

AIR CONDITIONING NOTES

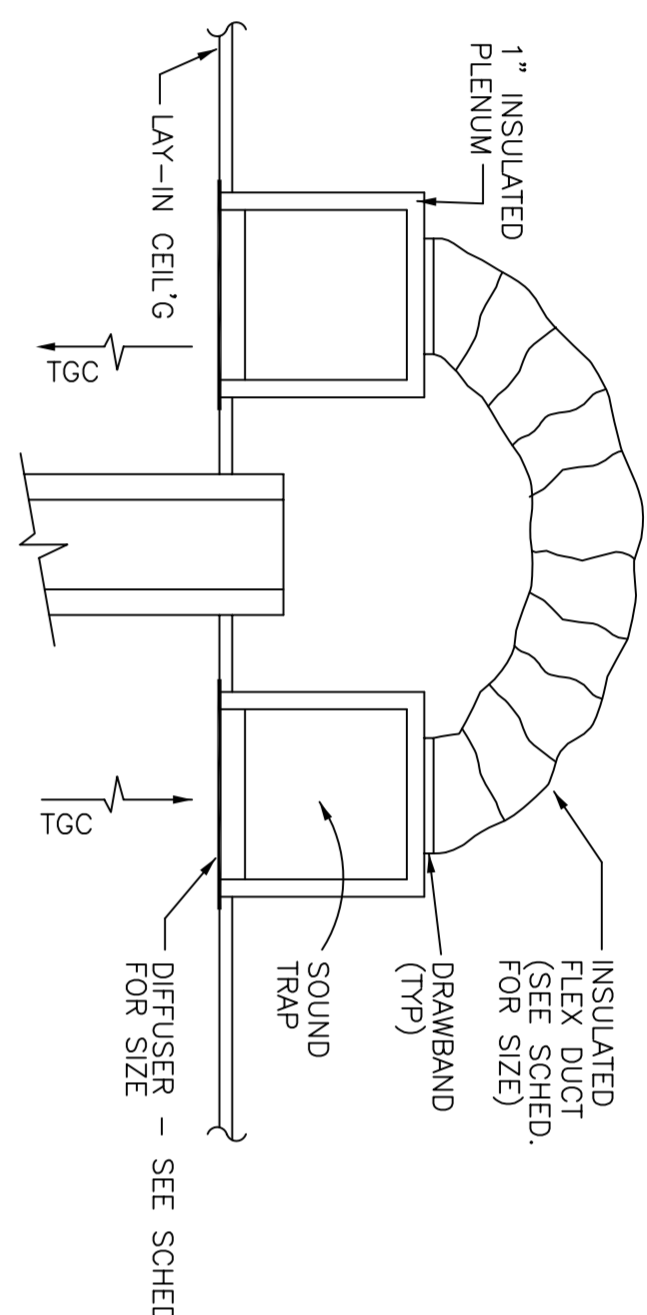
- HVAC SUBCONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATING A/C SYSTEM.
- HVAC SUBCONTRACTOR TO PROVIDE ALL REQUIRED HVAC PERMITS.
- HVAC SUBCONTRACTOR SHALL PROVIDE ALL EQUIPMENT AS SPECIFIED ON PLANS.
- INSULATION SHALL BE ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE.
- DUCTBOARD AND DUCTWORK SHALL BE FABRICATED FROM 1.5" Johns-Manville J-M Microgrip Glass Fiber Mat and Installed per Manufacturer's and SMACNA Recommendations. Flexible Duct shall be HERMETICALLY MADE OR EQUAL. DUCT SHALL BE U.L. LISTED.
- ALL VENT DEVICES SHALL BE ALIGNED ON CONSTRUCTION PER ARCHITECT'S INTENT.
- ALL VENT DEVICES SHALL BE ALIGNED ON CONSTRUCTION PER ARCHITECT'S INTENT.
- HVAC SUBCONTRACTOR SHALL TEST AND BALANCE THE AIR QUANTITIES TO THOSE INDICATED ON PLANS. PROVIDE A TAB REPORT IN ACCORDANCE WITH AIR BALANCE CONTROL STANDARDS.
- HVAC SUBCONTRACTOR SHALL PROVIDE ALL CONTROLS, RELAYS AND THERMOSTATS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROLS AND RELAYS SHALL BE APPROVED BY EQUIPMENT MANUFACTURER WITH TEST/500V/50/15/15.
- CONTROL TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
- THE HVAC SUBCONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP FOR THE LIFE OF THE BUILDING. THE HVAC SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND OPERATION OF ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID DELAYS WHICH MAY DELAY PROGRESS OF CONSTRUCTION.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID DELAYS WHICH MAY DELAY PROGRESS OF CONSTRUCTION.
- FLUERS SHALL BE DISPOSABLE TYPE WITH INITIAL SHAPE WEIGHT RESISTANCE OF 10% AND A CLEAN PRESSURE DROP OF .15. PROVIDE 2 SETS.
- ALL NECESSARY GREGGERS BRINGS AND TRANSDUCERS REQUIRED TO PROVIDE A COMPREHENSIVE REPORT TO THE ARCHITECT AND OWNER. ALL CONTROLS SHALL BE APPROVED BY EQUIPMENT MANUFACTURER WITH TEST/500V/50/15/15.
- PIPE ROOFTOP PACKAGE UNIT CONDENSATE DRAIN TO ROOFTOP PAN OR CUTTER (UNLESS NOTED).
- 2'-2" LAV-IN DIFFUSERS SHALL BE "TRUSS" TRUS-44 OR EQUAL (UNLESS NOTED).
- RETURN GRILLES SHALL BE "TRUSS" TRUS-271 SERIES UNLESS OTHERWISE NOTED.
- ALL UNITS WITH A ROOMER SYSTEM AIR FLOW OF 2000 CFM OF ABOVE SHALL HAVE SMOKE DETECTOR IN SUPPLY AIR DUCT. DUCT DETECTORS SHALL BE INTERLOCKED AND BE CONNECTED TO AN ALARME VISUAL TEST PAD. WHERE ADDITIONAL UNITS ARE ADDED TO A ZONE TO EXCEED THE 2000 CFM, DETECTORS SHALL BE ADDED TO EXISTING UNITS.

FLAME SPREAD GROUP:

- 1. Class A Interior Finish, Flamespread 0-25, Smoke Developed 0-450.
- 2. Class B Interior Finish, Flamespread 26-75, Smoke Developed 0-450.
- 3. Class C Interior Finish, Flamespread 76-200, Smoke Developed 0-450.

MINIMUM INTERIOR FINISH CLASSIFICATION:

OCCUPANCY	UNSPRINKLERED		SPRINKLERED	
	Exit	Other	Exit	Other
A	A	B	B	C
B	A	B	B	C
C	A	B	B	C
D	A	B	B	C
E	A	B	B	C
F	A	B	B	C
G	A	B	B	C
H	A	B	B	C
I	A	B	B	C
J	A	B	B	C
K	A	B	B	C
L	A	B	B	C
M	A	B	B	C
N	A	B	B	C
O	A	B	B	C
P	A	B	B	C
Q	A	B	B	C
R	A	B	B	C
S	A	B	B	C



TRANSFERRER AIR DUCT DETAIL
NO SCALE

FAN SCHEDULE

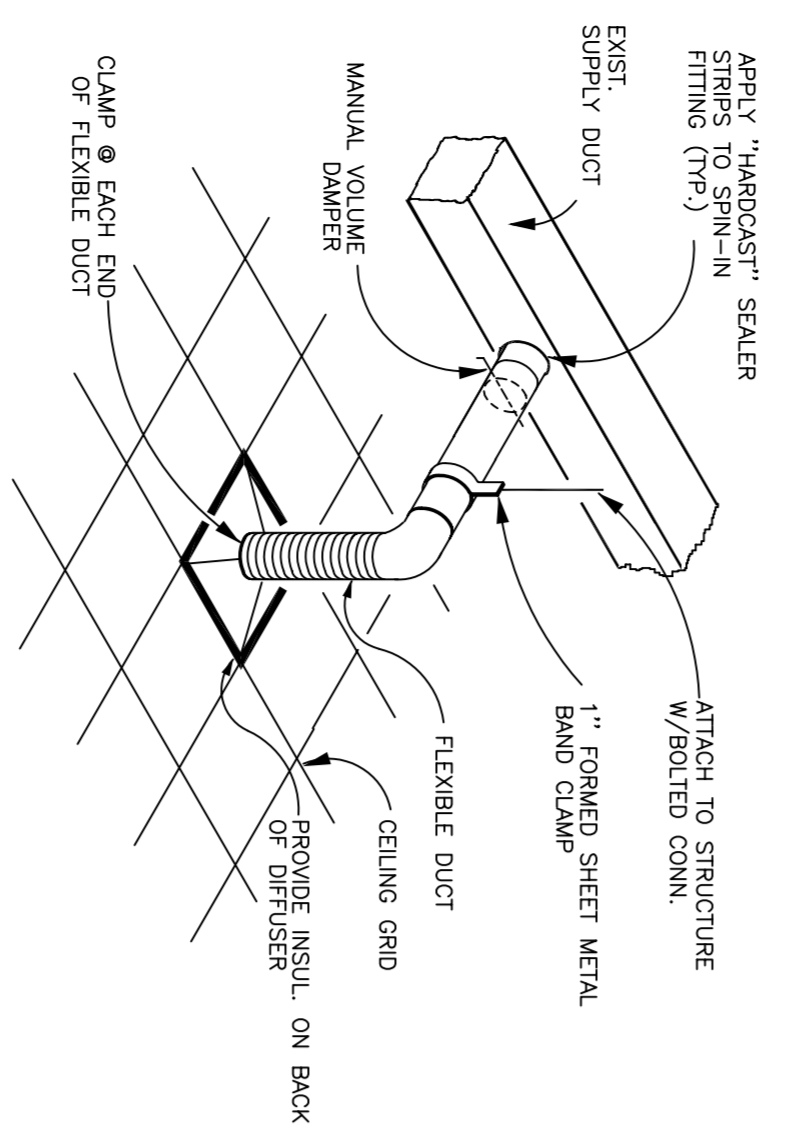
MARK	UNIT TYPE	CFM	ESP	HOSEFLOWER	VOLTS/Ø	MANUFACTURER	MODEL#	NOTES
EF-1	CEILING CABINET	80	.125		115V/1Ø	BROAN	689	1

1. SWITCH WITH LIGHTS

AIR CONDITIONING EQUIPMENT SCHEDULE

MARK	RAI	BTUH	T/S	ERR/SBR	MANUFACTURER	COND. UNIT MODEL#	VOLTS/Ø	M/COP	AHU #	CFM SUPPLY	FM HEAT	VOLTS/Ø	M/COP	OA	NOTES
AC-1		55,500/40,000		13.0	TRANE	4TTS0560F1000A	45/2	HTCCF00100A	2000	10.0		240/1Ø	45/2		1

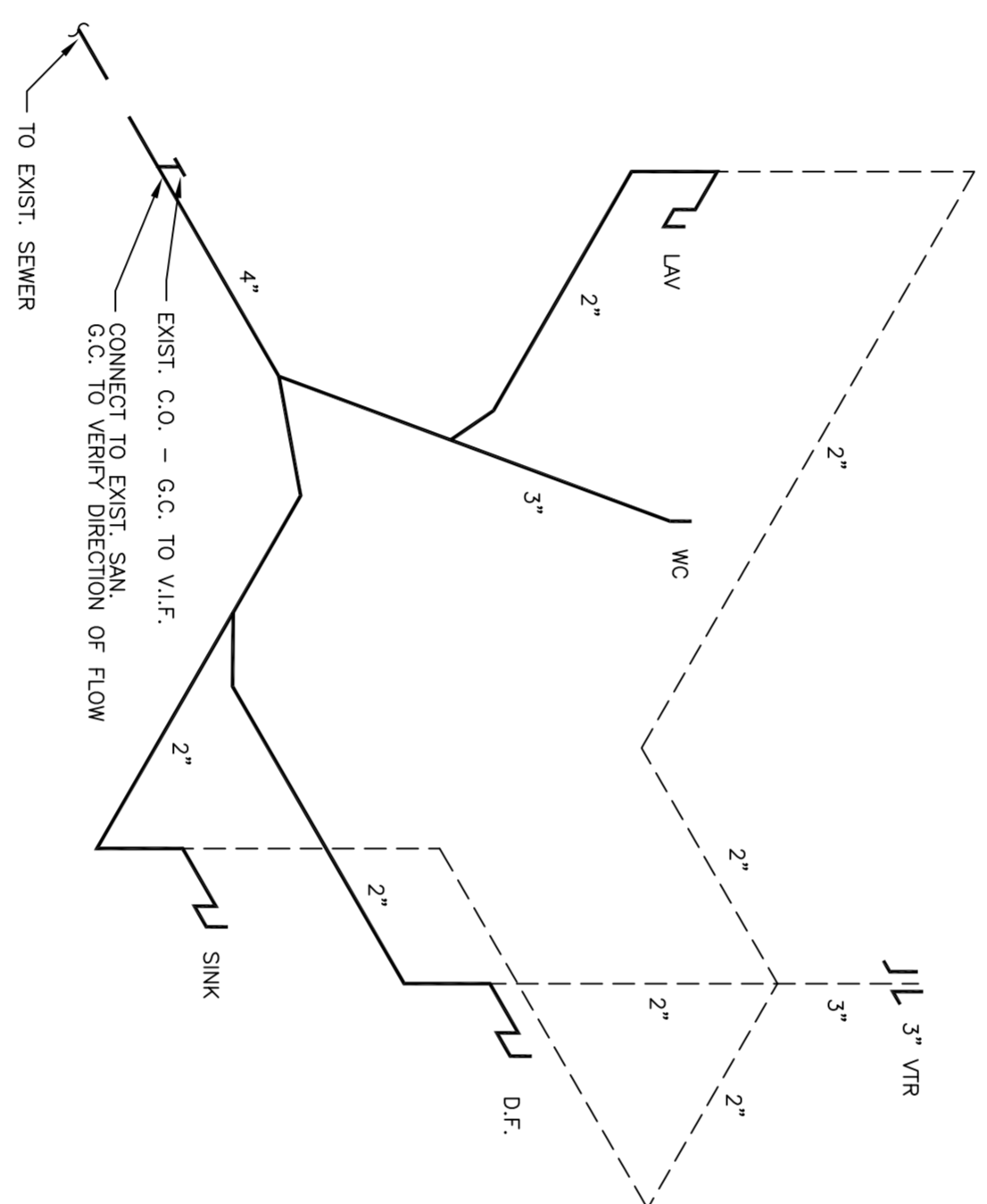
1. HEAT / COOL THERMOSTAT



TYPICAL DIFFUSER RUN-OUT DETAIL
SCALE: N.T.S.

PLUMBING NOTES

- INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE- PLUMBING AND ALL LOCAL CODES.
- ALL MATERIALS SHALL BE NEW AND CODE APPROVED.
- VERIFY ALL EXISTING SANITARY AND WATER CONDITIONS IN THE BUILDING. ALL NEW DOMESTIC WATER PIPING SHALL BE IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE.
- VERIFY ALL NEW SANITARY PIPING SHALL BE HUBLESS C.I. OR PVC. AS REQUIRED TO INTERFERE WITH EXISTING PIPING.
- THE PLUMBING SUB-CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE THAT PLUMBING WORK IS FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY OWNER. REPAIR OR REPLACE ALL WORK WHICH BECOMES DEFECTIVE AT NO COST TO OWNER.
- PLUMBING SUB-CONTRACTOR SHALL PROVIDE REQUIRED PERMITS.
- PLUMBING SUB-CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM, FIXTURES AND DEVICES SHALL BE GIVEN AN IN-SERVICE TEST AFTER COMPLETION OF INSTALLATION.
- ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION, SHALL BE PART OF THIS CONTRACT.
- BUILDING DRAINAGE SYSTEM IS BASED ON 1/8"/7' FT. MIN. FALL. ALL DEVIATIONS SHALL BE APPROVED BY THE ARCHITECT / ENGINEER.
- DO NOT SCALE FOR THE EXACT FIXTURES, PIPING, EQUIPMENT ETC.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH PROGRESS OF CONSTRUCTION.
- WATER PIPING SHALL BE TYPE "C" COPPER WITH WROUGHT SOLDER FITTINGS. UNDERGROUND PIPING MAY BE TYPE "M" WITH PROPER SLEEVING AND NO JOINTS BELOW SLAB.
- FURNISH AND INSTALL APPROVED AIR CHAMBER OR SHOCK ABSORBERS AND SHUTOFF VALVES WITH ACCESS PANELS AT EACH FRACTION GROUP.
- PLUMBING SUB-CONTRACTOR SHALL PROVIDE ACCURATE RED-LINE (OR BETTER) AS-BUILT DRAWINGS TO ARCHITECT / OWNER PRIOR TO FINAL SIGNING-OFF OF PROJECT.
- THESE PLANS ARE BASED ON AVAILABLE INFORMATION. VERIFY EXACT LOCATION OF EXISTING WATER AND SEWER PROVISIONS.
- VERIFY EXACT CONNECTIONS OF ALL EQUIPMENT SUPPLIED BY TENANT.
- COORDINATE TE-IN OF GAS PIPING WITH GAS SUPPLIER.



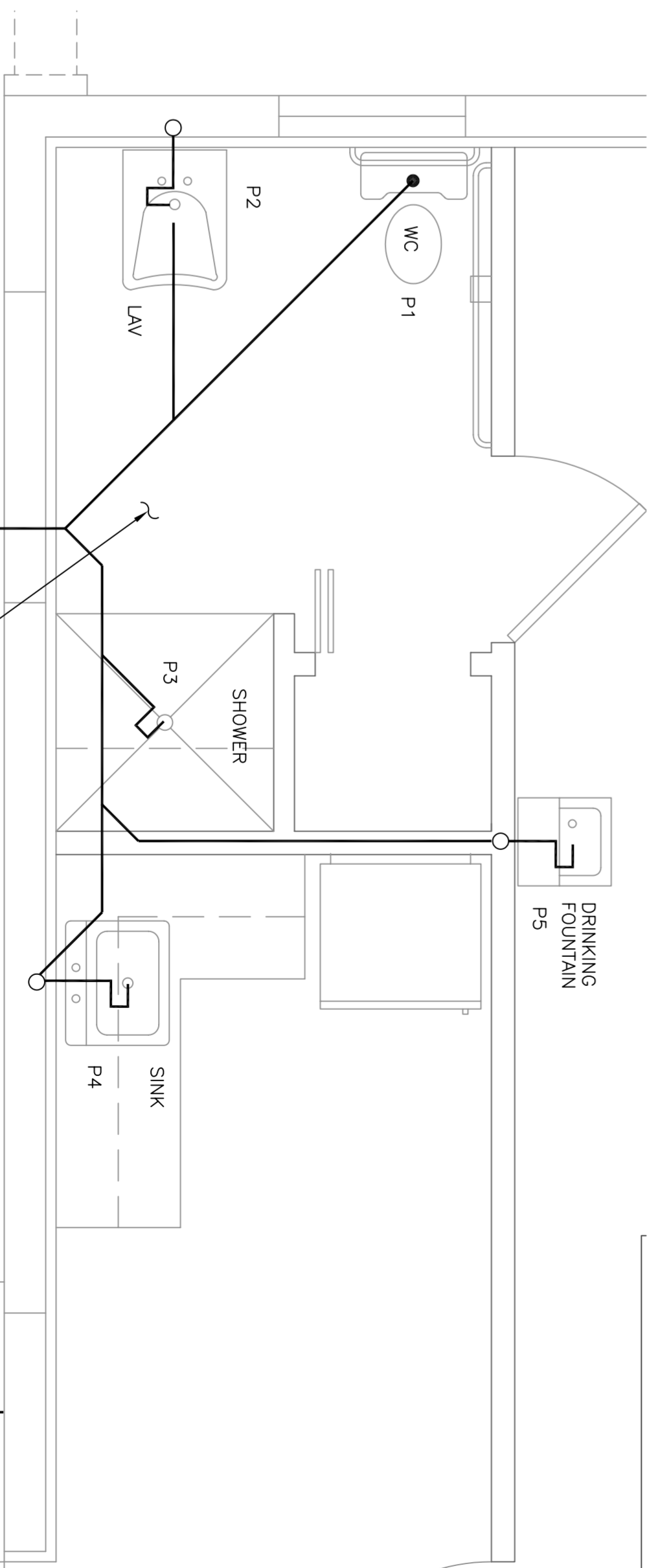
MECHANICAL PLAN

SCALE: 1/4"=1'-0"

PLUMBING FIXTURE SCHEDULE *

MARK	DESCRIPTION	MANUFACTURER	MODEL #
P1	DOMESTIC WATER SINK WITH SINK (1/2\"/>		

N.T.S.



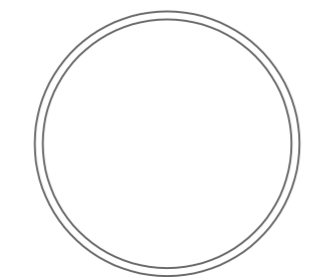
PARTIAL PLUMBING PLAN

SCALE: 1/2"=1'-0"

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LION'S CLUB BUILDING RENOVATION TO:
POLICE SUPPORT SERVICES BUILDING
500 GREYNOULDS CIRCLE
TOWN OF LANTANA, FL.

REVISIONS:



DATE: 28 JAN. 2010
DRAWN: SCS
ACADFILE: C:/JP/LANTANA

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