LEGEND

SAN	SANITARY PIPING BELOW GROUND
SAN	SANITARY PIPING ABOVE GROUND
CW	COLD WATER PIPING ABOVE GROUND
HW	HOT WATER PIPING ABOVE GROUND
HWR	HOT WATER RETURN PIPING ABOVE GROUND
140° HW	140° HOT WATER PIPING ABOVE GROUND
V	VENT PIPING BELOW GROUND
V	VENT PIPING ABOVE GROUND
TPS	TRAP PRIMER SUPPLY PIPING BELOW GROUND
TPS	TRAP PRIMER SUPPLY PIPING ABOVE GROUND
IW	INDIRECT WASTE PIPING ABOVE GROUND
CD	CONDENSATE PIPING ABOVE GROUND
	BALL VALVE OR BALANCING VALVE
	CHECK VALVE
	DRAIN VALVE W/CAP & CHAIN
	DIRECTION OF FLOW
	DIRECTION OF PITCH
	UNION
	RISE IN PIPE
	DROP IN PIPE
WCO DCO	DANDY CLEANOUT OR WALL CLEANOUT
FCO	FLOOR CLEANOUT
	PIPING CONTINUATION
ECO	END CLEANOUT
EC	END CAP
	THERMOMETER
EX	EXISTING PIPING ABOVE GROUND
EX	EXISTING PIPING BELOW GROUND
FPWH	FROST PROOF WALL HYDRANT W/VACUUM BREAKER
	PRESSURE GAUGE
	SHOCK ABSORBER
VB	VACUUM BREAKER
TP	TRAP PRIMER
VTR	VENT THROUGH ROOF
	P-TRAP BELOW GROUND
	P-TRAP ABOVE GROUND
	CIRCULATOR
	AQUASTAT
BFP	BACK FLOW PREVENTER
FD	FLOOR DRAIN
	TEMPERATURE & PRESSURE RELIEF VALVE

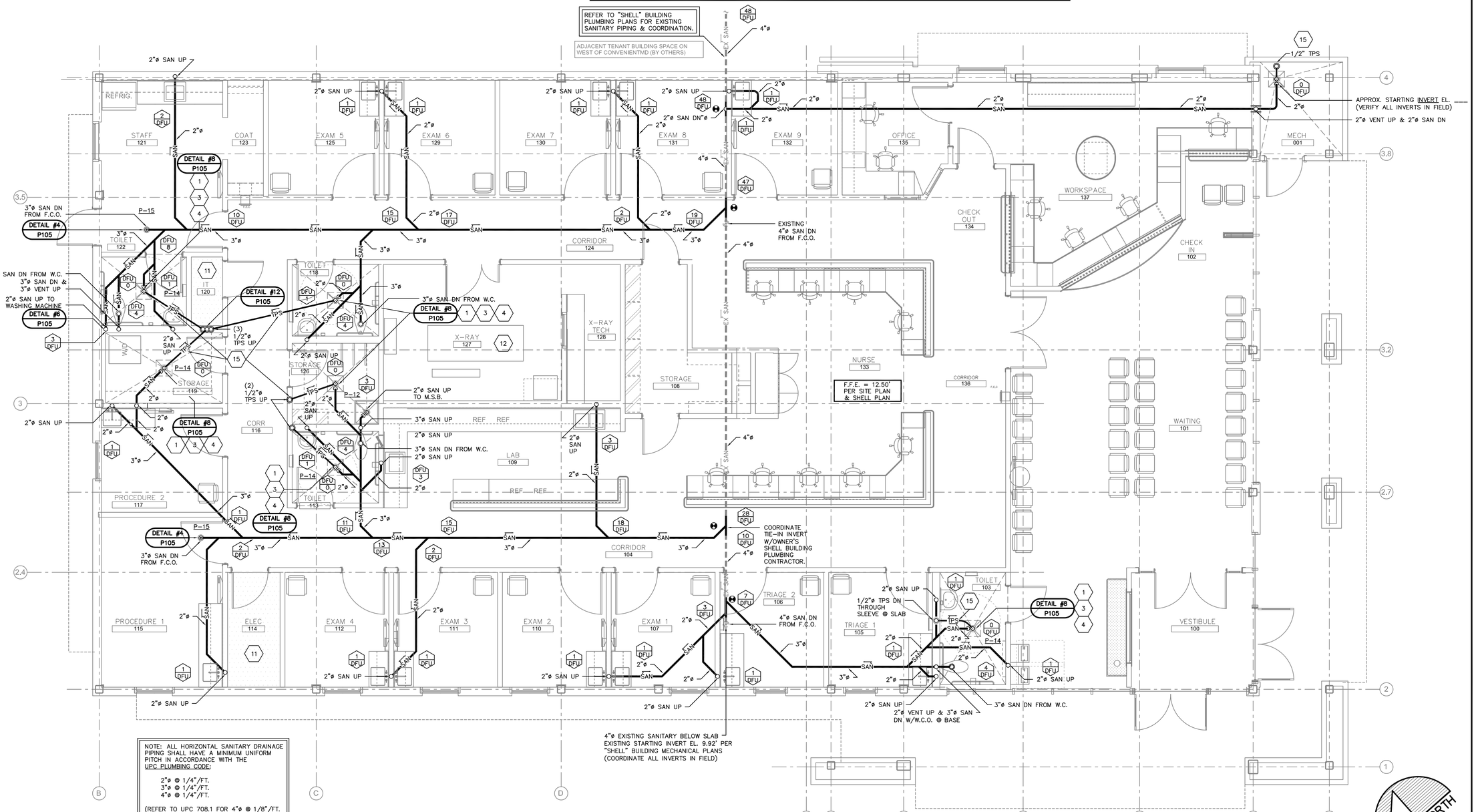
"DO NOT RUN PLUMBING THROUGH (HATCHED) SPACE", OR HATCHING MAY REPRESENT A RECOMMENDED EQUIPMENT CLEARANCE

TYPICAL KEY NOTES

1. 2"ø FLOOR DRAIN W/2"ø DEEP SEAL (4" TRAP SEAL) P-TRAP & 1/2"ø TRAP PRIMER TAP
2. (ADA) WALL HUNG SINGLE CONCEALED-ARM LAVATORY CARRIER
3. 1/2"ø COPPER OR PEX TRAP PRIMER SUPPLIES; REFER TO PLUMBING SPEC FOR PIPE MATERIAL & INSULATION REQUIREMENTS
4. VERIFY W/G.C. IF ENTIRE FLOOR WILL BE PITCHED OR JUST A SMALL AREA AROUND DRAIN TO ENCOURAGE FLOW TOWARD DRAIN
5. (NOT USED)
6. 3/8" COIL OR FLEXIBLE SUPPLY W/IN-LINE B.F.P. (CONFORMING TO ASSE 1022 SIMILAR TO WATTS SD3) TO THE REFRIGERATOR, COFFEE MAKER OR BEVERAGE DISPENSER AS IS APPLICABLE
7. SANITARY VENTS SHALL BE INSTALLED WITH ADEQUATE DISTANCE FROM HVAC FRESH AIR INTAKES; COORDINATE W/HVAC PLANS.
8. (NOT USED)
9. REFER TO PLUMBING SPECIFICATIONS FOR MECHANICAL INSULATION OF VENT PIPING PENETRATING THE ROOF.
10. 1/2"ø BALL, FLOW METER & CHECK VALVES
11. NOTE: DO NOT RUN PIPING ABOVE OR THROUGH THE ELECTRIC/DATA/TELE./I.T. ROOM
12. NOTE: DO NOT RUN PIPING ABOVE OR THROUGH THE X-RAY AREAS
13. COORDINATE FURRED OUT WALLS WITH GENERAL CONTRACTOR
14. (NOT USED)
15. 1/2"ø TYPE "K" COPPER OR PEX TRAP PRIMER SUPPLIES BELOW SLAB W/CLOSED CELLULAR INSULATION; REFER TO PLUMBING SPECS.

PLUMBING PLAN INDEX

SHEET COUNT	SHEET	GENERAL DESCRIPTION
1.	P101	CMD "FIT-UP" – UNDERGROUND/UNDERSLAB PIPING
2.	P102	CMD "FIT-UP" – ABOVE SLAB SANITARY W&V
3.	P103	CMD "FIT-UP" – ABOVE SLAB DOMESTIC WATER PIPING
4.	P104	CMD "FIT-UP" – PLUMBING ROOF PLAN
5.	P105	PLUMBING DETAILS
6.	P106	PLUMBING FIXTURE SCHEDULE, DETAILS & NOTES
7.	P107	PLUMBING SPECIFICATIONS



NOTE: ALL HORIZONTAL SANITARY DRAINAGE PIPING SHALL HAVE A MINIMUM UNIFORM PITCH IN ACCORDANCE WITH THE UPC PLUMBING CODE:

2"ø @ 1/4"/FT.
3"ø @ 1/4"/FT.
4"ø @ 1/4"/FT.

(REFER TO UPC 708.1 FOR 4"ø @ 1/8"/FT. EXCEPTION WHERE 1/4"/FT. CANNOT BE ACHIEVED AND ONLY IF APPROVED BY AHJ)

THE "SHELL" MECHANICAL PLANS INDICATE THAT THE 4" SANITARY BUILDING MAIN IS RUN @ 1/8"/FT; COORDINATE ALL INVERTS.

UNDERGROUND/UNDERSLAB PIPING PLUMBING FLOOR PLAN

– / P101

SCALE 1/4" = 1'-0"

Convenient MD
191 Marginal Way
Portland, Maine

DESIGN DAY MECHANICALS INC

THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW. ALL CONTACTS, QUESTIONS, REQUESTS AND CORRESPONDENCE TO THE PROJECT MANAGER.

PLUMBING: RICHARD D. CAUNON, PH (603) 668-5027
8 MC FORD STREET, MANCHESTER, NH 03103 FX (603) 668-3339

STATE OF MAINE
Andrew W. Arsenault
9431
LICENSED
PROFESSIONAL ENGINEER

DENNIS MIRES, P.A.
THE ARCHITECTS
697 Union Street, Manchester NH
603-625-1548 FAX 603-625-1067

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CMD "FIT-UP"

UNDERGROUND/ UNDERSLAB PIPING PLUMBING FLOOR PLAN

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

revisions:

date: 3/24/17

proj. no. 2014-055
DDM #170116

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FLBG SHEET 1 OF 7