

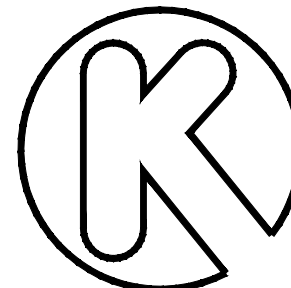
P2.0-CS



GENERAL NOTES	KEYED NOTES	ROOF DRAIN CALCULATIONS
<p>A. PROVIDE HEAT TAPE ON ROOF DRAIN AND OVERFLOW DRAINS AND CONDENSATE DRAIN LINE PIPING LOCATED IN FREEZER.</p> <p>B. PROVIDE CLEAN-OUTS ON ALL HORIZONTAL DRAINS. CLEAN-OUTS CAN BE OMITTED ON DRAIN LINES LESS WHICH ARE LESS THAN 5'-0" UNLESS IT SERVES A SINK OR URINAL.</p> <p>C. SLOPE ALL SEWER AND WASTE LINES @ 1/4" PER FOOT.</p> <p>D. AVOID COLUMNS AND WALL FOOTING FOUNDATION.</p> <p>E. REFER TO WASTE AND VENT SCHEMATIC ON SHEET P3.0 FOR WASTE AND VENT PIPE SIZING.</p> <p>F. ROOF DRAINS AND OVERFLOW DRAINS WERE SIZED BASED ON 4.6" RAINFALL PER HOUR AND REFER TO SHEET ARCHITECTURAL SHEETS FOR ROOF DRAIN AND OVERFLOW DRAIN DETAIL.</p> <p>G. UNDERGROUND SEWER LINE TO AVOID COLUMN FOOTING.</p>	<p>① 4" RD & OFD - 2,250 SF. SLOPE HORIZONTAL. ROOF DRAIN AND OVERFLOW DRAIN LEADERS @ 1/4" PER FT. SEE ROOF DRAIN DETAILS A1 & A3/A5.0.</p> <p>② PROVIDE INDIRECT DRAIN TO FLOOR SINK FROM EACH SINK. PROVIDE FLOW CONTROL DEVICE FOR EACH DRAIN LINE.</p> <p>③ FULL SIZE WATER HEATER T&P RELIEF DRAIN LINE TO DISCHARGE INTO MOP SINK. TURN IN A DOWNWARD POSITION AND PROVIDE APPROVED AIR BREAK.</p> <p>④ PROVIDE HUB DRAIN IN WALL WITH ACCESS PANEL FOR WATER DISPENSER INDIRECT DRAIN.</p> <p>⑤ ROUTE FLOOR SINK SERVING 3-COMPARTMENT SINK TO GREASE TRAP.</p> <p>⑥ ROUTE DRAIN INDIRECT FROM RPZ BACKFLOW PREVENTER TO FLOOR SINK ADJACENT TO 3 COMPARTMENT SINK. SLOPE 1/4" PER FOOT.</p>	<p>DRAINAGE AREA PER ROOF DRAIN = 2,250 SQ. FT. 100 YEAR RAIN FALL RATE = 4.6" PER HOUR HORIZONTAL STORM DRAIN PIPING SLOPE = 1/4" PER FT. PER TABLE 11-1 OF THE 2006 U.P.C. HORIZONTAL PIPING = 4"</p>

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