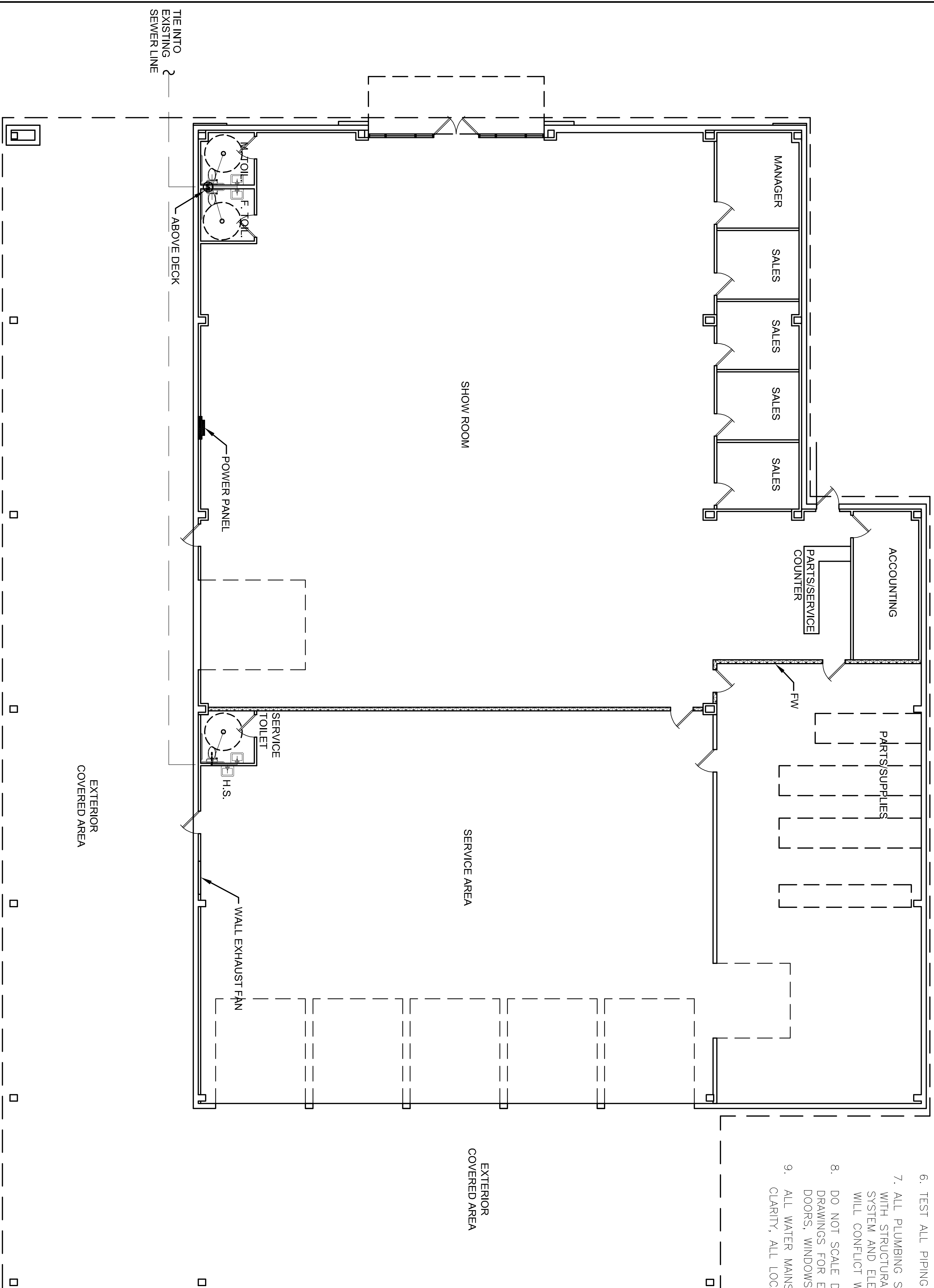


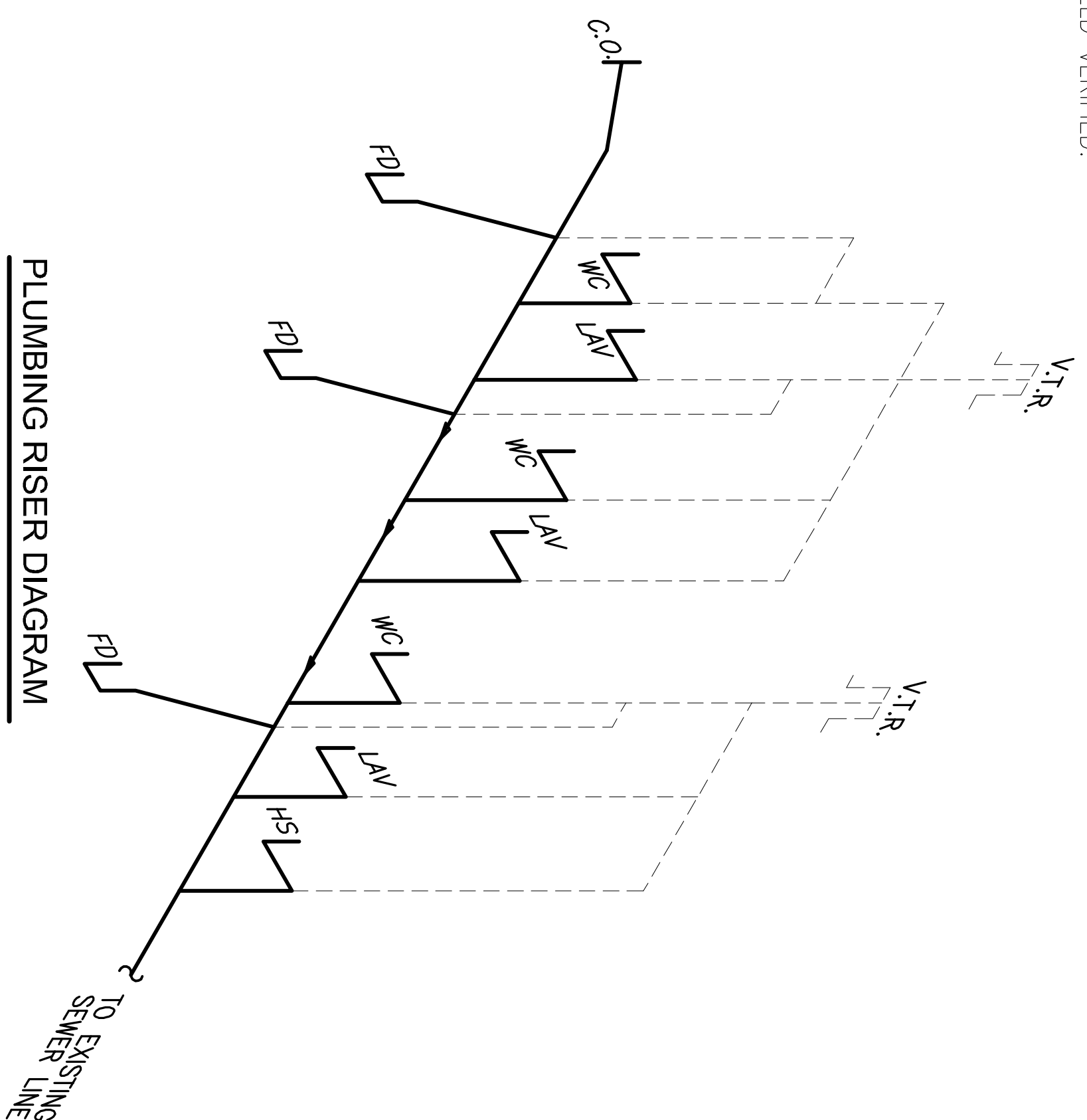
TYPICAL FLOOR SINK WITH FLOOR DRAIN DETAIL  
N.T.S.



PLUMBING PLAN  
SCALE: 1/8"=1'-0"

**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 VOLUME 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 LINES 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 & PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE GAUQUED. (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 DRAWN DIAGRAMMATIC.



PLUMBING RISER DIAGRAM  
N.T.S.

PLUMBING FIXTURE SCHEDULE				
MARK	DESCRIPTION	TYPE	ROUGH-IN SIZES WASTEWATER CW HW	NOTES
WC	H.C. WATER CLOSET	VALVE	4" 4"	3
LAV	H.C. LAVATORY	WALL HUNG	2" 1/2" 1/2"	1, 2, 3
F.D.	FLOOR DRAIN	-	2" -	4
HS	HAND SINK	-	2" 1/2" 1/2"	-
HWH	HOT WATER HEATER DRAIN	-	2" 2"	-

- NOTES:**
1. INSULATE PIPING FOR HANDICAP FIXTURE.
  2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
  3. H.C. - HANDICAP FIXTURE.
  4. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.

**PLUMBING PLAN**

NORTHLAKE MARINE  
SHOWROOM & SERVICE BLDG  
111 W. HALL AVE. SLIDELL, LA

NORTHLAKE MARINE

**DAMMON ENGINEERING, INC.**  
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458  
DAMMONENGINEERING.COM

SCALE: AS NOTED

FILE:

JOB NO. 1837

DATE: 2-12-07

SHEET

P-1

OF