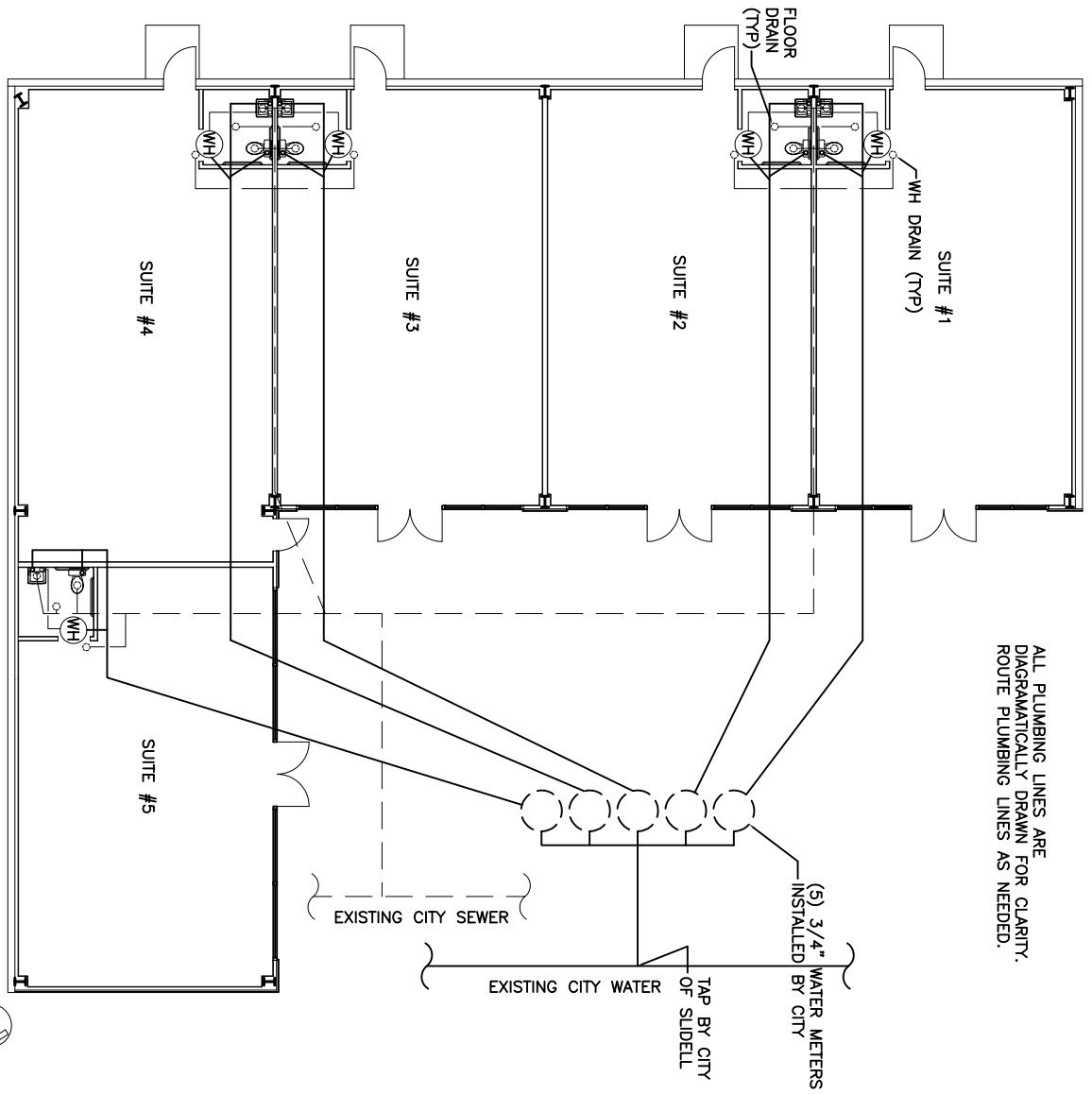


ALL PLUMBING LINES ARE DIAGRAMMATICALLY DRAWN FOR CLARITY. ROUTE PLUMBING LINES AS NEEDED.

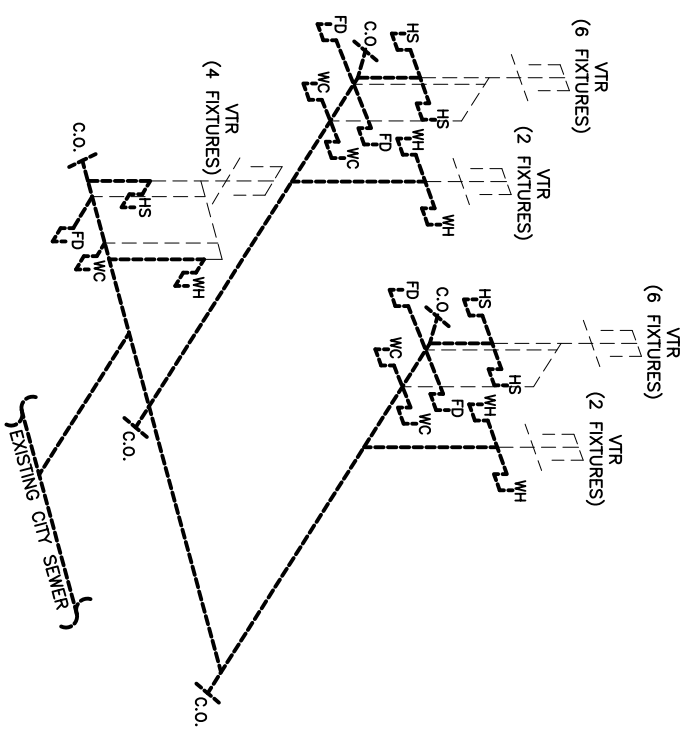


1 PLUMBING PLAN
1/8"=1'-0"

PLUMBING NOTES:

1. PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER, STEAM, SEWER AND VENT PIPING INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS AND HANGERS, RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL COVERING CODES.
2. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITIES LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
3. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
4. 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.
5. TEST ALL PIPING AT REQUIRED PRESSURE.
6. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL SYSTEM, MECHANICAL SYSTEM AND ELECTRICAL TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
7. ALL WATER MAINS AND PIPING ARE SHOWN FOR CLARITY. ALL LOCATIONS FIELD VERIFIED.
8. 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.
9. 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 TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
10. 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.
11. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
12. HANDICAP UNITS - TOILETS SHALL CONFORM TO THE FOLLOWING:
 - A. HANDICAP UNITS SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON AND SHALL HAVE CLEARANCE BELOW FOR HANDICAP KNEE AND TOE. RIM OF LAVATORY SHALL BE NOT MORE THAN 34" HIGH.
 - B. HOT WATER AND DRAIN PIPES SHALL BE INSULATED OR COVERED.
 - C. FAUCETS SHALL BE MOUNTED WITH THE BOTTOM EDGE NOT MORE THAN 40" FROM THE FLOOR.
 - D. MIRRORS SHALL BE MOUNTED WITH THE PROVISIONS OF THE HANDICAPS & GRAB BARS SHALL COMPLY WITH THE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT.
 - E. GRAB BARS AT TOILET - REAR 36", 33"-36" ABOVE FLOOR SIDE 42" 33"-36" ABOVE FLOOR.
 - F. WATER CLOSETS SHALL BE LOCATED WITH CENTER LINE 18" FROM SIDE WALL WITH BARS.
13. ALL ELECTRICAL, MECHANICAL & PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (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.)
14. ALL FLOOR DRAINS MUST BE INSTALLED WITH AN APPROVED TRAP PRIMER.

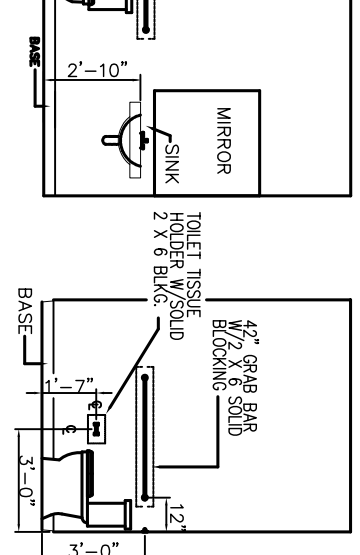
ALL PLUMBING LINES ARE DIAGRAMMATICALLY DRAWN FOR CLARITY. ROUTE PLUMBING LINES AS NEEDED.



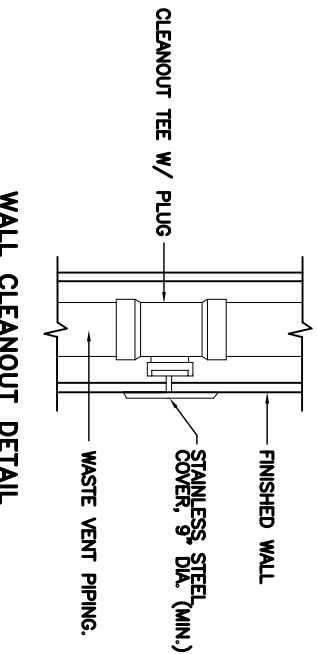
1 PLUMBING RISER DIAGRAM
N.T.S.

MARK	DESCRIPTION	TYPE	ROUGH-IN-SIZES	NOTES
WC	H.C. WATER CLOSET	VALVE	4" 1"	3
HS	H.C. LAVATORY	WALL HUNG	2" 1/2" 1/2"	1, 2, 3
FD	FLOOR DRAIN	-	2" -	4
WH	WATER HEATER	-	2" -	5

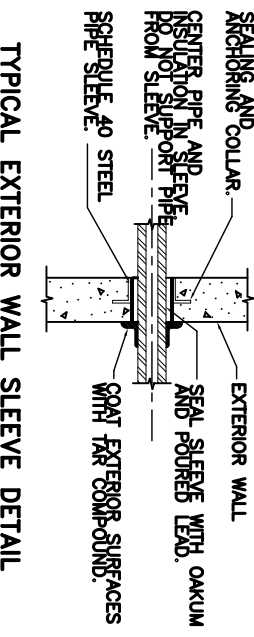
- NOTES:**
1. INSULATE PIPING FOR HANDICAP FIXTURE.
 2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
 3. H.C. - HANDICAP FIXTURE.
 4. INSTALL CONTINUOUS DRIP PAN ON ALL FLOOR DRAINS.
 5. WATER HEATER RELIEF AND PAN DRAINS SHALL BE RUN TO OUTSIDE OF BUILDING OR TO AND APPROVED WASTE RECEPTOR.



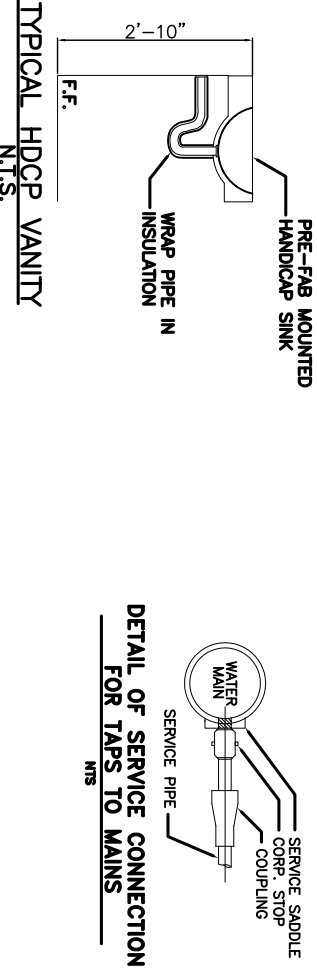
TYPICAL HDCP BATHROOM
N.T.S.



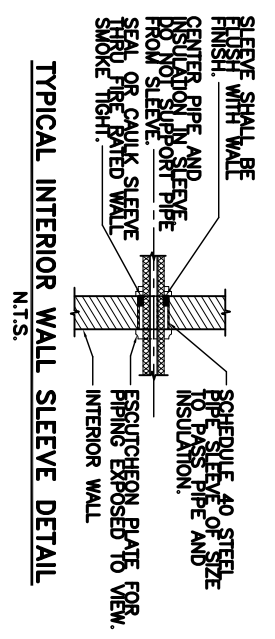
WALL CLEANOUT DETAIL
N.T.S.



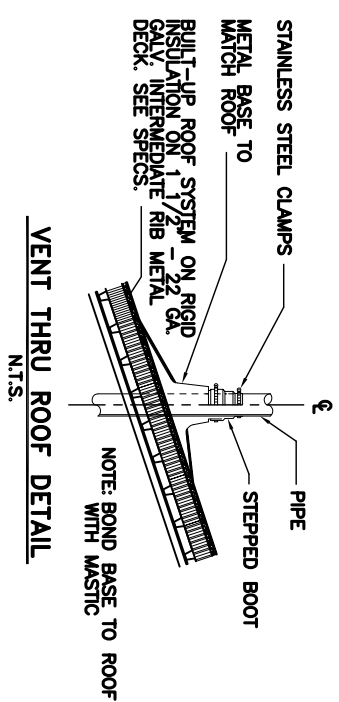
TYPICAL EXTERIOR WALL SLEEVE DETAIL
N.T.S.



TYPICAL HDCP VANITY
N.T.S.



TYPICAL INTERIOR WALL SLEEVE DETAIL
N.T.S.



VENT THRU ROOF DETAIL
N.T.S.

PLUMBING PLAN
GRISWOLD PROPERTIES
2117 GAUSE BLVD. E
SLIDELL, LOUISIANA

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

SCALE: AS NOTED
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JOB NO. 1550
DATE: 11-15-05
SHEET 13
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OF 13