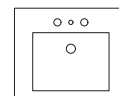

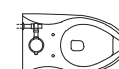





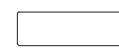
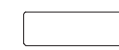






PLUMBING SCHEDULE								
TAG	SYMBOLS		FIXTURES	PLUMBING CONNECTIONS				DESCRIPTION
	PLAN	ELEVATION		WASTE	VENT	COLD WATER	HOT WATER	
P-1			LAVATORY	2"	1½"	¾"	¾"	KOHLER SOHO WALL-MOUNTED BATHROOM LAVATORY K-2084-L. FAUCET: ZURN Z6950-XL-S AND SHALL BE HARDWIRED - SOAP DISPENSER: Z6950-SD. REFER TO SPECIFICATIONS FOR ALL REQUIRED OPTIONS.
P-2			WATER CLOSET	4"	2"	1¼"	-	AMERICAN STANDARD MADERA FLOWISE TOILET MODEL 3043.001 WITH SELECTRONIC FLUSH VALVE MODEL 606B.121, 1.28 GPF. PROVIDE HARD WIRE AC TRANSFORMER. REFER TO SPECIFICATIONS FOR ALL REQUIRED OPTIONS.
NFWH			NON-FREEZE WALL HYDRANT	-	-	¾"	-	SMITH #5609QT - CAST BRASS, THREADED, NON_FREEZE, HEAVY-DUTY HYDRANT WITH NIKALOY BOX AND LOCKING COVER, BRASS OPERATING PARTS, 3/4" HPT HOSE OUTLET, 3/4" IPS OUTSIDE, ELBOW ADAPTER, "I" HANDLE KEY, AND INTEGRAL VACUUM BREAKER. PIPING SERVING NFWH TO BE ROUTED DOWN ON INTERIOR SIDE OF OUTER WALL INSULATION.
HB			HOSE BIB	-	-	¾"	-	IN FINISHED AREAS, WASHDOWN FAUCET SHALL BE POLISHED CHROME-PLATED WALL FAUCET WITH WALL FLANGE, ½" INLET, ½" HOSE THREAD OUTLET AND REMOVABLE LOOSE KEY T-HANDLE. CHICAGO #293-6 WITH #E27 VACUUM BREAKER OR ACCEPTABLE EQUIVALENT.
TD			TRENCH DRAIN	-	-	-	-	ZURN ZFV812-1/4-BG-DB DRAIN #2002 - 12" WDE REVEAL FIBER REINFORCED VINYLESTER CONTINUOUS 10'-0" TRENCH DRAIN SYSTEM, CLASS D (H-20) GALVANIZED DUCTILE IRON BAR GRATE, 4" NO-HUB OUTLET, AND DOME STRAINER. COORDINATE OUTLET LOCATION IN FIELD.
CODP			CLEANOUT DECKPLATE	-	-	-	-	FLOOR CLEANOUT WITH ADJUSTABLE HEAD, ANCHOR FLANGE, CUT-OFF SECTIONS AND ROUND TOP: ZURN #Z1400 OR APPROVED EQUAL. PROVIDE EXTRA HEAVY DUTY NON-TILT CAST IRON TOP.
TG-1			TRAP GUARD	-	-	-	-	GREEN DRAIN™ INLINE FLOOR DRAIN TRAP SEAL WITH UV RESISTANT ABS PLASTIC FRAME, SILICONE RUBBER SEALING FLAPPER, AND FOUR FLECIBLE SEALING RIBS. TESTED AND CERTIFIED TO THE ASSE 1072 STANDARD AND LISTED WITH IAPMO AND ICC. (PROVIDE AT ALL FLOOR DRAINS)

NOTES:  
1.) REFER TO SPECIFICATIONS FOR MOUNTING HEIGHTS.  
2.) REFER TO ARCHITECTURAL FLOOR PLANS FOR EXACT LOCATION.

[illegible]

## GENERAL NOTES

1. THE CONTRACT 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. ANY CHANGES TO PIPING AND EQUIPMENT LOCATIONS NECESSARY TO AVOID INTERFERENCE WITH OTHER TRADES SHALL BE MADE AT NO EXTRA COST.
2. THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING NEW YORK STATE PLUMBING AND BUILDING CODES, AND ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.
3. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
4. 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.
5. PROVIDE ALL PLUMBING FIXTURES, PIPING, VALVES AND ACCESSORY ITEMS AS SPECIFIED AND AS REQUIRED FOR A COMPLETE INSTALLATION. ROUGHING DIMENSIONS OF FIXTURES MUST BE COORDINATED WITH THE GENERAL CONTRACTOR.
6. PITCH ALL WASTE, SANITARY, AND STORM DRAIN PIPING AT MAXIMUM SLOPE POSSIBLE, BUT NOT LESS THAN 1/8" PER FOOT.
7. NO PIPING SHALL RUN EXPOSED IN TOILET ROOM.
8. PROVIDE DIELECTRIC FITTINGS OR COUPLINGS FOR DISSIMILAR METALS.
9. PROVIDE SHUTOFF VALVES AT ALL FIXTURES AND EQUIPMENT ON COLD WATER, HOT WATER, AND GAS SUPPLY PIPES.
10. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, AND 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. FOR PIPES PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH FIRE STOPPING MATERIAL. PENETRATIONS FOR PIPING SHALL BE MADE BY CORE DRILLING WHENEVER POSSIBLE. SLEEVE FOR SERVICE PIPE SHALL BE TWO (2) TIMES THE DIAMETER OF THE SERVICE PIPE.
12. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, CORE DRILLING, PAINTING, ACCESS PANELS, AND FINAL RESTORATION REQUIRED TO FACILITATE THE INSTALLATION OF PLUMBING PIPING, INCLUDING ABOVE CEILINGS AND IN SHAFTS THAT WILL NOT BE REPLACED OR OPENED UNDER ANY OTHER SCOPE OF WORK RELATED TO THIS PROJECT. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH SHAFTS AND WALLS, AS REQUIRED TO EXECUTE THE PLUMBING WORK.
13. ALL MOTOR STARTERS AND DISCONNECT SWITCHES FOR PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. DISCONNECT SWITCHES FURNISHED BY THE PLUMBING CONTRACTOR FOR PLUMBING EQUIPMENT SHALL BE HEAVY DUTY TYPE.
14. THIS CONTRACTOR IS RESPONSIBLE FOR ALL PLUMBING FIXTURES AND DISTRIBUTION SYSTEMS, INCLUDING ALL ROUGH-INS AND FINAL CONNECTIONS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY VENTILATION AND EXHAUST AIR WHEN WELDING OR SOLDERING OPERATIONS ARE PERFORMED, AS REQUIRED BY OSHA.
16. PROVIDE PVC PROTECTIVE COVER FOR ALL PIPING INSULATION BELOW 10'-0" AFF.
17. THE CONTRACTORS SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPOSITE SHOP DRAWING, FULLY COORDINATED WITH ALL OTHER TRADES INDICATING ALL DUCTWORK, MECHANICAL EQUIPMENT, PIPING, ELECTRICAL EQUIPMENT, PLUMBING PIPING AND EQUIPMENT, LIGHTS, CONDUITS, DIFFUSERS, GRILLES AND FIRE ALARM DEVICES.

## EQUIPMENT NOTES

1. PROTECTIVE SHIELDING GUARDS: WHEREVER PIPING IS EXPOSED BELOW SINKS AND LAVATORIES, PROVIDE MANUFACTURED PLASTIC ENCLOSURES BY TRUEBORG FOR COVERING PLUMBING FIXTURE HOT AND COLD WATER SUPPLIES AND TRAP AND DRAIN PIPING. COMPLY WITH AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.
2. WATER HAMMER ARRESTORS: ZURN INDUSTRIES SHOKTROL SERIES. STAINLESS STEEL CONSTRUCTION, BELLOWS TYPE SIZED IN ACCORDANCE WITH PDI WH-201, PRE-CHARGED SUITABLE FOR OPERATION IN TEMPERATURE RANGE 34 TO 250 DEGREES F AND MAXIMUM 150 PSI WORKING PRESSURE.
3. POINT OF USE ELECTRIC TANKLESS HOT WATER HEATER (FWH-1): SHALL BE EEMAX "SINGLE POINT" MODEL SP-3512, 120V/1Ø/60HZ, 3.5kW, 29 AMPS, U.L. LISTED, TO HEAT 0.5 GPM @ A TEMPERATURE RISE OF 48F. UNIT SHALL HAVE ABS-UL RATED COVER. ELEMENT SHALL BE REPLACEABLE CARTRIDGE INSERT. UNIT SHALL HAVE A REPLACEABLE FILTER IN THE INLET CONNECTOR AND A FLOW REGULATOR IN THE OUTLET CONNECTOR. ELEMENT SHALL BE IRON FREE, NICKEL CHROME MATERIAL. HEATER SHALL BE FITTED WITH 3/8" COMPRESSION NUTS AND SLEEVES. HEATER SHALL BE INSTALLED WITH WATER CONNECTIONS ON TOP ONLY. DISCONNECT SWITCH SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
4. OIL-WATER SEPARATOR: BASED ON HIGHLAND TANK MODEL HTC-2000. SERIES-G DOUBLE WALL OIL/WATER SEPARATOR WITH INTEGRAL SAND INTERCEPTOR COMPARTMENT, CORELLA COALESCER PLATE SYSTEM AND HIGH GUARD PROTECTION SYSTEM. UNIT SHALL HAVE A TOTAL VOLUME OF 2000 GAL AND A MAXIMUM FLOW RATE OF 200 GAL/MIN. A HIGHLAND TANK ALARM PANEL SHALL BE PROVIDED IN THE BUILDING CAPABLE OF HIGH OIL (VISUAL ALARM), HIGH-HIGH OIL (AUDIBLE AND VISUAL ALARM), AND LEAK DETECTION (AUDIBLE AND VISUAL ALARM). UNIT REQUIRES A 120V/1PH/60HZ POWER CONNECTION WITH ~1 AMP. REFER TO DETAIL ON P-701 INSTALLATION AND SPECIFICATIONS FOR FULL INFORMATION.

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