

WATER HEATER SCHEDULE						
MARK	MFG / MODEL #	SERVICE AREA	FUEL	INPUT BTUH/HR	TANK SIZE (GAL)	ACCESSORIES
GWH-1	A.O. SMITH "CYCLONE HE" BTX-80	RESIDENT ROOMS	NATURAL GAS	76,000	50	PROVIDE T&P VALVE & VACUUM RELIEF VALVE
GWH-2	A.O. SMITH "CYCLONE HE" BTX-80	RESIDENT ROOMS	NATURAL GAS	76,000	50	PROVIDE T&P VALVE & VACUUM RELIEF VALVE
GWH-3	A.O. SMITH "CYCLONE HE" BTH-120	KITCHEN	NATURAL GAS	120,000	60	PROVIDE T&P VALVE & VACUUM RELIEF VALVE
GWH-4	A.O. SMITH "CYCLONE HE" BTX-80	OFFICE/SALON	NATURAL GAS	76,000	50	PROVIDE T&P VALVE & VACUUM RELIEF VALVE
IWH-1 & 2	RINNAI RUC98	RESIDENT ROOMS	NATURAL GAS	199,000 EACH	---	PROVIDE RINNAI COMBO INTAKE/DISCHARGE KIT No. 184162PP, 224000PP SERIES COMBO VENT PIPE EXTENSIONS, 189000 SERIES ROOF FLASHING, AND T&P VALVE & EXPANSION TANK
IWH-3 & 4	RINNAI RUC98	RESIDENT ROOMS	NATURAL GAS	199,000 EACH	---	PROVIDE RINNAI COMBO INTAKE/DISCHARGE KIT No. 184162PP, 224000PP SERIES COMBO VENT PIPE EXTENSIONS, 189000 SERIES ROOF FLASHING, AND T&P VALVE & EXPANSION TANK
IWH-5	RINNAI RUC98	KITCHEN	NATURAL GAS	199,000	---	PROVIDE RINNAI COMBO INTAKE/DISCHARGE KIT No. 184162PP, 224000PP SERIES COMBO VENT PIPE EXTENSIONS, 189000 SERIES ROOF FLASHING, AND T&P VALVE & EXPANSION TANK

PLUMBING FIXTURE SCHEDULE					
MARK	DESCRIPTION	MANUFACTURER & MODEL NO.	RATED CAPACITY	RATED CAPACITY	NOTES
RCP-1	IN-LINE CIRCULATION PUMP	GRUNDFOS #UP 15-100F	8.4 GPM @ 36 FT HEAD	1/2 HP 115V - 1 PH	

PLUMBING MATERIAL SCHEDULE	
SERVICE PIPE	MATERIALS
WATER PIPING	COLD WATER-PVC, HOT WATER -CPVC
WASTE / VENT PIPING	SCHED 40-PVC
NATURAL GAS PIPING	SCHEDULE 40 BLACK STEEL

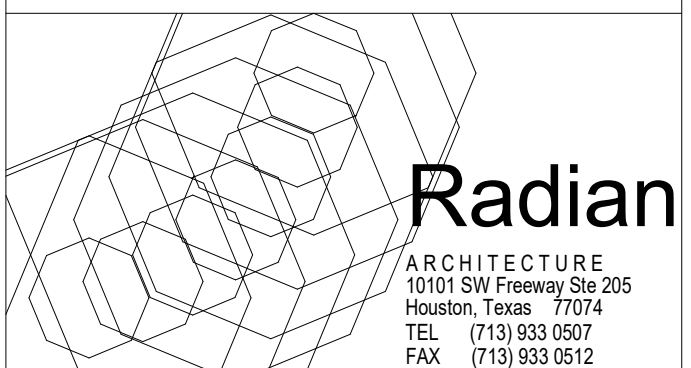
PLUMBING SYMBOLS & ABBREVIATIONS			
MARK	DESCRIPTION	MARK	DESCRIPTION
CW	COLD WATER LINE	----	COLD WATER LINE
HW	HOT WATER LINE	----	HOT WATER LINE
HWR	HOT WATER RECIRC LINE	----	HOT WATER RECIRC LINE
SAN	SANITARY DRAIN LINE	----	SANITARY DRAIN LINE
V	SANITARY VENT LINE	----	SANITARY VENT LINE
GW	GREASE WASTE DRAIN LINE	—GW—	GREASE WASTE DRAIN LINE
GV	GREASE VENT LINE	—GV—	GREASE VENT LINE
NAT	NATURAL GAS LINE	—NAT—	NATURAL GAS LINE
WCO	WALL CLEAN OUT	A.F.F.	ABOVE FINISHED FLOOR
FCO	FLOOR CLEAN OUT	HB	HOSE BIB
COTG	CLEAN OUT TO GRADE	VTR	VENT THRU ROOF
⊖	PIPE DOWN	⊖	BALL VALVE
⊕	PIPE UP	⊕	BUTTERFLY VALVE
⊙	FCO / COTG	⊙	GATE VALVE
	END OF LINE CLEANOUT		GLOBE VALVE
□	END CAP	□	CHECK VALVE
H	HOSE BIB	P	RISER DESIGNATION

UNLESS NOTED OTHERWISE, WATER AND VENT PIPING SHOWN ARE ABOVE CEILING AND WASTE IS BELOW FLOOR.

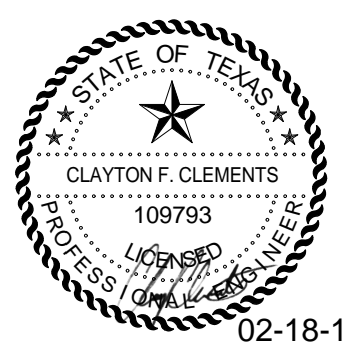
PLUMBING FIXTURE SCHEDULE							
MARK	DESCRIPTION	MANUFACTURER & MODEL NO.	ACCESSORIES	ROUGH-IN SIZES			
				SAN	VENT	CW	HW
WC-1	FLOOR MOUNTED, WHITE VITREOUS CHINA. TOP SPUD, ELONGATED BOWL, OPEN FRONT SEAT LESS COVER SELF-SUSTAINING WITH STAINLESS STEEL POSTS AND DURAGUARD®, RIM HEIGHT 15", MANUAL FLUSH VALVE (1.28 GPF)	AMERICAN STANDARD "MADEIRA" FLOWISE #2234.001	BEMIS #1955SSTFR SLOAN ROYAL #111-1.28	4"	2"	1"	---
L-1	WALL MOUNTED, VITREOUS CHINA, 4" CENTERS, SINGLE LEVER FAUCET, GRID STRAINER AND THERMOSTATIC MIXING VALVE. PROVIDE TRUEBRO INSULATION.	AMERICAN STANDARD "COMRADE" 0124.31	DELTA #523LF-HGMHDF, WATTS #L111 THERMOSTATIC MIXING VALVE, McGUIRE STOPS AND P-TRAP.	2"	2"	1/2"	1/2"
SH-1	SHOWER ENCLOSURE BY ARCHITECT. PROVIDE THERMOSTATIC VALVE WITH LEVER VOLUME TEMPERATURE CONTROL, DIVERTER VALVE, 60" METAL HOSE, HAND SPRAY, 24" SLIDE BAR AND IN-LINE VACUUM BREAKER		DELTA #T17TH3-2-5 AND SEPARATE ORDER OF R10700-UNWS ROUGH IN	---	---	1/2"	1/2"
SD-1	CHROME PLATED SHOWER DRAIN	J.R. SMITH #2005A-CP	SURE SEAL TRAP GUARD #SS2009	2"	2"	---	---
BT-1	60"x30"x14" GLOSSY PORCELAIN FINISH, INTEGRAL OVERFLOW, FULL SLIP RESISTANT. (FIELD VERIFY LEFT/RIGHT HAND REQ'TS)	AMER. STD. #2390.202 (LEFT) #2391.202 (RIGHT)	DELTA #T17TH9-2-5 AND SEPARATE ORDER OF R10700-UNWS ROUGH IN	2"	2"	1/2"	1/2"
SK-1	SELF-RIMMING DOUBLE BOWL, 18 GA STAINLESS STEEL, SINGLE LEVER FAUCET AND CRUMB STRAINER	ELKAY #LRAD3322-6.5-1	DELTA #101LF-HDF DELTA #72010 (STRAINER)	2"	2"	1/2"	1/2"
IM-1	ICE MAKER VALVE BOX	GUY GRAY #BIM875		---	---	1/2"	---
WB-1	WASHER BOX, GALV. STEEL CENTER DRAIN WITH HOT & COLD WATER HOSE BIBBS (BOTTOM MTD)	GUY GRAY #B-200		2"	2"	1/2"	1/2"
FCO	ROUND FLOOR CLEAN OUT, ADJUSTABLE NICKEL BRONZE TOP	J.R. SMITH #4020		SEE PLAN	---	---	---
GCO	EXTERIOR CLEAN OUT	J.R. SMITH #4020		SEE PLAN	---	---	---
HB-1	RECESSED FREEZE PROOF BRONZE HYDRANT WITH SQUARE CHROME FACE, INTEGRAL VACUUM BREAKER & LOOSE "T" HANDLE	WOODFORD #B65		---	---	3/4"	---
KS-1	KITCHEN HAND SINK	SPECIFIED BY OWNER/ARCHITECT		2"	2"	1/2"	1/2"
KS-2	KITCHEN 3-COMPARTMENT SINK	SPECIFIED BY OWNER/ARCHITECT		2"	2"	1/2"	1/2"
TMV-1	MASTER MIXING VALVE	POWERS #432		---	---	---	---
HS-1	BEAUTY SALON HAIR WASHING STATION	SPECIFIED BY OWNER/ARCHITECT	PROVIDE WITH HAIR TRAP	2"	2"	1/2"	1/2"
MS-1	MOLDED STONE MOP SERVICE BASIN 24"x24"x10", 3" OUTLET WITH STAINLESS STEEL STRAINER	FIAT #MSB2424	FIAT #830AA (FAUCET), #832AA (HOSE & BRACKET), #889-CC (MOP HANGER), MSG2424 (WALL GUARD)	3"	2"	1/2"	1/2"
FD-1	ROUND CAST IRON FLOOR DRAIN WITH ADJUSTABLE NICKEL BRONZE STRAINER AND TRAP PRIMER CONNECTION	J.R. SMITH #2005-P050-NB		2"	2"	1/2"	1/2"
FS-1	SQUARE CERAMIC COATED CAST IRON FLOOR SINK WITH SEEPAGE HOLES, NICKLE BRONZE RIM AND DOME BOTTOM STRAINER AND 1/2 GRATE	J.R. SMITH #3100-12		2"	2"	1/2"	1/2"

NOTE: ADJUST ALL THERMOSTATIC MIXING VALVE TEMPERATURE LIMIT STOPS PER MFR'S PUBLISHED INSTALLATION INSTRUCTIONS

OPTIMUM CARE
SUGAR LAND, TEXAS



Revision Schedule		
#	Date	Description
10-26-18		PERMIT, PRICING, AND CONSTRUCTION
02-14-19		CITY COMMENTS



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Project No.
PLUMBING SCHEDULES & DETAILS
Sheet No.

P3.01