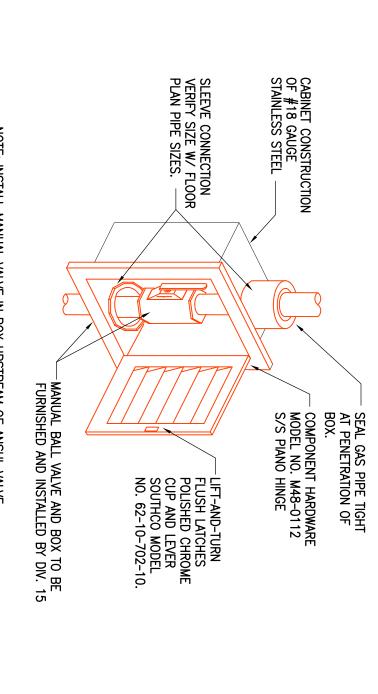
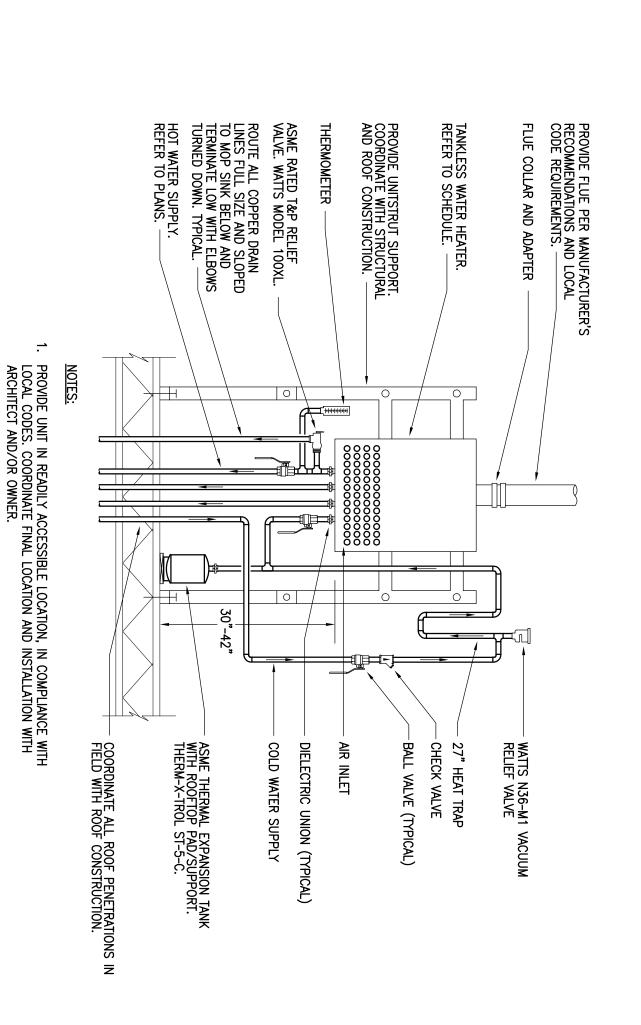


10 ELEVATOR PIT SUMP PUMP (SP-1) SCALE: NONE

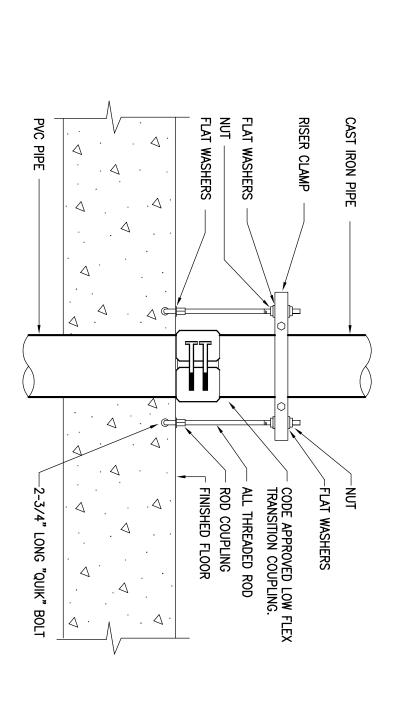


9 KITCHEN MANUAL SCALE: NONE <u>NOTE</u>: INSTALL MANUAL VALVE IN BOX UPSTREAM OF ANSUL VALVE. VALVE вох



WATER HEATER **TYPICAL** WATI ER PIPING

PROVIDE 1." PIPE INSULATION HAVING A CONDUCTIVITY NOT EXCEEDING 0.28 BTU PER INCH/HR \times S.F. \times "F on all domestic water piping. Provide Jacketing for all exposed piping.



HUB JOINT -

FINISHED FLOOR

PRO-SET SYSTEMS TRAP GUARD SHOWN IN CLOSED POSITION

DEEP SEAL "P"

TRAP.

SUPPORT AT

ISSUE 11-30-10

ISSUED FOR PERMIT

130/2010

NOTES:

1. TRAP GUARD SHALL BE FACTORY FITTED TO MATCH EACH FLOOR DRAIN (AND FLOOR SINK) BY SIZE, MODEL, AND MANUFACTURER.

2. FLOOR SINK/HUB DRAIN TRAP GUARD INSTALLATION IS SIMILAR.

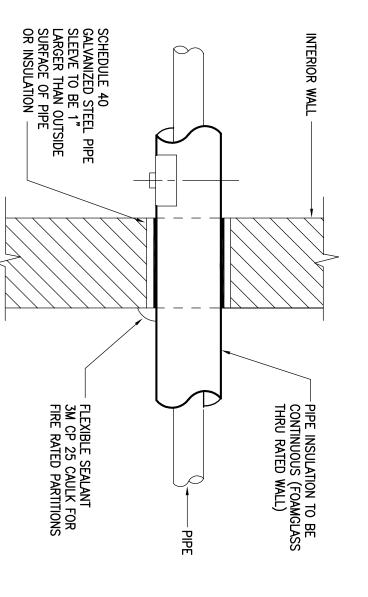
3. INSTALLATION OF TRAP GUARD TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

4. INSERT TRAP GUARD ONLY AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS TITE SEAL, FOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.

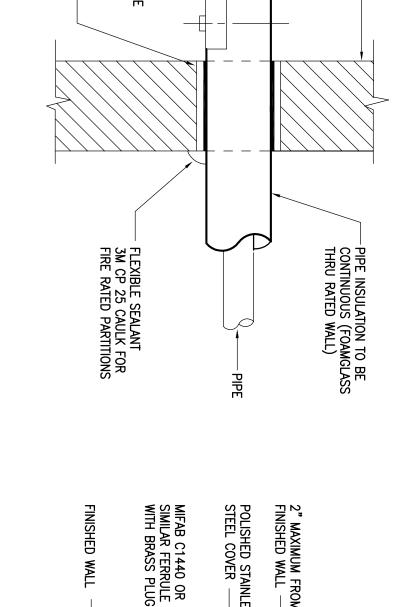
<u>NOTE:</u> THERE IS TO BE NO EXPOSED PVC ABOVE SLAB.

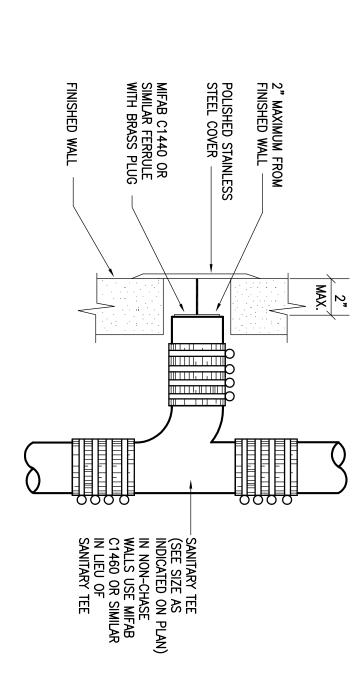


FLOOR DRAIN WITH TRAP SEAL PROTECTION
SCALE: NONE



တ INTERIOR WALL PENETRATION





SCALE: NONE CLEANOUT

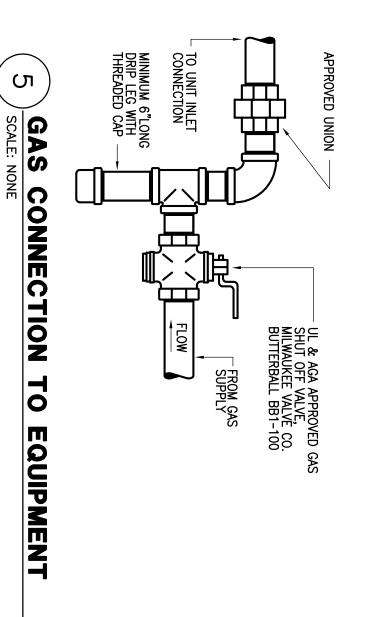
CONSULTANTS

HARRELL

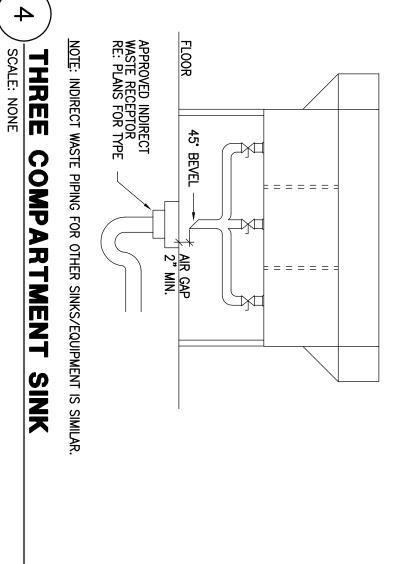
ARCHITECTS, LP

9575 Katy Frwy., #200 Houston, Texas 77024 tel: 713.722.7071 fax: 713.722.7072

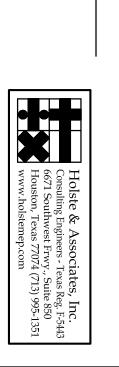
HOLSTE & ASSOCIATES MEP Engineers



APPROVED INDIRECT WASTE RECEPTOR RE: PLANS FOR TYPE FLOOR NOTE: INDIRECT WASTE PIPING FOR OTHER SINKS/EQUIPMENT IS SIMILAR. 45° BEVEL AIR GAP 2" MIN.



NOMINAL SIZE PIPE 1/2" & 3/4"
1" - 2-1/2"
3" - 4"
6" GALVANIZED IRON-SHEET SHIELD MINIMUM DIMENSIONS OF GALVANIZED SHEETMETAL PROTECTION SHIELDS AT PIPE HANGERS HANGER RODS SHIELD LENGTH MIN. (IN.) 12 12 12 - PROVIDE A SECTION OF HIGH COMPRESSION STRENGTH INSULATION AT EACH HANGER POINT. INSULATION MAY BE HALF ROUND OR FULL ROUND AND EXTEND 2" BEYOND GALV. SHIELD EACH WAY. INSULATION



HANGER FOR WATER PIPING
SCALE: NONE

UNISTRUT CHANNEL

GUADALUPANA RESTAURANT

PROJECT NAME

20 WATERWAY THE WOODLANDS, TEXAS PROJECT ADDRESS

SHEET NAME PROJECT NUMBER **PLUMBING DETAILS**