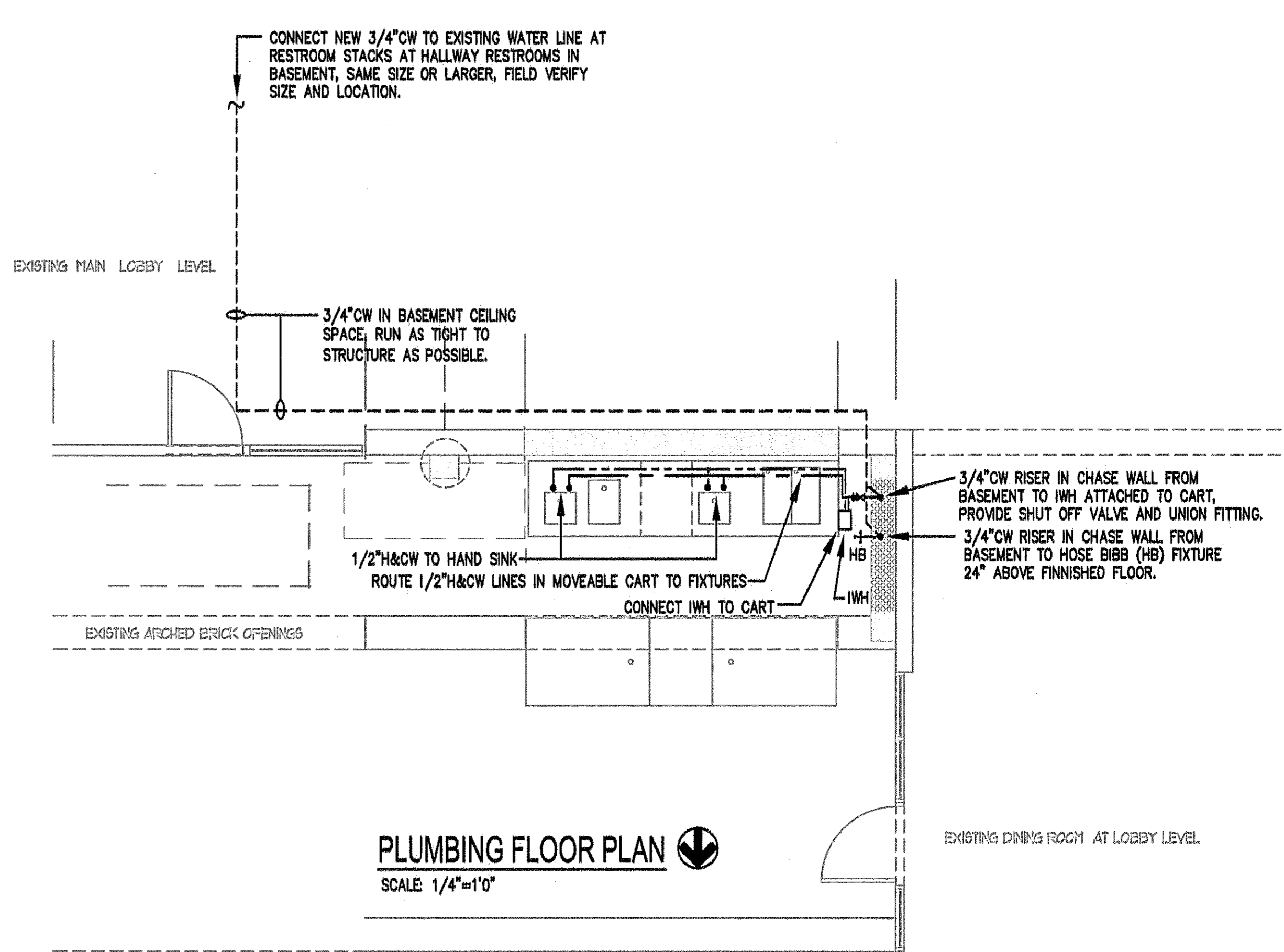
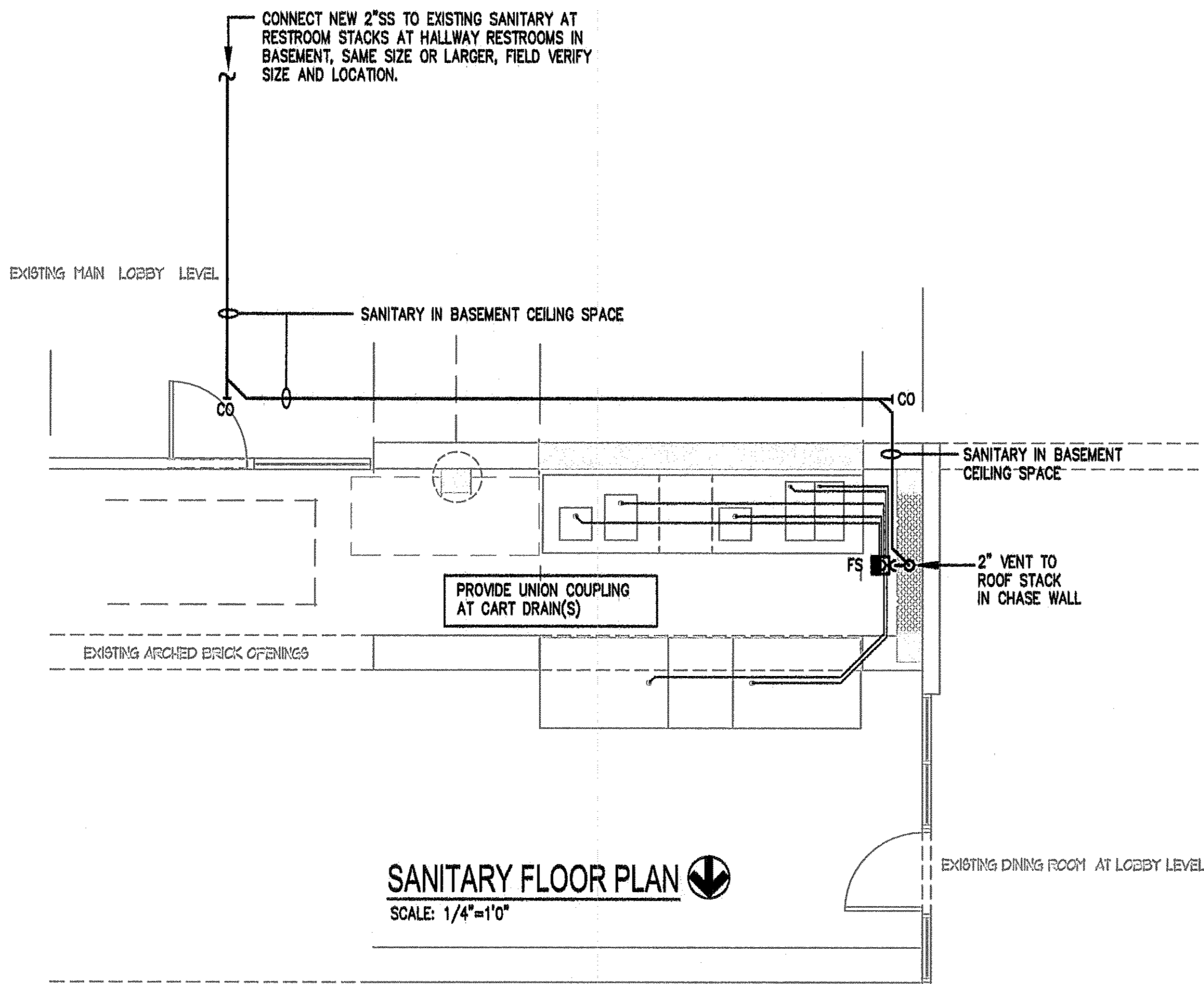


PLUMBING/PIPING NOTES

- COORDINATE ALL PIPE ROUTING WITH ALL OTHER TRADES PRIOR TO INSTALLATION. ROUTE ALL PIPING TO AVOID DUCTWORK, ELECTRICAL RACEWAYS AND BUILDING STRUCTURE. IF PENETRATIONS THROUGH STRUCTURAL MEMBERS ARE REQUIRED FOR PLUMBING INSTALLATIONS, NOTIFY STRUCTURAL ENGINEER PRIOR TO INSTALLATION TO INSURE THAT STRUCTURAL INTEGRITY IS MAINTAINED.
- ROUTE ALL PIPING CONCEALED ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT AS SPECIFICALLY NOTED.
- PIPE ROUTING IS DIAGRAMMATIC AND IS INTENDED TO INDICATE GENERAL ROUTING. PLUMBING CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AS ENCOUNTERED IN FIELD.
- ALL PLUMBING INSTALLATIONS AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH FLORIDA PLUMBING CODE 2004 AND ADA STANDARDS.
- PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON-ACCESSIBLE CEILINGS.
- DRAINAGE PIPING 3" AND LARGER SHALL SLOPE NO LESS THAN 1/8" FALL PER FOOT. PIPING LESS THAN 3" SHALL SLOPE A MINIMUM OF 1/4" PER FOOT.
- VERIFY INVERT ELEVATIONS AND EXACT LOCATIONS AND SIZES OF ALL UTILITIES WHICH ARE TO BE CONNECTED BEFORE INSTALLATION.
- ALL VENTS THROUGH ROOF SHALL BE MINIMUM 10'-0" FROM AIR INTAKES.
- PLUMBING CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS OF DISSIMILAR MATERIALS.
- INSTALL ISOLATION VALVES AT EACH DOMESTIC WATER BRANCH TAKEOFF AND INSTALL UNION AT EACH PIECE OF EQUIPMENT, FIXTURE AND APPLIANCE SERVICE POINT CONNECTION.
- INSTALL PRESSURE REDUCING VALVES ON BRANCH LINES SERVING FIXTURES AND/OR EQUIPMENT, WHEN WATER PRESSURE EXCEEDS 80 PSI.
- WASTE, TRAP AND VENT SIZES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES.
- ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS.
- SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 PVC. ALL MATERIALS AND INSTALLATION PRACTICES SHALL BE IN STRICT ACCORDANCE WITH THE LATEST APPLICABLE STATE AND LOCAL CODES.
- DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER, SANITIZE ALL PIPING SYSTEMS PER CODE. CONTRACTOR SHALL PROVIDE ALTERNATE PRICING FOR "FLOUGARD GOLD" CPVC DOMESTIC WATER PIPING WITH SOLVENT WELDED FITTINGS.
- SUPPORT ALL PIPING SYSTEMS IN ACCORDANCE WITH APPLICABLE CODES AND WITH INDUSTRY STANDARDS FOR HANGER AND WALL MOUNTED SUPPORT SYSTEMS.
- ALL COPPER PIPE PENETRATIONS THROUGH CONCRETE FLOORS SHALL BE INSTALLED WITH SLEEVE THROUGH FLOOR. 3M FIRECAULK SPACE BETWEEN PIPE AND SLEEVE.
- CONTRACTOR REVIEW ARCHITECTURAL SHEETS FOR LOCATIONS OF FIRE RATED WALLS, FLOORS AND CHASES. TRANSITION PVC PIPE TO CAST IRON DWV AT FIRE RATED WALL PENETRATIONS AND 3M FIRECAULK PENETRATION FROM BOTH SIDES OF WALL. COPPER PIPE PENETRATIONS OF FIRE RATED WALLS SHALL BE SEALED FROM BOTH SIDES OF WALL USING 3M FIRECAULK.
- CONTRACTOR SHALL REUSE EXISTING PLUMBING SYSTEMS AS POSSIBLE. CAP PLUMBING SYSTEMS NOT BEING REUSED. CLEAN INTERIOR OF ALL SANITARY PIPING SYSTEMS BEING REUSED.
- INSULATE ALL HOT WATER PIPING SYSTEMS WITH MINIMUM 1" THICK R=8.8 CLOSED CELL FOAM INSULATION. ARMAFLEX, IMCOA, OR EQUAL.
- ROOF DRAIN PIPING SHALL BE SCHEDULE 40 PVC. ALL MATERIALS AND INSTALLATION PRACTICES SHALL BE IN STRICT ACCORDANCE WITH THE LATEST APPLICABLE STATE AND LOCAL CODES. RAINWATER LEADERS ARE TO BE RAN IN BAR JOIST WHERE POSSIBLE.



PLUMBING FIXTURE SCHEDULE

ALL PLUMBING FIXTURES ARE BASIS OF DESIGN. SUBSTITUTIONS OF "EQUAL" EQUIPMENT MAY BE SUBMITTED FOR APPROVAL. ALL PLUMBING FIXTURES TO BE WHITE UNLESS NOTED. REFER TO ARCHITECTURAL SHEETS FOR MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES.

IWH: INSTANT WATER HEATER: "CHROMONITE: MODEL SR15L 1800 WATTS, 120V 15 AMP BREAKER.

HB: HOSE BIBB: 3/4" "WOODFORD" OR EQUAL WITH VACUUM BREAKER.

FS: FLOOR SINK: "ZURN" Z-1910 8"x8"x6" DEEP FLOOR SINK WITH HALF GRATE. EACH FLOOR SINK TRAP SEAL SHALL BE PROTECTED BY AN APPROVED TRAP PRIMER LOCATED AT THE CLOSEST FREQUENTLY USED FIXTURE

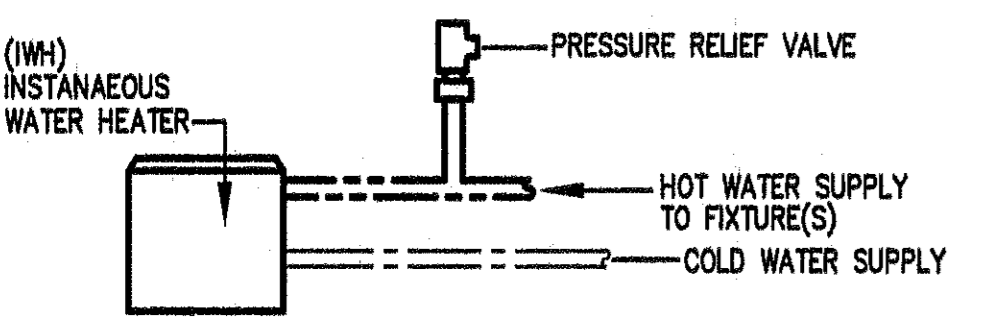
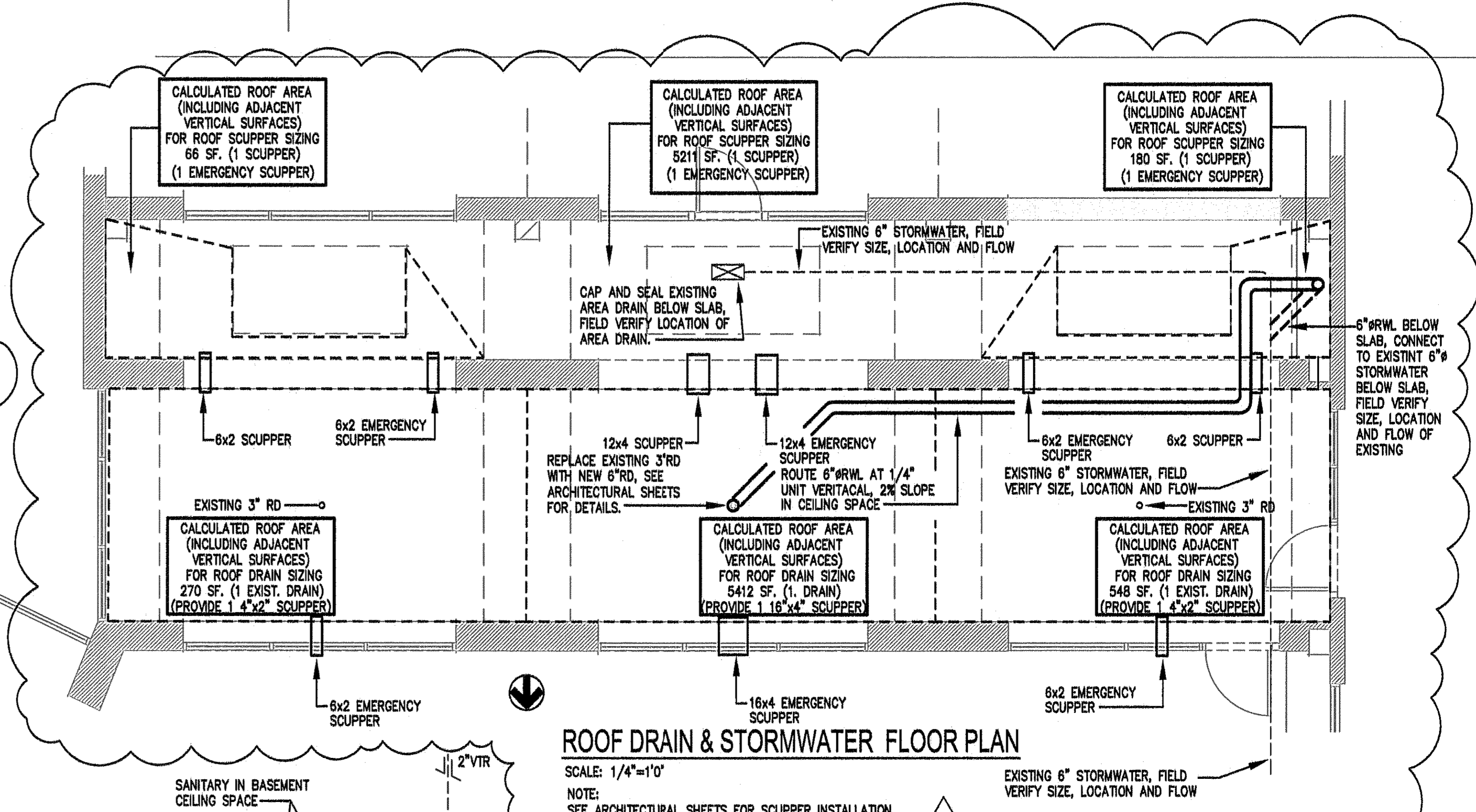
RD: PRIMARY ROOF DRAIN: "ZURN" Z-100 TO MATCH ROOF TYPE SIZED TO MATCH CONNECTING RWL PIPE SIZE INDICATED ON PLAN.

FLOOR ACCESS COVER: "ZURN" Z-1400 ROUND WITH SCORIATED NICKEL BRONZE TYPE COVER SUITABLE FOR OUTDOOR INSTALLATIONS. PROVIDE COVER SUITABLE FOR CARPET OR TILE INSERT FOR INDOOR INSTALLATIONS.

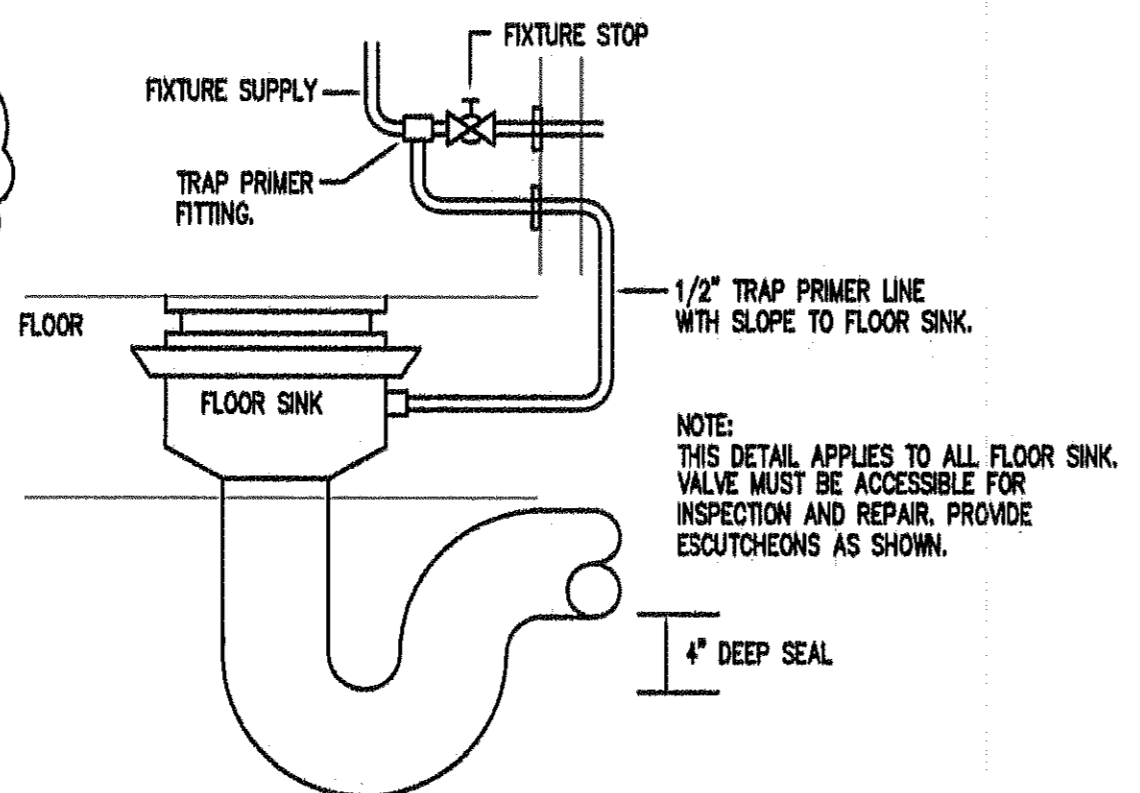
WALL ACCESS COVER: "ZURN" Z-1469 ROUND STAINLESS STEEL TYPE.

PROVIDE AND INSTALL WATER HAMMER ARRESTOR "ZURN" MODEL Z-1700 SIZED AS REQUIRED BY THE TABLE BELOW. INSTALL PER MANUFACTURER'S RECOMMENDATIONS IN LOCATIONS AS RECOMMENDED BY P.D.I. STANDARDS.

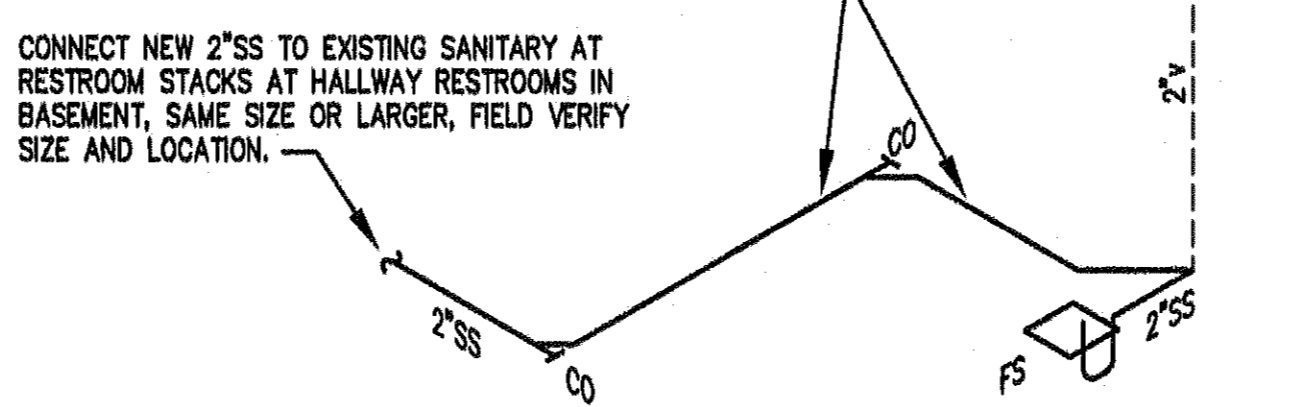
P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330



INSTANTANEOUS WATER HEATER (IWH) DETAIL
NOT TO SCALE



TRAP PRIMER RESEAL DETAIL
NOT TO SCALE



SANITARY, WASTE & VENT ISOMETRIC
NOT TO SCALE

FORM WORKS ARCHITECTURE AR-10820
P.O. BOX 540344 407-472-1999 FAX 407-472-5545
ORLANDO, FL 32854-0344 SHEPHERD@FORMWORKS.COM

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REV. 02/08

project 50070-14C
DRAWN J EIERMANN
DATE JULY 27, 2008

P1
SHEET