SYMBOL	ABBREVIATION	DESCRIPTION
	EX.	EXISTING TO REMAIN
	REL.	REMOVE AND RELOCATE
	NEW	NEW WORK
	DEM.	DEMOLISH
	CW	NEW COLD WATER
	HW	NEW HOT WATER
	HWC	NEW HOT WATER RE-CIRCULATION
— — AV — —	AV	ACID VENT
	V	VENT
————W———	W	WASTE LINE
s	S	SOIL LINE
G	G	GAS LINE
	LDR	LEADER
—— CA ——	CA	COMPRESSED AIR LINE
——VAC ——	VAC	VACUUM LINE
AW	AW	ACID WASTE LINE
SS	SS	SANITARY SEWER (SITE WORK ONLY)
—— SD ——	SD	STORM DRAINAGE
	_	3-WAY VALVE
ď	_	BUTTERFLY VALVE
R		2-WAY VALVE
4	_	PLUG VALVE
	_	SOLENOID VALVE
— ×	_	GATE VALVE
	_	GLOBE VALVE
<u> </u>	_	CHECK VALVE
	_	OS&Y GATE VALVE
<u> </u>	_	BALL VALVE
	_	CIRCUIT SETTER
Ĥ	_	MANUAL AIR VENT
X	_	T&P RELIEF VALVE
Å	_	PRESSURE REDUCING VALVE
	_	TEE DOWN
C	_	ELBOW DOWN
<u> </u>	_	TEE UP
<u> </u>	_	ELBOW UP
	_	PIPE CAP
	CODP	CLEAN OUT DECK PLATE
<u> </u>		
- I	WCO	WALL CLEAN OUT
て	FCO	FLOOR CLEAN OUT
<u></u>	_	STRAINER
	_	FLEXIBLE CONNECTION
—	_	FLOW ARROW
Ø	_	PRESSURE GAGE
	_	PUMP
		THERMOMETER
MGCV	_	MASTER GAS CONTROL VALVE
	_	HOSE BIB
	FD	FLOOR DRAIN
<u> </u>	_	VACUUM COCK
	_	
•	_	COMPRESSED AIR COCK
● (G	_	GAS COCK
_		

GENERAL NOTES

ABBREVIATION DESCRIPTION

AFF

AHC

BFP

VTR

RP

DCV

TYP

PD

EYE WASH

ABOVE FINISHED FLOOR

ABOVE HUNG CEILING

BACK FLOW PREVENTOR

VENT THROUGH ROOF

RECIRCULATION PUMP

BOOSTER PUMP

PUMP DISCHARGE

CONDENSATE DRAIN

TYPICAL

H.W. HTR | HOT WATER HEATER

REDUCED PRESSURE ZONE - BFP

DOUBLE CHECK VALVE - BFP

POINT OF CONNECTION DISCONNECTION

SYMBOL

—— PD ——

—— CD ——

1.) THE DRAWINGS INDICATE THE EXTENT AND GENERAL ARRANGEMENTS OF THE PLUMBING SYSTEMS. IF ANY DEPARTURES FROM THE DRAWINGS ARE DEEMED NECESSARY BY THE PLUMBING CONTRACTOR, DETAILS OF SUCH DEPARTURES AND THE REASONS THEREFORE SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR APPROVAL. NO SUCH DEPARTURES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ENGINEER. EQUIPMENT AND PIPING ARRANGEMENTS SHALL PROVIDE ADEQUATE AND ACCEPTABLE CLEARANCES FOR ENTRY, SERVICING, AND MAINTENANCE.

2.) THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING NEW YORK STATE PLUMBING AND BUILDING CODE. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.

3.) PRIOR TO FABRICATION, THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB SITE, AND COORDINATE THIS WORK WITH THE WORK OF ALL OTHER TRADES.

- 4.) SEE CONTRACT DOCUMENTS FOR EXACT PHASING AND TIME SCHEDULE FOR CONSTRUCTION.
- 5.) PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.

6.) ALL ACCESS PANELS SHALL BE BY GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION.

- 7.) ALL GAS PIPING SHALL BE INSTALLED IN ACCORDANCE WITH UTILITY STANDARDS & SPECIFICATIONS.
- 8.) NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
- 9.) PROVIDE SHUTOFF VALVES AT EACH FIXTURE AND/OR EQUIPMENT ON COLD WATER SUPPLY PIPES.

10.) ALL WORK SHALL BE PROPERLY TESTED, BALANCED, CLEANED, AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.

11.) PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. WHEN PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH FIRE STOPPING MATERIAL.

EQUIPMENT NOTES

- 1. <u>PROTECTIVE SHIELDING GUARDS:</u> WHEREVER PIPING IS EXPOSED BELOW SINKS AND LAVATORIES, PROVIDE MANUFACTURED PLASTIC ENCLOSURES BY TRUEBRO FOR COVERING PLUMBING FIXTURE HOT AND COLD WATER SUPPLIES AND TRAP AND DRAIN PIPING. COMPLY WITH AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.
- 2. <u>AIR CHAMBERS:</u> SHALL BE SIMILAR TO WATTS 15M2, AT LEAST FULL SIZE OF EACH BRANCH CONNECTION.
- 3. <u>HYDROPNEUMATIC WELL TANKS</u>: SHALL BE TACO MODEL PAX350-150, 92 GALLON, MAX ACCEPTANCE VOLUME 43 GALLONS, 24" DIAMETER, 63%" TALL HIGH STRENGTH STEEL TANK, HEAVY DUTY BUTYL LINER, FACTORY PRECHARGE 30 PSIG, MAX TEMP/PRESSURE 200F/150PSIG. PROVIDE PART #24000-1, U-BOLT SADDLE FOR HORIZONTAL MOUNTING.

4. FIXTURE (GENERAL):

- A.) FIXTURE SHALL BE COMPLETE WITH REQUIRED TRIM, INCLUDING BUT NOT LIMITED TO: SUPPORTS, FAUCETS, SUPPLIES, STOP VALVES, 17 GAUGE WASTE TAILPIECES, TRAPS, SEATS, FLUSHOMETER, VACUUM BREAKER, BOLTS, GASKETS CHROME PLATED EXUTCHEONS, CAST BRASS FLOOR FLANGE AND BOLT CAPS. ALL SCREWS SHALL BE VANDELPROOF.
- B.) EXPOSED METAL TRIM AND ROUGHING SHALL BE CAST BRASS 'P' TRAPS WITH SCREW PLUG CLEANOUT, SLIP—JOINT INLET AND FEMALE CAST SWIVEL THREADED ELBOW OUTLET. CHROME PLATED BRASS NIPPLE AT WALL WITH CHROME PLATED ESCUTCHEON. SWING SPOUTS SHALL HAVE 140° SWING LIMIT STOPS. COORDINATE ALL FINISHES WITH ARCHITECT.
- C.) SUPPORT WALL FIXTURES SECURELY ON APPROVED COMMERCIAL GRADE CARRIERS AS MANUFACTURED BY JAY R. SMITH, JOSAM, OR ZURN.
- D.) PROVIDE TWO SETS OF FAUCET WASHERS AND FLUSH VALVE SERVICE KITS FOR EACH TYPE AND SIZE OF FIXTURE INSTALLED.
- 5. AUTOMATIC GAS SHUTOFF VALVE: SHALL BE NORMALLY CLOSED, POWERED OPEN, MANUAL RESET SOLENOID VALVE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR, WIRED BY THE ELECTRICAL CONTRACTOR. THE VALVE SHALL BE A RISING STEM DESIGN WITH A STRAIGHT THROUGH FLOW PATH WITH METAL—TO—METAL SEAT AND DISC ARRANGEMENT. THE VALVE SEAT SHALL BE STAINLESS STEEL AND THE DISC DUCTILE IRON. THE VALVE SHALL BE SIMILAR TO MAXON CORPORATION SERIES SMM11, OR ASCO SERIES 8044

PLUMBING FIXTURE SCHEDULE									
TAG	SYMBOLS		PLUMBING CONNECTIONS				NOTES		
	PLAN FIXTURES	WASTE	VENT	COLD WATER	HOT WATER	NOTES REFER TO ARCHITECTURAL PLAN FOR PLUMBING FIXTURE SCHEDULE & FINISHES.			
P-1		WALL-MOUNTED LAV	1-1/2"	1-1/2"	1/2"	1/2"	SINK: AMERICAN STANDARD "COMRADE" WALL-MOUNT BATHROOM SINK MODEL 0214, VITREOUS CHINA, W OVERFLOW. FAUCET: AMERICAN STANDARD "PRINCETON" 2-HANDLE 4 INCH.		
P-2		WATER CLOSET FLOOR MOUNTED	4"	2"	1/2"	_	AMERICAN STANDARD COLONY ELONGATED 12" ROUGH TOILET, MANUAL FLUSH TANK, 1.6 GPF.		
P-3		HAND SINK — WALL MOUNT	1-1/2"	1-1/2"	1/2"	1/2"	SINK: KROWN METAL MODEL: HS-9-LF, 12"Wx17"Dx12"H O.A, 8"H BACKSPLASH, 5" DEEP BOWL. FAUCET: KROWN COMMERCIAL SERIES MODEL: 10-406L, SPLASH MOUNT, 6" SWING SPOUT, CHROME FINISH, LOW LEAD COMPLIANT., 2 GPM MAX.		
P-4	000	DOUBLE BOWL SINK	(2) 1-1/2"	1-1/2"	1/2"	1/2"	SINK: AMERICAN STANDARD PREVOIR 18 GAUGE STAINLESS STEEL 2—BOWL DROP IN WITH STAINLESS STEEL WASTE FITTING. FAUCET: AMERICAN STANDARD MONTEREY SERIES, TWO HANDLE, BOTTOM MOUNT FAUCET WITH SWIVEL SPOUT AND SPRAY, CAST BRASS LOW LEAD CONSTRUCTION.		
P-5		POT WASH SINK	(3) 3"	2"	1/2"	1/2"	SINK: L&J MANUFCATURING CUSTOM; 14"DEEP BOWLS, 18"/30" DRAINBAORD LEFT/RIGHT, 7"H BACKSPLASH. PROVIDE (3) T&S BRASS, MODEL B-3942, LEVER WASTE VALVE, 2" OUTLET. FAUCETS: (1) PRE-RINSE; T&S BRASS MODEL 5PR-8W12-C, 1.2 8" WALL MOUNT, CERAMIC CARTRIDGES, LEVER HANDLES, 44' FLEXIBLE HOSE, 1.2 GPM WITH 12" SWING NOZZLE ADD-ON. (1) T&S BRASS MODEL B-0231-WH4, 8" WALL MOUNT FAUCET, ETERNA CARTRIDGE, 4" WRISTS ACTION HANDLES, 12" SWING NOZZLE (062X) WALL MOUNT. PROVIDE INSTALLATION KIT MODEL B-0230-K.		
P-6		UNDERCOUNTER DISHWASHER	1-1/2"	_	_	1/2"	JACKSON WWS AVENGER LT, UNDERCOUNTER LOW TEMP, CHEMICAL SANITIZING, AUTOFILL PUMPS, 1.2 GAL PER RACK. 115/1/60 13.2A. PROVIDE CONNECTION AT SINK TAILPIECE FOR DISHWASHER DRAIN.		
P-7		REFRIGERATOR	_	_	_	_	BEVERAGE AIR, MODEL HR1W-1S.		
P-8		FREEZER	_	_	_	_	BEVERAGE AIR, MODEL HFP1W-1S.		
P-9		ICE MACHINE	1"	_	_	_	SCOTSMAN PRODIGY PLUS, MODEL CO330MA-1 AIR COOLED, SELF CONTAINED CONDENSER, 350 LB/24HR, 115V/1/60 14.3A. PROVIDE AP1-P AQUA-PATROL PLUS FILTRATION.		
P-10		GREASE TRAP	3"	_	_	_	WATTS MODEL WD-35 FLOOR MOUNTED EPOXY COATED STEEL WITH GASKETED EPOXY COATED COVER, REMOVABLE BAFFLE ASSEMBLY, AND TRAP WITH CLEANOUT. PROVIDE FLOW RESTRICTOR ON INLET.		

