

PLUMBING NOTES

1.

ALL NEW DOMESTIC HOT AND COLD WATER SUPPLY AND HOT WATER RETURN PIPES SHALL BE COPPER TUBING AND SHALL ORIGINATE ON THE SAME FLOOR FROM THE NEAREST WET COLUMN WITH PROPER ACCESS FOR MAINTENANCE. IF ATTACHED TO DISSIMILAR METAL, A CORROSION INHIBITOR IS TO BE PROVIDED.
2.

INSULATE ALL DOMESTIC HOT AND COLD WATER SUPPLY AND HOT WATER RETURN PIPES.
3.

WASTE LINES SHALL BE PROPERLY PITCHED TO PREVENT "TRAPPED" WATER. INSTALL WASTE LINE CONNECTIONS WITH LONG TERM OR 45° "Y" FITTINGS.
4.

RETAIN EXISTING CLEAN OUT CONNECTIONS AND PROVIDE CLEAN OUT CONNECTIONS AT NEW FITTINGS.
5.

WHEN CONNECTING NEW DOMESTIC HOT AND COLD WATER SUPPLY AND HOT WATER RETURN PIPES TO EXISTING RISERS, CONTRACTORS SHALL LEAVE A PLUGGED VALVED OUTLET FOR EACH, FOR FUTURE USE.
6.

ALL NEW DOMESTIC HOT AND COLD WATER SUPPLY AND HOT WATER RETURN PIPES ATTENDANT FITTINGS MUST BE PROPERLY INSULATED AND COVERED.
7.

INDIVIDUAL SHUT-OFF VALVES MUST BE SUPPLIED AND INSTALLED FOR EACH NEW FIXTURE, INCLUDING WATER COOLERS.
8.

ALL NEW PIPES ARE TO BE SUPPORTED FROM SLAB OR STEEL BEAMS, NOT FROM EXISTING PIPES OR DUCT WORK.
9.

ALL WATER SHUTDOWNS TO BE COORDINATED THROUGH THE BUILDING MANAGER. ALL WATER SHUTDOWNS ARE TO BE PERFORMED OR SUPERVISED BY BUILDING PERSONNEL AT THE DISCRETION OF THE BUILDING MANAGER.
10.

PLUMBER SHALL BE RESPONSIBLE THAT ENTIRE INSTALLATION IS IN ACCORDANCE WITH LOCAL AND STATE CODES.
11.

PRIVATE BATHROOMS MUST BE INSTALLED ON MINIMUM 4" WASTE LINE.
12.

ALL VALVES ARE TO BE PROPERLY TAGGED.
13.

ANY WET COLUMNS USED SHOULD BE PROVIDED WITH A 24" x 24" STEEL SURFACE MOUNTED ACCESS DOOR.
14.

HOT WATER HEATERS SERVING PRIVATE BATHROOMS, KITCHENS, ETC., ARE TO BE SUPPLIED FROM THE WET COLUMN THAT SUPPLIES THE COLD WATER TO THESE AREAS.

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PLUMBING SPECIFICATIONS

LINE REPRESENTATION

- NEW COLD WATER PIPING
- NEW HOT WATER PIPING
- NEW HOT WATER PIPING WITH TEMPERATURE MAINTENANCE CABLE
- NEW HOT WATER RECIRCULATION PIPING
- NEW VENT PIPING
- NEW SANITARY OR STORM WATER PIPING ABOVE GROUND
- NEW SANITARY OR STORM WATER PIPING BELOW GROUND
- NEW GAS PIPING
- EXISTING COLD WATER PIPING TO REMAIN
- EXISTING HOT WATER PIPING TO REMAIN
- EXISTING HOT WATER RECIRCULATION PIPING TO REMAIN
- EXISTING VENT PIPING TO REMAIN
- EXISTING SANITARY OR STORM WATER PIPING ABOVE GROUND TO REMAIN
- EXISTING SANITARY OR STORM WATER PIPING BELOW GROUND TO REMAIN
- EXISTING GAS PIPING
- EXISTING PIPE TO BE REMOVED

DRAWING NOTATIONS

- DRAWING HEXAGON NOTE TAG
- DRAWING CIRCLE NOTE TAG
- TAG SECTION DESIGNATION ON DRAWING WHERE SECTION IS CUT A-SECTION DESIGNATION B-DRAWING NUMBER
- POINT OF NEW CONNECTION TO EXISTING
- POINT OF DISCONNECTION FROM EXISTING
- REVISION SYMBOL
- RISER SYSTEM
RISER NUMBER
- PIPING FLOW DIRECTION

ABBREVIATIONS

- AFF

ABOVE FINISHED FLOOR
- BFP

BACKFLOW PREVENTER
- BVA

BALANCING VALVE ASSEMBLY
- CM

COFFEE MAKER
- COOP

CLEAN OUT DECK PLATE
- CW

COLD WATER
- DIA

DIAMETER
- DN

DOWN
- EWC

ELECTRIC WATER COOLER
- FAI

FRESH AIR INLET
- FD

FLOOR DRAIN
- FFD

FUNNEL FLOOR DRAIN
- FL

FLOOR
- FS

FLOOR SINK
- G

GAS
- HB

HOSE BIBB
- HW

HOT WATER
- HWR

HOT WATER RECIRCULATION
- IM

ICE MAKER
- LAV

LAVATORY
- LDR

LEADER
- MIN

MINIMUM
- MR

MOP RECEPTOR
- P

PLUMBING
- RD

ROOF DRAIN
- RPZ

REDUCED PRESSURE ZONE
- RTU

ROOF TOP UNIT
- S

SANITARY
- SH

SHOWER SERVICE
- SK

SINK
- ST

STORM
- UR

URINAL
- V

VENT
- VB

VACUUM BREAKER
- VIF

VERIFY IN FIELD
- VTR

VENT THRU ROOF
- W

WASTE
- WH

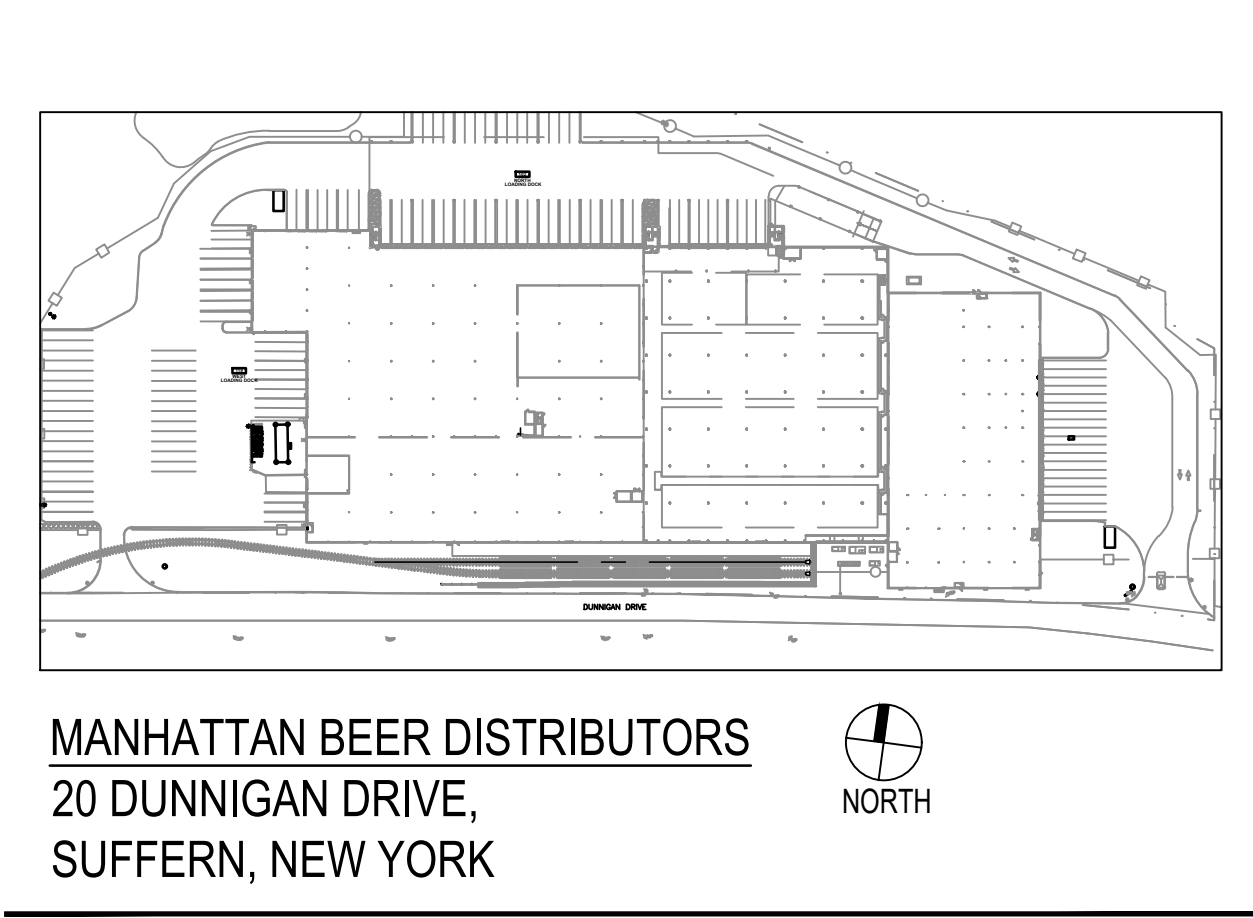
WALL HYDRANT
- WC

WATER CLOSET

PLUMBING LEGEND

- PIPE UP
- PIPE DROP
- BOTTOM CONNECTION
- TOP CONNECTION
- UNION
- PIPE SLEEVE
- CAP
- CLEANOUT
- CLEAN OUT DECK PLATE
- P-TRAP
- HOUSE TRAP
- FRESH AIR INLET
- SHOCK ABSORBER
- VACUUM BREAKER
- PRESSURE GAUGE
- THERMOMETER
- MANUAL AIR VENT
- AUTOMATIC AIR VENT
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- GATE VALVE
- GATE VALVE
- EXISTING GATE VALVE
- CHECK VALVE
- CHECK VALVE
- EXISTING CHECK VALVE
- BALL VALVE
- EXISTING BALL VALVE
- MIXING VALVE
- OS&Y VALVE
- PRESSURE REDUCING VALVE
- PRESSURE REDUCING VALVE
- SOLENOID VALVE
- BUTTERFLY VALVE
- STRAINER
- STRAINER WITH BLOWOFF
- RELIEF VALVE
- VALVE WITH HOSE BIBB
- PLUG VALVE
- DOMESTIC WATER METER
- DOUBLE DETECTOR CHECK VALVE
- BALANCING VALVE ASSEMBLY
- FLOOR DRAIN
- FLOOR DRAIN (ELEVATION)
- FUNNEL FLOOR DRAIN (ELEVATION)
- INLINE PUMP
- VENT THROUGH ROOF (ELEVATION)

PLOT PLAN



MANHATTAN BEER DISTRIBUTORS
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SUFFERN, NEW YORK

TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,
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KEY PLAN		

REV	DESCRIPTION	DATE
	ISSUED FOR DOB SUBMISSION	09/10/2021
	ISSUED FOR BID	10/15/2021

DRAWN BY : M.ESPINAL

CHECKED BY : J.CLARK

APPROVED BY : J.MIZRAHI

DATE : 04/16/21

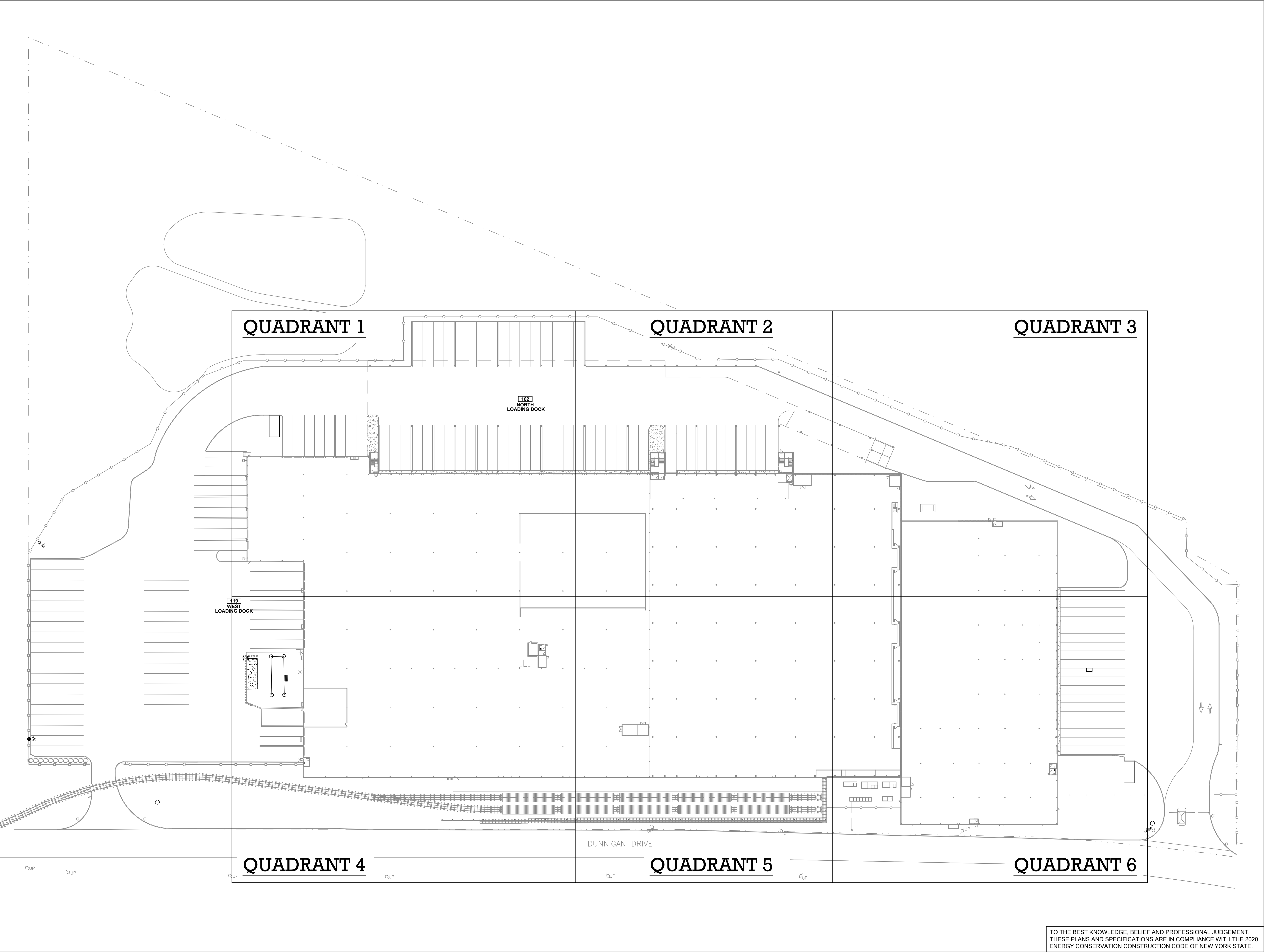
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DRAWING TITLE :

PLUMBING LEGEND AND NOTES

DWG NUMBER :

P-001



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PLUMBING KEY PLAN

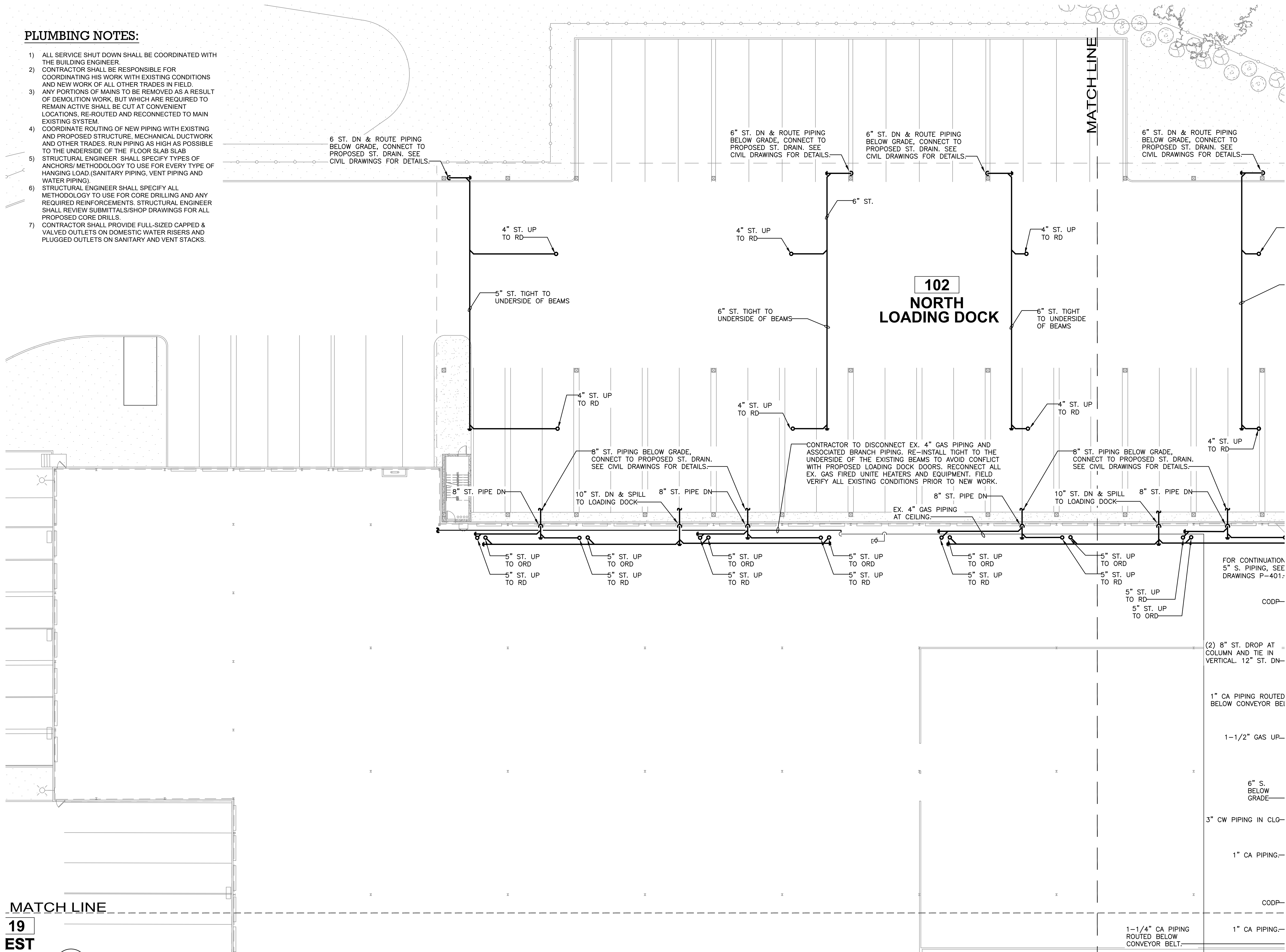
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DWG NUMBER :

P-100

PLUMBING NOTES:

- 1) ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- 2) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- 3) ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM.
- 4) COORDINATE ROUTING OF NEW PIPING WITH EXISTING AND PROPOSED STRUCTURE, MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB SLAB
- 5) STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD (SANITARY PIPING, VENT PIPING AND WATER PIPING).
- 6) STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS. STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
- 7) CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.



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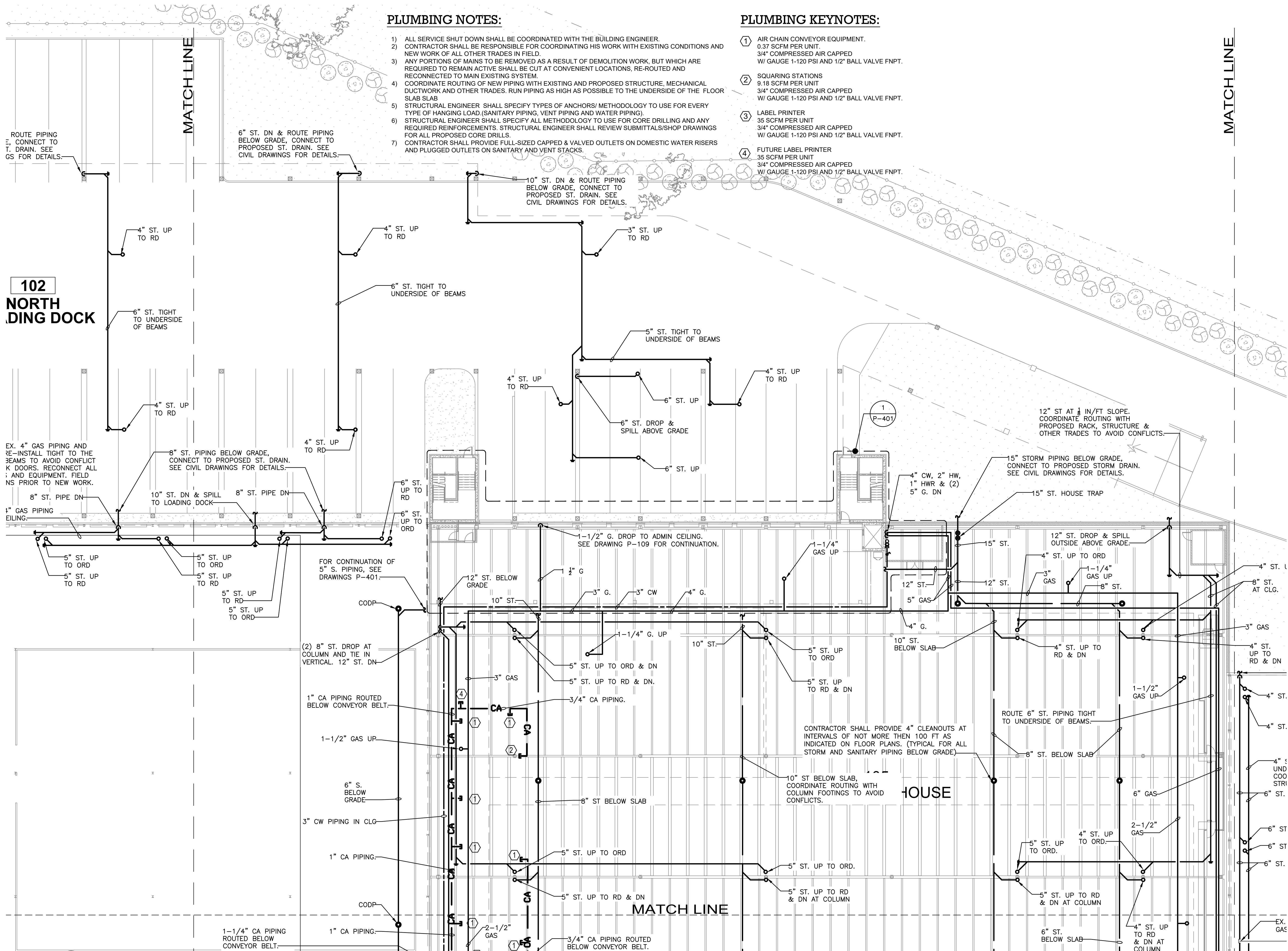
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DRAWING TITLE:
**PLUMBING L1 FLOOR PLAN
QUADRANT 1**

DWG NUMBER:

P-101

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PLUMBING NOTES:

- 1) ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- 2) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- 3) ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM.
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- 7) CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.

PLUMBING KEYNOTES:

- 1) AIR CHAIN CONVEYOR EQUIPMENT.
0.37 SCFM PER UNIT.
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 2) SQUARING STATIONS
9.18 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 3) LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 4) FUTURE LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.

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PLUMBING L1 FLOOR PLAN
QUADRANT 2

DWG NUMBER:

P-102

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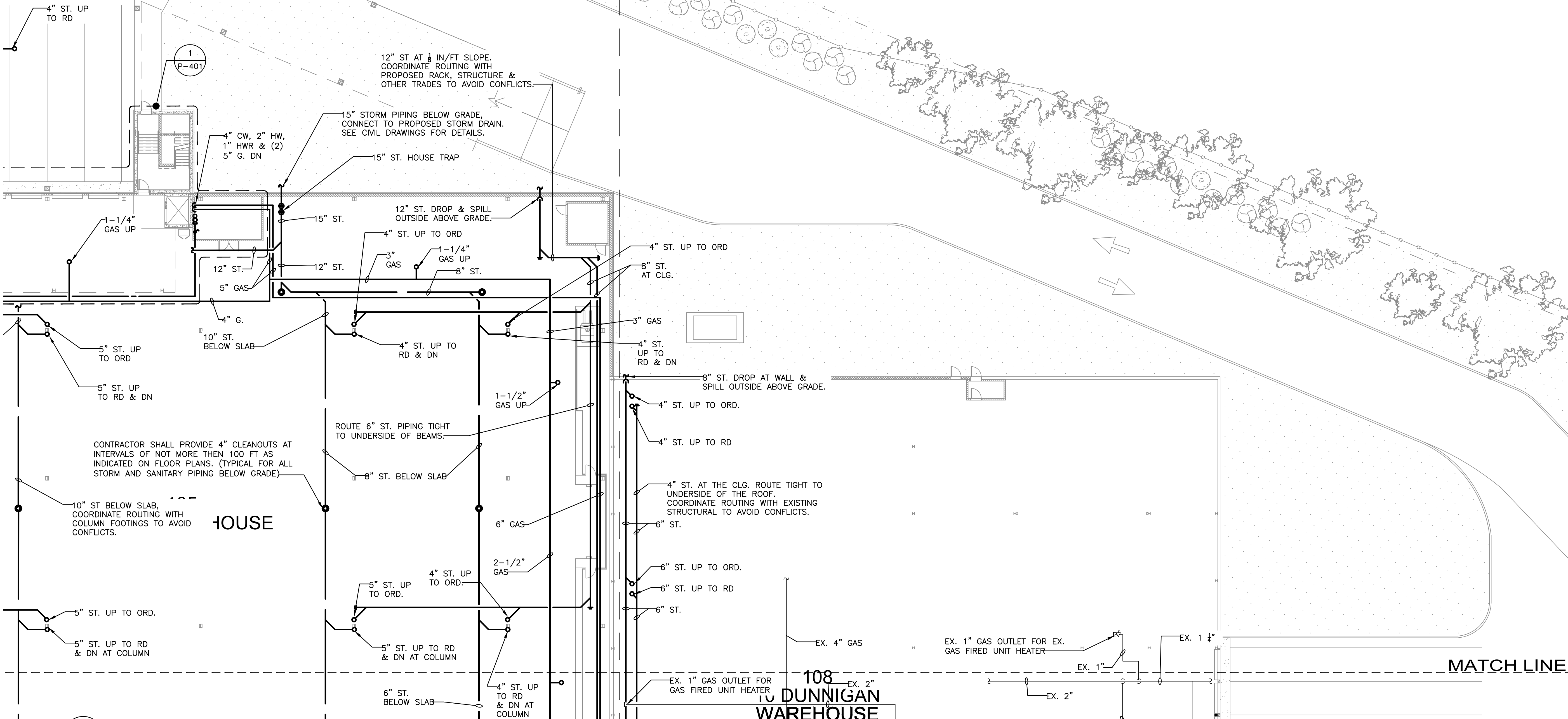
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W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
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3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 3 LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 4 FUTURE LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.

MATCH LINE

PLUMBING NOTES:

- 1) ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- 2) CONTRACTOR TO FIELD VERIFY THE EXACT SIZE AND LOCATION OF EXISTING WET COLUMN RISERS/STACKS PRIOR TO ANY CONNECTIONS.
- 3) PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING RISERS AND BRANCH PIPING PRIOR TO ANY WORK.
- 4) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- 5) ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM.
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- 10) REFER TO ARCHITECTURAL DRAWING FOR PLUMBING FIXTURE SCHEDULE. MINIMUM SPACE REQUIREMENT INSIDE STUD WALL FOR WALL HUNG WATER CLOSET CARRIER SHALL BE 11" - 14" (SINGLE WATER CLOSET).
- 11) ALL LAVATORIES SHALL BE EQUIPPED WITH THERMOSTATIC MIXING VALVES IF TEMPERATURE EXCEEDS 110 DEG. F.
- 12) CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.



1 PLUMBING L1 FLOOR PLAN - QUADRANT 3
P-103 1/16" = 1'-0"

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DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/16" = 1'-0"

DRAWING TITLE :

PLUMBING L1 FLOOR PLAN
QUADRANT 3

DWG NUMBER :

P-103

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MATCH LINE

19

EST
JG ROCK

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EX. 1" GAS OUTLET
FOR GAS FIRED
UNIT HEATER

3" CW DROP WITH
PRESSURE REDUCING VALVE.

NEW 3" DOMESTIC CW SERVICE. SEE CIVIL DRAWINGS
FOR DETAILS OF REDUCED PRESSURE PRINCIPLE
ASSEMBLY AND METER IN HOT BOX ENCLOSURE.

NEW 8" FIRE SERVICE. SEE CIVIL DRAWINGS
FOR DETAILS OF REDUCED PRESSURE
PRINCIPLE ASSEMBLY IN HOT BOX ENCLOSURE.

SEE FIRE PROTECTION
PLANS FOR CONTINUATION.

EX. 1" GAS OUTLET
FOR GAS FIRED
UNIT HEATER

EX. 1" GAS OUTLET
FOR GAS FIRED
UNIT HEATER

EX. 4" G. AT CLG

EX. 1" GAS OUTLET
FOR GAS FIRED
UNIT HEATER

EX. 1" G.

EX. 2" G.

101
20 DUNNIGAN
WAREHOUSE

2" VTR. COORDINATE EXACT
LOCATION TO AVOID CONFLICT
WITH EXISTING SOLAR PANELS &
MECHANICAL EQUIPMENT.

3
P-402

4" S. BELOW
GRADE
2" CW
AT CLG.

CUT & CONNECT NEW 5" GAS TO
EX. 4" GAS PIPING AT CEILING AS
SHOWN W/ SHUT-OFF VALVE.

6" S. BELOW GRADE

1-1/2" G. UP
CODP

1" CA PIPING DROP AT
COLUM AND ROUTE
BELOW CONVEYOR BELT

3/4" CA PIPING ROUTED
BELOW CONVEYOR BELT.
COORDINATE ROUTING TO
AVOID CONFLICTS WITH
EQUIPMENT AND STRUCTURE.

2
P-402

1" CA PIPING ROUTED BELOW
CONVEYOR BELT. COORDINATE
ROUTING TO AVOID CONFLICTS WITH
EQUIPMENT AND STRUCTURE.

3/4" CA W/ 1/2"
BALL VALVE FNPT AND
GUAGE 1-150 PSI.

3/4" CA PIPING
ROUTED BELOW
CONVEYOR BELT.

1-1/2" CA PIPING

1-1/2" GAS UP

1-1/2" GAS

6" SANITARY HOUSE TRAP. PHASE
INSTALLATION TO BE INSTALLED
ONCE AS/R SLAB IS INSTALLED.

NEW 5" GAS PIPING AT CEILING, COORDINATE
ROUTING OF PIPING WITH PROPOSED AND
EXISTING STRUCTURAL MEMBERS AND OTHER
TRADES TO AVOID CONFLICTS.

6" SANITARY PIPE
CONNECT TO EXIS
SEE CIVIL DRAWIN

PLUMBING KEYNOTES:

- 1 AIR CHAIN CONVEYOR EQUIPMENT.
0.37 SCFM PER UNIT.
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 2 SQUARING STATIONS
9.18 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 3 LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- 4 FUTURE LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.

MATCH LINE

DUNNIGAN

QUP

UP

QUP

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MANHATTAN
BEER DISTRIBUTORS

MANHATTAN BEER DISTRIBUTORS
20 DUNNIGAN DRIVE
SUFFERN, NEW YORK

KEY PLAN

REV	DESCRIPTION	DATE
	ISSUED FOR DOB SUBMISSION	09/10/2021
	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/16" = 1'-0"

DRAWING TITLE :

PLUMBING L1 FLOOR PLAN
QUADRANT 4

DWG NUMBER :

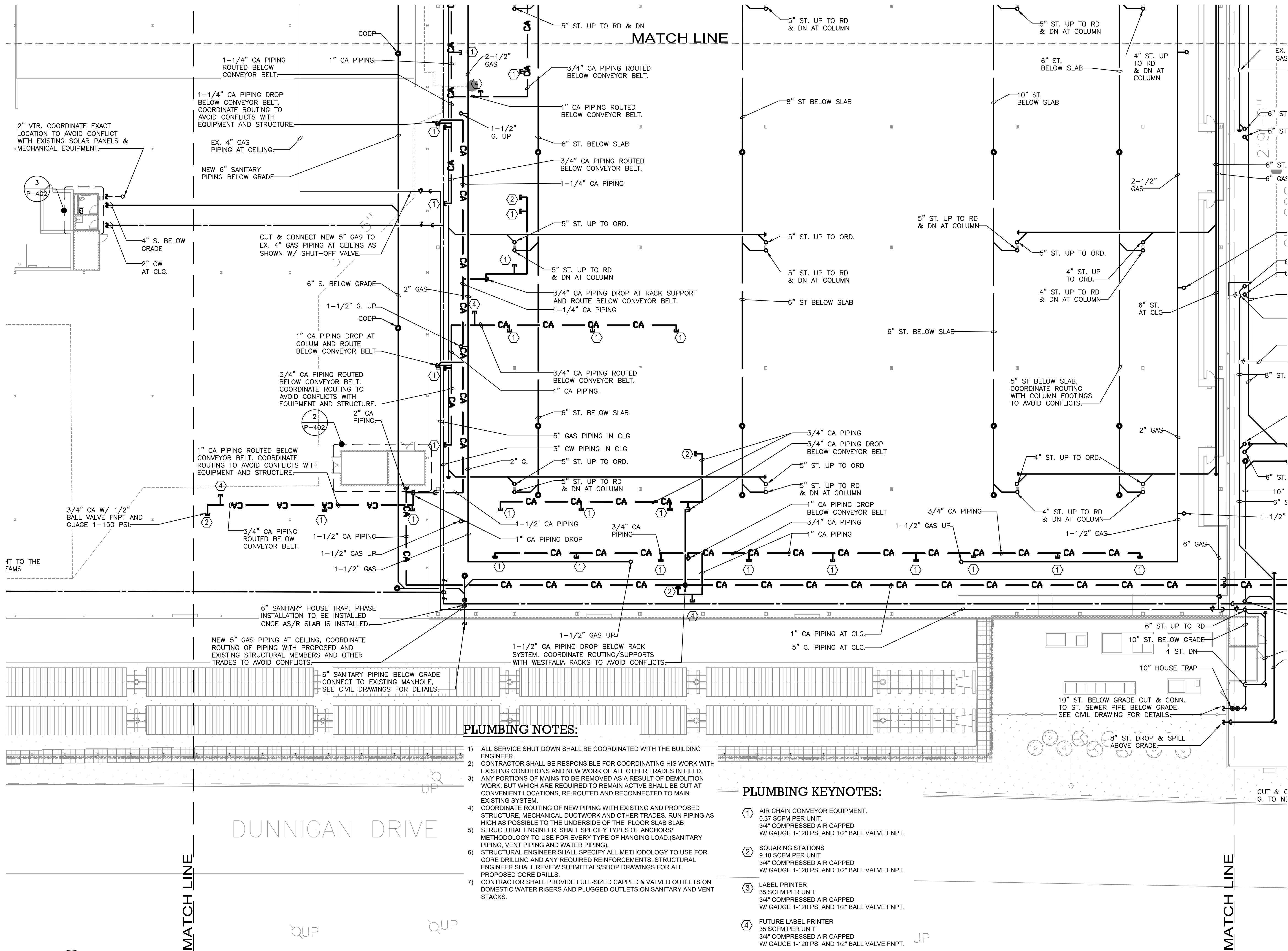
P-104

1

P-104

PLUMBING L1 FLOOR PLAN - QUADRANT 4

1/16" = 1'-0"



PLUMBING NOTES:

- 1) ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- 2) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- 3) ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM.
- 4) COORDINATE ROUTING OF NEW PIPING WITH EXISTING AND PROPOSED STRUCTURE, MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB SLAB
- 5) STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD. (SANITARY PIPING, VENT PIPING AND WATER PIPING).
- 6) STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS. STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
- 7) CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.

PLUMBING KEYNOTES:

- ① AIR CHAIN CONVEYOR EQUIPMENT.
0.37 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- ② SQUARING STATIONS
9.18 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- ③ LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- ④ FUTURE LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.

TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

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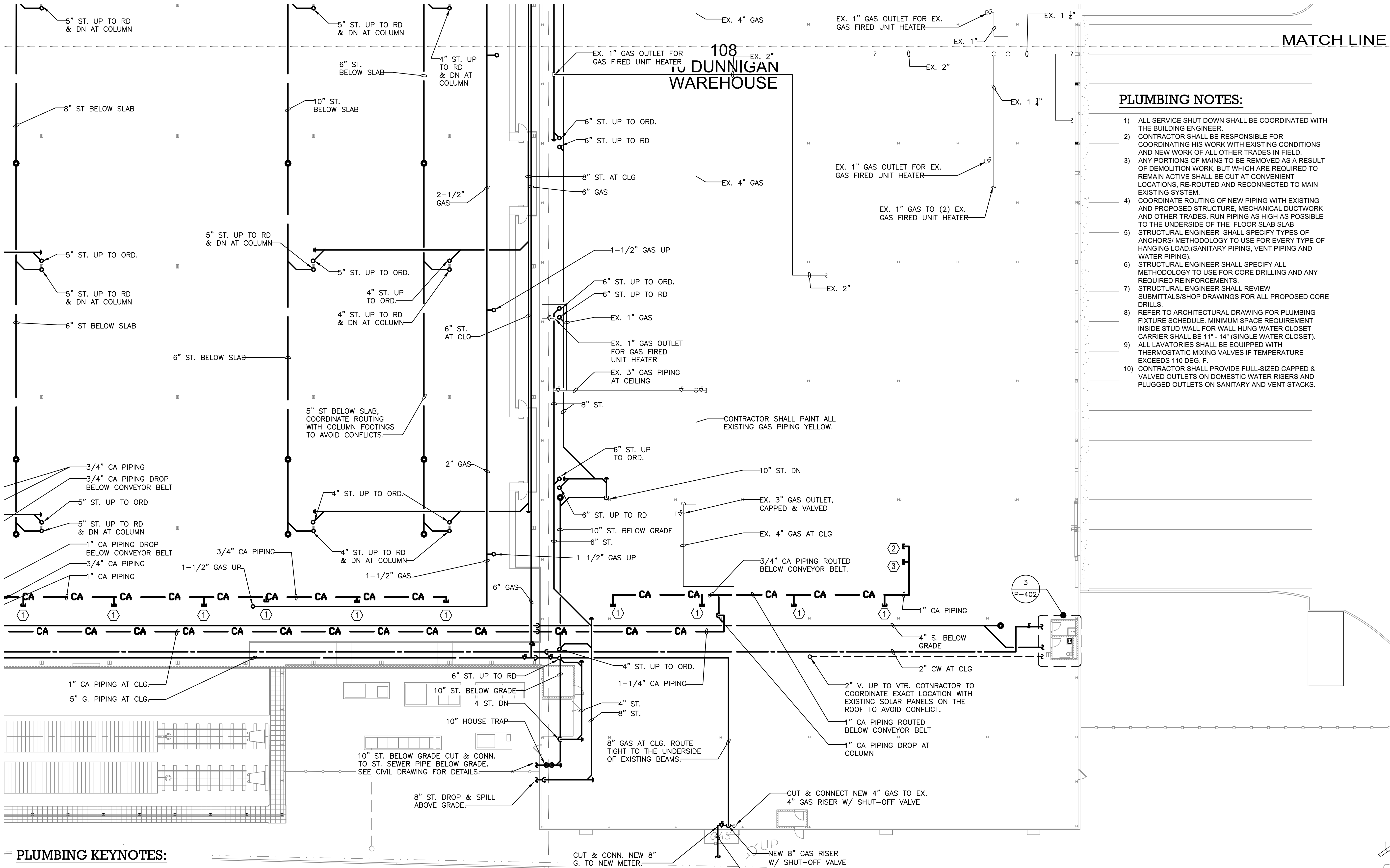
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SUFFERN, NEW YORK

KEY PLAN

REV	DESCRIPTION	DATE
	ISSUED FOR DOB SUBMISSION	09/10/2021
	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/16" = 1'-0"
DRAWING TITLE :	
PLUMBING L1 FLOOR PLAN QUADRANT 5	
DWG NUMBER :	
P-105	



PLUMBING KEYNOTES:

- AIR CHAIN CONVEYOR EQUIPMENT.
0.37 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- SQUARING STATIONS
9.18 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.
- FUTURE LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE FNPT.

1 PLUMBING L1 FLOOR PLAN - QUADRANT 6
P-106 1/16" = 1'-0"

PLUMBING NOTES:

- ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM.
- COORDINATE ROUTING OF NEW PIPING WITH EXISTING AND PROPOSED STRUCTURE, MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB SLAB
- STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD (SANITARY PIPING, VENT PIPING AND WATER PIPING).
- STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS.
- STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
- REFER TO ARCHITECTURAL DRAWING FOR PLUMBING FIXTURE SCHEDULE. MINIMUM SPACE REQUIREMENT INSIDE STUD WALL FOR WALL HUNG WATER CLOSET CARRIER SHALL BE 11" - 14" (SINGLE WATER CLOSET).
- ALL LAVATORIES SHALL BE EQUIPPED WITH THERMOSTATIC MIXING VALVES IF TEMPERATURE EXCEEDS 110 DEG. F.
- CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.

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KEY PLAN

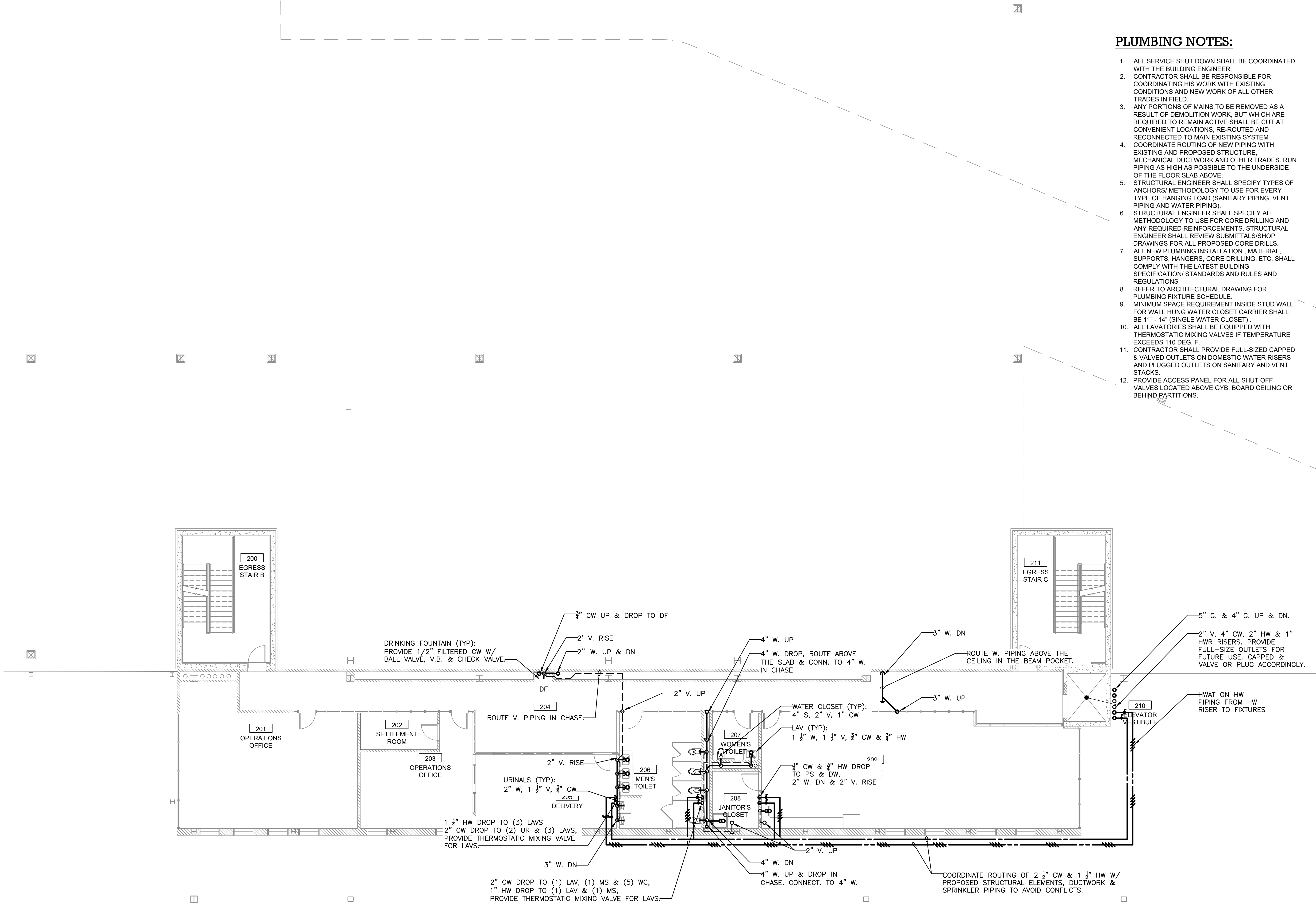
REV	DESCRIPTION	DATE
	ISSUED FOR DOB SUBMISSION	09/10/2021
	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/16" = 1'-0"

DRAWING TITLE :
**PLUMBING L1 FLOOR PLAN
QUADRANT 6**

DWG NUMBER :
P-106

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PLUMBING NOTES:

1. ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
3. ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM
4. COORDINATE ROUTING OF NEW PIPING WITH EXISTING AND PROPOSED STRUCTURE, MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB ABOVE.
5. STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD.(SANITARY PIPING, VENT PIPING AND WATER PIPING).
6. STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS. STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
7. ALL NEW PLUMBING INSTALLATION , MATERIAL, SUPPORTS, HANGERS, CORE DRILLING, ETC. SHALL COMPLY WITH THE LATEST BUILDING SPECIFICATION/ STANDARDS AND RULES AND REGULATIONS
8. REFER TO ARCHITECTURAL DRAWING FOR PLUMBING FIXTURE SCHEDULE.
9. MINIMUM SPACE REQUIREMENT INSIDE STUD WALL FOR WALL HUNG WATER CLOSET CARRIER SHALL BE 11" - 14" (SINGLE WATER CLOSET) .
10. ALL LAVATORIES SHALL BE EQUIPPED WITH THERMOSTATIC MIXING VALVES IF TEMPERATURE EXCEEDS 110 DEG. F.
11. CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.
12. PROVIDE ACCESS PANEL FOR ALL SHUT OFF VALVES LOCATED ABOVE GYB. BOARD CEILING OR BEHIND PARTITIONS.

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KEY PLAN

REV	DESCRIPTION	DATE
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	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/8" = 1'-0"

DRAWING TITLE :

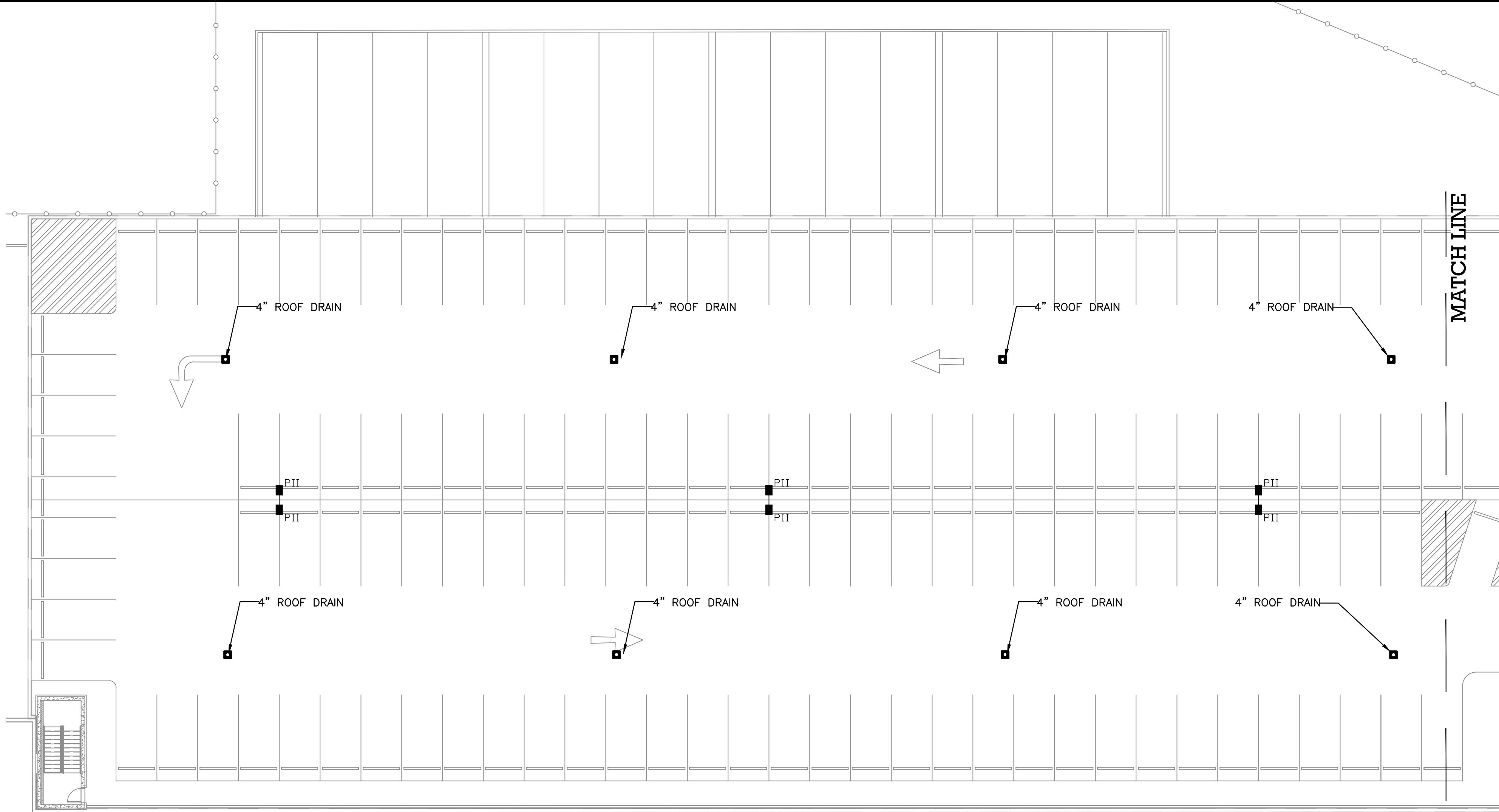
PLUMBING L2 FLOOR PLAN

DWG NUMBER :

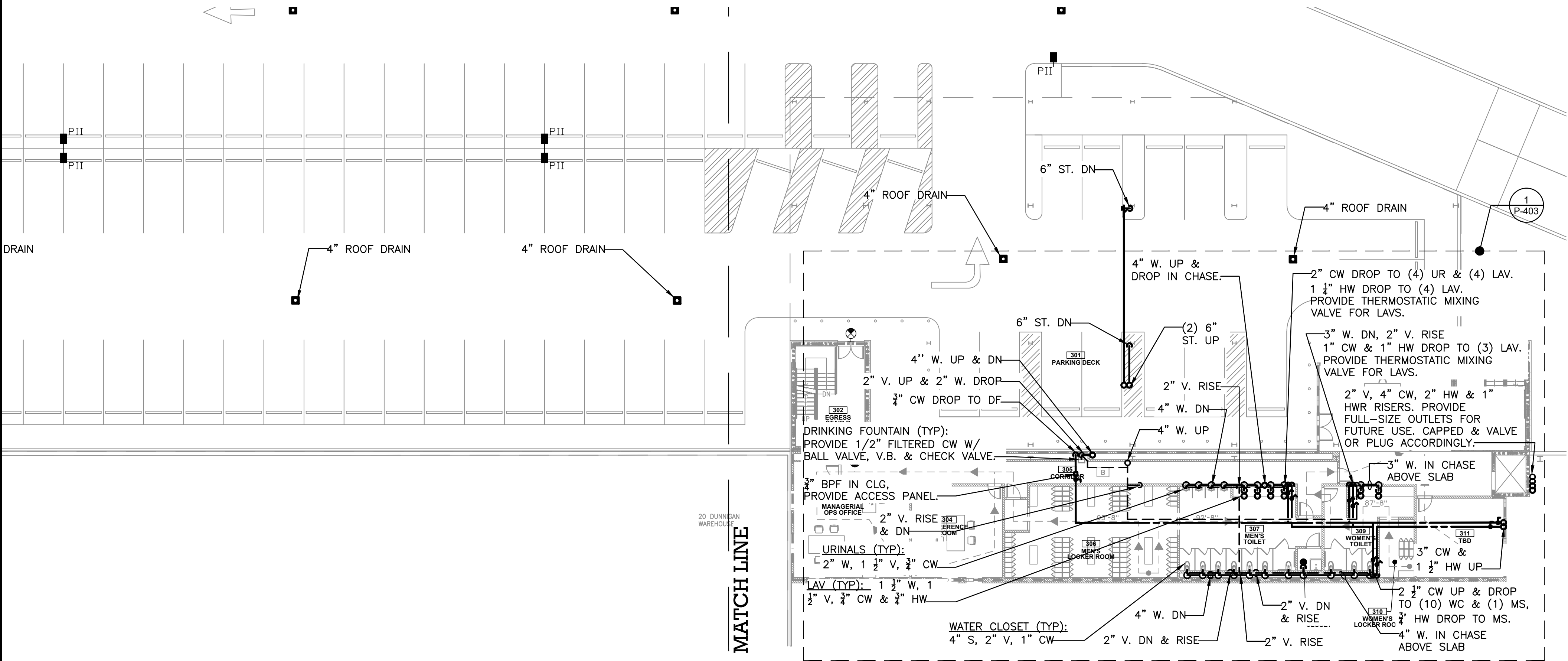
P-107

PLUMBING NOTES:

1. ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
2. CONTRACTOR TO FIELD VERIFY THE EXACT SIZE AND LOCATION OF EXISTING WET COLUMN RISERS/STACKS PRIOR TO ANY CONNECTIONS.
3. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING RISERS AND BRANCH PIPING PRIOR TO ANY WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
5. COORDINATE ROUTING OF NEW PIPING AND WITH EXISTING STRUCTURE, EXISTING MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB ABOVE.
6. STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD.(SANITARY PIPING, VENT PIPING AND WATER PIPING).
7. STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS. STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
8. REFER TO ARCHITECTURAL DRAWING FOR PLUMBING FIXTURE SCHEDULE.
9. MINIMUM SPACE REQUIREMENT INSIDE STUD WALL FOR WALL HUNG WATER CLOSET CARRIER SHALL BE 11"- 14" (SINGLE WATER CLOSET) AND 16"-24" BACK TO BACK WATER CLOSET.
10. ALL LAVATORIES SHALL BE EQUIPPED WITH THERMOSTATIC MIXING VALVES IF TEMPERATURE EXCEEDS 110 DEG. F.
11. CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.



1 PARKING DECK PART PLAN
P-108 1/16" = 1'-0"



2 PARKING DECK PART PLAN
P-108 1/16" = 1'-0"



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KEY PLAN

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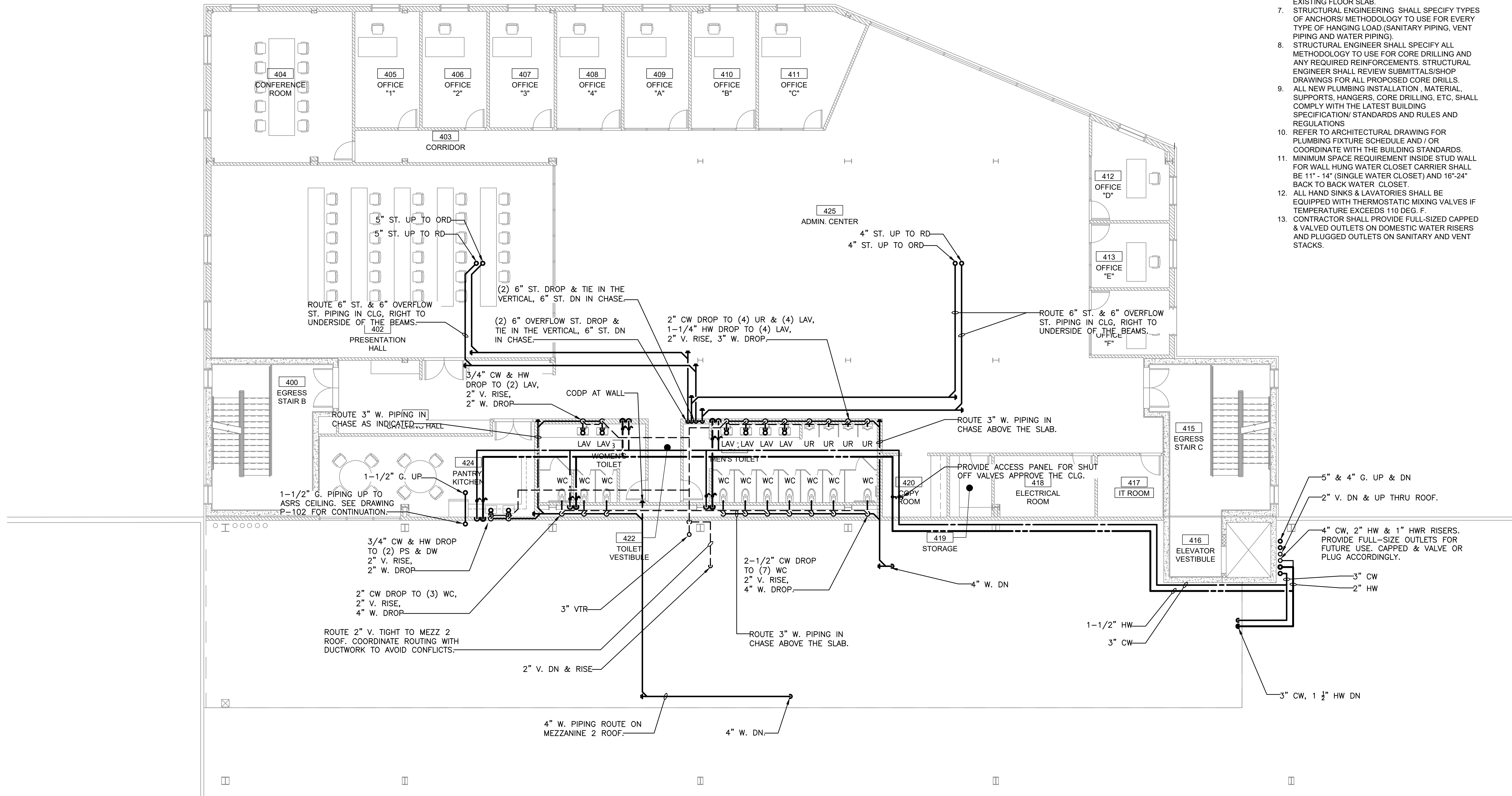
DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/8" = 1'-0"

DRAWING TITLE :

PLUMBING L3 FLOOR PLAN

DWG NUMBER :

P-108



PLUMBING NOTES:

1. ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
2. CONTRACTOR TO FIELD VERIFY THE EXACT SIZE AND LOCATION OF EXISTING WET COLUMN RISERS/STACKS PRIOR TO ANY CONNECTIONS.
3. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING RISERS AND BRANCH PIPING PRIOR TO ANY WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
5. ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM
6. COORDINATE ROUTING OF NEW PIPING AND WITH EXISTING STRUCTURE, EXISTING MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE EXISTING FLOOR SLAB.
7. STRUCTURAL ENGINEERING SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD. (SANITARY PIPING, VENT PIPING AND WATER PIPING).
8. STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS. STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
9. ALL NEW PLUMBING INSTALLATION , MATERIAL, SUPPORTS, HANGERS, CORE DRILLING, ETC, SHALL COMPLY WITH THE LATEST BUILDING SPECIFICATION/ STANDARDS AND RULES AND REGULATIONS.
10. REFER TO ARCHITECTURAL DRAWING FOR PLUMBING FIXTURE SCHEDULE AND / OR COORDINATE WITH THE BUILDING STANDARDS.
11. MINIMUM SPACE REQUIREMENT INSIDE STUD WALL FOR WALL HUNG WATER CLOSET CARRIER SHALL BE 11" - 14" (SINGLE WATER CLOSET) AND 16"-24" BACK TO BACK WATER CLOSET.
12. ALL HAND SINKS & LAVATORIES SHALL BE EQUIPPED WITH THERMOSTATIC MIXING VALVES IF TEMPERATURE EXCEEDS 110 DEG. F.
13. CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.

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KEY PLAN

REV	DESCRIPTION	DATE
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	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
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APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/8" = 1'-0"

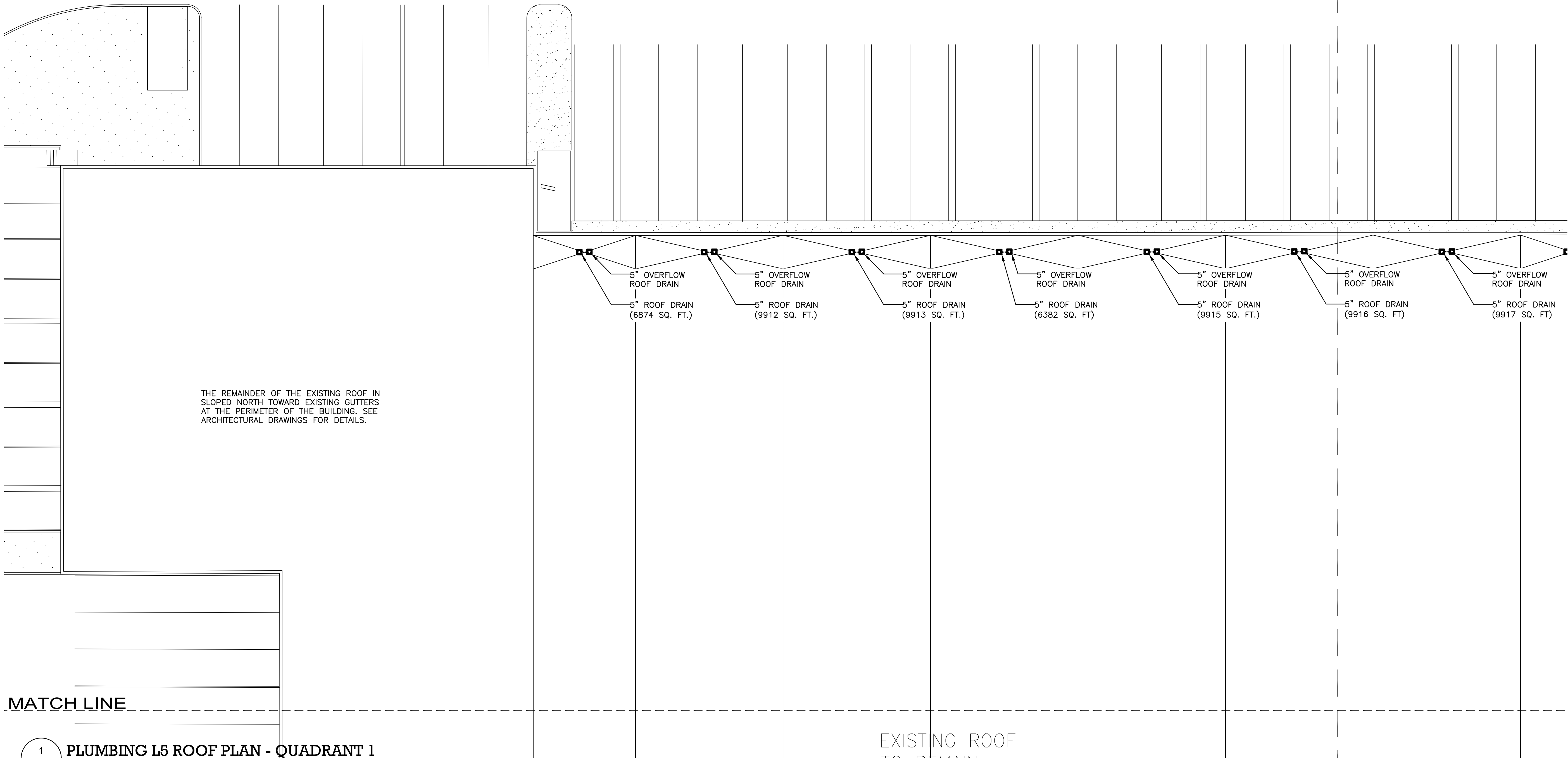
DRAWING TITLE :
PLUMBING L4 FLOOR PLAN

DWG NUMBER :
P-109

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THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020
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PLUMBING NOTES:

- 1) ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- 2) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- 3) COORDINATE ROUTING OF NEW PIPING WITH EXISTING AND PROPOSED STRUCTURE AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB SLAB
- 4) STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD. (SANITARY PIPING, VENT PIPING AND WATER PIPING)
- 5) STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS.
- 6) STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.



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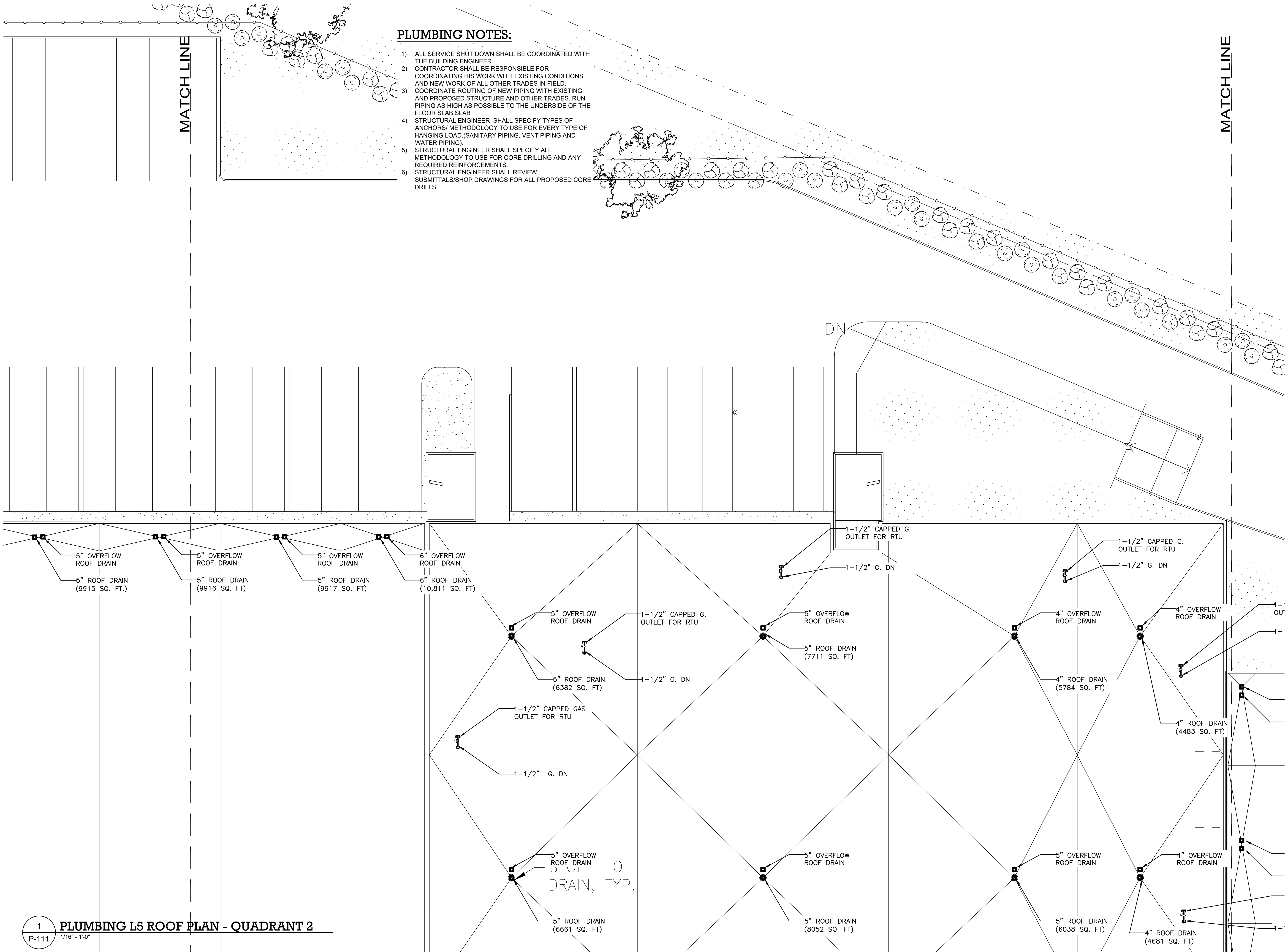
DRAWING TITLE :

PLUMBING L5 ROOF PLAN
QUADRANT 1

DWG NUMBER :

P-110

TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,
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ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.



PLUMBING NOTES:

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- 2) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
- 3) COORDINATE ROUTING OF NEW PIPING WITH EXISTING AND PROPOSED STRUCTURE AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE FLOOR SLAB SLAB.
- 4) STRUCTURAL ENGINEER SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD.(SANITARY PIPING, VENT PIPING AND WATER PIPING).
- 5) STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS.
- 6) STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.

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MANHATTAN BEER DISTRIBUTORS
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SUFFERN, NEW YORK

KEY PLAN

REV	DESCRIPTION	DATE
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	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	1/16" = 1'-0"

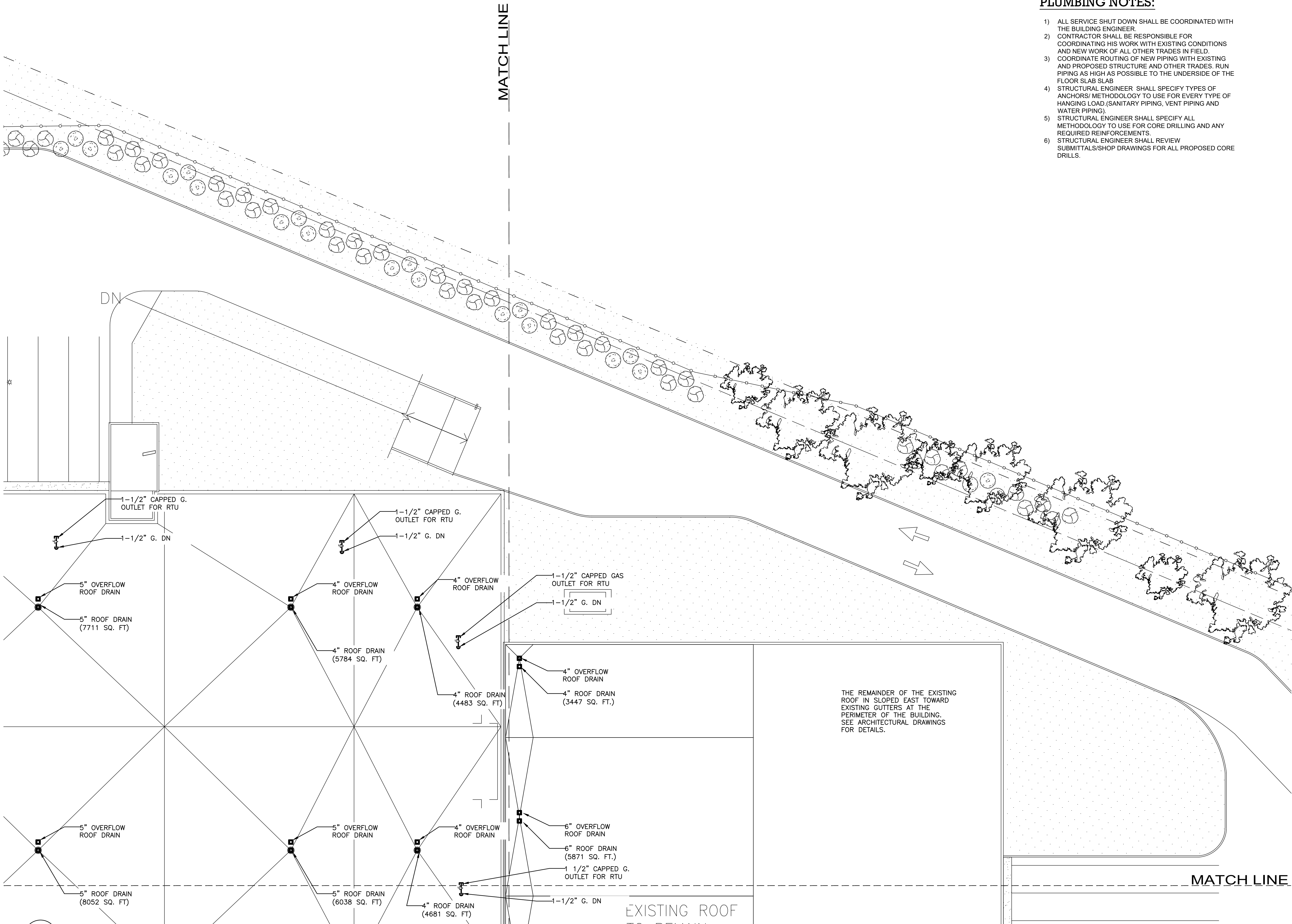
DRAWING TITLE :

**PLUMBING L5 ROOF PAN
QUADRANT 2**

DWG NUMBER :

P-111

TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,
THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020
ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.



PLUMBING NOTES:

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DATE :	04/16/21
SCALE :	1/16" = 1'-0"

DRAWING TITLE :

PLUMBING L5 ROOF PLAN
QUADRANT 3

DWG NUMBER :

P-112

TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,
THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020
ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

MATCH LINE

PLUMBING NOTES:

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EXISTING ROOF
TO REMAIN

THE REMAINDER OF THE EXISTING ROOF IN
SLOPED SOUTH TOWARD EXISTING GUTTERS
AT THE PERIMETER OF THE BUILDING. SEE
ARCHITECTURAL DRAWINGS FOR DETAILS.

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DRAWING TITLE :

PLUMBING L5 ROOF PLAN
QUADRANT 4

DWG NUMBER :

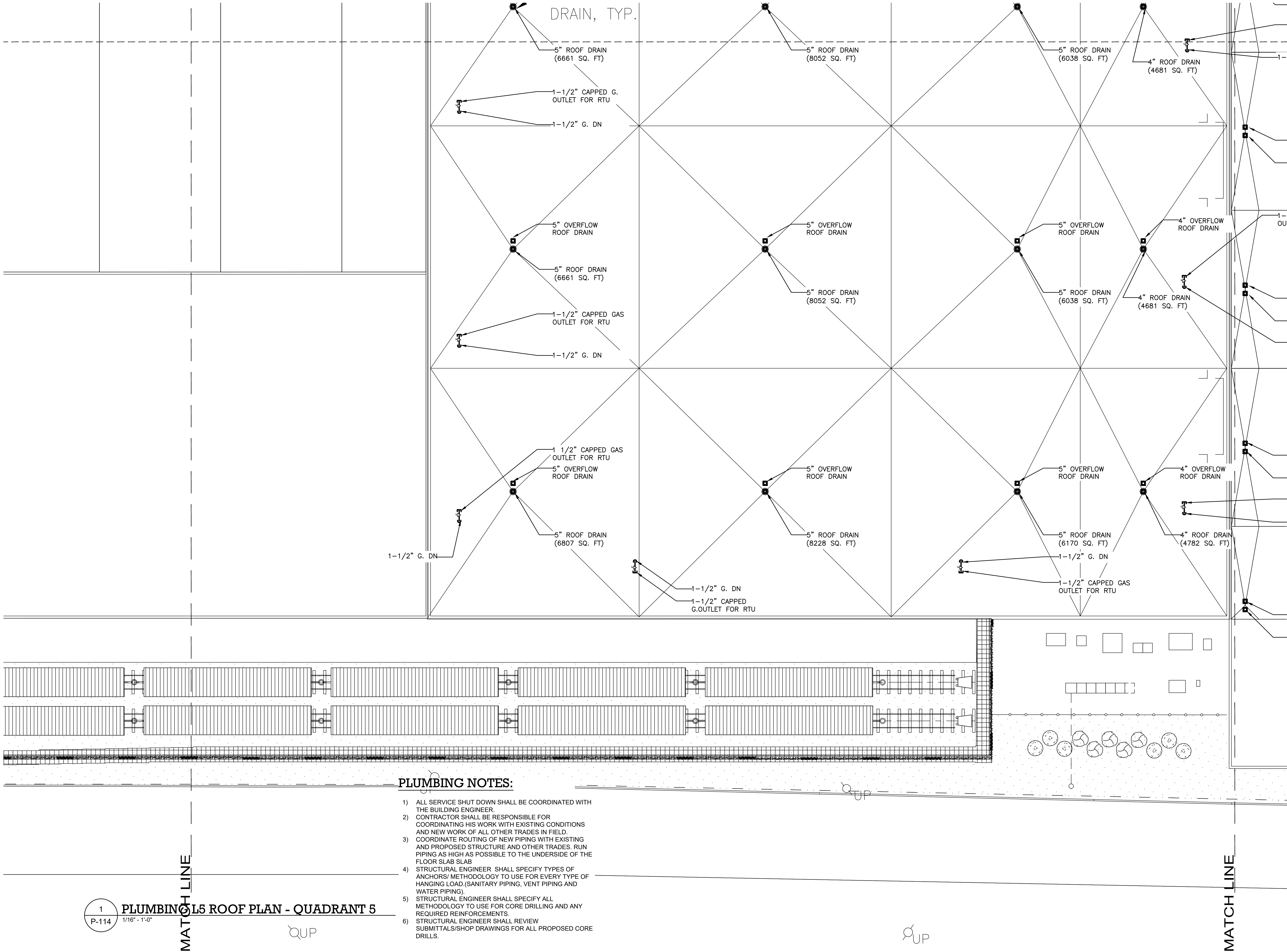
P-113

1
P-113
PLUMBING L5 ROOF PLAN - QUADRANT 4
1/16" = 1'-0"

QUP

QUP

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PLUMBING NOTES:

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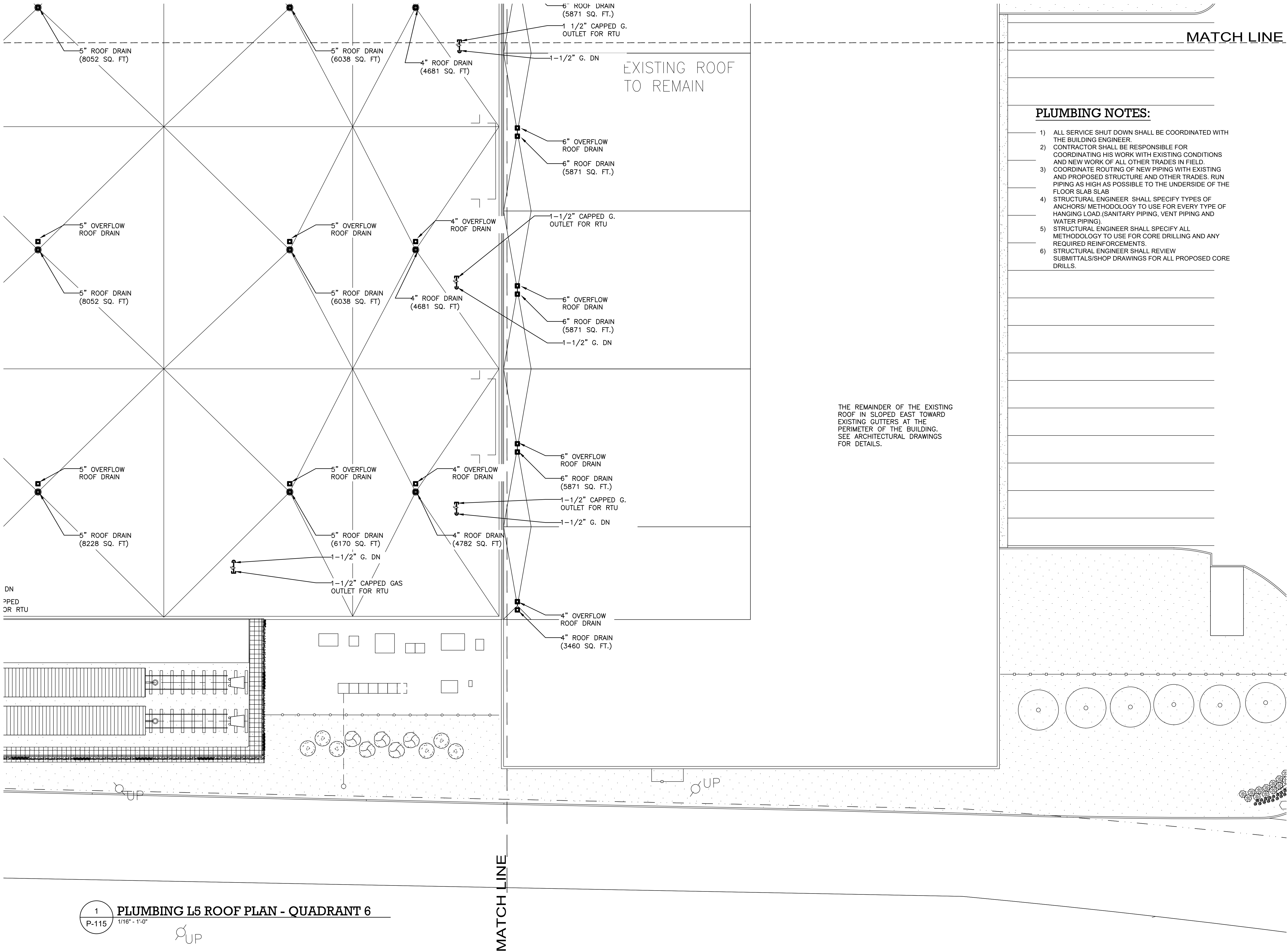
DRAWING TITLE :

PLUMBING L5 ROOF PLAN
QUADRANT 5

DWG NUMBER :

P-114

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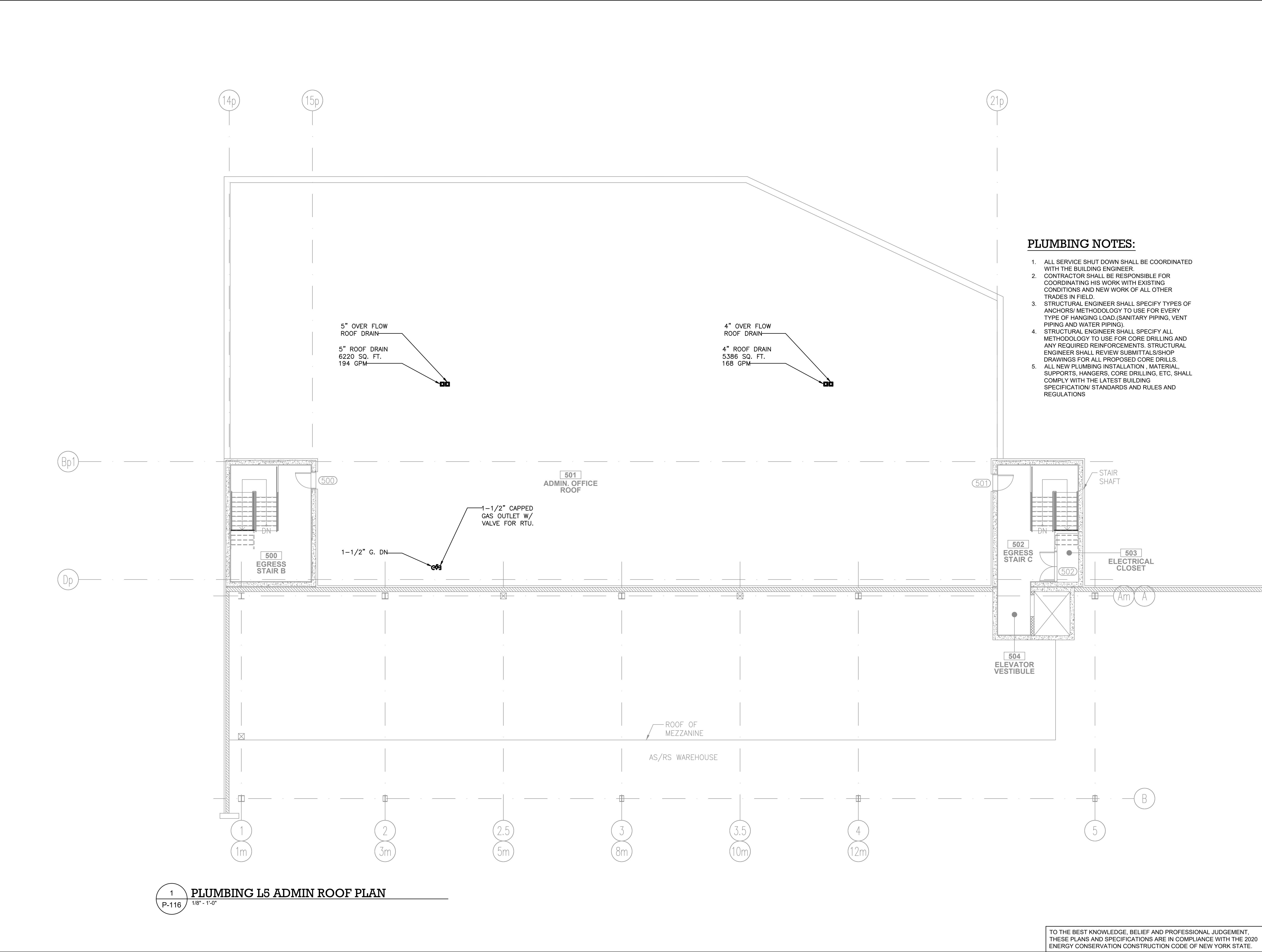
DRAWING TITLE :

PLUMBING L5 ROOF PLAN - QUADRANT 6

DWG NUMBER :

P-115

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M.ESPINAL

CHECKED BY :

J.CLARK

APPROVED BY :

J.MIZRAHI

DATE :

04/16/21

SCALE :

1/8" = 1'-0"

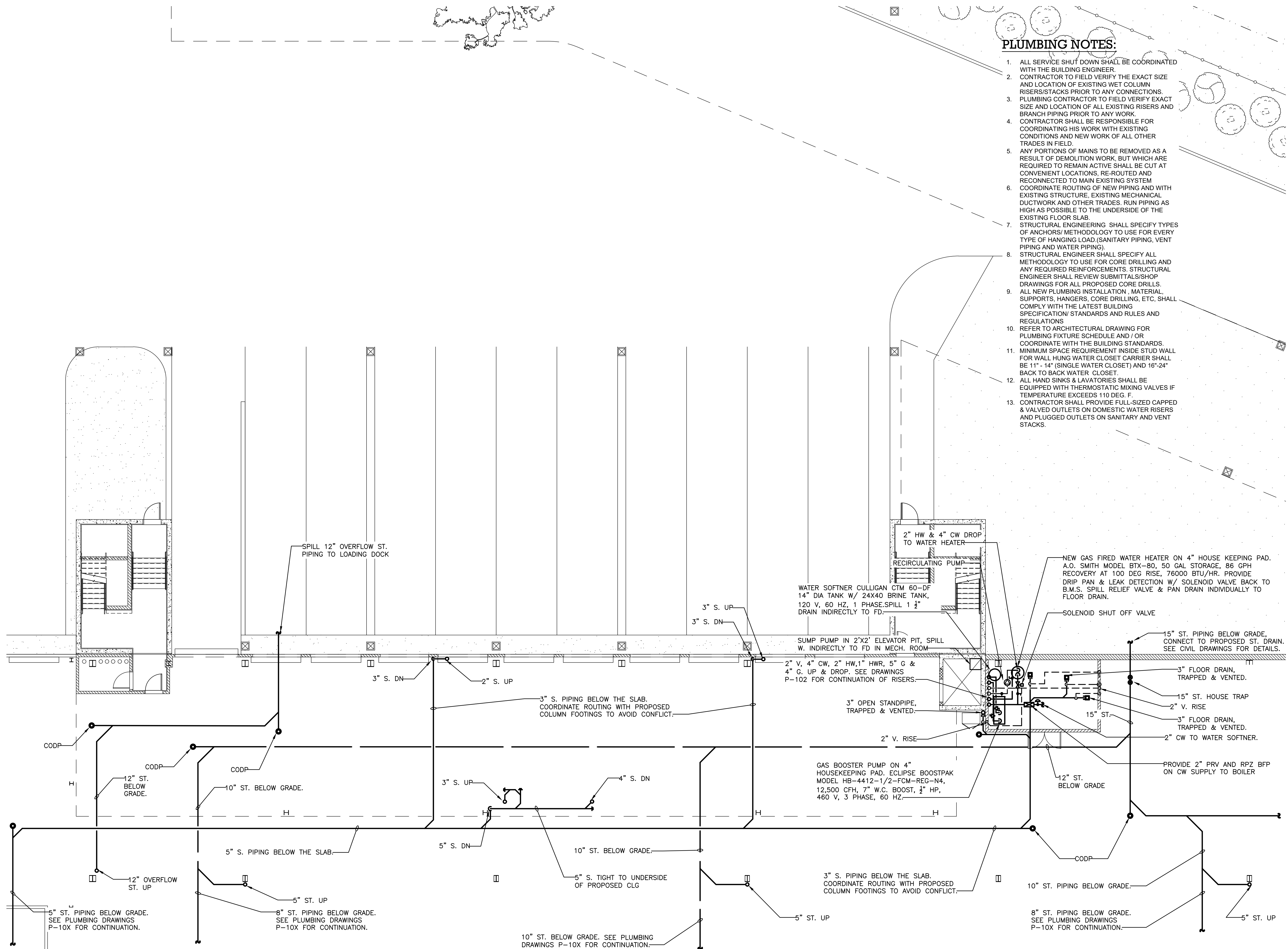
DRAWING TITLE :

PLUMBING L5 ADMIN ROOF PLAN

DWG NUMBER :

P-116

TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,
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ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.



PLUMBING NOTES:

1. ALL SERVICE SHUT DOWN SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
2. CONTRACTOR TO FIELD VERIFY THE EXACT SIZE AND LOCATION OF EXISTING WET COLUMN RISERS/STACKS PRIOR TO ANY CONNECTIONS.
3. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING RISERS AND BRANCH PIPING PRIOR TO ANY WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH EXISTING CONDITIONS AND NEW WORK OF ALL OTHER TRADES IN FIELD.
5. ANY PORTIONS OF MAINS TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE CUT AT CONVENIENT LOCATIONS, RE-ROUTED AND RECONNECTED TO MAIN EXISTING SYSTEM
6. COORDINATE ROUTING OF NEW PIPING AND WITH EXISTING STRUCTURE, EXISTING MECHANICAL DUCTWORK AND OTHER TRADES. RUN PIPING AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE EXISTING FLOOR SLAB.
7. STRUCTURAL ENGINEERING SHALL SPECIFY TYPES OF ANCHORS/ METHODOLOGY TO USE FOR EVERY TYPE OF HANGING LOAD (SANITARY PIPING, VENT PIPING AND WATER PIPING).
8. STRUCTURAL ENGINEER SHALL SPECIFY ALL METHODOLOGY TO USE FOR CORE DRILLING AND ANY REQUIRED REINFORCEMENTS. STRUCTURAL ENGINEER SHALL REVIEW SUBMITTALS/SHOP DRAWINGS FOR ALL PROPOSED CORE DRILLS.
9. ALL NEW PLUMBING INSTALLATION, MATERIAL, SUPPORTS, HANGERS, CORE DRILLING, ETC, SHALL COMPLY WITH THE LATEST BUILDING SPECIFICATION/ STANDARDS AND RULES AND REGULATIONS
10. REFER TO ARCHITECTURAL DRAWING FOR PLUMBING FIXTURE SCHEDULE AND / OR COORDINATE WITH THE BUILDING STANDARDS.
11. MINIMUM SPACE REQUIREMENT INSIDE STUD WALL FOR WALL HUNG WATER CLOSET CARRIER SHALL BE 11"-14" (SINGLE WATER CLOSET) AND 16"-24" BACK TO BACK WATER CLOSET
12. ALL HAND SINKS & LAVATORIES SHALL BE EQUIPPED WITH THERMOSTATIC MIXING VALVES IF TEMPERATURE EXCEEDS 110 DEG. F.
13. CONTRACTOR SHALL PROVIDE FULL-SIZED CAPPED & VALVED OUTLETS ON DOMESTIC WATER RISERS AND PLUGGED OUTLETS ON SANITARY AND VENT STACKS.

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KEY PLAN

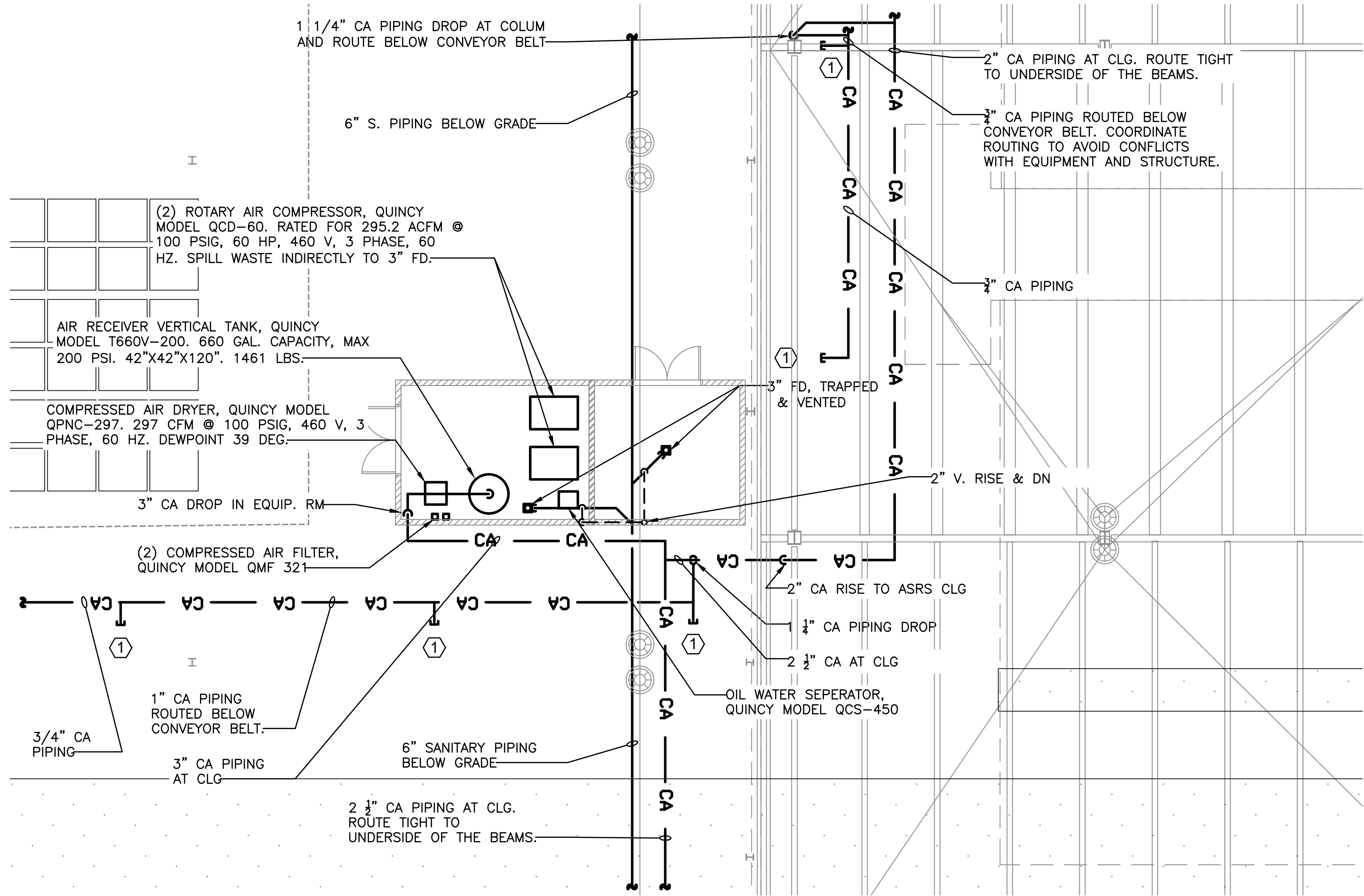
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DRAWN BY :	M.ESPINAL
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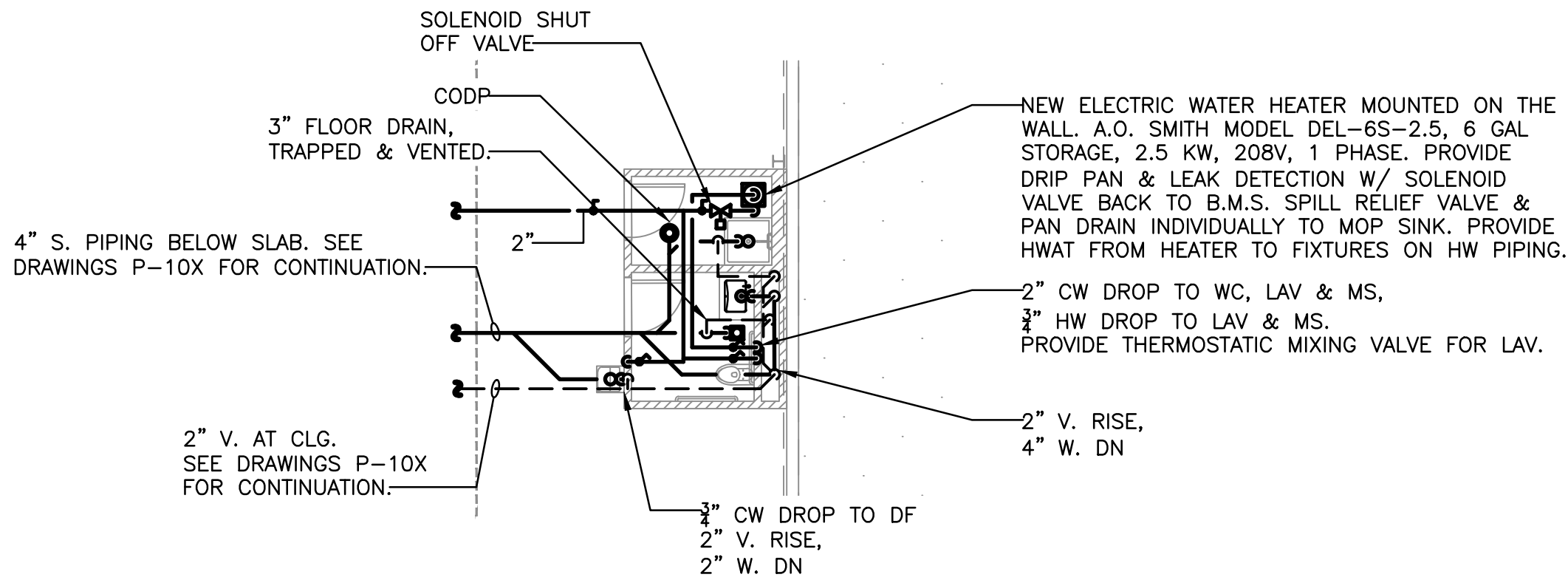
**PLUMBING L1 FLOOR PARTIAL
WAREHOUSE PART PLAN**

DWG NUMBER :	P-401
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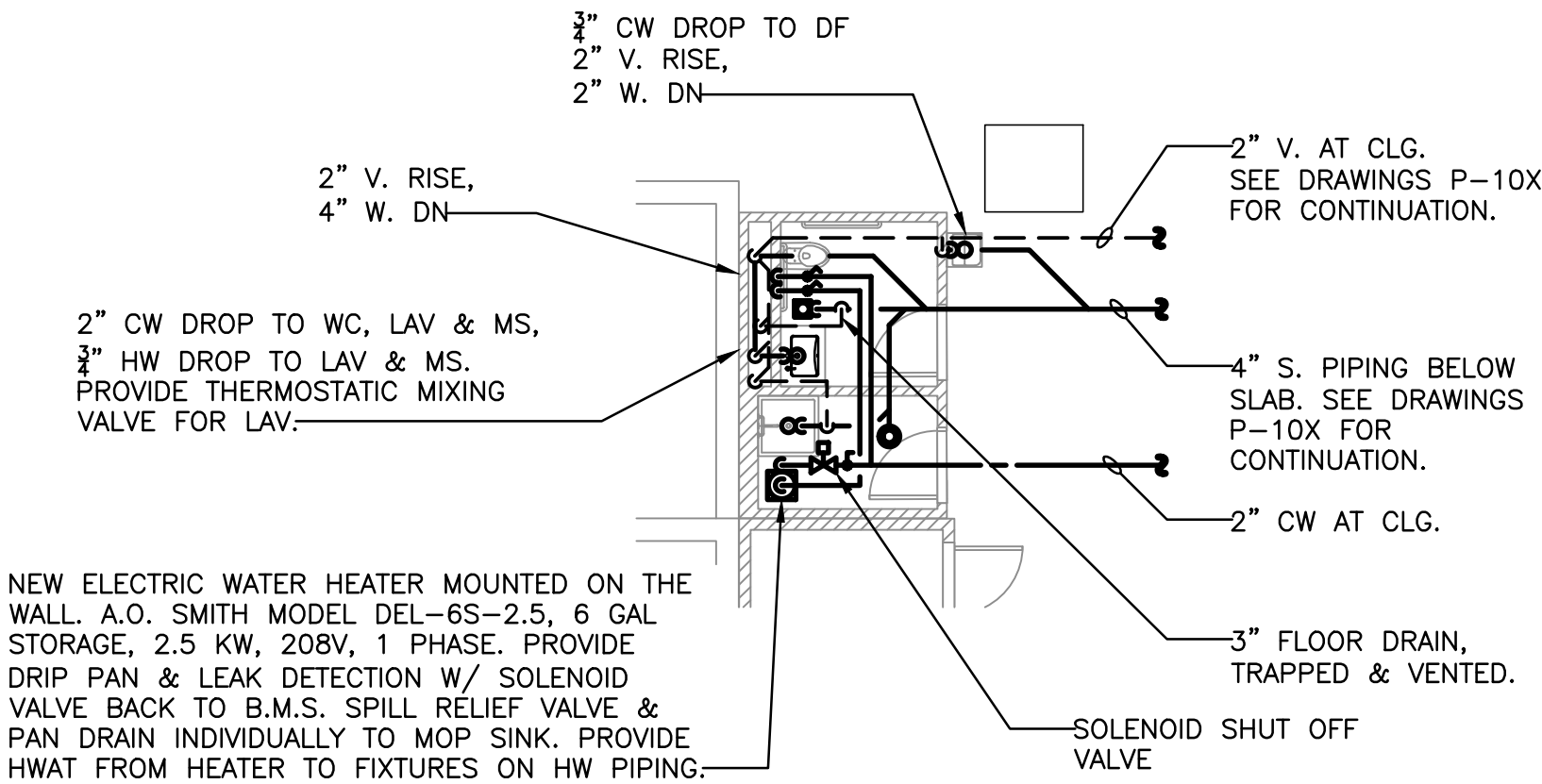
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ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.



2 PLUMBING 1ST FLOOR COMPRESSED AIR ROOM PART PLAN
P-402 1/8" = 1'-0"



2 10 DUNNIGAN RESTROOM PART PLAN
P-402 1/8" = 1'-0"



2 20 DUNNIGAN RESTROOM PART PLAN
P-402 1/8" = 1'-0"

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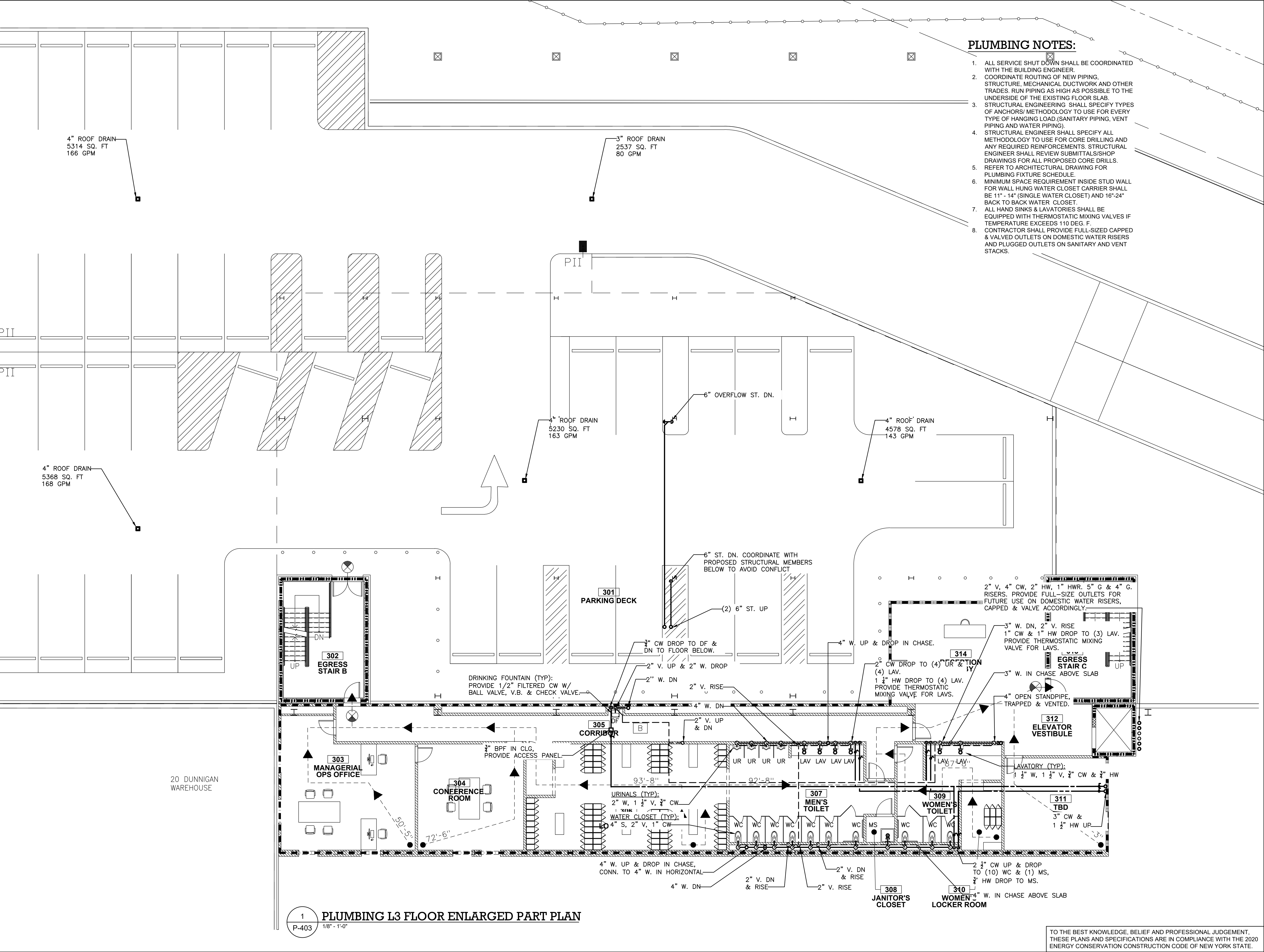
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DATE :	04/16/21
SCALE :	1/8" = 1'-0"

DRAWING TITLE :

PLUMBING L1 PART PLANS

DWG NUMBER :

P-402



PLUMBING NOTES:

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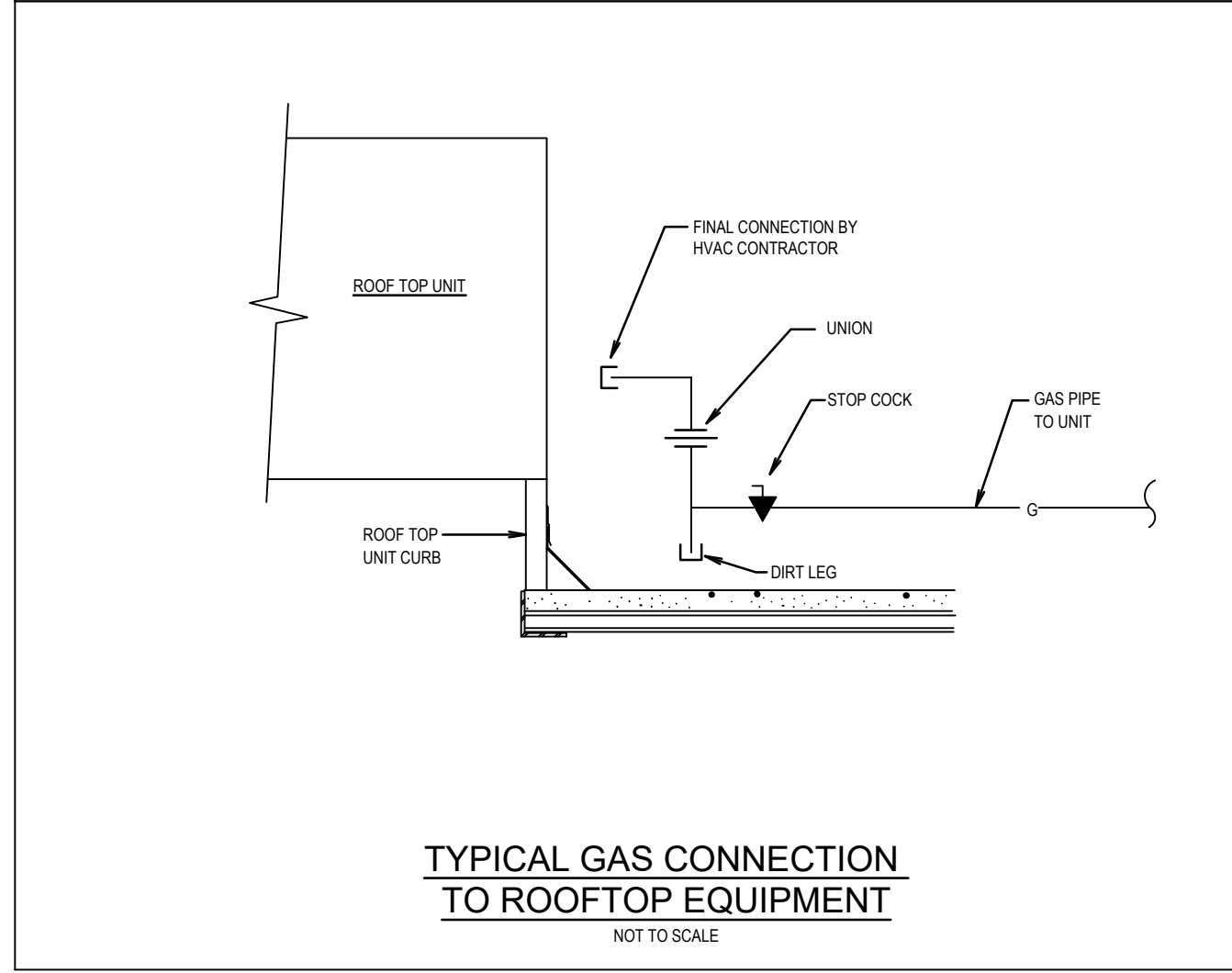
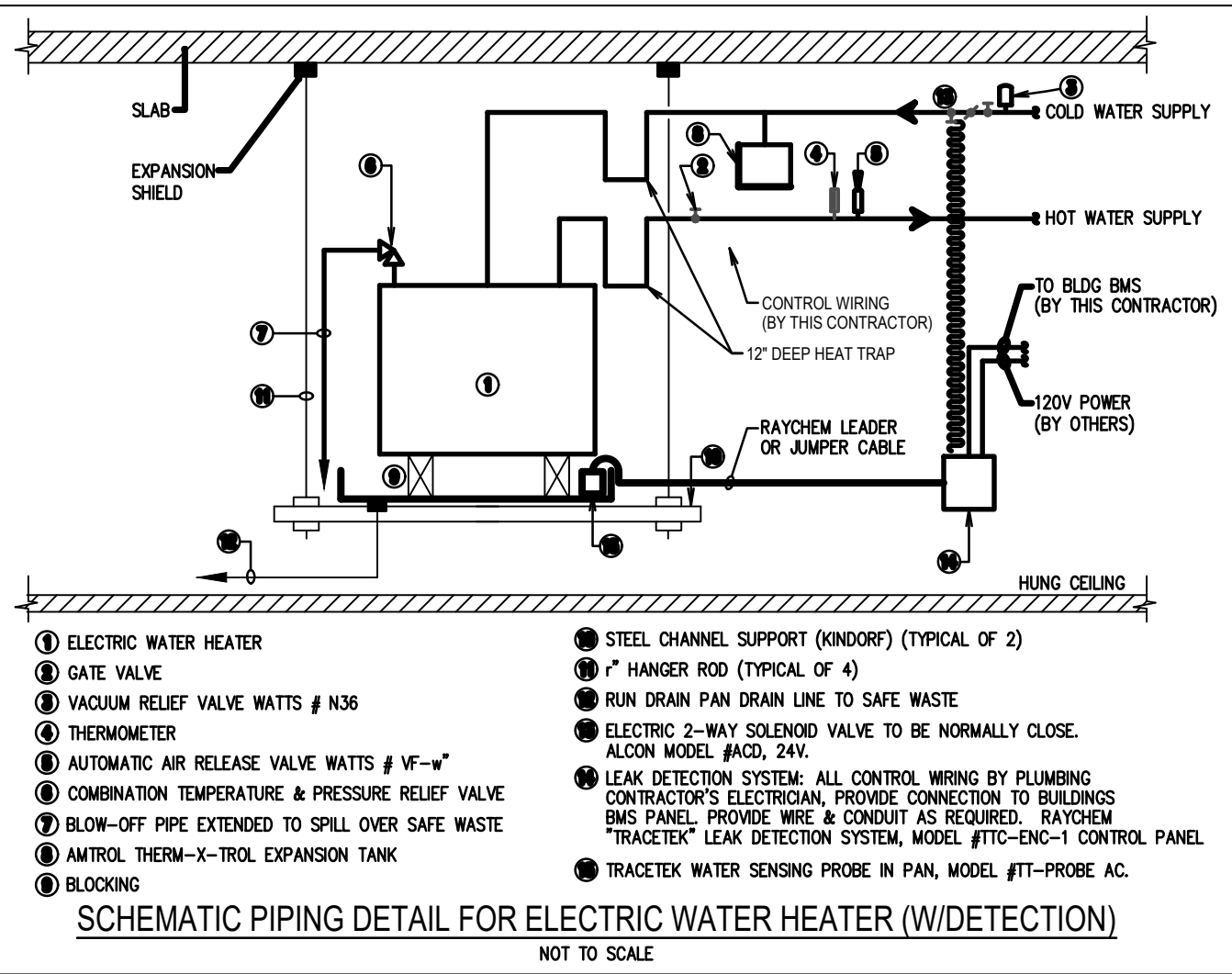
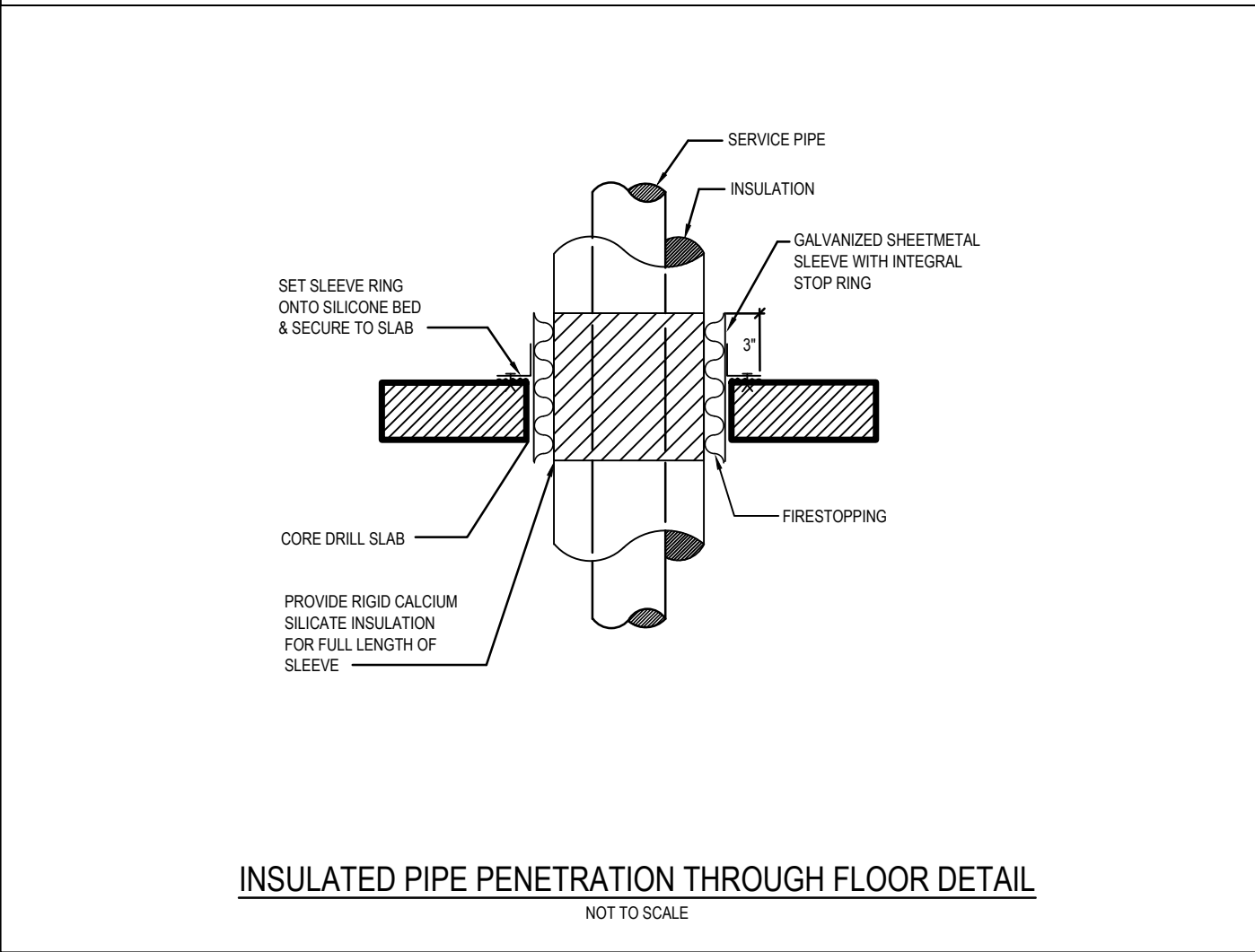
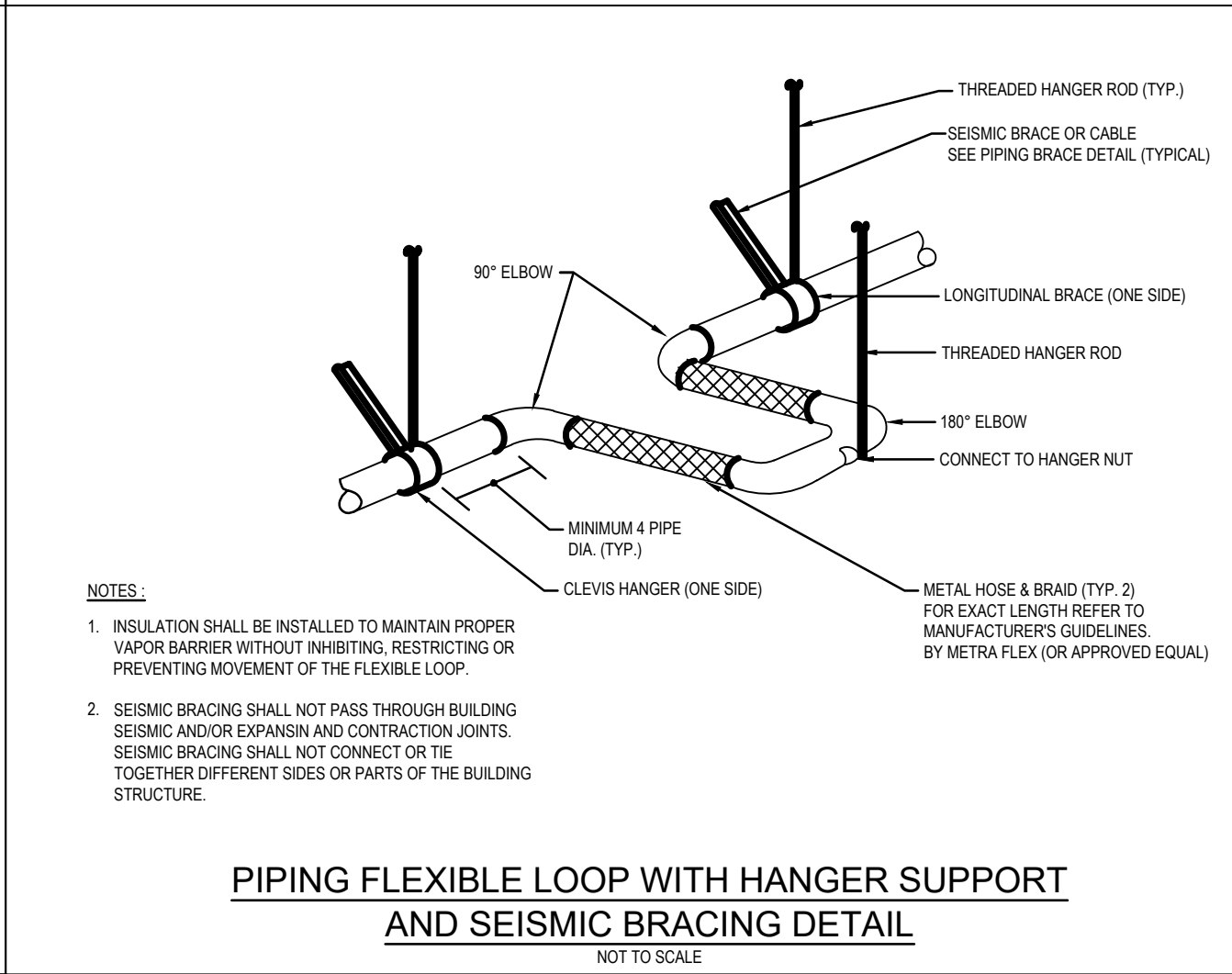
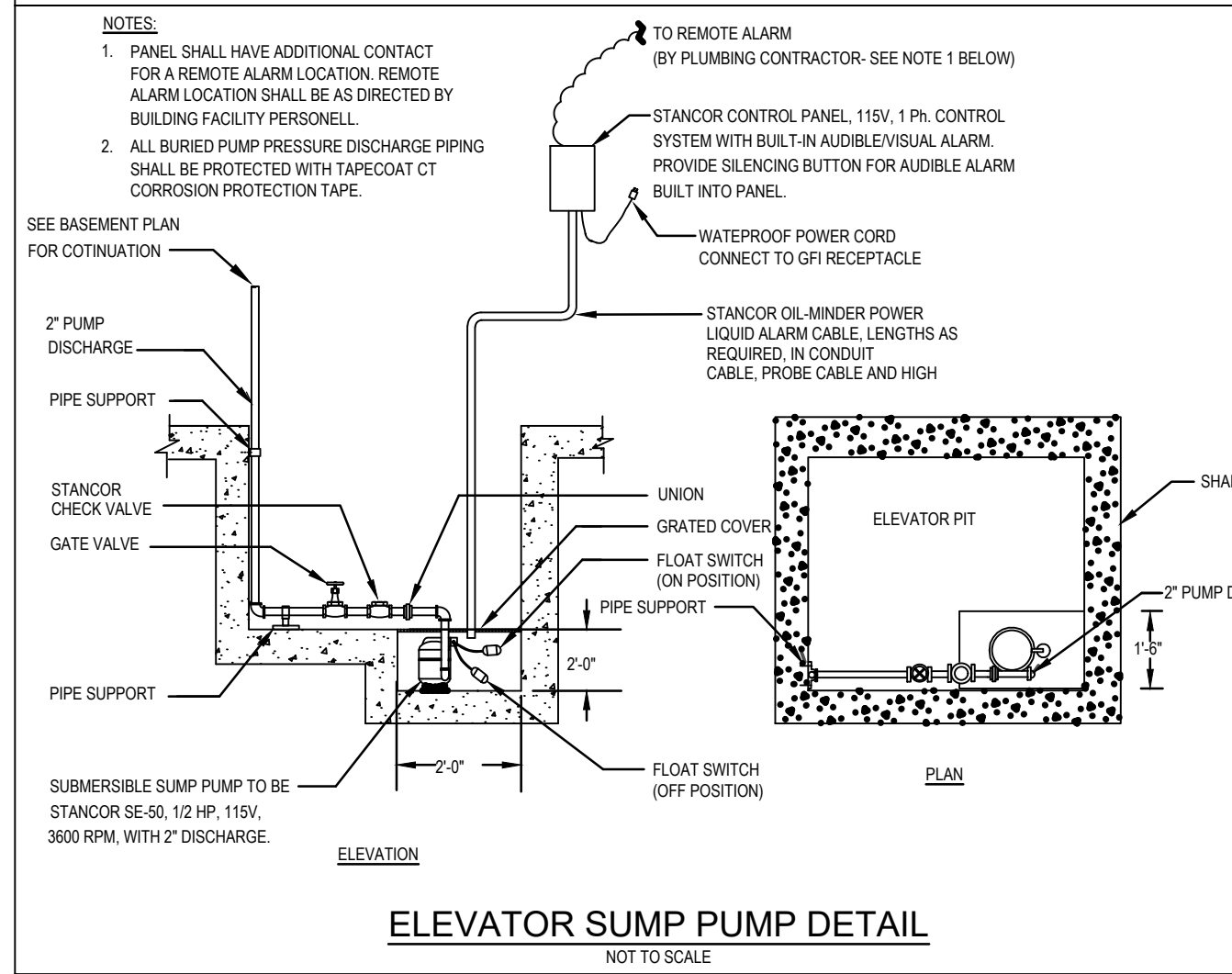
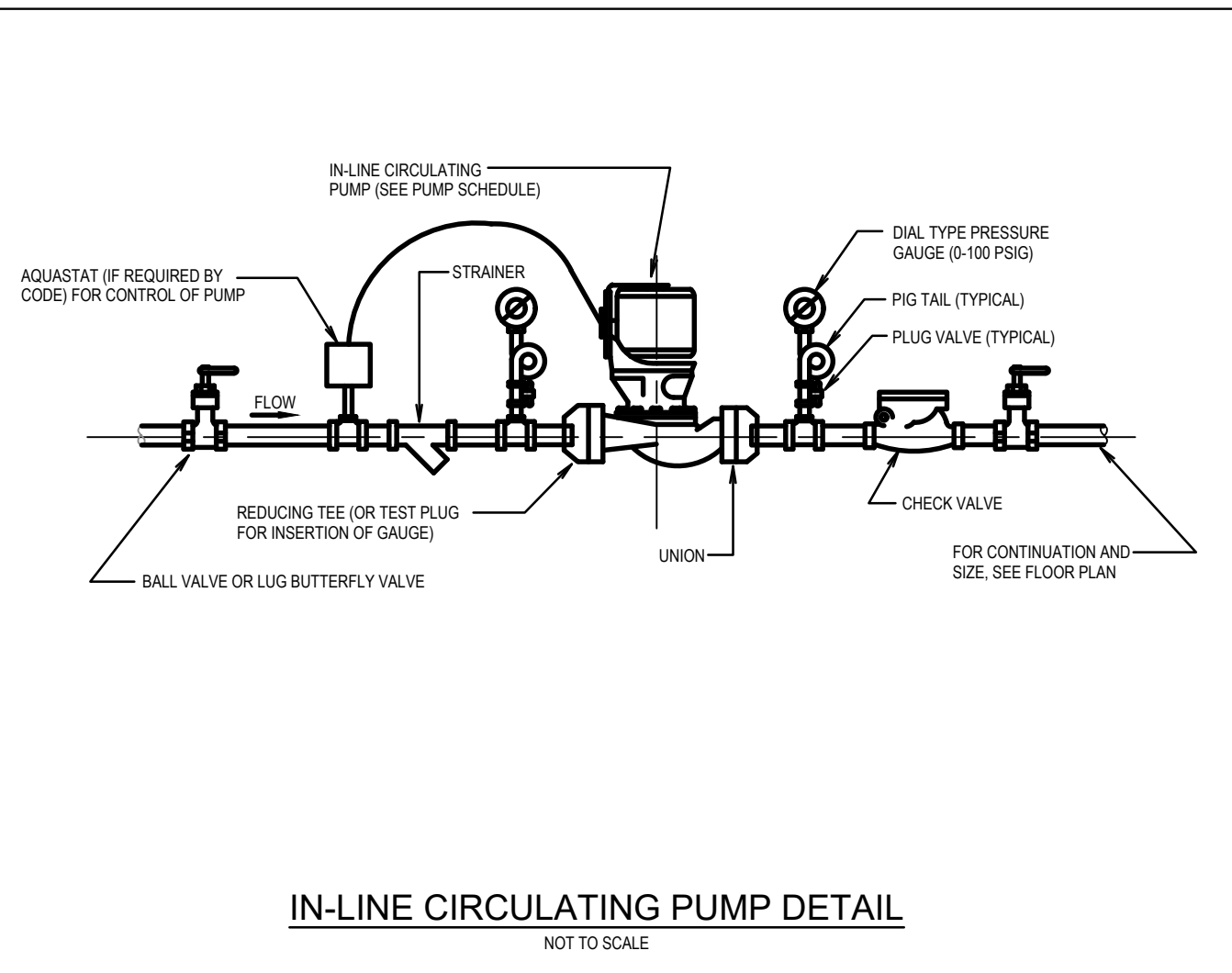
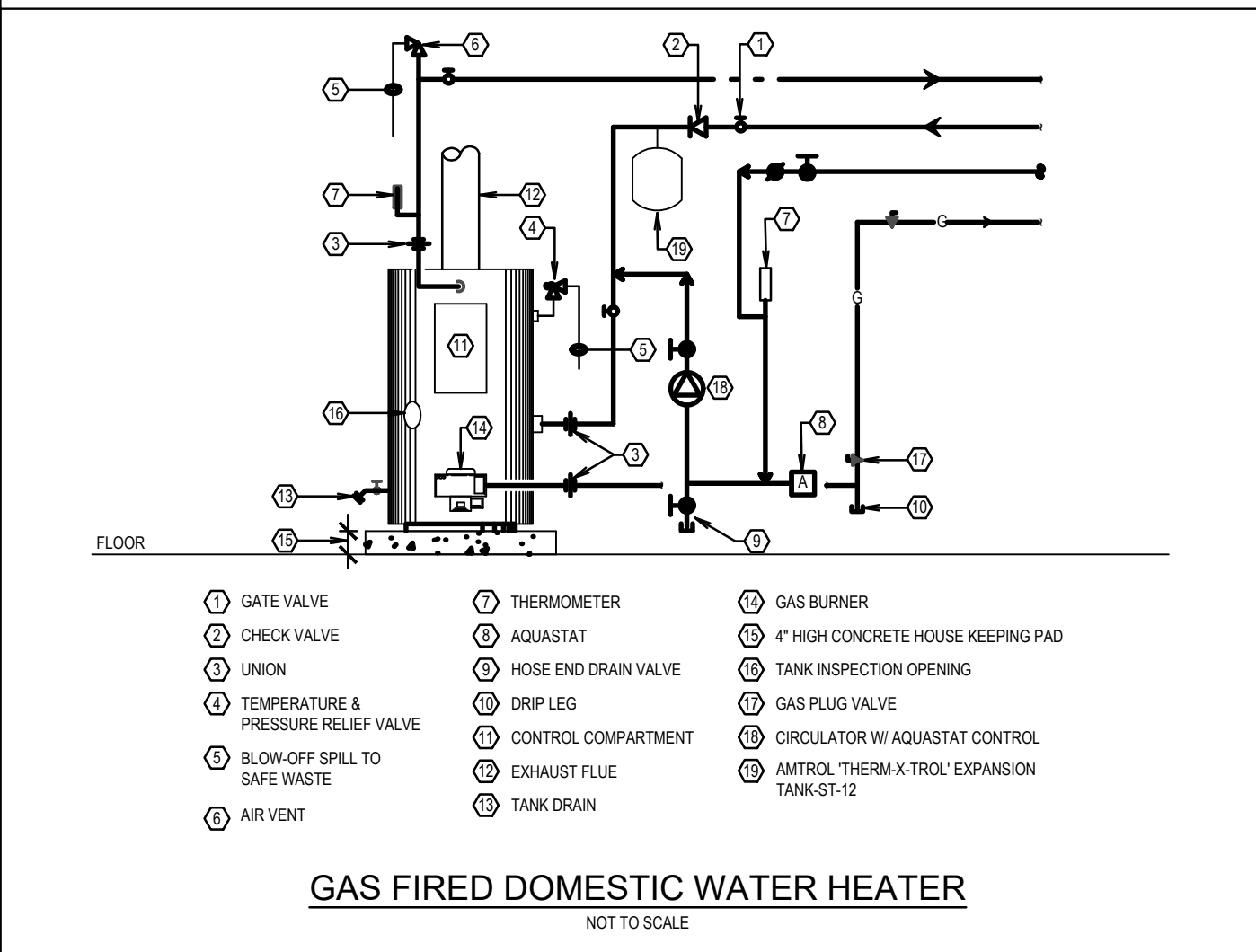
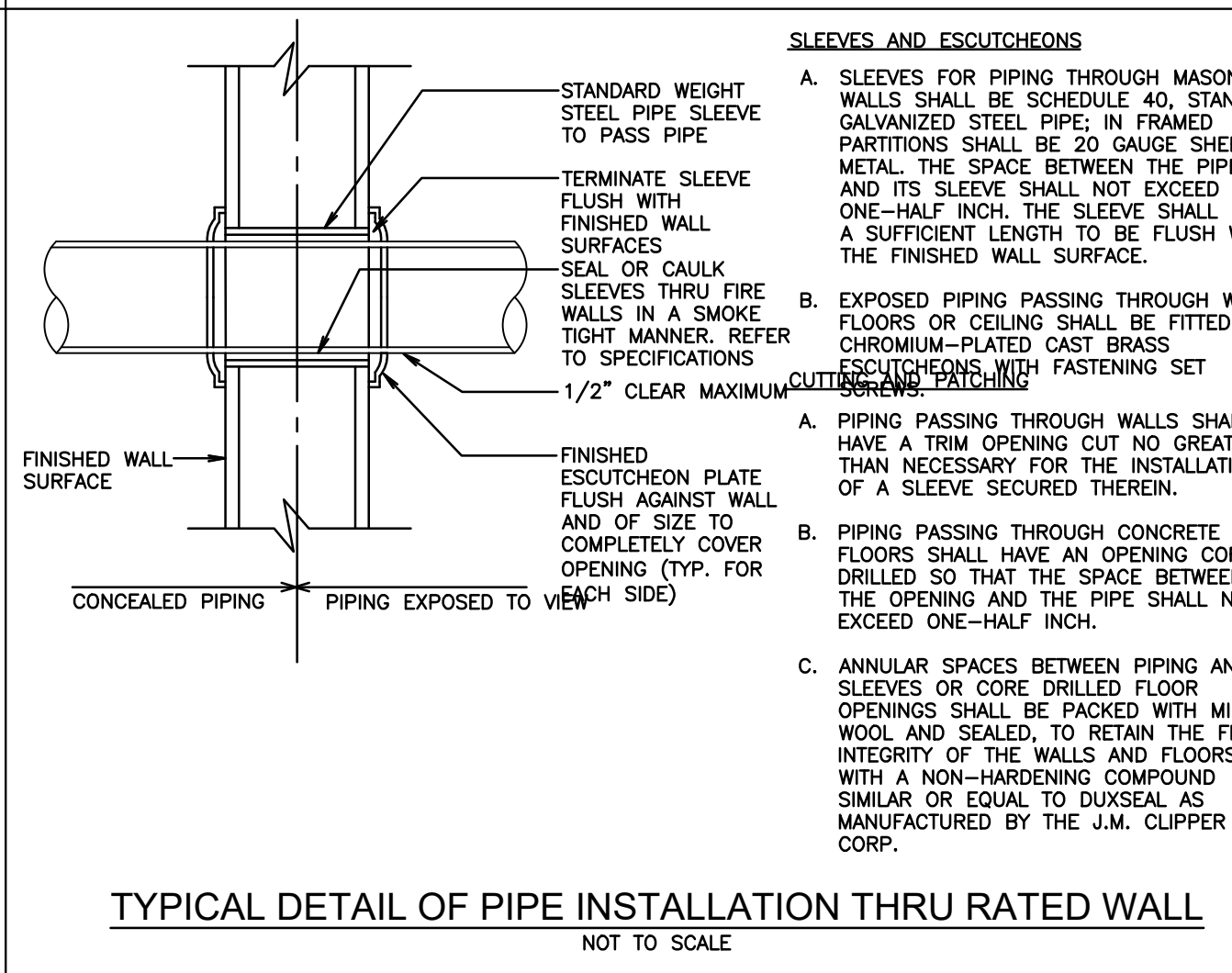
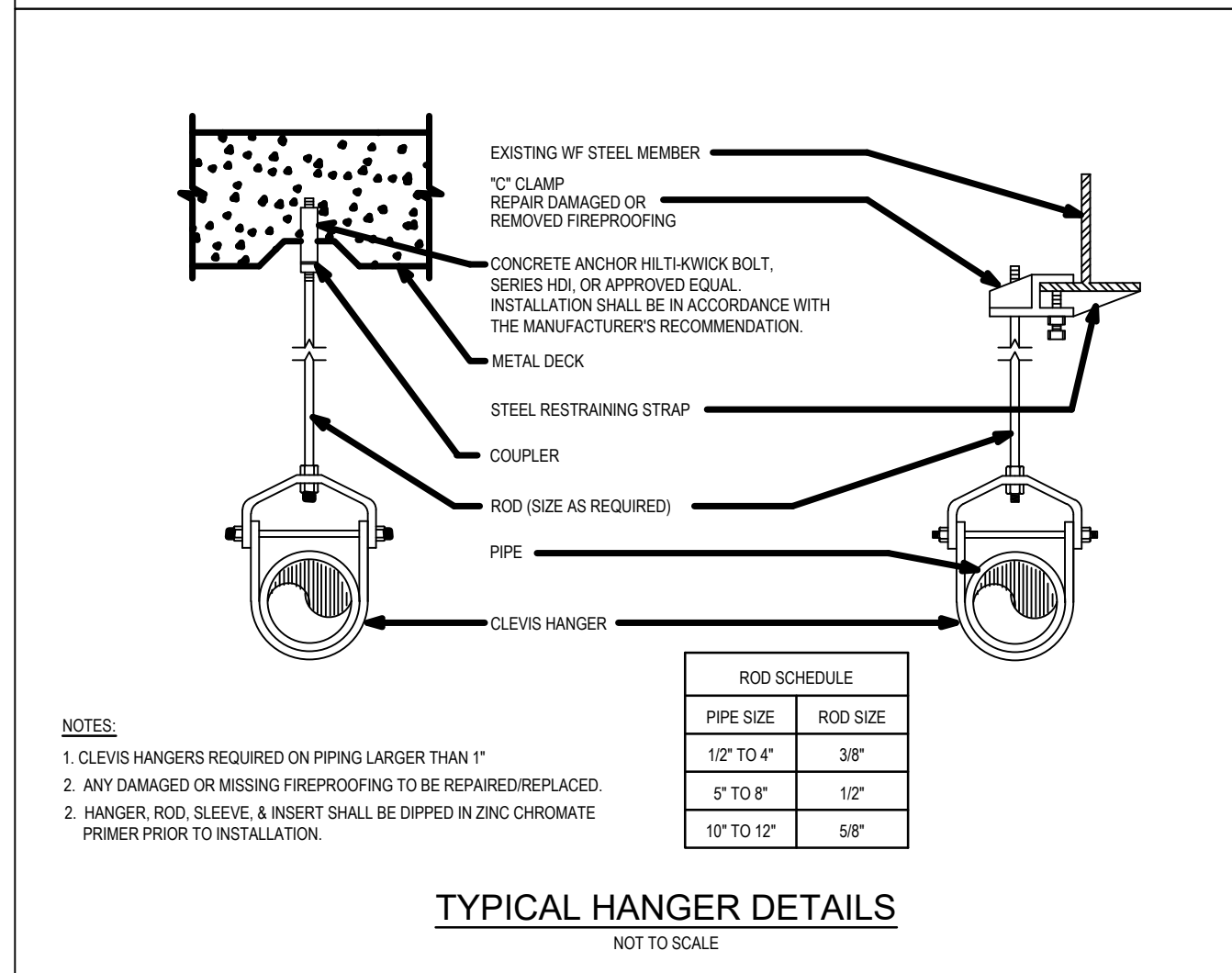
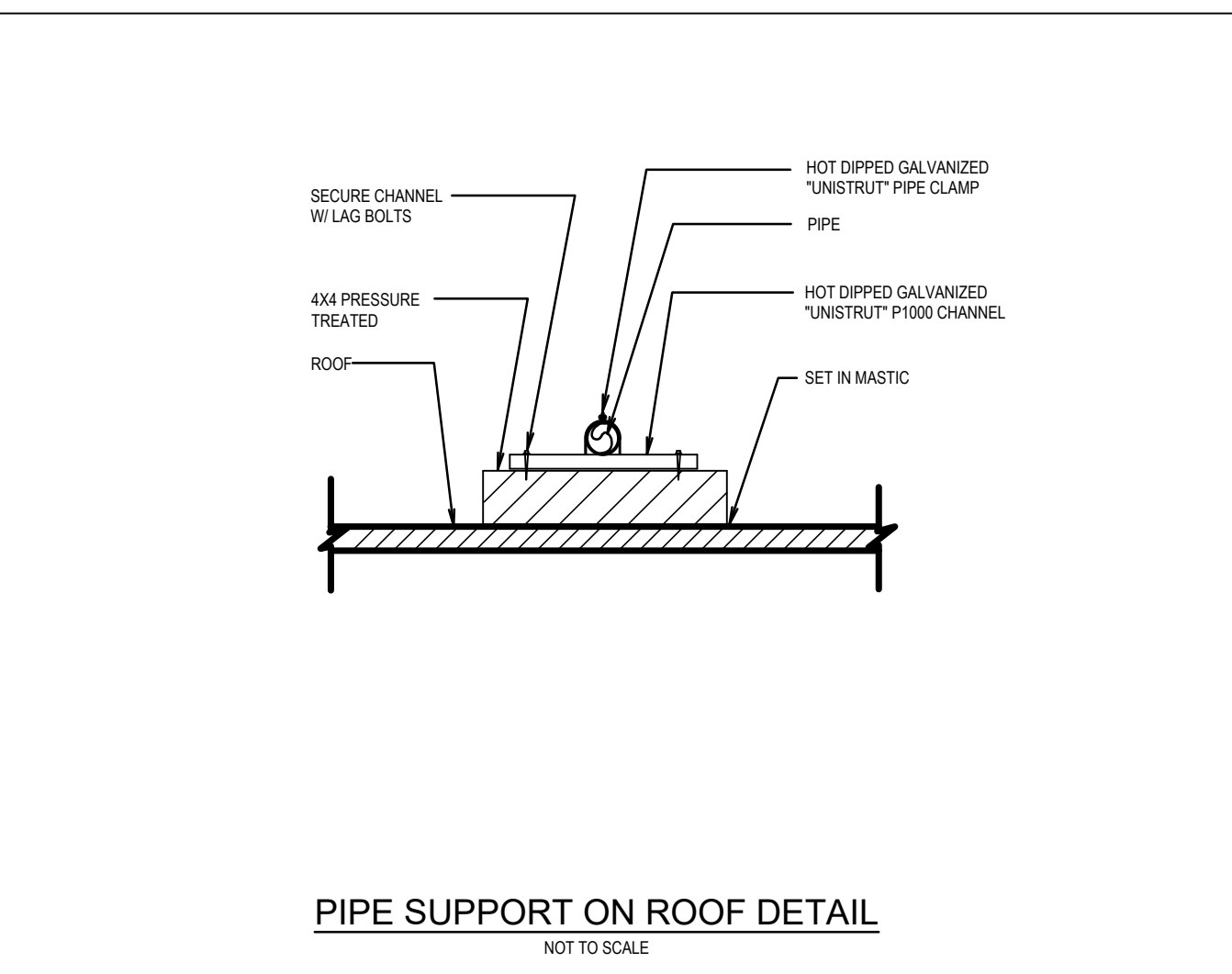
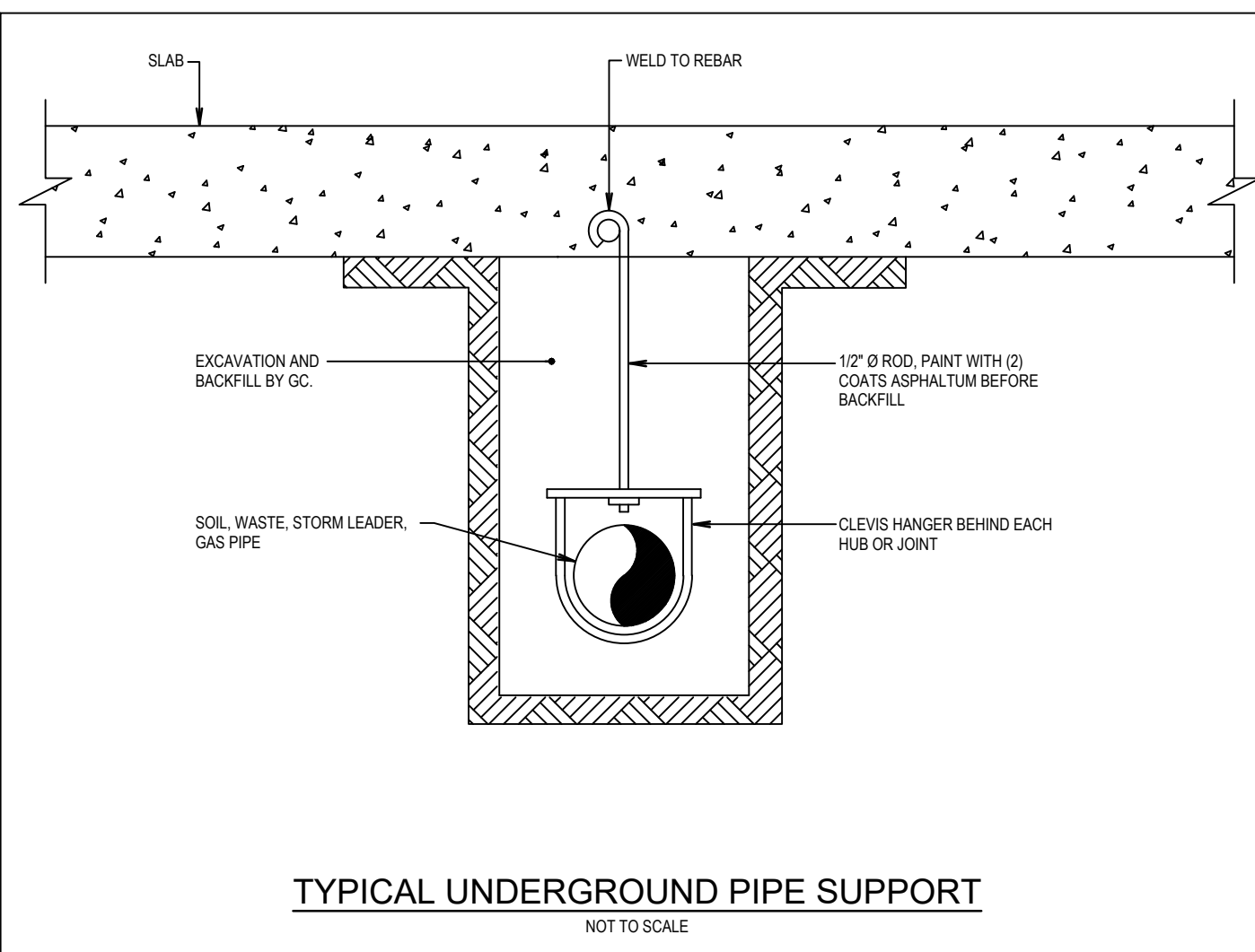
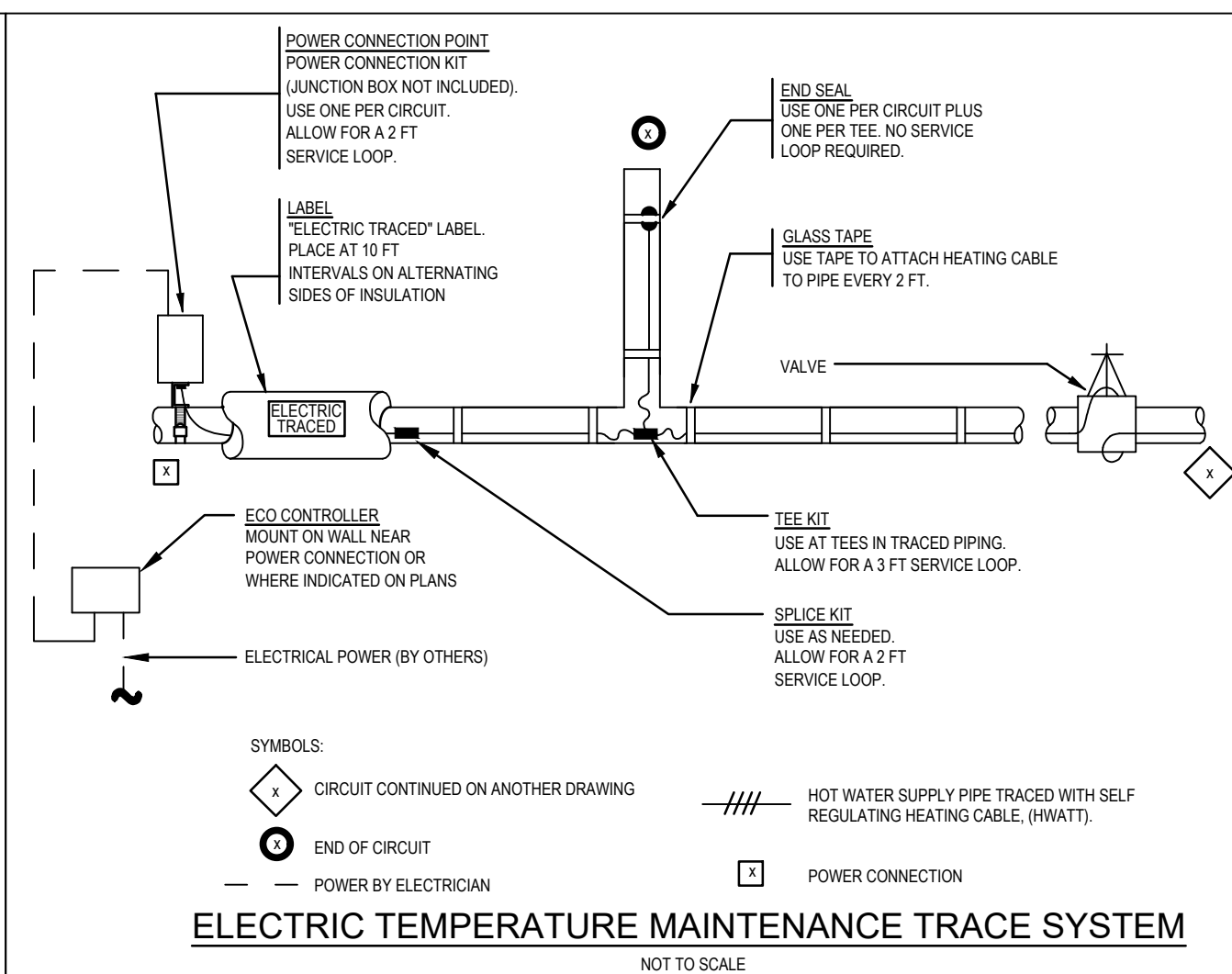
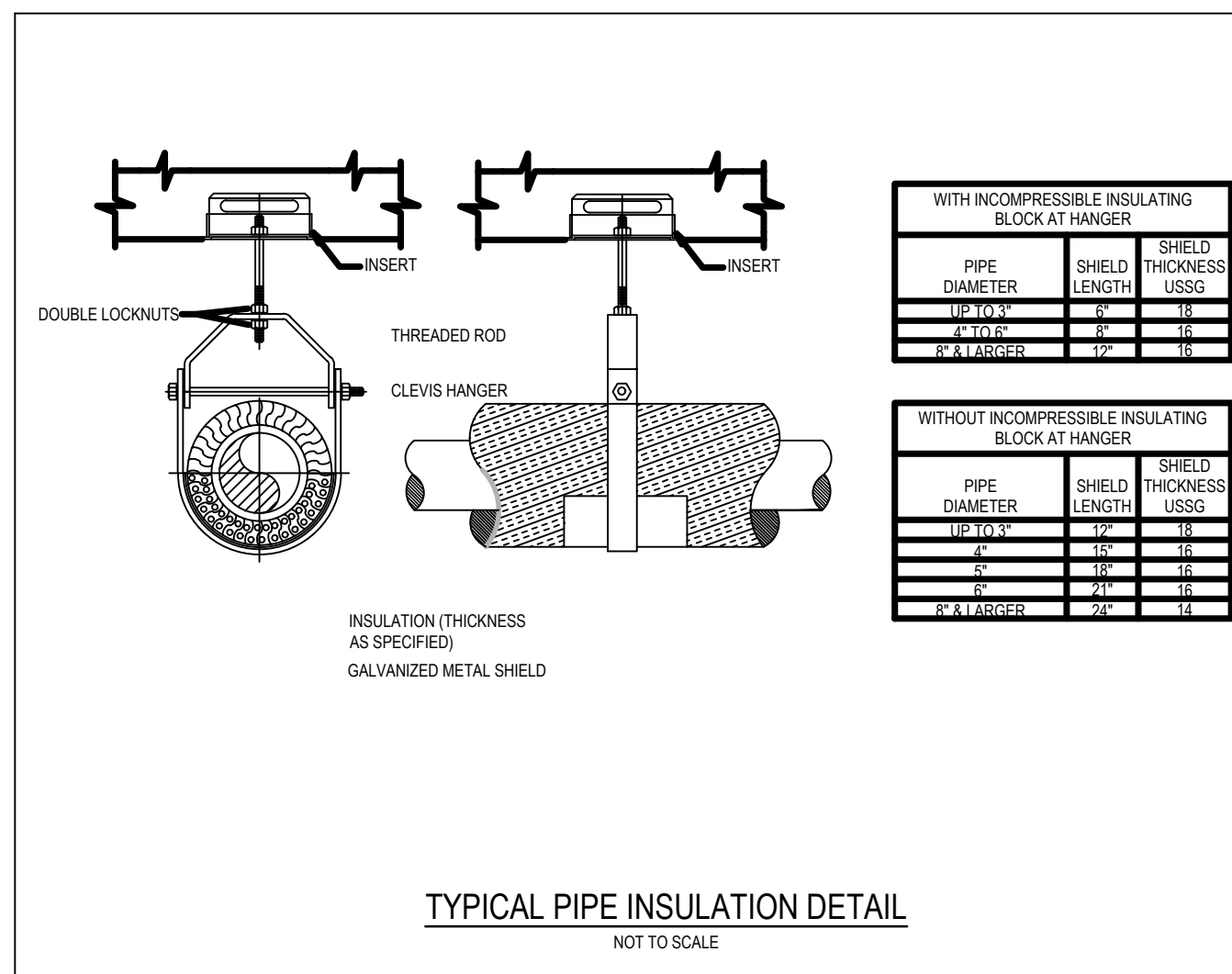
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**PLUMBING L3 FLOOR
ENLARGED PART PLAN**

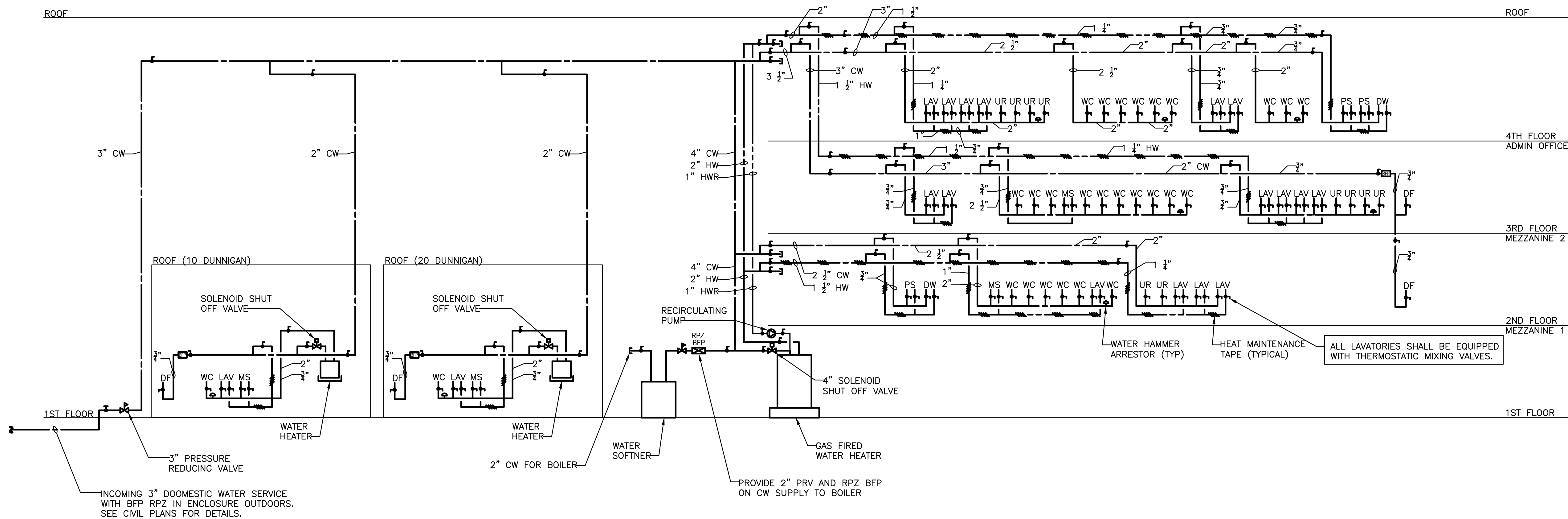
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P-403

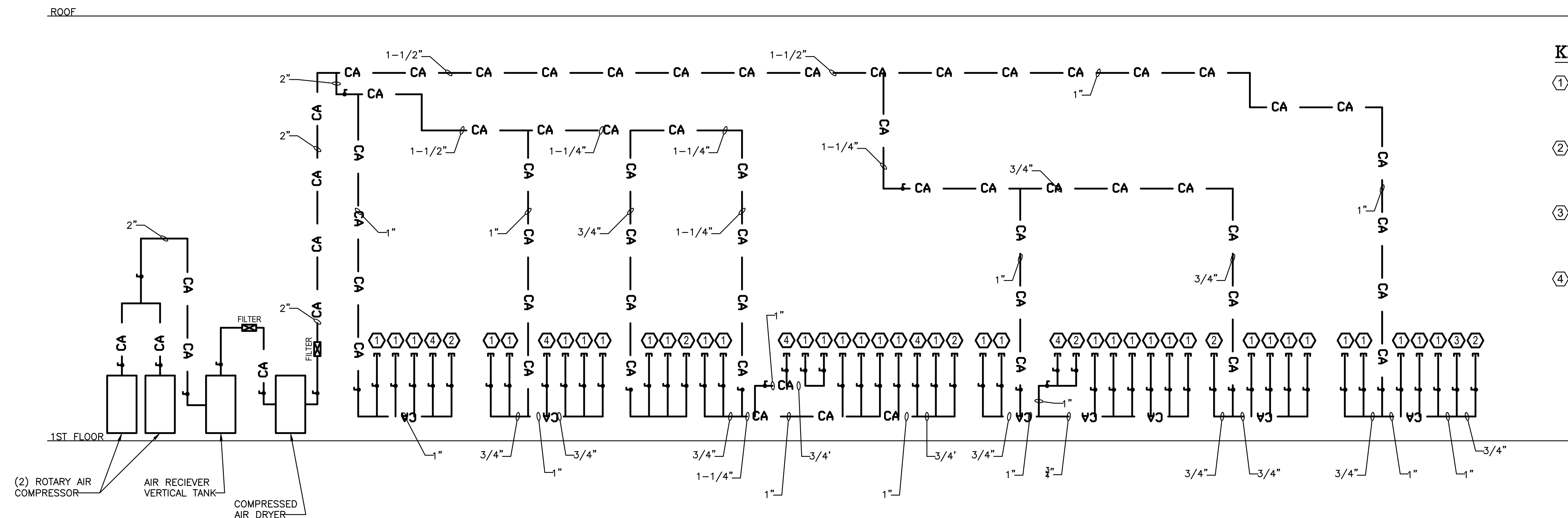
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1 DOMESTIC WATER RISER DIAGRAM
P-701 NOT TO SCALE



2 COMPRESSED AIR RISER DIAGRAM
P-701 NOT TO SCALE

KEYNOTES:

- AIR CHAIN CONVEYOR EQUIPMENT.
0.37 SCFM PER UNIT.
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE
FNPT.
- SQUARING STATIONS
9.18 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE
FNPT.
- LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE
FNPT.
- FUTURE LABEL PRINTER
35 SCFM PER UNIT
3/4" COMPRESSED AIR CAPPED
W/ GAUGE 1-120 PSI AND 1/2" BALL VALVE
FNPT.

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KEY PLAN

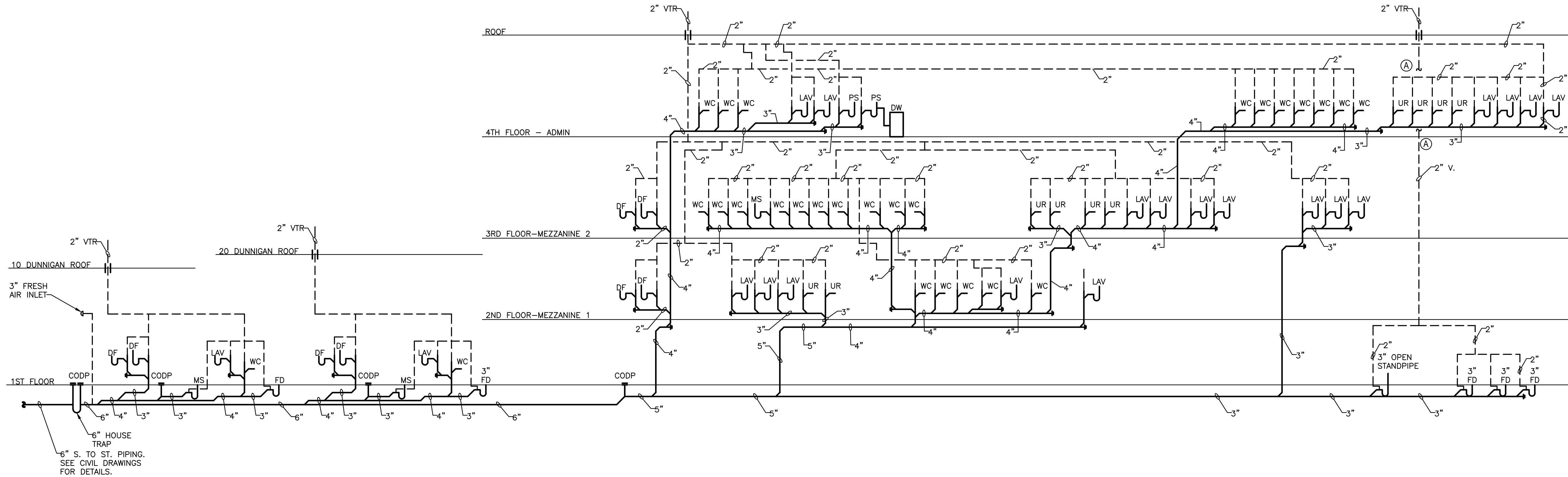
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	ISSUED FOR DOB SUBMISSION	09/10/2021
	ISSUED FOR BID	10/15/2021

DRAWN BY :	M.ESPINAL
CHECKED BY :	J.CLARK
APPROVED BY :	J.MIZRAHI
DATE :	04/16/21
SCALE :	NOT TO SCALE

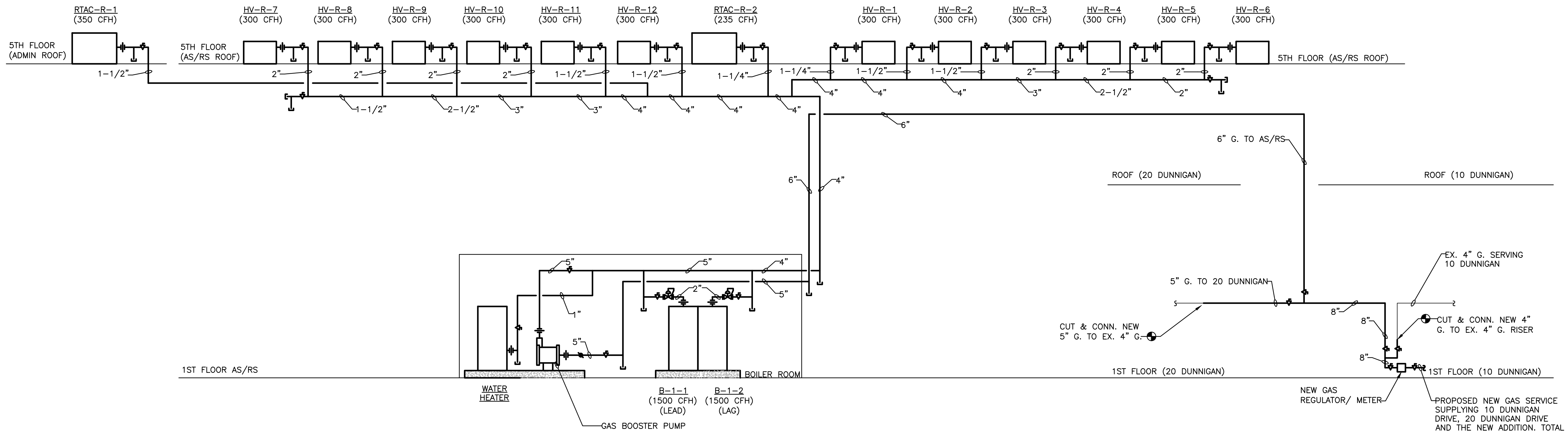
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PLUMBING DOMESTIC WATER &
COMPRESSED AIR RISER DIAGRAM

DWG NUMBER :
P-701



1
P-702
SANITARY RISER DIAGRAM
NOT TO SCALE



2
P-702
GAS RISER DIAGRAM
NOT TO SCALE

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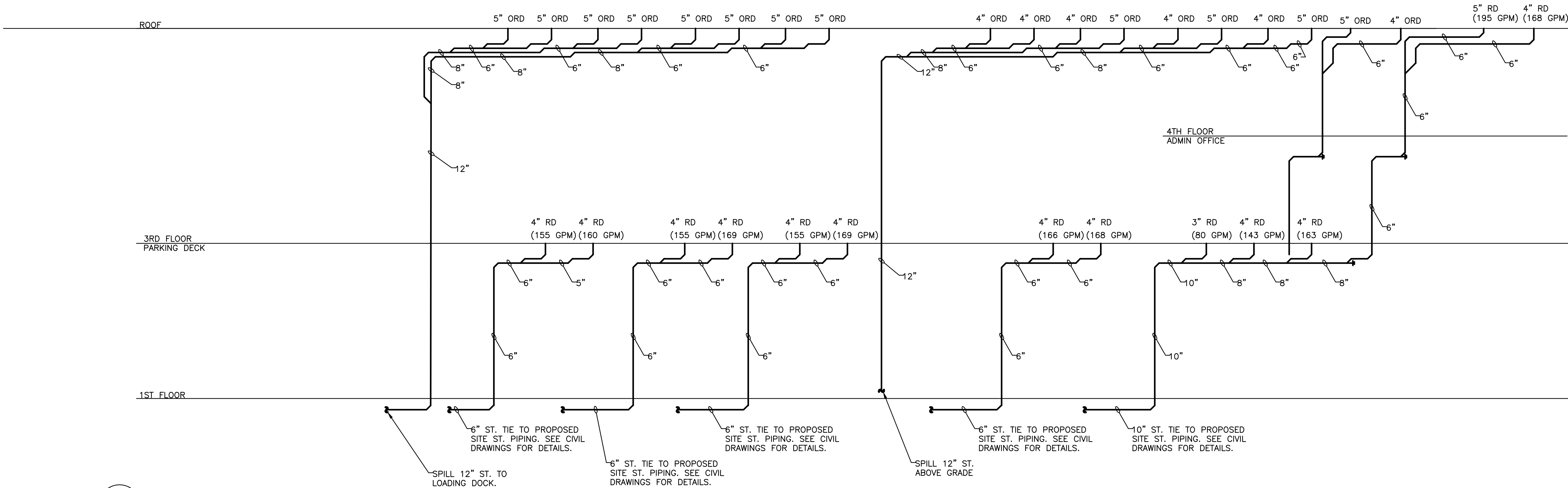
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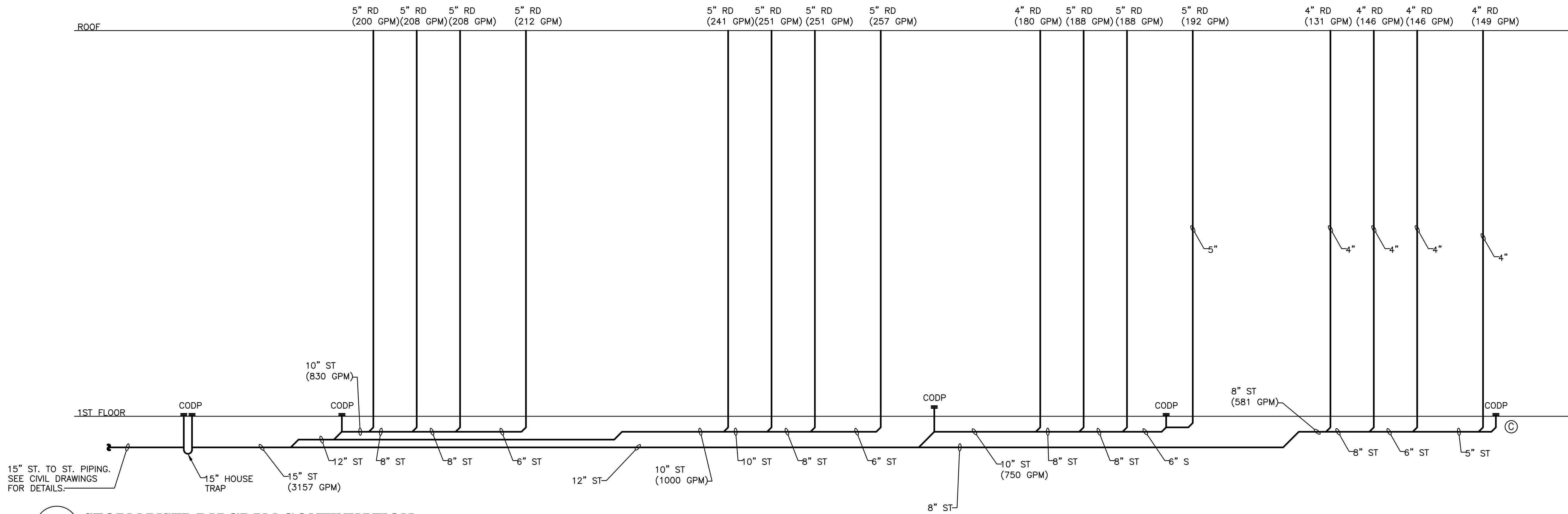
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DRAWING TITLE :
**PLUMBING SANITARY AND GAS
RISER DIAGRAM**

DWG NUMBER :
P-702



1
P-703
STORM RISER DIAGRAM
NOT TO SCALE



2
P-703
STORM RISER DIAGRAM CONTINUATION
NOT TO SCALE

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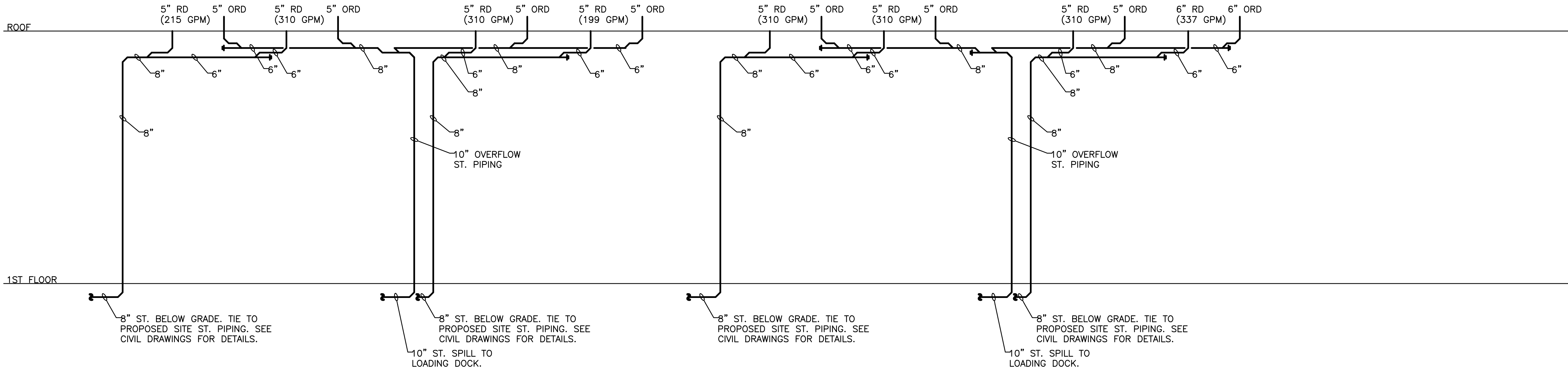
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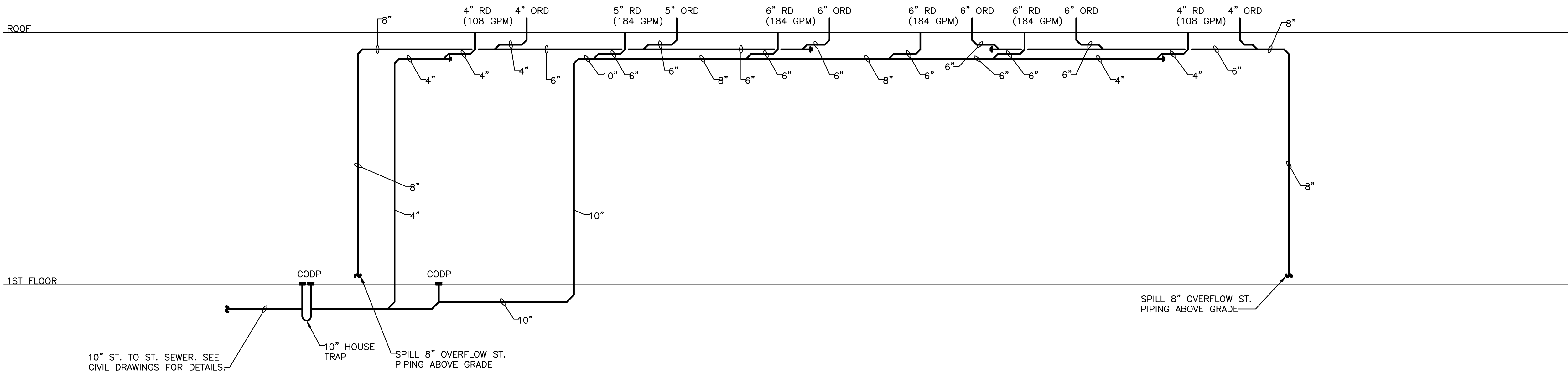
**PLUMBING STORM RISER
DIAGRAM**

DWG NUMBER :

P-703



1
P-704
20 DUNNIGAN STORM RISER DIAGRAM
NOT TO SCALE



2
P-704
10 DUNNIGAN STORM RISER DIAGRAM
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**PLUMBING STORM RISER
DIAGRAM**

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P-704

