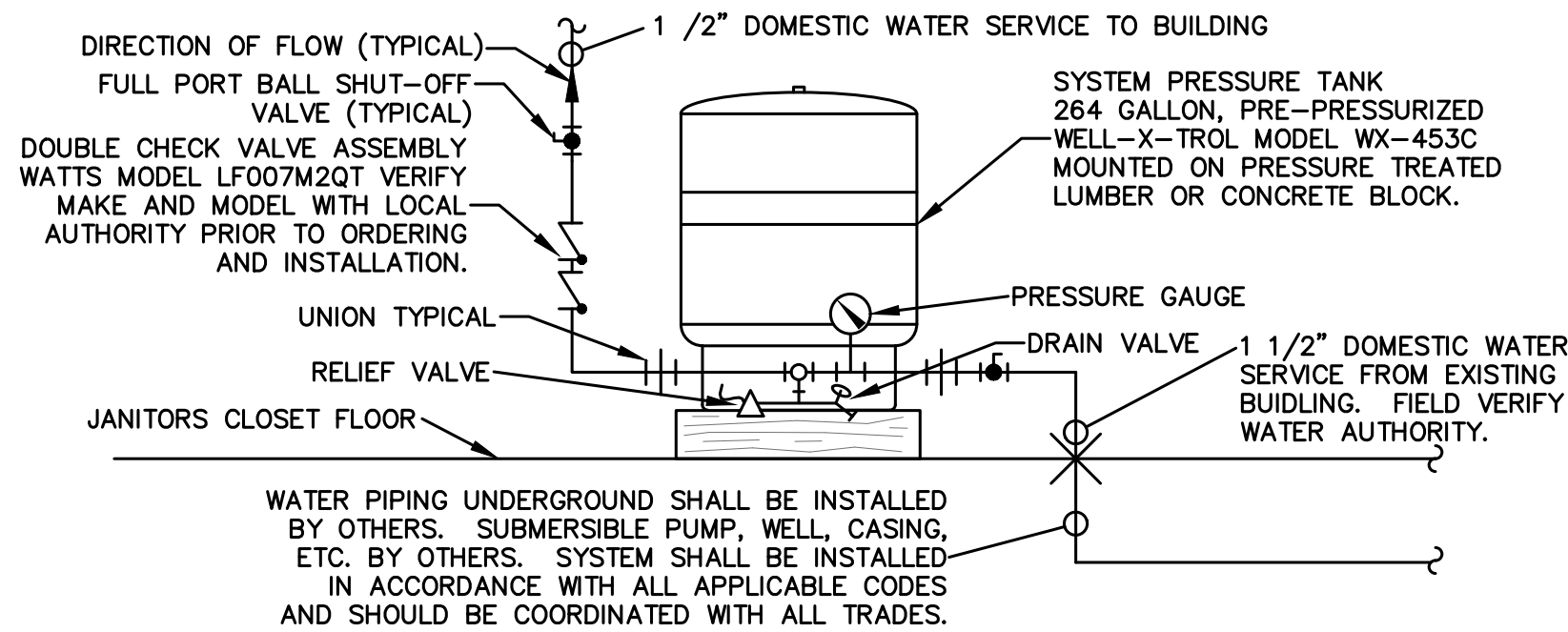
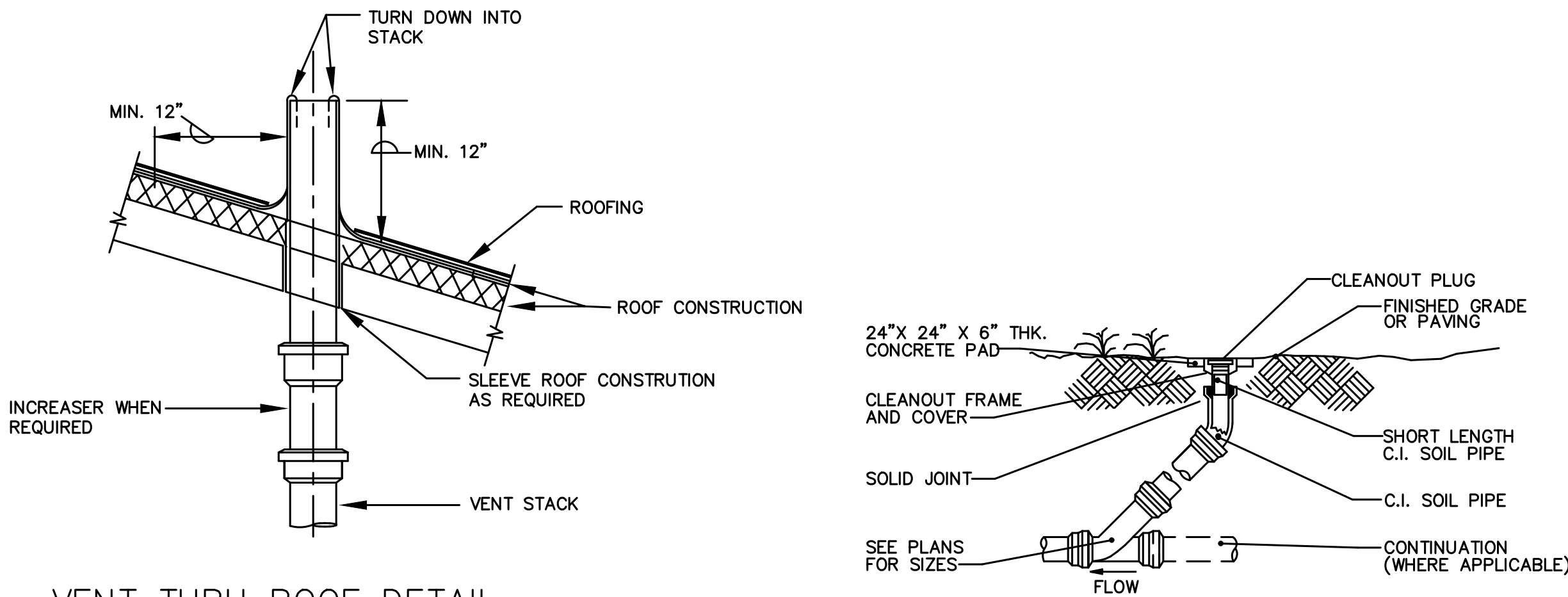


SAFEWASTE DRAIN DETAIL (TYP)
NOT TO SCALE



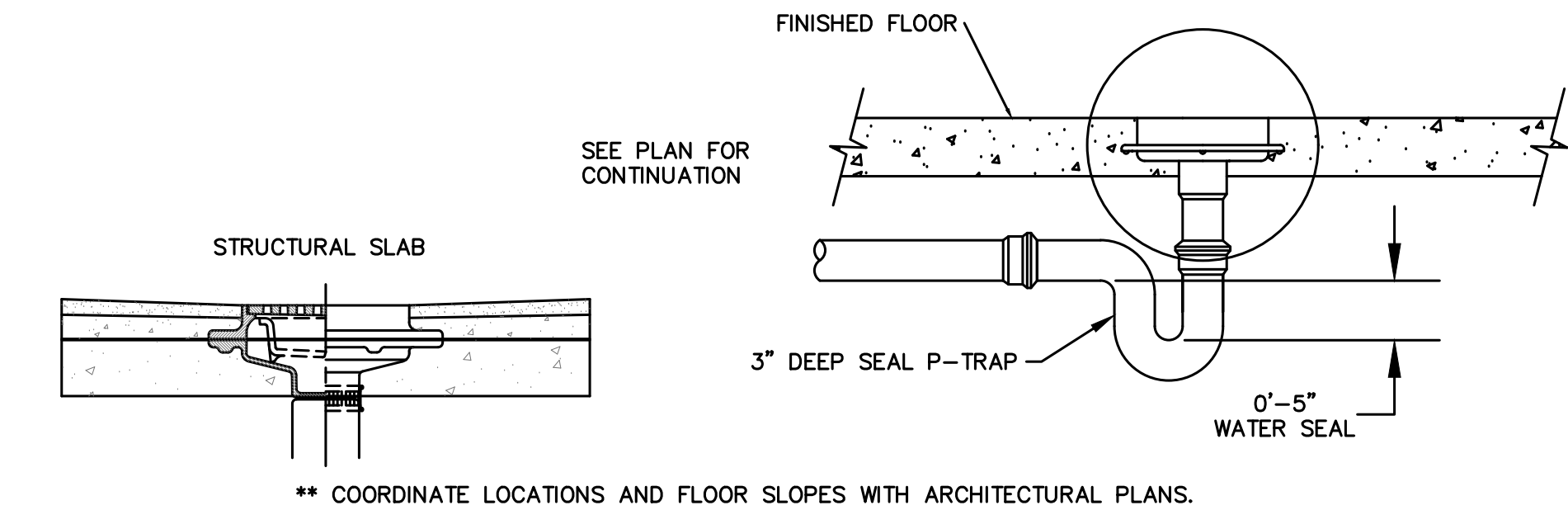
1. COORDINATE WATER SERVICE ENTRANCE WITH SITE CONTRACTOR.
2. PROVIDE DOUBLE CHECK BACK FLOW PREVENTOR ASSEMBLY WITH FULL PORT BALL SHUT-OFF VALVES BOTH SIDES, PRESSURE SWITCH, RELIEF VALVE, UNIONS, SHUT-OFF VALVES, VALVE DRAIN, PRESSURE GAUGE, TANK TEE, CHECK VALVE & PIPING INSTALLATION WITH REQUIRED ACCESS TO VALVES, ETC.
3. THIS CONTRACTOR SHALL PROVIDE ALL SUPPORTS, DEVICES AND NECESSARY EQUIPMENT ASSOCIATED WITH DOMESTIC WATER SERVICE.
4. THIS CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES AND SHALL MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. ANY CHANGES SHOULD BE COORDINATED WITH THE OWNER AND SHALL NOT RESULT IN ADDITIONAL COST TO THE OWNER.

TYPICAL WATER SERVICE PRESSURE DETAIL
NO SCALE



VENT THRU ROOF DETAIL

EXTERIOR CLEAN-OUT-TYPICAL
NO SCALE



TYPICAL FLOOR DRAIN DETAIL
NO SCALE

SYMBOLS

	BALL VALVE
	SHOCK ABSORBER
	UNION
	CHECK VALVE
	EXISTING SANITARY LATERAL
	SANITARY SEWER PIPING
	SANITARY SEWER PIPING BELOW FLOOR
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RE-CIRCULATION PIPING
	GAS PIPING
	CONDENSATE DRAIN PIPING
	SEWER CLEANOUT

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	GPM	GALLONS PER MINUTE
APPROX	APPROXIMATELY	HC	HEATING CONTRACTOR
ATO	AUTO TEMP CONTROL	HVAC	HEATING VENTILATING AIR CONDITIONING
BTU	BRITISH THERMAL UNITS	HP	HORSE POWER
BTUH	BRITISH THERMAL UNITS PER HOUR	HW	HOT WATER
CAP	CAPACITY	MAX	MAXIMUM
CFM	CUBIC FEET PER MINUTE	MFG	MANUFACTURER
CO	CLEANOUT	MIN	MINIMUM
CW	COLD WATER	MTD	MOUNTED OR MOUNTING
DEG	DEGREE	PC	PLUMBING CONTRACTOR
DIA	DIAMETER	PL	PLUMBING LOAD AMPS
DWG	DRAWING	SS	STAINLESS STEEL
EC	ELECTRICAL CONTRACTOR	STD	STANDARD
EXH	EXHAUST	SW	SAFETY WASTE
FLA	FAHRENHEIT	TEMP	TEMPERATURE
GC	FULL LOAD AMPS	TYP	TYPICAL
GENERAL	GENERAL CONTRACTOR	VR	VENT RISER
		W	WATTS

NOTE: THE ABOVE SCHEDULE IS A STANDARD. THE ABBREVIATIONS DO NOT NECESSARILY APPEAR ON THE DRAWINGS FOR THIS PROJECT.

PLUMBING FIXTURE SCHEDULE

FIXTURE NO.	FIXTURE NAME	DESCRIPTION	H.W.	C.W.	WASTE	VENT	GAS	SPECIFICATIONS
P-1	WATER CLOSET	FLOOR MOUNTED	--	1 1/2"	4"	2"	--	KOHLER "HIGHCREST" MODEL K-4302, ELONGATED BOWL, 1.6 GALLON FLUSH. PROVIDE SLOAN WS-1 FLUSH VALVE, SUPPLIES, STOPS, TRAPS AND ESCUTCHEONS. SEAT SHALL BE SPLIT WITH COVER, TROP LEVER FINISH SHALL BE SPECIFIED BY ARCHITECT.
P-2	WATER CLOSET	FLOOR MOUNTED	--	1 1/2"	4"	2"	--	KOHLER "HIGHCREST" MODEL K-4302 AT ADA HEIGHT, ELONGATED BOWL, 1.6 GALLON FLUSH. PROVIDE SLOAN WS-1 FLUSH VALVE, SUPPLIES, STOPS, TRAPS AND ESCUTCHEONS. SEAT SHALL BE SPLIT W/ COVER, TROP LEVER FINISH SPECIFIED BY ARCHITECT.
P-3	URINAL	URINAL WALL HUNG	--	3/4"	2"	1 1/2"	--	KOHLER "DEXTER" MODEL K-5016-ET, ELONGATED BOWL, 1.6 GALLON FLUSH. PROVIDE SLOAN WS-1 FLUSH VALVE, SUPPLIES, STOPS, TRAPS AND ESCUTCHEONS.
P-4	LAVATORY	WALL HUNG	1/2"	1/2"	2"	1 1/2"	--	KOHLER "MORNINGSIDE" MODEL K-12636-L W/ "TRITON" FAUCET MODEL K-7401-K, LEVER HANDLES AND GRID DRAIN. PROVIDE SUPPLIES, STOPS, TRAP, ESCUTCHEONS & CONCEALED ARM CARRIER. PROVIDE PIPE COVERS BY TRUEBRO. PROVIDE TEMP. LIMITING DEVICE AS REQ'D.
P-5	LAVATORY	WHEEL CHAIR LAVATORY WALL HUNG	1/2"	1/2"	2"	1 1/2"	--	KOHLER "MORNINGSIDE" MODEL K-12636-L W/ "TRITON" FAUCET MODEL K-7401-K, LEVER HANDLES AND GRID DRAIN. PROVIDE SUPPLIES, STOPS, TRAP, ESCUTCHEONS & CONCEALED ARM CARRIER. PROVIDE PIPE COVERS BY TRUEBRO. PROVIDE TEMP. LIMITING DEVICE AS REQ'D.
P-6	WATER COOLER	WALL HUNG DOUBLE	--	1/2"	2"	1 1/2"	--	SHALL BE HALSEY TAYLOR NO. HACBFSBL-WF-Q SS BARRIER FREE WATER COOLER. PROVIDE SUPPLY, TRAP, WALL CARRIER, ETC. FOR A COMPLETE ADA COMPLIANT INSTALLATION.
P-7	SHOWER	CUSTOM BUILT	1/2"	1/2"	2"	1 1/2"	--	SHOWER BY G.C. HOTEL HANDSHOWER KIT KOHLER MODEL K-8520. PROVIDE WITH VALVE TRIM WITH LEVER HANDLE KOHLER "TRITON" MODEL K-76913-4 WITH RITE-TEMP VALVE WITH STOPS KOHLER MODEL K-304-KS & GRID DRAIN. PROVIDE SUPPLIES, TRAP, ESCUTCHEONS.
P-8	MOP SINK	24X24 MOLDED STONE	1/2"	1/2"	2"	1 1/2"	--	MOP SINK, 24X24 MOLDED STONE AS MANUFACTURED BY FIAT MODEL MSB-2424, WITH WALL GUARD, 832-AA HOSE & BRACKET, 1239 BB - ALUMINUM BUMPER GUARD, 889 CC MOP BRACKET AND 830 AA SERVICE FAUCET.
P-9	FLOOR DRAIN	6" STRAINER	--	--	3	--	--	ZURN MODEL Z-415 WITH TYPE "B" STRAINER, ADJUSTABLE FLOOR CLEANOUT. FULL SIZE OF LATERAL, ARCHITECT TO SPECIFY NICKEL BRONZE OR BRONZE FINISH. PROVIDE WITH 5" DEEP SEAL TRAP.
P-10	CLEANOUT	INTERIOR ADJUSTABLE	--	--	FULL SIZE	--	--	ZURN MODEL Z-1400, ADJUSTABLE FLOOR CLEANOUT. FULL SIZE OF LATERAL, ARCHITECT TO SPECIFY NICKEL BRONZE OR BRONZE FINISH.
P-11	CLEANOUT	EXTERIOR ADJUSTABLE	--	--	FULL SIZE	--	--	ZURN MODEL Z-1400, ADJUSTABLE FLOOR CLEANOUT. FULL SIZE OF LATERAL, ARCHITECT TO SPECIFY NICKEL BRONZE OR BRONZE FINISH. (SEE DETAIL DRAWING P-3).
P-12	BREAK RM	SINGLE BOWL S.S. 25"X22"	1/2"	1/2"	2"	1 1/2"	--	KOHLER "TOCCATA" MODEL K-3346 W/ "CORALIS" FAUCET MODEL K-15253-4, LEVER HANDLES AND GRID DRAIN. PROVIDE SUPPLIES, STOPS, TRAP, ESCUTCHEONS PROVIDE SUPPLIES STOPS AND GRID DRAIN. MUST MEET ADA CLEARANCE REQ'S. PROVIDE PIPE COVERS BY TRUEBRO.
P-13	TRENCH DRAIN	BY OTHERS	--	--	3"	--	--	BY GENERAL CONTRACTOR. SEE ARCHITECTURAL DRAWINGS.
P-14	OPEN SAFE WASTE	PVC	--	--	2"	--	--	SEE DETAIL DRAWING P-3.
P-15	DOMESTIC WATER	PRESSURE TANK	--	--	1 1/2"	--	--	AMTROL FULL ACCEPTANCE BLADDER WELL TANK MODEL WX-453C, ASME RATED, 264 GALLON TANK VOL. 86" HIGH X 36", FACTORY CHARGE 25 PSI, MAX. WORKING PRESSURE 125 PSI.
P-16	WATER HEATER	RENNAI-INSTANTANEOUS	1 1/2"	1 1/2"	--	--	1 1/4"	RENNAI SENSEI MODEL CU1991-P, CONDENSING, DIRECT VENT GAS FIRED, CERTIFIED TO ANSI Z21.10.3, 15MBH-19MBH, 120V-14, WATER TEMP. RANGE 98F. TO 185F., 9.8 GPM WITH A 30F. TEMP. RISE. PROVIDE DI-ELECTRIC UNIONS, PVC INTAKE & FLUE W/CONCENTRIC VENT KIT. SET STAT @ 105° F. (LIQUID PROPANE)
P-17	SILL COCK	3/4" THREADED SPOUT	--	3/4"	--	--	--	WOODFORD 101 ANTI SIPHON WALL FAUCET, ASSE STANDARD 1019-C APPROVED, WITH INTEGRAL CHECK AND ATMOSPHERIC VENT. 3/4" MALE HOSE THREAD NOZZLE, MAX PRESS. 125 PSI.
P-18	SILL COCK	3/4" THREADED SPOUT	3/4"	3/4"	--	--	--	WOODFORD 122/1122 HORIZONTAL OR VERTICAL MOUNT, ANTI SIPHON WALL FAUCET, ASSE STANDARD 1019-C APPROVED, WITH INTEGRAL CHECK AND ATMOSPHERIC VENT. 3/4" MALE HOSE THREAD NOZZLE, MAX PRESS. 125 PSI.
P-19	OIL INTERCEPTOR	1200 GALLON PRECAST CONCRETE	--	--	4"	--	--	MONARCH PRECAST CONCRETE CORP. 1200 GALLON OIL/WATER SEPARATOR TRAFFIC DUTY, WITH 24" MANWAY AND (2) 4" INSPECTION PORTS. PROVIDE WITH 24" HEAVY DUTY CAST IRON FRAME AND COVER.

NOTES:
THESE ACCEPTABLE EQUIVALENT SUBSTITUTIONS ALLOWED (OR APPROVED BY OWNER):
1.AS MANUFACTURED BY WADE FOR ZURN PRODUCTS.
2.AS MANUFACTURED BY AMERICAN STANDARD FOR KOHLER FIXTURES.
3.AS MANUFACTURED BY A.O.SMITH FOR STATE WATER HEATERS. ** ALL COLORS AND FINISHES SELECTED BY ARCHITECT**

INDICATES PLUMBING FIXTURE IS TO BE ADA COMPLIANT.

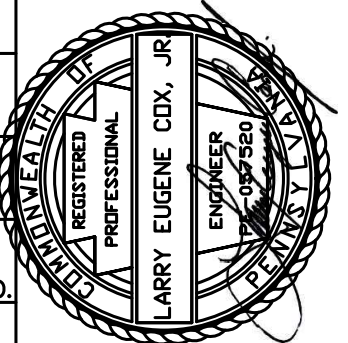
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CIVIL ENGINEERS
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EQUIPMENT BUILDING
CONSTRUCTION DRAWING

FOR
PROPOSED FIRST FLOOR PLAN

CUMBERLAND COUNTY, PA
SOUTHAMPTON TWP.

Drawn By: LEC
Designed By: LEC
Checked By: LEC
File: 2022-SH-009
Date: 08/18/2023
Scale: 3/16"=1'-0"

Drawing No.

P-3