	1	2			3		4
			LEGEND				
		VALVE SYMBOLS		PIPING SYMBOL	S	MISCELLANEO	US
			GATE VALVE		- PITCH DOWN IN DIRECTION OF ARROW		PROCESS VACUUM CONN
			GLOBE VALVE	—	DIRECTION OF FLOW		BREATHING AIR CONN
			CHECK VALVE (NON SLAM)			+- +-x	PROCESS COMPRESSED AIR CONN
D			PLUG VALVE				
			(PRV)		CONCENTRIC REDUCER		DENOTES NEW COLUMN GRID
			PRESSURE REGULATOR		ECCENTRIC REDUCER		DENOTES EXISTING COLUMN GRID
		6	BALL VALVE	<u>+</u>	- BRANCH - SIDE CONNECTION	<100 →	KEYNOTE REFERENCE
			NEEDLE VALVE	ļ			POINT OF CONNECTION
			VENTURI FLOW METER		BRANCH - TOP CONNECTION		NEW TO EXISTING
		ā	VALVE IN DROP	↓ , * ,	BRANCH - BOTTOM CONNECTION		WATER HAMMER ARRESTOR
			VALVE IN CENTER DROP	+C-+		VTR	VENT THROUGH ROOF
			VALVE IN RISE	O	RISER UP (ELBOW)	PIPING TYPES	
			GATE VALVE W/ 3/4" HOSE		CAPPED PIPE	SS	SANITARY SEWER SANITARY VENT (V)
		s		+	BLIND FLANGE		DOMESTIC COLD WATER (DCW) DOMESTIC HOT WATER (DHW)
			SOLENOID VALVE		UNION (SCREWED)	 NP₩	DOMESTIC HOT WATER RETURN (DHWR) NON POTABLE WATER
C				· · · · · · · · · · · · · · · · · · ·	ORIFICE UNION	SV T₽	COMBINATION WASTE AND VENT TRAP PRIMER
			THREE-WAY CONTROL VALVE		FLANGED CONNECTION	G	NATURAL GAS CONDENSATE DRAIN
				.1 1.		0D 	OVERFLOW DRAIN FUEL SUPPLY
			PRESSURE RELIEF VALVE		TEMPERATURE & PRESSURE PORT	FR — GW—	FUEL RETURN GREASE WASTE
					- STRAINER WITH BLOWDOWN VALVE	DRAWING/DETAI	PUMP DISCHARGE
			WANDAE BALANCING VALVE				REFER TO
			AUTOMATIC BALANCING VALVE		- FLEX PIPE		DRAWING/DETAIL NUMBER SHEET NUMBER ON
					- FLEX CONNECTION	RE : 2 / P-20	WHICH DETAIL IS DRAWN
			TEMPERATURE WELL	[BELLOWS CONNECTION	SITE	E/UTILITY INFORMATION
			FLANGED VALVE	<u> </u>		WATER SERVIC	E FLOW TEST DATA
			(GATE VALVE SHOWN)	Ø		FLOW TEST HA	S NOT BEEN PERFORMED.
R			ORIFICE FLOW PLATE	[†] FS	PRESSURE GAGE WITH COCK		
				PS	FLOW SWITCH		NCE SYSTEMS ON THESE DRAWINGS ARE IN
		EQUIPMENT SYME	BOLS		- PRESSURE SWITCH	COMPLIANCE W	ITH THE 2021 INTERNATIONAL PLUMBING
					- PUMP	CODE.	
			NEW EQUIPMENT		LINE/WALL CLEANOUT		
				(M)	- WATER METER	STORM DRAIN I	DESIGN STORM DRAINAGE IS VIA GUTTERS AND
_			CLEARANCE			DOWNSPOUTS. RATE.	DESIGN IS BASED ON 3.9 INCH/HR RAIN FAL
PLUM.rvt				G	- GAS METER		
Grinder				— • —	FLOOR CLEANOUT		
					HOSE BIBB/WALL HYDRANT		
NO_CMD					FLOOR DRAIN		
e/D3754{					PLUMBING FIXTURES AND EQUIPMENT		
A A					DOUBLE CHECK BACKFLOW		
Aerojet F					PREVENTER REDUCED PRESSURE BACKELOW		
00_FED_				RPBFP	PREVENTER		
_D37545					RISER DESIGNATION "P": DENOTES SANITARY WASTE AND VENT RISER		
Jocs://US					DIAGRAM OR DOMESTIC COLD AND HOT WATER RISER DIAGRAM		
utodesk [
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