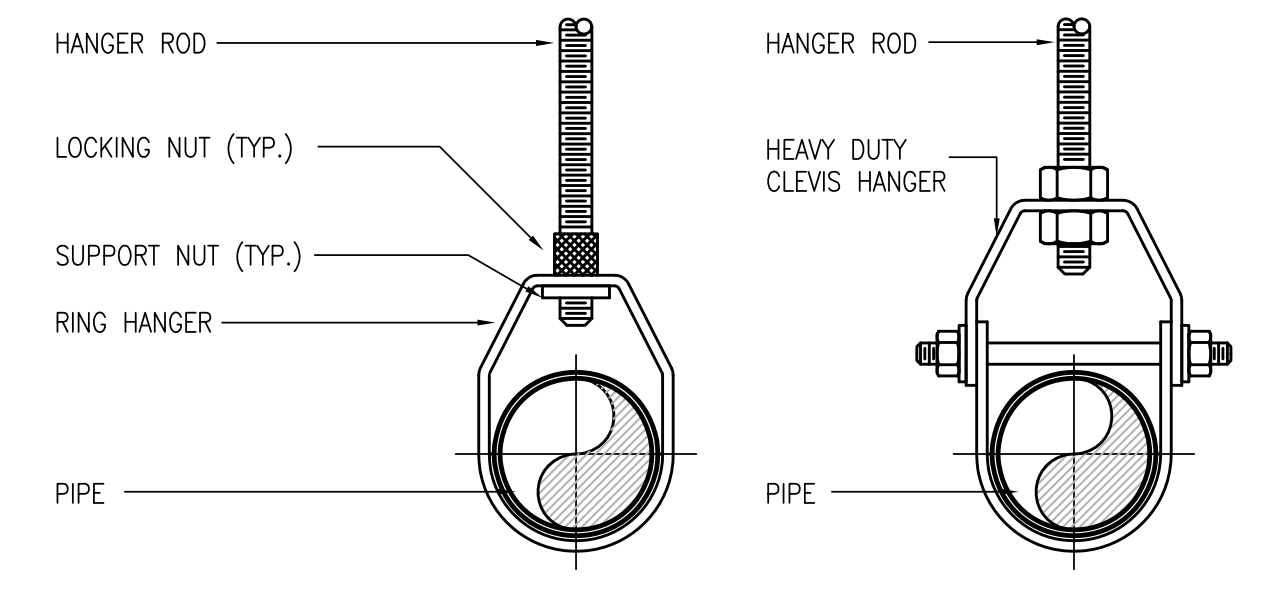
All materials to be removed shall be removed from the project site in their entirety, including all hangers, supports and appurtenances.

Provide swing joints and piping offsets as required for installation of the sprinkler heads in the locations indicated. All new fire protection system piping shall be installed with offsets as required to be clear of mechanical ducts.

Refer to Architectural Reflected Ceiling Plans and details for the exact location of all new sprinkler heads. Heads shall be located at centerline of ceiling pattern unless indicated otherwise.

All system shut-downs shall be with prior approval of the Architect and Owner. Interruptions to services shall be scheduled to minimize down time.

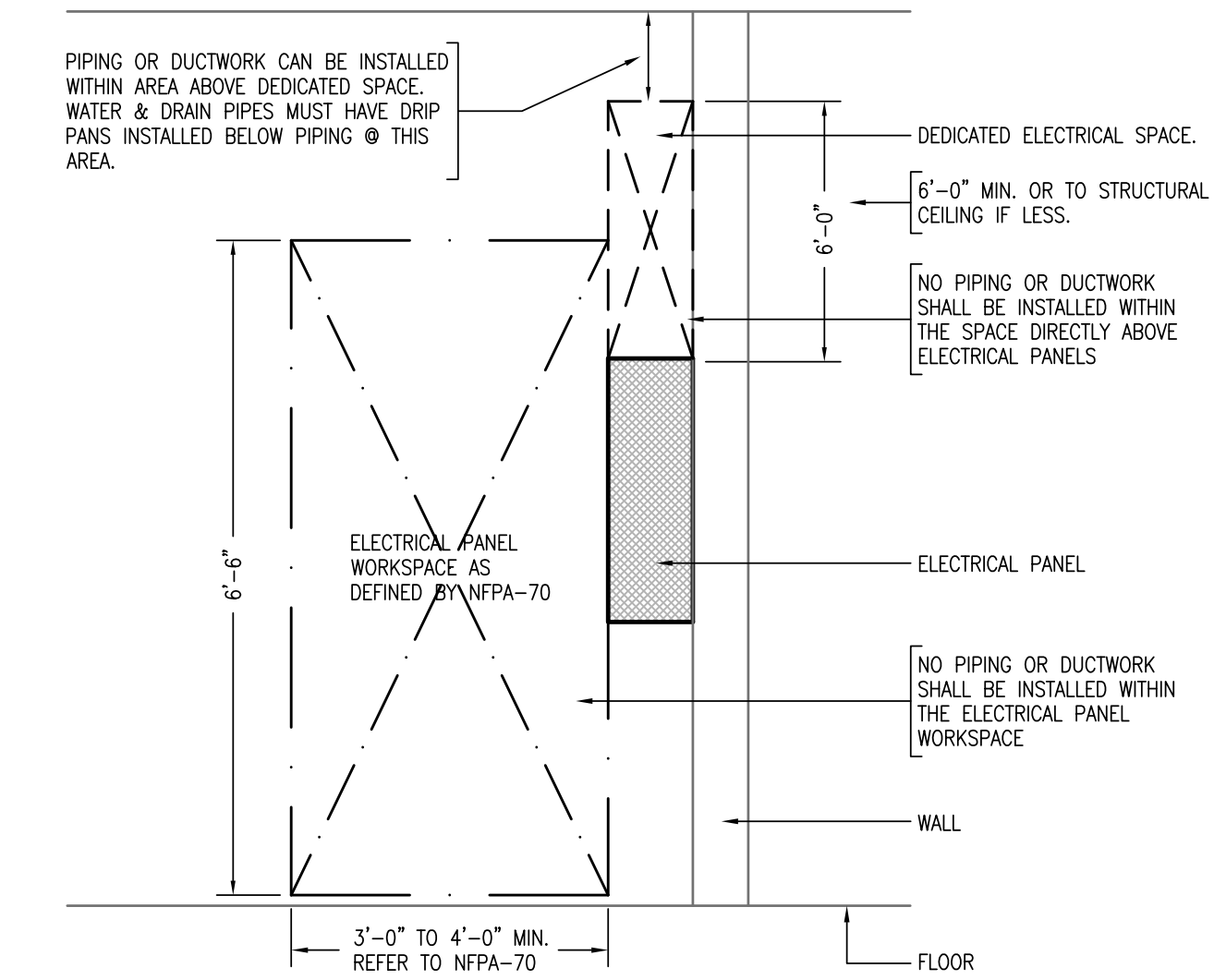
Refer to the PROJECT SPECIFICATION for additional requirements.



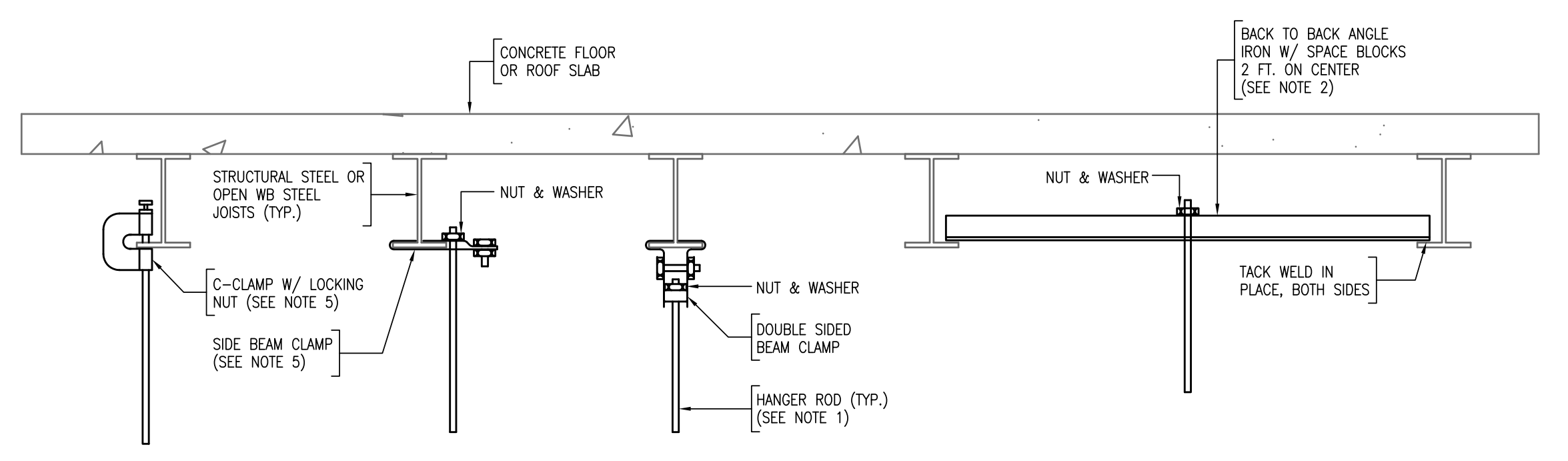
ADJ. RING HANGER (FOR PIPES UP TO 1-1/4")  
ADJ. CLEVIS HANGER (FOR PIPES 1-1/2" TO 3")

HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8"	6" - 8"	3/4"
2-1/2" - 3"	1/2"	8" - 10"	7/8"
4" - 5"	5/8"	12" - 14"	1"

**1 TYPICAL PIPE HANGER DETAILS: UNINSULATED PIPING**  
F500 SCALE: NONE

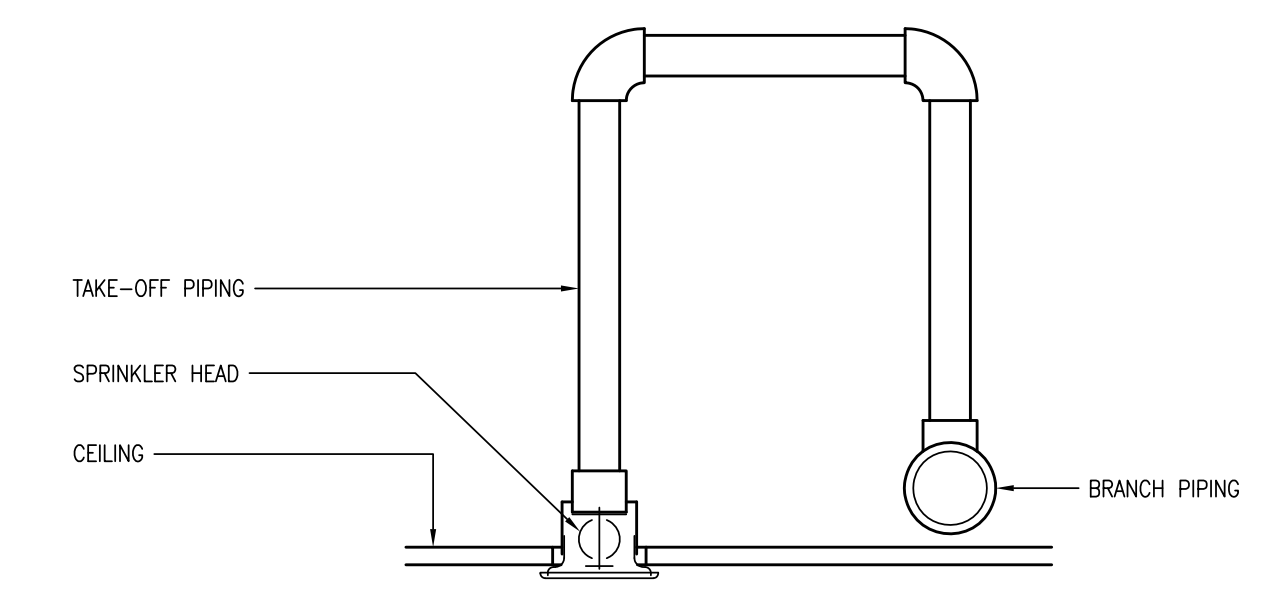


**3 ELECTRICAL SYSTEMS COORD. DETAIL**  
F500 SCALE: NONE

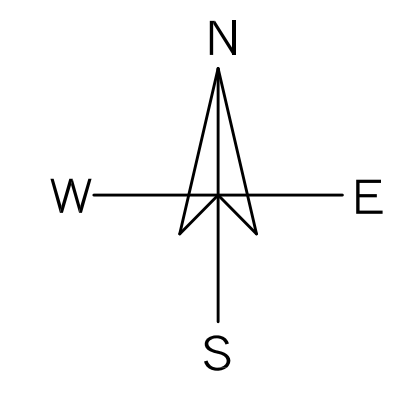


- NOTE:
- REFER TO PIPE HANGER DETAIL FOR HANGER ROD SIZE. FOR CEILING SUSPENDED EQUIPMENT PROVIDE MIN. 3/8" DIA. HANGER ROD (REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS).
  - FOR PIPES UNDER 2" USE A SINGLE 1-1/2" x 1-1/2" x 1/4" ANGLE IRON WITH C-CLAMP FOR PIPES 2-1/2" AND LARGER USE 3" x 3" x 1/4" ANGLE IRON BACK TO BACK AS SHOWN.
  - REFER TO "TYPICAL" METHOD OF SECURING HANGER RODS TO CONCRETE DECK DETAIL FOR ATTACHING HANGER RODS TO CONCRETE DECK.

**2 TYPICAL HANGER ROD DETAILS**  
F500 SCALE: NONE



**4 DETAIL AT PENDANT SPRINKLER HEAD**  
F500 SCALE: NONE



SHEET CONTENTS:

FIRE PROTECTION:  
TYPICAL DETAILS

PROJECT # 0120

DATE: 02/05/2020  
REVISED DATE: 02/24/2020

SPRINKLER HEAD SCHEDULE							
SYMBOL	DESCRIPTION	TEMP	ORIFICE	K FACTOR	FINISH	MODEL	NOTES
●	FLUSH PENDANT	155° F	1/2"	5.6	WHITE	SERIES RF-II	TYCO QUICK RESPONSE
●	CONCEALED ABV CEILING	165° F	1/2"	5.6	BRASS	SERIES TY-FRL	TYCO QUICK RESPONSE
▽	SIDEWALL	155° F	1/2"	5.6	CHROME	SERIES TY-FRB	TYCO QUICK RESPONSE EXTENDED COVERAGE
○	UPRIGHT	165° F	1/2"	5.6	BRASS	SERIES TY-FRC	TYCO QUICK RESPONSE

SYSTEM FLOW REQUIREMENTS									
ZONE	OCCUPANCY TYPE	HAZARD CLASSIFICATION	SPRINKLER DEMAND		STANDPIPE DEMAND		SPRINKLER DENSITY		NOTES
			SPRINKLERS	HOSE STREAMS	FLOW RATE	MIN. OUTLET PRESSURE	FLOW RATE	AREA	
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-



**GENERAL NOTES**

The drawings are generally diagrammatic and are intended to convey the scope of work and indicate general arrangement of equipment. The locations of all indicated items that are not fixed by dimension are approximate only.

Maintain maximum space conditions at all points. Where space conditions appear inadequate, notify the Architect before proceeding with the installation.

Coordinate the exact location of all materials with the work of other trades and with the existing conditions prior to installation.

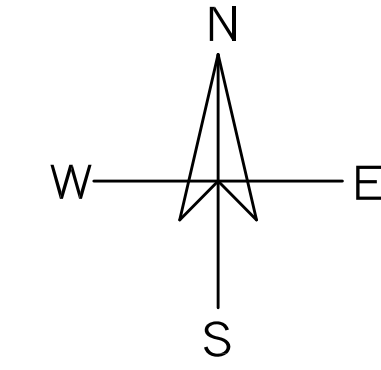
All materials to be removed shall be removed from the project site in their entirety, including all hangers, supports and appurtenances.

Provide swing joints and piping offsets as required for installation of the sprinkler heads in the locations indicated. All new fire protection system piping shall be installed with offsets as required to be clear of mechanical ducts.

Refer to Architectural Reflected Ceiling Plans and details for the exact location of all new sprinkler heads. Heads shall be located at centerline of ceiling pattern unless indicated otherwise.

All system shut-downs shall be with prior approval of the Architect and Owner. Interruptions to services shall be scheduled to minimize down time.

Refer to the PROJECT SPECIFICATION for additional requirements.



Renovations to:  
**Warwick Public Library**  
**First Floor Restrooms**  
 600 Sandy Lane  
 Warwick, RI

**Ed Wojcik**  
 architect, ltd  
 One Richmond Square  
 Providence, RI 02906  
 401 • 861 • 7139

DESIGN DEVELOPMENT - FEBRUARY 24, 2020

SHEET CONTENTS:  
 FIRE PROTECTION:  
 SCHEDULES  
 PROJECT # 0120  
 DATE: 02/05/2020  
 REVISED DATE: 02/24/2020

**F8.0**

**GENERAL NOTES**

The drawings are generally diagrammatic and are intended to convey the scope of work and indicate general arrangement of equipment. The locations of all indicated items that are not fixed by dimension are approximate only.

Maintain maximum space conditions at all points. Where space conditions appear inadequate, notify the Architect before proceeding with the installation.

Coordinate the exact location of all materials with the work of other trades and with the existing conditions prior to installation.

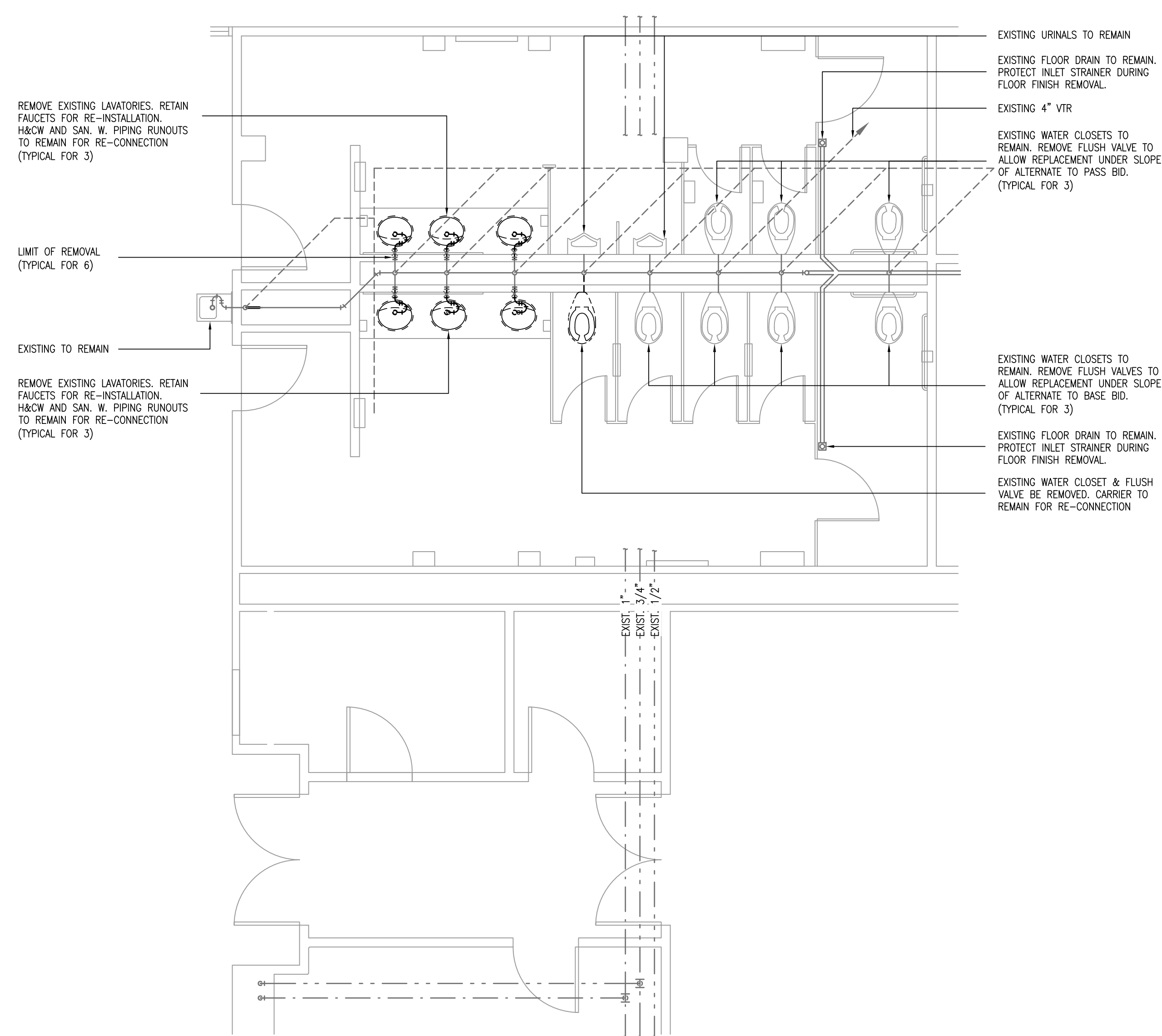
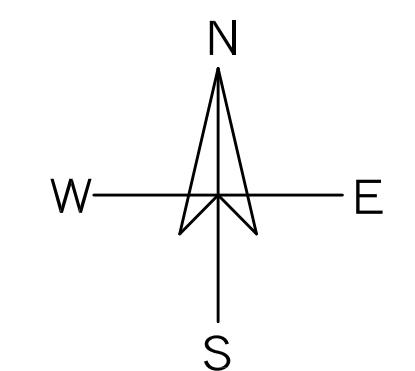
All materials to be removed shall be removed from the project site in their entirety, including all hangers, supports and appurtenances.

The piping layout as indicated is schematic and diagrammatic in scope and is not intended to show all offsets which may be required. The exact pipe route shall be field coordinated, required to be clear of mechanical ducts.

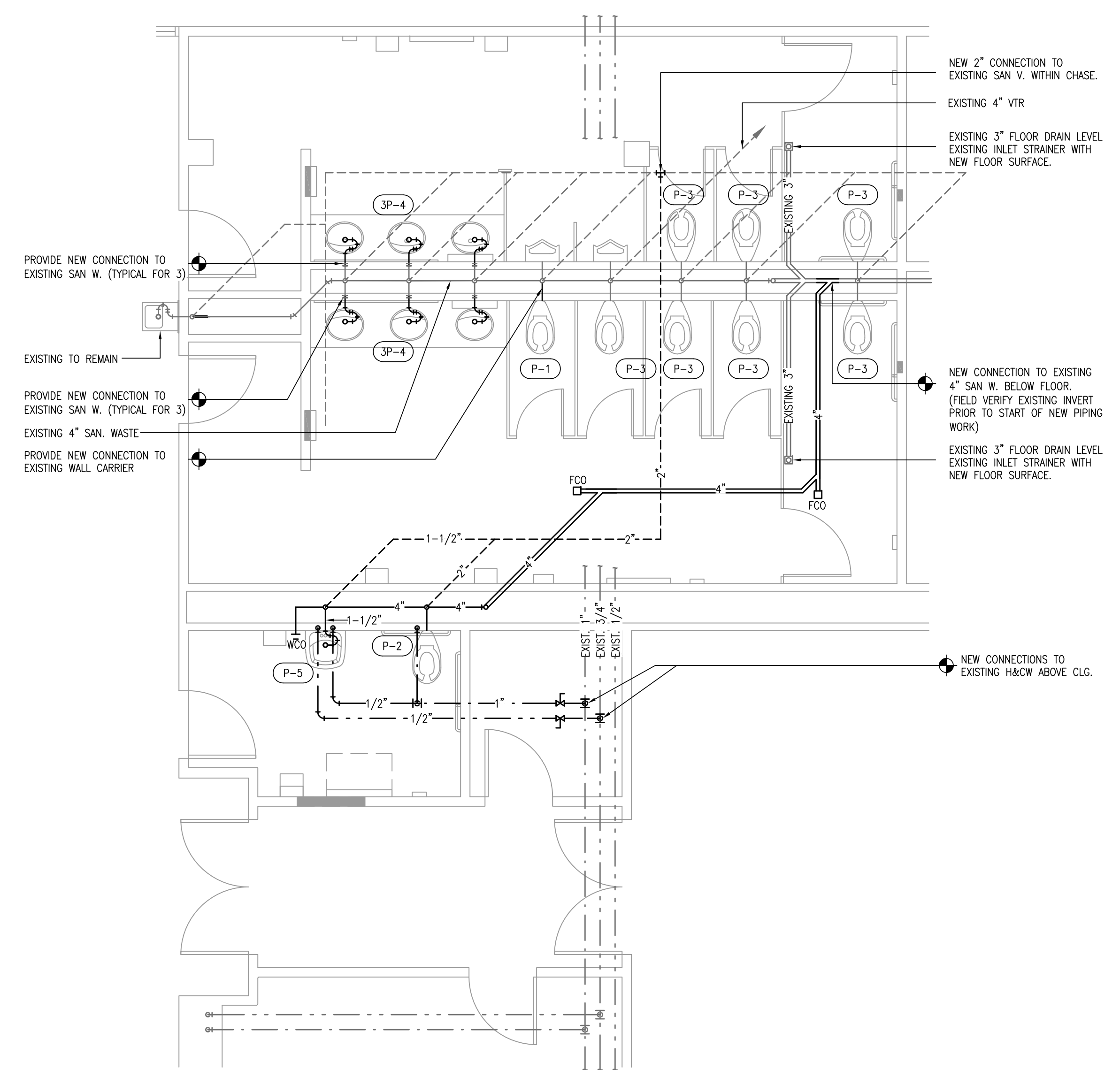
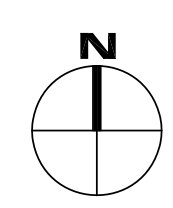
Refer to Architectural Floor Plan for the exact location and Configuration of all plumbing fixtures.

All system shut-downs shall be with prior approval of the Architect and Owner. Interruptions to services shall be scheduled to minimize down time.

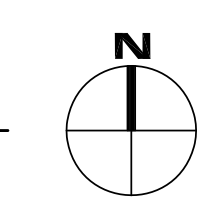
Refer to the PROJECT SPECIFICATION for additional requirements.



**1** PARTIAL FIRST FLOOR DEMOLITION PLAN  
P1.0 SCALE: 1/4" = 1'-0"



**2** PARTIAL FIRST FLOOR PROPOSED PLAN  
P1.0 SCALE: 1/4" = 1'-0"



DESIGN DEVELOPMENT - FEBRUARY 24, 2020

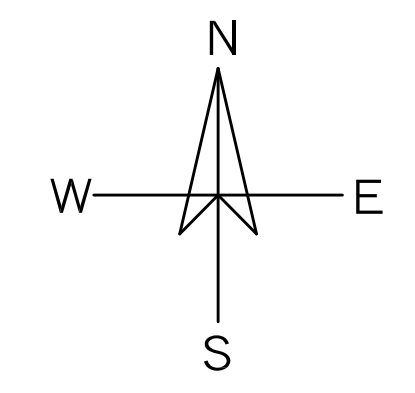
SHEET CONTENTS:

PLUMBING:  
PARTIAL FIRST FLOOR  
PLAN  
DEMOLITION &  
NEW WORK

PROJECT # 0120

DATE: 02/05/2020  
REVISED DATE: 02/24/2020





SHEET CONTENTS:

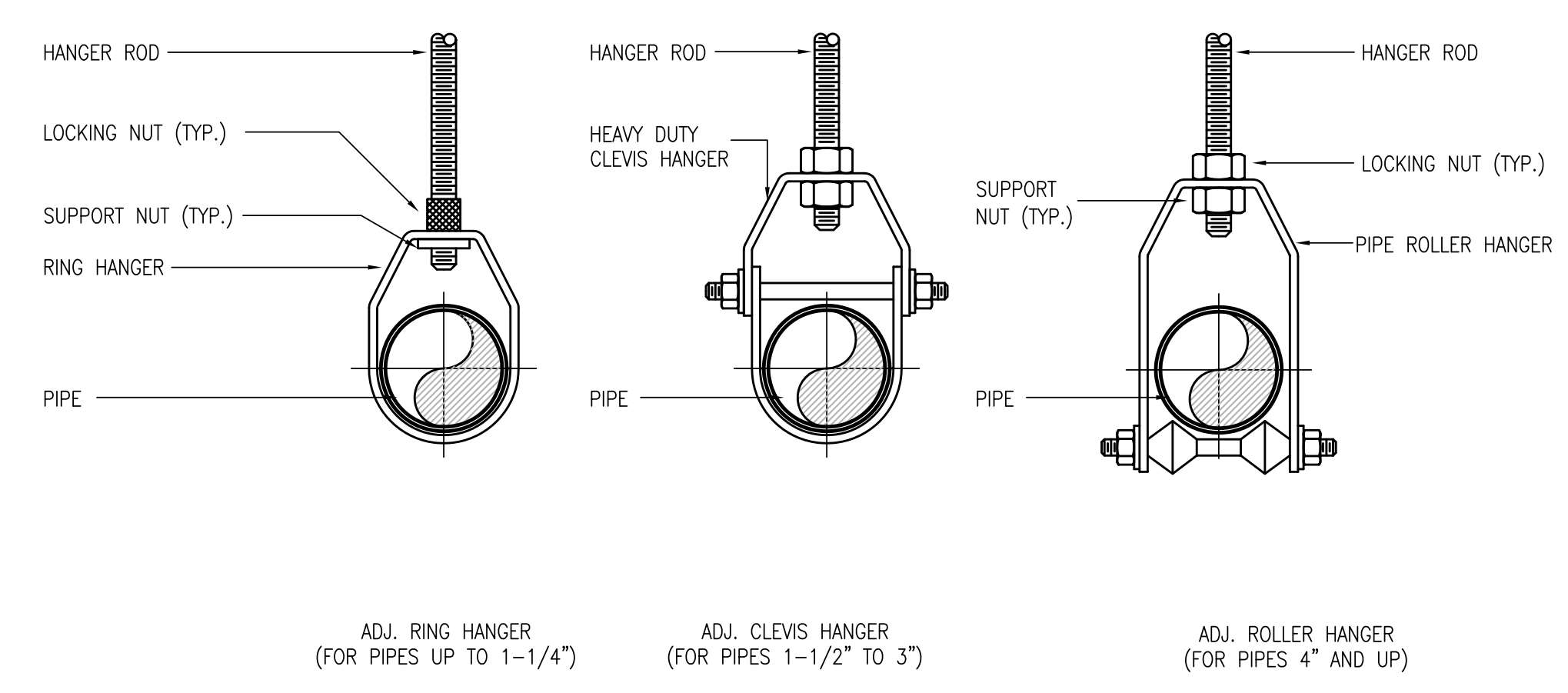
PLUMBING:  
PARTIAL FIRST FLOOR  
PLAN  
DETAILS & SCHEDULES

PROJECT # 0120

DATE: 02/05/2020  
REVISED DATE: 02/24/2020

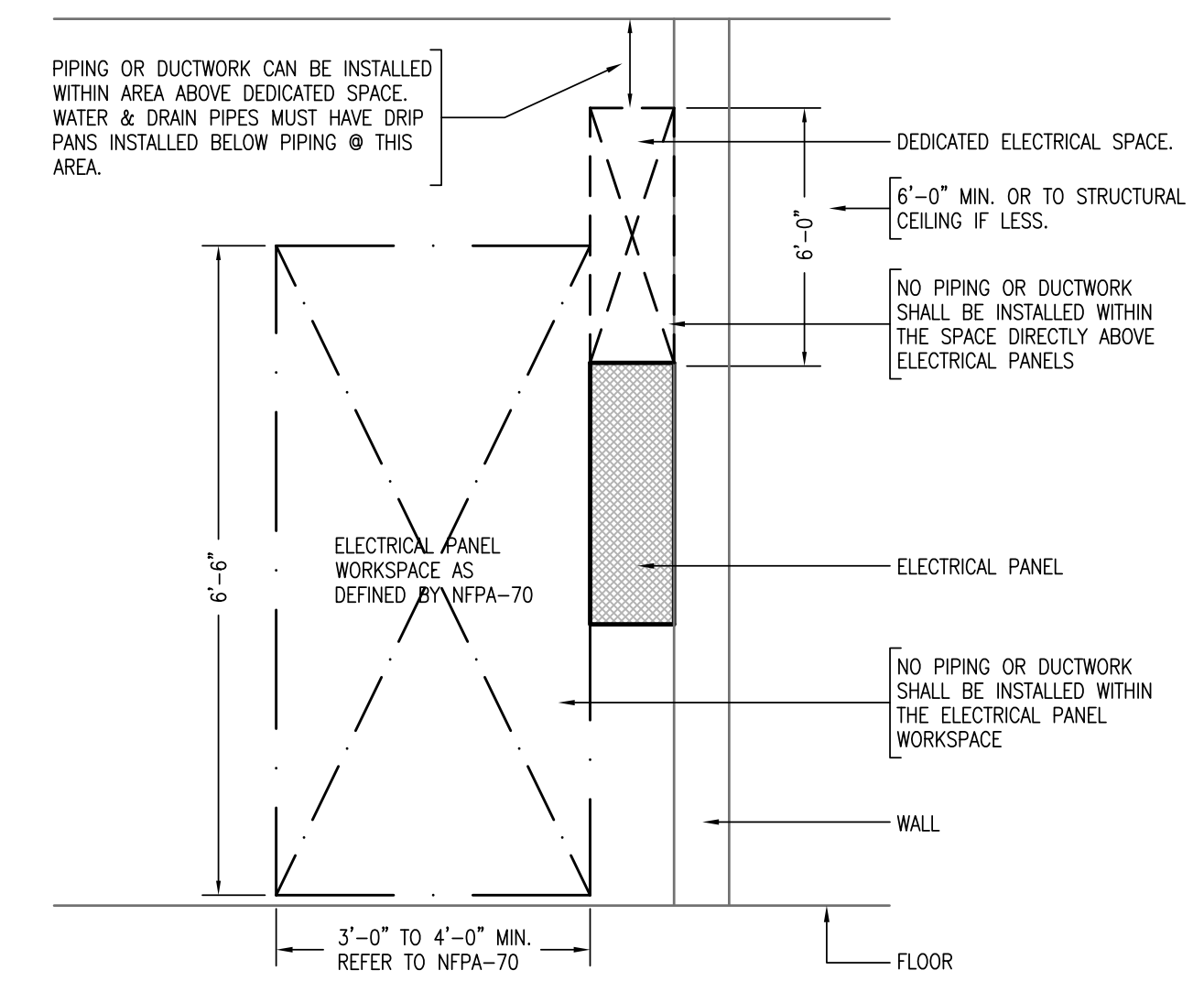
**P5.0**

DESIGN DEVELOPMENT - FEBRUARY 24, 2020

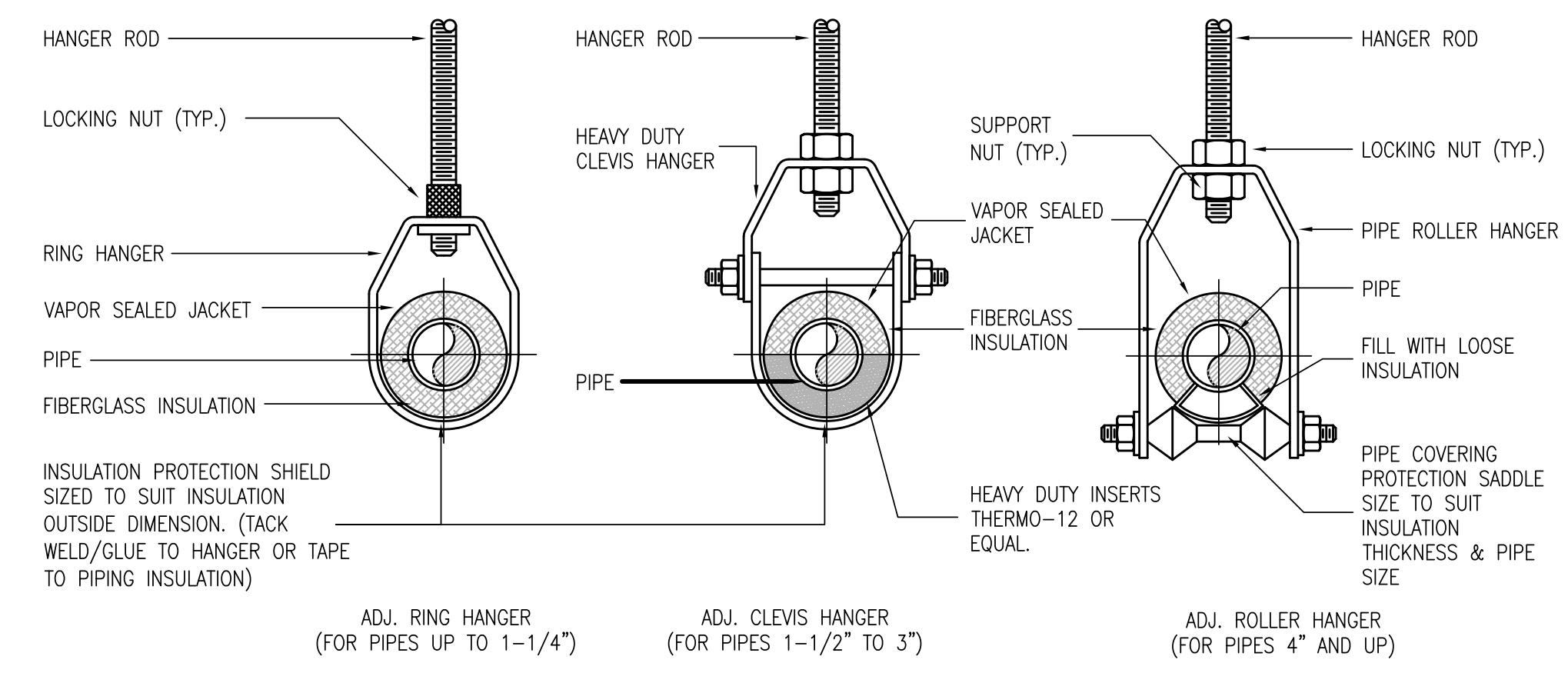


HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8"	6" - 8"	3/4"
2-1/2" - 3"	1/2"	8" - 10"	7/8"
4" - 5"	5/8"	12" - 14"	1"

**1** TYPICAL PIPE HANGER DETAILS: UNINSULATED PIPING  
P5.0 SCALE: NONE



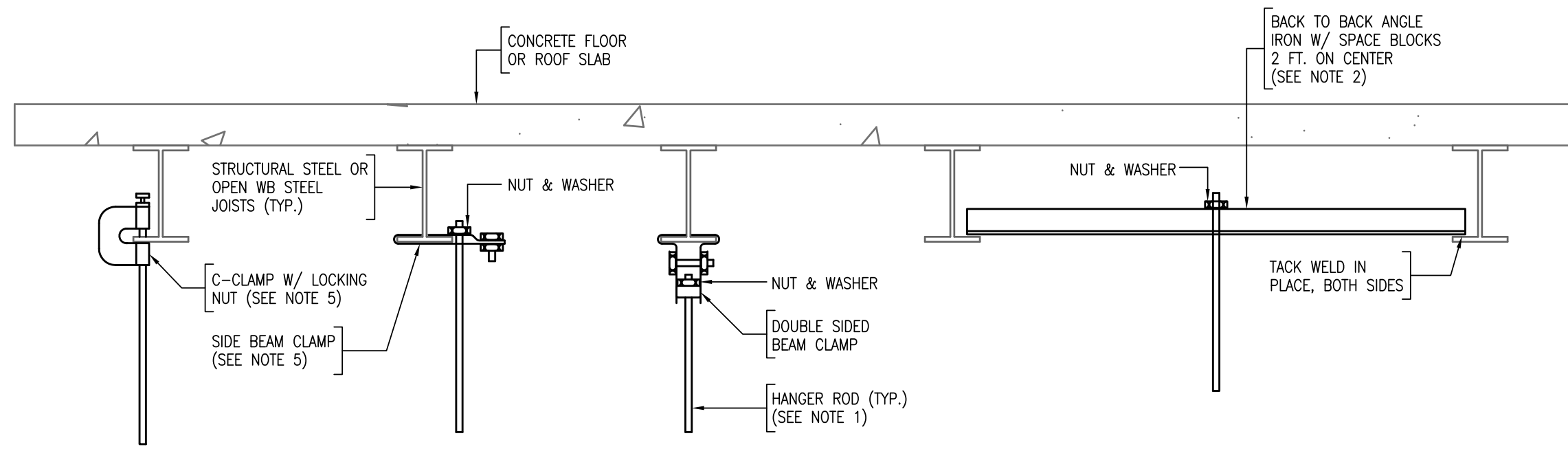
**2** ELECTRICAL SYSTEMS COORD. DETAIL  
P5.0 SCALE: NONE



HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8"	6" - 8"	3/4"
2-1/2" - 3"	1/2"	8" - 10"	7/8"
4" - 5"	5/8"	12" - 14"	1"

INSULATION INSERTS	
PIPE SIZE	LENGTH
UP TO 2-1/2"	10"
3" TO 6"	12"
8" TO 10"	16"
12" AND OVER	22"

**3** TYPICAL PIPE HANGER DETAILS: INSULATED PIPING  
P5.0 SCALE: NONE



NOTE:  
1. REFER TO PIPE HANGER DETAIL FOR HANGER ROD SIZE. FOR CEILING SUSPENDED EQUIPMENT PROVIDE MIN. 3/8" DIA. HANGER ROD (REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS).  
2. FOR PIPES UNDER 2" USE A SINGLE 1-1/2" X 1-1/2" X 1/4" ANGLE IRON WITH C-CLAMP FOR PIPES 2-1/2" AND LARGER USE 3" X 3" X 1/4" ANGLE IRON BACK TO BACK AS SHOWN.  
3. REFER TO "TYPICAL" METHOD OF SECURING HANGER RODS TO CONCRETE DECK DETAIL FOR ATTACHING HANGER RODS TO CONCRETE DECK.

**4** TYPICAL HANGER ROD DETAILS  
P5.0 SCALE: NONE

PLUMBING FIXTURE SCHEDULE							
P NO	FIXTURE	CONNECTIONS				MODEL	NOTES
		WASTE	VENT	C.W.	H.W.		
P-1	WATER CLOSET	4"	2"	1"	-	CT708UGX	TUTO WALL HUNG
P-2	WATER CLOSET (ADA)	4"	2"	1"	-	CT708UGX	TUTO WALL HUNG
P-3	WATER CLOSET (EXIST.)	4"	2"	1"	-	EXISTING TO REMAIN	PROVIDE REPLACEMENT FLUSH VALVE UNDER ALTERNATE
P-4	LAVATORY COUNTERTOP	1-1/2"	1-1/2"	1-1/2"	1-1/2"	LT569	TUTO UNDER COUNTER
P-5	LAVATORY WALL HUNG	1-1/2"	1-1/2"	1/2"	1/2"	0955.001EC / 0059.020EC	AMERICAN STANDARD MURRO

REFER TO PROJECT SPECIFICATION FOR FULL SCOPE OF FITTINGS TO BE PROVIDED FOR EACH FIXTURE



**GENERAL NOTES**

The drawings are generally diagrammatic and are intended to convey the scope of work and indicate general arrangement of equipment. The locations of all indicated items that are not fixed by dimension are approximate only.

Maintain maximum space conditions at all points. Where space conditions appear inadequate, notify the Architect before proceeding with the installation.

Coordinate the exact location of all materials with the work of other trades and with the existing conditions prior to installation.

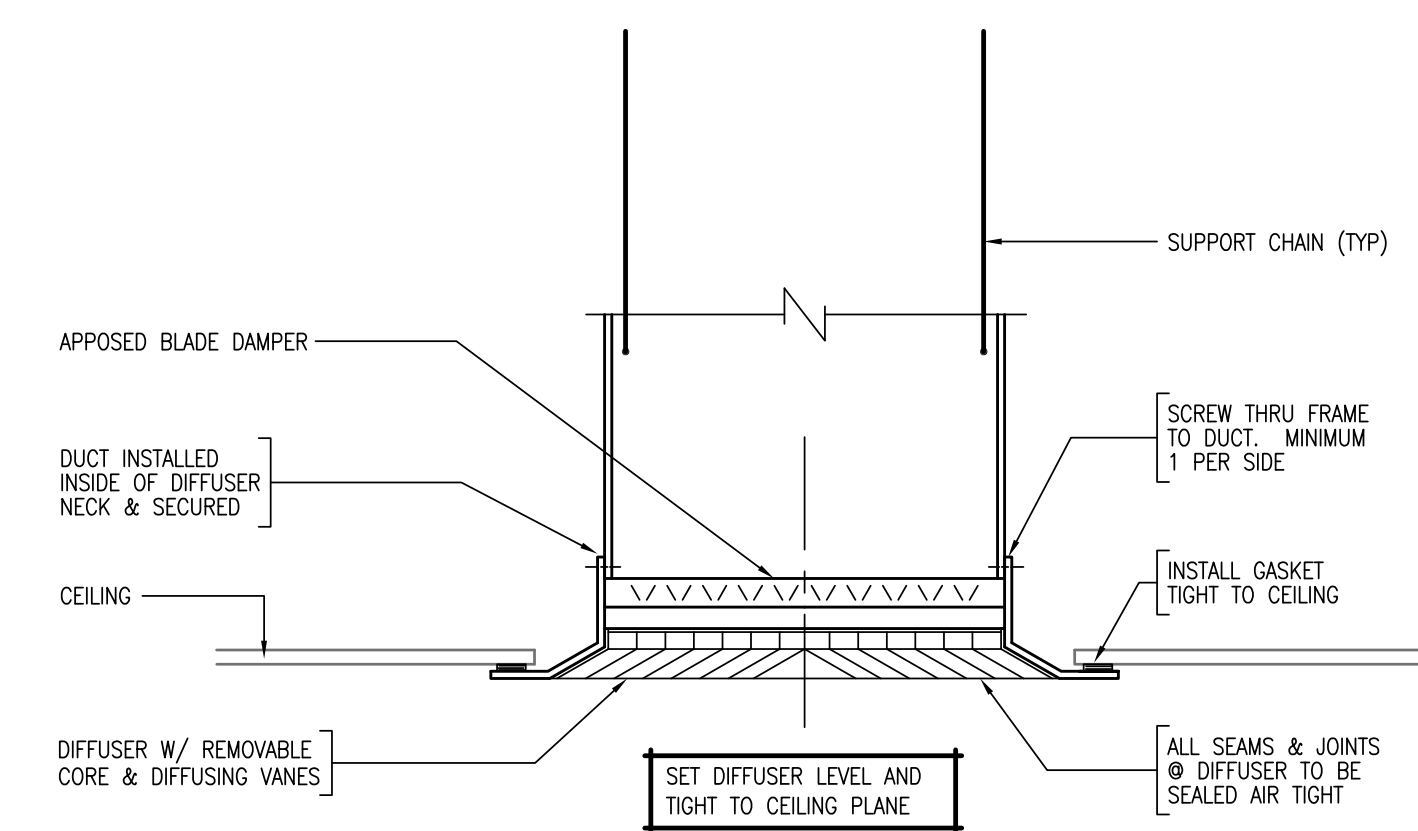
All materials to be removed shall be removed from the project site in their entirety, including all hangers, supports and appurtenances.

Provide swing joints and piping offsets as required for installation of the sprinkler heads in the locations indicated. All new fire protection system piping shall be installed with offsets as required to be clear of mechanical ducts.

Refer to Architectural Reflected Ceiling Plans and details for the exact location of all new sprinkler heads. Heads shall be located at centerline of ceiling pattern unless indicated otherwise.

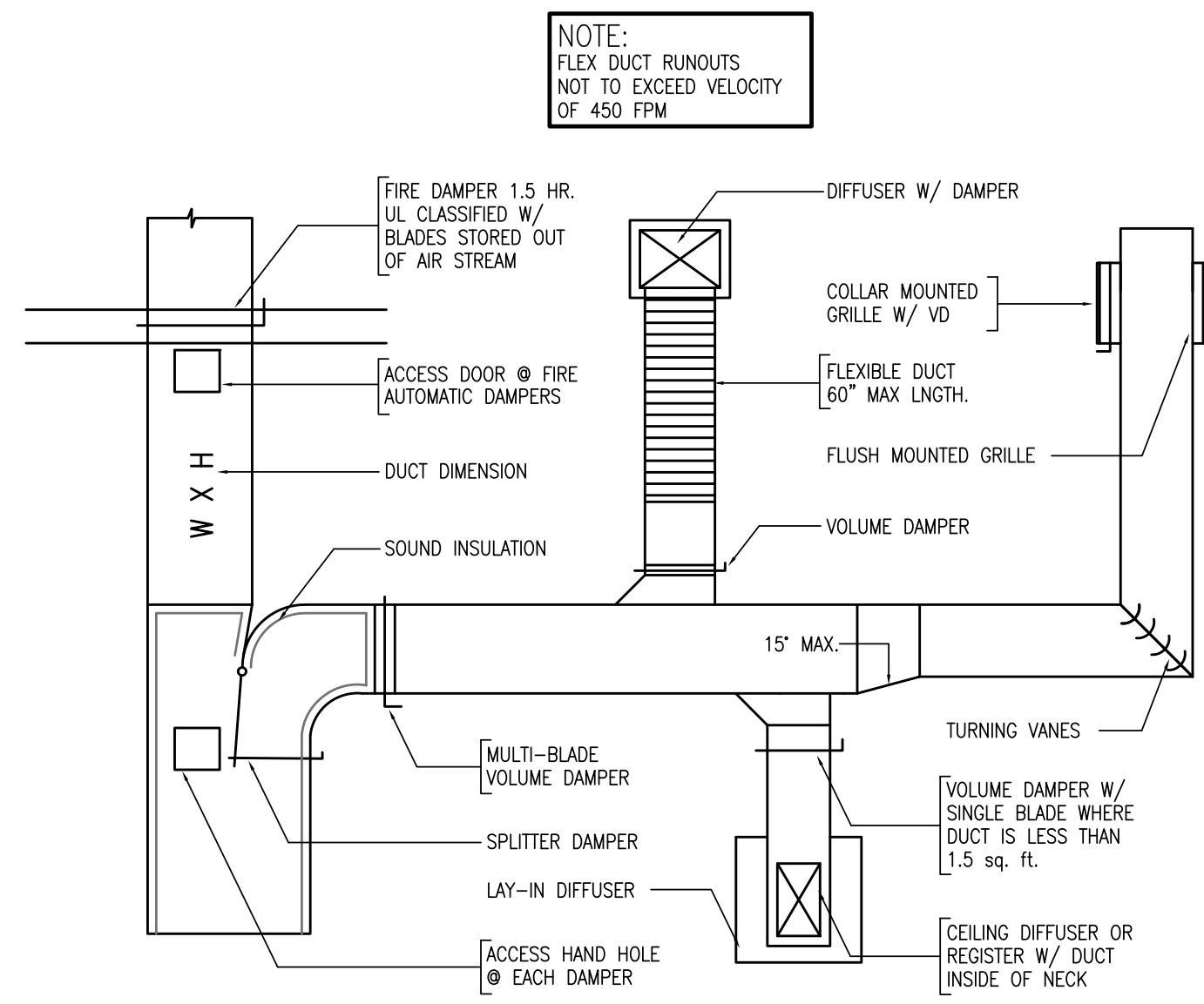
All system shut-downs shall be with prior approval of the Architect and Owner. Interruptions to services shall be scheduled to minimize down time.

Refer to the PROJECT SPECIFICATION for additional requirements.



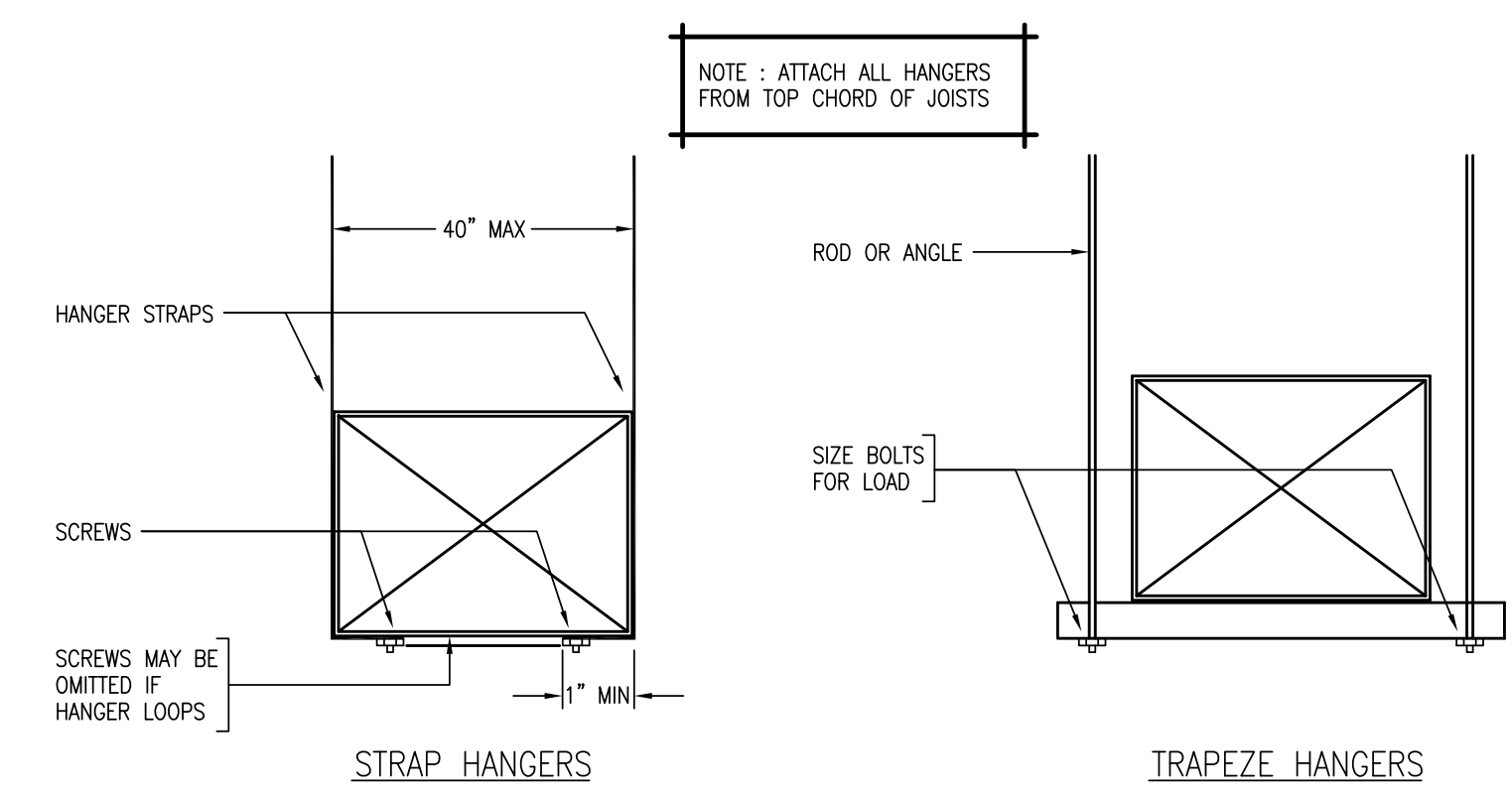
**1 TYPICAL DIFFUSER DETAIL**

M500 SCALE: NONE



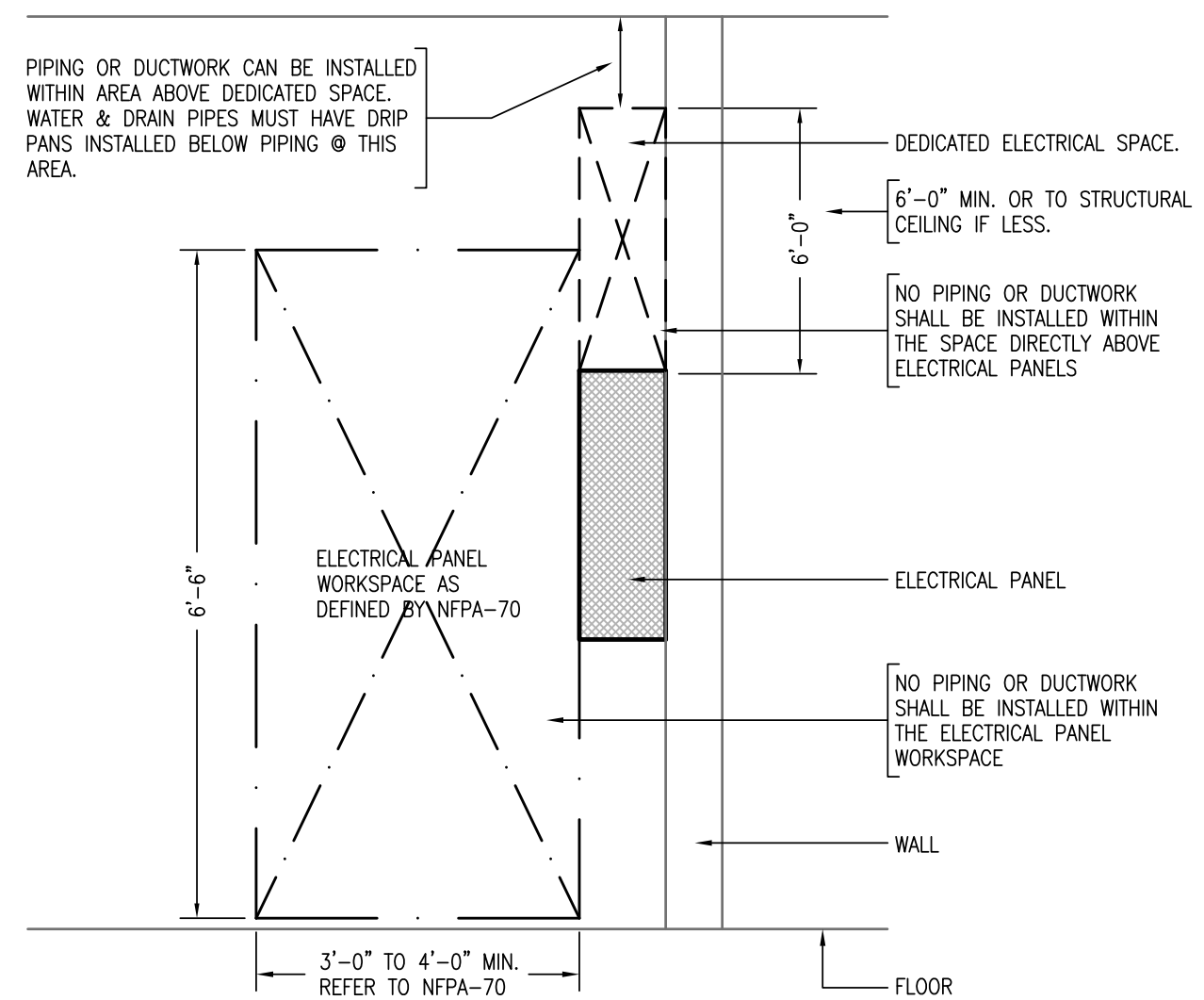
**4 TYPICAL DUCTWORK DETAIL**

M500 SCALE: NONE



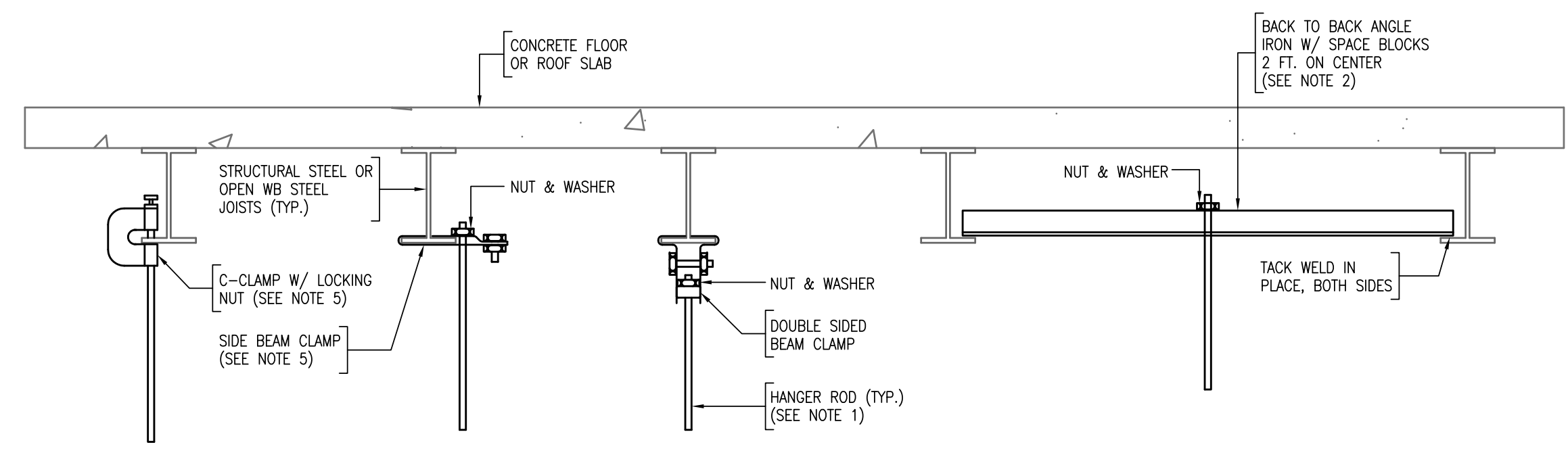
**2 TYPICAL DUCT HANGER DETAIL**

M500 SCALE: NONE



**5 ELECTRICAL SYSTEMS COORD. DETAIL**

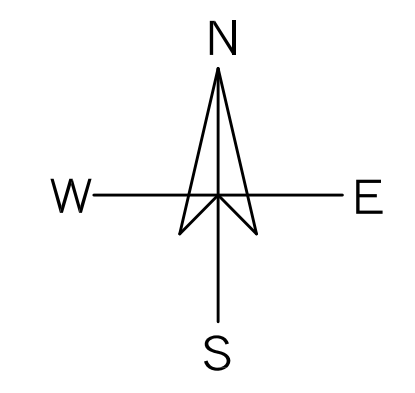
M500 SCALE: NONE



- NOTE:
- REFER TO PIPE HANGER DETAIL FOR HANGER ROD SIZE. FOR CEILING SUSPENDED EQUIPMENT PROVIDE MIN. 3/8" DIA. HANGER ROD (REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS).
  - FOR PIPES UNDER 2" USE A SINGLE 1-1/2" x 1-1/2" x 1/4" ANGLE IRON WITH C-CLAMP FOR PIPES 2-1/2" AND LARGER USE 3" x 3" x 1/4" ANGLE IRON BACK TO BACK AS SHOWN.
  - REFER TO "TYPICAL" METHOD OF SECURING HANGER RODS TO CONCRETE DECK DETAIL FOR ATTACHING HANGER RODS TO CONCRETE DECK.

**3 TYPICAL HANGER ROD DETAILS**

M500 SCALE: NONE



SHEET CONTENTS:

MECHANICAL:  
TYPICAL DETAILS

PROJECT # 0120

DATE: 02/05/2020  
REVISED DATE: 02/24/2020