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ARCHITECTURE

ENGINEERING

STUDIES

PLANNING

INVESTIGATION

EXPERT WITNESS

RAIN FOREST
CARWASH

3017
PONTCHARTRAIN
DRIVE
SLIDELL, LA
70458

MECHANICAL
& PLUMBING
PLANS, NOTES, &
PLUMBING RISER

REV:

SCALE: AS NOTED

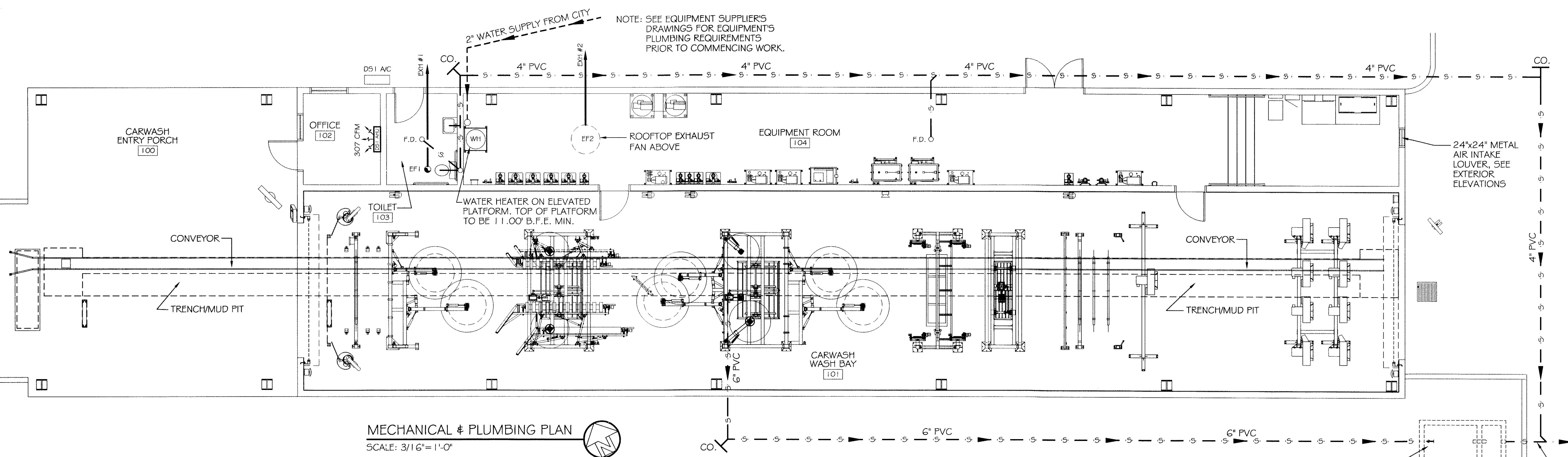
JOB#: 2085

DATE: 01-17-11

SHEET 22

MP-1

OF 25

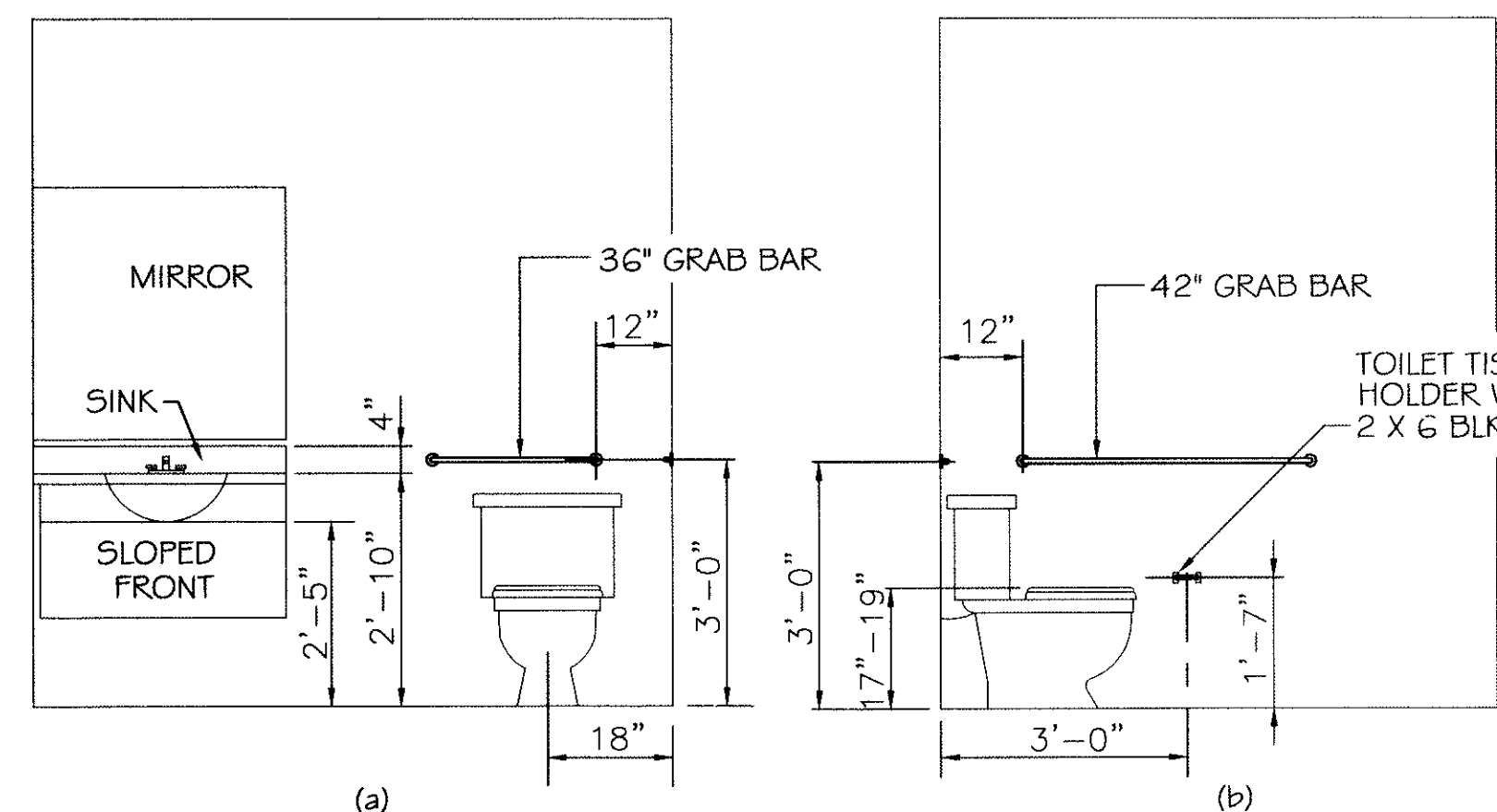


MECHANICAL & PLUMBING PLAN
SCALE: 3/16" = 1'-0"

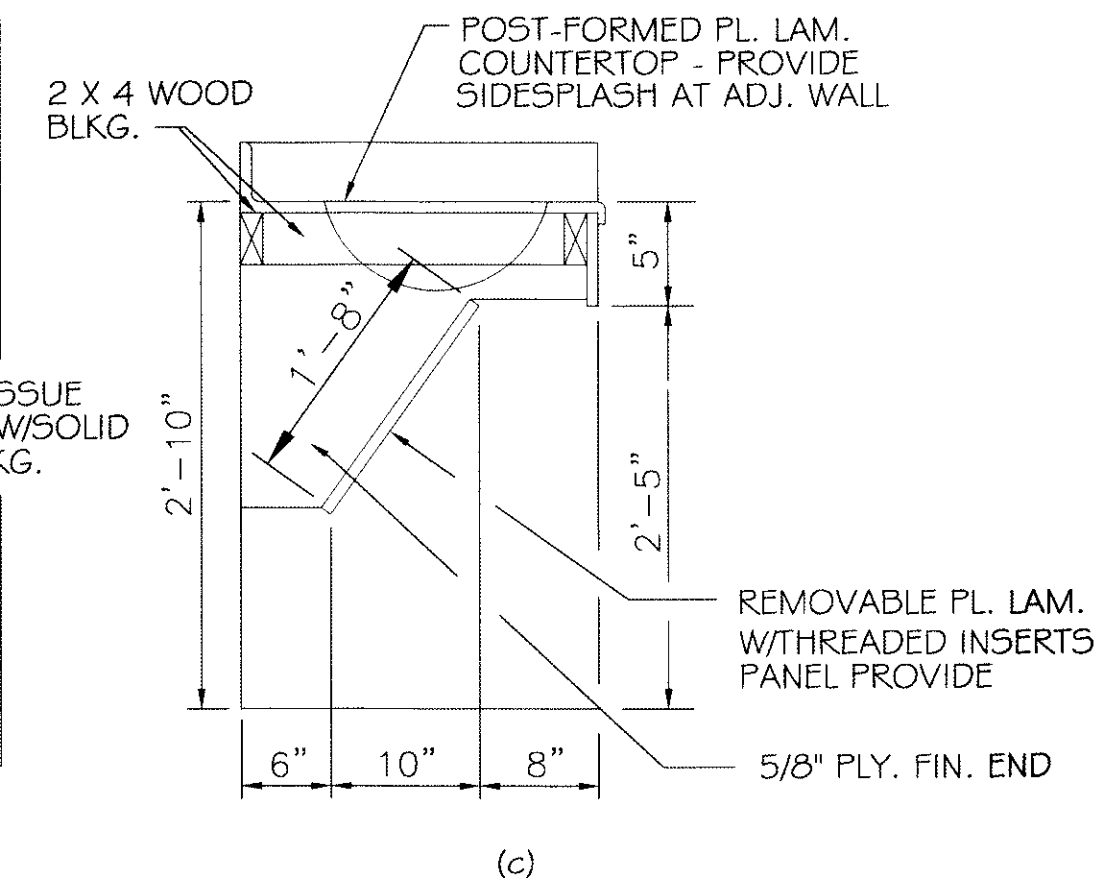
SPLIT-DUCTLESS A/C & HEATPUMP UNIT SCHEDULE							
NO.	TOTAL BTU	CFM	INDOOR MOUNTING	ELECTRICAL		COMMENTS	
				VOLTAGE	MCA	CKT BRKR	
D5-1	9000	307	WALL	208V, 1Ø	13	PNL1-26,28	MR. 5LIM (MITSUBISHI) (VERIFY WITH OWNER)

EXHAUST FAN SCHEDULE					
NO.	LOCATION	CFM	VOLTAGE	TYPE	MANF.
EF1	RESTROOM	125	120	VENT	BROAN
EF2	ROOF TOP	9843	120	FAN	GREENHECK

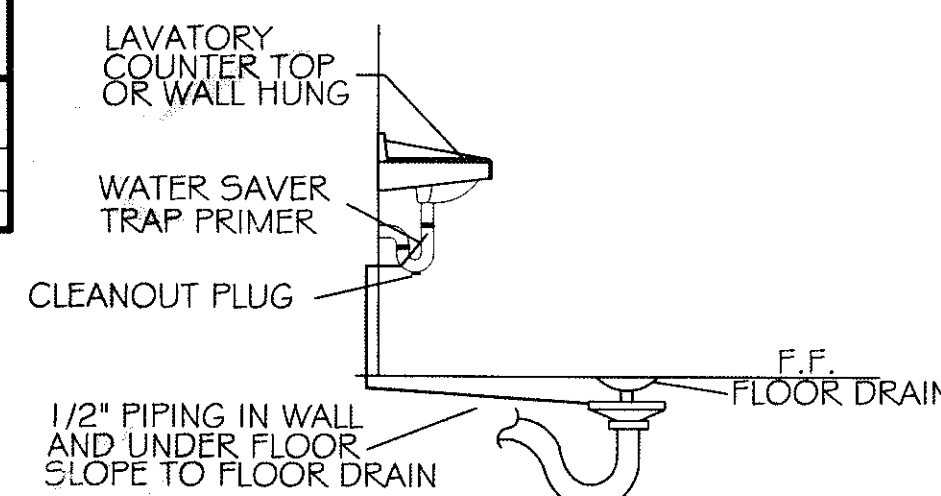
NOTE: EF2 TO BE GREENHECK MODEL NO. RCE3-36-606-C7,
3/4 H.P. DIRECT DRIVE EXHAUST FAN



LAVATORY & WATER CLOSET CLEARANCES
N.T.S.



FLOOR DRAIN DETAIL
N.T.S.



WALL CLEANOUT DETAIL
N.T.S.

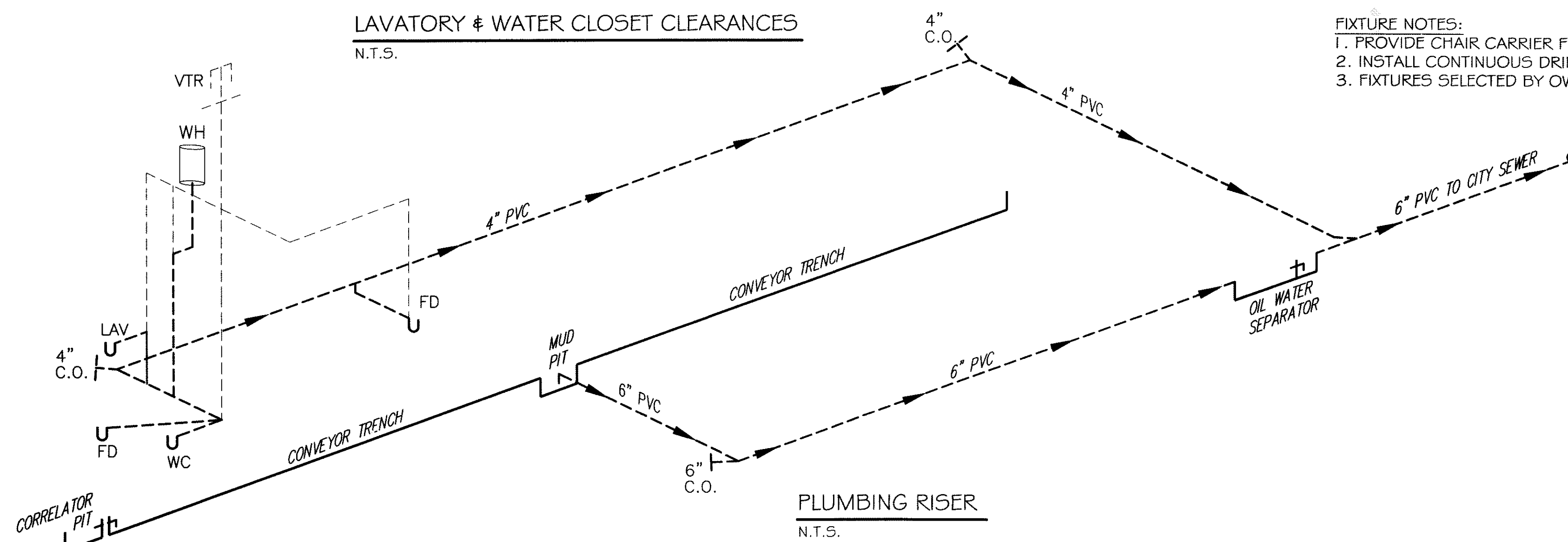
PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---S---S---S---S---	SANITARY SEWER
----	COLD WATER
- - - -	CLEAN OUT
F.D.	FLOOR DRAIN
H.B.	HOSE BIB

NOTE: ALL PLUMBING LINES ARE SHOWN DIAGRAMATIC.

- FIXTURE NOTES:
1. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURES.
 2. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 3. FIXTURES SELECTED BY OWNER.

PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO COLUMN. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL, CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
4. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
5. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINE 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL SYSTEM, MECHANICAL SYSTEM AND ELECTRICAL TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
8. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
9. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
10. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
11. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPING USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
12. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
13. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
14. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
15. ALL PLUMBING LINES SHOWN ARE DIAGRAMATIC.



PLUMBING RISER
N.T.S.

392868
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO
William D. Jones