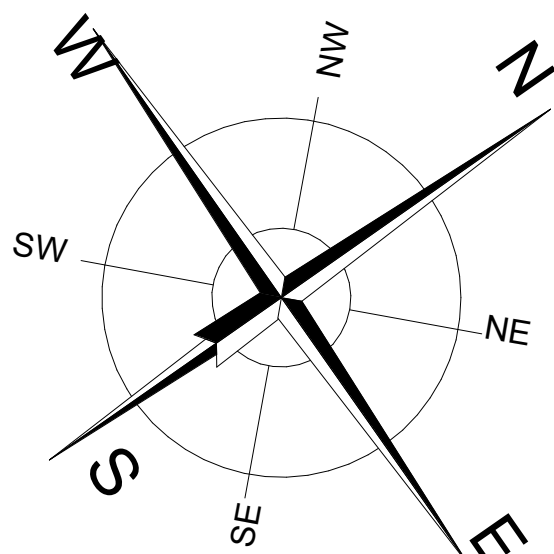
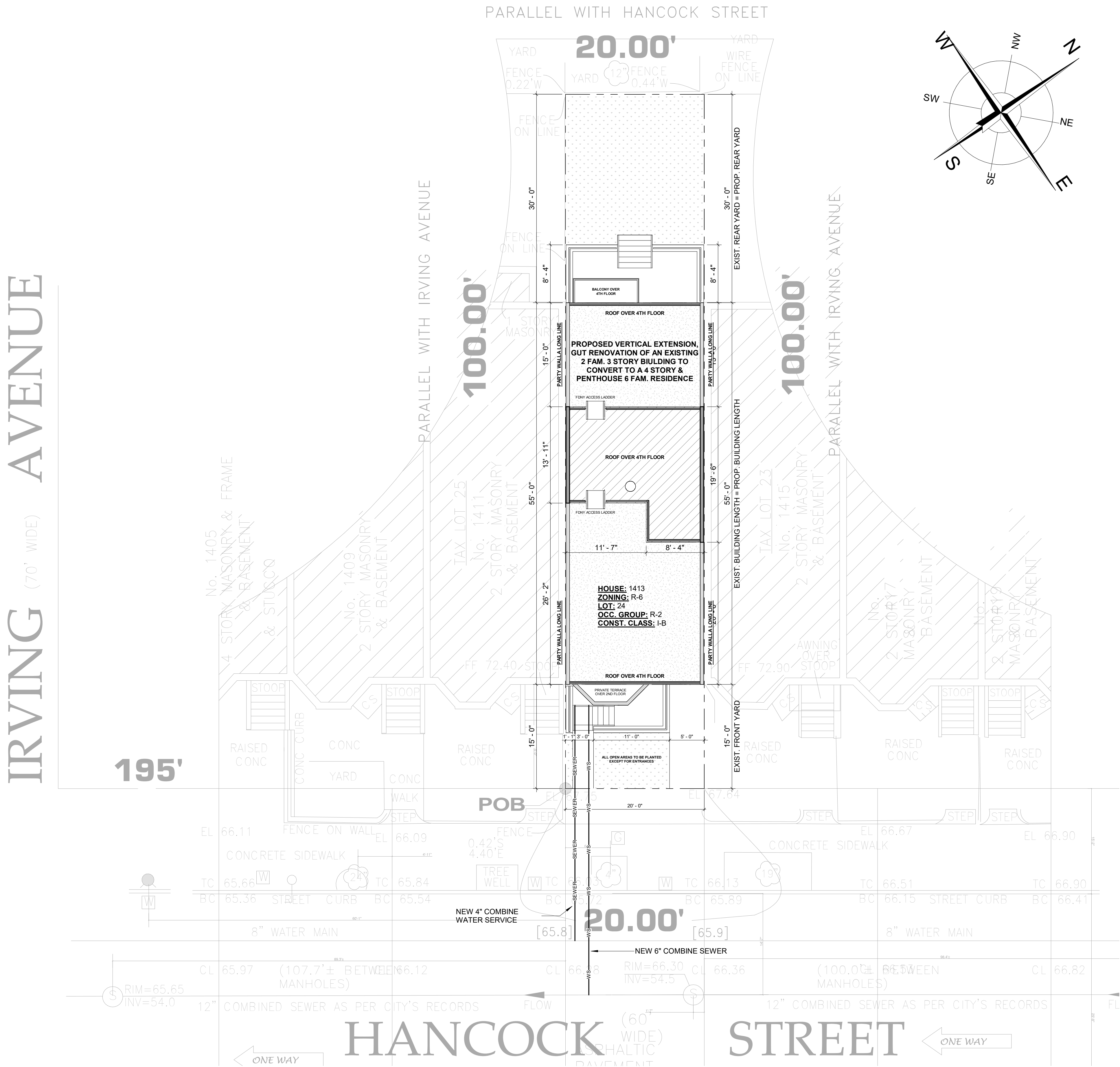


PLUMBING PLANS

1413 HANCOCK STREET
BROOKLYN, NY 11237

DRAWING LIST

- PL-700.00: TITLE SHEET & PLOT PLAN
- PL-701.00: GENERAL NOTES
- PL-702.00: SANITARY & STORM RISER DIAGRAM
- PL-703.00: HW & CW RISER DIAGRAM
- PL-704.00: GAS RISER DIAGRAM
- PL-705.00: PLUMBING DETAILS
- PL-706.00: PLUMBING DETAILS



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Date	Description

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FIRE ALARM: #####
SD1 & SD2: #####

DOB NOW JOB

MECHANICAL: B00273027-11
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DOB STAMP:

PROJECT LOCATION:
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BLOCK: 3393 LOT: 24

PROJECT OWNER AND ADDRESS:
BEN CAVICCHIO
275 9TH STREET,
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PROJECT DESCRIPTION:
PROPOSED VERTICAL EXTENSION, GUT RENOVATION
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1 Site - PLUMBING TITLE
1/8" = 1'-0"

GENERAL PLUMBING NOTES

1. EACH BIDDER SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT A CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO THE FIELD CONDITIONS.
2. ALL EXISTING SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NE WORK.
3. EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING SHALL BE VERIFIED ON THE SITE.
4. NO REMOVED EXISTING PIPE SHALL BE REUSED UNLESS OTHERWISE INDICATED.
5. THIS CONTRACTOR SHALL NOT INTERRUPT ANY OF THE SERVICES OF THE EXISTING BUILDING OR INTERFERE WITH THE SERVICES IN ANY WAY WITHOUT THE EXPRESSED PERMISSION OF THE OWNER. SUCH INTERRUPTIONS AND INTERFERENCES SHALL BE MADE AS BRIEF AS POSSIBLE AND ONLY AT THE TIME STIPULATED BY THE OWNER.
6. UNDER NO CIRCUMSTANCES WILL THIS CONTRACTOR OR HIS WORKMEN BE PERMITTED TO USE ANY PART OF THE BUILDING AS A SHOP, EXCEPT PARTS DESIGNATED BY THE OWNER FOR SUCH PURPOSES.
7. UNNECESSARY NOISE SHALL BE AVOIDED AT ALL TIMES AND NECESSARY NOISE SHALL BE REDUCED TO A MINIMUM.
8. THE WORK MAKES TEMPORARY SHUT DOWNS OF SERVICE UNAVOIDABLE, THEY SHALL BE MADE AT NIGHT OR AT TIMES AS THIS WILL CAUSE THE LEAST INTERFERENCE WITH THE ESTABLISHED OPERATING ROUTINE OF THE BUILDING.
9. THIS CONTRACTOR SHALL ARRANGE THE WORK CONTINUOUSLY, INCLUDING, APPROVED BY THE ARCHITECT, OVERTIME IF REQUIRED. TO ASSURE THAT SERVICES WILL SHUT DOWN AND CUT-INS ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTION TO EXISTING WORK.
10. THIS CONTRACTOR SHALL GIVE AMPLE WRITTEN NOTICE IN ADVANCE TO THE OWNER OF ANY REQUIRED SHUT DOWNS.
11. ANY AND ALL REQUIRED DEMOLITION WORK TO BE PERFORMED ABOVE EXISTING SUSPENDED CEILINGS AND FURRED OUT WALL SHALL BE DONE AT THE TIME WHEN THE EXISTING CEILINGS AND FURRED OUT WALLS ARE REMOVED BY THE GENERAL CONTRACTOR.
12. TO ENSURE CONTINUOUS OPERATION, MAKE ALL NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING WORK. ALL COST RESULTING FROM TEMPORARY SHUT DOWNS SHALL BE BORNE BY THIS CONTRACTOR.
13. PROVIDE DRAIN BIN AT THE BASE OF EACH HOT AND COLD WATER RISER.
14. ALL GAS, VENT, HOT WATER CIRCULATIONS, HOT AND COLD WATER PIPING ARE AT CEILING UNLESS OTHERWISE NOTED. COORDINATE FLOOR PLANS WITH RISER DIAGRAMS FOR COMPLETE VALVE ARRANGEMENT.
15. CONTRACTOR SHALL CHECK AND VERIFY THE EXACT LOCATIONS OF ALL PIPE PENETRATIONS AND PIPE ELEVATIONS.
16. CONTRACTOR SHALL REFER TO AND COORDINATE WITH OTHER TRADES DRAWINGS FOR WORK OF CONCRETE PADS AND OTHER REMOVALS AND NEW WORK.
17. ALL PLUMBING WORK SHALL MEET THE REQUIREMENT OF NYC PLUMBING CODE, AND OTHER AGENCIES AND AUTHORITIES HAVING JURISDICTION.

LOW PRESSURE GAS NOTES

1. GAS PIPING INSTALLATION AND TESTING SHALL BE IN ACCORDANCE WITH SECTION FGC 401 OF THE NEW YORK CITY FUEL GAS CODE, GAS UTILITY SPECIFICATIONS AND STANDARDS, NATIONAL FUEL GAS CODE, AND ANSI Z223.1 LATEST EDITION.
2. THESE PLANS, SPECIFICATIONS AND NOTES ARE APPLICABLE ONLY TO GAS DISTRIBUTIONS PIPING OPERATING AT 1/2 PSIG OR LESS, SCREWED PIPING ONLY AND NON-BURIED PIPING ONLY.
3. ALL GAS PIPING TO BE SCHEDULE 40 BLACK IRON HUNG FROM APPROVED HANGERS.
4. SCREWED FITTINGS SHALL NOT BE USED FOR PIPE SIZE ABOVE 4 INCHES IN DIAMETER.
5. ALL MATERIALS USED IN GAS SERVICE AND METER PIPING SHALL BE IN ACCORDANCE WITH REQUIREMENTS AS SPECIFIED BY THE UTILITY AND THE NYC DEPARTMENT OF BUILDINGS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING GAS CONSUMPTION LOAD LETTER TO THE GAS UTILITY. THE CONTRACTOR SHALL VERIFY THE ADEQUACY OF THE GAS SERVICE SIZE AND SHALL APPLY FOR A NEW SERVICE IF REQUIRED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE GAS PIPING AND GAS TRAIN SIZE TO MEET GAS UTILITY REQUIREMENTS AND BURNER MANUFACTURER'S REQUIREMENTS.
8. GAS SERVICE PIPING SHALL BE FITTED WITH A GAS SERVICE LINE VALVE LOCATED ON THE SUPPLY SIDE OF THE METER AND SERVICE REGULATOR, IF REQUIRED. IF A PLUG TYPE VALVE IS USED IT SHALL BE CONSTRUCTED SO AS TO PREVENT THE CORE FROM BEING BLOWN OUT BY THE PRESSURE OF THE GAS. IN ADDITION, IT SHALL BE OF A TYPE CAPABLE OF BEING LOCKED IN THE OFF POSITION BY THE LOCAL GAS UTILITY. WHEN THE GAS SERVICE LINE IS INSIDE THE BUILDING, IT SHALL BE IN AN ACCESSIBLE LOCATION WITHIN 2 FEET OF THE POINT WHERE THE GAS SERVICE CONNECTION ENTERS THE BUILDING OR AT SUCH OTHER LOCATION AS MAY BE PERMITTED BY THE COMMISSIONER. WHERE THE GAS SERVICE CONNECTION IS INSTALLED THROUGH THE BUILDING WALL BELOW GRADE, IT SHALL BE PROTECTED WITH A WALL SLEEVE EXTENDING AT LEAST 4 INCHES BEYOND THE OUTER SIDE OF THE WALL AND AT LEAST 1 INCH BEYOND THE INNER SIDE OF THE WALL. THE SLEEVE SHALL BE SEALED AT BOTH ENDS TO PREVENT THE ENTRY OF WATER AND GAS. GAS SERVICE CONNECTIONS INSTALLED THROUGH GROUND SLAB CONSTRUCTION, SHALL BE PROTECTED WITH A FLOOR SLEEVE SEALED AT BOTH ENDS TO PREVENT THE ENTRY OF WATER AND GAS. THE SLEEVE SHALL EXTEND AT LEAST 4 INCHES ABOVE THE FLOOR, AND AND SHALL BE INSTALLED AS SPECIFIED BY THE UTILITY COMPANY PROVIDING THE SERVICE. IT SHALL TERMINATE AT LEAST 4 INCHES OUTSIDE THE BUILDING.
9. NO GAS SERVICE SHALL ENTER THE STRUCTURE AT A HORIZONTAL DISTANCE OF LESS THAN 10 FEET FROM A CELLAR TERMINATION OF A STAIRWAY NOR SHALL ANY GAS METERS OR GAS REGULATORS BE LOCATED LESS THAN 10 FEET FROM SUCH STAIRWAY TERMINATION. WHERE SUCH SERVICES, METERS AND REGULATORS ARE SEPARATED FROM THE STAIRWAY TERMINATION BY A PERMANENT PARTITION WALL OR WALL HAVING A FIRE RESISTANCE RATING OF AT LEAST 1 HOUR THE FOREGOING SHALL NOT APPLY UNLESS FORBIDDEN BY OTHER PROVISIONS OF THE CODE. LOCATIONS UNDER A STAIRWAY ARE EXEMPT FROM THIS REQUIREMENT.
10. GAS METER PIPING SUPPLYING GAS TO A BUILDING AT A PRESSURE IN EXCESS OF 1/2 PSIG SHALL BE PROVIDED WITH A REGULATOR THAT WILL REDUCE THE PRESSURE OF THE GAS TO 1/2 PSIG OR LESS PRIOR TO ENTERING THE GAS DISTRIBUTION PIPING IN THE BUILDING.
11. WHEN LOCATED INSIDE THE BUILDING, EACH REGULATOR SHALL BE PROVIDED WITH A VENT PIPE THAT LEADS DIRECTLY TO THE OUT-SIDE AIR. THE VENT PIPE SHALL BE SIZED ACCORDING TO LOCAL UTILITY REQUIREMENTS. THE VENT OUTLET SHALL NOT BE LOCATED UNDER A WINDOW OR ANY OPENING LEADING BACK INTO THE PREMISES OR LOCATED UNDER ANY OVERHANG OR PROJECTION. NO GAS REGULATOR VENT OUTLET SHALL BE COVERED OVER, PLUGGED UP OR OTHERWISE OBSTRUCTED AND ALL GAS VENTS SHALL BE IDENTIFIED BY SUITABLE MARKING ON THE OUTLET ON THE OUTSIDE OF THE BUILDING.
12. GAS APPLIANCE PRESSURE REGULATORS REQUIRING ACCESS TO THE ATMOSPHERE FOR SUCCESSFUL OPERATION SHALL BE EQUIPPED WITH VENT PIPING LEADING TO THE OUTDOORS, UNLESS CONSTRUCTED OR EQUIPPED WITH VENT LIMITING MEANS TO LIMIT THE ESCAPE OF GAS FROM THE VENT OPENING IN THE EVENT OF A DIAPHRAGM FAILURE.
13. WHEN LOCATED INSIDE THE BUILDING METERS SHALL BE LOCATED AS NEAR AS PRACTICAL TO THE POINT OF ENTRANCE OF THE SERVICE AND, WHERE POSSIBLE, THE METER SHALL BE LOCATED IN THE CELLAR OR BASEMENT UNLESS OTHERWISE PERMITTED BY THE COMMISSIONER. THE METER LOCATION SHALL BE CLEAN, DRY AND FREE OF REFUSE, STEAM OR CHEMICAL FUMES. METERS SHALL BE ADEQUATELY PROTECTED AGAINST EXTREME COLD OR HEAT AND SHALL BE READILY ACCESSIBLE FOR READING AND INSPECTION. THE AREA IN WHICH THE METER IS LOCATED SHALL BE PROPERLY VENTILATED. OUTSIDE METER INSTALLATION SHALL BE PERMITTED IN AREAS WHERE THE UTILITY COMPANY CERTIFIES THAT DRY GAS IS BEING DISTRIBUTED.
14. BRANCHES SHALL BE TAKEN OFF A RISER WITH NOT LESS THAN A 2 ELBOW SWING.
15. GAS PIPING SHALL NOT BE USED FOR AN ELECTRICAL GROUND.
16. WHERE PIPING IS INSTALLED IN A SHAFT, THE SHAFT SHALL HAVE A FIRE PROTECTION RATING PER THE BUILDING CODE.

BUILDING DEPARTMENT PLUMBING NOTES

ALL PLUMBING WORK SHALL MEET THE REQUIREMENTS OF NEW YORK CITY PLUMBING CODE 2014.

1. VERIFY DIMENSIONS AND CONFIGURATIONS OF BUILDING ELEMENTS PRIOR TO START OF WORK. DIMENSIONS ARE FROM ROUGH TO ROUGH SURFACE.

2. PIPING AND EQUIPMENT ARE INDICATED IN SCHEMATIC FORM. PROVIDE NECESSARY OFFSETS, TRANSITIONS, BENDS AND ADJUSTMENTS IN LOCATION SUBJECT TO THE APPROVAL OF THE ARCHITECTS.

3. ALL WORK SHALL COMPLY WITH THE 2014 NYC PLUMBING CODE.

4. THIS CONTRACTOR WILL COORDINATE HIS WORK WITH ALL OTHER TRADES.

5. PROTECTION OF PIPES AND PLUMBING SYSTEM COMPONENTS SHALL BE AS PER SECTION PC 305 OF THE 2014 NYC PLUMBING CODE.

6. ALL PIPING SUPPORTS SHALL BE AS PER SECTION PC 308 OF THE 2014 NYC PLUMBING CODE.

7. WASHROOM AND TOILET ROOM REQUIREMENTS SHALL BE AS PER SECTION PC 310 OF THE 2014 NYC PLUMBING CODE.

8. TEST AND INSPECTIONS SHALL BE PERFORMED AS PER SECTION PC 312 OF THE 2014 NYC PLUMBING CODE.

9. CONDENSATE DISPOSAL SHALL COMPLY WITH SECTION PC 314 OF THE 2014 NYC PLUMBING CODE.

10. PLUMBING FIXTURE MATERIALS SHALL COMPLY WITH SECTION PC 402 OF THE 2014 NYC PLUMBING CODE.

11. INSTALLATION OF PLUMBING FIXTURES SHALL COMPLY WITH SECTION PC 405 OF THE 2014 NYC PLUMBING CODE.

12. FLOOR AND TRENCH DRAIN SHALL COMPLY WITH SECTION PC 412 OF THE 2014 NYC PLUMBING CODE.

13. LAVATORIES, MATERIALS AND INSTALLATION SHALL COMPLY WITH SECTION PC 416 OF THE 2014 NYC PLUMBING CODE.

14. SINK MATERIALS AND INSTALLATION SHALL SECTION PC 418 OF THE 2014 NYC PLUMBING CODE.

15. WATER CLOSETS MATERIALS AND INSTALLATION SHALL SECTION PC 420 OF THE 2014 NYC PLUMBING CODE.

16. FAUCETS AND OTHER FIXTURE FITTINGS SHALL COMPLY WITH SECTION PC 424 OF THE 2014 NYC PLUMBING CODE.

17. WATER DISTRIBUTION SYSTEM SHALL COMPLY WITH SECTION PC 604 AND PC 606 OF THE 2014 NYC PLUMBING CODE.

18. HOT WATER SUPPLY SYSTEM SHALL COMPLY WITH SECTION PC 607 OF THE 2014 NYC PLUMBING CODE.

19. DISINFECTION OF POTABLE WATER SYSTEM SHALL COMPLY WITH SECTION PC 610 OF THE 2014 NYC PLUMBING CODE.

20. DRAINAGE PIPING AND INSTALLATION SHALL COMPLY WITH SECTION PC 703, PC 704 AND PC 705 OF THE NYC PLUMBING CODE.

21. CLEANOUTS SHALL BE PROVIDED AS PER SECTION PC 708 OF THE 2014 NYC PLUMBING CODE.

22. INDIRECT WASTES SHALL COMPLY WITH SECTION PC 802 OF THE 2014 NYC PLUMBING CODE.

23. VENT PIPING MATERIALS AND INSTALLATION SHALL COMPLY WITH SECTION PC 902, PC 903, PC 904, PC 905, PC 906, PC 907, PC 908 AND PC 909 OF THE 2014 NYC PLUMBING CODE.

24. VENT PIPE SIZES SHALL COMPLY WITH SECTION PC 916 OF THE 2014 NYC PLUMBING CODE.

25. PROTECTION OF PIPING AS OUTLINED IN PC 305 SHALL BE PROVIDED AS REQUIRED.

26. ALL PIPING AND MATERIALS SHALL BE AS DIRECTED IN PC 605.

27. ALL MATERIAL, JOINTS & CONNECTIONS SHALL BE AS DIRECTED IN PC 605

28. CONSTRUCTION, QUANTITIES, DEVICES, FIXTURES, FAUCETS, VALVES AND FACILITIES FOR THE DISABLED SHALL BE AS OUTLINED IN PC 403

29. WATER SUPPLY SYSTEM, VALVES, TESTS SHALL BE AS DIRECTED IN PC 312. VALVES SHALL BE PROVIDED AT RISERS AND ELSEWHERE AS PER PC 604.

30. SANITARY DRAINAGE PIPING, SIZING, GRADING AND OFFSETS SHALL BE AS OUTLINED IN PC 710.

31. VENT SIZING, GRADING, CONNECTIONS, LOCATIONS AND OFFSETS SHALL BE AS DIRECTED IN PC 711.

32. STORM DRAINAGE PIPING AND SIZING SHALL BE IN ACCORDANCE WITH PC 1106

33. SPECIAL AND MISCELLANEOUS PIPING SHALL BE AS DIRECTED IN PC 1201

34. INDIRECT WASTE PIPING SHALL BE AS DIRECTED IN PC 802

35. GAS PIPING INSTALLATION, MATERIAL AND SIZES SHALL ADHERE TO FGC 401. ALL PLUMBING FIXTURES SHALL COMPLY WITH LOCAL LAW 29/89 - LOW FLOW FIXTURES.

SPECIFICATIONS

1. ALL MATERIALS SHALL BE APPROVED FOR INSTALLATION IN NEW YORK CITY. MATERIALS OTHER THAN METALLIC SHALL NOT BE USED.

2. ALL PIPING, FITTINGS, VALVES, ETC. SHALL BE PROPERLY INSULATED TO PREVENT SWEATING AND/OR HEAT LOSS.

3. ALL PIPING SHALL BE PROPERLY AND SECURELY FASTENED AND/OR HUNG SO AS NOT TO COME IN CONTACT WITH NOR BE SUPPORTED BY ANYTHING OTHER THAN THE PROPER AND INTENDED SUPPORTS MENTIONED.

4. ALL WASTE LINES SHALL BE PROPERLY PITCHED AND PIPED TO INSURE TOTAL DRAINAGE AND SO AS NOT TO CREATE NOR FORM TRAPS.

5. PROVIDE SHUT-OFF VALVE FOR EACH WATER TAKE-OFF TO NEW EQUIPMENT.

6. ALL EXPOSED PIPING SHALL BE CHROME PLATED.

7. NEW YORK STATE DEPARTMENT OF HEALTH STANDARD AND REGULATION SHALL APPLY TO THE WORK PERFORMED.

8. PROVIDE ALL TESTS AS REQUIRED BY CODE.

9. ALL NEW WORK MUST BE COORDINATED WITH BUILDING MANAGEMENT.

10. ALL EXISTING UNUSED PIPING SHALL BE REMOVED.

11. LOCATION AND SIZES OF THE EXISTING PIPING SHALL BE VERIFIED IN FIELD BY THIS CONTRACTOR. CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING.

12. SECURE THE LANDLORD'S APPROVAL FOR ALL CORE SIZES AND LOCATIONS PRIOR TO DRILLING THROUGH THE EXISTING FLOOR SLAB.

13. FURNISH AND INSTALL A FIRE RETARDANT JACKET PIPE INSULATION.
A. COLD WATER: 1" THICK FIBERGLASS SECTIONAL PIPE COVERING WITH VAPOR BARRIER JACKET.
B. HOT WATER: 1" FIBERGLASS SECTIONAL PIPE COVERING.

14. PROVIDE TEST AND STERILIZE ALL SYSTEMS AS REQUIRED BY NYC CODE.

15. THIS CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, INSPECTIONS, CERTIFICATES, APPROVALS, ETC., REQUIRED FOR THE NEW AND ALTERED PLUMBING SYSTEMS.

16. PIPING MATERIAL
A. WASTE & VENT: CI. "NO HUB"
B. WATER: COPPER TYPE "L" SILVER BRACED JOINT.

18. CONTRACTOR SHALL INSTALL THE BOILER AND WATER HEATER AS PER NYC CODE/MANUFACTURER RECOMMENDATION.



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GENERAL NOTE

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SECTION PC 607 HOT WATER
SUPPLY SYSTEM

NOTES:

607.1 WHERE REQUIRED,IN RESIDENTIAL OCCUPANCIES, HOT WATER SHALL BE SUPPLIED TO ALL PLUMBING FIXTURES AND EQUIPMENT UTILIZED FOR BATHING, WASHING, CULINARY PURPOSES, CLEANSING, LAUNDRY OR BUILDING MAINTENANCE. IN NON-RESIDENTIAL OCCUPANCIES, HOT WATER SHALL BE SUPPLIED FOR CULINARY PURPOSES, CLEANSING, LAUNDRY OR BUILDING MAINTENANCE PURPOSES. IN NONRESIDENTIAL OCCUPANCIES, HOT WATER OR TEMPERED WATER SHALL BE SUPPLIED FOR BATHING AND WASHING PURPOSES. TEMPERED WATER SHALL BE SUPPLIED THROUGH A WATER TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070 AND SHALL LIMIT THE TEMPERED WATER TO A MAXIMUM OF 110°F (43°C). THIS PROVISION SHALL NOT SUPERSEDE THE REQUIREMENT FOR PROTECTIVE SHOWER VALVES IN ACCORDANCE WITH SECTION 424.3

607.2 HOT WATER SUPPLY TEMPERATURE MAINTENANCE.WHERE THE DEVELOPED LENGTH OF HOT OR TEMPERED WATER PIPING FROM THE SOURCE OF HOT WATER SUPPLY TO THE FARTHEST FIXTURE EXCEEDS 20 FEET (6096MM), THE HOT WATER SUPPLY SYSTEM SHALL BE PROVIDED WITH A METHOD OF MAINTAINING THE TEMPERATURE IN ACCORDANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE.

607.2.1 PIPING INSULATION. CIRCULATING HOT WATER SYSTEM PIPING SHALL BE INSULATED IN ACCORDANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE.

607.2.2 HOT WATER SYSTEM CONTROLS.AUTOMATIC CIRCULATING HOT WATER SYSTEM PUMPS OR TEMPERATURE MAINTENANCE CABLESHALL BE ARRANGED TO BE CONVENIENTLY TURNED OFF, AUTOMATICALLY OR MANUALLY, WHEN THE HOT WATER SYSTEM IS NOT IN OPERATION.

607.2.3 RECIRCULATING PUMP.WHERE A THERMOSTATIC MIXING VALVE IS USED IN A SYSTEM WITH A HOT WATER RECIRCULATING PUMP, THE HOT WATER OR TEMPERED WATER RETURN LINE SHALL BE ROUTED TO THE COLD WATER INLET PIPE OF THE WATER HEATER AND THE COLD WATER INLET PIPE OR THE HOT WATER RETURN CONNECTION OF THE THERMOSTATIC MIXING VALVE.

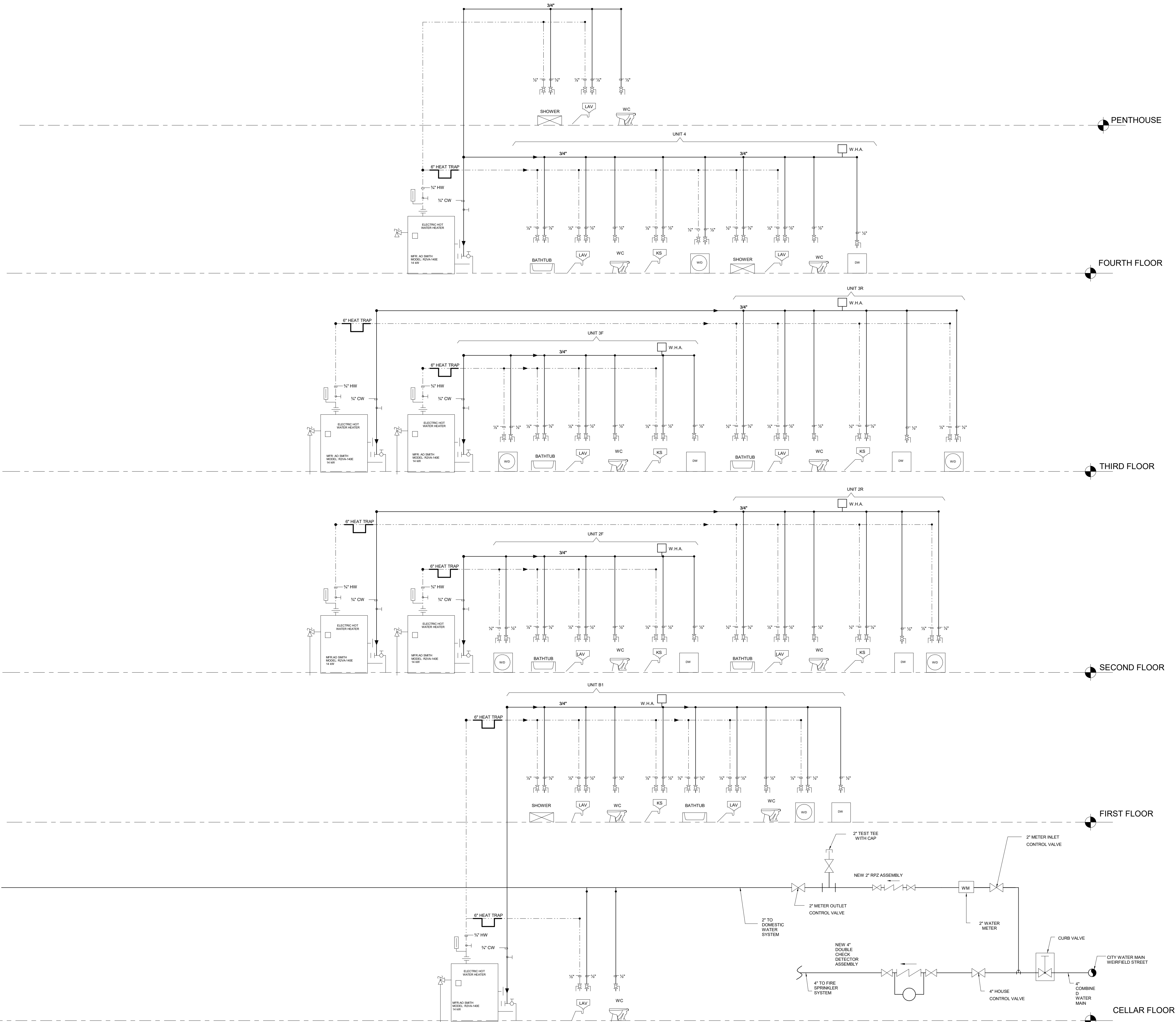
607.3 THERMAL EXPANSION CONTROL.A MEANS OF CONTROLLING INCREASED PRESSURE CAUSED BY THERMAL EXPANSION SHALL BE PROVIDED WHERE REQUIRED IN ACCORDANCE WITH SECTIONS 607.3.1 AND 607.3.2.

607.3.1 PRESSURE-REDUCING VALVE.FOR WATER SERVICE SYSTEM SIZES UP TO AND INCLUDING 2 INCHES (51 MM), A DEVICE FOR CONTROLLING PRESSURE SHALL BE INSTALLED WHERE, BECAUSE OF THERMAL EXPANSION, THE PRESSURE ON THE DOWNSTREAM SIDE OF A PRESSURE-REDUCING VALVE EXCEEDS THE PRESSURE-REDUCING VALVE SETTING.

607.3.2 BACKFLOW PREVENTION DEVICE OR CHECK VALVE.WHERE A BACKFLOW PREVENTION DEVICE, CHECK VALVE OR OTHER DEVICE IS INSTALLED ON A WATER SUPPLY SYSTEM UTILIZING STORAGE WATER HEATING EQUIPMENT SUCH THAT THERMAL EXPANSION CAUSES AN INCREASE IN PRESSURE, A DEVICE FOR CONTROLLING PRESSURE SHALL BE INSTALLED.

607.4 FLOW OF HOT WATER TO FIXTURES.FIXTURE FITTINGS, FAUCETS AND DIVERTERS SHALL BE INSTALLED AND ADJUSTED SO THAT THE FLOW OF HOT WATER FROM THE FITTINGS CORRESPONDS TO THE LEFT-HAND SIDE OF THE FIXTURE FITTING.

EXCEPTION:SHOWER AND TUB/SHOWER MIXING VALVES CONFORMING TO ASSE 1016OR ASME A112.18.1/CSA B125.1, WHERE THE FLOW OF HOT WATER CORRESPONDS TO THE MARKINGS ON THE DEVICE.



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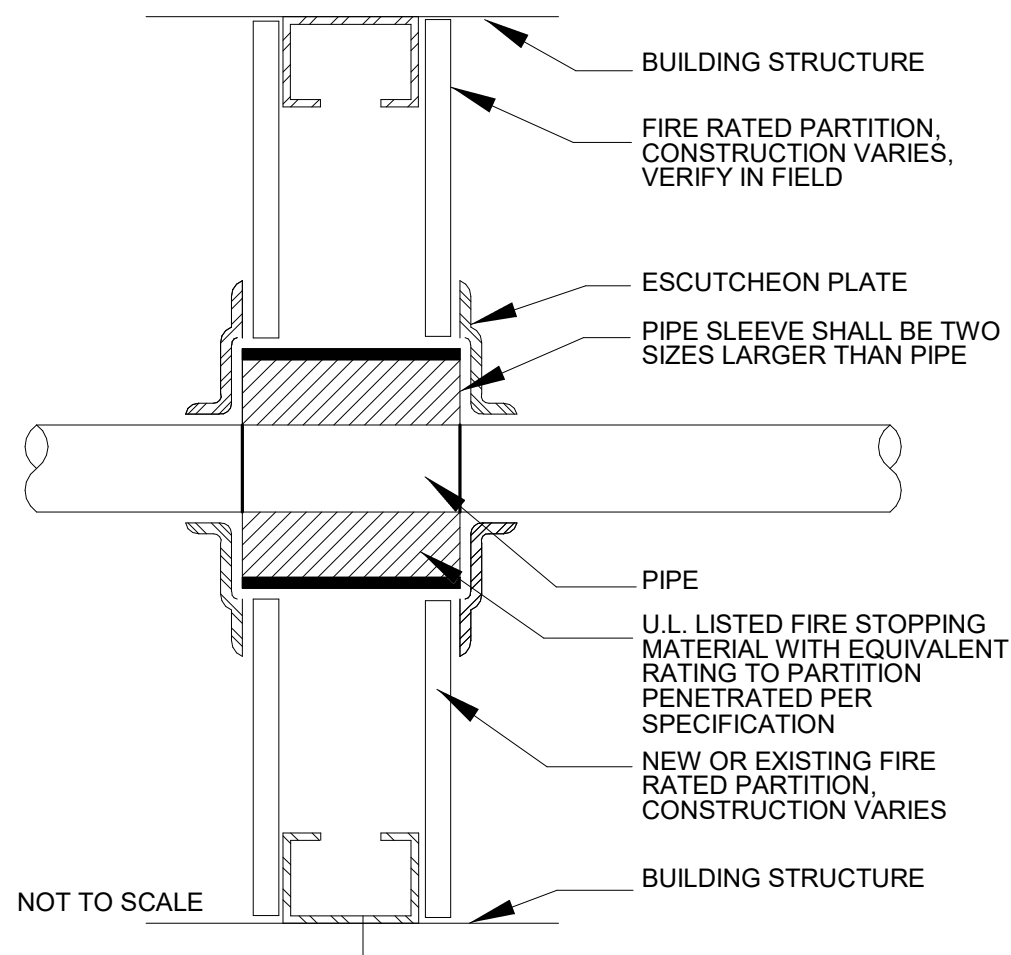
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FIRE STOPPING
1. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR ENSURING THAT
EXISTING AND NEW PENETRATION ARE PROPERLY FIRE STOPPED WITH
THE FOLLOWING:

A. THE FIRE STOPPING SYSTEM AND COMPONENTS SHALL BE AS
MANUFACTURED BY 3M. NO SUBSTITUTIONS SHALL BE PERMITTED.

B. METAL PIPES OR CONDUIT THROUGH BLOCK WALL USE UL
SYSTEM NO. CAJ1044 AND 3M PRODUCT CP25 WB & CAULK.

C. METAL PIPES OR CONDUIT THROUGH GYPSUM WALLS USE UL
SYSTEM NO. WL 1001 AND 3M PRODUCT CP 25 WB &
CAULK

PIPE PENETRATION AT RATED PARTITION
NOT TO SCALE

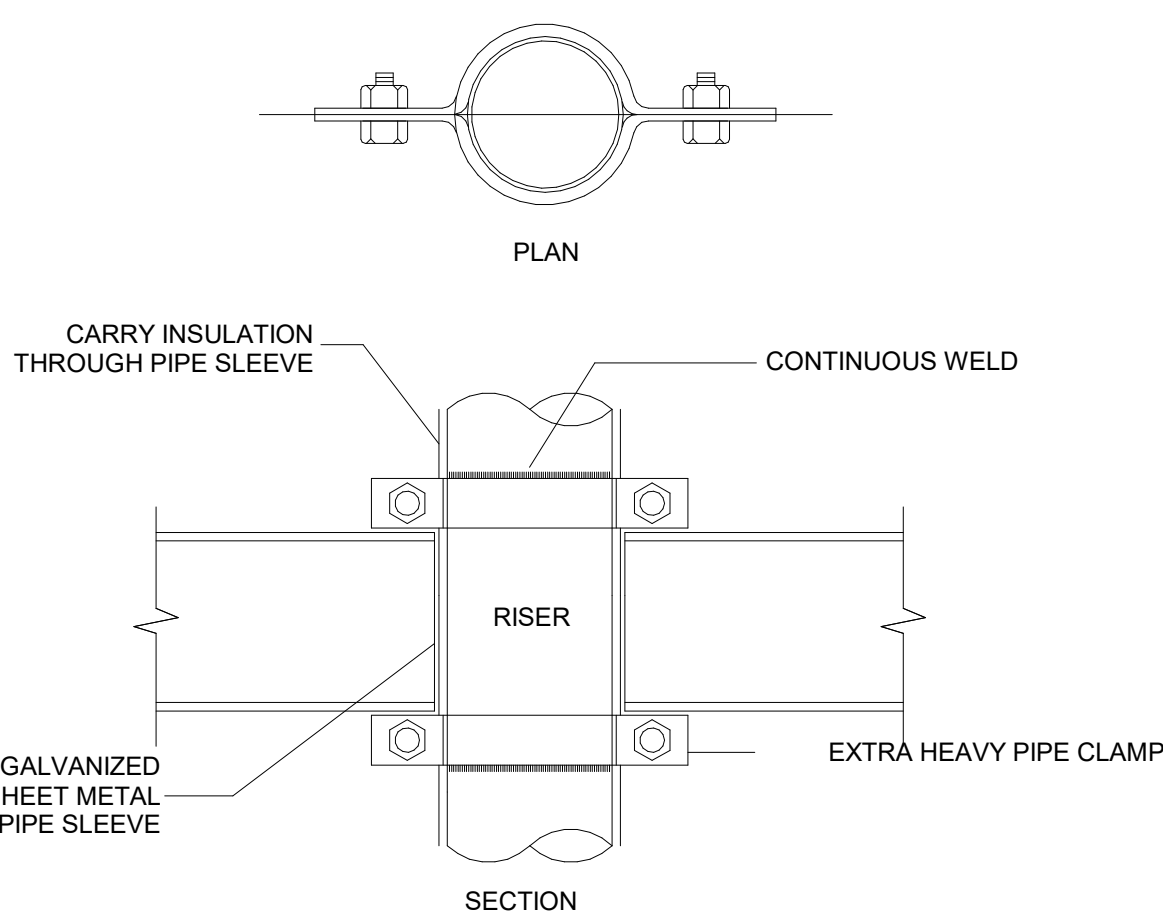
NYCC ENERGY CODE COMPLIANCE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL
JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN
COMPLIANCE WITH THE 2016 NEW YORK CITY ENERGY
CONSERVATION CODE, USING CHAPTER C4

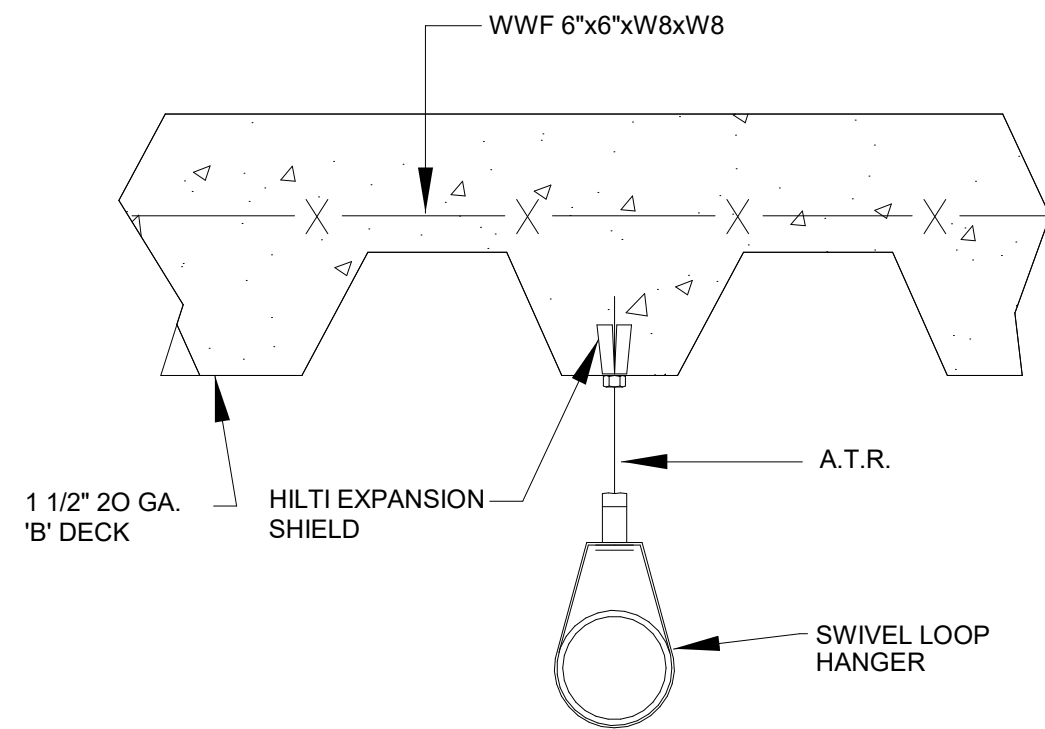
1 1/2" THICKNESS (R-3)

3/4" PIPING

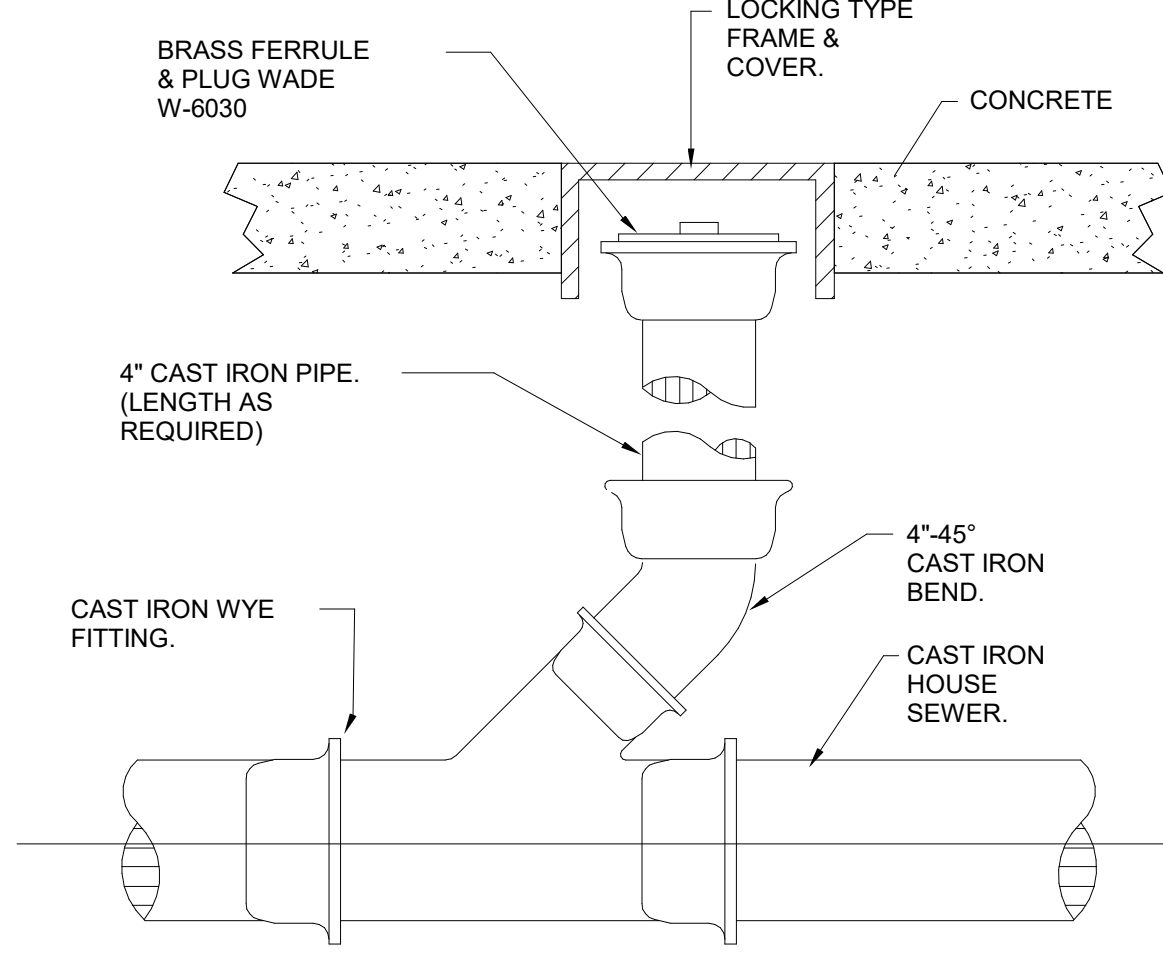
PLUMBING PIPING INSULATION
N.T.S.



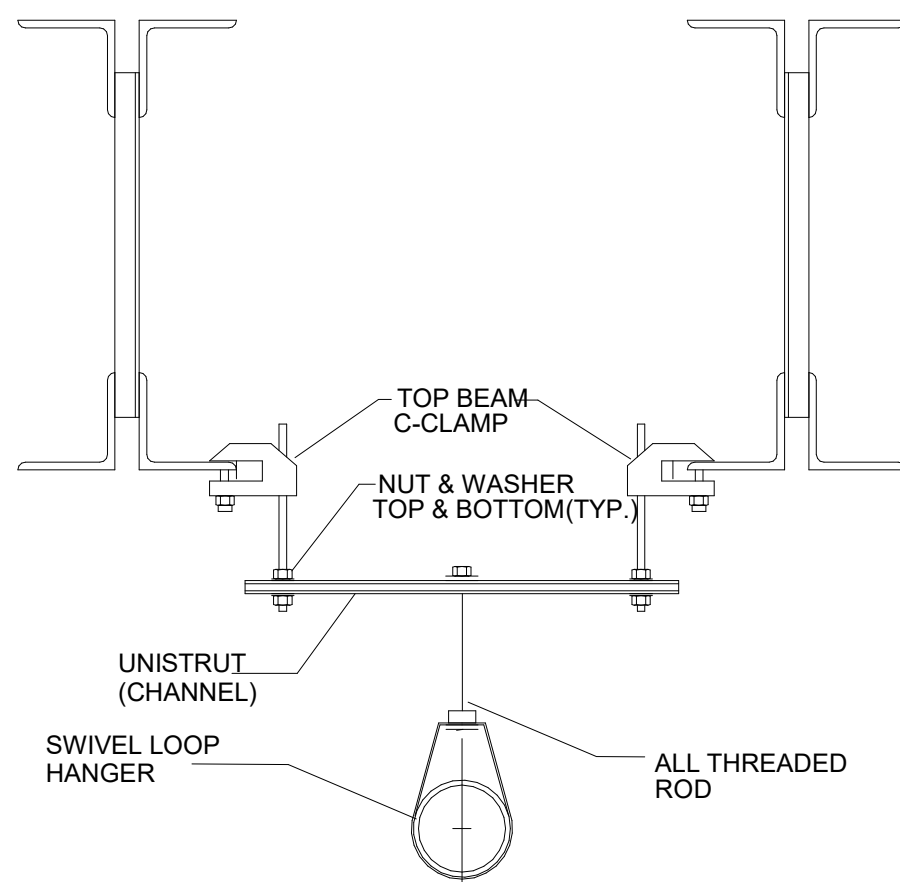
TYPICAL RISER ANCHOR
NOT TO SCALE



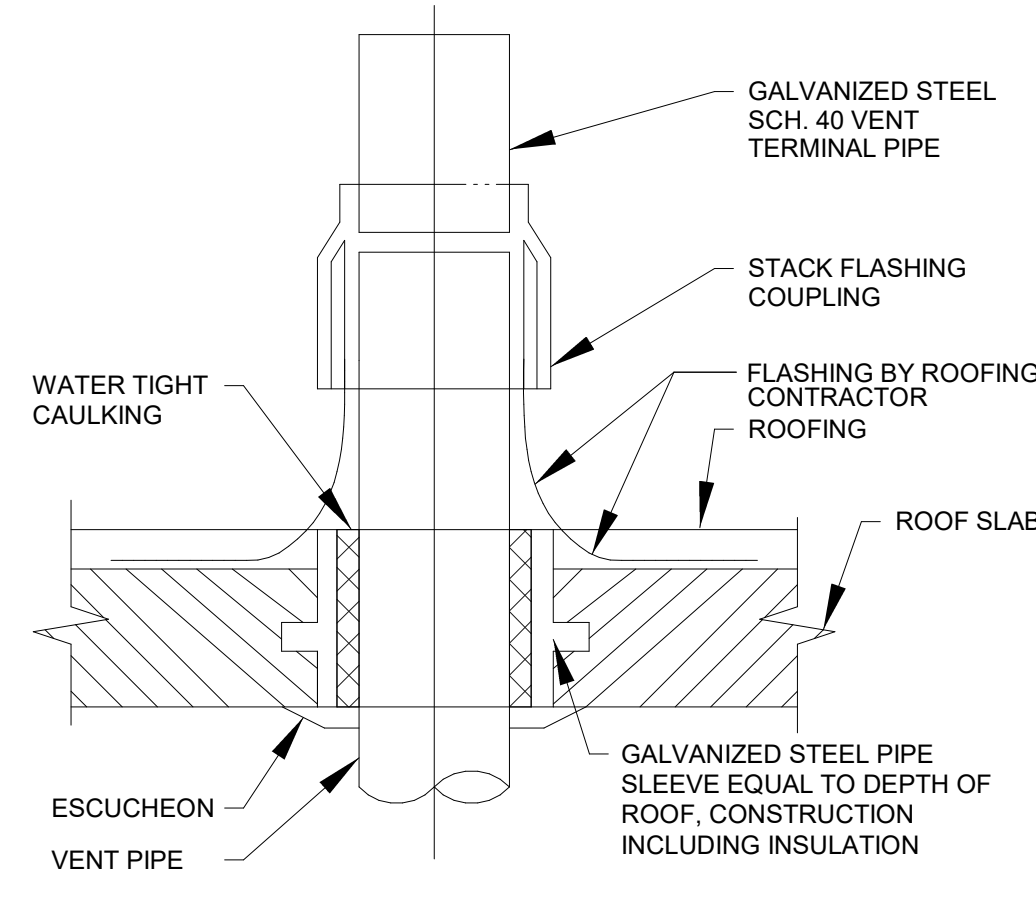
HANGER ASSEMBLY DETAIL
NOT TO SCALE



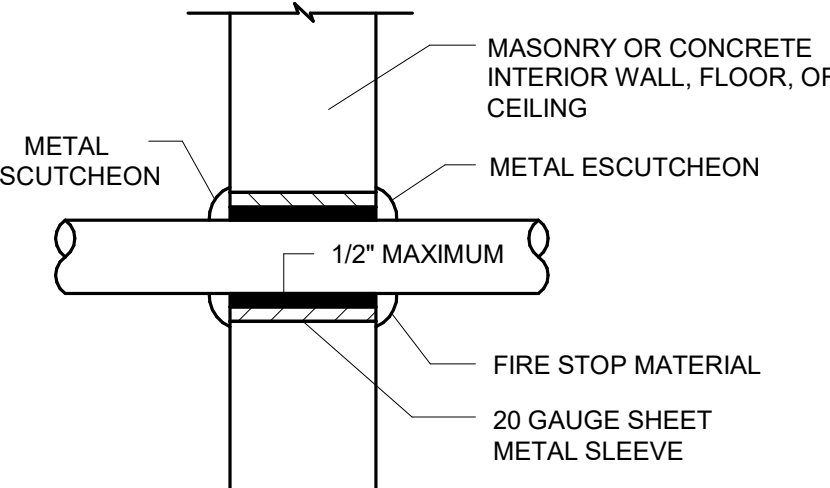
TYP. CLEANOUT TO GRADE DETAIL
NOT TO SCALE



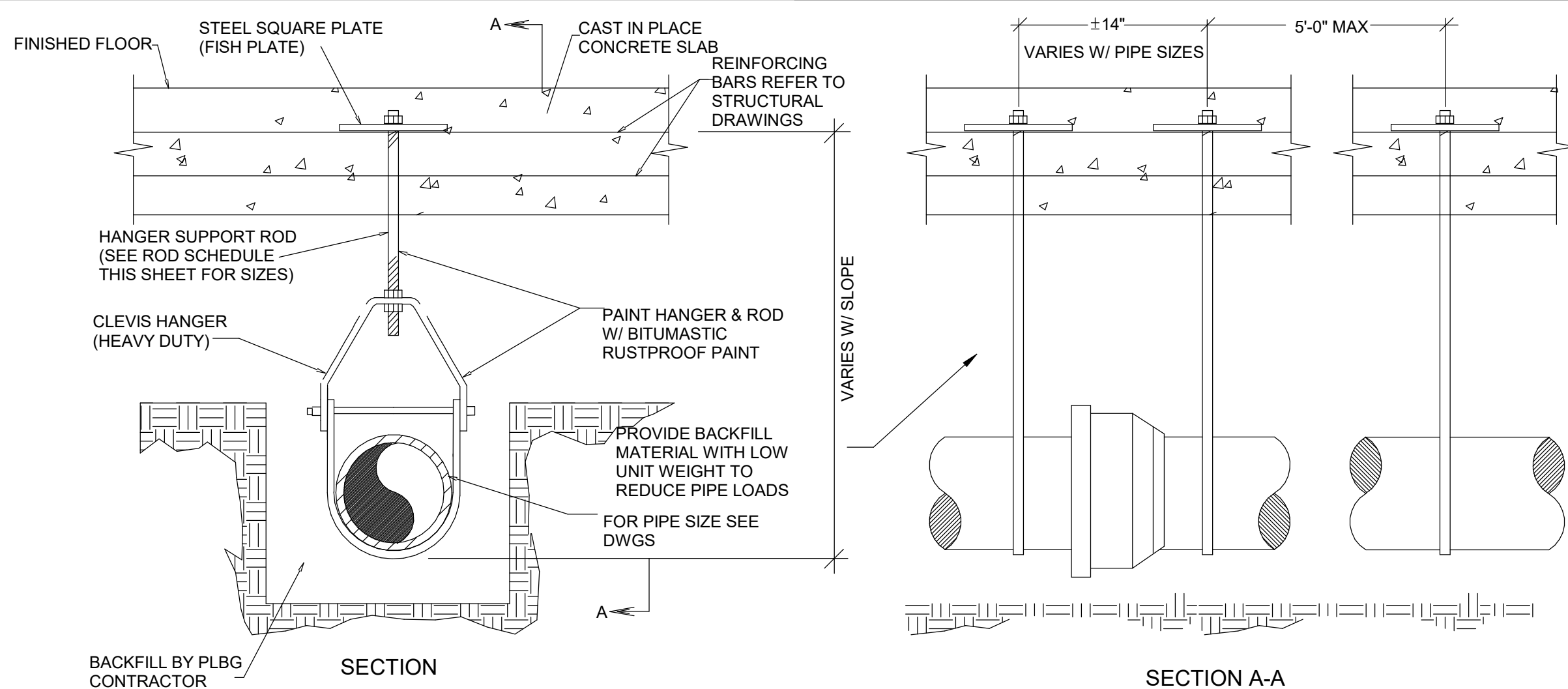
HANGER ASSEMBLY DETAIL
NOT TO SCALE



DETAIL OF ROOF PENETRATION DETAIL
NOT TO SCALE



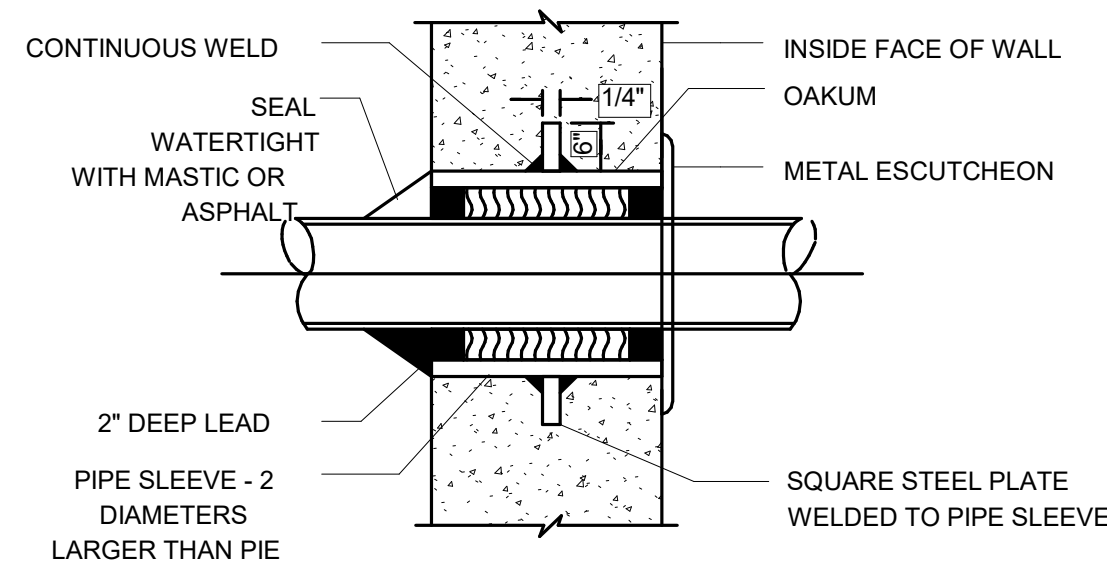
PIPE PENETRATION IN
INTERIOR WALL / FLOOR / CEILING
NOT TO SCALE



TYPICAL UNDERGROUND PIPE SUPPORT DETAIL
NOT TO SCALE

PIPE SIZE IN	PIPE ROD IN
1/2 - 2	3/8
2 1/2 - 3	1/2
4 - 5	5/8
6	3/4
8 - 12	7/8

INSERT AS MFG. BY F & S MANUFACTURING
CORP. OR APPROVED EQUAL FIG. N. 80A-3/8"
TO 3/4" ROD FIG. N. 80B-7/8" DIA. ROD



NOTE: SLEEVE DETAIL APPLIES EQUALLY TO INSTALLATIONS BELOW OR ABOVE
GRADE

PIPE SLEEVE AT OUTSIDE WALL
NOT TO SCALE

FOR OFFICE USE	
Date	Description

DOB JOB #/S

ALT-1:

321595706

BPP:

340707550

FIRE ALARM:

#####

SD1 & SD2:

#####

DOB NOW JOB

MECHANICAL:

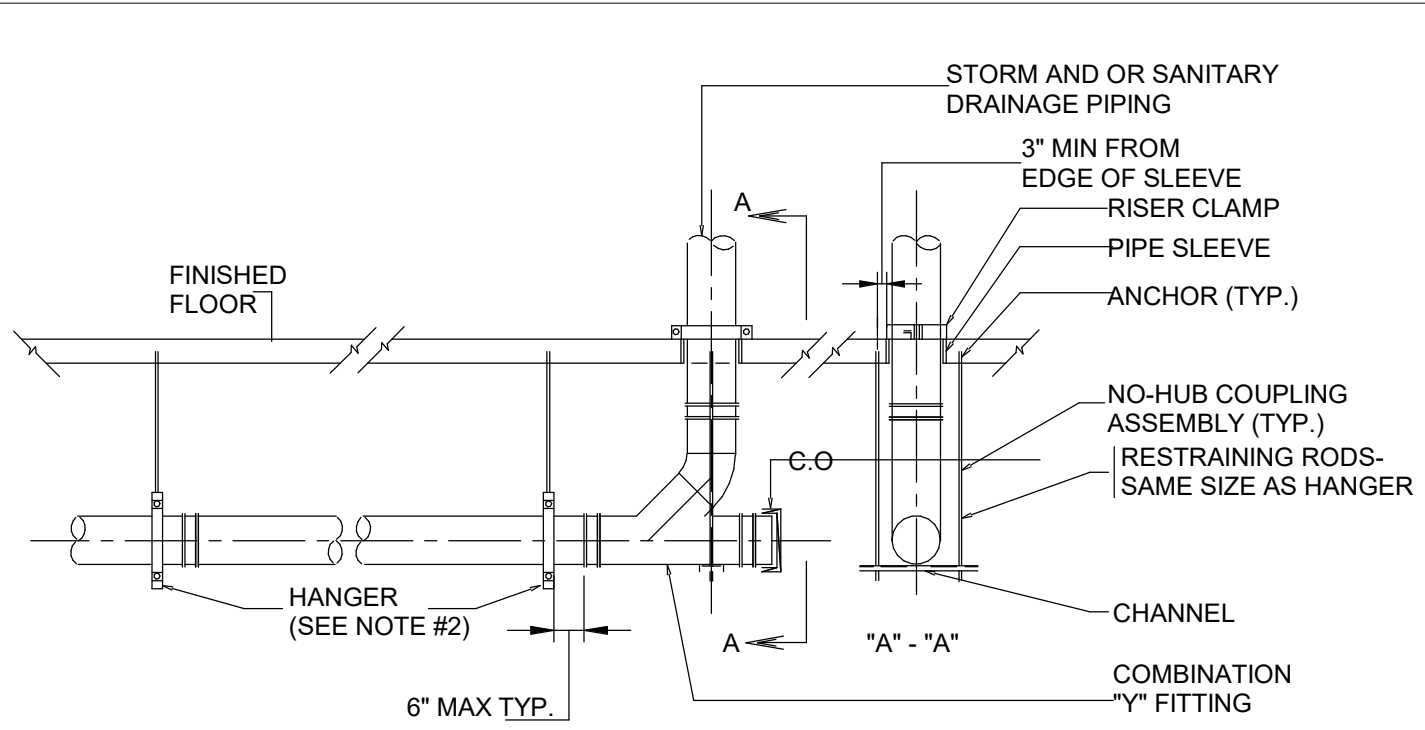
B00273027-11

STRUCTURAL:

#####

PLUM & SPK:

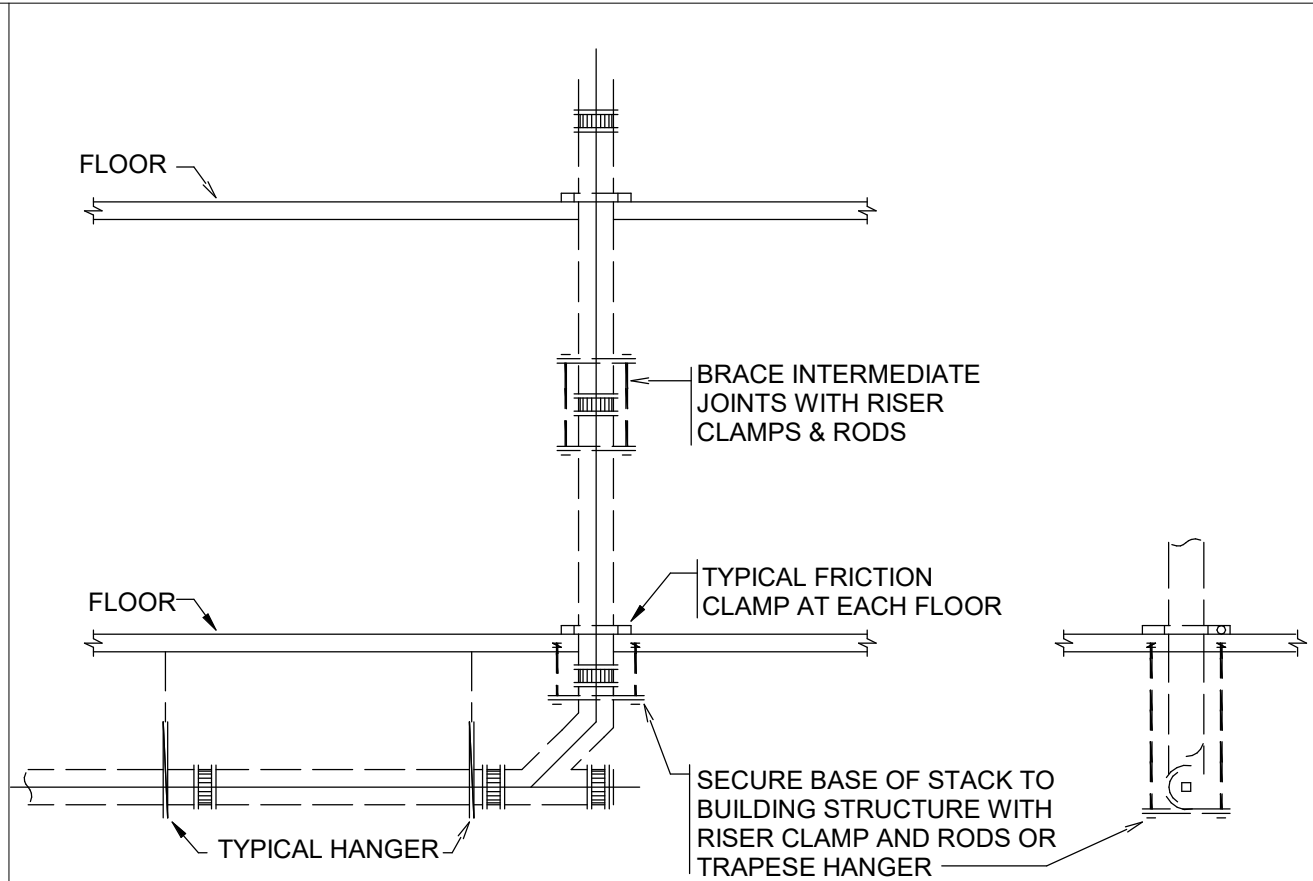
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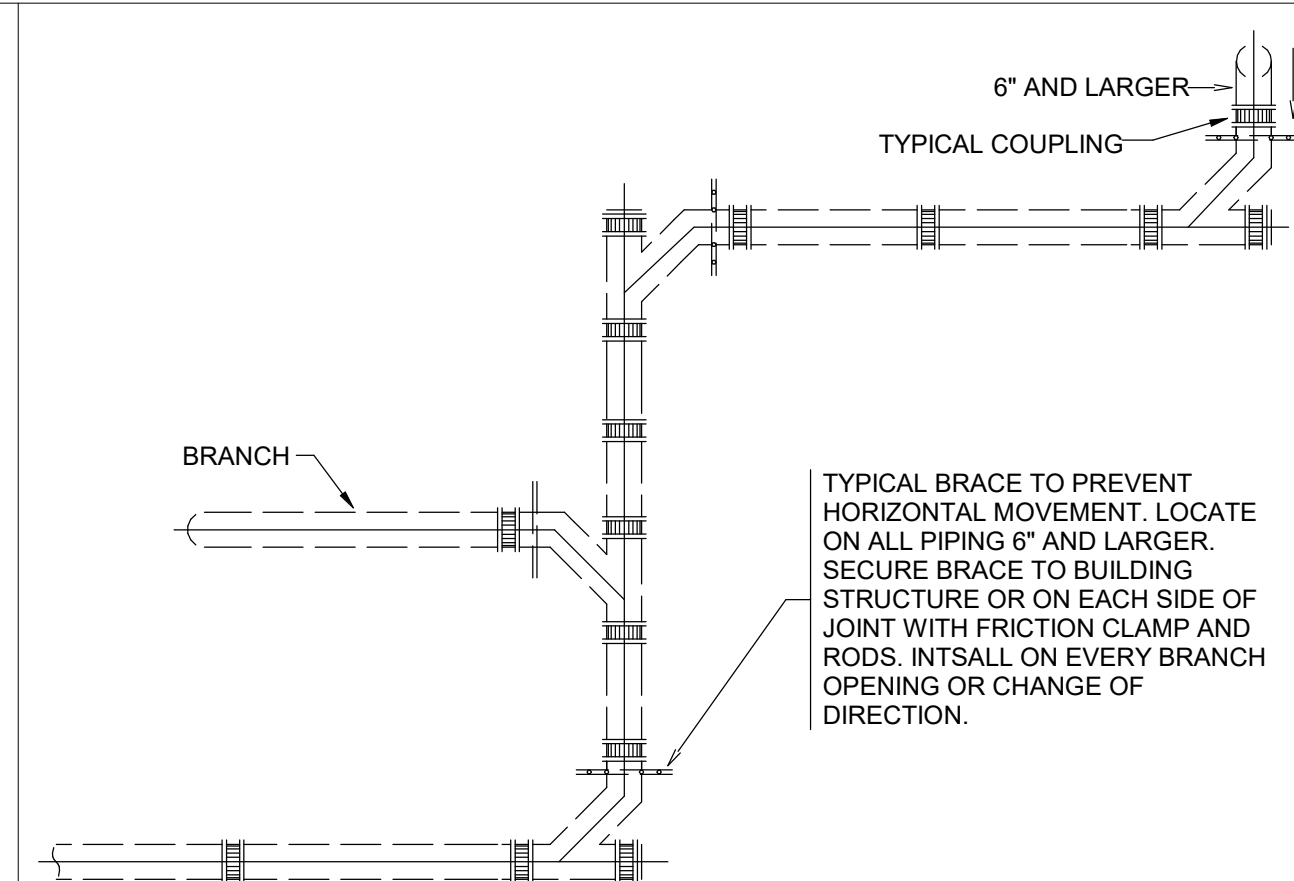
NOTE:

1. PROVIDE RESTRAINING ASSEMBLY AT THE BASE OF EACH STACK.
2. PROVIDE A HANGER AT EACH JOINT.
3. SIZE OF HANGER RODS AND RESTRAINING RODS SHALL BE AS PER CODE AND CAST IRON INSTITUTES STANDARDS.
4. FOR HORIZONTAL SOIL, WASTE, & VENT PIPING LARGER THAN 5" PROVIDE HANGER ON EACH SIDE OF EACH NO-HUB COUPLING SPACED NO FURTHER THAN 18" OR LESS THAN 3" FROM THE COUPLING ENDS.

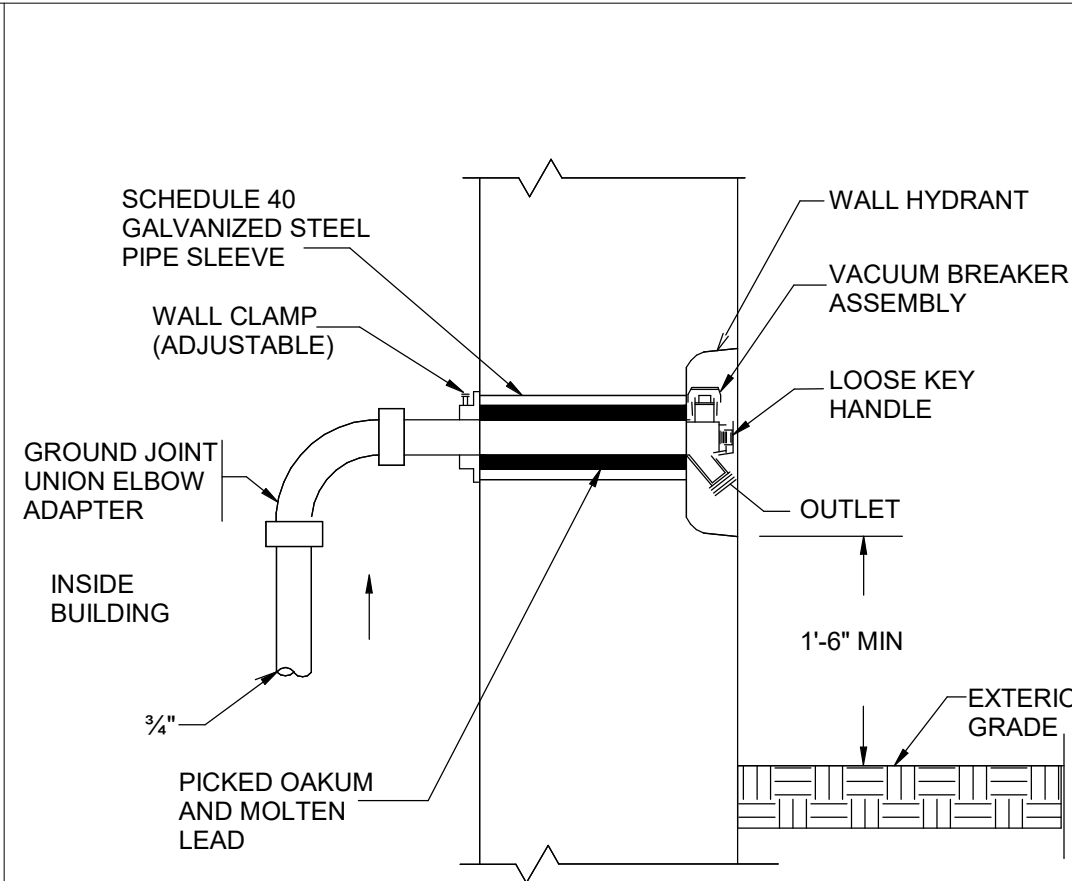
NO-HUB PIPING RESTRAINING DETAIL
 NOT TO SCALE



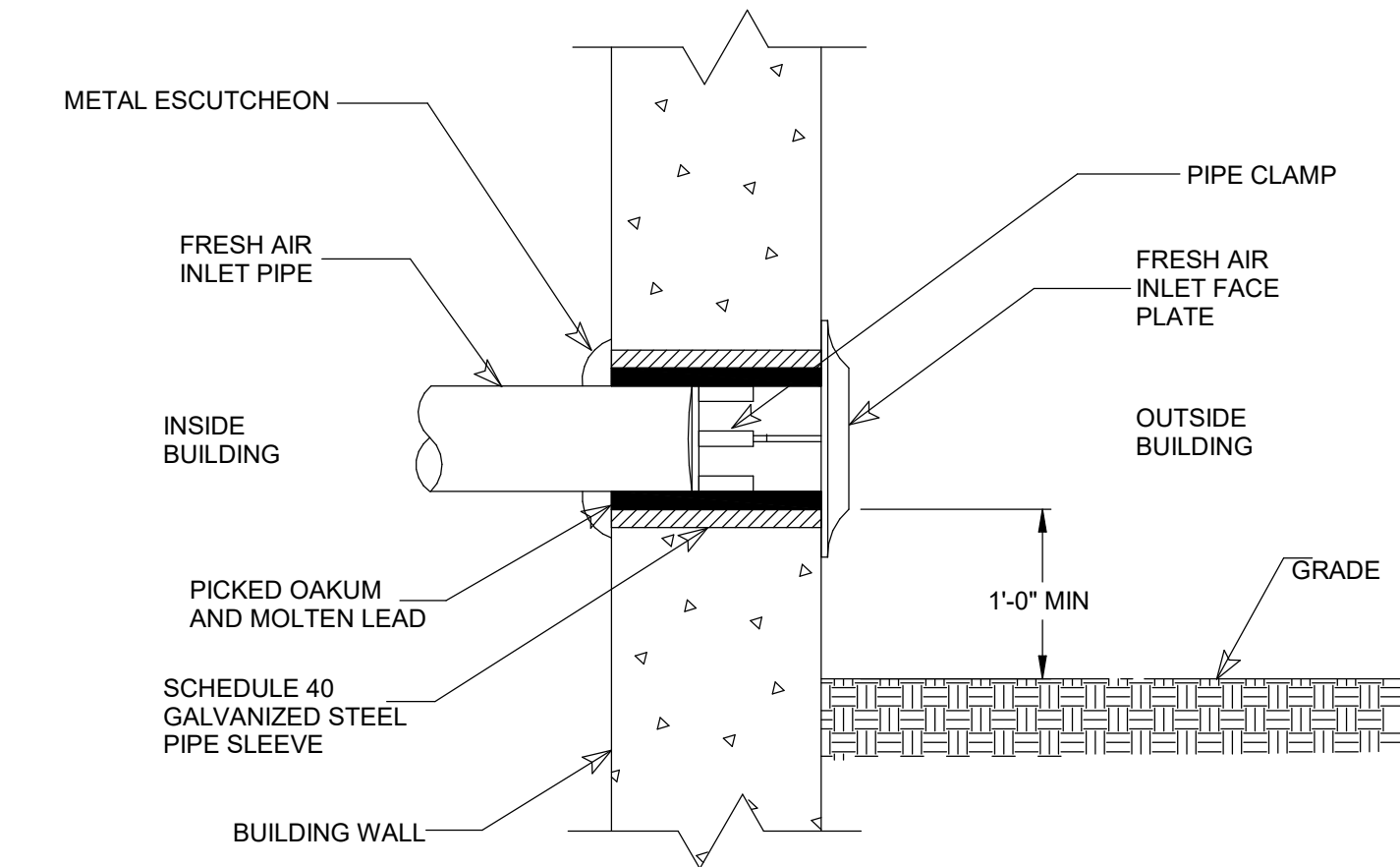
HUBLESS PIPE BRACING FOR VERTICAL PIPING
 NOT TO SCALE



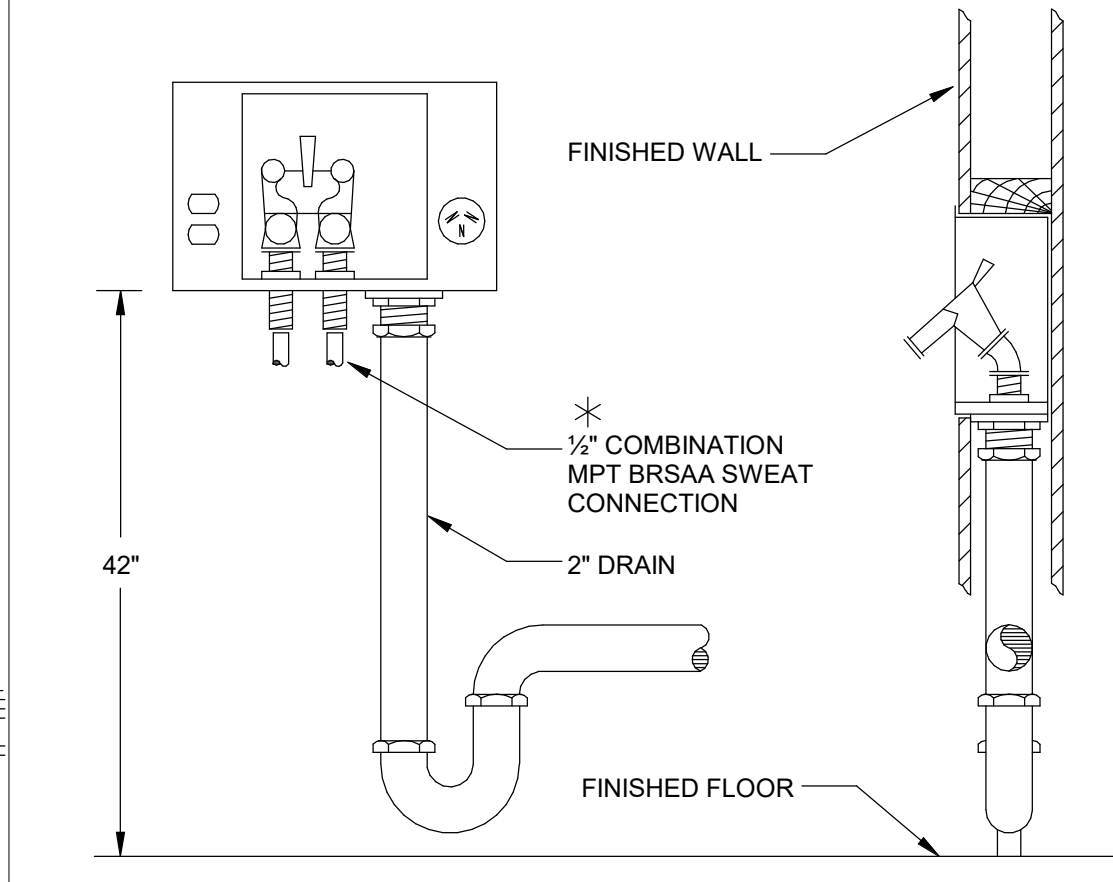
HUBLESS PIPE BRACING FOR HORIZONTAL PIPING
 NOT TO SCALE



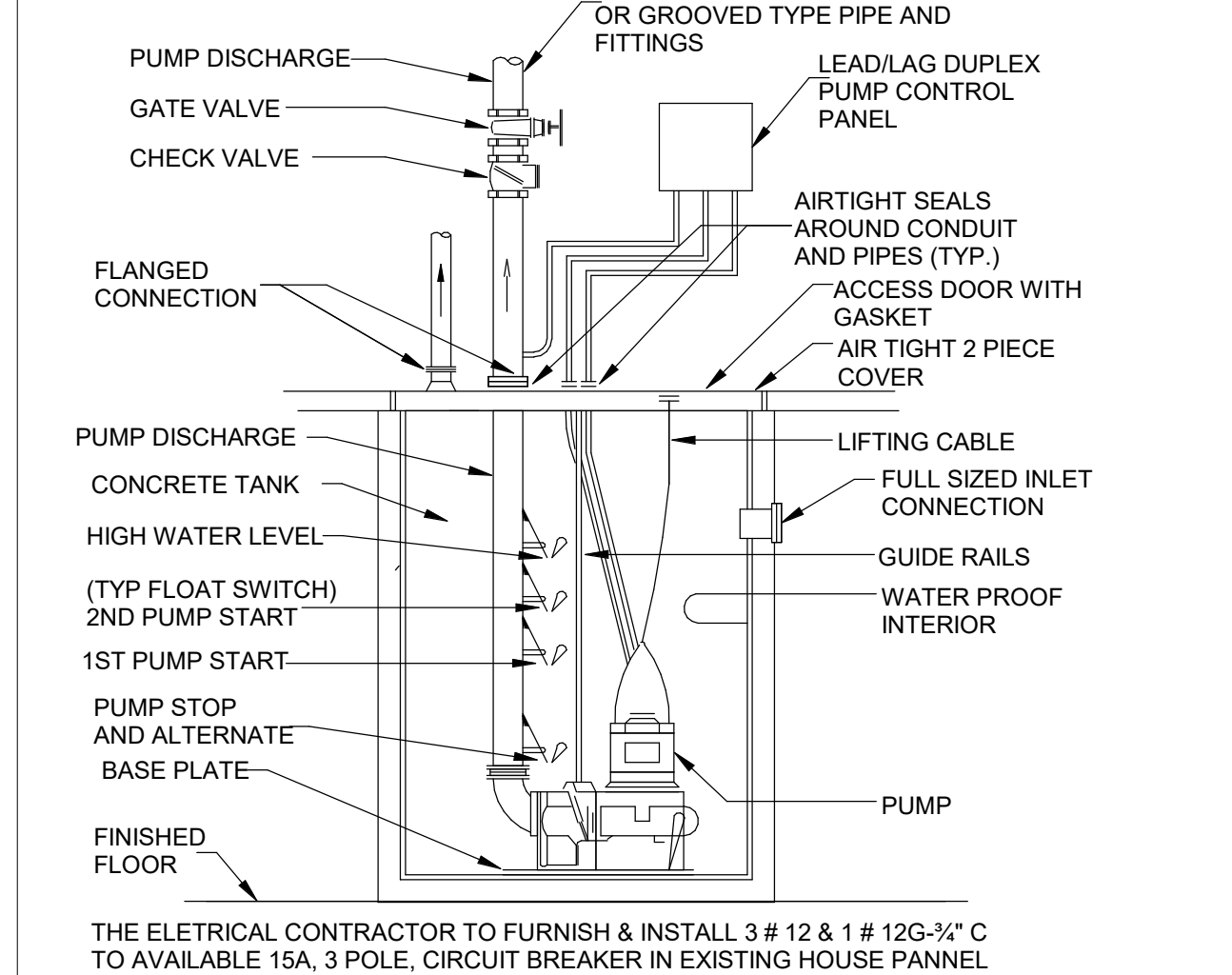
WALL HYDRANT DETAIL
 NOT TO SCALE



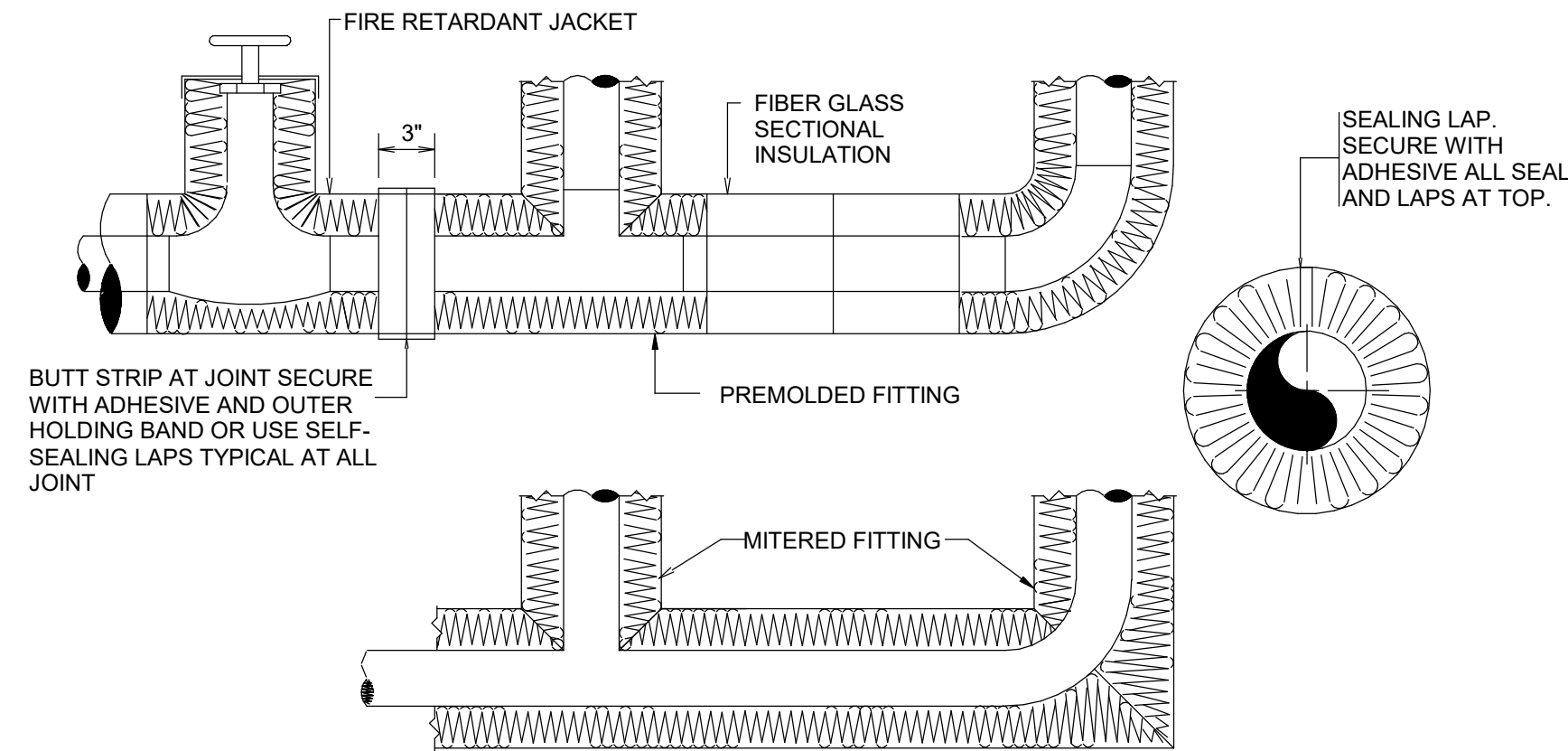
FRESH AIR INLET
 NOT TO SCALE



WAHSING MACHINE SUPPLY & DRAIN UNIT
 NOT TO SCALE



DUPLUX SEWAGE EJECTOR
 NOT TO SCALE



INSULATION OF PIPING VALVES AND FITTINGS FOR EXPOSED AND
 CONCEALED LOCATIONS
 NOT TO SCALE

DOB STAMP:

PROJECT LOCATION:
 1413 HANCOCK STREET
 BROOKLYN, NY 11237

BLOCK: 3393 LOT: 24

PROJECT OWNER AND ADDRESS:
 BEN CAVICCHIO
 275 9TH STREET,
 BROOKLYN, NY 11215

PROJECT DESCRIPTION:
 PROPOSED VERTICAL EXTENSION, GUT RENOVATION
 OF AN EXISTING 2 FAMILY 3 STORY BUILDING, TO
 CONVERT TO A 4 STORY & PENTHOUSE 6 FAMILY
 RESIDENCE

DRAWING NAME:
 PLUMBING DETAIL



Date:

10/30/2019

Project number:

11212

Drawn by:

Author

Checked by:

Checker

Dwg No:

PL-705.00

Page Number:

FOR OFFICE USE	
Date	Description

DOB JOB #'S

ALT-1: 321595706
BPP: 340707550
FIRE ALARM: #####
SD1 & SD2: #####

DOB NOW JOB

MECHANICAL: B00273027-11
STRUCTURAL: #####
PLUM & SPK: #####

DOB STAMP:

PROJECT LOCATION:
1413 HANCOCK STREET
BROOKLYN, NY 11237

BLOCK: 3393 LOT: 24

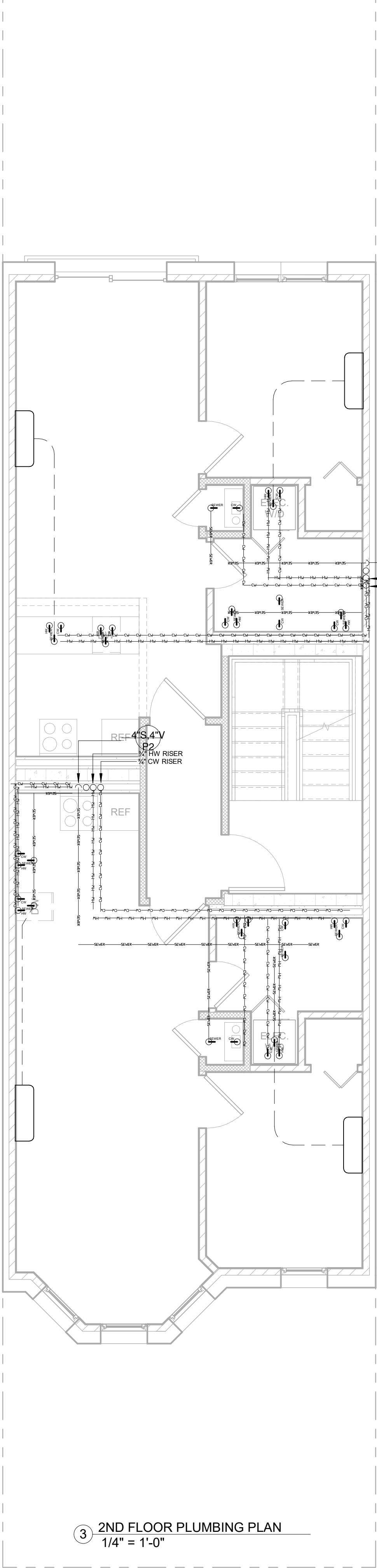
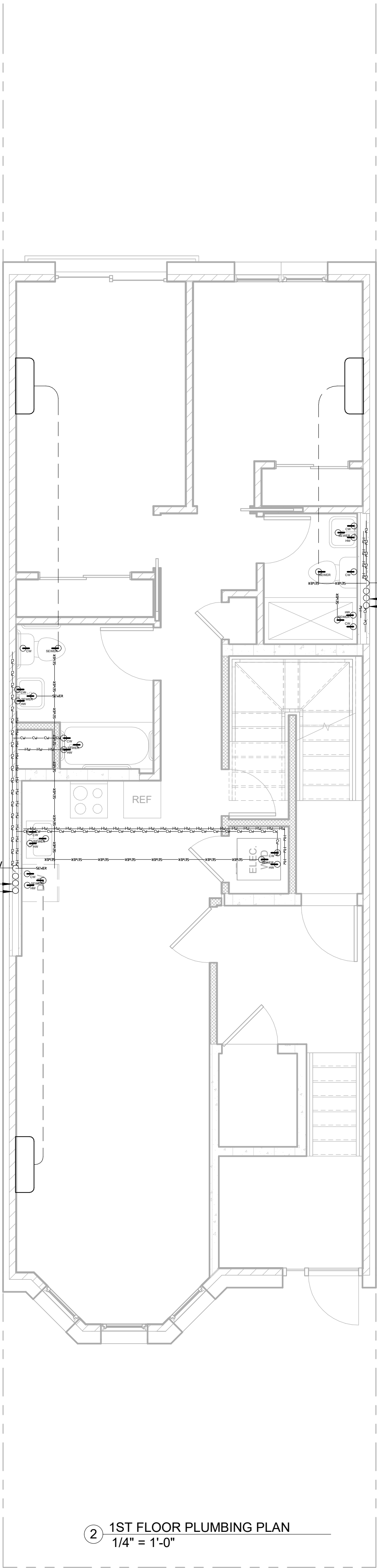
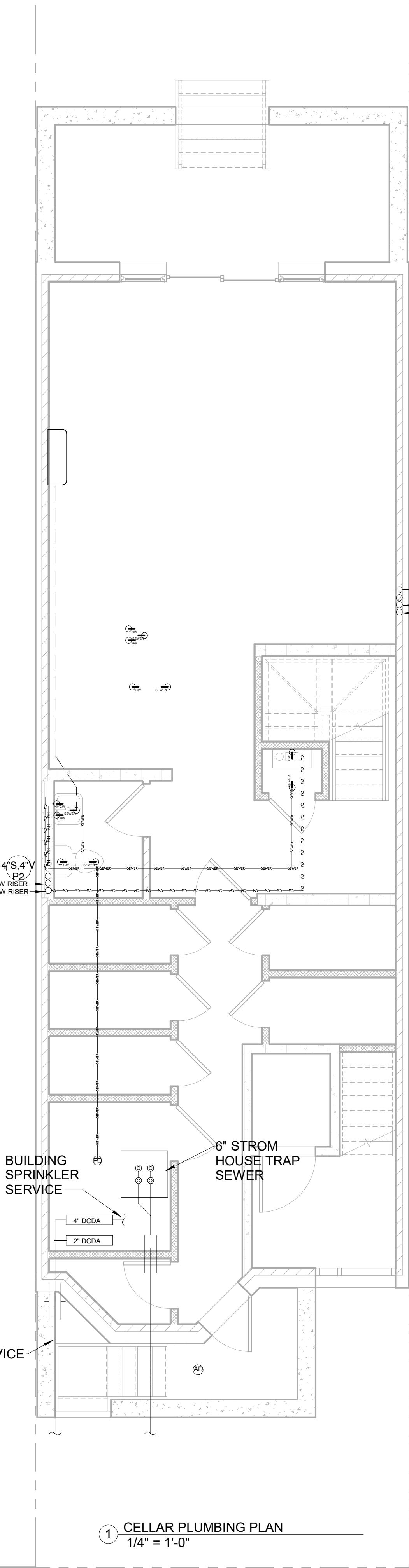
PROJECT OWNER AND ADDRESS:
BEN CAVICCHIO
275 9TH STREET,
BROOKLYN, NY 11215

PROJECT DESCRIPTION:
PROPOSED VERTICAL EXTENSION, GUT RENOVATION
OF AN EXISTING 2 FAMILY 3 STORY BUILDING, TO
CONVERT TO A 4 STORY & PENTHOUSE 6 FAMILY
RESIDENCE

DRAWING NAME:
CELLAR, 1ST, & 2ND FLOOR PLUMBING
PLAN



Date: 10/30/2019
Project number: 11212
Drawn by: Author
Checked by: Checker
Dwg No:
PL-706.00
Page Number:



NOTE:
INFOCUS, WAS NOT RETAINED FOR ANY
SUPERVISION OF THE ACTUAL CONSTRUCTION

FOR OFFICE USE	
Date	Description

DOB JOB #S

ALT-1: 321595706
BPP: 340707550
FIRE ALARM: #####
SD1 & SD2: #####

DOB NOW JOB

MECHANICAL: B00273027-11
STRUCTURAL: #####
PLUM & SPK: #####

DOB STAMP:

PROJECT LOCATION:
1413 HANCOCK STREET
BROOKLYN, NY 11237

BLOCK: 3393 LOT: 24

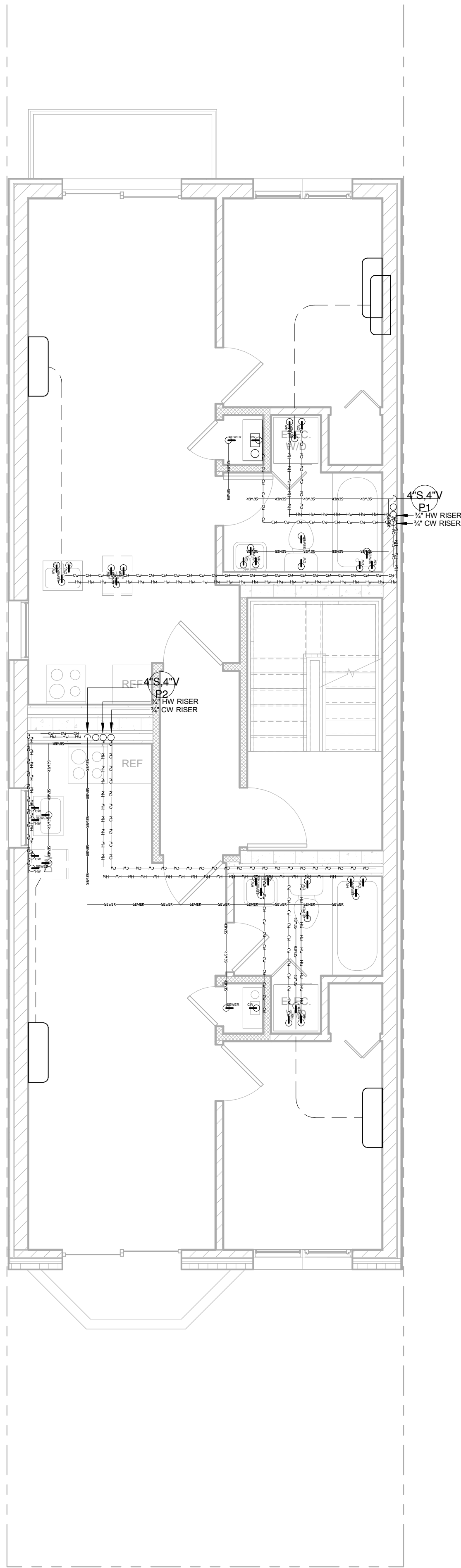
PROJECT OWNER AND ADDRESS:
BEN CAVICCHIO
275 9TH STREET,
BROOKLYN, NY 11215

PROJECT DESCRIPTION:
PROPOSED VERTICAL EXTENSION, GUT RENOVATION
OF AN EXISTING 2 FAMILY 3 STORY BUILDING, TO
CONVERT TO A 4 STORY & PENTHOUSE 6 FAMILY
RESIDENCE

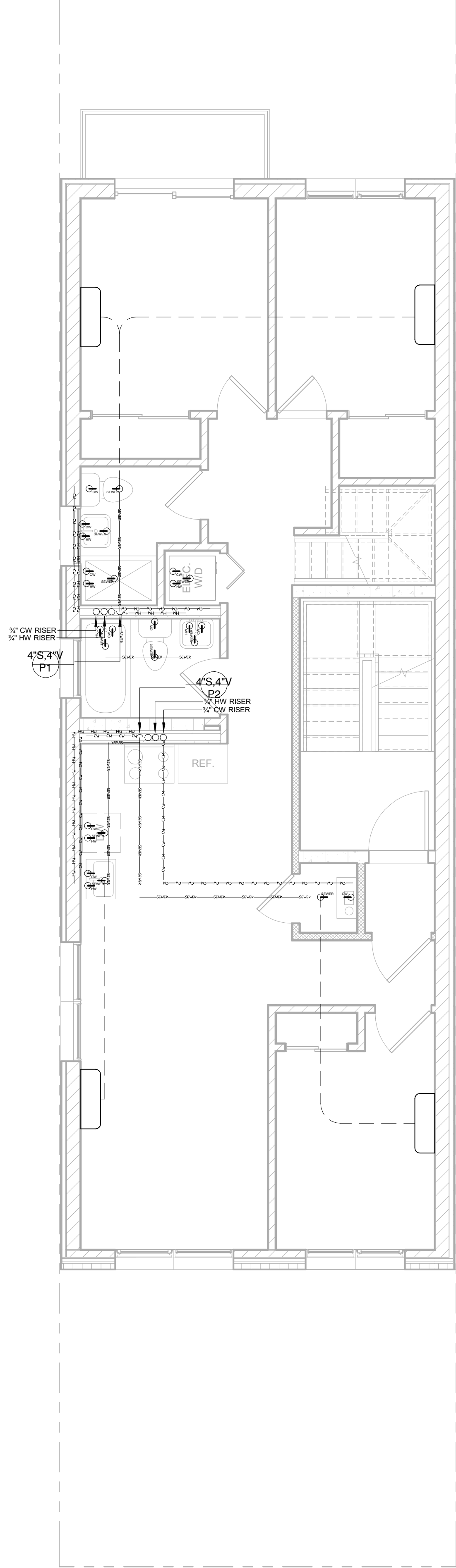
DRAWING NAME:
3RD, 4TH FLOOR & PENTHOUSE
PLUMBING PLAN



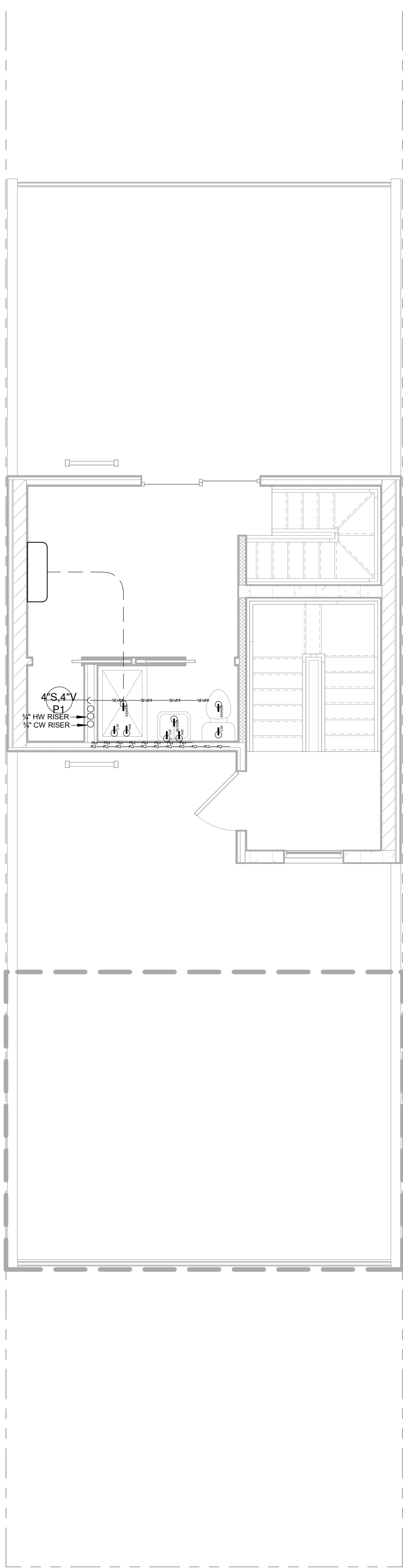
Date: 10/30/2019
Project number: 11212
Drawn by: Author
Checked by: Checker
Dwg No: PL-707.00
Page Number:



① 3RD FLOOR PLUMBING PLAN
1/4" = 1'-0"



② 4TH FLOOR PLUMBING PLAN
1/4" = 1'-0"



③ PENTHOUSE PLUMBING PLAN
1/4" = 1'-0"