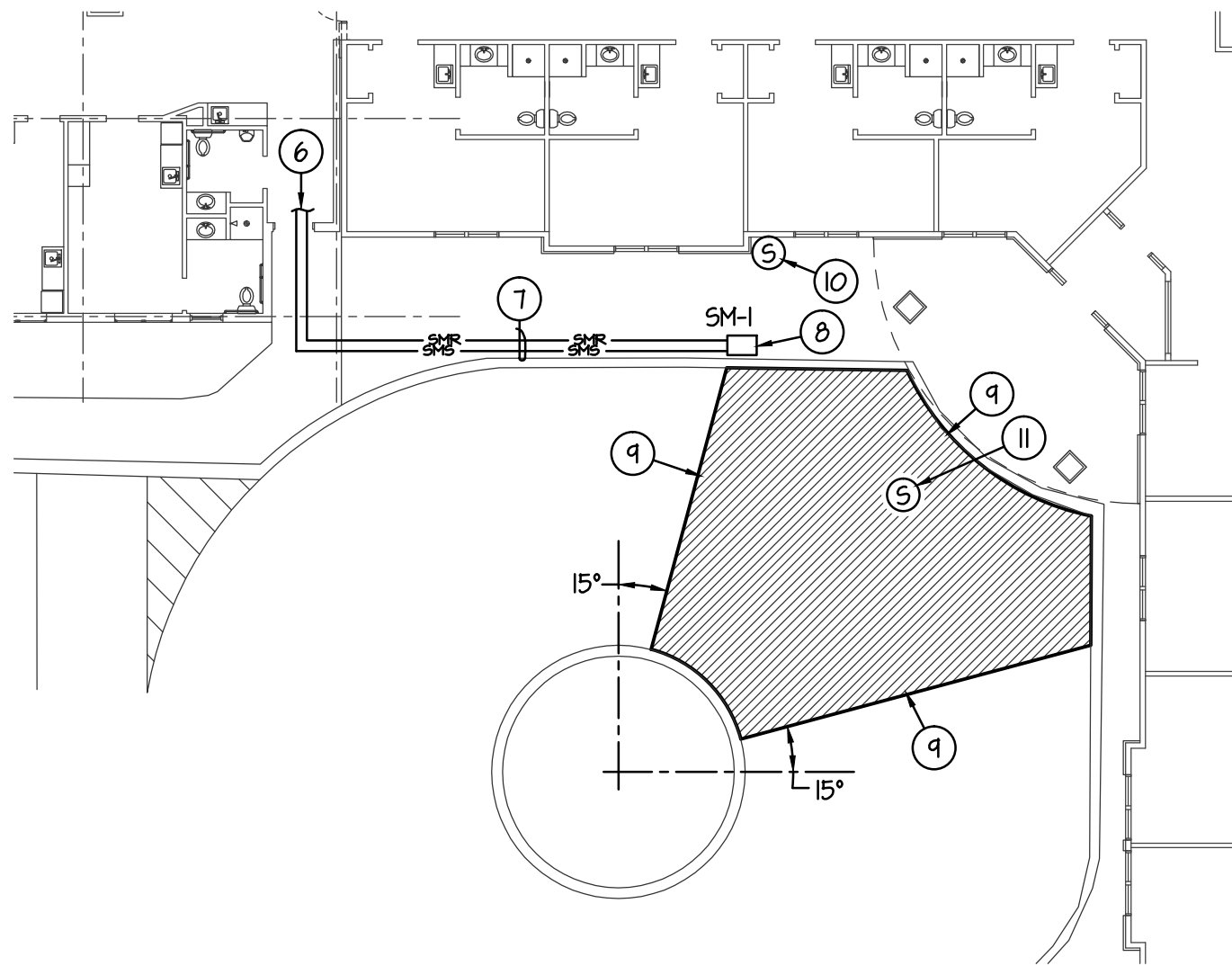
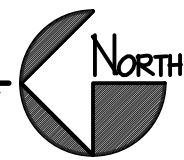


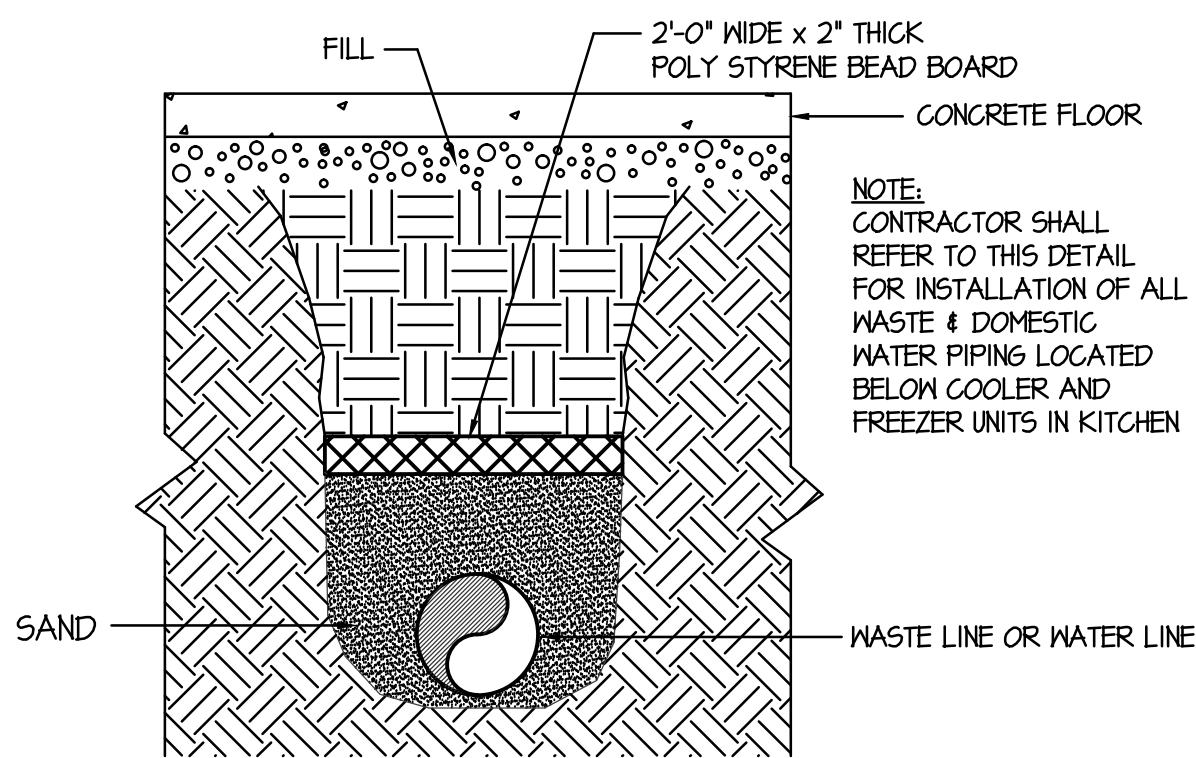
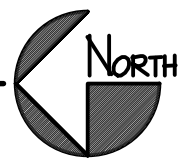
PLUMBING FOUNDATION PLAN

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



SNOW MELT PARTIAL SITE PLAN

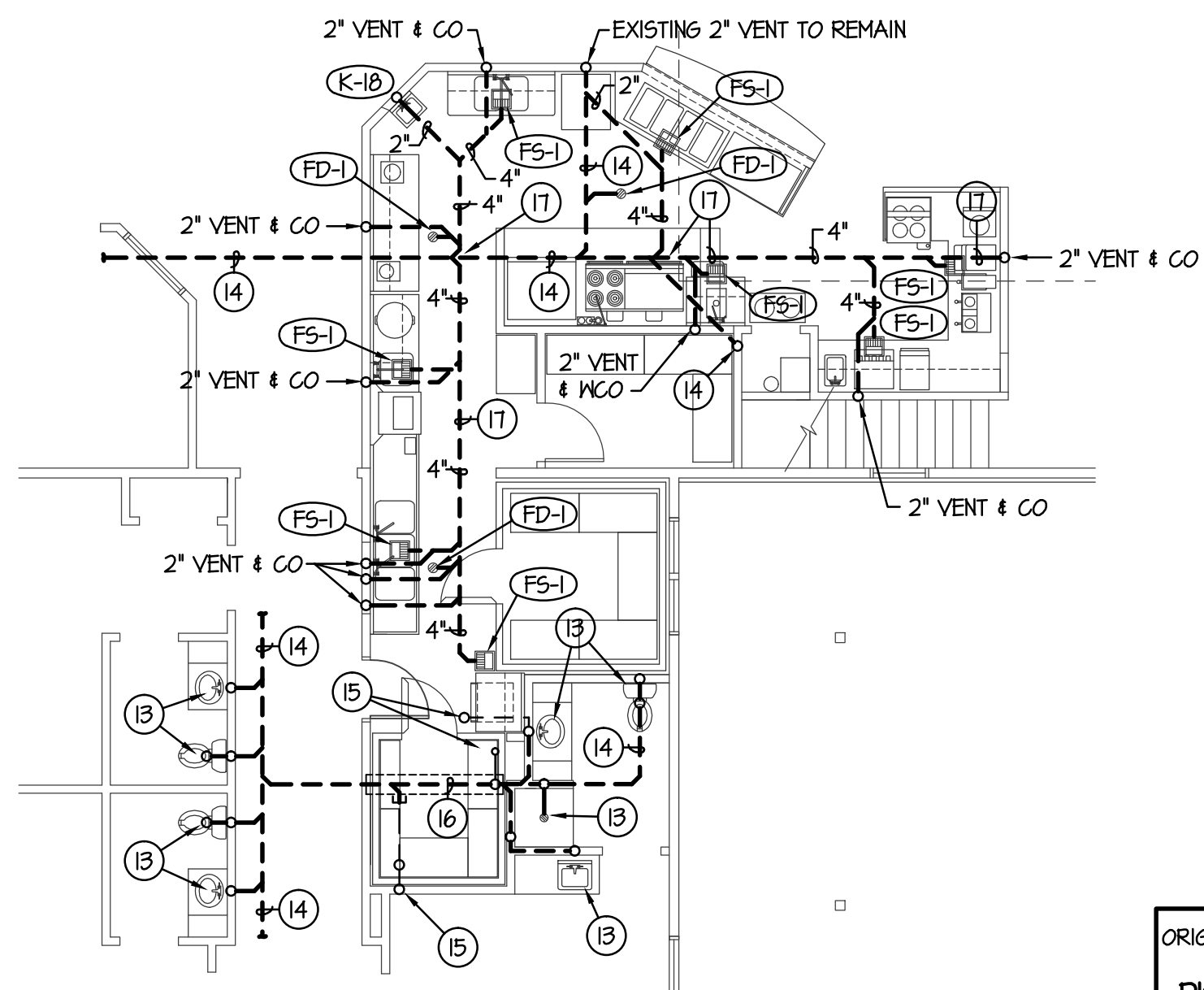
SCALE: 1/16" = 1'-0"



UNDERGROUND PIPE INSULATION

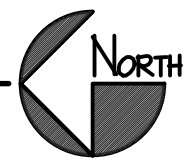
NO SCALE

SNOW MELT ZONE SCHEDULE							
	SQUARE FOOTAGE	REQ'D LOOPS	GPM PER LOOP	TOTAL GPM	MANIFOLD PIPE SIZE	APPROXIMATE LOOP LENGTH	SYSTEM BTU
SM-1	963	6	2.0	12	1-1/4"	240'	144,450
							MAX. PD



KITCHEN FOUNDATION PLAN

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



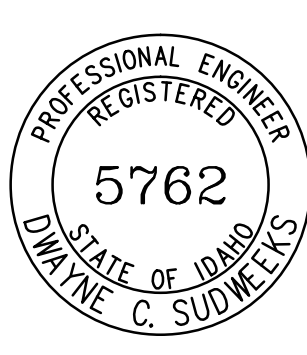
PLAN NOTES:

- EXISTING 4" WASTE LINE TO REMAIN. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING PIPING AND PROTECT DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
- RELOCATE EXISTING CLEAN OUT TO GRADE. EXTEND EXISTING 4" WASTE LINE TO NEW WALL LOCATION AND RISE UP IN WALL TO NEW WALL CLEAN OUT. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING.
- CONNECT NEW 4" WASTE LINE TO EXISTING 4" WASTE LINE (OR LARGE). FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING. MATCH NEW PIPING CONNECTION TO EXISTING LINE ELEVATION.
- WASTE PIPING TO BE RUN BELOW FLOOR WITH 1/4" SLOPE PER FOOT. MATCH NEW PIPING WITH EXISTING LINE ELEVATION AND GRADE UP FROM THERE. KEEP PIPING AS LOW AS POSSIBLE.
- FIXTURES ON EXTERIOR WALLS TO HAVE PIPING RUN WITHIN BUILDING ENVELOPE. REFER TO DETAIL 6/P-301 FOR TYPICAL PIPE INSTALLATION.
- 1-1/4" SNOW MELT PIPING TO BE RUN BELOW FLOOR. COORDINATE ROUTING OF LINES WITH OTHER PIPING, BUILDING FOOTINGS, ETC. ALL UNDERGROUND SNOW MELT PIPING TO BE INSULATED.
- 1-1/4" SNOW MELT PIPING TO BE RUN BELOW SIDEWALK OR ASPHALT DRIVEWAY. COORDINATE ROUTING OF PIPING WITH OTHER PIPING AND BUILDING FOOTINGS.
- PROVIDE ELECTRICAL VAULT IN GROUND WITH METAL TRAFFIC RATED COVER. MOUNT FLUSH WITH CONCRETE AND INSTALL SNOW MELT MANIFOLD PIPING INSIDE BOX. REFER TO DETAIL B/M-201 FOR TYPICAL MANIFOLD CONNECTION FITTINGS INSIDE BOX AND TO DETAIL A/M-201 FOR TYPICAL PIPE LAYOUT IN INDIVIDUAL ZONES.
- HATCHED AREA TO RECEIVE SNOW MELT PIPING. RUN 5/8" PIPE AT 4" O.C. BELOW ASPHALT. REFER TO SHEET M-201 FOR SNOW MELT PIPING DIAGRAMS AND TYPICAL ZONE LAYOUTS.
- MOUNT OUTDOOR AIR SENSOR (TEKMAR 070) ON WALL. REFER TO DETAILS ON SHEET M-201 FOR CONNECTION TO BOILER AND SNOW MELT SYSTEM.
- MOUNT SENSOR (TEKMAR MODEL 090 & 091) IN ASPHALT. REFER TO DETAILS ON SHEET M-201 FOR CONNECTION TO BOILER AND SNOW MELT SYSTEM.
- RISE 1-1/4" SNOW MELT PIPING UP THRU BOILER ROOM FLOOR. REFER TO LARGE SCALE PLAN AND DETAILS ON SHEET M-201 FOR CONTINUATION.
- EXISTING PLUMBING FIXTURE TO REMAIN. PROTECT DURING CONSTRUCTION AND MAINTAIN CONNECTION TO EXISTING WASTE, WATER, AND VENT PIPING.
- ALL EXISTING WASTE PIPING BELOW FLOOR TO REMAIN UNLESS NOTED OTHERWISE. MAINTAIN CONNECTION OF EXISTING PIPING TO EXISTING FIXTURES TO REMAIN. FIELD VERIFY EXACT SIZE AND LOCATIONS OF ALL EXISTING PIPING.
- DISCONNECT EXISTING FIXTURE ABOVE FROM WASTE PIPING. REMOVE EXISTING PIPING AS FAR AS IT IS EXPOSED DURING CONSTRUCTION AND CAP EXISTING WASTE LINE NEAR MAIN LINES.
- PROVIDE 2" RIGID INSULATION BARRIER ABOVE EXISTING WASTE PIPING BELOW FREEZER AND COOLER UNITS. FIELD VERIFY EXACT LOCATION AND DEPTH OF EXISTING PIPING.
- INSTALL NEW FIXTURES AS CALLED OUT. RUN WASTE LINES BELOW FLOOR AND CONNECT TO EXISTING WASTE LINES OF EQUAL OR LARGER SIZE. FIELD VERIFY EXACT SIZE AND LOCATIONS OF ALL WASTE PIPING DURING DEMOLITION AND ADJUST NEW PIPE AS REQUIRED TO CONNECT TO EXISTING.

GENERAL NOTES:

- A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- E- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

ORIGINAL DRAWING SIGNED BY:
DWAYNE C. SUDNEEKS
ON
Oct 03, 2017
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FFKR ARCHITECTS

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HOMESTEAD BUILDING #3 ADDITION

407 W. 1ST N.

REXBURG ID

PERMIT SET 10/03/2017

PLUMBING
FOUNDATION
PLAN

P-100