PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	LOCATION	MANUFACTURER	MODEL #	CONNECTION CW	CONNECTION HW	CONNECTION TRAP	CONNECTION WASTE	CONNECTION VENT	CONNECTION GAL.	PLUMBING FIXTURE SPECIFICATION
DBP-1	DOMESTIC WATER BOOSTER PUMP	RECEIVING	TOWLE WHITNEY	TW1000-20W-40	1-1/2"	-	-	-	-	-	FLOOR MOUNT ADJACENT TO THE RPZ BACKFLOW PREVENTER ASSEMBLY WHERE SHOWN. BOOSTER PUMP ASSEMBLY PIPING CONNECTIONS TO THE 1-1/2" DOMESTIC WATER RISER SHALL INCLUDE A 1-1/2" QUARTER TURN BALL VALVE BY-PASS. ASSEMBLY SHALL OPERATE AT 460V/3 PHASE AND SHALL BE A FACTORY ASSEMBLED, WIRED, AND TESTED PACKAGE PRESSURE BOOSTING SYSTEM. THE BOOSTER SYSTEM SHALL BE A FLAG FRAME MOUNTED PACKAGE CONSISTING OF PUMP, ELECTRICAL CONTROL PANEL, VARIABLE FREQUENCY DRIVE WITH TRANSDUCER, A PRE-PIPED 5 GALLON HYDRO-PNEUMATIC STORAGE TANK, PRESSURE GAUGE, RELIEF AND CHECK VALVES, TANK TEE, BRASS NIPPLE AND COPPER FITTINGS. THE SYSTEM SHALL BE SHIPPED WITH ALL COMPONENTS. SOME ASSEMBLY MAY BE REQUIRED. FOLLOW THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER ASSEMBLY. THE SYSTEM SHALL BE UL AND NSF61 LISTED. THE PUMP SHALL BE SIZED FOR 30 GPM WITH A 30 PSI BOOST. ELECTRICAL DESIGN IS BASED ON A SINGLE 3/4 HP PUMP. COORDINATE WITH THE ELECTRICAL CONTRACTOR IF PUMP HORSEPOWER IS DIFFERENT. PUMP PRESSURE TO BE SET AT 60 PSI.
EWC-1	ELECTRIC WATER COOLER	HALL A	OASIS	PG8ACSL-U	1/2"	-	1-1/4"	2"	1-1/2"	-	TWO STATION WALL MOUNT WATER COOLER, ADA, FRONT ONLY EASY TOUCH CONTROL, HIGH UNIT ON LEFT.
ET-1	EXPANSION TANK	RECEIVING	AMTROL	ST-25V	3/4"	--	-	-	-	-	WALL MOUNTED THERMAL EXPANSION TANK. INSTALL PER MANUFACTURER'S INSTRUCTIONS. FOR TWO TANK WATER HEATER SYSTEM.
FD-1	FLOOR DRAIN	RECEIVING, RESTROOMS	ZURN	ZN415B-3NH-P	-	-	3"	3"	1-1/2"	-	CAST IRON BODY WITH 3" NO-HUB BOTTOM OUTLET, COMBINATION CLAMP AND COLLAR WITH SEEPAGE SLOTS, 5" DIA. ADJUSTABLE NICKEL BRONZE STRAINER AND 1/2" TRAP PRIMER CONNECTION. PROVIDE WITH DEEP SEAL P-TRAP.
FD-2	FLOOR DRAIN	RECEIVING	ZURN	Z505-4NH-HP-P-VP	-	-	4"	4"	2"	-	CAST IRON BODY WITH 4" NO-HUB BOTTOM OUTLET, 12" DIA. CAST IRON TOP, SEEPAGE PAN AND COMBINATION MEMBRANE FLASHING CLAMP AND FRAME FOR HEAVY DUTY DEEP FLANGE SLOTTED GRATE, HEEL-PROOF GRATE, 1/2" TRAP PRIMER CONNECTION AND VANDAL-PROOF SECURED TOP. PROVIDE WITH DEEP SEAL P-TRAP.
HB-1	HOSE BIBB	EXTERIOR OF BUILDING	ZURN	Z1321	3/4"	-	-	-	-	-	EXPOSED ECOLOTROL "ANTI-SIPHON" AUTOMATIC DRAINING WALL HYDRANT WITH INTEGRAL BACKFLOW PREVENTER, COPPER CASING, ALL BRONZE INTERIOR PARTS WITH 1/2 TURN CERAMIC DISC CARTRIDGE AND COMBINATION 3/4" FEMALE SOLDER AND 3/4" MALE PIPE THREAD INLET, STAINLESS STEEL FACE WITH OPERATING KEY LOCK. ALL SOLDER CONNECTIONS ARE LEAD FREE.
HT-1	HAIR INTERCEPTOR	BATHING AREA	J.R. SMITH	8790	-	-	-	4"	-	-	HAIR INTERCEPTOR WITH YOKE TYPE COVER, TO BE INSTALLED IN MINIMUM 12X16 VAULT WITH NON-SLIP FLOOR FASTENED COVER.
L-1	LAVATORY	MEN'S/WOMEN'S RESTROOMS	KOHLER	K-2032 GREENWICH	-	-	-	2"	1-1/2"	-	20"x18" WALL MOUNT ADA COMPLIANT VITREOUS CHINA LAVATORY WITH FRONT OVERFLOW AND FAUCET HOLES ON 4" CENTERS. PROVIDE ZURN Z1231-EZ BACK-TO-BACK FLOOR MOUNTED IN-WALL FIXTURE CARRIER TO SUPPORT BOTH L-1 FIXTURES WITH ONE CARRIER.
LF-1	LAVATORY FAUCET	MEN'S/WOMEN'S RESTROOMS	ZURN	Z744-XL SIERRA	1/2"	1/2"					PROVIDE WITH LEAD-FREE BRUSHED NICKEL BRASS CENTERSET SINGLE CONTROL LEVER FAUCET W/ INTEGRAL SPOUT, CERAMIC DISC CARTRIDGE, AND 0.5 GPM VANDAL-RESISTANT SPRAY OUTLET.
LTW-1	LAVATORY TRAP WRAP	MEN'S/WOMEN'S RESTROOMS	TRUEBRO	LAV GUARD KIT #102							
MPS-1	MULTIPURPOSE SINK	HOLDING #1 HOLDING #2 FISH PREP	MUSTEE	15F UTILATUB	-	-	1-1/2"	1-1/2"	1-1/2"	-	SINGLE COMPARTMENT 19 GALLON SINK ONE-PIECE MOLDED CONSTRUCTION. ACCOMODATES DUEL HANDLE FAUCET WITH 4" CENTER, HEAVY GAUGE STEEL LEGS WITH BUILT-IN LEVELERS. SECURE LEGS TO FLOOR.
MPSF-1	MULTIPURPOSE SINK FAUCET	HOLDING #1 HOLDING #2 FISH PREP	ZURN	Z-812M4	1/2"	1/2"					PROVIDE FAUCET WITH INTEGRAL VACUUM BREAKER, 3/4" THREADED OUTLET, PAIL HOOK AND WALL BRACE.
MS-1	MOP SINK	RECEIVING	ZURN	Z1996-24	-	-	-	3"	1-1/2"	-	MOP SERVICE BASIN 24"x24"x12" DEEP, MOLDED HIGH DENSITY COMPOSITE BASIN, PVC DRAIN BODY, STAINLESS STEEL STRAINER AND GASKETED OUTLET CONNECTION. PROVIDE 3 POSITION MOP BASIN HOSE HANGER, 3" WIDE x 26" LONG S.S. MOP HANGER WITH 3 RUBBER TOOL GRIP FITTINGS (ZURN MODEL Z1996-MH).
MSF-1	MOP SINK FAUCET	RECEIVING	ZURN	Z843M1-XL	3/4"	3/4"					PROVIDE FAUCET WITH INTEGRAL VACUUM BREAKER, 3/4" THREADED OUTLET, PAIL HOOK AND ADJUSTABLE WALL BRACE. INSTALL FAUCET AT 40" AFF.
MV-1	MIXING VALVE	RECEIVING	POWERS	HYDROGUARD LFMM434-1	1-1/4"	1-1/4"	-	-	-	-	LEAD FREE THERMOSTATIC MIXING VALVE WITH ROUGH BRONZE BODY, STANDARD TEMPERATURE RANGE, PARRAFIN-BASED THERMAL ACTUATION, DIRT AND LIME RESISTANT POPPETS AND SEATS, VIRTUAL SHUT-OFF ON LOSS OF INCOMING PRESSURE, VANDAL-RESISTANT LOCKING MECHANISM, ROTATABLE UNION TRIPLE DUTY CHECKSTOPS, 1-1/4" INLETS AND 1-1/2" OUTLET. SET DISCHARGE TEMPERATURE AT 110 DEG. F. INSTALL MIXING VALVE PIPING CONNECTIONS TO THE WATER HEATERS PER THE PLANS FOR A TWO TANK WATER HEATER SYSTEM.
RH-1	ROOF HYDRANT	ROOF	WOODFORD	SRH-MS	3/4"	-	-	-	-	-	NON-FREEZE ROOF HYDRANT WITH 3/4" NPT INLET, WELL SEAL, RUBBER BOOT, AND MOUNTING SYSTEM CONSISTING OF: CAST IRON HYDRANT SUPPORT, CAST IRON SHIM, CAST IRON UNDER DECK FLANGE, AND MOUNTING BOLTS, NUTS, AND WASHERS. PROVIDE WITH MODEL 50HF ASSE 1052 DUAL CHECK - AUTO DRAIN BACKFLOW PREVENTER. SEE DETAIL ON SHEET P2.0.
RP-1	RECIRCULATION PUMP	RECEIVING	BELL & GOSSETT	NBF 22U	-	3/4"	-	-	-	-	DOMESTIC HOT WATER RECIRCULATION PUMP WITH BRONZE BODY, SYSTEM LUBRICATED CIRCULATOR, 92 WATTS, 115 V, 1 PHASE, 3000 RPM,AND 4 GPM @ 12 F.O.W.
RPA-1	RECIRCULATION PUMP AQUASTAT	RECEIVING	BELL & GOSSETT	AQS-3/4		3/4"					
RPZ-1	BACKFLOW PREVENTOR	RECEIVING	WATTS	LF009M2QT	1-1/2"	-	-	-	-	-	REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSEMBLY WITH BRONZE BODY CONSTRUCTION, QUARTER-TURN BALL VALVES, AND REPLACEABLE SEATS. MOUNT IN HORIZONTAL POSITION. PROVIDE WITH WATTS MODEL 909AGC AIR GAP FITTING. EXTEND DISCHARGE PIPING FULL SIZE AND WITHOUT TRAP TO DISCHARGE INTO FLOOR DRAIN.
S-1	SINK	SEE LOCATIONS ON DRAWINGS	ELKAY	PSRADQ191955L-3	-	-	1-1/2"	2"	1-1/2"	-	20 GAUGE 19-1/2" x 19" SINGLE COMPARTMENT 304 S.S. SINK WITH 16"x13-1/2" x 5-1/4" DEEP BOWL AND 3 HOLES. PROVIDE LK-35 STRAINER. PROVIDE P-TRAP WITH CLEANOUT PLUG.
SF-1	SINK FAUCET	SEE LOCATIONS ON DRAWINGS	ZURN	Z831C4-XL-2F	1/2"	1/2"					PROVIDE FAUCET WITH SWING SPOUT & 2.2 GPM VANDAL-RESISTANT PRESSURE COMPENSATING FEMALE AERATOR.
SST-1	WALL FAUCET	BATHING AREA	ZURN	Z843L1-90-YJ	3/4"	3/4"	-	-	-	-	POLISHED CHROME 8" WASH DOWN FAUCET W/ VACUUM BREAKER SPOUT, INTEGRAL HOSE THREADED SPOUT, VANDAL RESISTANT COLOR CODED LEVER HANDLES AND SPLIT RING WALL BRACE.
TD-1	TRENCH DRAIN	DRYING AREA / BATHING AREA	ZURN	PERMA-TRENCH Z-886-HPP-GL-(2) E1-U4-DB	-	-	4"	4"	2"	-	6" WIDE PRE-SLOPED TRENCH DRAIN WITH INTEGRAL TOP FRAME, INTERLOCKING ENDS AND RADIUSED BOTTOM, PM886HPP HEEL-PROOF POLYETHYLENE GRATE, 4" NO-HUB BOTTOM OUTLET. LENGTH OF DRAIN PER DIMENSIONS ON A-2.0 SHEET. PROVIDE WITH BOTTOM DOME STRAINER.
TD-2	TRENCH DRAIN	FISH EQUIPMENT	ZURN	PERMA-TRENCH Z-886-(2) E1-U3-SPECIAL	-	-	3"	3"	1-1/2"	-	8606N SECTION 10" W/ REBAR CLIPS @ CENTER WITHOUT GRATE. 6"x10"x8" DEEP. GRATE TO BE FLUSH WITH FIN. FLOOR. NO-LIP.
TG-1	TEMPERATURE GAUGE	RECEIVING	MILJOCO	B259951-2W	-	1/4"	-	-	-	-	TEMPERATURE GAUGE, 2-1/2" DIAMETER DIAL, STEEL CASE, ACRYLIC LENS, WHITE ALUMINUM DIAL WITH BLACK MARKINGS, BRASS MOVEMENT WITH PRECISION-MILLED TEETH, 1/4" NPT BOTTOM OUTLET, +/-3-2-3% ACCURACY, -40 TO 150 DEG. F PROCESS TEMPERATURE. INSTALL ACCESSIBLE ABOVE THE CEILING AT THE DISCHARGE OF THE SELF DOG WASH MIXING VALVE.
TP-1	TRAP PRIMER	SEE LOCATIONS ON DRAWINGS	PPP	P1-500 W/ TAPPED P-TRAP ADAPTER	1/2"	-	-	-	-	-	TRAP PRIMER VALVE WITH INTEGRAL BACKFLOW PREVENTER & VACUUM BREAKER PORT. PROVIDE DISTRIBUTION UNIT AS REQUIRED. ROUTE 1/2" PEX POLYETHYLENE TUBING DOWN IN WALL AND BELOW SLAB TO P-TRAP. PLUG UNUSED DISTRIBUTION UNIT PORTS.
U-1	URINAL	MEN'S RESTROOM	ZURN	Z5755-U	3/4"	-	2"	2"	2"	-	VITREOUS CHINA, WALL HUNG, INTEGRAL TRAP, WASH DOWN URINAL COMPLETE WITH 3/4" TOP SPUD CONNECTION, CONCEALED UNIVERSAL RETROFIT WALL BRACKET, 2" OUTLET CONNECTION AND VANDAL RESISTANT OUTLET STRAINER.
UF-1	URINAL FLUSH VALVE	MEN'S RESTROOM	ZURN	Z6003-WS1-YB	3/4"						PROVIDE WITH URINAL FLUSH VALVE - ZURN MODEL Z-6003-WS1-YB.
WB-1	ICE MAKER OUTLET BOX	ASSOCIATE RESOURCES	SIOUX CHIEF	696 SERIES "OX" BOX	1/2"	-	-	-	-	-	ABS OUTLET BOX WITH FRAME AND BRACKET. PROVIDE BALL VALVE WITH WATER HAMMER ARRESTOR AND 1/4" OUTLET. PROVIDE WATTS SERIES 7 DUAL CHECK VALVE AND BALL VALVE SHUT-OFF IN 1/2" CW SUPPLY LINE.
WC-1	WATER CLOSET	MEN'S/WOMEN'S RESTROOMS	MANSFIELD	148-122 - ADA	1/2"	-	-	4"	2"	-	FLOOR MOUNTED VITREOUS CHINA 1.6 GALLON FLUSH, WITH POLISHED CHROME LEVER HANLE ACTUATOR, SMARTHEIGHT ELONGATED FRONT TWO PIECE, PRESSURE-ASSIST WATER CLOSET, 12" ROUGH-IN, WITH VANDAL RESISTANT KIT. PROVIDE CHURCH OPEN FRONT SEAT. LOW CONSUMPTION FIXTURE.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3H135	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 4.5KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 13.5KW, 480 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 56 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3L135	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 4.5KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 13.5KW, 208 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 56 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3H18	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 6KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 18KW, 480 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 74 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3L18	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 6KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 18KW, 208 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 74 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.

NOTE: G.C. TO PURCHASE ALL PLUMBING FIXTURES BY NATIONAL VENDOR, NO SUBSTITUTIONS.

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	W	DRAIN OR WASTE
	V	VENT PIPING
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
	RWL	RAIN WATER LEADER
	S.O.V.	SHUT-OFF VALVE
	C.V.	CHECK VALVE
	VTR	VENT THRU ROOF
	-	UNION
	HB	HOSE BIBB W/ VACUUM BREAKER
F	F	FIRE SPRINKLER LINE
	FD	FLOOR DRAIN
	FCO	FLOOR CLEANOUT
	GCO	GRADE CLEANOUT
	WCO	WALL CLEANOUT
	C/O	STORM PIPE CLEANOUT
CD	CD	CONDENSATE DRAIN PIPING
R	R	GAS REGULATOR
	BV	CALIBRATED BALANCING VALVE
G	G	GAS PIPING
	-	GAS SHUT-OFF/COCK VALVE (AT RTU)
XXX (E)	XXX (E)	EXISTING PIPING (I.E. CW (E), G (E), W (E) ETC.)
	A.H.J.	AUTHORITY HAVING JURISDICTION
	F.D.C.	FIRE DEPARTMENT CONNECTION
	N.P.T.	NATIONAL PIPE THREAD
	N.S.T.	NATIONAL STANDARD THREADS
	N.T.S.	NOT TO SCALE
XX-X	XX-X	PLUMBING FIXTURE DESIGNATION
XXX X	XXX-X	HVAC EQUIPMENT DESIGNATION (FOR REFERENCE ONLY)
	-	CONN. TO EXISTING PIPING / ELEVATION
X	-	PLUMBING KEYED NOTE

NOTE: NOT ALL PLUMBING SYMBOLS AND ABBREVIATIONS ARE NECESSARILY USED IN THE PROJECT.

NOTE:
CONSTRUCTION TRADES MUST USE THE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

PLUMBING GENERAL NOTES:
(FOR ALL PLUMBING SHEETS)

A. THIS PROJECT WAS DESIGNED UNDER 2018 INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LOCAL AMENDMENTS.

B. PLUMBING CONTRACTOR SHALL FIELD COORDINATE EXACT PIPE ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.

C. UTILITIES NOTES:

C.a CONTRACTOR SHALL VERIFY POINT OF CONNECTION TO SITE UTILITY SERVICE PRIOR TO STARTING ANY NEW WORK.

C.b CONTRACTOR SHALL ADJUST LOCATION AND DEPTH OF SITE SERVICES AS REQUIRED TO PETSMART UTILITY LOCATIONS.

C.c CONTRACTOR SHALL MAKE FINAL CONNECTION TO SITE UTILITY SERVICES UNLESS OTHER PROVISIONS HAVE BEEN MADE.

C.d CONTRACTOR'S FAILURE TO PROPERLY COORDINATE SERVICES SHALL NOT BE JUSTIFICATION FOR ANY EXTRA CHARGES.

D. ALL FLOOR CLEANOUTS AT MAIN SALES FLOOR ARE TO BE LOCATED A MINIMUM OF 4" FROM FACE OF PALLET RACKS BUT NOT BENEATH - SEE FIXTURE PLAN F1.0 FOR COORDINATION WITH RACKING.

E. ALL FIRE AND DOMESTIC WATER PIPING SHALL BE INSTALLED ABOVE THE BOTTOM CHORD OF JOIST THROUGHOUT THE STORE WHERE CEILING DOES NOT EXIST. ALL PLUMBING FIXTURES SHALL HAVE A SHUT OFF VALVE AT ALL SUPPLY BRANCHES. BRANCH SHUT-OFF VALVES SHALL BE INSTALLED NO HIGHER THAN 12 INCHES ABOVE THE CEILING TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. PROVIDE ACCESS PANELS AS NEEDED.

F. COORDINATE WATER LINES WITH ELECTRICAL CONTRACTOR. PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS OR EQUIPMENT OR CLEAR WORKING SPACE.

G. PLUMBING CONTRACTOR SHALL INSTALL ALL NECESSARY WALL AND/OR FLOOR CLEANOUTS TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. INSTALL A CLEANOUT 12" A.F.F. AS SHOWN ON PLAN (SHOWN AT 45° FOR CLARITY ONLY, SHALL BE FLUSH WITH FINISH SURFACE OF WALL). WASTE/ VENT, HOT AND COLD WATER ROUGH-IN TO BE CENTERED UNDER SINK SIDE BY SIDE (EXCEPT WHERE IT IS IMPOSSIBLE PER SITE CONDITIONS AND MENTIONED IN KEYED NOTES) AND @ 12" A.F.F. CHECK WITH ADVANCED FIXTURE INCORPORATED (A.F.I.) BEFORE INSTALLING CLEANOUT, LOWER CLEANOUT IF REQUIRED TO AVOID CONFLICT. NO CLEANOUTS ALLOWED IN ACROVYN WALL PANEL OR CERAMIC TILE.

H. ALL FAUCETS CAPABLE SHALL RECEIVE PLASTIC SLEEVES/INSERT TO ALLOW FAUCET SWIVEL.

I. PRIOR TO SUBMITTING A BID THE PLUMBING CONTRACTOR SHALL VERIFY WITH LOCAL CODE OFFICIALS THAT PEX PIPING IS APPROVED FOR WATER DISTRIBUTION SYSTEMS. IF PEX PIPING IS APPROVED, ALL WATER PIPING 2" AND SMALLER (U.O.N.) SHALL BE PEX POLYETHYLENE TUBING, LARGER WATER PIPING SIZES SHALL BE COPPER. INSTALL PEX TUBING PER MANUFACTURERS INSTRUCTIONS. DO NOT STORE PEX TUBING AND FITTINGS IN DIRECT OR INDIRECT SUNLIGHT.

J. REFER TO SCHEMATIC GAS, WATER AND WASTE PIPING DIAGRAMS ON SHEETS P3.0 FOR ALL PIPE SIZE INFORMATION.

K. PLUMBING CONTRACTOR SHALL FLUSH ALL SANITARY LINES AT THE END OF THE PROJECT TO ENSURE A FREE FLOWING SYSTEM AND VIDEO ALL LINES AND PROVIDE FINAL VIDEO TO PETSMART CM AT TURNOVER.

L. IF THE STATIC WATER PRESSURE IS BELOW 60 PSI, AN ALTERNATE BOOSTER PUMP BID IS REQUIRED. IF THE STATIC WATER PRESSURE IS ABOVE 80 PSI, A PRESSURE REDUCING VALVE IS REQUIRED AND SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DOMESTIC WATER METER AND REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER ASSEMBLIES ON THE INCOMING BUILDING DOMESTIC WATER SERVICE LINE. SEE THE PLUMBING FIXTURE SCHEDULE ON SHEET P0.1 AND DETAIL 3/P2.0 FOR CLARIFICATION.

M. ALL PEX ROUGH-IN STUBS THRU WALL SHALL TRANSITION TO COPPER AT WALL PENETRATION AND CONTINUE TO THE FIXTURE AS COPPER.

N. EXPOSED PIPING AND SHUT-OFF VALVES ON WALLS IN BATHING AREA SHALL BE COPPER AND UN-INSULATED UP TO CEILING.

O. ALL PIPING, FITTINGS AND VALVES FOR WATER HEATERS CONNECTIONS SHALL BE COPPER.

P. ALL FIXTURES SHALL HAVE A BALL VALVE SHUTOFF AT THE FIXTURE CONNECTIONS.

Q. UNDERSLAB HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM PIPELINE SHALL NOT BE ALLOWED, CONTRACTOR SHALL INSTALL WASTE AND VENT PIPING AS REQUIRED PER APPLICABLE CODES. REFER TO DETAIL ON DETAILS SHEET P2.0 FOR MORE INFORMATION.

R. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF VENTS THROUGH ROOF WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATIONS.

S. ALL SINK P-TRAPS TO BE SUPPLIED WITH CLEANOUT PLUG.

T. ALL PIPING IN AREAS WITH NO CEILINGS / OPEN TO DECK, CEILING TYPE C1 AND C6 SHALL BE HUNG NO LOWER THAN 6" BELOW THE ROOF DECK TO THE TOP OF THE PIPING INSULATION.

U. CONSTRUCTION TRADES MUST USE THE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

V. INSULATE HOT AND COLD LINES IN WALL AND CEILING.

DESIGNER NOTE:
DOMESTIC WATER TEMPERATURE SHALL NOT EXCEED 120°F
IF GREATER THAN 120°F PROVIDE WATER METERS WITH:
THREE (3) 4.5KW ELEMENTS,
TOTAL INPUT OF 13.5KW,
208V/3 PHASE, PROVIDE 208 VOLT/3 PHASE MODEL E32-80R-3-3H135

DESIGNER NOTE:
ADA PROVISIONS SPECIFIC BASIS, WHEN THE LOCAL JURISDICTION DOES NOT HAVE SPECIFIC REQUIREMENTS AS REQUIRED TO LOCATE THE ADA PLUMBING FIXTURES AND THE WATER CLOSET.
148-122-ADA-FOR LEFT HAND TRIP LEVER
148-123RS-ADA FOR RIGHT HAND TRIP LEVER

DESIGNER NOTE:
CONVENTION CLOTHES DRYER TEMPERATURE SHALL BE 120°F
THREE (3) 6KW ELEMENTS,
TOTAL INPUT OF 18KW,
208V/3 PHASE, PROVIDE 208 VOLT/3 PHASE MODEL E32-80R-3-3L18

DESIGNER NOTE:
REMOVE WHEN URINALS ARE NOT PROJECTS WITHOUT URINALS.

DESIGNER NOTE:
ONLY USE WHEN LOCAL CODE DOES NOT ALLOW FOR THE ADDITION OF A HAIR TRAP. REMOVE FROM SCHEDULE IF NOT REQUIRED.

DESIGNER NOTE:
REMOVE WHEN WATER PRESSURE IS 60 PSI OR HIGHER PER ENGINEER REPORTS.
DOMESTIC WATER BOOSTER PUMP TO BE REMOVED AND WATER SYSTEM WILL WORK RELIABLY WHEN WATER PRESSURE IS ABOVE THE RPZ BACKFLOW PREVENTER ASSEMBLY SHELF MOUNTED ON THE WALL UNAVAILABLE WHEN FLOOR SPACE IS

DESIGNER NOTE:
GAS PIPING SIZED ON A SPECIFIC BASIS. IF THE STORE DOES NOT INCLUDE A FISH EQUIPMENT PACKAGE, INCLUDE THE FOLLOWING NOTE: PROVIDE STUB-OUT GAS PIPING TO INCORPORATE APPLICABLE FISH EQUIPMENT. REFER TO FIXTURES, EQUIPMENT AND FINISHES SCHEDULE FOR ADDITIONAL INFORMATION AS REQUIRED.

DESIGNER NOTE:
DETAILS MAY NOT APPLY TO ALL PROJECTS. ADD BASIC CONTENT OF THE ORDER NOTES, ADD NEW NOTES TO BOTTOM, AND NOTES THAT DO NOT APPLY TO THE PARTICULAR PROJECT SHALL BE CHANGED TO "NOT USED".

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2025 US INSTRUCTION SET

FEBRUARY 12, 2025

ARCHITECT:

CONSULTANT:

SEAL:

DESIGNER NOTE:
UPDATE CODE REFERENCE ON PER PROJECT BASIS

CITY SEAL:

DESIGNER NOTE:
FOR HEIGHT OF BUILDING EXISTING PIPING ABOVE THE BOTTOM CHORD OF JOIST THROUGHOUT THE STORE.

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO:
16K 2025 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

DRAWN BY: XXX

CHECKED BY: XXX

PAGE #: 34 OF: 47

1"

DISCIPLINE:
PLUMBING

TITLE:
PLUMBING NOTES & SCHEDULE

SHEET NUMBER:
P0.1