	F	PLUMBING LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	TRAD DIMED	1% SLOPE	DIRECTION OF CLODE
	TRAP PIMER		DIRECTION OF SLOPE DIRECTION OF FLOW
Φ	BALL VALVE		PIPE UP OR UP & DN
	BUTTERFLY VALVE		PIPE DOWN
M	GATE VALVE		PIPE DROP
	GATE VALVE		TOP CONNECTION — BRANCH LINE
	BALANCING VALVE		BOTTOM CONNECTION - BRANCH LINE
	CHECK VALVE	— F —	FIRE MAIN AUTOMATIC WET SPRINKLER
. 15		AS	COLD WATER
	PRESSURE REDUCING VALVE		HOT WATER (120°F)
*			HOT WATER CIRC (110°F)
Т	AUTOMATIC AIR VENT		HOT WATER (140°F)
	CIRCUIT SETTER		HOT WATER CIRC (122°F)
——N———	BACKWATER VALVE	SAN	SANITARY SEWER, WASTE OR SOIL BELOW GRADE OR FLOOR
	UNION	——— SD ———	STORM DRAIN
	STRAINER		PIPING BELOW GRADE
	STRAINER WITH BLOW OFF		WASTE, OR SOIL ABOVE GRADE OR FLOOR
*			VENT
	FLEXIBLE CONNECTOR	υ ——	DRAIN LINE
	CAP OR PLUG	——— (E) ———	EXISTING PIPE
	BLIND FLANGE	(W)	
	CONCENTRIC REDUCER ECCENTRIC REDUCER		WASTE STACK
□ A1, A2, A3	WATER HAMMER ARRESTOR	(V)	VENT STACKS
♀ PG	PRESSURE GAUGE WITH COCK	(CW)	
T T	TUEDIONETED		COLD WATER RISER
7	THERMOMETER	PD	PLANTER DRAIN
—II CO/WCO	CLEANOUT/WALL CLEANOUT		I DANIEN DIVANA
—— ∳ FCO	FLOOR CLEANOUT		PLUMBING EQUIPMENT
	YARD CLEANOUT		
-# HB	HOSE BIBB	#	SHEET NOTE
Ø F D	FLOOR DRAIN		DETAIL NO
	METER TAG	P2	——— DETAIL NO. ————————————————————————————————————
		M	WATER FLOW METER
		•	POINT OF CONNECTION
		#	POUNDS OR NUMBER

	ABBRE	VIATIC 	DNS
ABV AD	ABOVE ACCESS DOOR	ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ADA	AMERICANS WITH DISABILITIES	I.E.	INVERT ELEVATION
71571	ACT	I.R.R.	IRRIGATION
AFF	ABOVE FINISHED FLOOR	LAV	LAVATORY
AFG	ABOVE FINISHED GRADE	LBS	POUNDS (UNIT OF FORCE)
AP	ACCESS PANEL	LP	LUBRICATED PLUG VALVE
ARCH	ARCHITECT	MAX	MAXIMUM
ASR	AUTO FIRE SPRINKLER RISER	MBH	THOUSANDS BTU/HR
BEL	BELOW	MECH	MECHANICAL
BFV	BUTTERFLY VALVE	MFR	MANUFACTURER
BHP	BRAKE HORSEPOWER	MIN	MINIMUM
BTU	BRITISH THERMAL UNIT	MH	MANHOLE
BV	BALL VALVE	N.C.	NORMALLY CLOSED
BWV CA	BACKWATER VALVE COMPRESSED AIR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CD	CONDENSATE DRAIN	NO.	NUMBER
CFF	CAP FOR FUTURE	NO. N.O.	NORMALLY OPEN
CFH	CUBIC FEET PER HOUR	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	OFCI	OWNER FURNISHED CONTRACTO
CFS	CUBIC FEET PER SECOND	OFGI	INSTALLED
CI	CAST IRON	OW	OIL WASTE
CLG	CEILING	POC	POINT OF CONNECTION
CO	CLEANOUT	PLBG	PLUMBING
CONC	CONCRETE	PRV	PRESSURE REDUCING VALVE
CONN CONTR	CONNECTION CONTRACTOR	PS PS	PRESSURE SWITCH
CONTR	CONTINUATION	PSI PT	POUNDS PER SQUARE INCH
CS	CIRCUIT SETTER	Pi	PRESSURE TEMPERATURE TRAP (PETE'S PLUG)
CV	CHECK VALVE	PV	PROCESS VENT
CW	COLD WATER	PV	PLUG VALVE
CW(FU)		RI&C	ROUGH IN AND CONNECT
DN DCVA	DOWN DOUBLE CHECK VALVE ASSEMBLY	RPBFP	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
DDCVA	DOUBLE DETECTOR CHECK	RPM	REVOLUTIONS PER MINUTE
0511	VALVE ASSEMBLY	RV	RELIEF VALVE
DFU HWR	DRAINAGE FIXTURE UNIT HOT WATER RECIRC	SF	SQUARE FEET
DIA	DIAMETER	SHT	SHEET
DIA D	- n r - r ·	SN	SHEET NOTE
DWG	DRAWING	SOV	SHUT-OFF VALVE
DWV	DRAWING DRAINAGE WASTE AND VENT	SPR	SPRINKLER
EXIST	EXISTING	S.S.	
ELEC	ELECTRICAL	SV	SOLENOID VALVE
FIN	FINISHED	ΤP	TRAP PRIMER
FLR	FLOOR		
FLSW	FLOW SWITCH	TT	TEST TEE
FO FOO	FUEL OIL	TYP	TYPICAL
FPS	FEET PER SECOND	U UN	URINAL
FRM	FROM	UN VB	UNION
FT	FEET	AR AR	VACUUM BREAKER VENT
FT (FU)	FLUSH TANK FIXTURE UNIT	v VTR	VENT THROUGH ROOF
FUT	FUTURE ONLY	W	WASTE
FV	FLUSH VALVE	WC	WATER CLOSET
CAL	CALLONIC	WHA	WATER HAMMER ARRESTOR
GAL GPH	GALLONS GALLONS PER HOUR	WCO	WALL CLEANOUT
GPM	GALLONS PER MINUTE	W/	
GV	GATE VALVE	WGT	WEIGHT
HD	HUB DRAIN	Y.B.	YARD BOX
HP	HORSEPOWER		
HW	HOT WATER		
HWFU	HOT WATER FIXTURE UNIT		
IAPMO	INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL		

GENERAL NOTES - PLUMBING

ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH DIVISION 22. SPECIFICATIONS.

9

- AS-BUILT RECORD DOCUMENTS: AT PROJECT CLOSEOUT, CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS, CHANGE ORDERS AND SPECIFICATION CHANGES TO ARCHITECT FOR APPROVAL. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.
- DETAILED INVESTIGATION OF EXISTING CONDITIONS ARE PART OF THE CONTRACT WORK. VISIT THE JOB SITE PRIOR TO BID. REVIEW AVAILABLE EQUIPMENT LAYOUTS, ASSEMBLY DRAWINGS AND INSTALLATION SCHEDULES.
- DOMESTIC WATER HAS BEEN ENGINEERED. CONTRACTOR SHALL NOT USE APPENDIX "A" OF UPC TO RESIZE ANY LINES. RESIZING OF ANY LINES SHALL BE SUBMITTED FOR WRITTEN APPROVAL BY ENGINEER ONLY PRIOR TO COMMENCING OF ANY CONSTRUCTION.
- BARRIER FREE REQUIREMENTS: PROVISIONS HAVE BEEN DESIGNED TO PROVIDE FIXTURES IN ACCORDANCE WITH A.D.A., ANSI AND LOCAL JURISDICTION REGULATIONS. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AND REPORT TO ARCHITECT OR OWNER'S REPRESENTATIVE WHEN FIELD CONDITIONS PREVENT CORRECT INSTALLATION.
- ALL PIPES, AND RELATED EQUIPMENT SHALL BE SUPPORTED AND BRACED PER THE 1991 SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEM" OR R-003 THE "SUPERSTRUT SEISMIC RESTRAINT SYSTEM" OR R-0114 THE "B-LINE SEISMIC RESTRAINT SYSTEM" FOR PIPES AND CONDUITS ONLY. SUPPORT SPACING SHALL CONFORM WITH UNIFORM PLUMBING CODE.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED BY FIRE MARSHAL STANDARDS.
- ROUTING OF PLUMBING PIPING SYSTEMS AND MECHANICAL PIPING SYSTEMS SHALL BE COORDINATED. PROVIDE COMMON SUPPORTS WHERE POSSIBLE.
- MAKE ALL ROUGH-INS AND FINAL CONNECTIONS IN CONFORMANCE WITH LOCAL CODES, PROVIDE SHUT-OFF VALVES WITH PERMANENT NAME TAGS IDENTIFYING SUPPLY LINES TO EACH INDIVIDUAL PIECE OF EQUIPMENT. INCLUDE TRAPS, TAIL PIECES, AND LINE STRAINERS AS REQUIRED.
- 10. PROVIDE AND INSTALL ALL SINK WASTE LINES, USE COPPER TUBING UNEXPOSED & PAINT WHERE LINES ARE VISIBLE.
- 11. UNDER PLUMBING WORK OF DIVISION 22, INSTALL & CONNECT FAUCETS.
- 12. PROVIDE AND INSTALL STAINLESS STEEL OR CHROME PLATED ESCUTCHEON PLATES FOR ALL WATER LINES PENETRATING WALLS BELOW COUNTERS.

PLUMBING DRAWING LIST

P-001 INFORMATION AND DRAWING LIST - PLUMBING

P-002 SCHEDULES - PLUMBING

P-110 OVERALL FIRST FLOOR PLUMBING PLAN P-111 PARTIAL FIRST FLOOR PLUMBING PLAN

P-112 PARTIAL FIRST FLOOR PLUMBING PLAN

P-120 OVERALL BASEMENT PLUMBING PLAN

P-121 PARTIAL BASEMENT PLUMBING PLAN

P-122 PARTIAL BASEMENT PLUMBING PLAN

P-201 PLUMBING DETAILS P-202 PLUMBING RISER DIAGRAMS

owner:

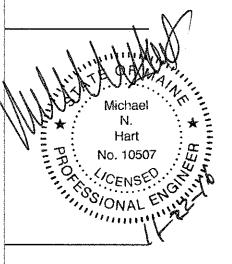
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INFORMATION AND DRAWING LIST -PLUMBING