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CIVIL ENGINEER:
BENCH MARK ENG.
04 Mary Ann Drive
Randon, MS 39042
PHONE: (601) 591-1077
FAX: (601) 591-0711
EMAIL: mikebes@bellsouth.net

STRUCTURAL ENGINEER:
S. K. INTERNATIONAL, INC.
130 MAIN STREET
HUNTSVILLE, AL 35811
PHONE: (256) 852-3098
FAX: (256) 851-0686
EMAIL: skint97@aol.com

ELECTRICAL:
WILLIAM COUNCIL
TUBERVILLE
1980 TRANSPORT
MEMPHIS, TN 38116
PHONE: (901) 826-8059

MECHANICAL & PLUMBING:
PERSCHER L. POWELL &
ASSOCIATES
6 CEDAR HILL CVE
COMERVILLE TN 38068
PHONE: (662) 890-4220
FAX: (662) 890-4224
MAIL: ROB@RHPWELL.COM

FAX: (662) 890-4224
 MAIL: ROB@RHPOWELL.COM

NAME:	NAME:
ADDRESS:	ADDRESS:

CITY: _____
STATE: _____
PHONE: _____
FAX: _____
EMAIL: _____[illegible]

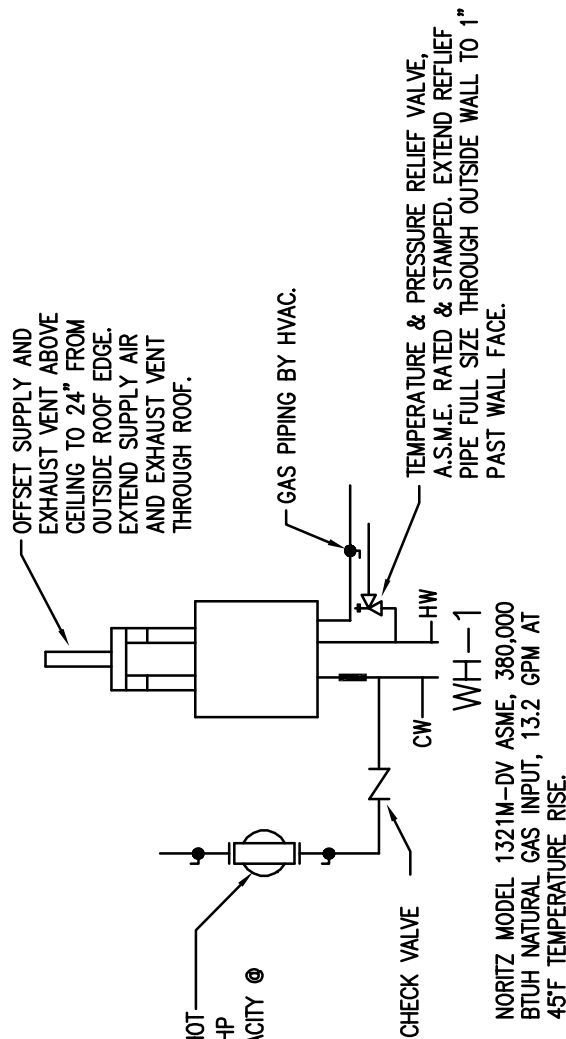
BANK INC	
YOGI YOUTH CENTER	
Greenway Drive	
Jackson, MS 39206	
PLUMBING DETAILS	
Project number	
Date	12-19-2008
Drawn by	RHP
Checked by	HLP
Scale	P103

GENERAL PLUMBING NOTES

1. DRAWINGS ARE DIAGRAMATIC AND SHOW GENERAL PLUMBING LAYOUTS AND PIPE ROUTING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE DETAILED SHOP DRAWINGS AND CONFIRM SPACE ALLOCATIONS.
2. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS OF ALL BUILDING DIMENSIONS, DETAILS, ELEVATIONS AND LOCATIONS OF FIXTURES.
3. PRIOR TO INSTALLATION OF BUILDING DRAIN, PLUMBING CONTRACTOR SHALL VERIFY THE DEPTH OF EXISTING SANITARY SEWER TAP (OR MAIN) AND ENSURE THAT NEW SANITARY SEWER WILL SLOPE AS REQUIRED FROM THE BUILDING DRAIN TO THE EXISTING SEWER TAP.
4. PLUMBING CONTRACTOR SHALL REVIEW ARCHITECTURAL, STRUCTURAL, ELECTRICAL, SPRINKLER, AND MECHANICAL PLANS AND COORDINATE HIS WORK WITH ALL OTHER TRADES. NOTIFY ARCHITECT OF ANY CONFLICTS.
5. PLUMBING CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL WIRING LOCATIONS. ELECTRICAL CONTRACTOR SHALL PROVIDE EQUIPMENT PULL BOXES. PLUMBING CONTRACTOR SHALL BE U.L. LISTED AND NEMA RATED FOR THE APPLICATION IN WHICH IT IS INSTALLED.
6. PLUMBING CONTRACTOR SHALL FURNISH ALL ACCESS PANELS (TO BE INSTALLED BY GENERAL CONTRACTOR) REQUIRED FOR PLUMBING INSTALLATIONS.
7. FURNISH THE OWNER ONE SET OF REPRODUCIBLE "AS-BUILT" DRAWINGS AND TWO SETS OF OPERATION AND MAINTENANCE MANUALS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. PLUMBING CONTRACTOR SHALL INCLUDE IN HIS BID ALL APPLICABLE SERVICE CHARGES, FEES, PERMITS, TAXES, AND OTHER COSTS IN CONNECTION WITH INSTALLING THE PLUMBING SYSTEM.
9. PLUMBING CONTRACTOR SHALL COMPLY WITH ALL CITY, COUNTY, STATE AND FEDERAL LAWS, ORDINANCES, APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. IN ADDITION, THE FOLLOWING SPECIFICATIONS WILL SUPERSEDE THE CODE:
10. ALL DRAINS, WASTES, AND VENTS (DWV) SHALL BE SCHEDULE 40 PVC BELOW GRADE, NO-HUB CAST IRON ABOVE GRADE. IN THE EVENT OF A LEAK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND THE OUTER EDGES BEVELED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
11. WATER PIPING BELOW SLAB SHALL BE TYPE "C" SOFT COPPER TUBING, COVER WITH A MINIMUM OF 6" OF SAND OR BACKFILL. ABOVE SLAB PIPING SHALL BE TYPE "K" HARD COPPER. COPPER REQUIRED SHALL BE MADE WITH APPROVED WROUGHT COPPER FITTINGS AND BRAZED WITH A FILLER MATERIAL CONFORMING TO AWS A5.8. (PREFERABLY 15% SILVER SOLDER)
12. WATER PIPING ABOVE GRADE SHALL BE TYPE "L" HARD COPPER TUBING. JOINTS SHALL BE MADE WITH APPROVED FITTINGS AND WELDED. COPPER SHALL BE TYPE "K" HARD COPPER. COPPER ENDS SHALL BE CUT SQUARE, DEBURRED, AND REAMED TO THE FULL INSIDE DIAMETER.
13. ALL HOT WATER MAINS AND RECIRCULATING LINES SHALL BE INSULATED WITH 1" THICK FIBERGLASS INSULATION.
14. WATER PIPING AND DRAINAGE TRAPS IN EXTERIOR WALLS (OR CEILINGS) SHALL BE LOCATED WITHIN THE HEATED ENVELOPE OF THE BUILDING. INSULATE WATER PIPING IN EXTERIOR WALLS WITH 1/2" THICK ARMAFLEX OR EQUAL TUBING INSULATION.
15. INSULATE ALL CONDENSATE TRAPS AND DRAINS LOCATED IN AREAS WHERE CONDENSATION ON THE EXTERIOR OF PIPING COULD CAUSE INSULATION WITH VAPOR RETARDER.
16. ALL PIPING INSULATION SHALL BE INSTALLED BY A PROFESSIONAL INSULATION CONTRACTOR.
17. DO NOT RUN ANY WATER PIPING ABOVE ELECTRICAL PANELS (COORDINATE WITH ELECTRICAL CONTRACTOR).
18. SLEEVES SHALL BE INSTALLED WHERE PIPING PASSES THROUGH STRUCTURE.
19. ALL PENETRATIONS OF FIRE-RATED PARTITIONS SHALL BE FIREPROOFED BY A U.L. LISTED FIRESTOPPING SYSTEM INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
20. ALL VTR'S SHALL BE LOCATED A MINIMUM OF 10 FT FROM FRESH AIR VENTS AS REQUIRED.
21. COORDINATE FLASHINGS FOR VTR'S WITH ROOFING CONTRACTOR. PAINT EXPOSED VTR ABOVE ROOF TO MATCH ROOF COLOR.
22. ALL PIPING AND VALVES SHALL BE LABELED.

TRENCHING AND BACKFILLING:

1. TRENCHES SHALL HAVE 12" MINIMUM AND 24" MAXIMUM CLEARANCE ON ALL SIDES.
2. TRENCHES FOR BURIED DRAIN PIPING SHALL BE PROPERLY GRADED AT THE REQUIRED SLOPE. TRENCHES SHALL BE PROPERLY BACKFILLED WITH COMPACTED SUBGRADE TO ITS ENTIRE LENGTH WITH UNDISTURBED SOIL WHEN NECESSARY. TRENCHES SHALL BE UNDERCUT TO A DEPTH REQUIRED TO REACH STABLE SOIL AND FILLED TO THE FLOWLINE DEPTH WITH COMPACTED SAND.
3. BACKFILL TRENCHES WITH SAND OR WITH CLEAN, STABLE SOIL FREE OF ROCKS, FOREIGN MATERIALS, AND OTHER OBSTRUCTIONS. TRENCHES SHALL BE BACKFILLED TO AT LEAST 2' ABOVE PIPE. THE REMAINDER OF BACKFILL SHALL BE BROUGHT TO GRADE AND COMPACTED TO THE DENSITY OF SURROUNDING SOIL.



INSTANTANEOUS WATER HEATERS

NO SCALE
NOTE: INSTALL WATER HEATERS, VENTS, RELIEF VALVE AND PIPE, HOT WATER, COLD WATER AND CONTROLLING VALVE PER MANUFACTURERS WRITTEN INSTRUCTIONS.

PLUMBING LEGEND

SANITARY SEWER (WASTE)	SD
STORM DRAIN	CD
OVERFLOW DRAIN	OD
CONDENSATE DRAIN	CD
VENT	----

COLD WATER	----
HOT WATER	----
CONDENSATE DRAIN	CD
FLOOR DRAIN	FD
CLEANOUT TO GRADE	COTG
FLOOR CLEANOUT	FCO
WALL CLEANOUT	WCO
VENT THRU ROOF	VTR
NON-FREEZE WALL HYDRANT	NFWH

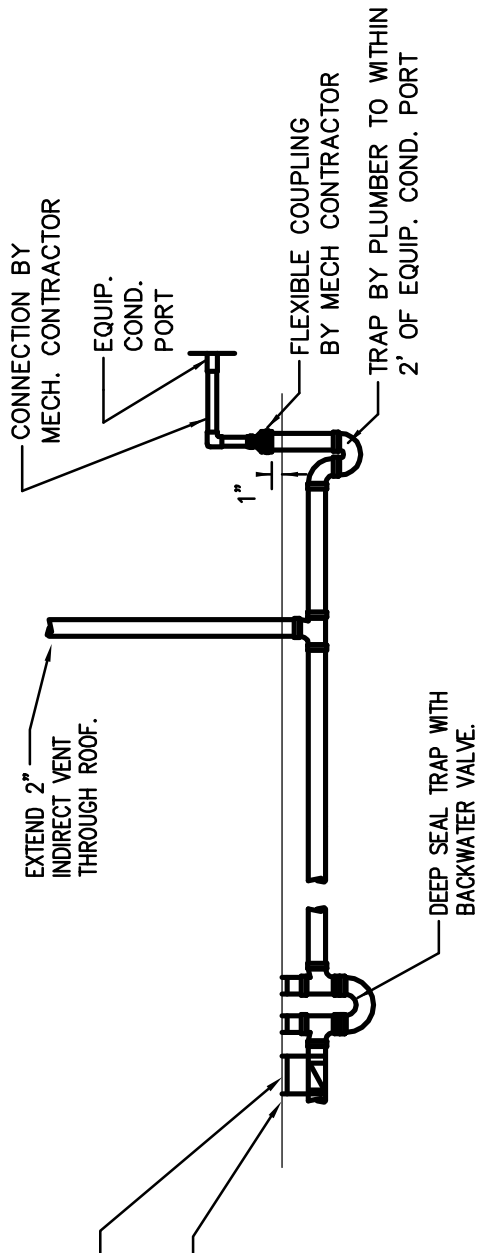
DRAIN, CLEANOUT, AND HYDRANT SCHEDULE

NF#H	FIXTURE	WOODFORD B65 LOOSE KEY NON-FREEZE WALL HYDRANT IN RECESSED WALL BOX.
COTG	FLOOR CLEANOUT	W-6030-Z CAST IRON CLEANOUT WITH LOOSE-SET TRACTOR TOP SET IN 12"x12" CONCRETE PAD
FD	FLOOR DRAIN	WADE W-1103 "3" CAST IRON FLOOR DRAIN WITH SATIN BRONZE STRAINER, AND TRAP PRIMER.
FS	FLOOR SINK	WADE W-9140 4" CAST IRON FLOOR SINK ACID RESISTANT INTERIOR, WITH 12"x6" TIALH GATE, ALUMINUM DOME INTERIOR STRAINER AND TRAP PRIMER.
RD	PRIMARY ROOF DRAIN	WADE W-3000.TY.42.53 CAST IRON WITH UNDERECK CLAMP. CAST IRON DOME OVERFLOW
OD	OVERFLOW ROOF DRAIN	WADE W-3000.TY.42.53 CAST IRON WITH UNDERECK CLAMP. CAST IRON DOME WITH "Z" HIGH DAM.

PLUMBING FIXTURE SCHEDULE

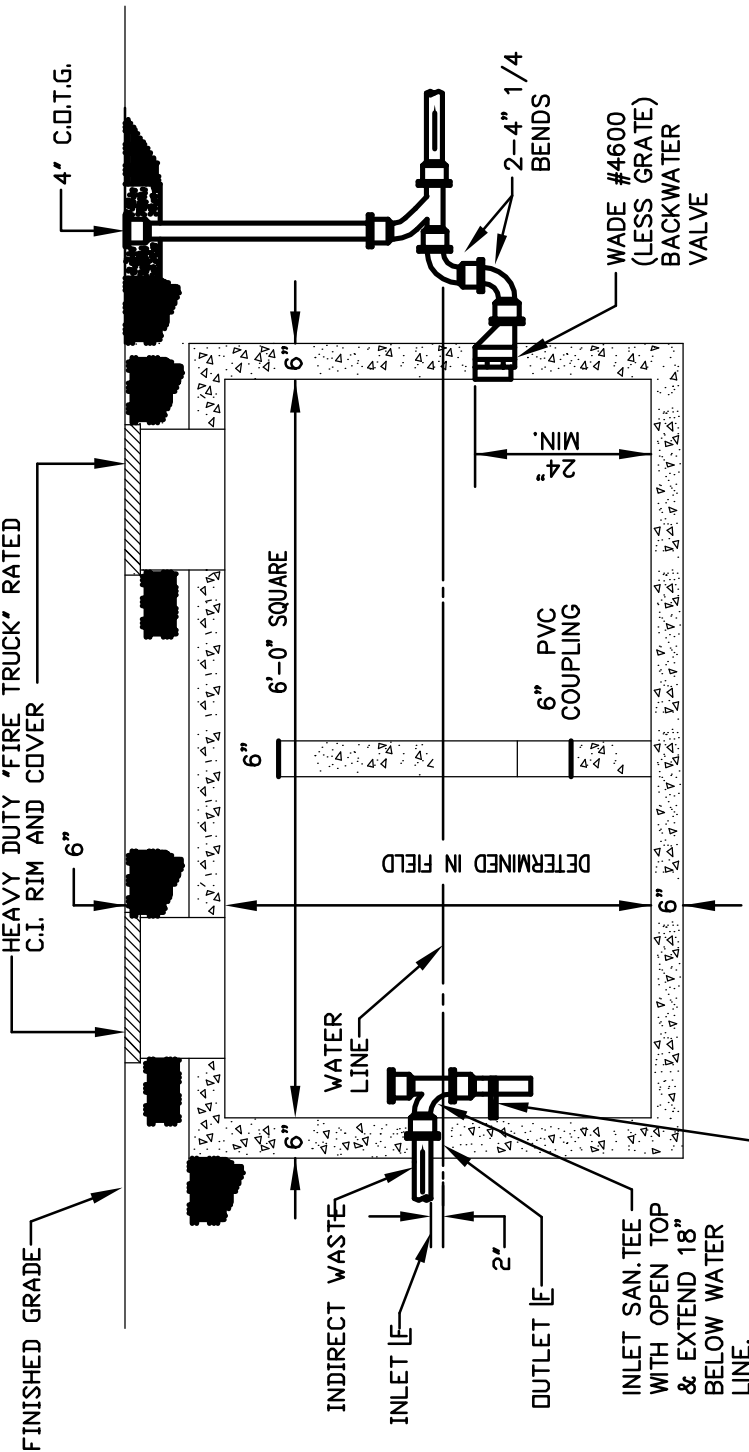
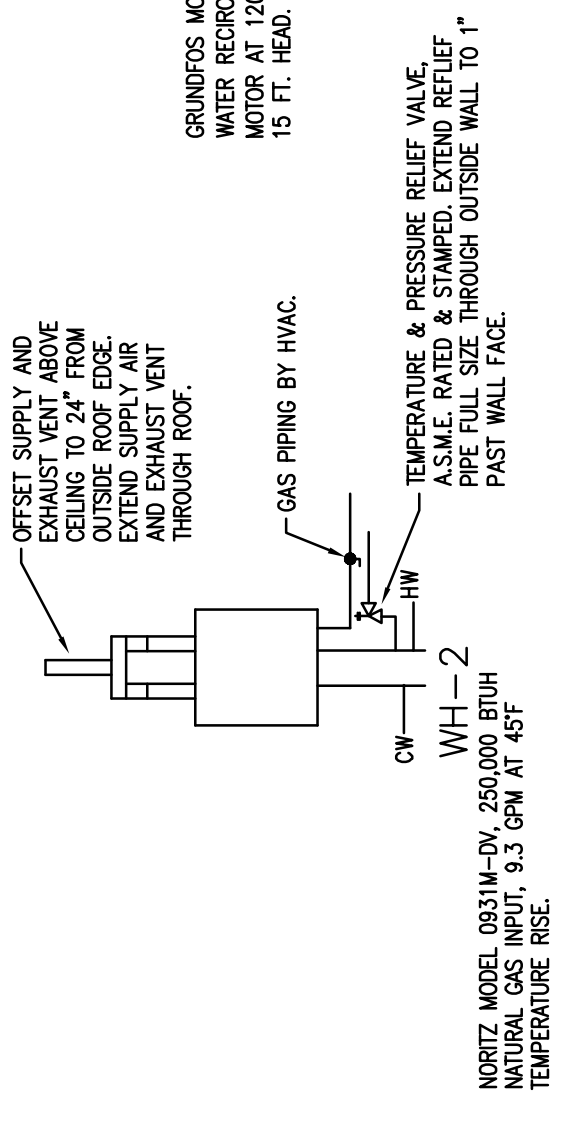
TAG	FIXTURE	SOIL	WASTE	VENT	H.W. C.W.	DESCRIPTION
WC-1	WATER CLOSET	4"	—	2"	1"	TOTO CST704; 14 ELONGATED 1.6 GPF FLOOR MOUNTED WHITE ELONGATED WITH HANK CARPET. CS504 OPEN FRONT ELONGATED SEAT LESS COVER. INSTALL FOR HANDICAPPED.
L-1	LAVATORY, HANDICAPPED	—	2"	2"	1/2"	TOTO LT587 UNDERMOUNT BOWL, HANDICAPPED LAVATORY, DELTA 501 FAUCET.
EDF-1	ELECTRIC DRINKING FOUNTAIN	—	2"	2"	1/2"	HALEY TAYLOR HACFBEL-Q HIGH-LOW, W/ KOHLER K-9000 TRAP, K-7606 SUPPLY AND W-420-D CARRIER, MOUNTING HEIGHT AT 36" ABOVE FINISHED FLOOR PER ADA REQUIREMENTS. COLOR AS SELECTED BY ARCHITECT.
MB-1	SERVICE SINK	—	3"	2"	1/2"	FIAT USB-2424 MOUNTED STONE MOP BASIN, WITH 3 STRAINER, 3" IPS, TAIL PEECE. (2) STAINLESS STEEL WALL GUARDS AND 3" TRAP, KOHLER K-8808 ROUGH PLATED SERVICE SINK FAUCET, THREADED SPOUT, SUPPLY STOPS IN SHANKS, PAL HOOK, WALL BRACE, VACUUM BREAKER AND MOP HANGER.
SH-1	SHOWER	—	2"	2"	1/2"	LASCO 1603-CST WITH LASCO DOOR CLASH GLASS WHITE FRAME WITH GRAB BARS PER ARCHITECTURAL. DELTA 1323 SHOWER ONE HEAD
SH-2	ROLL-IN ADA SHOWER	—	2"	2"	1/2"	LASCO MODEL 1603BPSD ROLL-IN MOLDED FIBERGLASS SHOWER STALL, 60" X 36" X 8" HIGH, 1/2" THICK, 1/2" RAMP, 1/2" CURB, 1/2" BRASS DRAIN W/3.5" STRAINER FOLD-UP SEAT, SYMONS TEMPTROL PRESSURE-BALANCING MIXING VALVE WITH LEVER HANDLE, ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN, WALL MOUNTED HAND HELD SHOWER, 2.5 GPM HEAD, WITH FLEXIBLE METAL HOSE, IN-LINE VACUUM BREAKER, WALL CONNECTION AND FLANGE, 30" SLIDE BAR FOR HAND SHOWER MOUNTING, WHITE SHOWER CURTAIN & HOOKS.

- NOTES**
1. FURNISH ESCUTCHEONS OR FLANGES (TO BE CHROME-PLATED BRASS OR STAINLESS STEEL) ON ALL WALL PENETRATIONS.
 2. FURNISH ALL FIXTURES WITH REQUIRED SUPPLIES, STOPS AND TRAPS, EXPOSED SUPPLIES, STOPS, & TRAPS SHALL BE CHROME-PLATED.
 3. INSTALL ALL FIXTURES IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND PLUMBING CODE.
 4. SUPPLIES AND DRAINS, COLOR WHITE.
 5. SUPPORT FIXTURE SUPPLIES WITH EARED ELLS, HOLD-RITE BRACKETS, OR EQUIVALENT.
 6. BASE BID AS SPECIFIED, GIVE ALTERNATE DEDUCT FOR SUBSTITUTION.



CONDENSATE DRAIN AT DEEP SEAL TRAP DETAIL

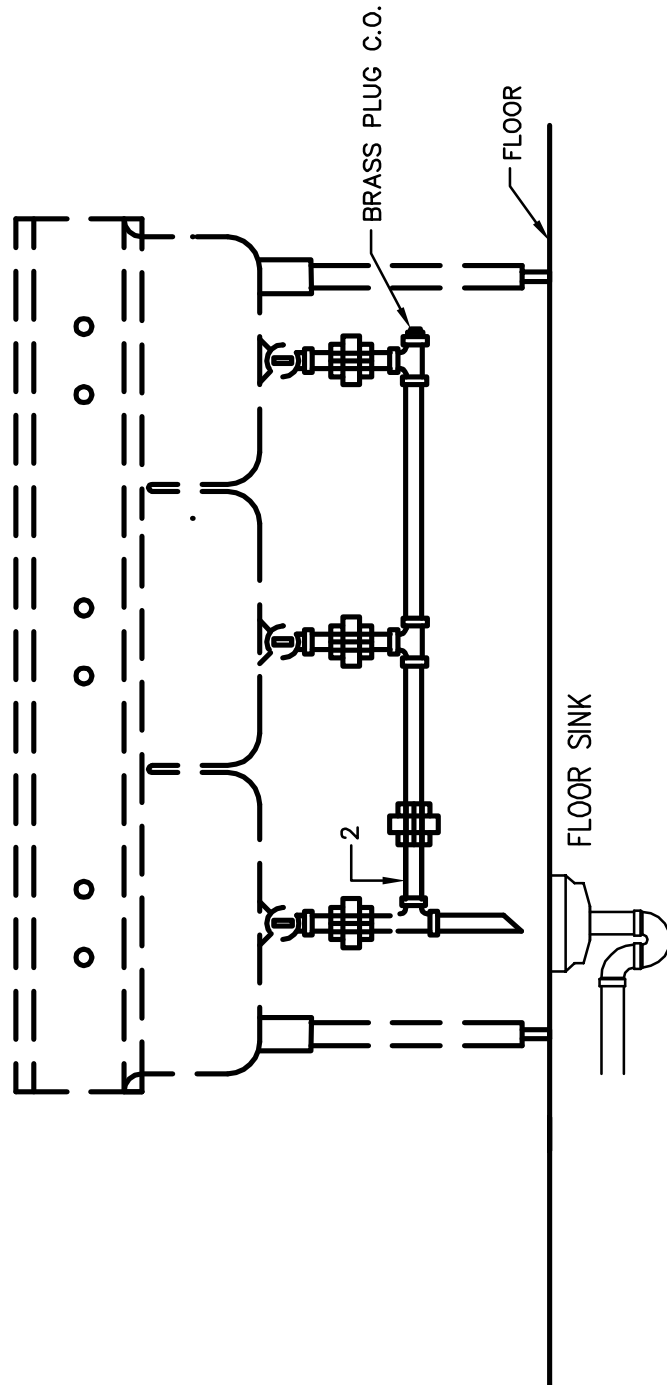
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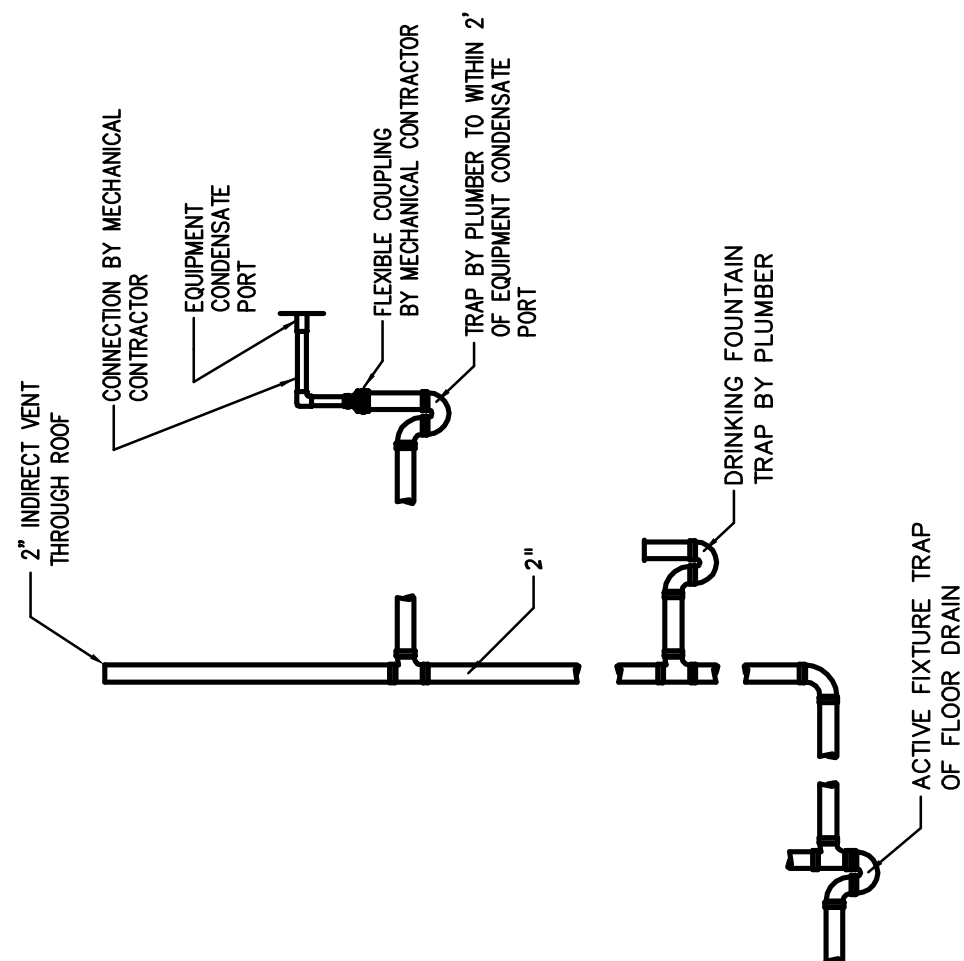
1. BOTTOM AND SIDES SHALL BE A MONOLITHIC POUR.
2. CONCRETE SHALL BE BY DIVISION 3-CONCRETE.
3. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR REBAR AND OTHER DETAILS.

GREASE TRAP DETAIL

END SCALE



TYPICAL SINK CONNECTIONS

THREE COMP. SHOWN, OTHERS SIMILAR
NO SCALE

CONDENSATE DRAIN DETAIL

NO SCALE