LEGEND

- DOMESTIC HOT WATER PIPING
- DOMESTIC COLD WATER PIPING
- SANITARY VENT PIPING
- SANITARY SEWER PIPING
- STORM SEWER PIPING
- RISE IN PIPING
- DROP IN PIPING
- NEW WORK AS SHOWN HEAVY LINE
- CONNECTING POINT BETWEEN NEW PIPING AND EXISTING PIPING
- FLOW SWITCH
- PRESSURE GAUGE
- UNION
- EXISTING PIPING AS SHOWN LIGHT DASHED
- EXISTING PIPING TO BE REMOVED
- INTERFACING POINT BETWEEN EXISTING PIPING TO REMAIN AND EXISTING PIPING TO BE REMOVED

PLUMBING GENERAL NOTES

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS (DO NOT SCALE FOR LOCATIONS). IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS. THE CONTRACTOR SHALL CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL SIZES, MATERIALS, AND TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT.

2. THIS PROJECT IS A RENOVATION OF AN EXISTING FACILITY, AND PREVIOUS RECORD DRAWINGS FORM THE BASIS FOR MANY OF THESE DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR PURCHASE OF MATERIALS AND ASSEMBLIES. THERE MAY EXIST FIELD CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON THESE DRAWINGS. ANY SUCH DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE FAA CONTRACTING OFFICER REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH ANY CONSTRUCTION, FABRICATION, OR MATERIAL/EQUIPMENT PURCHASE WHICH WOULD BE UNUSABLE UNDER THOSE CIRCUMSTANCES.

3. EQUIPMENT SIZES SHOWN ARE BASED UPON TYPICAL MANUFACTURER EQUIPMENT AVAILABLE. SHOP DRAWINGS SHALL BE PROVIDED FOR REVIEW AND APPROVAL SHOWING SPACE FOR ACCESS, EGRESS, MAINTENANCE, AND REQUIRED CODE CLEARANCES PRIOR TO ANY PROCUREMENT, FABRICATION, OR INSTALLATION.

4. COORDINATE THE VOLTAGE AND PHASE OF EACH PIECE OF EQUIPMENT WITH ELECTRICAL CONTRACT DOCUMENTS PRIOR TO ORDERING. PROVIDE WRITTEN VERIFICATION OF COORDINATION WITH ELECTRICAL CONTRACT DOCUMENTS PRIOR TO INSTALLATION OF EQUIPMENT.

5. COORDINATE PIPING WITH DUCTWORK, ELECTRICAL, STRUCTURAL, AND FIRE PROTECTION. MAKE OFFSETS AND TRANSITIONS TO COORDINATE WITH OTHER TRADES WITHOUT ADDITIONAL EXPENSE TO THE GOVERNMENT. DO NOT CUT STRUCTURE.

6. FOR DRAINAGE PIPING SMALLER THAN 3", SLOPE DRAINAGE PIPING AT MINIMUM 1/4" PER FOOT IN DIRECTION OF FLOW, FOR DRAINAGE PIPING AT LEAST 3" IN SIZE AND LESS THAN OR EQUAL TO 6" IN SIZE, SLOPE PIPING AT 1/8" PER FOOT IN DIRECTION OF FLOW.

7. ALL HARDWARE, INCLUDING CLAMPS, BOLTS, NUTS, WASHERS, STRUTS, ANCHOR BOLTS, ANGLES, ETC., USED TO SUPPORT OR INSTALL ANY EXTERIOR EQUIPMENT, PIPE, CONDUIT, OR OTHER DEVICE SHALL BE STAINLESS STEEL AISI 304 OR AISI 316.

8. PROVIDE APPROPRIATE BACKFLOW PREVENTING DEVICE IN LOCATIONS WHERE POSSIBILITY OF BACK-SIPHONAGE EXISTS.

9. DO NOT ROUTE PIPING ABOVE ELECTRICAL, COMMUNICATIONS, DATA EQUIPMENT, OR ELECTRICAL PANELS.

10. PROVIDE INSULATION FOR ALL DOMESTIC PIPING AND STORM DRAIN PIPING IN CEILINGS PER SPECIFICATIONS.

1 11. TEST DRINKING WATER AFTER COMPLETION OF PLUMBING WORK IN ACCORDANCE WITH SPECIFICATIONS.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

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1	08/05/2020	ISSUE FOR CONSTRUCTION			

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

FORT LAUDERDALE AIRPORT TRAFFIC CONTROL TOWER
MAJOR IMPROVEMENTS
PLUMBING
SYMBOLS AND GENERAL NOTES

FT LAUDERDALE (INTERNATIONAL) FL

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