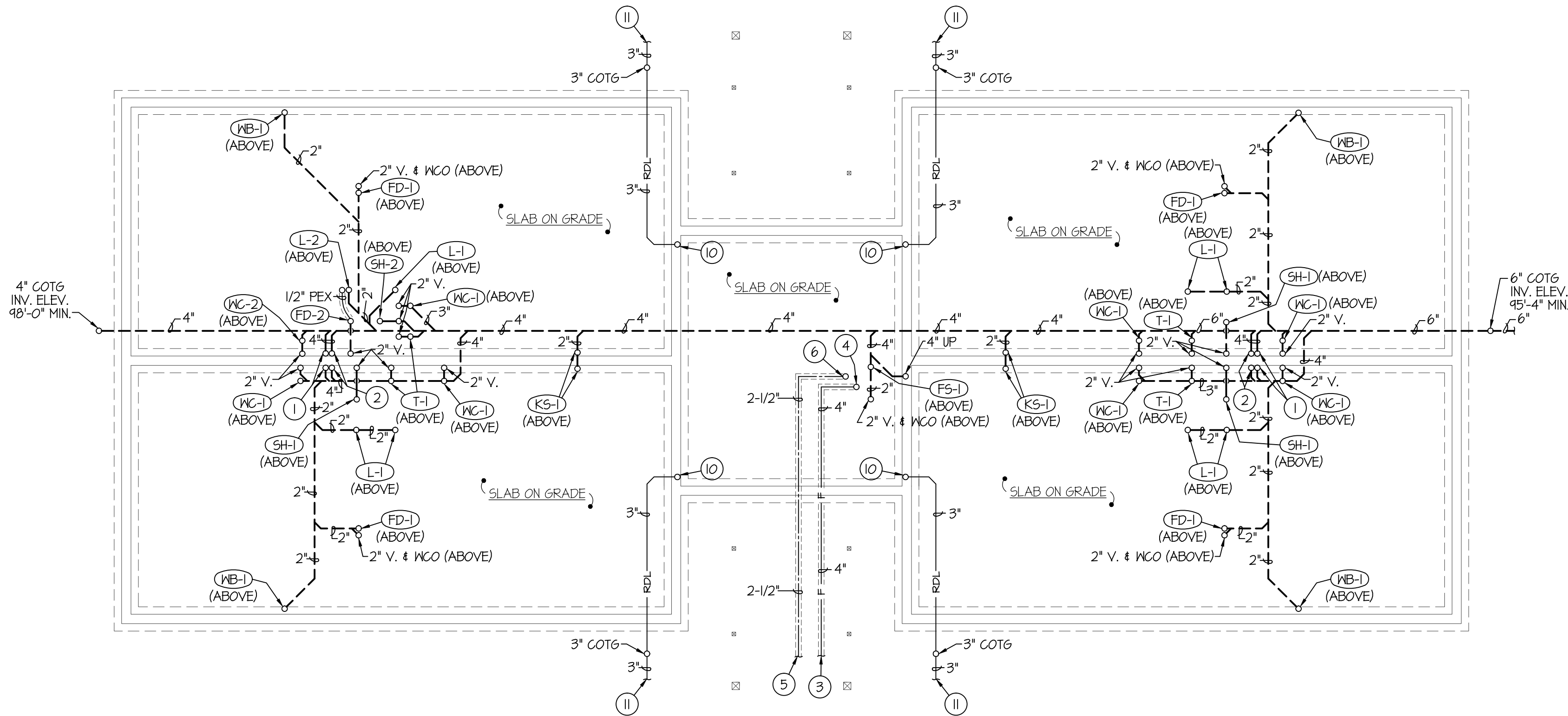


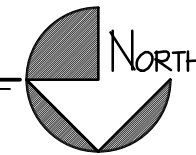
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PLUMBING FIXTURE SCHEDULE							
SYM.	DESCRIPTION	PIPE SIZE					REMARKS
		TRAP	WASTE	VENT	C/L	H/L	
(WC-1)	WATER CLOSET	INT.	3"	2"	1/2"	-	FLUSH TANK
(WC-2)	WATER CLOSET	INT.	3"	2"	1/2"	-	ADA FLUSH TANK
(L-1)	LAVATORY	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	COUNTERTOP MOUNT
(L-2)	LAVATORY	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	ADA WALL MOUNT WITH INSULATING JACKET ON HM & DRAIN LINE UNDER SINK.
(T-1)	TUB / SHOWER	2"	2"	2"	1/2"	1/2"	RIGHT OR LEFT HAND AS PER FLOOR PLAN
(SH-1)	SHOWER	2"	2"	2"	1/2"	1/2"	RIGHT OR LEFT HAND AS PER FLOOR
(SH-2)	ADA SHOWER	2"	2"	2"	1/2"	1/2"	RIGHT OR LEFT HAND AS PER FLOOR PLAN WITH 24" SLIDE BAR, HAND SHOWER AND FOLD UP SEAT.
(KS-1)	KITCHEN SINK	2"	2"	2"	1/2"	1/2"	S.S. COUNTERTOP DOUBLE COMPARTMENT WITH INSULATING JACKET ON HM & DRAIN IN ADA APT.
(DW-1)	DISHWASHER	-	3/4"	-	-	1/2"	UNDER COUNTER - CONNECT TO ADJACENT SINK.
(FD-1)	FLOOR DRAIN	2"	2"	2"	-	-	WITH DEEP SEAL P-TRAP
(FD-2)	FLOOR DRAIN	2"	2"	2"	1/2"	-	WITH DEEP SEAL P-TRAP & TRAP PRIMER
(FS-1)	FLOOR SINK	4"	4"	2"	-	-	FLOOR SINK WITH 3/4 GRATE AND DEEP SEAL P-TRAP
(WB-1)	WASHER BOX	2"	2"	2"	1/2"	1/2"	POLY WASHER BOX WITH 1/2" HM AND CM STOP VALVES 2" STANDPIPE WITH P-TRAP
(RD-1)	ROOF DRAIN	NA	3"	NA	-	-	3" ROOF DRAIN ASSEMBLY WITH DOME STRAINER AND UNDERDECK CLAMP.
(OD-1)	ROOF OVERFLOW DRAIN	NA	3"	NA	-	-	3" ROOF OVERFLOW DRAIN ASSEMBLY W/ DOME STRAINER 2" HIGH WATER DAM AND UNDERDECK CLAMP.
(DS-1)	OVERFLOW DOWN SPOUT	NA	3"	NA	-	-	3" ROUGH BRONZE FINISH LAMB'S TONGUE STYLE WALL MOUNTED DOWNSPOUT.
(WH-1)	GAS WATER HEATER	-	-	(2) 3"	1-1/2"	1-1/2"	PVI MODEL 20-L-100A-SGL GAS FIRE WATER HEATER WITH T&P VALVE AND SPARE PARTS KIT. INCLUDE VERTICAL VENT KIT AND (1) 125 GALLON STORAGE TANK.
(RP-1)	HOT WATER RECIRC. PUMP	-	-	-	-	1" HWRC	B46 SERIES PR WITH 1" FLANGES AND 115 VOLT MOTOR 1/6 H.P. AT 1125 RPM. 6 GPM FLOW AT 10' HEAD.



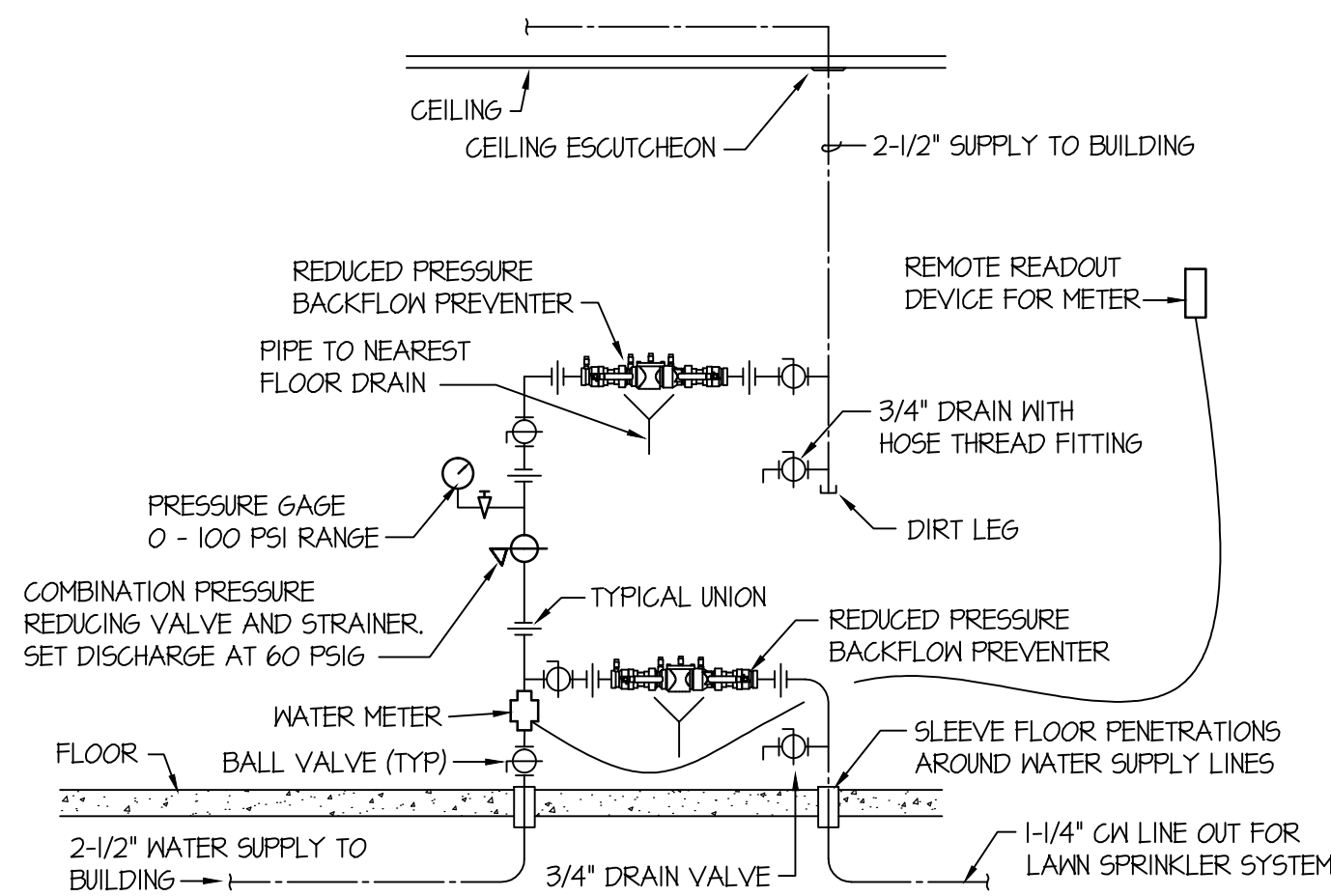
FOUNDATION PLUMBING PLAN

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



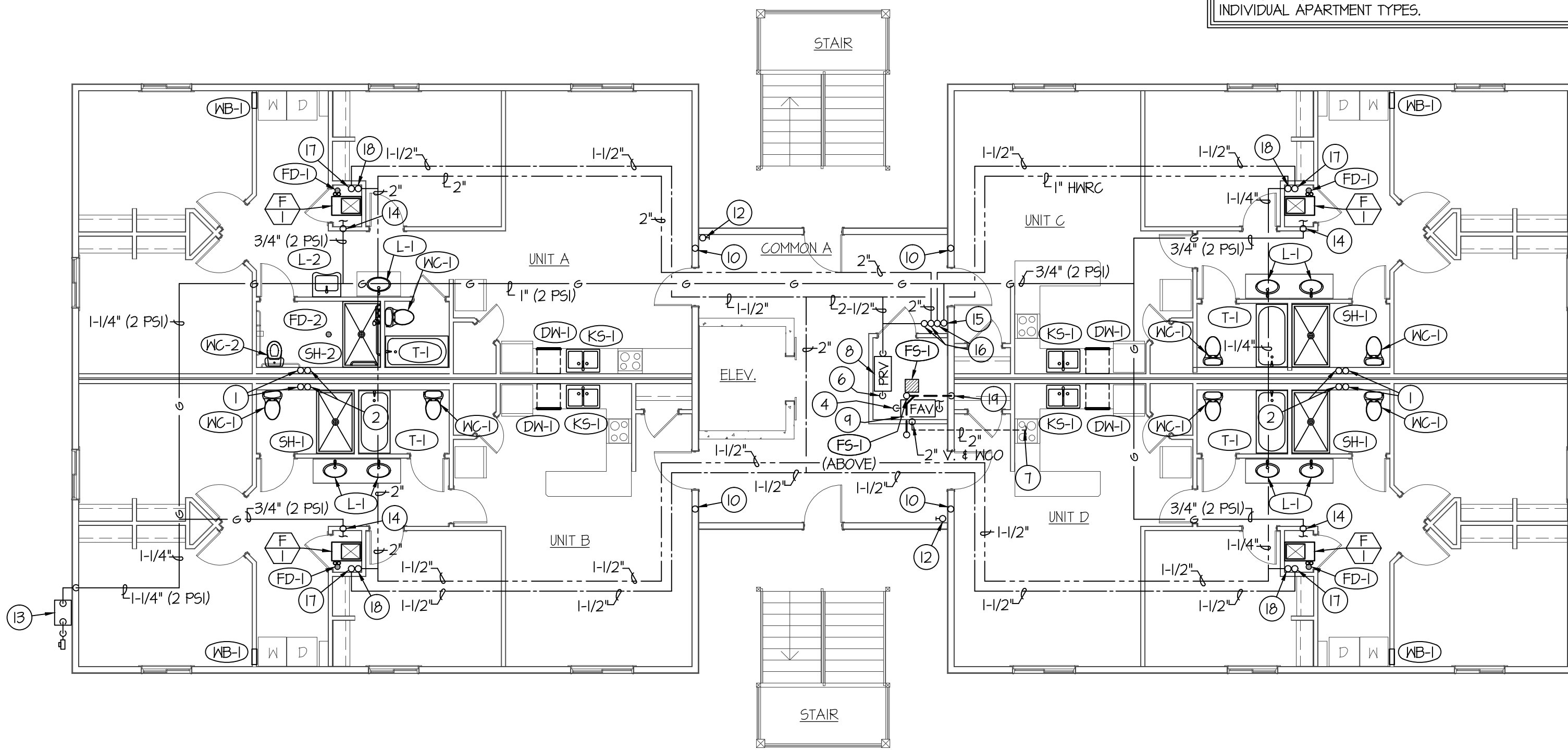
SPECIAL NOTE:

SEE LARGE SCALE PLANS ON SHEET P-4 FOR TYPICAL WASTE, VENT, GAS AND WATER PIPING LAY-OUT FOR INDIVIDUAL APARTMENT TYPES.



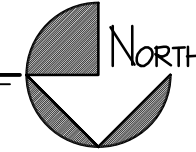
VERTICAL WATER PRESSURE REDUCING STATION

NO SCALE



GROUND LEVEL PLUMBING PLAN

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



PLAN NOTES:

- 4" WASTE STACK UP IN WALL ABOVE. SEE SHEET P-2 FOR CONTINUATION OF PIPING. SEE ALSO TYPICAL WASTE & VENT PIPING PLANS ON SHEET P-4.
- 4" VENT STACK UP IN WALL ABOVE. SEE SHEET P-2 FOR CONTINUATION OF PIPING. SEE ALSO TYPICAL WASTE & VENT PIPING PLANS ON SHEET P-4.
- SEE SITE PLAN FOR CONTINUATION OF 4" FIRE LINE.
- RISE 4" FIRE LINE UP THRU SLAB INTO FIRE RISER ROOM ABOVE. SEE GROUND LEVEL PLUMBING PLAN ON THIS SHEET FOR FIRE RISER LOCATION ABOVE.
- SEE SITE PLAN FOR CONTINUATION OF 2-1/2" DOMESTIC WATER MAIN.
- RISE 2-1/2" DOMESTIC WATER MAIN UP THRU SLAB INTO ROOM ABOVE. SEE GROUND LEVEL PLUMBING PLAN ON THIS SHEET FOR PRESSURE REDUCING VALVE ASSEMBLY LOCATED ABOVE.
- CONNECT 2" VENT SERVING FLOOR SINK IN MECH. ROOM TO ADJACENT APT. VENT PIPING SYSTEM CONNECTING TO 4" VENT STACK.
- 2-1/2" DOMESTIC WATER FRY STATION. SEE DETAIL ON THIS SHEET.
- 4" FIRE RISER ASSEMBLY. SEE DETAIL ON SHEET P-2.
- 3" ROOF DRAIN LINE DOWN FROM ABOVE. SEE SHEET P-2 FOR ROOF DRAIN AND OVERFLOW DRAIN PIPING ABOVE. SEE FOUNDATION PLUMBING PLAN ON THIS SHEET FOR ROOF DRAIN PIPING LOCATED UNDERSLAB.
- SEE CIVIL SITE PLAN FOR CONTINUATION OF 3" ROOF DRAIN PIPING UNDERGROUND CONNECTING TO STORM SEWER.
- 4" FIRE LINE STANDPIPE UP TO SERVE ALL LEVELS. INSTALL 2-1/2" FIRE HOSE CONNECTION AT EACH LEVEL. CONNECTION TO BE 36" ABOVE FINISHED FLOOR.
- GAS METER BY LOCAL GAS COMPANY SIZED FOR 1,454,000 BTU AT 2 PSI DELIVERY PRESSURE.
- RISE 3/4" (2 PSI) GAS LINE UP IN WALL TO SERVE ALL LEVELS OF APTS. SEE LARGE SCALE PLANS ON SHEET P-4 FOR CONNECTION TO FURNACES.
- RISE 3/4" (2 PSI) GAS LINE UP IN WALL ABOVE TO SERVE WATER HEATERS AND OVERFLOW DRAIN PIPING ABOVE. SEE 1ST LEVEL PLUMBING PLAN ON SHEET P-2 FOR CONTINUATION OF PIPING.
- RISE 2" HM, 2" CM AND 1" HWRC PIPING UP IN WALL TO MECHANICAL ROOM ABOVE WHERE WATER HEATERS ARE LOCATED.
- RISE 1-1/2" CM MAIN UP IN WALL TO SERVE 3 LEVELS ABOVE. SEE SHEET P-2 FOR CONTINUATION OF PIPING AND SIZING.
- 1-1/4" HM PIPING TO SERVE APT. ON THIS LEVEL AND LEVEL 1 APT ABOVE.
- 4" WASTE DOWN IN WALL FROM FLOOR SINK ABOVE IN MECH. ROOM ON LEVEL 1.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
CO	CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
G	PIPE DROP
O	PIPE RISE
IQ	BALL TYPE ISOLATION VALVE
---	SOIL OR WASTE PIPING
---	VENT LINE PIPING
---	DOMESTIC COLD WATER PIPING
---	DOMESTIC HOT WATER PIPING
G	GAS PIPING
CD	CONDENSATE DRAIN PIPING

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDNECKS  
DATE ORIGINAL SIGNED: MAY 5, 2011  
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES  
1355 EAST CENTER, POCAHELLO, IDAHO 83201



**Engineered Systems Associates**  
**Mechanical Engineers**

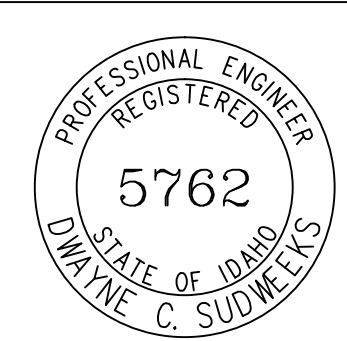
Dwayne Sudnecks  
1355 East Center - Pocatello, Idaho 83201  
Phone: (208) 233-0501 Fax: (208) 233-0529 email: esa@engsystems.com

**SAVOYE APARTMENTS**  
**REXBURG, IDAHO**

FOUNDATION & GROUND LEVEL PLUMBING PLANS

PROJECT:

SHEET TITLE:



DRWN. BY:	CKD. BY:
SR	DCS
JOB NO.	DATE:
11035	MAY 2011

SHEET:

OF: FOUR