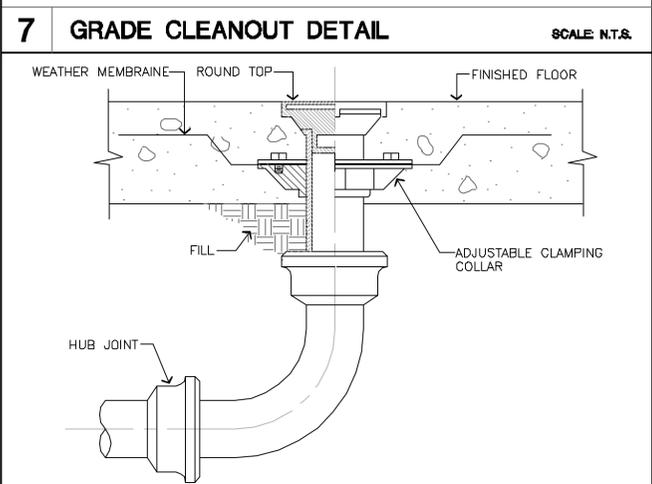
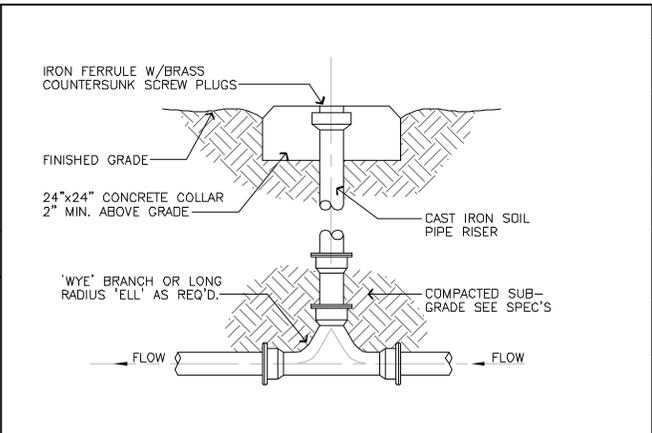


3 PLUMBING SYMBOLS

SAN	SANITARY LINE	⊠	TRAP PRIMER
EXIST. SAN	EXISTING SANITARY LINE	⊠	HOSE BIBB
VENT	VENT LINE	⊥	VENT THRU ROOF
CAS	GAS LINE	VTR	WALL CLEAN OUT
CW	COLD WATER LINE	WCO	FLOOR CLEAN OUT
HW	HOT WATER LINE	FCO	FLOOR CLEAN OUT
⊠	CUT-OFF VALVE	COTG	CLEAN OUT AT GRADE
		WC-1	FIXTURE LABEL REFER TO SCHEDULE

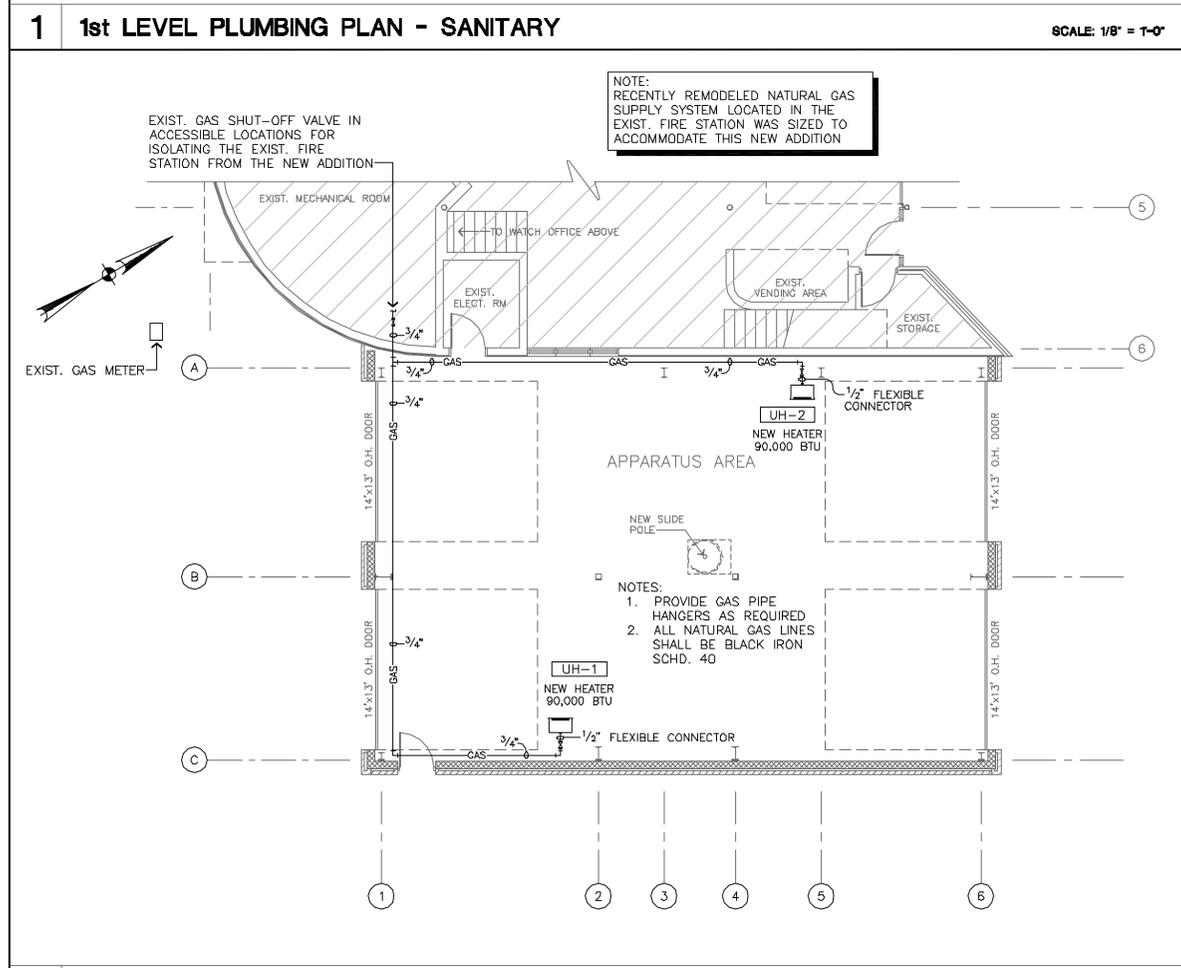
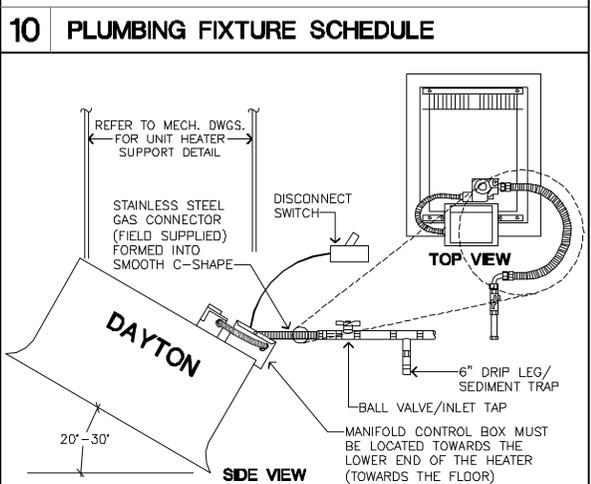
- ### 4 PLUMBING GENERAL NOTES
- MECHANICAL SHOCK ARRESTORS SHALL BE PROVIDED IN SUFFICIENT QUANTITIES TO AVOID WATER HAMMER EFFECTS FROM SYSTEM.
 - ALL FIXTURES TO HAVE CUT-OFF VALVES AT EACH FIXTURE AND EASY ACCESSIBLE UNIONS FOR CONVENIENT REMOVAL.
 - ALL PLUMBING SHALL COMPLY WITH LOCAL, STATE AND FEDERAL CODES AND AUTHORITIES WITH JURISDICTION OVER THE PROJECT.
 - REFER TO SITE PLAN FOR PLUMBING BEYOND BUILDING.
 - ALL INTERIOR ABOVE GROUND WATER LINES TO BE COPPER, TYPE "L", RIGID, WITH SOLDERED COPPER FITTINGS.
 - ALL HOT WATER PIPING UNDER BUILDING SLABS SHALL BE COPPER, TYPE "K".
 - THE CONTRACTOR SHALL STERILIZE ALL DOMESTIC WATER PIPING IN ACCORDANCE WITH AWWA SPECIFICATIONS.
 - PROVIDE DIELECTRIC UNIONS AT CONNECTIONS INVOLVING DIFFERENT TYPE METALS TO PREVENT ELECTROLYSIS.
 - ALL PIPING EXPOSED TO WEATHER AND/OR UNHEATED SPACES SHALL BE INSULATED WITH 1" NEOPRENE PIPE INSULATION.
 - ALL PLUMBING PIPING IN RETURN AIR PLENUM AND ANY PIPING PENETRATIONS THRU FIRE RATED CHASE WALLS SHALL BE SERVICE WEIGHT CAST-IRON WITH NO HUB JOINTS, PVC NOT ACCEPTABLE. PROVIDE PROPER PIPE SUPPORTS CONNECTED TO BUILDING STRUCTURE.
 - INSTALL FIRE PROOFING AROUND ALL PIPE PENETRATIONS THRU FLOOR AND FIRE WALLS.
 - ALL EXPOSED VENTS TO BE PAINTED TO MATCH ROOF COLOR.
 - ALL FUNNEL DRAINS ARE TO BE VENTED TO THE NEAREST PLUMBING FIXTURE UNLESS SHOWN OTHERWISE.
 - ALL EXTERIOR UNDERGROUND WATER LINES TO BE:
 - PVC-C900 FOR 4" & LARGER
 - PVC-SCH.40 FOR 3/4" TO 3"
 - ALL EXPOSED DRAIN PIPES & WATER LINES UNDER LAVS OR SINKS SHALL BE INSULATED.
 - TOP OF GRATING ON ALL FLOOR DRAINS TO BE 3/4" LOWER THAN FINISH FLOOR, ALSO PROVIDE 24" DISH-AROUND. (UNLESS NOTED OTHERWISE)
 - ALL SANITARY SEWER WASTE AND VENT PIPING SHALL BE SCHEDULE 40-PVC WITH DWV FITTINGS. (UNLESS NOTED OTHERWISE)
 - ALL HOT WATER AND HOT WATER RETURN LINES (IF APPLICABLE) SHALL BE INSULATED WITH 1" NEOPRENE PIPE INSULATION.



10 PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	PIPE SIZES			
		CW	HW	SAN	VENT
WC-1	Flush valve type Vitreous China Toilet (Tank Type), Elongated siphone action 17" high bowl. Open Front Seat Less Cover.	1/2"	--	3"	2"or3"
LV-1	Wall-Hung Lavatory, Vitreous China w/Faucet.	1/2"	1/2"	2"	1 1/2"
SH-1	INSTITUTIONAL RECESS SHOWER RECEPTOR Pressure balance mixing valve and slip resistant floor.	1/2"	1/2"	2"	1 1/2"
FD-1	Floor Drain, 6" Dia. Round Top Cast Iron Body & Flushing Collar, Adjustable Strainer Head w/Sediment Bucket & Trap Guard	--	--	3"or4"	2"or3"
FCO	Floor Cleanout with Access Cover	--	--	2"or3"	--

NOTE: ALL MANUFACTURERS SELECTED BY OWNER



- ### 5 SANITARY PLUMBING KEYED NOTES
- REFER TO SITE PLAN FOR CONTINUATION OF SANITARY PIPING.
 - PROVIDE FLOOR CLEAN OUT AS PER DETAIL.
 - CONNECT 3" SANITARY AND 2" VENT LINE TO FLOOR DRAIN, SERVICE SINK OR WATER CLOSET. RE: PLUMBING FIXTURE SCHEDULE.
 - PROVIDE 3" VENT LINE THRU THE ROOF UNLESS NOTED OTHERWISE.
 - CONNECT 3" SANITARY AND 3" VENT LINE TO WATER CLOSET. RE: PLUMBING FIXTURE SCHEDULE.
 - CONNECT 2" SANITARY AND 1 1/2" VENT LINE TO SHOWER OR LAVATORY/SINK. RE: PLUMBING FIXTURE SCHEDULE.

