

GENERAL SUPPLY NOTES

- ALL FROST PROOF HOSE BIBBS & WATER SUPPLY FAUCETS EQUIPPED W/ A HOSE BIBB CONNECTION & SHALL HAVE AN INTEGRAL ANTI-BACKFLOW ANTI-SIPHON DEVICE.
- INSTALL SHUTOFF VALVES AT ALL FIXTURES.
- INSULATE ALL WASTE AND SUPPLY PIPING BELOW LAVATORIES PER FEDERAL, STATE & I.B.C. A.D.A. REQUIREMENTS.
- HANDICAP TOILETS W/ FLUSH CONTROLS TO BE MOUNTED ON WIDE SIDE OF TANK MAX. 44" A.F.F.
- ALL DOMESTIC WATER SUPPLY LINES TO BE TYPE "K" OR "L" COPPER, TYPE "M" IS NOT ALLOWED.
- PROVIDE ISOLATION VALVES ON SUPPLY PIPING.
- ALL BRANCH SUPPLY VALVES LOCATED IN EACH TENANT SPACE SHALL BE EQUIPPED W/ PADLOCK DEVICE.
- PLUMBING CONTRACTOR SHALL VERIFY REQUIRED SUB-METERS SIZES AS REQUIRED BY LOCAL ORDINANCE.

SCHEMATIC SUPPLY DIAGRAM

SCALE: NONE

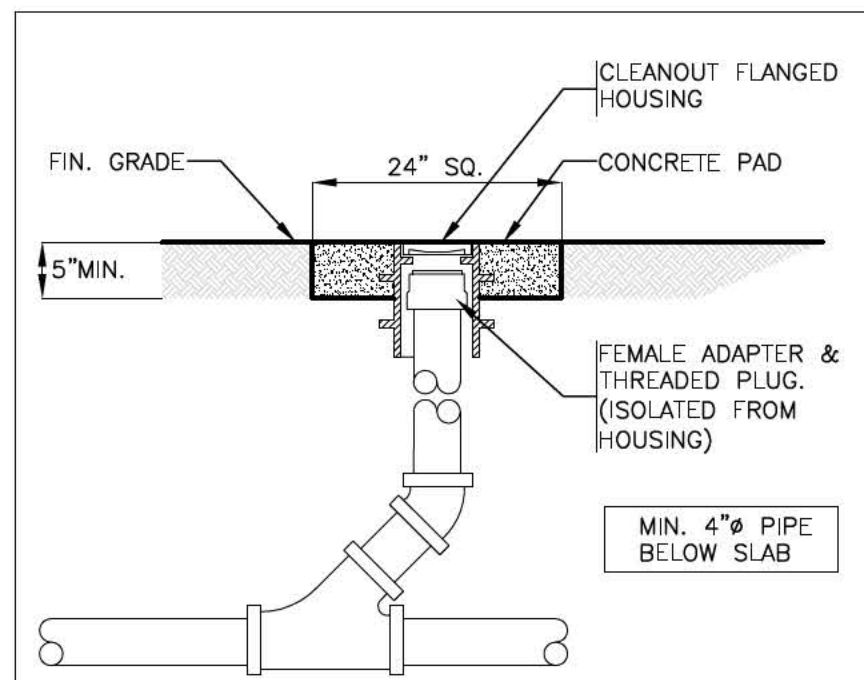
NOTE:
MINIMUM UNDERGRND. WASTE LINE TO BE 4"Ø. CLEANOUT SIZE TO MATCH WASTE PIPE SIZE UP TO AND INCLUDING 6"Ø.

GENERAL WASTE/VENT NOTES

- ALL UNDERGROUND WASTE PIPING TO BE 4" MIN. CAST IRON OR SCHED. 40 SOLID WALL PVC AS LOCAL CODE ALLOWS & ALL INTERIOR ABOVE-GROUND WASTE & VENT PIPING SHALL BE SCHED. 40 SOLID WALL PVC. CELLULAR CORE PVC IS NOT ALLOWED. ALL CLEANOUTS SHALL BE SAME SIZE AS PIPE SERVED.
- ALL P-TRAPS TO BE THE SAME SIZE AS THE FIXTURE OPENING.
- ALL UNDERGROUND SANITARY & STORM PIPING SHALL BE CAST IRON. DOUBLE GOMBO WYE 1/8 BENDS SHALL BE LIMITED WHERE AND HOW TO BE INSTALLED. CONSULT PLUMBING INSPECTOR BEFORE STARTING WORK.

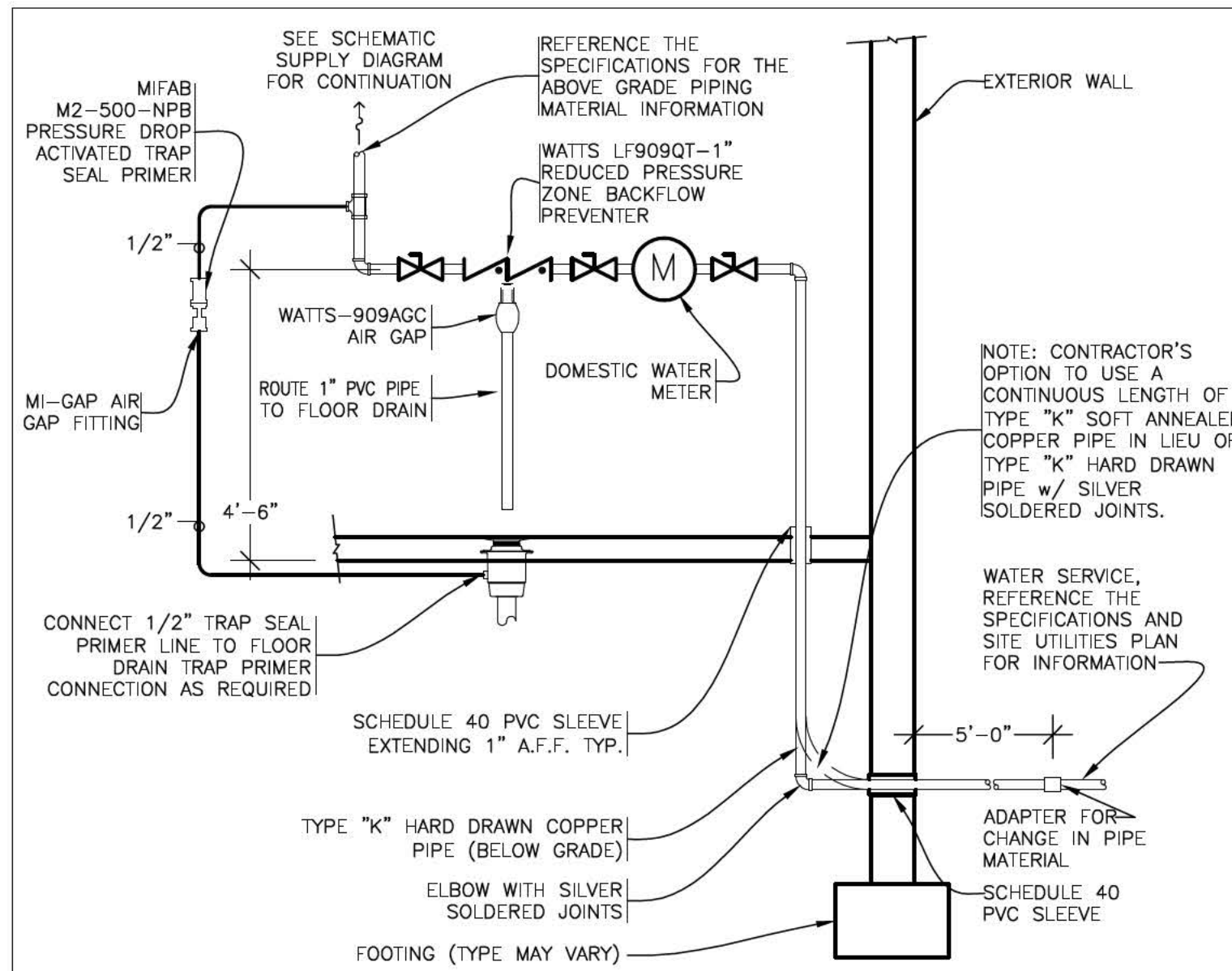
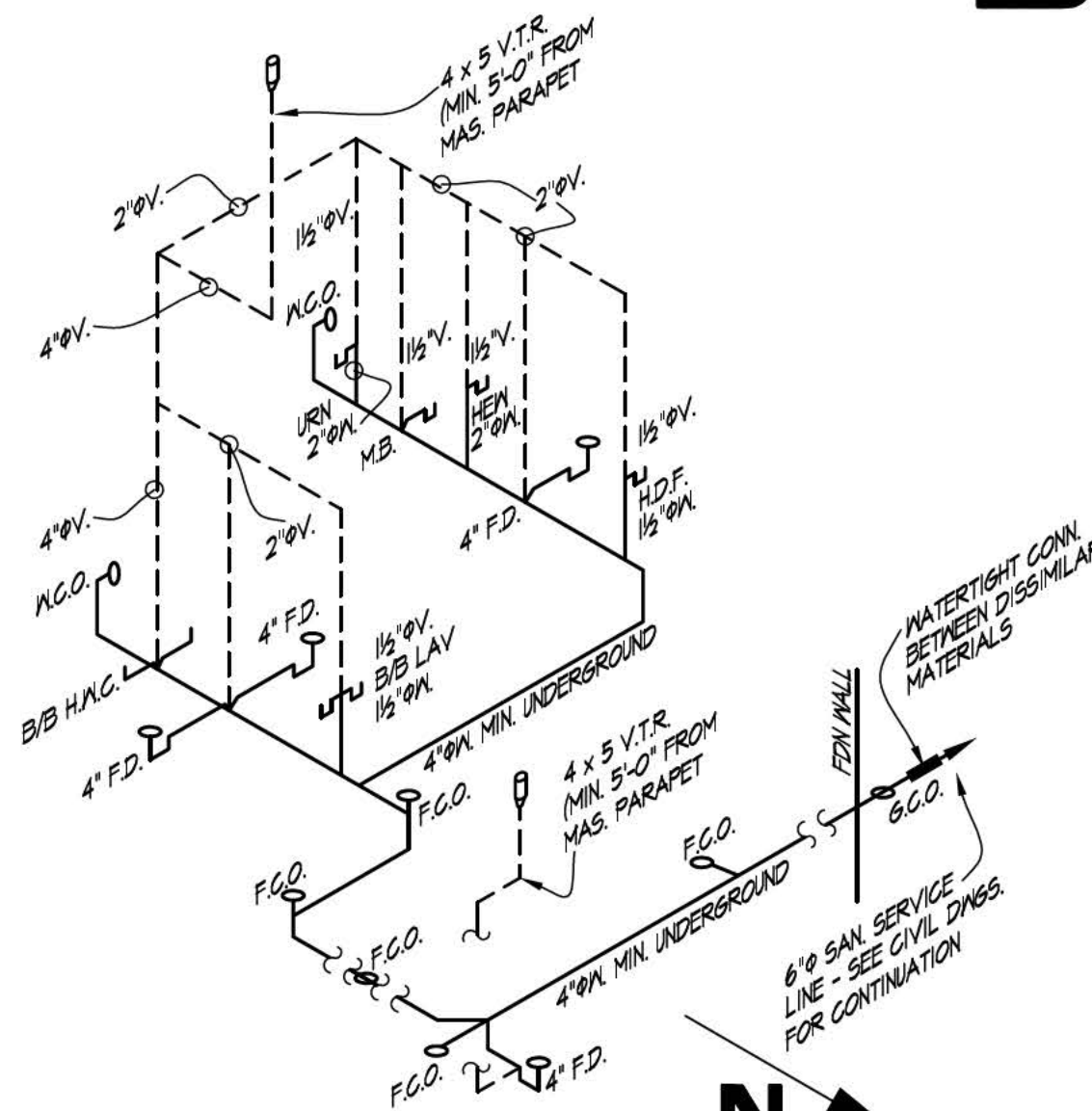
SCHEMATIC WASTE/VENT DIAGRAM

SCALE: NONE



TYPICAL EXTERIOR
CLEANOUT DETAIL

NTS



WATER SERVICE DETAIL

N.T.S.

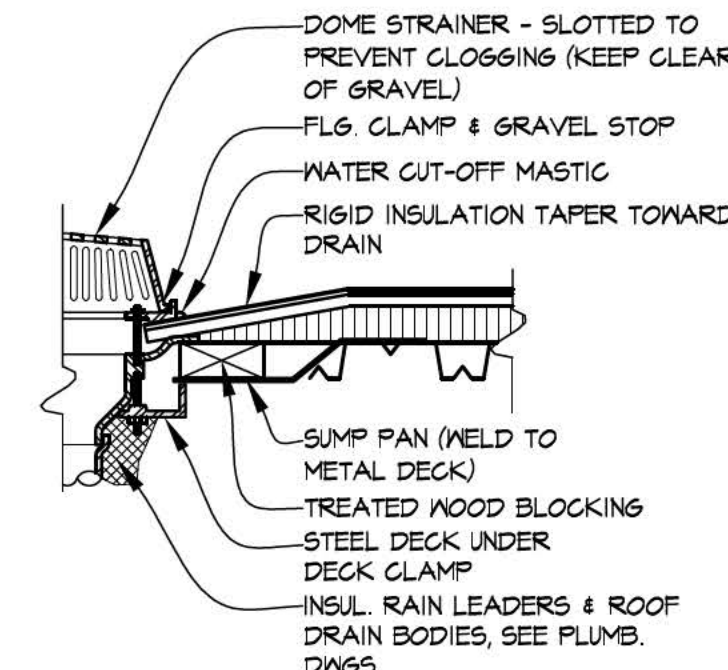
PIPING INSULATION NOTES

SCOPE:

FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING B.I.D. PROVIDE PIPING INSULATION ON NEW PIPING AS REQUIRED BY CONSTRUCTION DOCUMENTS INCLUDING: INTERIOR ROOF DRAIN BODY, INTERIOR HORIZONTAL AND VERTICAL ROOF DRAIN PIPING, CONDENSATE LINES/DRAINS, EXPOSED DOMESTIC COLD WATER, DOMESTIC COLD WATER AGAINST AN EXTERIOR WALL, DOMESTIC HOT WATER HEATER (FIRST 8' FROM WATER HEATER ONLY), AND HVAC PIPING.

SPECIFICATIONS:

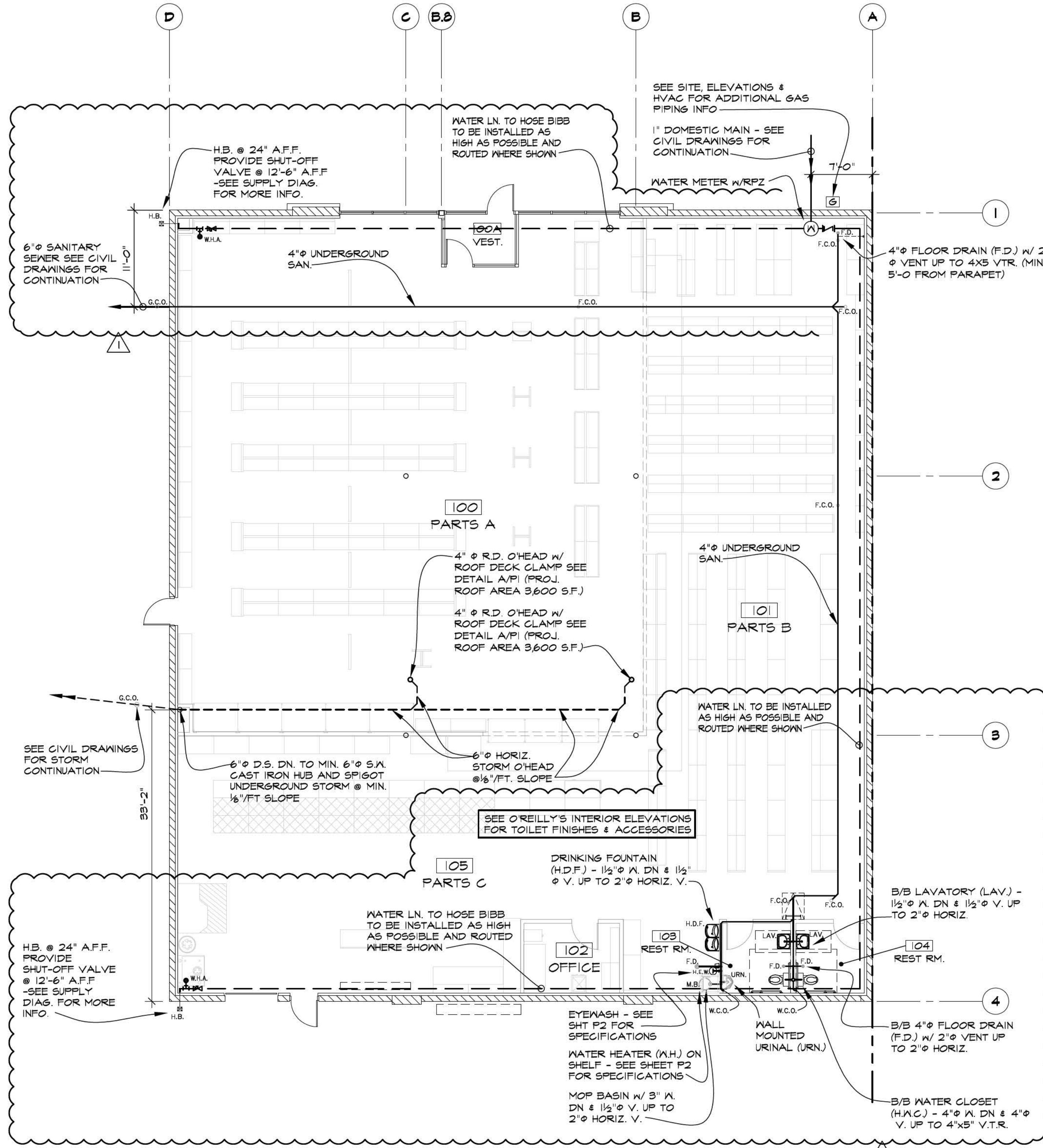
- PIPING (ABOVE FINISHED FLOOR) SHALL BE COVERED WITH ARMACELL AP/ARMAFLEX PIPE INSULATION 1/2" THICK IN ACCORDANCE WITH ASTM C-534, GRADE I, TYPE I FOR TUBULAR MATERIALS AND GRADE I, TYPE II FOR SHEET MATERIAL.
- ALL JOINTS SHALL BE SEALED WITH APPROVED MANUFACTURER'S ADHESIVE.
- ACCEPTABLE ALTERNATE MANUFACTURER: KOOLPHEN K CFC FREE PHENOLIC FOAM, OR AEROGEL (BY AEROFLEX INTERNATIONAL CO.) CLOSED CELL ELASTOMERIC THERMAL INSULATION.
- FIBERGLASS PIPE INSULATION, RIGID (NOT WRAP TYPE), ONE INCH THICK WITH BUILT-IN VAPOR BARRIER MAY BE USED IN LIEU OF ARMACELL PRODUCT SPECIFIED ON INTERIOR STORM LINES, INTERIOR DOMESTIC WATER LINES, INTERIOR CONDENSATE DRAIN PIPING FROM HVAC UNITS AND INTERIOR WATER WASTE PUMP DISCHARGE LINES. ACCEPTABLE MANUFACTURERS ARE ARMSTRONG, CERTAINTED, JOHNS-MANSVILLE, KNAUF, AND OWENS-CORNING.
- FLAME SPREAD SHALL BE 25 OR LESS. SMOKE DEVELOPED SHALL BE 50 OR LESS.
- INSTALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.



ROOF DRAIN

SCALE: 1/2"=1'-0"

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PLUMBING PLAN

SCALE: 1/8"=1'-0"

1/17/20

REVISIONS

THIS DRAWING	DATE	BY	FOR
FOR CONSTRUCTION	8/24/19		
FOR BIDDING	11/12/19		
FOR PERMIT	11/12/19		
NOT FOR CONSTRUCTION			
NOT FOR CONSTRUCTION			

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FOR: DEPARTMENT PROPERTY GROUP, LLC

SHEET TITLE
PLUMBING PLAN
NOTES
DETAILS

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