Date 07/19/2021 Bid/ Permit

07/31/2021 /1\Revision 1

09/27/2021 2 Revision 2

P2.0

PLUMBING SCHEDULES

PLUMBING SYMBOLS/ABBREVIATION LEGEND SYMBOL DESCRIPTION ABBREVIATION DESCRIPTION —— — — DOMESTIC HOT WATER ACCESS DOOR ABOVE FINISH FLOOR —— – DOMESTIC COLD WATER A.F.F. A.F.G. ABOVE FINISH GRADE SANITARY VENT CONNECT TO EXISTING SANITARY SEWER C.T.E. NATURAL GAS DS DOWNSPOUT -SHUT OFF VALVE EXISTING FLOOR CLEANOUT $-\parallel$ UNION END OF CONTRACT, CONNECT TO EXISTING FD-? | FLOOR DRAIN GAS SHUT OFF VALVE FPC FIRE PROTECTION CONTRACTOR **──(M)**─── | WATER METER GENERAL CONTRACTOR PIPE DROP LAV-? LAVATORY \bigcirc PLUMBING CONTRACTOR PIPE RISE SAN SANITARY PIPE CONNECTION FROM BOTTOM WALL CLEANOUT PIPE CAP WC-? WATER CLOSET ———— | PIPE BREAK NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS MAY APPLY

PLUMBING PIPING SCHEDULE REFER TO SPECIFICATIONS SECTION 15145 ON SHEET MP1.0 FOR MORE INFO. SANITARY SEWER AND VENT PIPING, ABOVE GRADE A. CAST IRON PIPE: HUBLESS, SERVICE WEIGHT.

1. FITTINGS: CAST IRON. 2. JOINTS: NEOPRENE GASKETS AND STAINLESS STEEL CLAMP-AND-SHIELD ASSEMBLIES. WATER PIPING, ABOVE GRADE A. COPPER TUBE: TYPE L (B), DRAWN (H). 1. FITTINGS: CAST COPPER ALLOY OR WROUGHT COPPER AND BRONZE. 2. JOINTS: ALLOY SN95 SOLDER. B. CROSS-LINKED POLYETHYLENE PIPE: ASTM F876 OR ASTM F877. 1. MANUFACTURERS: a. ZURN INDUSTRIES, LLC. b. VIEGA LLC. 2. PPI TR-4 PRESSURE DESIGN BASIS: a. 100 PSIG AT MAXIMUM 180 DEGREES F. 3. FITTINGS: BRASS AND COPPER. 4. JOINTS: MECHANICAL COMPRESSION FITTINGS NATURAL GAS PIPING, ABOVE GRADE B. STEEL PIPE: SCHEDULE 40 BLACK. 1. FITTINGS: MALLEABLE IRON, OR WROUGHT STEEL WELDING TYPE. 2. JOINTS: NFPA 54, THREADED OR WELDED.

REMARKS

SERVICE SINK FAUCET TO BE CENTRAL BRASS #0054-YELSRC-Q

WITH WRIST HANDLES, SEE NOTES #7 & #9

WITH TANK COVER LOCKS.

PROVIDE 6"x6" FLOOR DRAIN.

QUALITY FIXTURE PACKAGE.

QUALITY FIXTURE PACKAGE.

WATTS, PLATINUM VINYL FINISH

PROVIDE 20' HOSE AND NOZZLE, SEE NOTE 9.

AND 1/2" FEMALE OUTLET FITTING, ONE TRAP APPLICATION

WASHING MACHINE.

CAST IRON BODY

REFER TO NOTE #6

WITH FLOOR MOUNTED CONCEALED ARM WALL CARRIER, FAUCET TO BE 5500.175

FLOOR MOUNTED, FLUSH TANK, WITH K-4731-C-O OPEN FRONT ELONGATED SEAT

WITH CHECK HINGE. REFER TO NOTES #7 & #8. COLOR SHALL BE WHITE. PROVIDE

PVC CHANNEL, 316 SS GRATE, PROVIDE WITH 2" BOTTOM DISCHARGE, AND PRE-

PROVIDE WITH PERFORATED HAIR CATCHING DRAIN SYSTEM (LH). PROVIDE WITH

PROVIDE WITH PERFORATED HAIR CATCHING DRAIN SYSTEM (RH). PROVIDE WITH

OWNER TO PROVIDE WASHING MACHINE. WASTE AND VENT SIZES REFER TO

PRESSURE ACTIVATED TRAP PRIMER, BRASS CONSTRUCTION, ADJUSTMENT FOR

BEING SERVED, PROVIDE AIR GAP FITTING WITH 1/2" MALE NPT INLET FITTING

WALL HUNG, 'BI-LEVEL', 8.0 GPH, FILTERED, ADA, 115V, 4.5 FLA, 370 RATED

VARIABLE PRESSURES, INSTALL TRAP PRIMER A MINIMUM OF 12' ABOVE THE TRAP

INSTANTANEOUS WATER HEATER SCHEDULE							
MARK	MANUFACTURER	MODEL NO.	GPM @ 45° RISE MAX	BTUH INPUT	VOLTAGE	WATER/GAS CONNECTIONS	NOTES
IWH-1	RHEEM	RTGH-95DVLN-2	8.5	199,900	120/1/60	3/4"	1,2

CONNECTIONS

3/4"

3/4"

3/4"

1/2"

3/4"

3/4"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

. PROVIDE WITH CONCENTRIC VENT KIT FOR TERMINATION ON ROOF. ROUTE INTAKE AND VENT PIPING UP CHASE TO ROOF, VERIFY CLEARANCE REQUIREMENTS FROM EXISTING VENT/FLUE PIPING ON ROOF. SIZE PIPING PER MANUFACTURER'S RECOMMENDATIONS FOR REQUIRED LENGTH. 2. NO SUBSTITUTIONS

3/4" COLD ¬ /─3/4" HOT WATER FROM WATER LINE INSTANTANEOUS WATER _24"x24" PLUMBING ACCESS PANEL. SHUT OFF VALVE— COORDINATE LOCATION WITH OWNER. 3/4" THW OUT TO HOSE CW ∠WATTS MODEL: LFMMV THERMOSTATIC MIXING FAUCET AND WASH TUB V, CW S VALVE (TYPICAL) 120°F MAXIMUM TEMPERATURE (TYPICAL) ___3/4" WATER LINE OUT TO WASH TUB (TYPICAL) 3 PLUMBING ACCESS DETAIL PLUMBING FIXTURE CONNECTION SCHEDULE

6 WATER RISER

N.T.S.

SHUT-OFF VALVE--EXPANSION TANK 1/2" CW & HW SUPPLY (TYPICAL) "AMTROL" THERM-X-TROL LINES FROM ABOVE → HW — → MODEL ST-5 WASHING MACHINE BOX. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE. PROVIDE -SEE PLAN DWG FOR-FIRE RATED BOX IF REQUIRED, SIZES COORDINATE WITH ARCHITECTURAL. -INSTALL HAMMER ARRESTORS ON HOSE THREAD ENDS OF CW & COMBINATION VENT & HW CONN'S COMBUSTION AIR 5" DRYER EXHAUST. PROVIDE -VENTS MODEL VK 125PS, 5", DIRECT VENT SEALED COMBUSTION—INSTANTANEOUS GAS WATER HEATER 235 CFM DRYER VENT BOOSTER -2" DRAIN LINE IN WALL, REFER TO FAN. ROUTE VENT TO CHASE, SANITARY RISER FOR CONTINUATION. 199.9 CFH GAS INPUT, WALL MOUNTED, REFER TO FLOOR PLAN. FURNISHED & INSTALLED BY CONTRACTOR SHEET METAL WALL BOX "GUY GRAY" 425 — RELIEF VALVE, EXTEND PIPE-TO MOP SINK AND DISCHARGE WITH 6" AIR GAP ►DIRT LEG —DRAIN VALVE, EXTEND PIPE TO MOP SINK FLOOR $\sim\sim\sim$ 1. WATER HEATER INSTALLATION TO COMPLY WITH STATE CODES AND LOCAL AUTHORITIES.

7 | SANITARY RISER

NOTE:
INSULATE ALL EXPOSED WASTE AND SUPPLY

PIPING UNDER LAVATORIES WITH THE HANDI—LAV

GUARD INSULATION KIT BY TRUEBRO OR EQUAL.

TEMPERING VALVE DETAIL

LAVATORY SINK -

SET AT 110° ---

HW SUPPLY----

STOP VALVE -

TEMPERED HW SUPPLY-

THERMOSTATIC TEMPERING

VALVE. POWERS HYDROGUARD

SERIES LM495, ASSE 1070 -

LAVATORY

- FAUCET, REFER TO

PLUMBING FIXTURE

SCHEDULE

- CW SUPPLY

FINISH FLOOR

EXTEND AND CONNECT TO-NEAREST EXISTING VENT

STACK OF 3" OR LARGER

(E)4" SAN ──

FIRST FLOOR PARKING GARAGE

-LOCKING NUT

-SUPPORT NUT

-16 GAUGE ZINC COATED

LEAST 12" LONG FOR

PROVIDE 12" LONG

PIPE AND LARGER

2 WASHER SUPPLY & DRAIN CABINET DETAIL

SINGLE HORIZONTAL RUNS WITH VAPOR

BARRIER INSULATION.

5 | CLEVIS HANGER DETAIL

PIPING 2" AND SMALLER,

SADDLES FOR ALL 21/2"

SHEET STEEL SHIELDS AT

CLEANOUT PLUG

HANGER ROD -

HEAVY DUTY

CLEVIS HANGER -

VAPOR BARRIER

INSULATION -

INSTANTANEOUS GAS WATER HEATER DETAIL

ELECTRIC 1-1/2" 1-1/2" HALSEY TAYLOR HAC8BLPV-WF INTEGRAL **COOLER** INSTALL SERVICE, SHUTOFF & CHECK VALVES, COCKS, STOPS, AIR CUSHIONS, VACUUM BREAKERS, AND SAFETY DEVICES WHERE REQUIRED BY CODE, SPECIFICATIONS, OR DRAWINGS. ALL FIXTURES IN WHITE UNLESS NOTED. EXPOSED P-TRAPS TO BE 17 GA. CHROME PLATE WITH CLEANOUT AND ESCUTCHEON PLATE.

STOPS TO BE CHROME PLATED 1/2" ANGLE VALVE WITH CHROME PLATED 12" LONG, 1/2" O.D. FLEXIBLE RISER AND ESCUTCHEON PLATE. ALL DRAINS AND WATER SUPPLY PIPING TO LAVATORIES TO BE INSULATED WITH 'HANDI LAV-GUARD' INSULATION KIT BY TRUEBRO.

WITH FLORESTONE HOSE AND BRACKET, MOP HOOK, BUMPER GUARD AND 12" HIGH STAINLESS STEEL WALL GUARD. SINK TO BE MOUNTED FLUSH WITH WALLS AND SILICONE SEALANT APPLIED WHERE SINK MEETS WALL. AN 'H' AT THE FIXTURE DESIGNATION INDICATES A HANDICAPPED FIXTURE.

FLUSH HANDLES FOR ADA FIXTURES SHALL BE MOUNTED ON WIDE SIDE OF TOILET AREA.

NAME

1.28 GPF

TERRAZZO

24x24x12

SQUARE

TUB

OXBOX

SERVICE

FAUCET

MODEL

0355.012

K-3999

W60HTY-R

696-G230

4402

SERIES

0054-

YELSRC-(

P2-500

4" CENTERS

(0.5 GPM)

NICKEL BRONZI

STRAINER

STAINLESS

STEEL

STAINLESS

STEEL

STAINLESS

STEEL

ABS

MODEL #91 CENTRAL BRASS

TRAP

INTEGRAL

1-1/2"

NOTE #3 NOTE #4

STOPS

1/2" VALVES

1/2" VALVES

WASTE

1-1/2"

1-1/2"

1-1/2"

MAKE

AMERICAN

STANDARD

KOHLER

FLORESTONE

NOBLE COMPANY LINEAR

Stainless Steel Tub

STAINLESS STEEL

SIOUX CHIEF

J.R. SMITH

CENTRAL

BRASS

PRECISION

PRODUCTS

FOREVER 48" WASH

FOREVER 60" WASH

LAVATORY

CLOSET

Janitor's

TRENCH

DRAIN

PET WASH

ET WASH

WASHING

MACHINE

BOX

WALL CLEAN

FAUCET

TRAP

PRIMER

WCO

SINK

INSTALL WATTS LFUSG-B TEMPERING VALVE. SET AT 110°.

AND DETAILS