





PLUMBING SYMBOL LEGEND

PLUN	IBING SYMBOL LEGEND
SYMBOL	DESCRIPTION
	SANITARY WASTE PIPING
	SANITARY VENT PIPING
— GW —	GREASE WASTE PIPING
— AW —	ACID WASTE PIPING
 ST 	STORM DRAIN PIPING
— OD —	STORM DRAIN OVER FLOW PIPING
— G ——	NATURAL GAS PIPE
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RECIRCULATION PIPING
$H \not \rightarrow \not \rightarrow \not \rightarrow$	EXISTING PIPE TO BE REMOVED
ł	- WHERE NO CONNECTION IS REQUIRED
D	CONDENSATE DRAIN LINE PIPING (D) (CD)
¥	REGULATOR
	GAS COCK
X	GATE VALVE
_ - _	BALL VALVE
—Ā—	CHECK VALVE
	UNION
	BALANCING VALVE
>	FLOW DIRECTION OF PIPING
	SOLENOID VALVE
	MIXING VALVE
—	HOSE BIBB OR FREEZE PROOF WALL HYDRANT (HB) (FPWH)
[CAP PIPING
\oplus	FLOOR DRAIN (FD)
0	HUB DRAIN (HD)
	FLOOR SINK (FS)
<u> </u>	FLOOR CLEANOUT (FCO)
<u> </u>	TWO WAY OR DOUBLE CLEAN OUT (TWCO) (DCO)
⊫	WALL CLEANOUT (WCO)
VTR	VENT THROUGH ROOF
UF	UNDER FLOOR
ОН	OVERHEAD ABOVE CEILING
	POINT OF CONNECTION TO EXISTING

ELECTRIC WATER HEATER SCHEDULE

DESIGNATION	MODEL	MANUFACTURER	STORAGE
	NUMBER		GALLONS
WH	DEN-30	A.O. SMITH	30
GENERAL NOTES	<u>:</u>		

1. CONTRACTOR SHALL PROVIDE DIELECTRIC UNIONS AT WATE 2. CONTRACTOR SHALL PROVIDE BALL VALVES AT WATER HEA 3. CONTRACTOR SHALL PROVIDE T&P RELIEF VALVE, DRAIN VA 4. DISCHARGE OUTSIDE OR INTO NEAREST OPEN SIGHT DRAIN.

DOMESTIC HOT WATER C

DESIGNATION	MODEL	MANUFACTURER	TOTAL	
	NUMBER		HEAD IN	
			FEET	
CP-1	UP25-64BF	GRUNFOS	15	
CP-1	UP25-64BF	GRUNFOS		

GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE TIMER AND THERMOSTAT (2. CONTRACTOR SHALL INSTALL PUMP PER MANUFACTURE

ALL SYMBOLS ON THIS LIST ARE NOT NECESSARILY USED ON THIS JOB

ITAKLY FEQURED. INSTALL THERMOSTATIC MINING VALVE HEATER CONNECTIONS. ROMECTIONS. RECULATION SCHEDULE PELLER & TOAL GPM PUMP RELECTRICAL CHARACTERISTICS REMARKS/SPECIAL INSTRUCTIONS YOLUTE TITZ ATERIAL TOOL OF PUMP, REFER TO DETAIL REQUIREMENTS AND RECOMMENDATIONS. TROL OF PUMP, REFER TO DETAIL REQUIREMENTS AND RECOMMENDATIONS. TROL OF PUMP, REFER TO DETAIL TROL OF PUMP, NEFER TO DETAIL REQUIREMENTS AND RECOMMENDATIONS.	RAIE	TEMPERATU						REMARKS/SPECIAL INSTRUCTIONS		DES
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				PLU	JMBIN
DESIG.		MANUFACTURER & MODEL	SAN. SWR	VENT	COLD WTR
<u>v v</u>	FLOOR MOUNTED	TOTO	912E 4"	2"	3/4"
wc	WATER CLOSET	MS854114E			
	TANK TYPE	OLSONITE			
		PLASTIC SEAT	4"	2"	2/4"
	FLOOR MOUNTED WATER CLOSET	TOTO MS604114CEF	4	2	3/4"
HWC	TANK TYPE	OLSONITE			
	ADA APPROVED	PLA STIC SEAT			
	WALL HUNG	ΤΟΤΟ	2"	2"	3/4"
	URINAL	UT447E			
UR	1.0 GPF	SLOAN ROYAL #180 ES-S			
	INFRA-RED				
	ADA APPROVED				
	COUNTERTOP	ΤΟΤΟ	2"	2"	1/2"
	LAVATORY	LT501.1	_	_	
LAV	ADA	SLOAN OPTIMA ETF-600			
\sim	-DONDLE BOWL				4/2
VC		DBW-2133-A-GR-L			
KS	STAINLESS STEEL KITCHEN SINK	MOEN #8799 FAUCET			
	ADA				
	SINGLE	JUST MFG	2"	2"	1/2"
SK	COMPARTMENT	SL-ADA-1921-A-GR			
SK	STAINLESS STEEL	MOEN #8799 FAUCET			
	ADA				
	SQUARE	FIAT			
MS		TSB-100	3"	2"	3/4"
	WITH GUARD AND				
\sim	ELECTRIC	ELKAY	\sim	\frown	\sim
	BOTTLE	LZWSM8K	-	-	1/2"
BFS	FILLING				
	STATION				
ICE	ICE MAKER	SIOUX CHIEF	-	-	1/2"
MAKER	OUTLET BOX	OX BOX			
BOX		696-1000MF			
•••	FOR RESTROOMS	1100	,		
FD	AND EXPOSED	WITH TRAP PRIMER			
	AREAS	CONNECTION			
	INTERIOR FLOOR	WADE			
FCO	CLEANOUT	6000STD-1			
	EXTERIOR	WADE			
	CLEANOUTS	6000X-1			
CO	PROVIDE	0000/1			
	PAD		100000000		
	WALL CLEANOUT	WADE			
WCO	TEE WITH ACCESS	8560/8480R			
	COVER				

- WALL HUNG PLUMBING FIXTURES SHALL BE SUPPORTED USING AD STRUCTURAL STEEL UPRIGHTS UTILIZING HEAVY-DUTY CAST-IRON
- FLOOR AND HUB DRAINS IN RESTROOMS AND MECHANICAL ROOMS SHALL HAVE AN AUTOMATIC TRAP PRIMER ACTIVATED BY A DROP IN INCH ACCESS PANEL FLUSH WITH WALL ACCESS PANEL, LOCATED WITH ARCHITECT PRIOR TO ROUGH-IN. ARCHITECT RESERVES THE
- CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR M (ADA) FIXTURES. CONTRACTOR SHALL COORDINATE ADA REQUIREM THE PLUMBING AND ARCHITECTS DRAWINGS. CONTRACTOR SHALL
- FLUSH VALVE FOR THE HANDICAPPED PLUMBING FIXTURES SHALL (TOWARDS THE CENTER OF STALL)
- CONTRACTOR SHALL PROVIDE FLEXIBLE MOLDED INSULATION ON F SHALL PROVIDE OFFSET P-TRAPS ON ADA FIXTURES
- 6 CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES SHOWN ON
- 7 CONTRACTOR SHALL FURNISH AND INSTALL ON EACH PLUMBING FI BRASS ANGLE SUPPLIES WITH ALL METAL CONSTRUCTION CHROME ESCUTCHEONS WITH CAST SET SCREW.
- 8 CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, PIPING, S INSTALLATION INSTRUCTIONS AND TO COMPLY WITH CITY, STATE, AI
- 9 CONTRACTOR SHALL REFER TO HVAC DRAWINGS AND PROVIDE ALL TO INSTALL FLOOR AND HUB DRAINS RECEIVING CONDENSATE.

10 FLUSH VALVES SHALL BE SIMILAR TO "SLOAN ROYAL" UNLESS OTHE

BUILDING HEATING

SYSTEM INFORMATION

PLU N. VENT ZEV SIZE " 2"	COLD WTR	B FIXTUF						0 4 4 1 0 0 V	
N. VR VENT ZE SZE :" 2"	COLD WTR			-			/	\sim	
2 6 3/2E	SHRE							S1E 2 6 2 2 6 2 2 6 2	l
				DESCRIPTION / REMARI	\sim		\		X
ļ" 2"	т. Т			EMOUNTED CHROME TRIP LEVER, EL				HIT	
	3/4"	-		CHINA, LOW CONSUMPTION, ELONGA H, SIDE MOUNTED CHROME TRIP LEVE					
			DOUBLE OF GLONE FLOSI		LR, LLONGATED ONE-				
2" 2"	3/4"	-		WASHOUT LOW CONSUMPTION 1.6 C P SPUD, 2 INCH FEMALE THREADED C					
			FURNISH URINAL	AOUNTED ON STRUCTURAL STEEL SU COMPLETE WITH SLOAN ROYAL #18	0 ES-S FLUSH VALVE	AND	\ +		R 1
	4/01	4/01	CONSL	CAST IRON SUPPORTS SIMILAR TO J	DUNTING HEIGHT				1 S
2" 2"	1/2"	1/2"	LAVATORY . FURNIS	ONT OVERFLOW WITH 4 INCH CENTE HED COMPLETE WITH CHROME PLAT LEXIBLE METAL SUPPLIES, HANDI LA	ED OFFSET 1 1/2 INCH	IP-TRAP			
			SLOAN M	DDEL ETF-600 ELECTRONIC INFRARE	D SENSOR FAUCET				
			STAINLESS	STEEL SELF RIMMING SINK 5 1/2 INC 1/2 HP 115 V DISPOSAL	HES DEEP FOR ADA.				ARCHITECTS
									A
2" 2"	1/2"	1/2"		NT 18 GAUGE STAINLESS STEEL SINF IS STEEL SELF RIMMING SINK 6 INCHE	-	UNCHING	+		
			TERRAZZO TSB-100 2	4 INCH X 24 INCH X 12 INCH MOP SINF	K WITH DELTA 28T238	3 FAUCET			
b" 2"	3/4"	3/4"	FIAT NO. 8	98-CC MOP HANGER, NO. 832-AA HC NO. 1453-BB STAINLESS STEEL ST	RAINER.			SINTE OF THE	٩.
\sim		\frown	REFRIGER	PROVIDE ONE MSG 2424 WALL G	ATION WITH FILTER.		7	SHUJI OKUDA	*.·,
-	1/2"	-		ELKAY MODEL: LZWSM8K OR EC PROVIDE REPLACEMENT FILTE		K		SHUJI OKUDA	
· –	1/2"	-	SE	CURE STUD MOUNTED 1/2" WATER C	DUTLET BOX			CONTRACTOR	
		\sim	,	NING COLLANNIA MIGREL DRONZ INNECTION, VANDALPROOF TOP,, SF				THE SEAL APPEARING ON DOCUMENT WAS AUTHORIZ	THIS
				TER. VERIFY ROUND OR SQUARE TO				SHUJI OKUDA, P.E. 54327 OCTOBER 23, 2012	ON
			BRONZE CLEAN	LEENATRON, LEVELEZE FLOOR CLE DUT PLUG, ADJUSTABLE HOUSING W	/ITH SCORIA TED SECL	JRED	OF PRIC	CUMENT IS RELEASED FOR	CTION UNDER
			REFER TO AR	. CONTRACTOR SHALL SELECT COV CHITECTURAL DRAWINGS FOR TY PE KLEENATRON, LEVELEZE FLOOR CLE	OF FLOOR COVERING	G.		THORITY OF SHUJI OKUDA OBER 23, 2012	P.E. # 54327
			BRONZE CLEAN	DUT PLUG, ADJUSTABLE HOUSING W CONTRACTOR SHALL PROVIDE CO	/ITH SCORIA TED SECL	JRED			
				TEEL WALL ACCESS COVER WITH C					
				E WITH HUB AND SPIGOT CONNECTION IDE VANDALPROOF SCREW. REFER				ASSOCIATE NO. F-0000597 Engineering	
SS PANEL, LO ECT RESERV AL DRAWING NATE ADA RE CONTRACTOR IG FIXTURES ED INSULATION JRES IXTURES SHO N EACH PLUM STRUCTION O Y FITTINGS, P WITH CITY, S	DCATED AS D VES THE RIG GS FOR MOUI EQUIREMENT R SHALL PR S SHALL BE IN ION ON P-TR OWN ON THE MBING FIXTU CHROME PL/ PIPING, SUPF STATE, ADA A WIDE ALL NE SATE. SS OTHERWI	IRECTED BY T HT TO RELOC NTING HEIGHT S WITH ARCH OVIDE ADA FIX NSTALLED WH APS, WATER S E ARCHITECTU RE CHROME F ATED FLEXIBL PORTS, ETC. T ND TAS CODE CESSARY WAS	THE ARCHITECT. ACCE ATE ACCESS PANEL PR TS AND LOCATIONS OF A ITECT PRIOR TO INSTAL (TURES AS SHOWN ON IERE THE HANDLE FACE SUPPLIES AND VALVES S JRAL, KITCHEN, PLUMB PLATED BRASS P-TRAP, E BRASS RISERS WITH O INSTALL EACH PLUME IS AND STANDARDS. STE, VENT AND CW PIPI OBSIGNATION OR ITEM NUMBER RTU-1	ES INTO THE OPEN AREA WITHIN SERVING ADA PLUMBING FIXTUF NG AND OWNER FURNISHED D NIPPLES WITH ESCUTCHEON, NIPPLES AND CHROME PLATED BING FIXTURE PER MANUFACTU NG, ALSO VALVES AND FITTINGS SUMMARY EQUIPMENT DESCRIPTION ROOF TOP UNIT ROOF TOP UNIT	E COORDINATED T ADDITIONAL COS JDING HANDICAPP E. N THE STALL. RES. CONTRACTOF DRAWINGS. CHROME PLATED D BRASS JRER'S	T. ED R TOTAL CFH 60.00 120.00 120.00 120.00 120.00 120.00 630.00		Champions Crossing 920 South Kimball Ave. Southlake, Texas 76092	
	ATION			TOTAL GAS LOAD	OZ PER	630.00 INCHES OF			
			PRESSURE LEAVING I TOTAL EQUIVELANT P		SQ INCH A	WATER COLUMN 6.92	I		
							PROJE	CT NUMBER:	1206
							DATE:		08.30.201
							DATE: REVISI		08.30.201
							REVISI		08.30.201
							REVISI	IONS:	

SHEET:



