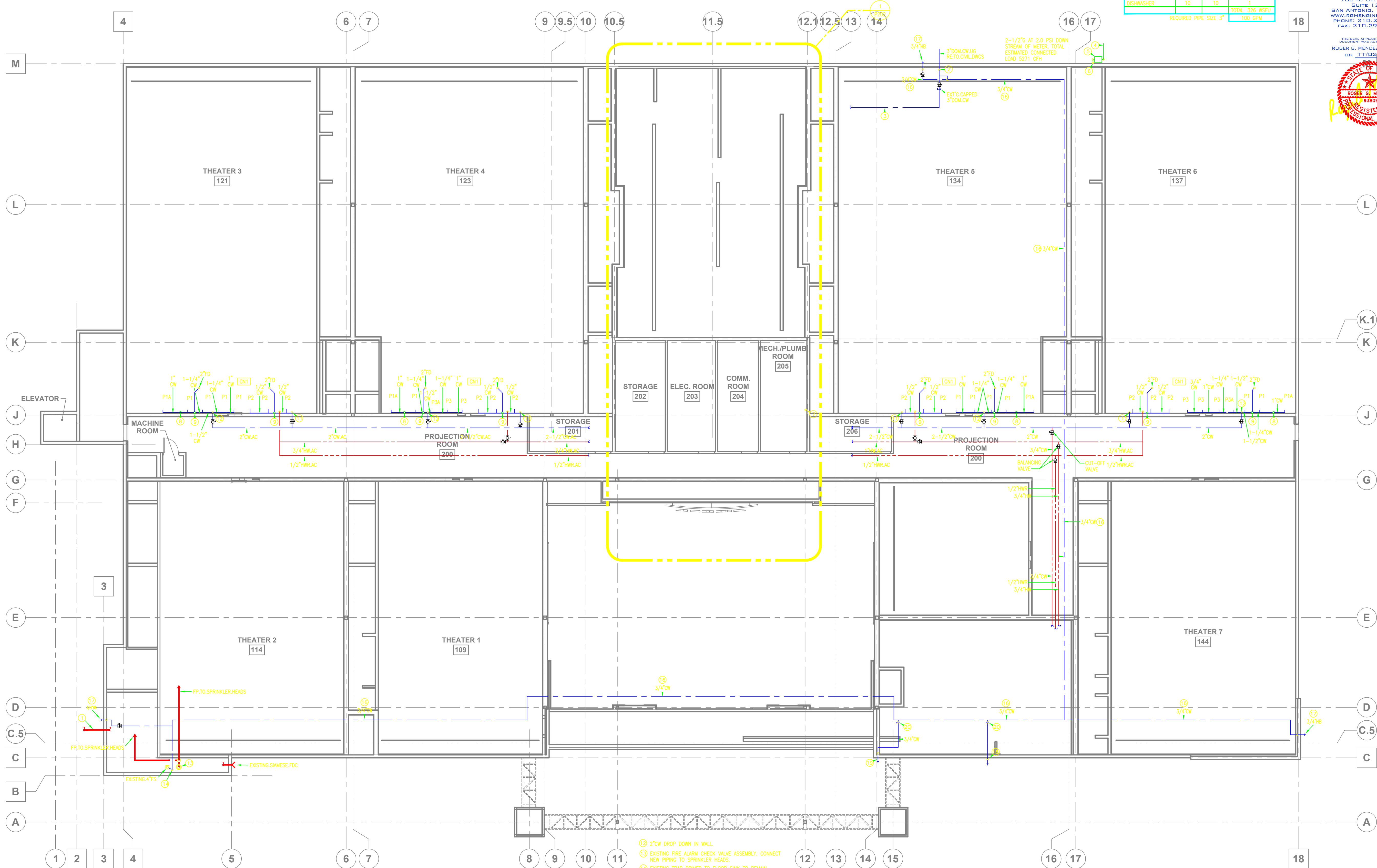


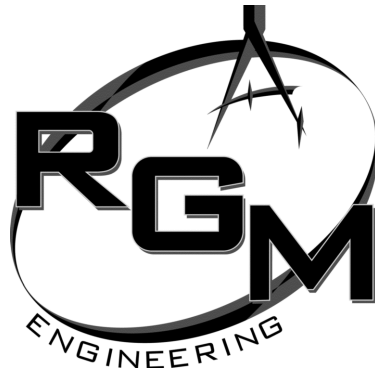
TPOLOGY 19

Commercial/Assembly

FILE NAME: LO-005 P102 Plumbing First Floor Plan - Domestic Water & Gas PL.dwg
FILE LOCATION: C:\Users\rgm\OneDrive\Projects\Projects\2023\005 Alamo Drafthouse Circle.dwg
DATE: Mon, 03 Jul 2023 12:25 PM
DRAWN BY: rgm



WATER SUPPLY FIXTURE UNITS AND ESTIMATED DEMANDS			
FIXTURE TYPE	FIXTURE LOAD	QTY OF FIXTURES	TOTAL FIXTURE LOAD
WATER CLOSET-F.V.	-	15	215
URINAL-F.V.	-	7	88
LAVATORY	1.5	12	18
COFFEE BREWER	1	1	1
ICE MACHINE	1	2	2
SODA CARBONATOR	1	1	1
TEA BREWER	1	1	1
HAND SINK	1	6	6
SERVICE SINK	3	1	3
3-COMP. SINK	4	1	4
2-COMP. SINK	3	1	3
CARBONATOR # 272	1	1	1
HOT FOOD WELL	1	2	2
DISHWASHER	10	10	10
TOTAL			336 WSFU
REQUIRED PIPE SIZE 3"			100 GPM



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1	ADDENDUM #1	06.28.11
2	ADDENDUM #2	07.07.11
3	REVISION #1	08.15.11
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5	REVISION #2	10.13.11

Alamo Drafthouse
Circle C - Interior Finish Out
Slaughter Lane at Mopac

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project #: 09071.01
date: _____
rev. by checked by
Approver RGM
drawn by: RGM
drawing title:
**FIRST FLOOR
PLUMBING PLAN**
drawn number:

P102

1 FIRST FLOOR PLUMBING PLAN – DOMESTIC CW, HW, HWR, NAT GAS & FP
SCALE: 1/8" = 1'-0"

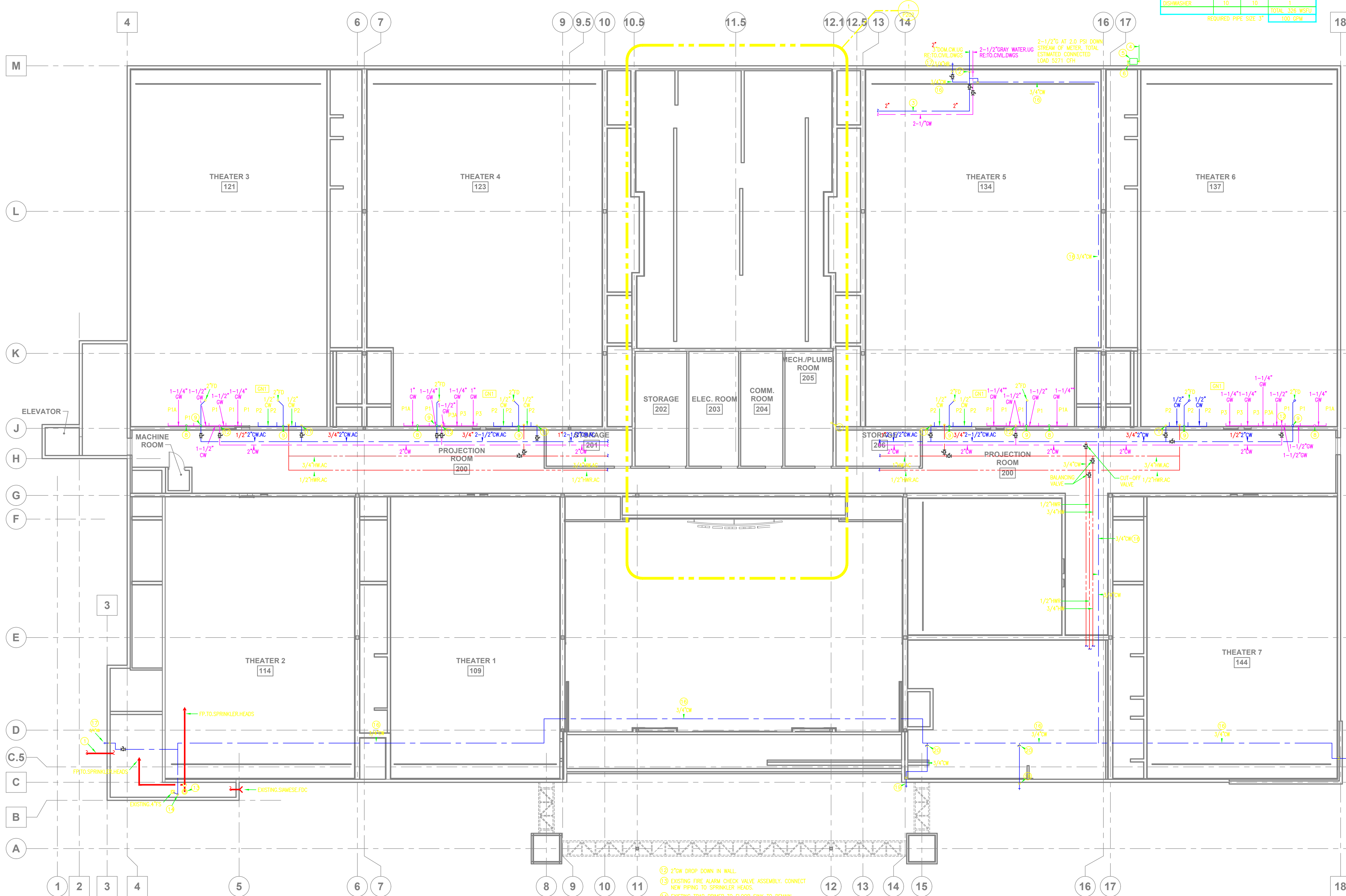
PLUMBING KEYED NOTES:

- EXISTING 6" FIRE PROTECTION MAIN UNDER GROUND TO FIRE ALARM CHECK VALVE ASSEMBLY.
- EXISTING 3" DOMESTIC COLD WATER MAIN UNDER FLOOR, RISE TO OVERHEAD.
- ROUTE NEW 3" CW AT BOTTOM OF STRUCTURE, ANCHOR PIPE TO STRUCTURE WITH UNISTRUT PIPE SUPPORTS, ROUTE TO KITCHEN.
- UNDER GROUND MEDIUM PRESSURE GAS BY UTILITY COMPANY, COORD WITH CIVIL.
- GAS METER & PRESSURE REGULATOR BY UTILITY COMPANY.
- ROUTE 2-1/2" 2.0 PSI GAS ALONG WALL UP TO ROOF, ROUTE THRU PARAPET WALL THRU PIPE SLEEVE. REFER TO MEP PLAN FOR CONTINUATION.
- 3"-11/16" NAT GAS FROM MEZZANINE LEVEL, ROUTE TO KITCHEN EQUIPMENT, REFER TO P202 DWG.
- INSTALL MIFAB WHIB-B WATER HAMMER ARRESTOR WITH MIFAB UA SERIES 8"x8" ACCESS PANEL, INSTALL AT AN ACCESSIBLE LOCATION.
- INSTALL MIFAB M1-500 TRAP PRIMER WITH MIFAB UA SERIES 10"x10" ACCESS PANEL, INSTALL AT AN ACCESSIBLE LOCATION, ROUTE 1/2" TYPE K COPPER UP TO FD, NO JOINTS UP.
- 1/2" CW DROP DOWN IN WALL.
- 3/4" CW DROP DOWN IN WALL.

GENERAL PLUMBING NOTES:

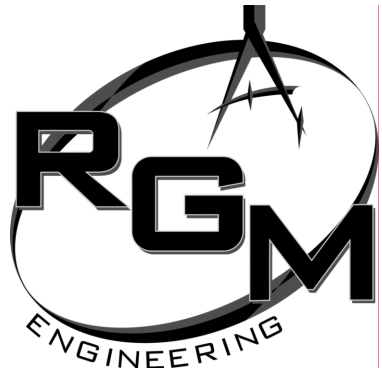
[GHT] REFER TO "PLUMBING FIXTURE CONNECTION SCHEDULE" FOR PIPE SIZE CONNECTIONS TO FIXTURES.

- 2" CW DROP DOWN IN WALL.
- EXISTING FIRE ALARM CHECK VALVE ASSEMBLY, CONNECT NEW PIPING TO SPRINKLER HEADS.
- EXISTING TRAP PRIMER TO FLOOR SINK TO REMAIN.
- ROUTE 2" CW UP TO MEZZANINE LEVEL TO WATER SOFTENER & MIXING VALVE.
- EXISTING COLD WATER PIPING TO REMAIN.
- EXISTING HOSE BIBB TO REMAIN.
- NEW NON-FREEZE ANTI-SIPHON HOSE BIBB APRX 18" ABOVE GROUND, SERVICE TO PATIO WASHDOWN & FOUNTAIN FILL.
- NEW INSULATED 3/4" CW DOWN IN CHASE TO NEW NON-FREEZE ANTI-SIPHON HOSE BIBB APRX 18" ABOVE GROUND, SERVICE TO PATIO WASHDOWN & FOUNTAIN FILL.
- NEW 3/4" NON-FREEZE WALL HYDRANT APRX 8" ABOVE FLOOR, SERVICE TO PATIO MISTING SYSTEM WITH AUTOMATIC DRAIN, BY OWNER.
- CONNECT NEW 3/4" CW TO EXISTING INSTALL BALL SHUT-OFF AT BRANCH CONNECTION.

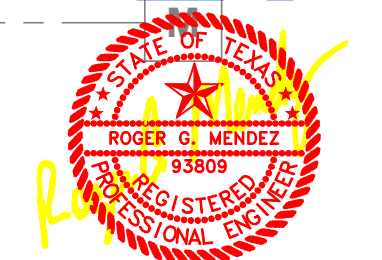


PLUMBING LEGEND	
—	DOMESTIC WATER SUPPLY PIPING
—	DOMESTIC HOT WATER SUPPLY PIPING
—	DOMESTIC HOT WATER RETURN PIPING
—	NATURAL GAS SUPPLY PIPING
—	FIRE PROTECTION PIPING

WATER SUPPLY FIXTURE UNITS AND ESTIMATED DEMANDS			
FIXTURE TYPE	FIXTURE LOAD	QTY OF FIXTURES	TOTAL FIXTURE LOAD
WATER CLOSET-F.V.	1.5	15	215
URINAL-F.V.	0.75	7	52.5
LAVATORY	1.5	12	18
COFFEE BREWER	1	1	1
ICE MACHINE	1	2	2
SODA CARBONATOR	1	1	1
TEA BREWER	1	1	1
HAND SINK	1	6	6
SERVICE SINK	3	1	3
3-COMP. SINK	4	1	4
2-COMP. SINK	3	1	3
CARBONATOR # 272	1	1	1
HOT FOOD WELL	1	2	2
DISHWASHER	10	10	10
TOTAL			336 WSFU
REQUIRED PIPE SIZE 3"			100 GPM



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Slaughter Lane at Mopac

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project #: 09071.01
date: _____
rev. by: checked by
Approver: RGM
drawn by: RGM
drawing title: **FIRST FLOOR PLUMBING PLAN**
drawn number: _____

P102

PLUMBING KEYED NOTES:

- EXISTING 6" FIRE PROTECTION MAIN UNDER GROUND TO FIRE ALARM CHECK VALVE ASSEMBLY.
- EXISTING 3" DOMESTIC COLD WATER MAIN UNDER FLOOR, RISE TO OVERHEAD.
- ROUTE NEW 3" CW AT BOTTOM OF STRUCTURE, ANCHOR PIPE TO STRUCTURE WITH UNISTRUT PIPE SUPPORTS, ROUTE TO KITCHEN.
- UNDER GROUND MEDIUM PRESSURE GAS BY UTILITY COMPANY, COORD WITH CIVIL.
- GAS METER & PRESSURE REGULATOR BY UTILITY COMPANY.

- ROUTE 2-1/2" 2.0 PSI GAS ALONG WALL UP TO ROOF, ROUTE THRU PARAPET WALL THRU PIPE SLEEVE. REFER TO MEP PLAN FOR CONTINUATION.
- 3"-1 1/4" NAT GAS FROM MEZZANINE LEVEL, ROUTE TO KITCHEN EQUIPMENT, REFER TO P202 DWG.
- INSTALL MFAB WHIP-B WATER HAMMER ARRESTOR WITH MFAB UA SERIES 8"x8" ACCESS PANEL, INSTALL AT AN ACCESSIBLE LOCATION.
- INSTALL MFAB M1-500 TRAP PRIMER WITH MFAB UA SERIES 10"x10" ACCESS PANEL, INSTALL AT AN ACCESSIBLE LOCATION, ROUTE 1/2" TYPE K COPPER UP TO FD, NO JOINTS UP.
- 1-1/2" CW DROP DOWN IN WALL.
- 3/4" CW DROP DOWN IN WALL.

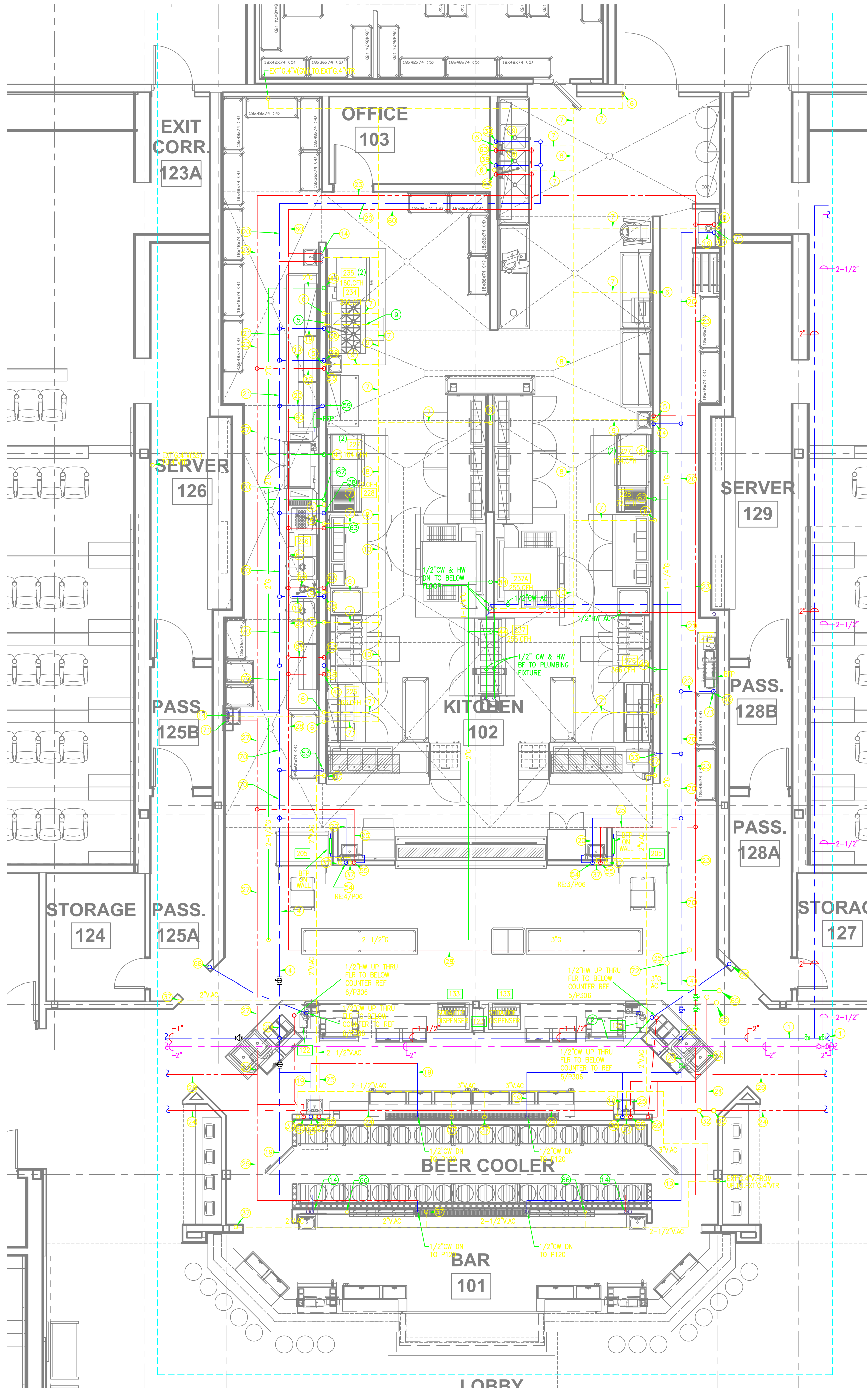
- 2" CW DROP DOWN IN WALL.
- EXISTING FIRE ALARM CHECK VALVE ASSEMBLY, CONNECT NEW PIPING TO SPRINKLER HEADS.
- EXISTING TRAP PRIMER TO FLOOR SINK TO REMAIN.
- ROUTE 2" CW UP TO MEZZANINE LEVEL TO WATER SOFTENER & MIXING VALVE.
- EXISTING COLD WATER PIPING TO REMAIN.
- EXISTING HOSE BIBB TO REMAIN.
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- NEW 3/4" NON-FREEZE WALL HYDRANT APRX 8" ABOVE FLOOR, SERVICE TO PATIO MISTING SYSTEM WITH AUTOMATIC DRAIN, BY OWNER.
- CONNECT NEW 3/4" CW TO EXISTING INSTALL BALL SHUT-OFF AT BRANCH CONNECTION.

GENERAL PLUMBING NOTES:

[GNT] REFER TO "PLUMBING FIXTURE CONNECTION SCHEDULE" FOR PIPE SIZE CONNECTIONS TO FIXTURES.

1 FIRST FLOOR PLUMBING PLAN – DOMESTIC CW, HW, HWR, NAT GAS & FP
SCALE: 1/8" = 1'-0"





1 PLUMBING ENLARGED KITCHEN PLAN – CW, HW, HWR & NAT GAS
SCALE: 1/4"=1'-0"

PLUMBING GENERAL NOTES:

1. PLUMBING CONTRACTOR TO COORDINATE CONNECTION SIZE, LOCATION AND QUANTITIES WITH FOOD SERVICE SUPPLIERS EQUIPMENT PLANS.

PLUMBING KEYED NOTES ABOVE FLOOR PLUMBING:

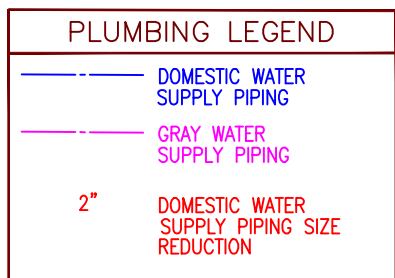
SOME NOTES MAY NOT APPLY

- 3" CW ABOVE CEILING.
- 2 1/2" CW ABOVE CEILING.
- 2" CW ABOVE CEILING.
- 1-1/2" CW ABOVE CEILING.
- 1-1/2" GREASE VENT UP IN WALL TO ABOVE CEILING.
- 2" GREASE VENT UP IN WALL TO ABOVE CEILING. INSTALL A LINE SIZE WALL CLEAMOUT WITH ACCESS COVER AT AN ACCESSIBLE LOCATION.
- 2" GREASE VENT ABOVE CEILING.
- 2-1/2" GREASE VENT ABOVE CEILING.
- 1-1/2" GREASE VENT ABOVE CEILING.
- 3" GREASE VENT ABOVE CEILING.
- 3" GREASE VENT UP TO MEZZANINE LEVEL ABOVE.
- 1-1/2" CW UP TO MEZZANINE LEVEL. ROUTE TO WATER SOFTENER.
- 1/2" CW DOWN TO ICE MAKER BOX VALVE CONNECTION. INSTALL OUT GRAY # BMB75 VALVE BOX AT AN ACCESSIBLE LOCATION. ROUTE 1/4" COPPER TUBING IN WALL TO ICE MAKER CONNECTION.
- HAND SINK: 1/2" CW, 1/2" HW-105F & 1-1/2" V TO 2" WASTE THRU FLOOR.
- PRE-RINSE FAUCET: 1/2" CW, 1/2"-105F HW & 2" DW, 1-1/2" VENT (GW).
- DISHWASHER: 3/4" CW & 2" W TO FLOOR SINK.
- MOP SINK: 1/2" CW, 1/2"-105F HW IN WALL TO SINK FAUCET. 3" DIRECT WASTE TO 3" WASTE THRU FLOOR.
- 2-COMP SINK: 1/2" CW, 1/2"-105F HW IN WALL TO SINK FAUCET. 1-1/2" W TO FLOOR SINK.
- 1/2" CW ABOVE CEILING.
- 3/4" CW ABOVE CEILING.
- 1" CW ABOVE CEILING.
- 1" CW ABOVE CEILING.
- 1-1/4"-105F HW ABOVE CEILING.
- 1/2" HW ABOVE CEILING.
- 1/2" HW-105F ABOVE CEILING.
- 3/4" HW-105F ABOVE CEILING.
- 1" HW-105F ABOVE CEILING.
- 1-1/4" HW-140F ABOVE CEILING.
- 1-1/2" VENT FROM UNDER FLOOR, ROUTE OVERHEAD TO 2" VENT.
- 2" VENT FROM UNDER FLOOR, FROM 4" ID, ROUTE OVERHEAD TO EXTERIOR WALL.
- 1/2" HW TO MEZZANINE LEVEL ABOVE.
- 1/2" ORCUT SETTER, BELL & GOSSET MODEL RF-1/2"S, OR APPROVED EQUAL. SET FLOW RATE @ 1.0 GPM.
- 1" HW-105F ABOVE CEILING. ROUTE TO RESTROOMS. REFER TO P101 DWG.
- 1/2" HW ABOVE CEILING FROM TO RESTROOMS. REFER TO P101 DWG.
- 1-1/4" HW-140F FROM MEZZANINE ABOVE.
- 1-1/2" VENT UNDER COUNTER.
- 1-1/2" VENT (SS) RISE IN WALL TO ABOVE CEILING.
- 1/2" CW DOWN IN WALL.
- HAND SINK & WATER FILTER, 3/4" CW & 1/2" HW-105F DOWN IN WALL.
- 1-1/2" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 226 NOTE.
- 1" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 227 NOTE.
- 1-1/2" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 234 NOTE.
- 2" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 235 NOTE.
- 1-1/4" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 237 & 237A NOTE.
- 3/4" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 241 NOTE.
- 3/4" CW IN WALL, STUB THRU WALL, ROUTE TO WATTS 0090T REDUCED PRESSURE ZONE BFP. ROUTE TO KITCHEN EQUIPMENT WATER FILTER # 263. ROUTE TO 3/4" CARBONATOR # 272. REFER TO DETAIL # 2/P306 DWG.
- 1-1/2" VENT (SS) ABOVE CEILING.
- 2" VENT (SS) ABOVE CEILING.
- 2-1/2" VENT (SS) UP TO MEZZANINE LEVEL ABOVE.
- 1/2" TRAP PRIMER ABOVE CEILING AT AN ACCESSIBLE LOCATION. ROUTE 1/2" TRAP PRIMER LINE DOWN IN WALL TO FLOOR DRAIN OR TRENCH DRAIN.
- 1-1/2" VENT (GW) IN WALL, CONNECT TO 2" VENT IN WALL.
- 1/2" CW TO DISPOSER, ROUTE IN WALL FROM 1/2" CW TO PRE-RINSE FAUCET.
- 1/2" CW TO AUTO-FILL, KITCH EQUIP # 222. INSTALL BALL VALVE & BFP UNDER COUNTER, AT AN ACCESSIBLE LOCATION. REFER TO 6/P306.
- 3/4" DOWN IN WALL TO WATER FILTER # 268 TO WATTS 0090T REDUCED PRESSURE ZONE BFP. 1/2" CW TO HAND SINK # 208.
- 1/2" HW-105F DOWN IN WALL.
- 3" GAS FROM MEZZANINE LEVEL.
- 3" SANTARY FROM 3" FLOOR DRAIN AT WATER HEATER ABOVE.
- 3" SANTARY DOWN IN WALL.
- ROUTE 3/4" CW TO WATTS REDUCED PRESSURE ZONE BFP. ROUTE 3/4" CW TO DISHWASHER # 266. REFER TO 1/P306.
- 3/4"-140F HW ABOVE CEILING.
- 1"-140F HW ABOVE CEILING.
- 1-1/2"-105F HW FROM MIXING VALVE AT MEZZANINE LEVEL.
- 1/2"-140F HW DOWN IN WALL TO FIXTURE FAUCET.
- 1/2"-140F HW ABOVE CEILING.
- 3" NAT GAS FROM MEZZANINE LEVEL.
- 2" VENT FROM UNDER FLOOR, RISE IN WALL TO ABOVE CEILING.
- 1" GAS DOWN TO EQUIPMENT, REFER TO KITCHEN EQUIPMENT 226 NOTE.
- 1/2" CW DOWN IN WALL TO UNDER FLOOR TO ISLAND EQUIPMENT.
- 1/2" HW DOWN IN WALL TO UNDER FLOOR TO ISLAND EQUIPMENT.
- 1 1/4" CW ABOVE CEILING.
- ROUTE PIPING IN FURR-OUT, COORDINATE WITH ARCHITECTURAL.
- INSTALL MECHANICALLY OPERATED 3" AUTOMATIC ANSUL SYSTEM VALVE FURNISHED BY ANSUL SYSTEM CONTRACTOR. THE VALVE SHALL CONTROL BOTH ANSUL SYSTEM. COORDINATE WITH ANSUL SYSTEM CONTRACTOR. LOCATE AT AN ACCESSIBLE LOCATION.

KITCHEN EQUIPMENT PLUMBING KEYED NOTES:

FOR REFERENCE ONLY, COORD WITH KITCHEN EQUIPMENT DRAWINGS

- KITCHEN EQUIPMENT CONSULTANT NUMBER. COORDINATE PLUMBING REQUIREMENTS WITH CONSULTANT'S DRAWINGS & EQUIPMENT OUT SHEET DATA.
- DRAINBOARD: 1-1/2" 17 GAUGE CHROME PLATED, TAILPIECE, P-TRAP & TRAP ARM. ROUTE TO 2" FLOOR SINK.
- HAND SINK: 17GA CHROME PLATED P-TRAP & TRAP ARM TO 2" DRAIN. FURNISH & INSTALL MCQUIRE LOOSE KEY ANGLE STOP & BRANDED STAINLESS STEEL WATER SUPPLIES.
- BEER TAP: 1" W TO 2" FLOOR SINK.
- HOT WATER DISPENSER: 1/2" HW SUPPLY UNDER COUNTER FROM BFP. REFER TO 6/P306 DWG.
- TEA/COFFEE BREWER: 1/2" HW UNDER COUNTER FROM BFP. REFER TO 5/P306 DWG.
- WATER STATION: 1-1/4" 17 GAUGE CHROME PLATED. ROUTE TO 2" FLOOR SINK. FURNISH & INSTALL MCQUIRE LOOSE KEY ANGLE STOP & BRANDED STAINLESS STEEL WATER SUPPLY.
- ICE MAKER: 3/8" PT ICE MAKING WATER INLET, 1/2" ICE MAKING WATER DRAIN. FURNISH & INSTALL GUY GRAY MODEL BMB75 ICE MAKER BOX CONNECTION, 1/2" CW SUPPLY.
- ICE BIN WITH 1" PT DRAIN. ROUTE 1" DRAIN TO FLOOR SINK.
- WATER FILTER ASSEMBLY: 3/4" CW INLET, 3/4" CW OUTLET, 5.0 GPM.
- HAND SINK: 1-1/2" 17 GAUGE CHROME PLATED, TAILPIECE, P-TRAP & TRAP ARM. ROUTE TO 2" SANITARY ABOVE FLOOR. FURNISH & INSTALL MCQUIRE LOOSE KEY ANGLE STOP & BRANDED STAINLESS STEEL WATER SUPPLIES.
- HOT WELLS: STANDARD INDIVIDUAL WELL DRAIN, MANIFOLD DRAIN AVAILABLE. COORD WITH EQUIPMENT SUPPLIER. ROUTE DRAIN OR DRAINS TO FLOOR SINK.
- GAS FRYER: (3) @ 122,000 BTU EACH. TOTAL GAS INPUT 366,000 BTU. 1-1/2" GAS DOWN IN WALL TO INTEGRAL PIPE MANIFOLD, SEPARATE 3/4" GAS CONNECTORS & INDIVIDUAL GAS BALL VALVES INCLUDED WITH EQUIPMENT, APPROX 36" AFF.
- GAS GRIDDLE: (2) @ 52,000 BTU. 1" GAS DOWN IN WALL TO INTEGRAL PIPE MANIFOLD, SEPARATE 3/4" GAS CONNECTORS & INDIVIDUAL GAS BALL VALVES INCLUDED WITH EQUIPMENT, APPROX 36" AFF.
- BROILER COUNTER UNIT: (2) @ 72,000 BTU. 3/4" GAS DOWN IN WALL TO INTEGRAL PIPE MANIFOLD, SEPARATE 3/4" GAS CONNECTORS & INDIVIDUAL GAS BALL VALVES INCLUDED WITH EQUIPMENT, APPROX 36" AFF.
- HAND SINK: 1-1/2" 17 GAUGE CHROME PLATED, TAILPIECE, P-TRAP & TRAP ARM UNDER COUNTER. ROUTE TO 2" SANITARY ABOVE FLOOR. FURNISH & INSTALL MCQUIRE LOOSE KEY ANGLE STOP & BRANDED STAINLESS STEEL WATER SUPPLIES.
- GAS RANGE: (1) @ 302,000 BTU. 1-1/4" GAS DOWN IN WALL TO PIPE CONNECTION APPROX 24" AFF, PRESSURE REGULATOR 5.0" W.C., GAS CONNECTORS & INDIVIDUAL GAS BALL VALVES INCLUDED WITH EQUIPMENT.
- GAS CONVECTION OVEN DOUBLE DECK: 160,000 BTU. (2) 3/4" GAS PIPE CONNECTION APPROX 24" AFF. PRESSURE REGULATOR 3.5" W.C. AND SAFETY SOLENOID. 1" GAS CONNECTORS & 1" GAS BALL VALVE INCLUDED WITH EQUIPMENT.
- PIZZA OVEN TRIPLE STACK: 85,000 BTU. 3/4" GAS PIPE CONNECTION TO EACH OVEN AT APPROX 18", 36" & 54" AFF. PRESSURE RANGE 7"-14" W.C. 3/4" GAS CONNECTORS & INDIVIDUAL 3/4" GAS BALL VALVES INCLUDED WITH EQUIPMENT.
- PIZZA OVEN TRIPLE STACK: 85,000 BTU EACH. 3/4" GAS PIPE CONNECTION TO EACH OVEN AT APPROX 18", 36" & 54" AFF. PRESSURE RANGE 7"-14" W.C. 3/4" GAS CONNECTORS & INDIVIDUAL 3/4" GAS BALL VALVES INCLUDED WITH EQUIPMENT.
- FAUCET: INSTALL MCQUIRE LOOSE KEY ANGLE STOP & BRANDED STAINLESS STEEL WATER SUPPLIES.
- WATER FILTER: 3/4" BALL VALVE & CHROME PLATED ESCUTCHEON RING. FLOW RATE MUST NOT EXCEED 13.36 GPM. PROVIDE FLOW RESTRICTOR IF REQUIRED.
- FAUCET & PRE-RINSE VALVE, 1/2" NPT INLETS & SINK DRAINS WITH REMOVABLE SNAP-IN STRAINER. FURNISH & INSTALL 1-1/2" 17 GAUGE DRAIN, P-TRAP & TRAP ARM. ROUTE TO 2" DRAIN IN WALL.
- DISHWASHER: 3/4" HW-140F, 2" DRAIN. ROUTE 2" W TO FLOOR SINK.
- NOT USED.
- CARBONATOR
- KEYED NOTE DELETED



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ROGER G. MENDEZ, P.E. 93809
ON: 11/02/2011

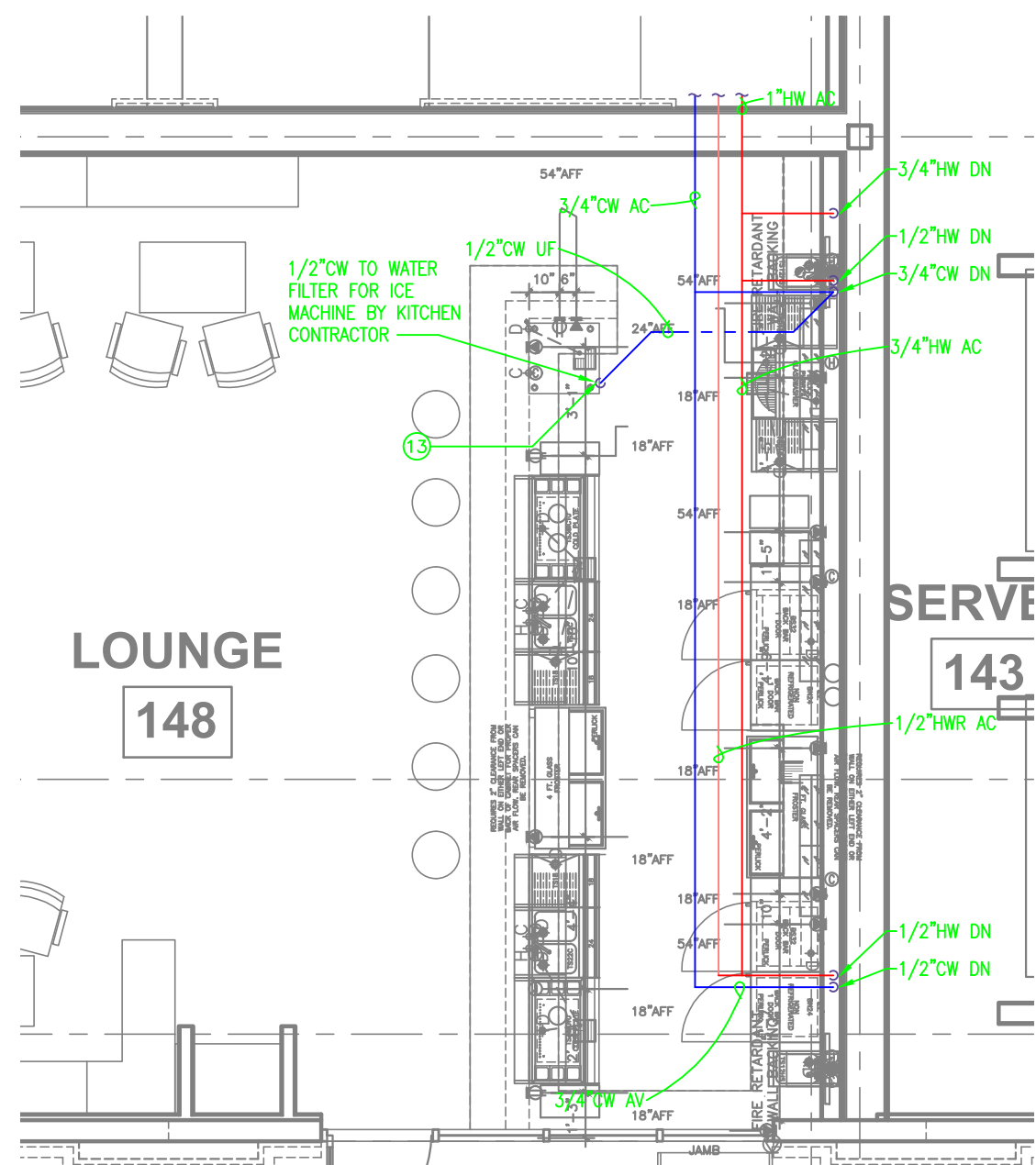


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2 PLUMBING ENLARGED SATALLITE BAR PLAN
CW, HW, HWR & NAT GAS
SCALE: 1/4"=1'-0"

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drawing title: PLUMBING ENLARGED
KITCHEN PLAN
drawn number: _____



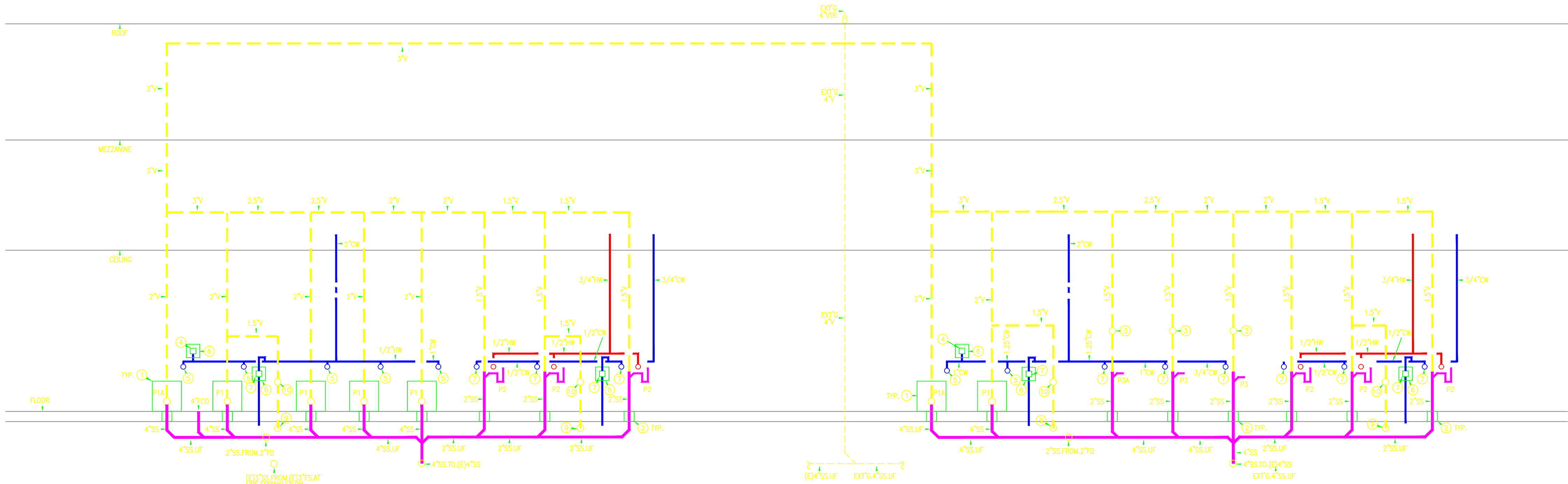
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2	ADDENDUM #2	07.07.11
3	REVISION #1	08.15.11
4	REVISION #1	08.15.11
5	REVISION #2	10.13.11



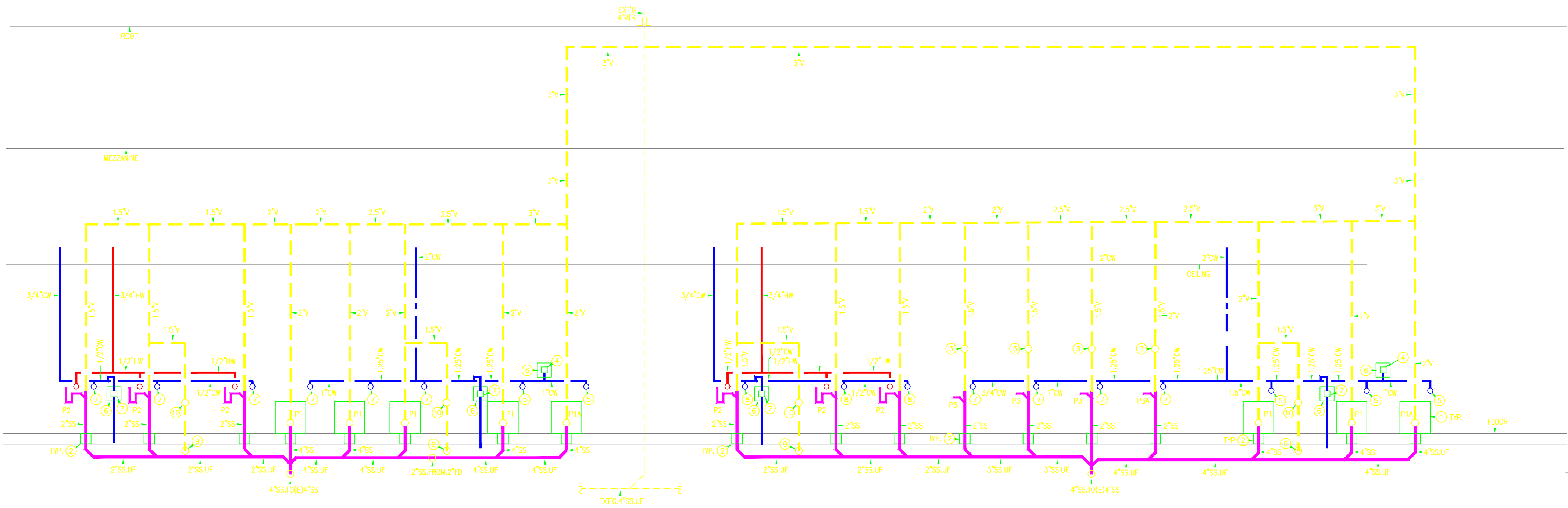
1 WOMEN'S RESTROOM
NOT TO SCALE

PLUMBING KEYED NOTES:

- MFAB MC-14 VERTICAL, FIXED, ON-STACK WATER CLOSET CHAIR CARRIER, OR APPROVED EQUAL
- PIPE SLEEVE THRU FLOOR.
- 2" WALL CLEANOUT MFAB C1450 WITH ROUND 6" DIA STAINLESS STEEL COVER & SCREW. INSTALL AT AN ACCESSIBLE LOCATION ABOVE FLUSH VALVE ASSEMBLY.
- MFAB WHB-D THREADED 1" NPT STAINLESS STEEL BELLOWS WATER HAMMER ARRESTOR, 5.375" H X 3.375" DIA, INSTALL APPROX 3' ABOVE THE FLOOR.
- 1" CW TO FLUSH VALVE CONNECTION APPROX 24.25" ABOVE THE FLOOR.

- MFAB 10" X 10" SERIES UA, UNIVERSAL ACCESS DOOR, 16 GAGE SATINCOAT STEEL DOOR, ROUND SAFETY CORNERS, CONCEALED HINGE, FLUSH WITH FRAME FIT, UNIQUE WHITE FINISH AND 1/4" TURN BACK IN THE DOOR PANEL FOR EXTRA RIGIDITY & SAFETY.
- MFAB 1/2" MI-500 TRAP PRIMER, ROUTE 1/2" TYPE L COPPER ABOVE FLOOR, 1/2" TYPE K COPPER UNDER FLOOR TO FLOOR DRAIN WITH NO JOINTS UNDER FLOOR. INSTALL IN FLOYSHIELD SLEEVE UP.
- 1/2" TO FIXTURE ANGLE STOP, TYPICAL OF CW & HW.
- 1-1/2" VENT FROM FLOOR DRAIN.
- 1-1/2" WALL CLEANOUT MFAB C1450 WITH ROUND 6" DIA STAINLESS STEEL COVER & SCREW. INSTALL AT AN ACCESSIBLE LOCATION ABOVE.

2 MEN'S RESTROOM
NOT TO SCALE



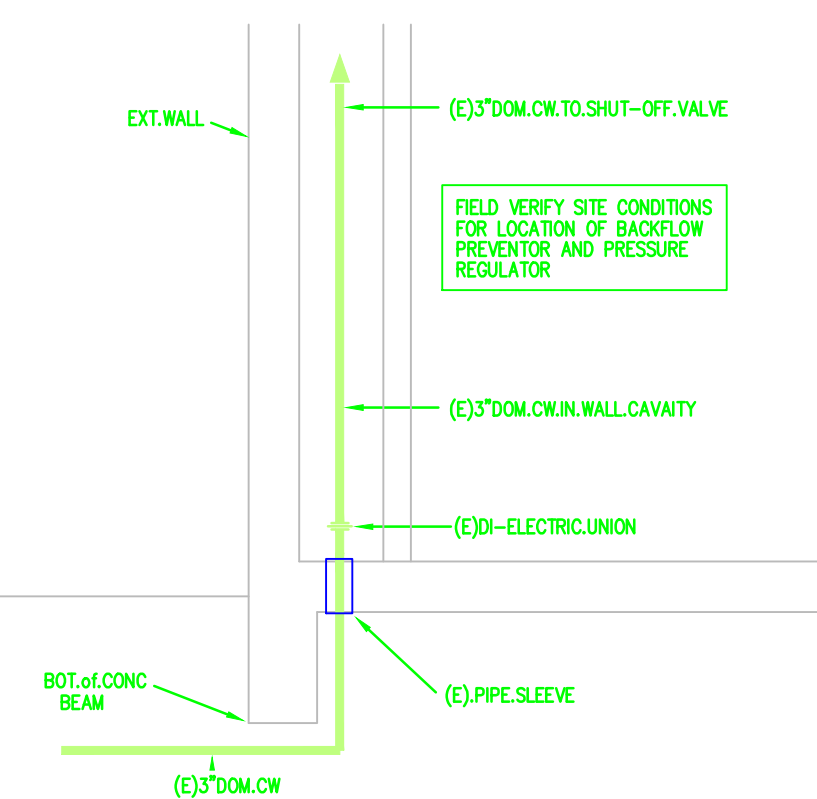
3 WOMEN'S RESTROOM
NOT TO SCALE

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4 MEN'S RESTROOM
NOT TO SCALE



5 EXT'G DOMESTIC CW ENTRY DETAIL
NOT TO SCALE

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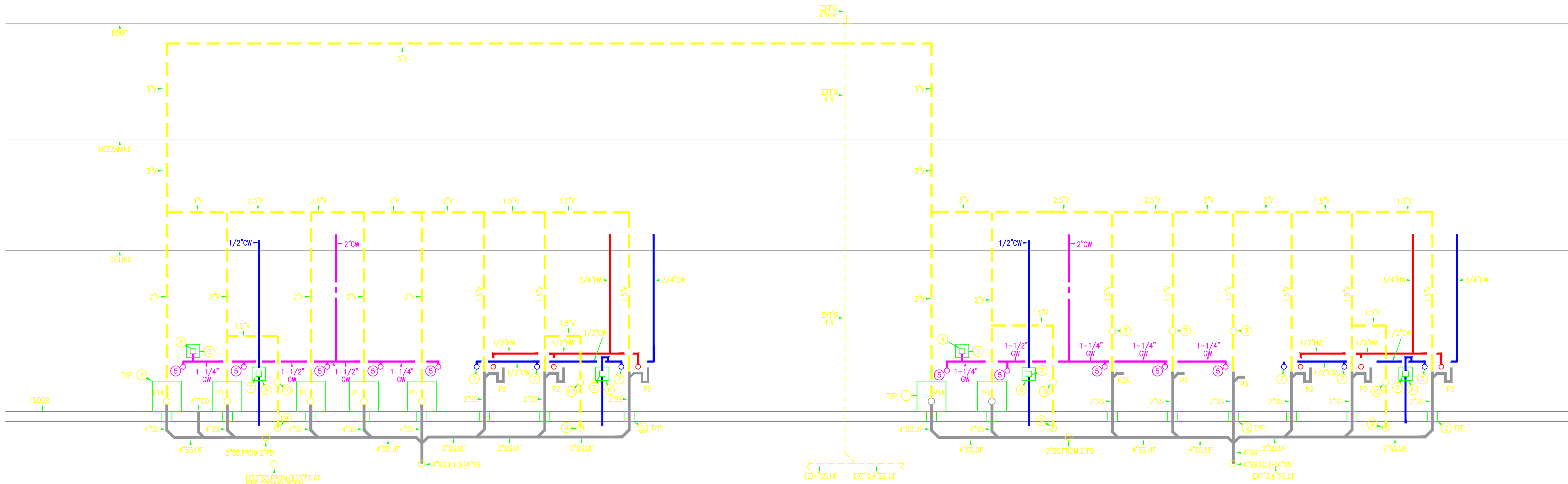
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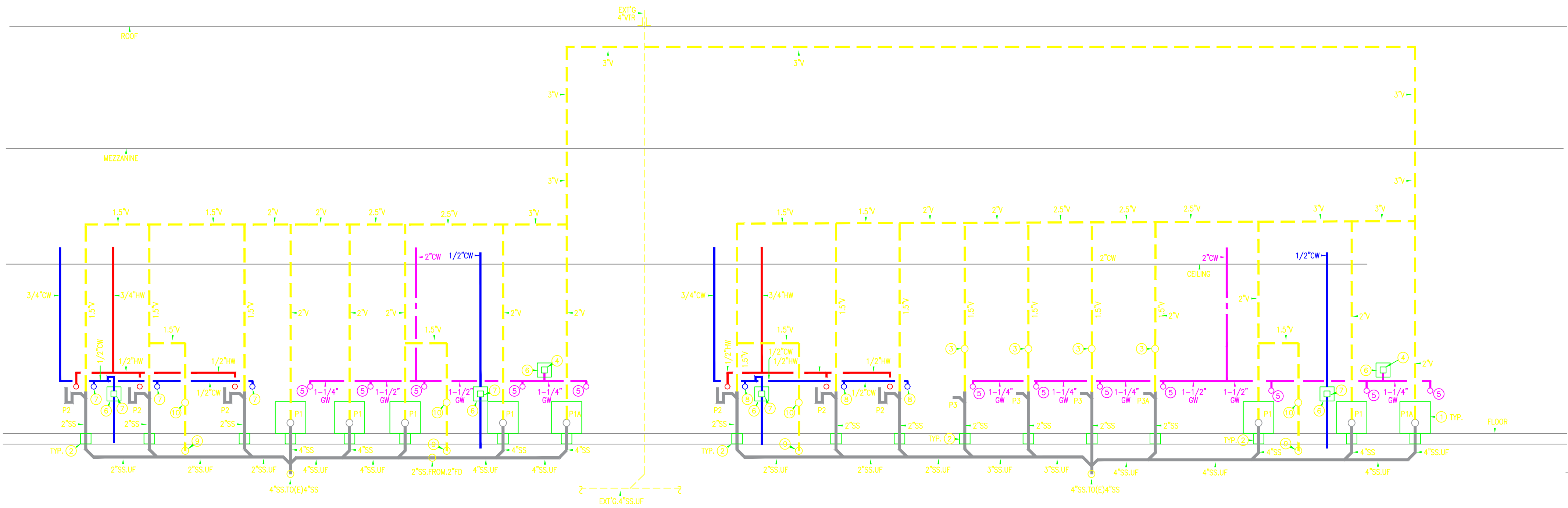
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2 MEN'S RESTROOM NOT TO SCALE

PLUMBING LEGEND	
	DOMESTIC WATER SUPPLY PIPING
	GRAY WATER SUPPLY PIPING
	2" DOMESTIC WATER SUPPLY PIPING SIZE REDUCTION



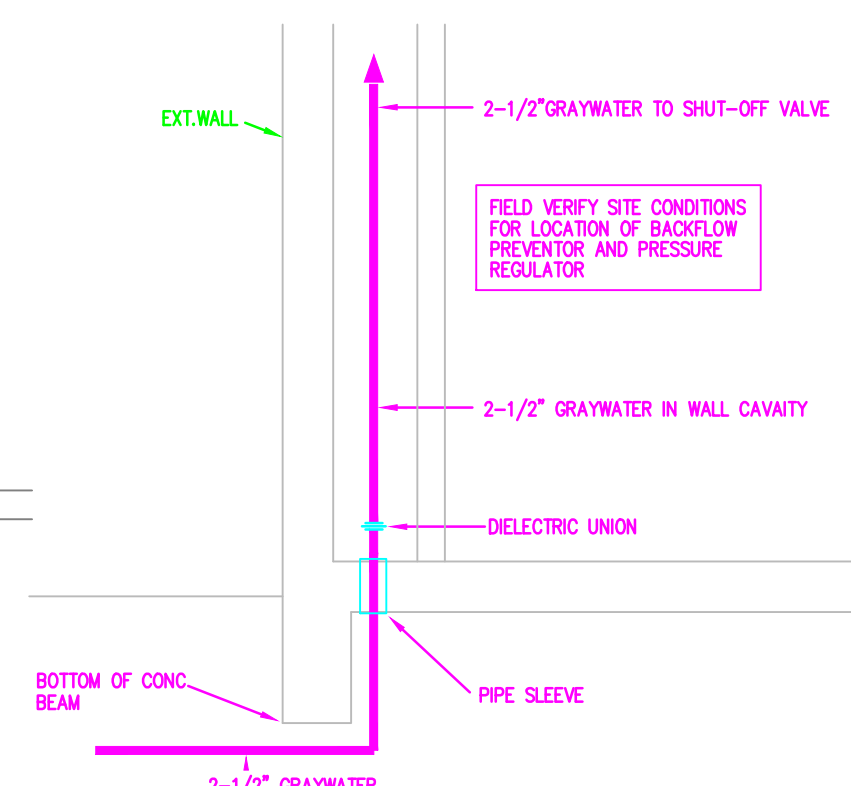
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4 MEN'S RESTROOM NOT TO SCALE

5 GRAYWATER ENTRY DETAIL NOT TO SCALE



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