ADDENDUM NO. 6

OCTOBER 2, 2024

PAGE 1

The contents of this Addendum alter and amend the drawings and specifications and take precedence over the related items therein. Bidders shall include the cost of all items in their Bids.

GENERAL INFORMATION

- 1. PLUMBING SCOPE REVISIONS: In lieu of water service replacement, existing water service to building (1" DW & 6" Sprinkler) shall remain. Water closet plumbing fixtures changed from flushometer to tank-style fixtures. DW supply pipe sizes have been updated.
 - a. For the purposes of expediency in accommodating this change, RFI's <u>RELATED TO THIS CHANGE</u> may be submitted via email to the Architect (<u>ScottG@MG-Architects.com</u>) or via Pennbid. They will be responded to expediently, and responses then aggregated in final Addendum.
- 2. Additional details for retaining wall construction added to A-506.

CLARIFICATIONS:

- 1. Missing partition type descriptions:
 - a. 2B 2" CMU soap block.
 - **b.** 7/7A 6" 20 ga. Studs @ 16" o.c. w/ 5/8" gyp either side. Acoustic insulation & sealant at type '7A.'
 - **c.** 7R 6" 20 ga. Studs @ 16" o.c. w/ 5/8" gyp either side. Ballistic-resistant sheathing behind gypsum board on secure side of wall.
 - d. 6BGA See Detail 8/A-501
 - 2. Unit Price "UG-04: Floor Leveler": Unit price shall be based per square foot at 1/4-inch thickness.

REQUESTS FOR INFORMATION:

- #A5.1 With this last addendum, for the alternate [G-01] is your intent for us to remove all of the gutters so we can paint the fascia and gutters?
 - A: Gutters do not need to be removed in order to paint the fasciae. Downspouts should be removed and reinstalled in order to get 360 degree coverage and avoid paint splatter on the masonry.
- #A5.2 For the doors that are to be refinished, are you looking to strip it? or just sand, wipe a little stain in and seal it.
 - A: Existing flush wood veneer doors to be sanded, patched and stained to match new doors. Level of sanding/stripping as required to get clean matching finish.
- #A5.3 Do the shutters get painted?
 - A: Yes, they are considered part of the "trim" as are the window cornices.
- #A5.4 [What is the intent for the wood trim in the lobby where the wall adjacent to the elevator is demo'd?]

MGA 23-0047.0

ADDENDUM NO. 6

OCTOBER 2, 2024

PAGE 2

A: GC shall be responsible for cleanly demolishing the wall to permit a finished termination against the new wall between the Lobby and PD Reception area. Provide patching trim as required.

DRAWINGS:

A-001: Drawing index updated.

A-506: Details 5, 6 & 7 added for retaining wall architectural info.

P-1: Plumbing General Notes and Demolition Notes revised.

P-2: Plumbing demolition scope revised at water service entrance.

P-6: Domestic water piping revised.

P-7: Domestic water piping revised.

P-8: Fixture schedule revised. Water service and flushometer wiring detail removed.

SPECIFICATIONS

1. Section 224213.13 "Commercial Water Closets": Revised fixture specs.

REQUESTS FOR SUBSTITUTION:

None.

END. MG ARCHITECTS, LTD.

SOG/lev

Attachments:

- Specification section 224213.13 (Rev 1) " Commercial Water Closets."
- Updated Drawings:
 - o A-001
 - o A-506
 - o P-1
 - o P-2
 - o P-6
 - o P-7
 - o P-8

SECTION 224213.13

COMMERCIAL WATER CLOSETS (REVISION 1 – 10-02-2024)

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
 - A. Drawings and general provisions of the Contract, including General and supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 SUMMARY
 - A. Section Includes:
 - 1. Water closets.
 - Flushometer valves.
 - Toilet seats.
- 1.3 ACTION SUBMITTALS
 - A. Product Data: For each type of product.
- 1.4 CLOSEOUT SUBMITTALS
 - A. Operation and Maintenance Data.

PART 2 - PRODUCTS

- 2.1 FLOOR-MOUNTED WATER CLOSETS
- A. Water Closets: Floor mounted, floor outlet, close coupled (gravity tank), vitreous china.
 - 1. <u>Basis-of-Design Product</u>: Subject to compliance with requirements, provide American Standard model scheduled or comparable product by one of the following:
 - a. Kohler
 - b. Sloan
 - c. Toto
 - 2. Bowl:
 - a. Standards: ASME A112.19.2/CSA B45.1 and ASME A112.19.5, and ASSE 1037.
 - b. Bowl Type: Siphon jet.
 - c. Height: As scheduled

- d. Rim Contour: Elongated.
- e. Water Consumption: As Scheduled
- f. Color: White.
- 3. Tank:
 - a. Refer to fixture schedule on drawings for hand lever locations.
- 4. Supply Fittings:
 - a. ASME A112.18.1/CSA B125.1.
 - b. Supply Piping: Chrome-plated-brass pipe or chrome-plated-copper tube matching water-supply piping size. Include chrome-plated wall flange.
 - c. Stop: Chrome-plated-brass, one-quarter-turn, ball-type or compression stop with inlet connection matching water-supply piping type and size.
 - 1. Operation: Loose key.
 - d. Riser:
 - 1. Size: NPS 1/2.
 - 2. Material: Chrome-plated, soft-copper flexible tube or ASME A112.18.6, braided or corrugated stainless steel flexible hose riser.
- B. Water Closets: Floor mounted, floor outlet, cistern tank toilet, 16 gage stainless steel.
 - 1. <u>Basis-of-Design Product</u>: Subject to compliance with requirements, provide Whitehall model scheduled or comparable product by one of the following:
 - a. Acorn Engineering
 - b. Willoughby
 - 2. Bowl:
 - a. Standards: ASME A112.19.3
 - b. Bowl Type: Siphon jet.
 - c. Height: As scheduled
 - d. Rim Contour: Elongated.
 - e. Water Consumption: As Scheduled
 - f. Color: White.
 - 3. Tank:
 - a. Refer to fixture schedule on drawings for hand lever locations.
 - 4. Supply Fittings:
 - a. ASME A112.18.1/CSA B125.1.
 - b. Supply Piping: Chrome-plated-brass pipe or chrome-plated-copper tube matching water-supply piping size. Include chrome-plated wall flange.
 - c. Stop: Chrome-plated-brass, one-quarter-turn, ball-type or compression stop with inlet connection matching water-supply piping type and size.
 - 1. Operation: Loose key.
 - d. Riser:

- 1. Size: NPS 1/2.
- 2. Material: Chrome-plated, soft-copper flexible tube or ASME A112.18.6, braided or corrugated stainless steel flexible hose riser.
- e. Seat: Furnished with toilet

2.2 FLUSHOMETER VALVES

- A. P-1 and P-2: Exposed Electronic, Battery Powered, Sensor Operated.
- B. P-16: Concealed Electronic, Hard Wired, Sensor Operated.
- C. Reference: Sloan Model G2. Or comparable product by one of the following
 - 1. American Standard
 - 2. Kohler
 - 3. Sloan
 - 4. Toto

2.3 TOILET SEATS

A. Toilet Seats:

- 1. Basis-of-Design Product: Subject to compliance with requirements, provide American Standard model scheduled or comparable product by one of the following:
 - a. Bemis Manufacturing Company.
 - b. Church Seats.
 - c. Olsonite Seat Co.
- 2. Standard: IAPMO/ANSI Z124.5.
- 3. Material: Plastic, anti-microbial protected.
- 4. Type: Commercial (Standard).
- 5. Shape: Elongated rim, open front.
- 6. Hinge: Self-sustaining.
- 7. Hinge Material: Noncorroding metal.
- 8. Color: White.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Water-Closet Installation:

- 1. Install level and plumb according to roughing-in drawings.
- Install accessible water closets at mounting height for handicapped/elderly, according toICC/ANSI A117.1.

B. Support Installation:

- 1. Install supports, affixed to building substrate, for floor-mounted water closets.
- 2. Use carrier supports with waste-fitting assembly and seal.

3. Install wall-mounted, back-outlet water-closet supports with waste-fitting assembly and waste-fitting seals; and affix to building substrate.

C. Flushometer-Valve Installation:

- 1. Install flushometer-valve, water-supply fitting on each supply to each water closet.
- 2. Attach supply piping to supports or substrate within pipe spaces behind fixtures.
- 3. Install actuators in locations that are easy for people with disabilities to reach.
- Install toilet seats on water closets.
- E. Joint Sealing:
 - 1. Seal joints between water closets and walls and floors using sanitary-type, one-part, mildew-resistant silicone sealant. Match sealant color to water-closet color.

3.2 CONNECTIONS

- A. Connect water closets with water supplies and soil, waste, and vent piping. Use size fittings required to match water closets.
- B. Comply with water piping requirements specified in Section 221116 "Domestic Water Piping.".
- C. Comply with soil and waste piping requirements specified in Section 221316 "Sanitary Waste and Vent Piping.".
- D. Where installing piping adjacent to water closets, allow space for service and maintenance.

3.3 ADJUSTING

- A. Operate and adjust water closets and controls. Replace damaged and malfunctioning water closets, fittings, and controls.
- B. Adjust water pressure at flushometer valves to produce proper flow.

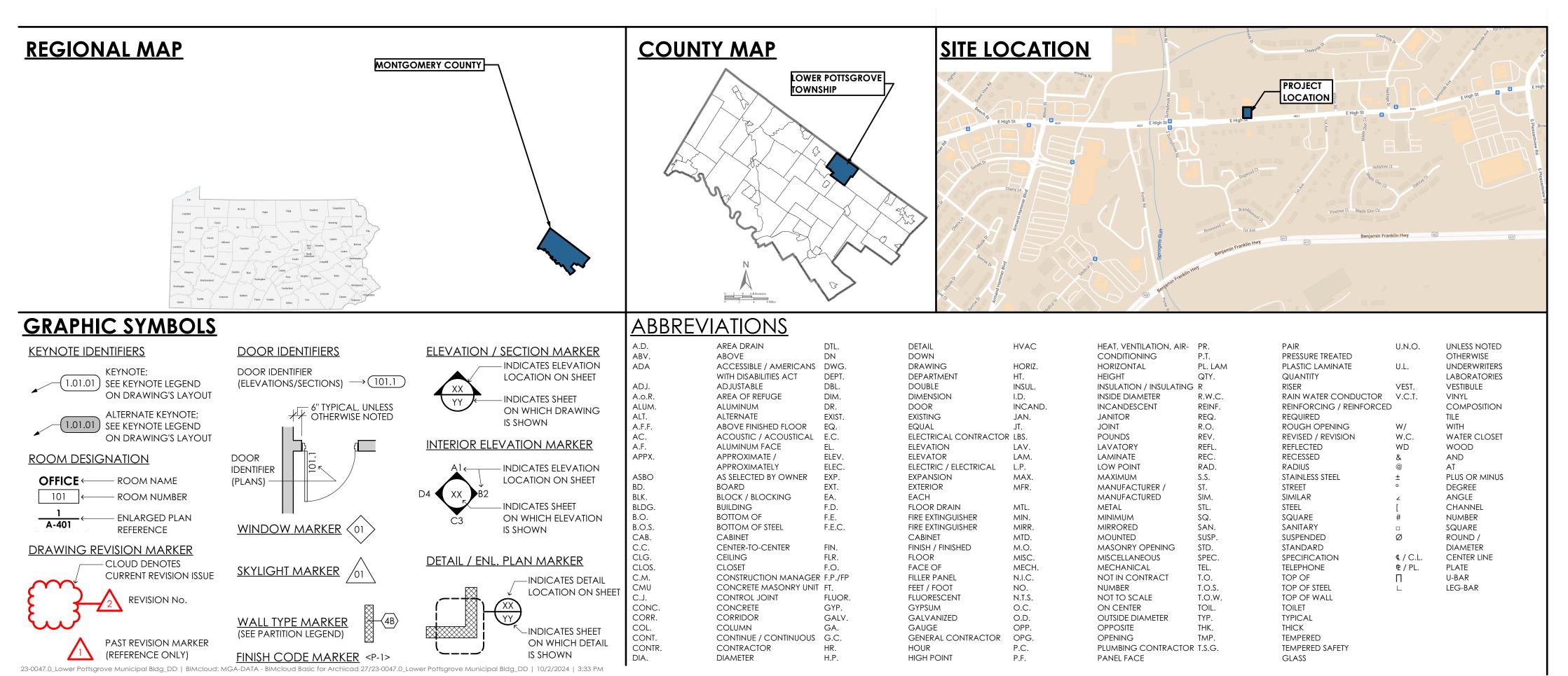
3.4 CLEANING AND PROTECTION

- A. Clean water closets and fittings with manufacturers' recommended cleaning methods and materials.
- B. Install protective covering for installed water closets and fittings.
- C. Do not allow use of water closets for temporary facilities unless approved in writing by Owner.

END OF SECTION 22421

LOWER POTTSGROVE MUNICIPAL BUILDING & POLICE STATION





PROJECT DIRECTORY

LOWER POTTSGROVE TOWNSHIP 2199 BUCHERT ROAD POTTSTOWN PA 19646 CONTACT: CHRISTOPHER CAGGIANO PHONE: 610-310-1759 FAX: EMAIL: ccaggiano1@gmail.com

MUHLENBERG/GREENE ARCHITECTS LTD. 1268 PENN AVENUE WYOMISSING PA 19610

PHONE: 610.376.4927 FAX: 610.376.0720 CONTACT: SCOTT O. GRAHAM AIA, LEED AP BD+C, NCAR EMAIL: ScottG@MG-Architects.com

C-004 E&S CONTROL PLAN

AS-1 ARCHITECTURAL SITE PLAN & DETAILS

AS-101 SITE LOGISTICS PLAN

C-005 CONSTRUCTION DETAILS

GRADING & DRAINAGE PLAN

AD-1 ARCHITECTURAL DEMOLITION & ABATEMENT PLANS

AD-102 SECOND FLOOR DEMOLITION PLAN

AD-101 FIRST FLOOR DEMOLITION PLAN

FIRST FLOOR PLAN

A-201 DEMOLITION ELEVATIONS

BUILDING SECTIONS

WALL SECTIONS

ELEVATIONS

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A-504 DETAILS

A-505 DETAILS

A-506 DETAILS

A-7 FINISH PLANS

A-6 SCHEDULES & DIAGRAMS

CASEWORK DETAILS

MASONRY DETAILS

A-503 TILE ELEVATIONS AND DETAILS

DOOR SCHEDULE

AND DETAILS

A-704 FIRST FLOOR FINISH PLAN

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S-104 ROOF FRAMING PLAN

S-105 ROOF FRAMING PLAN

S-300 SECTIONS AND DETAILS

S-301 SECTIONS AND DETAILS

S-302 SECTIONS AND DETAILS

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A-707 FINISHES SCHEDULE

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M MECHANICAL DRAWINGS

E ELECTRICAL DRAWINGS

P PLUMBING DRAWINGS

A-706 SECOND FLOOR FINISH PLAN

A-701 FIRST FLOOR REFLECTED CEILING PLAN

A-702 FIRST FLOOR REFLECTED CEILING PLAN

FIRST FLOOR FINISH PLAN

A-703 SECOND FLOOR REFLECTED CEILING PLAN

FIRST FLOOR/ FOUNDATION PLAN

SECOND FLOOR FRAMING PLAN

MECHANICAL LEGEND AND NOTES

MECHANICAL FIRST FLOOR DEMOLITION

MECHANICAL FIRST FLOOR NEW WORK

MECHANICAL VRF PIPING DIAGRAM

ELECTRICAL LEGEND & ABBREVIATIONS

ELECTRICAL FIRST FLOOR POWER & SIGNAL

E-9 ELECTRICAL SECOND FLOOR MECH POWER B00

E-12 ELECTRICAL LIGHTING SCHEDULE AND DETAILS B01

ELECTRICAL SECOND FLOOR POWER &

ELECTRICAL FIRST FLOOR MECH POWER

MECHANICAL SCHEDULES

MECHANICAL SCHEDULES

E-2 ELECTRICAL FIRST FLOOR DEMOTION

E-4 ELECTRICAL FIRST FLOOR LIGHTING

E-10 ELECTRICAL FIRST FLOOR FIRE ALARM

E-13 ELECTRICAL PANEL SCHEDULES

E-14 ELECTRICAL PANEL SCHEDULES

P-1 PLUMBING LEGEND AND NOTES

P-8 PLUMBING SCHEDULES

DEMOLITION

P-9 PLUMBING DETAILS

FP FIRE PROTECTION DRAWINGS

E-15 ELECTRICAL SINGLE LINE DIAGRAM

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P-4 PLUMBING FIRST FLOOR SANITARY & VENT

P-7 PLUMBING SECOND FLOOR WATER & GAS

FIRE PROTECTION SECOND FLOOR

FP-3 FIRE PROTECTION FIRST FLOOR NEW WORK

P-6 PLUMBING FIRST FLOOR WATER & GAS

P-5 PLUMBING SECOND FLOOR SANITARY & VENT BOO

FP-1 FIRE PROTECTION FIRST FLOOR DEMOLITION B01

FP-4 FIRE PROTECTION SECOND FLOOR NEW WORK B01

E-11 ELECTRICAL SECOND FLOOR FIRE ALARM

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MECHANICAL SECOND FLOOR NEW WORK

MECHANICAL SECOND FLOOR DEMOLITION BOO

A-202 ELEVATIONS

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SECOND FLOOR PLAN

EXISTING ATTIC ROOF PLAN

FIRST FLOOR PARTITION PLAN

FIRST FLOOR PARTITION PLAN

PROPOSED ADDITION ROOF PLAN

SECOND FLOOR PARTITION PLAN

CONFERENCE ROOM INTERIOR ELEVATIONS

CAUCUS ROOM DETAILS AND INTERIOR

PARTITION SCHEDULE, NOTES & DETAILS

DOOR HARDWARE AND WINDOW SCHED

MEETING ROOM/DAIS DETAILS AND INTERIOR

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A-101

A-2 ELEVATIONS

A-3 SECTIONS

A-302

A-404

A-5 DETAILS

A-4 ENLARGED PLANS

STRUCTURAL ENGINEER

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CIVIL ENGINEER McCarthy engineering associates, inc.

1011 N PARK RD., SUITE 100 WYOMISSING PA, 19610 CONTACT: JAMES McCARTHY, PE PHONE: 610.373.8001 FAX: 610.373.8077 EMAIL: jmccarthy@mccarthy-engineering.com

GENERAL NOTES

EACH PRIME CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK OR PURCHASING ANY MATERIALS. VERIFY LAYOUT IN RELATION TO PROPERTY LINES, BENCH MARKS, OR OTHER FIXED CONDITIONS AND REPORT DISCREPANCIES TO ARCHITECT IMMEDIATELY UPON DISCOVERY.

- NOTIFY ARCHITECT OF DISCREPANCIES REGARDING THE CONTRACT DOCUMENTS OR DESIGN INTENT IMMEDIATELY UPON DISCOVERY. CONTRACTOR SHALI BE RESPONSIBLE TO OBTAIN CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK OR RELATED WORK
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE WORK SITE IN A CLEAN AND ORDERLY MANNER AND ALLOW FOR SAFE USE OF PREMISES BY THE OWNER AND VISITORS.
- 4. EACH PRIME CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SITE SAFETY, EROSION AND SEDIMENTATION CONTROL AND COORDINATING WITH THE WORK OF OTHER TRADES.
- GENERAL CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
- 6. ALL REFUSE SHALL BE THE RESPONSIBILITY OF EACH PRIME CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE IN A LEGAL MANNER.
- SKILLED WORKERS: EACH PRIME CONTRACTOR SHALL PROVIDE WORKERS EXPERIENCED IN THE TRADES AND ACTIVITIES TO BE PERFORMED AND BE FAMILIAR WITH THE PRODUCTS, MATERIALS, AND FINISHES INVOLVED IN THE SCOPE OF WORK OF THIS PROJECT.
- 8. EACH PRIME CONTRACTOR SHALL PATCH ALL DISTURBED AREAS TO MATCH EXISTING, AND REPAIR OR REPLACE ANY DAMAGE TO THE SITE CAUSED BY CONSTRUCTION.
- GENERAL CONTRACTOR SHALL PLAN THE SCHEDULE OF ACTIVITIES TO MAINTAIN THE SECURITY OF THE BUILDING THROUGHOUT THE CONSTRUCTION PROCESS. GENERAL CONTRACTOR SHALL LOCK AND SECURE PROJECT AREA AT THE END OF EACH WORK
- 10. GENERAL CONTRACTOR TO ENSURE THAT ALL WORK AREAS, INCLUDING THOSE ON ROOFS, SHALL BE IN COMPLIANCE WITH OSHA STANDARDS AND REQUIREMENTS, INCLUDING ANY FLAGGING, TIE-OFFS, AND TEMPORARY BARRIERS.
- 11. THE OWNER RESERVES THE RIGHT TO KEEP ANY ITEMS REMOVED AS SCHEDULED IN THE DOCUMENTS FOR REMOVAL.

	PROJECT DRAWING LIS	ST			
ID	NAME	CURRENT REVISION ID	LATEST ISSUE ID	LATEST ISSUE DATE	中
-0 GENERAL	& CODE INFO				
A-001	GENERAL INFORMATION	B04	B04	10/2/2024	
A-002	CODE SUMMARY	B00	B00	9/3/2024	
A-003	FIRST FLOOR LIFE SAFETY PLANS	B01	B02	9/26/24	
A-004	SECOND FLOOR LIFE SAFETY PLAN	B01	B02	9/26/24	
A-005	ACCESSIBILITY AND CODE DETAILS	B00	B00	9/3/2024	
A-006	ACCESSIBILITY AND CODE DETAILS	B00	B00	9/3/2024	ARCHITECTS
A-007	SIGNAGE DETAILS	B00	B00	9/3/2024	/ / K C I II I L C I S
A-008	SIGNAGE DETAILS	B01	B02	9/26/24	ARCHITECTURAL DESIG
A-009	SIGNAGE DETAILS				INTERIOR DESIGN CODE ANALYSIS PLANNING SERVICES
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C-001	SITE PLAN	B00	B00	9/3/2024	ENGINEERING SERVICE
C-002	EXISTING CONDITIONS PLAN	B00	B00	9/3/2024	HISTORIC PRESERVATIO

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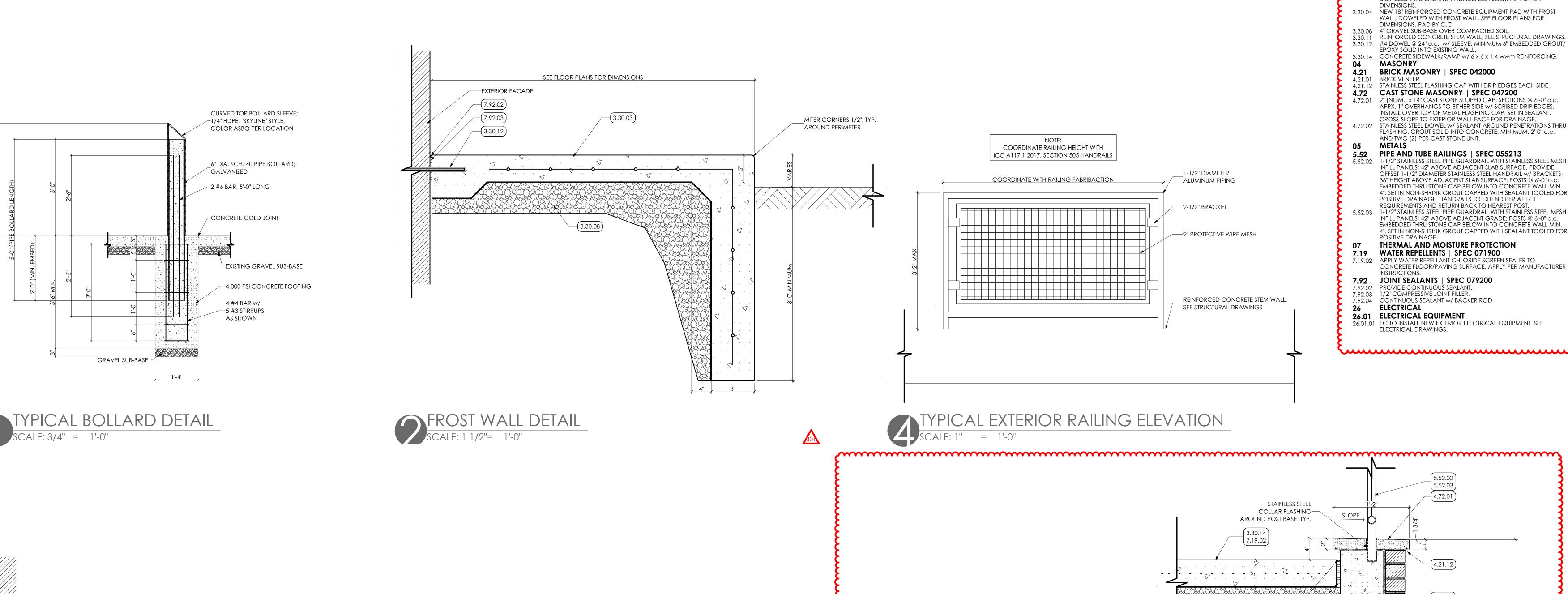
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ID	DESCRIPTION	DATE
300	ISSUED FOR BID/PERMIT	9/3/2024
B01	ADDENDUM 3 REVISIONS	9/20/2024
B02	ADDENDUM 4 REVISIONS	9/26/24
В03	ADDENDUM 5 REVISIONS	9/30/2024
B04	ADDENDUM 6 REVISIONS	10/2/2024

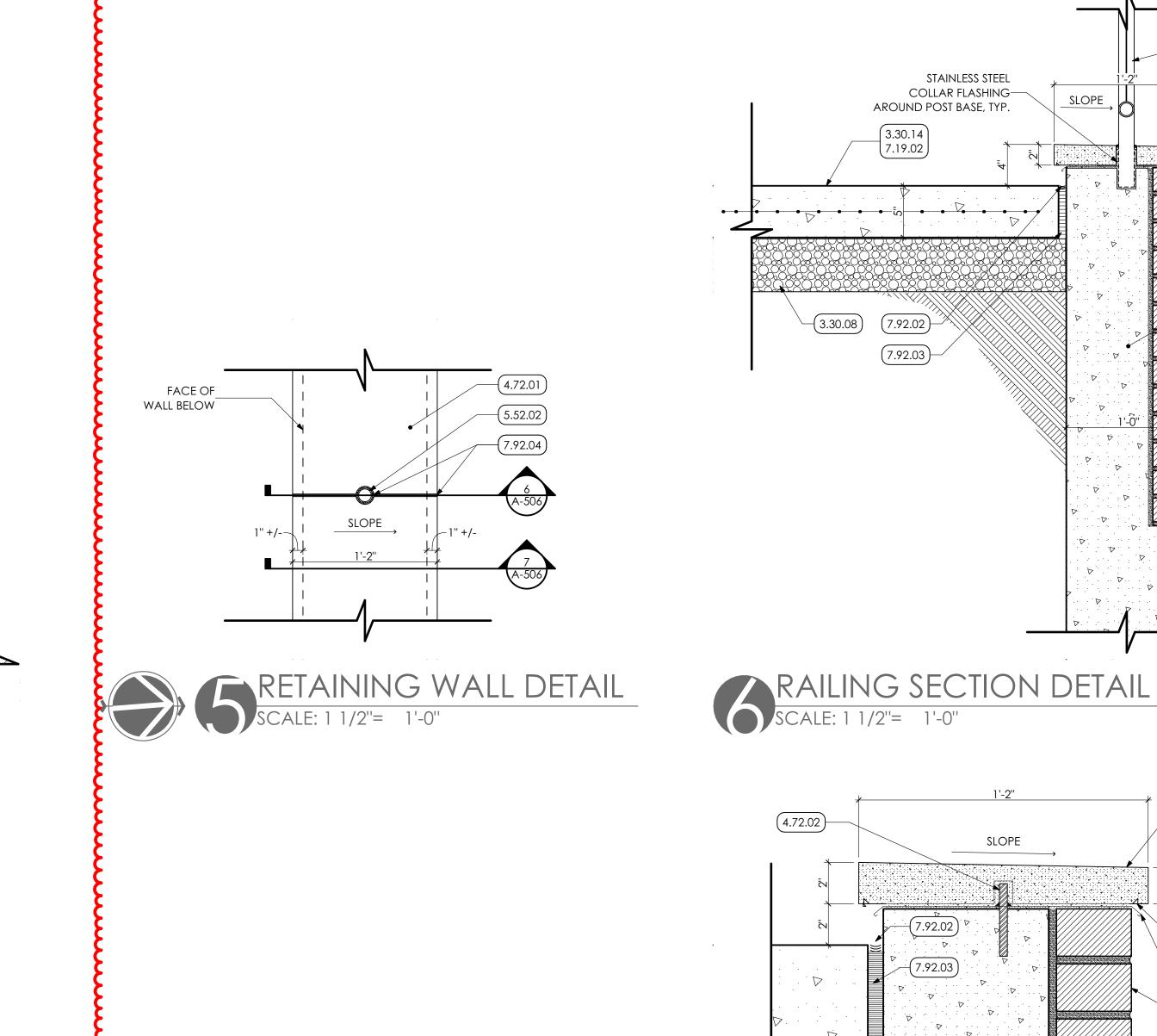
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e-MAIL: GRACEC@MG-ARCHITECTS.CC
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CLIENT PROJ #: -
VERIFY SCALE 1

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> GENERAL INFORMATION

SHEET TITLE:







DOWELED INTO EXISTING FACADE. SEE FLOOR PLANS FOR

WALL; DOWELED WITH FROST WALL. SEE FLOOR PLANS FOR

APPX. 1" OVERHANGS TO EITHER SIDE W/ SCRIBED DRIP EDGES. INSTALL OVER TOP OF METAL FLASHING CAP, SET IN SEALANT.

INFILL PANELS; 42" ABOVE ADJACENT SLAB SURFACE. PROVIDE

36" HEIGHT ABOVE ADJACENT SLAB SURFACE; POSTS @ 6'-0" o.c.

POSITIVE DRAINAGE. HANDRAILS TO EXTEND PER A117.1 REQUIREMENTS AND RETURN BACK TO NEAREST POST.

THERMAL AND MOISTURE PROTECTION

EMBEDDED THRU STONE CAP BELOW INTO CONCRETE WALL MIN.

EMBEDDED THRU STONE CAP BELOW INTO CONCRETE WALL MIN. 4". SET IN NON-SHRINK GROUT CAPPED WITH SEALANT TOOLED FOR

CONCRETE FLOOR/PAVING SURFACE. APPLY PER MANUFACTURER

4". SET IN NON-SHRINK GROUT CAPPED WITH SEALANT TOOLED FOR

OFFSET 1-1/2" DIAMETER STAINLESS STEEL HANDRAIL W/ BRACKETS:

CROSS-SLOPE TO EXTERIOR WALL FACE FOR DRAINAGE.

DIMENSIONS.

METALS

POSITIVE DRAINAGE.

ELECTRICAL DRAWINGS.

SCRIBED DRIP EDGE

EACH SIDE

4.21.12

RETAINING WALL CAP DETAIL

INSTRUCTIONS.

DIMENSIONS. PAD BY G.C.

EPOXY SOLID INTO EXISTING WALL.

AND TWO (2) PER CAST STONE UNIT.

ARCHITECTURAL DESIGN INTERIOR DESIGN CODE ANALYSIS PLANNING SERVICES REPORTS AND STUDIES ENGINEERING SERVICES HISTORIC PRESERVATION

> 1268 PENN AVENUE WYOMISSING, PA 19610 610.376.4927 www.MG-Architects.com

PROJECT #: 23-0047.0

5.52.03 1-1/2" STAINLESS STEEL PIPE GUARDRAIL WITH STAINLESS STEEL MESH PROFESSIONAL SEAL INFILL PANELS; 42" ABOVE ADJACENT GRADE; POSTS @ 6'-0" o.c.

SCOTT O. GRAHAM AIA, LEED AP BD+C, NCARB

ScottG@MG-Architects.com LOWER POTTSGROVE TWE

contact: CHRISTOPHER CAGGIANO 2199 BUCHERT ROAD POTTSTOWN, PA 19646 610-310-1759 ccaggiano1@gmail.com

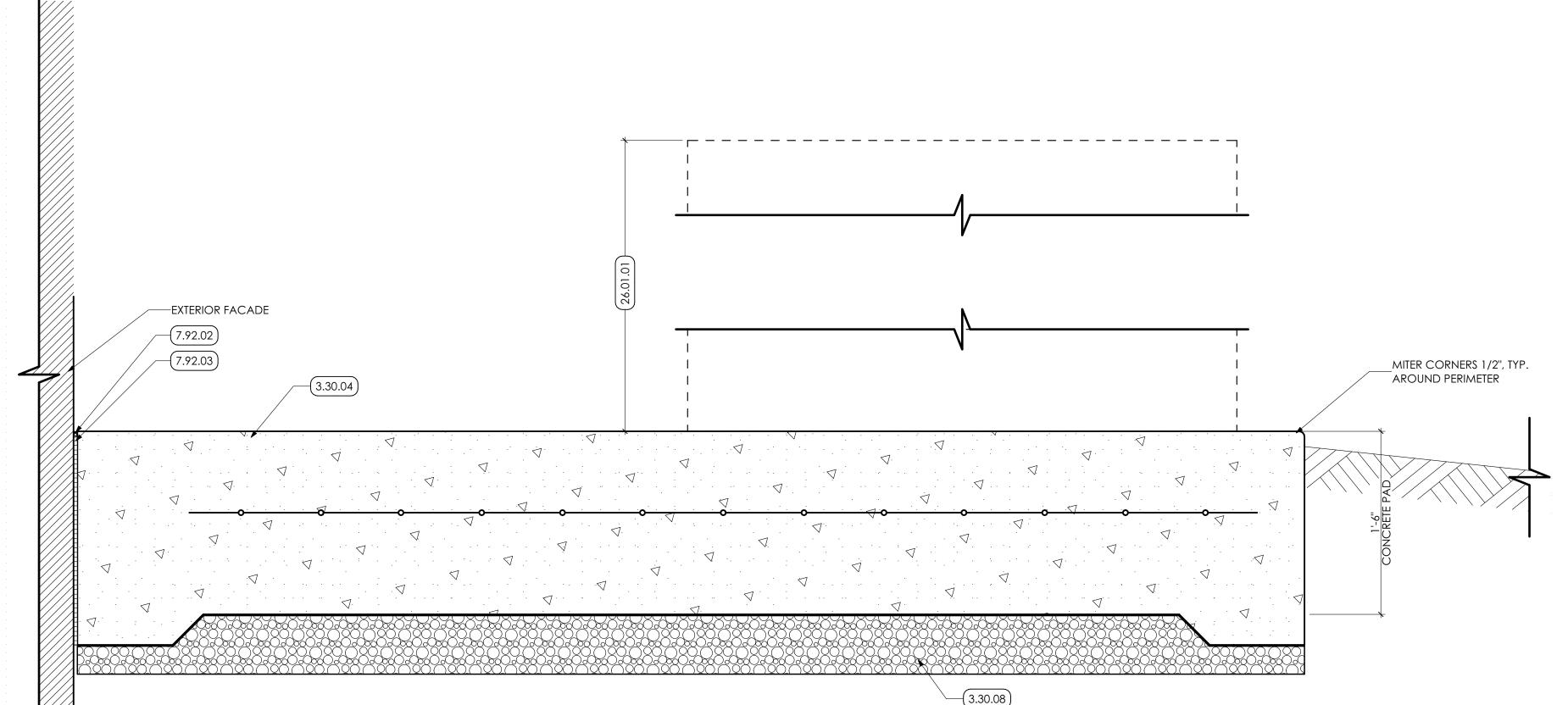
	CONSTRUCTION DOCUM REVISION HISTORY	IENTS
ID	DESCRIPTION	DAT
B00	ISSUED FOR BID/PERMIT	9/3/20
B01	ADDENDUM 6 REVISIONS	10/2/2

DRAWN BY: JNS, JMS CLIENT PROJ #: -

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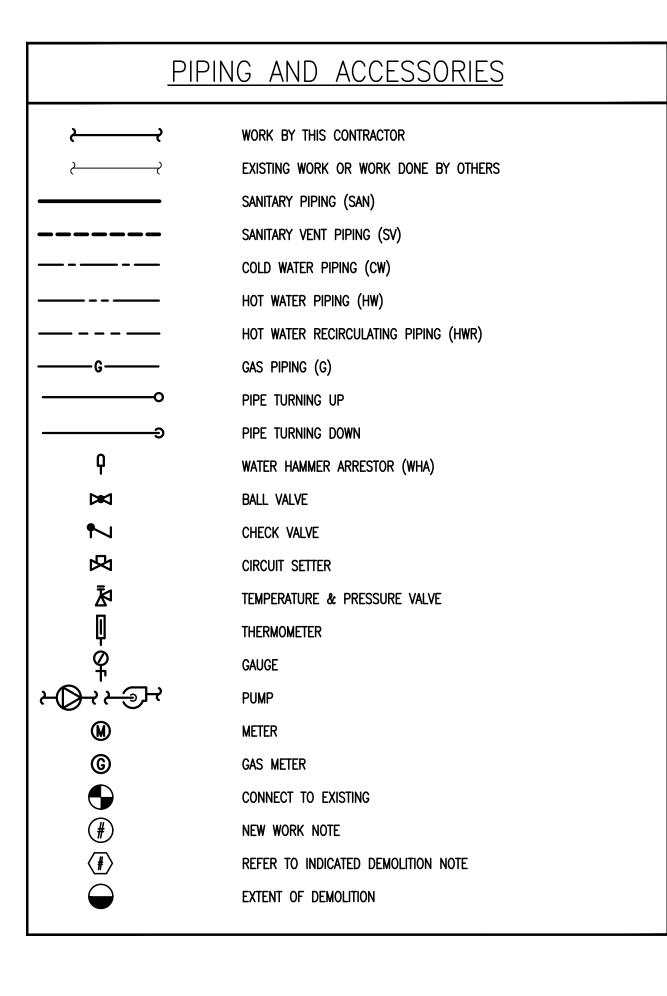
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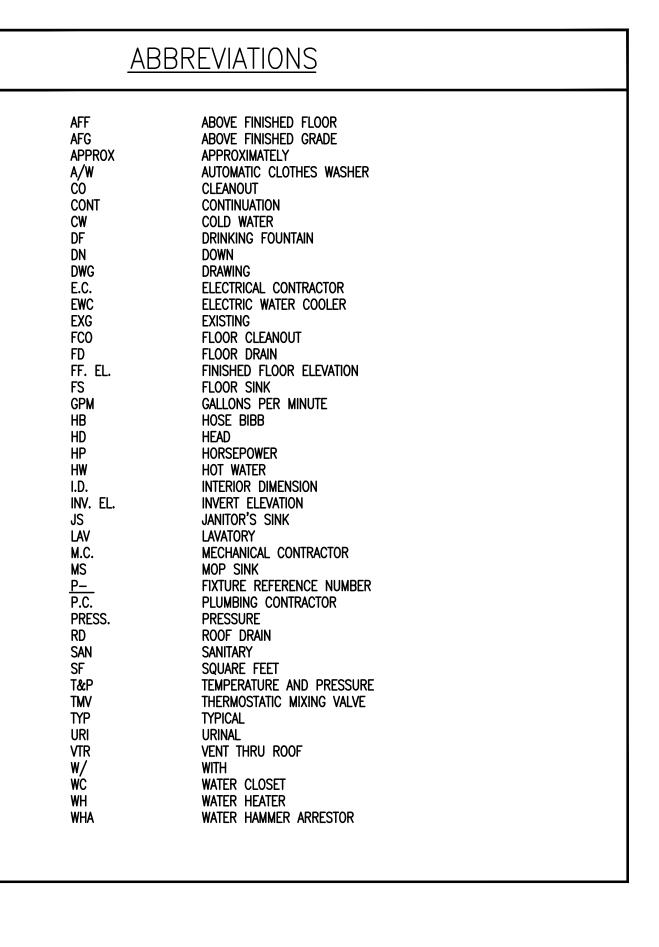
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EQUIPMENT CONCRETE SLAB DETAIL

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PLUMBING GENERAL NOTES:

- 1. ALL PLUMBING WORK SHALL CONFORM TO THE LATEST PENNSYLVANIA UNIFORM CONSTRUCTION CODE AND PLUMBING CODE (2018 INTERNATIONAL PLUMBING CODE) AND SUBSEQUENT CODE ORDINANCE
- 2. DRAWINGS ARE DIAGRAMMATIC. COORDINATE ALL EQUIPMENT LOCATIONS AND PIPE ROUTING WITH OTHER TRADES AND ARCHITECTURAL DETAILS PRIOR TO INSTALLATION.
- 3. VERIFY LOCATIONS, MOUNTING HEIGHTS, TRIM LOCATIONS, ETC. FOR ALL PLUMBING FIXTURES WITH THE ARCHITECT PRIOR TO INSTALLATION. \underline{P} — DESIGNATES FIXTURE AND FIXTURE TRIM. MOUNTING OF ALL ADA FIXTURES AND RELATED TRIM TO MEET THE AMERICAN DISABILITIES ACT GUIDELINES AND ANSI REQUIREMENTS FOR PEOPLE WITH DISABILITIES.
- 4. CONCEAL ALL PIPING IN WALLS/CHASE SPACE, BELOW FLOORS, AND ABOVE CEILINGS UNLESS OTHERWISE NOTED. INSTALL ALL WATER SUPPLY PIPING IN EXTERIOR WALLS ON THE INSIDE (WARM SIDE) OF THE BUILDING INSULATION. SEAL ALL PIPING PENETRATIONS THROUGH RATED ASSEMBLIES ACCÓRDINGLY. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SOUND RATED PARTITIONS, CEILINGS, AND FLOORS.
- 5. SEE PLUMBING FIXTURE PIPING SCHEDULE FOR FIXTURE BRANCH COLD WATER, HOT WATER, SOIL, WASTE, AND VENT PIPE SIZES.
- 6. LOCATION AND SIZE OF EXISTING SANITARY MAIN HAS NOT BEEN VERIFIED. PRIOR TO INSTALLATION OF NEW SANITARY PIPING CONTRACTOR SHALL SCOPE AND DOCUMENT LOCATION AND CONDITION OF EXISTING SANITARY MAIN.
- 7. THE PLUMBING CONTRACTORS UTILITIES WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: WATER SERVICE - EXISTING DOMESTIC WATER SERVICE TO REMAIN. DRAINAGE SYSTEMS — PROVIDE NEW SANITARY BUILDING DRAIN TO CONNECT TO EXISTING SANITARY BUILDING SEWER. COORDINATE CONNECTION POINT WITH CIVIL DRAWINGS AND SITE CONTRACTOR. GAS SYSTEM (NATURAL) - COORDINATION OF GAS SERVICE UPGRADE WITH LOCAL UTILITY AND NEW DEDICATED GAS PIPING AND CONNECTIONS FROM BUILDING SIDE OF METER.
- 8. CONTRACTOR SHALL NOT INSTALL PIPING, EQUIPMENT, ETC. ABOVE ANY ELECTRICAL PANEL. CONTRACTOR SHALL COORDINATE DEDICATED ELECTRICAL SPACE WITH ELECTRICAL CONTRACTOR.

GENERAL DEMOLITION NOTES:

- 1. ANY EXISTING PIPING INFORMATION SHOWN ON THESE DRAWINGS IS FROM INFORMATION GATHERED FROM LIMITED FIELD SURVEY AND/OR ORIGINAL DESIGN DOCUMENTS. PRIOR TO BEGINNING DEMOLITION WORK, CONTRACTOR SHALL VERIFY ALL PIPING LOCATIONS, SIZES, INVERTS AND DIRECTION OF FLOW AS REQUIRED TO COMPLETE THE NEW WORK.
- . WHERE IT IS INDICATED THAT PIPING IS TO BE REMOVED IN ITS ENTIRETY, THIS SHALL MEAN THAT THE PIPING, INSULATION, HANGERS, VALVES, ACCESSORIES, ETC. SHALL BE REMOVED FROM THE POINT OF ORIGIN TO THE TERMINATION POINT. PIPING EMBEDDED IN WALLS OR FLOORS NOT BEING DEMOLISHED MAY BE ABANDONED IN PLACE AS LONG AS THE ENDS ARE SATISFACTORILY CLOSED, WILL NOT IMPEDE NEW CONSTRUCTION AND IS REMOVED TO THE
- 3. EQUIPMENT, PIPING AND/OR ACCESSORIES INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY EVEN IF A PORTION OF THE SYSTEM IS OUTSIDE THE DEFINED AREA OF
- WHICH SERVE AREAS OUTSIDE OF THE AREA OF DEMOLITION SHALL BE RETAINED UNLESS NOTED OTHERWISE. PIPING SYSTEMS OR PORTIONS THEREOF WHICH CONNECT TO FIXTURES OR EQUIPMENT IN THE AREA OF DEMOLITION WHICH IS TO REMAIN, SHALL BE RETAINED, UNLESS OTHERWISE NOTED. PORTIONS OF PIPING SYSTEMS WHICH CONFLICT WITH CLEARANCES FOR NEW CONSTRUCTION SHALL BE REMOVED AND RELOCATED TO MAINTAIN THE FUNCTIONALITY OF THE SYSTEM.
- APPLY TO ALL ROOMS/AREAS WITHIN THE AREA OF DEMOLITION. OTHER INDIVIDUAL DRAWING DEMOLITION NOTES ARE IN ADDITION TO THOSE UNDER THE AREA IDENTIFICATION AND APPLY ONLY TO ITEMS IDENTIFIED.
- DURING DEMOLITION WORK ALL PLUMBING SYSTEMS OR BUILDING SERVICES SERVING OCCUPIED AREAS SHALL BE MAINTAINED OPERATIONAL. WHERE SYSTEM OR SERVICE INTERRUPTIONS ARE
- 8. OWNER EQUIPMENT SHALL BE RETURNED TO OWNER, UNLESS OTHERWISE DIRECTED.
- 10. NOT ALL FIXTURES, PIPING AND EQUIPMENT ARE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE TO DETERMINE THE FULL EXTENT OF DEMOLITION REQUIRED TO COMPLETE BOTH THE DEMOLITION AND NEW WORK.

NEW WORK NOTE:

- (1) HOT WATER MAIN PIPING TO BE RUN DOWN WALL AND BACK UP SO THAT THE BRANCH RUN TO THE LAVATORY SHALL BE NO MORE THAN 2' IN ACCORDANCE WITH THE REQUIREMENTS OF 2018 IECC TABLE C404.5.1
- ELEVATOR PUMP DISCHARGE TO BE ROUTED ABOVE CEILING TO OUTSIDE WALL WITH ELBOW TURNING DOWN 6" ABOVE GRADE. COORDINATE EXACT ROUTING AND DISCHARGE LOCATION IN FIELD WITH OWNER. SUMP PUMP SHALL BE 1/2 HP, 115 VOLT, SINGLE PHASE; MODEL 153, AS MANUFACTURED BY ZOELLER PUMP COMPANY OR APPROVED EQUAL. PUMP SHALL FLOW A MINIMUM OF 50 GPM AT 20 FEET OF HEAD. PROVIDE A CAST IRON CHECK VALVE AT THE

DEMOLITION NOTES:

- TREATMENT EQUIPMENT AND PRESSURE REDUCING VALVE SHALL BE EXISTING TO REMAIN. 3 DISCONNECT AND REMOVE ALL NATURAL GAS PIPING BACK TO METERS. COORDINATE GAS UPGRADE AS REQUIRED WITH THE LOCAL UTILITY.
- DISCONNECT AND REMOVE ALL SANITARY AND VENT PIPING BACK TO SANITARY BUILDING
- 5 DISCONNECT AND REMOVE EXISTING FIXTURE. RETAIN FOR RECONNECTION TO NEW PLUMBING
- PRIOR TO BEGINNING NEW WORK CONTRACTOR SHALL LOCATE AND INSPECT EXISTING SANITARY BUILDING SEWER. IF INVERT ELEVATION IS FOUND TO BE LESS THAN 36" ABOVE FINISHED FLOOR, NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- 7 DISCONNECT AND REMOVE WATER HEATER AND ALL ASSOCIATED PIPING.
- 8 EXISTING WALL HYDRANT TO REMAIN. RETAIN PIPING IN WALL FOR CONNECTION TO NEW DOMESTIC WATER PIPING.

- ACCESSIBLE LOCATION.
- 4. UTILITIES AND PIPING WHICH ORIGINATE IN OR PASS THROUGH THE AREA OF DEMOLITION BUT
- DRAWING DEMOLITION NOTES LISTED UNDER THE DEMOLITION AREA IDENTIFICATION SHALL
- 6. ANY ABANDONED PIPING (OTHER THAN BELOW GRADE SANITARY PIPING), FIXTURES, EQUIPMENT OR ACCESSORIES IN THE AREA OF DEMOLITION, WHETHER IDENTIFIED OR NOT, SHALL BE REMOVED IN THEIR ENTIRETY.
- REQUIRED, COORDINATE WORKING REQUIREMENTS WITH OWNERS REPRESENTATIVE.
- 9. DEMOLISHED MATERIAL SHALL BE REMOVED AND DISPOSED OF IN COMPLIANCE WITH SPECIFICATIONS AND FEDERAL, STATE AND LOCAL CODES.

- DISCONNECT AND REMOVE ALL EXISTING FIXTURES AND ACCESSORIES. REMOVE ALL DOMESTIC WATER PIPING BACK TO MAINS AND CAP. REMOVE ALL SANITARY PIPING BACK TO MAINS AND CAP. REMOVE ALL VENT PIPING BACK TO MAINS AND CAP.
- DISCONNECT AND REMOVE ALL DOMESTIC WATER PIPING BACK TO POINT INDICATED. WATER

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MATTHEW PAGE

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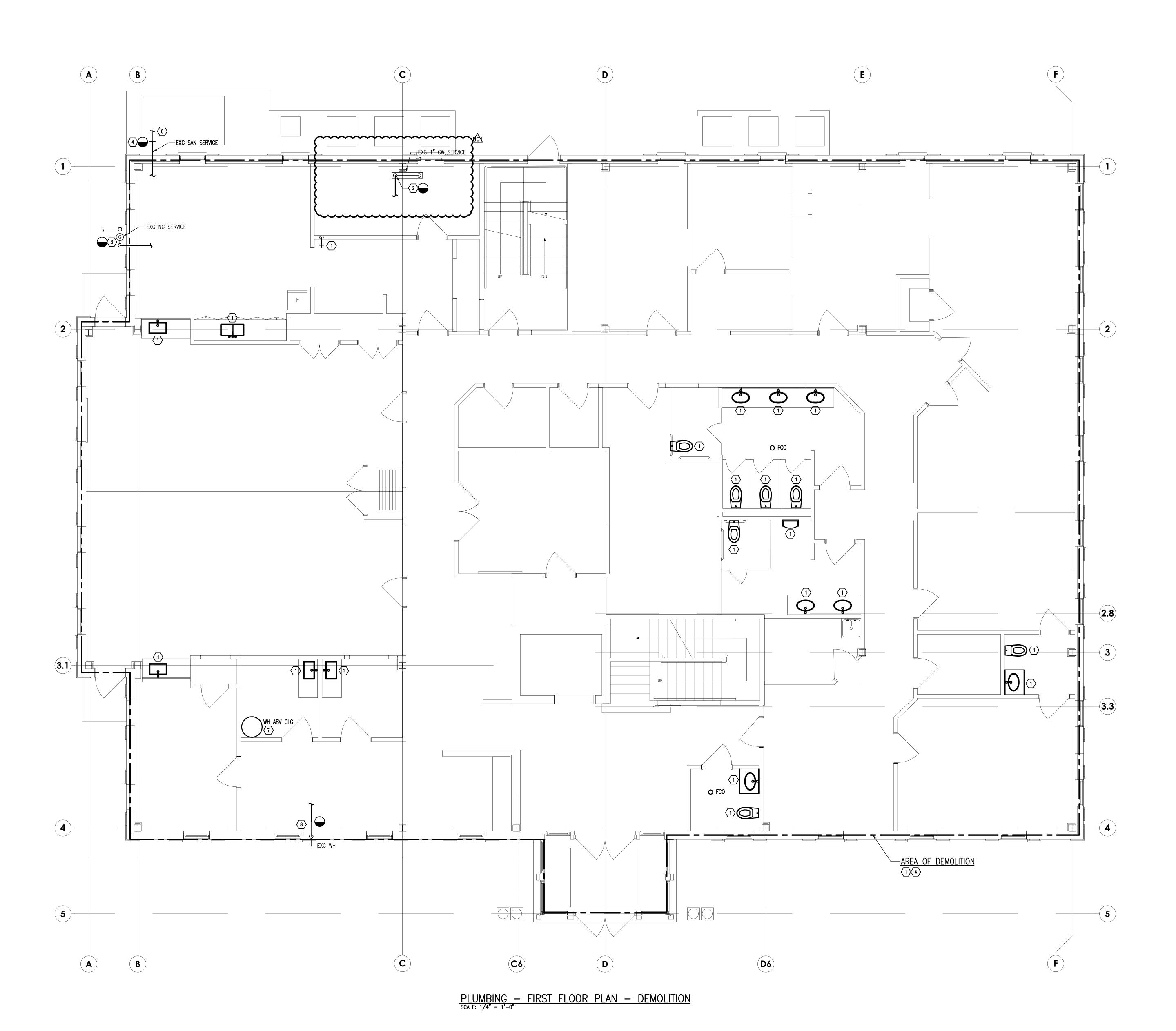
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PLUMBING NOTES



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PLUMBING FIRST FLOOR DEMOLITION

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GENERAL NOTES

REFER TO P-1 FOR LEGEND, GENERAL

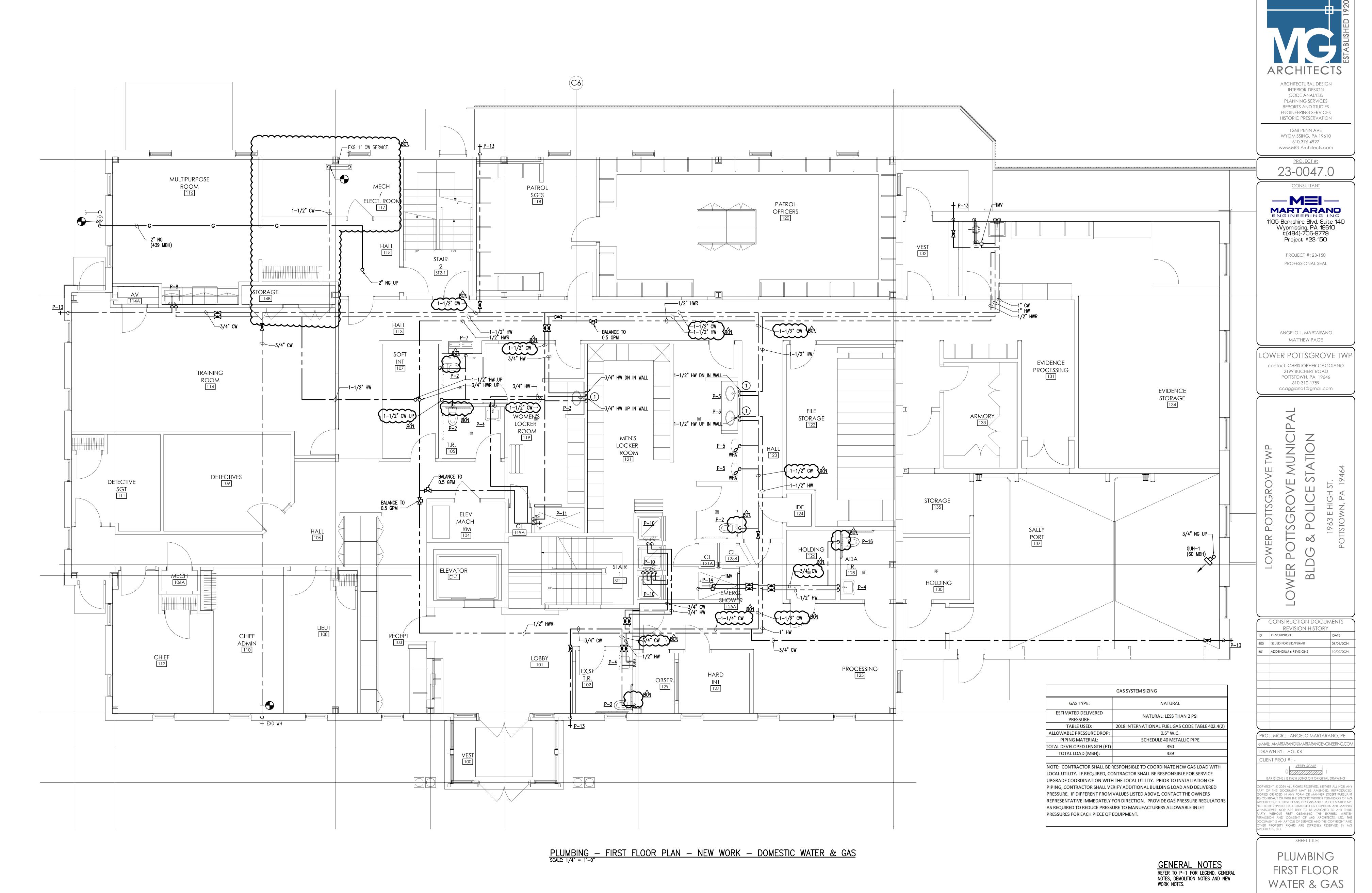
NOTES, DEMOLITION NOTES AND NEW

WORK NOTES.

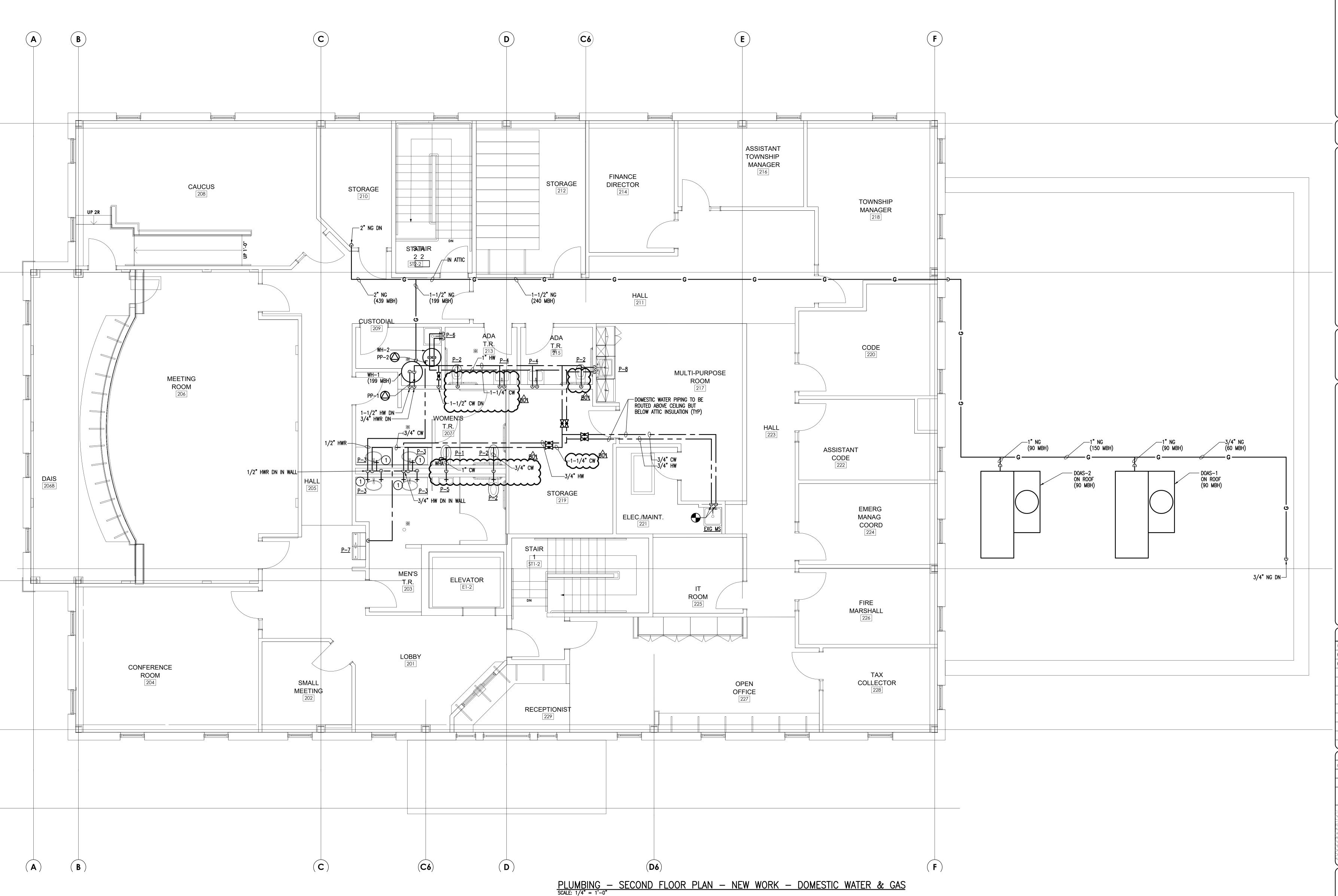
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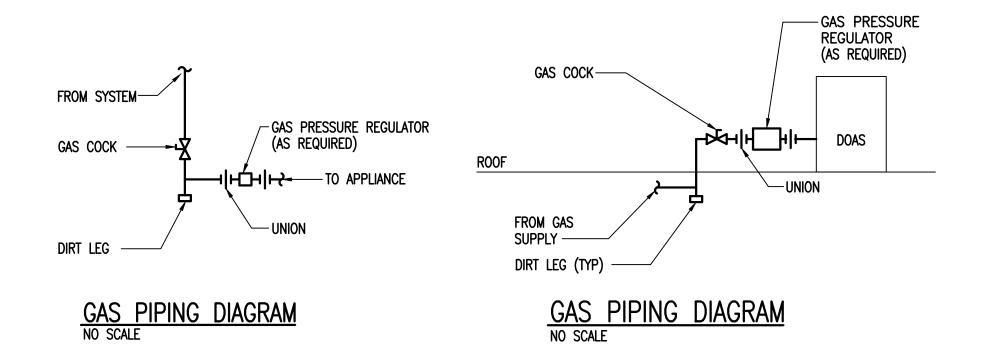
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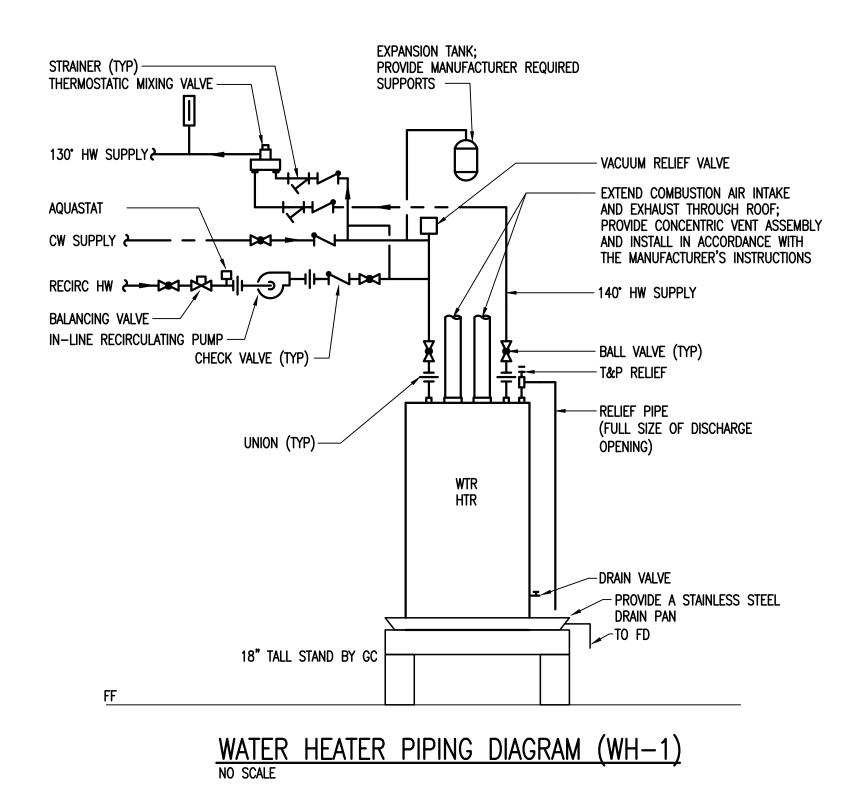
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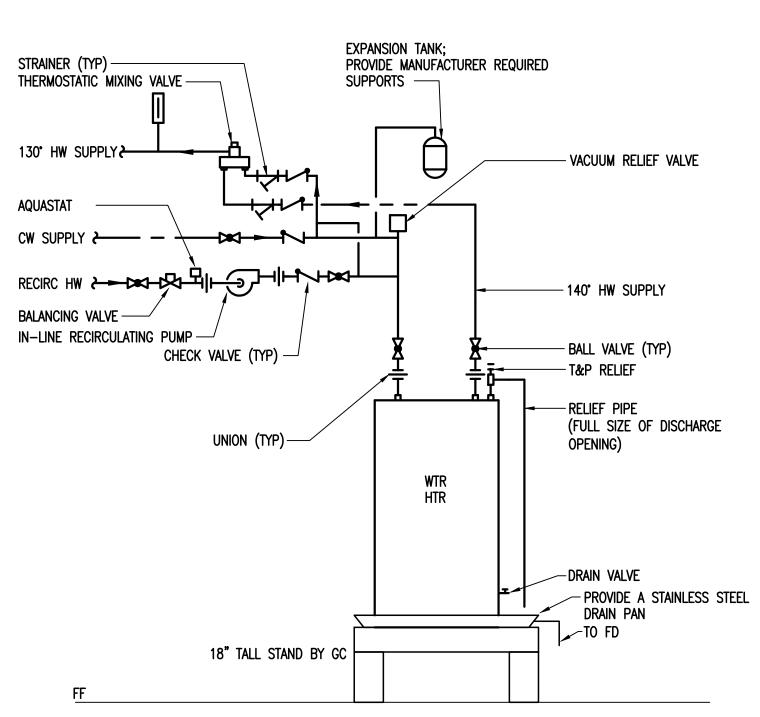
PLUMBING
SECOND FLOOR

P-7

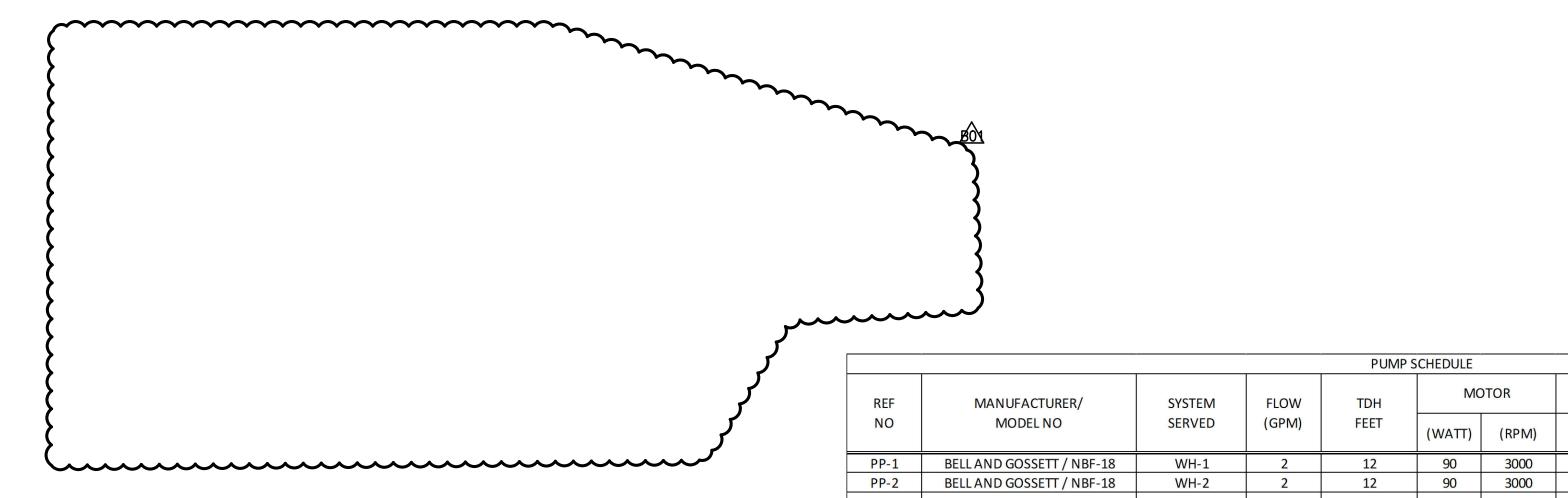
WATER & GAS







WATER	HFATFR	PIPING	DIAGRAM	(WH-2)
**/ \ \		1 11 11 10		$\langle VVVVV \rangle = \langle VVVVV \rangle$



REF NO	MANUFACTURER	MODEL	TANK CAPACITY KW		TEMP	GALLONS PER HR	ELECTRICAL		L		REMARKS
		NO.	GALLON		RISE	RECOVERY	VOLTS PHASE HERT.		HERTZ		
WH-2	BRADFORD WHITE	LE240LN5	31	4.5	90	21	208	1	60	NOTE 1	

ELECTRICAL

CHARACTERISTICS

PHASE

REMARKS

	GAS WATER HEATER SCHEDULE										
REF NO	MANUFACTURER	MODEL NO	TANK CAPACITY GALLON	GAS MBH INPUT	TEMP RISE °F	GALLON PER HOUR RECOVERY	VOLTS	PHASE	L HERTZ	REMARKS	
WH-1	BRADFORD WHITE	EF-100T-199E-5N	100	199	100	235	120	1	60	-	

TAG	FIXTURE	MANUFACTURER	MODEL NO.	GPF/GPM	CW (IN)	HW (IN)	SAN (IN)	VENT (IN)	FINISH	COMMENTS
P-1	WATER CLOSET	AMERICAN STANDARD CHAMPION	211CA.004	1.6 GPF	0.5	-	4	2	WHITE	FLOOR MOUNTED, GRAVITY FLUSH TANK TYPE, MANUAL FLUSH; WITH EVERCLEAN SURFACE
	TOILET SEAT	AMERICAN STANDARD	5901.100SS	-	-	-	-	-	WHITE	ELONGATED, OPEN FRONT WITH SELF SUSTAINING HINGE; WITH EVERCLEAN SURFACE
	-	-	-	-	-	-	-	-	-	
P-2	WATER CLOSET	AMERICAN STANDARD CHAMPION	211AA.004/5	1.6 GPF	0.5	-	4	2	WHITE	FLOOR MOUNTED, GRAVITY FLUSH TANK TYPE, MANUAL FLUSH, ADA COMPLIANT, SEE NOTE 1,2; WITH EVERCLEAN SURFACE
	TOILET SEAT	AMERICAN STANDARD	5901.100SS	-	-	-	-	1-	WHITE	ELONGATED, OPEN FRONT WITH SELF SUSTAINING HINGE; WITH EVERCLEAN SURFACE
	-	-	-	-	-	-		1-	-	-
	-	-	-	-	-	-	-	12	-	-
P-3	LAVATORY	AMERICAN STANDARD OVALYN	0495.221	-	-	-	1.5	1.5	WHITE	UNDERMOUNT; GLAZED UNDERSIDE; OVAL 17-1/8 X 14-1/8"; VITREOUS CHINA; SEE NOTE 2,3
	LAV FAUCET	SLOAN	EBF-650	0.5 GPM	0.5	0.5	-	-	POLISHED CHROME	CENTER SET SENSOR OPERATED FAUCET; BATTERY POWERED PROVIDE WITH CHROME PLATED BRASS GRID DRAIN
	MIXING VALVE	POWERS	LFG480	-	-	-	-	ıs	-	UNDER LAVATORY; ASSE 1070 LISTED VALVE SET TO 110 DEGREES
P-4	LAVATORY	AMERICAN STANDARD LUCERNE	0355.012	-	-	-	1.5	1.5	WHITE	WALL MOUNTED; 20-1/2" X 18-1/4"; PROVIDE WITH FLOOR ANCHORED CONCEALED ARMS SUPPORT; SEE NOTE 2,3
	LAV FAUCET	SLOAN	EBF-650	0.5 GPM	0.5	0.5	-	-	POLISHED	CENTER SET SENSOR OPERATED FAUCET; BATTERY POWERED
	MIXING VALVE	POWERS	LFG480		_	_	_	-	CHROME -	PROVIDE WITH CHROME PLATED BRASS GRID DRAIN UNDER LAVATORY; ASSE 1070 LISTED
P-5	URINAL	AMERICAN STANDARD	6590.001				3	2	WHITE	WALL MOUNTED; PROVIDE WITH FLOOR MOUNTED SUPPORT; SEE NOTE 2
	FLUSH VALVE	WASHBROOK SLOAN	8186	0.5 GPF	1	_	_		POLISHED	BATTERY POWERED SENSOR OPERATED FLUSH VALVE
P-6	MOP SERVICE BASIN	G2 FIAT	MSB 2424	0.5 01 1	_	_	3	2	CHROME WHITE	24" X 24" X 10" MOP SERVICE BASIN WITH INTEGRAL STAINLESS DRAIN; PROVIDE WITH HOSE AND HOSE BRACKET (832-AA), MOP HANGER (88
1-0	FAUCET	FIAT	830AA		0.75	0.75	3	2	POLISHED	CC), AND STAINLESS WALL GUARDS (MSG2424) WALL MOUNT WITH INTEGRAL VACUUM BREAKER, WALL BRACE, PAIL HOOK AND 3/4" THREADED HOSE CONNECTION
	ELECTRIC	C 10000000		0 CDII		0.75	1.5	1.5	CHROME	
P-7	WATER COOLER	ELKAY	LZSTL8WSLK	8 GPH	0.5	-	1.5	1.5	STAINLESS	WALL HUNG; BI-LEVEL ELECTRIC WATER COOLER W/ BOTTLE FILLING STATION
P-8	SINK	ELKAY	ELUHAD211555PD	-	-	-	1.5	1.5	STEEL POLISHED	UNDERMOUNT; 23-1/2" X 18-1/4" X 5-3/8" 304 STAINLESS STEEL; WITH PERFECT DRAIN SEE NOTE 2,3,4
	FAUCET	ELKAY	LK406GN08T6	1.5 GPM	.5	.5	-	-	CHROME	DECK MOUNT; GOOSENECK; WRISTBLADE HANDLES W/ 1.5 GPM AERATOR UNDER CABINET; ASSE 1070 LISTED
	MIXING VALVE	POWERS	LFe480	-	-	-	-)-	-	VALVE SET TO 110 DEGREES
P-9	FLOOR DRAIN	JAY R SMITH	2005	-	-	-	2	1.5	-	5" SQUARE NICKEL BRONZE STRAINER W/ RECTORSEAL ASSE 1072 MECHANICAL TRAP SEAL
P-10	ADA SHOWER	CLARION BATHWARE	MF3837*BF34CD	-	_	-	2	1.5	WHITE	ACRYLIX SURFACE WITH FIBERGLASS REINFORCEMENT; ADA ACCESSIBLE W/ GRAB BARS, FOLDING SEAT, BRASS DRAIN AND CURTAIN ROD. SE NOTE 2,5
	SHOWER DRAIN	WATTS	FD7-R	-	-	-	2	1.5	STAINLESS STEEL	SHOWER DRAIN WITH ROUND STRAINER; SHALL BE COMPATIBLE WITH FIBERGLASS SHOWER PAN
	CONTROL	POWERS HYDROGUARD	e710	1.5 GPM	0.5	0.5	-,	I-	POLISHED CHROME	SHOWER ONLY TEMPERATURE/PRESSURE COMPENSATING W/ LOW FLOW FIXED (HANDHELD) SHOWERHEAD SYSTEM; ASSE 1016 LISTED
P-11	ADA SHOWER	CLARION BATHWARE	MP6333BF34	-	-	-	2	1.5	WHITE	ACRYLIX SURFACE WITH FIBERGLASS REINFORCEMENT; ADA ACCESSIBLE W/ GRAB BARS, BRASS DRAIN AND CURTAIN ROD. SEE NOTE 2,5
	SHOWER DRAIN	WATTS	FD7-R	-	-	-	2	1.5	STAINLESS STEEL	SHOWER DRAIN WITH ROUND STRAINER; SHALL BE COMPATIBLE WITH FIBERGLASS SHOWER PAN
	CONTROL	POWERS HYDROGUARD	e705	1.5 GPM	0.5	0.5	-	-	POLISHED CHROME	SHOWER ONLY TEMPERATURE/PRESSURE COMPENSATING W/ LOW FLOW FIXED (HANDHELD) SHOWERHEAD SYSTEM; ASSE 1016 LISTED
P-12	TRENCH DRAIN	JR SMITH ENVIROFLO II	9931 AND 9936 CATCH BASIN	-	-	-	2	1.5	-	PROVIDE CATCH BASIN WITH SEDIMENT BUCKET; MODEL 9870-465-SSP STAINLESS STEEL COVER; ONE CLEANOUT SHOVEL
P-13	WALL HYDRANT	JAY R SMITH	5509QT	-	0.75	-	-	-	-	1/4 TURN FREEZE RESISTANT WALL HYDRANT WITH INTEGRAL VACUUM BREAKER; 3/4" HOSE CONNECTION
P-13	HOSE BIBB	JAY R SMITH	5670-H	-	0.75	-	-	-	-	BENT NOSE HOSE BIBB VALVE WITH VACUUM BREAKER; 3/4" HOSE CONNECTION
P-14	EMERGENCY SHOWER	BRADLEY	S19-120	22 GPM	0.75	0.75	-	-	-	DRENCH SHOWER WITH HORIZONTAL SUPPLY, PULL HANDLE, PROVIDE WITH BRADLEY THERMOSTATIC MIXING VALVE - \$19-2150
P-15	TRENCH DRAIN	JR SMITH	9931 AND 9936 CATCH BASIN	-	-	-	4	2	-	PROVIDE WITH BRADLEY THERMOSTATIC MIXING VALVE - \$19-2150 PROVIDE CATCH BASIN WITH SEDIMENT BUCKET; MODEL 9870-465-SSP STAINLESS STEEL COVER; ONE CLEANOUT SHOVEL
P-16	WATER	WHITEHALL	WH2145_10	_	0.5	-	4	2	WHITE	FLOOR MOUNTED
	CLOSET -	-	-	_	=	_	_	-	-	LIGATURE RESISTANT -
					19		1			

NOTES: PROVIDE AQUASTAT AND SEVEN DAY TIME CLOCK.

1. COORDINATE FLUSHING HANDLE TO BE INSTALLED ON WIDE SIDE OF STALL/ROOM

2. COORDINATE ADA REQUIREMENTS WITH ARCHITECTURAL PLANS; IF REQUIRED, INSTALL FIXTURE IN ACCORDANCE WITH ALL ADA REQUIREMENTS.

3. WHEN REQUIRED TO BE ADA COVER ANY EXPOSED PIPING WITH ADA COMPLIANT FIXTURE WRAPS, COVERS, INSULATION, AND ALL OTHER ITEMS REQUIRED BY CODE.

4. IF THERE IS A RESIDENTIAL DISHWASHER ADJACENT TO SINK, PROVIDE TAILPIECE WITH DISHWASHER CONNECTION; COORDINATE WITH ARCHITECTURAL PLANS

4. IF THERE IS A RESIDENTIAL DISHWASHER ADJACENT TO SINK, PROVIDE TAILPIECE WITH DISHWASHER 5. COORDINATE HANDING OF SHOWER/TUB DRAIN AND ACCESSORIES WITH ARCHITECTURAL PLANS.



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