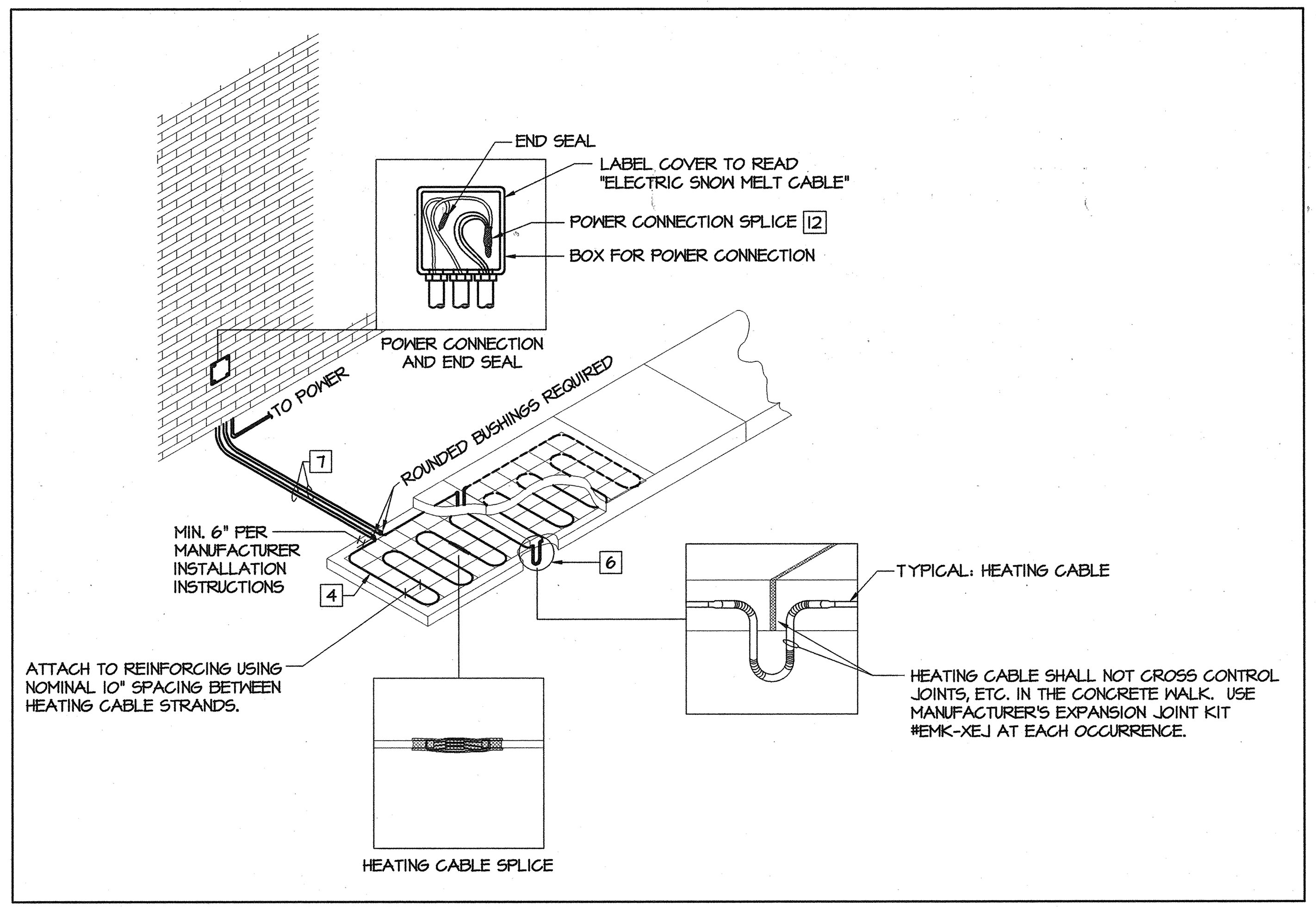
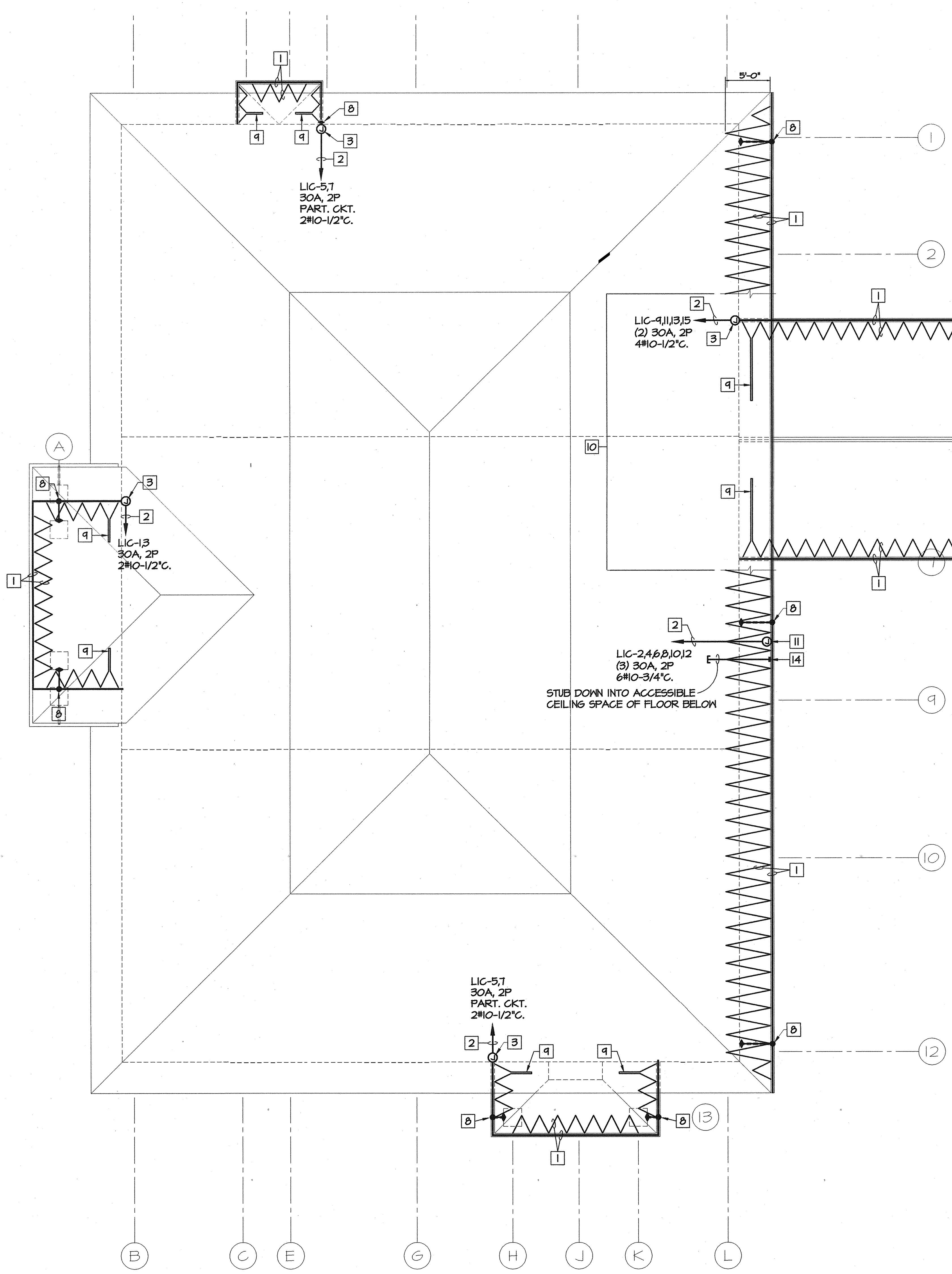


ELECTRIC SNOW MELT CABLE DETAILS

NO SCALE

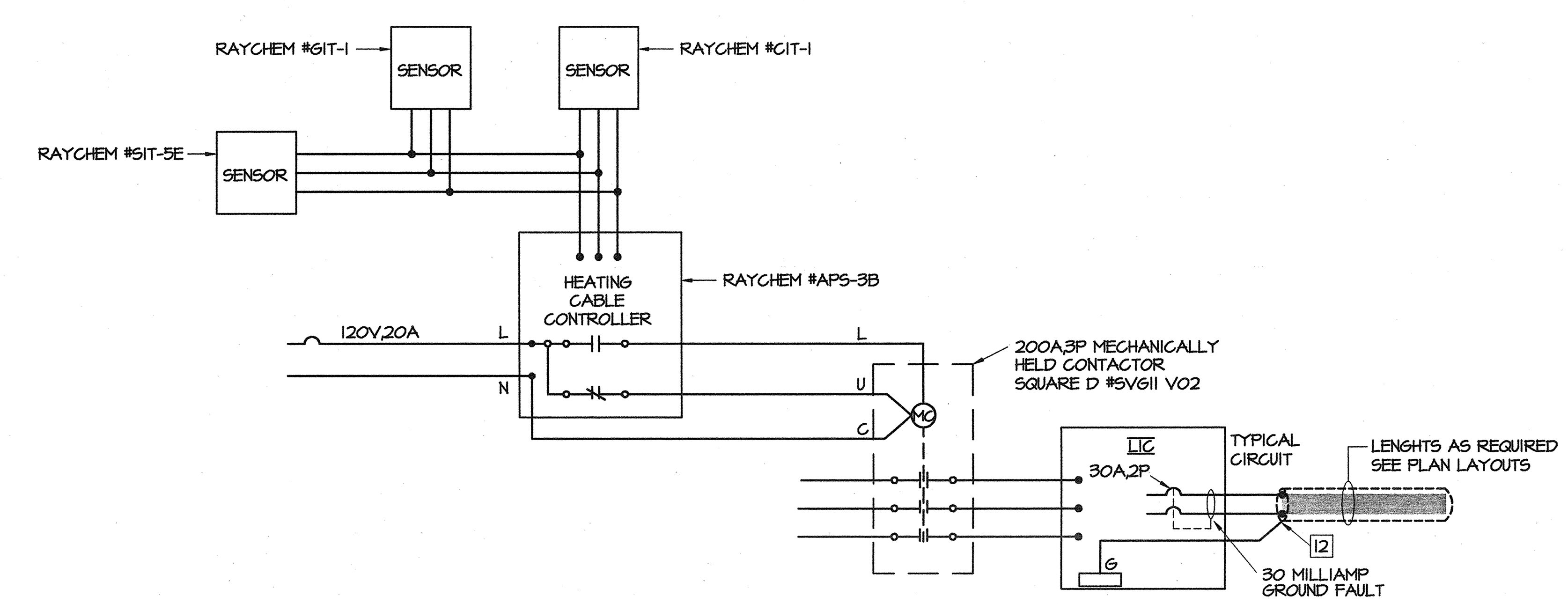
NOTES:

1. FURNISH AND INSTALL RAYCHEM CATALOG #GM-2XT HEATING CABLE FOR ROOF AND GUTTER DE-ICING AS INDICATED. ATTACHMENT OF CABLES TO STRUCTURE TO BE COORDINATED WITH ROOF INSTALLATION AND DETAILS.
2. TO 208V CIRCUIT BREAKER WITH 30 MILLIAMP GROUND FAULT PROTECTION VIA HEATING CABLE CONTROLLER. SEE WIRING DIAGRAM, THIS SHEET.
3. MAKE POWER CONNECTIONS TO HEATING CABLE IN FLUSH MOUNTED SCREW COVER BOX. SEE BOX DETAIL, THIS SHEET.
4. FURNISH AND INSTALL RAYCHEM CATALOG #EM2-XR HEATING CABLE IN DESIGNATED SECTIONS OF WALKWAY. SEE DETAILS, THIS SHEET. ATTACH HEATING CABLE TO REINFORCING MESH USING NOMINAL 10" SPACING ±5" TO THE EDGES OF EACH SECTION OF WALK.
5. MOUNT PRECIPITATION AND TEMPERATURE SENSOR RAYCHEM [illegible]T-1 ON CONDUIT STUB +12" ABOVE CANOPY ROOF LEVEL.
6. USE EXPANSION JOINT KIT AT ALL SAW CUTS, CONTROL JOINTS, EXPANSION JOINTS, ETC. SEE DETAIL, THIS SHEET.
7. RUN HEATING CABLE IN 1" CONDUIT FROM TERMINATING JUNCTION BOX TO PROTECTED PAVEMENT SECTIONS. EXTEND CONDUIT 6" INTO TREATED WALKWAY SECTIONS.
8. TEE SPLICE GUTTER HEATING CABLE TO FEED DOWNSPOUT HEATING CABLE. RUN HEATING CABLE INSIDE DOWNSPOUT BEYOND FROST LINE, A MINIMUM OF 4'-0" BELOW FINISHED GRADE.
9. EXTEND HEATING CABLE UP ROOF ADJACENT TO SIDE WALLS AS DIRECTED BY MANUFACTURER.
10. HEATING CABLE CONTINUES THE FULL LENGTH OF EAST EDGE OF ROOF. BROKEN TO SHOW REQUIREMENTS OF DRIVE-UP CANOPY.
11. JUNCTION BOX ON ROOF OVERHANG FOR SECOND FLOOR HEATING CABLES.
12. SHEATH TO BE CONNECTED TO FULL SIZE GROUND.
13. MOUNT PRECIPITATION AND TEMPERATURE SENSOR RAYCHEM #SIT-5E IN SIDEWALK.
14. MOUNT PRECIPITATION AND TEMPERATURE SENSOR RAYCHEM #GIT-1 IN GUTTERING.



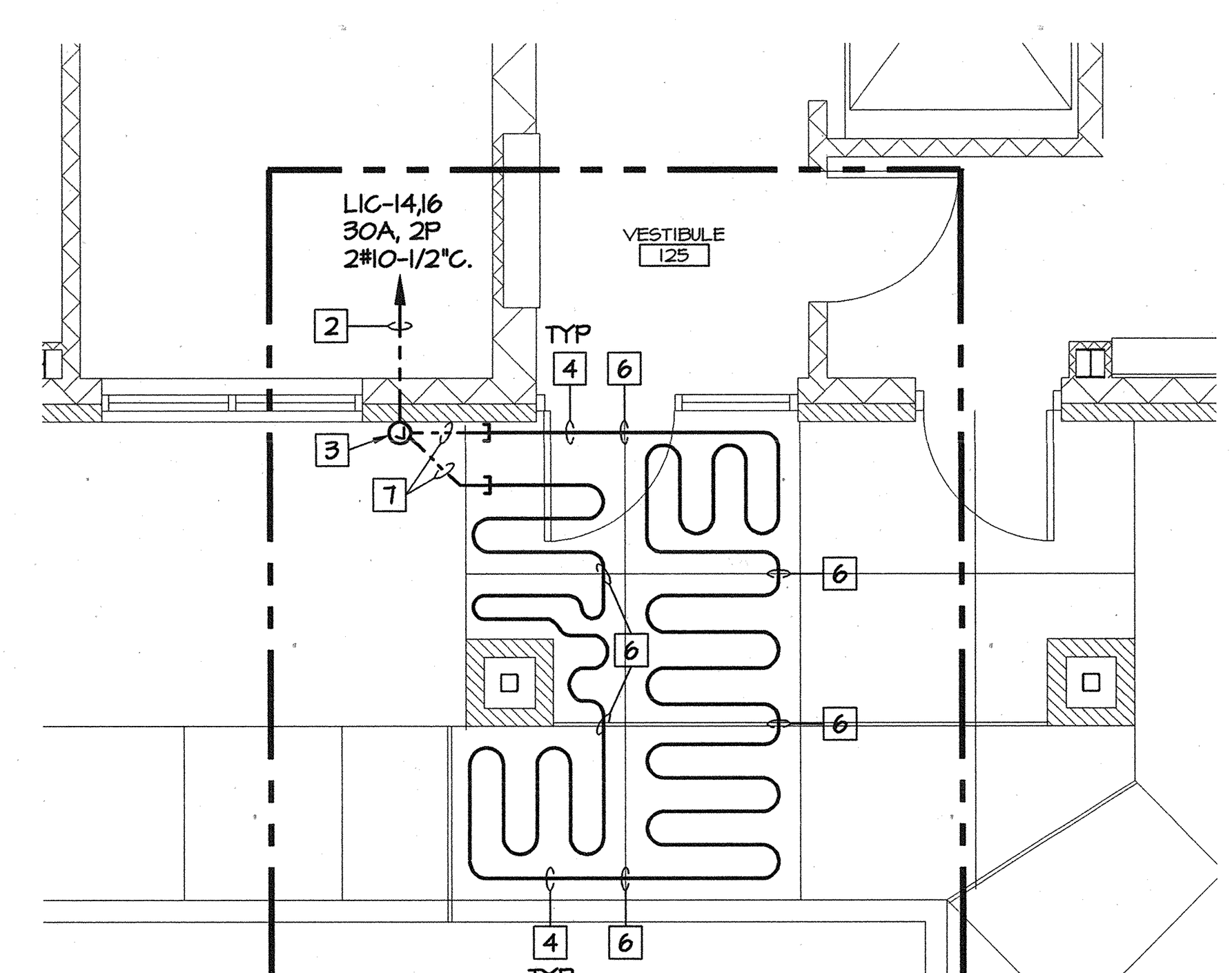
HEAT TRACE PLAN

1/8"=1'-0"



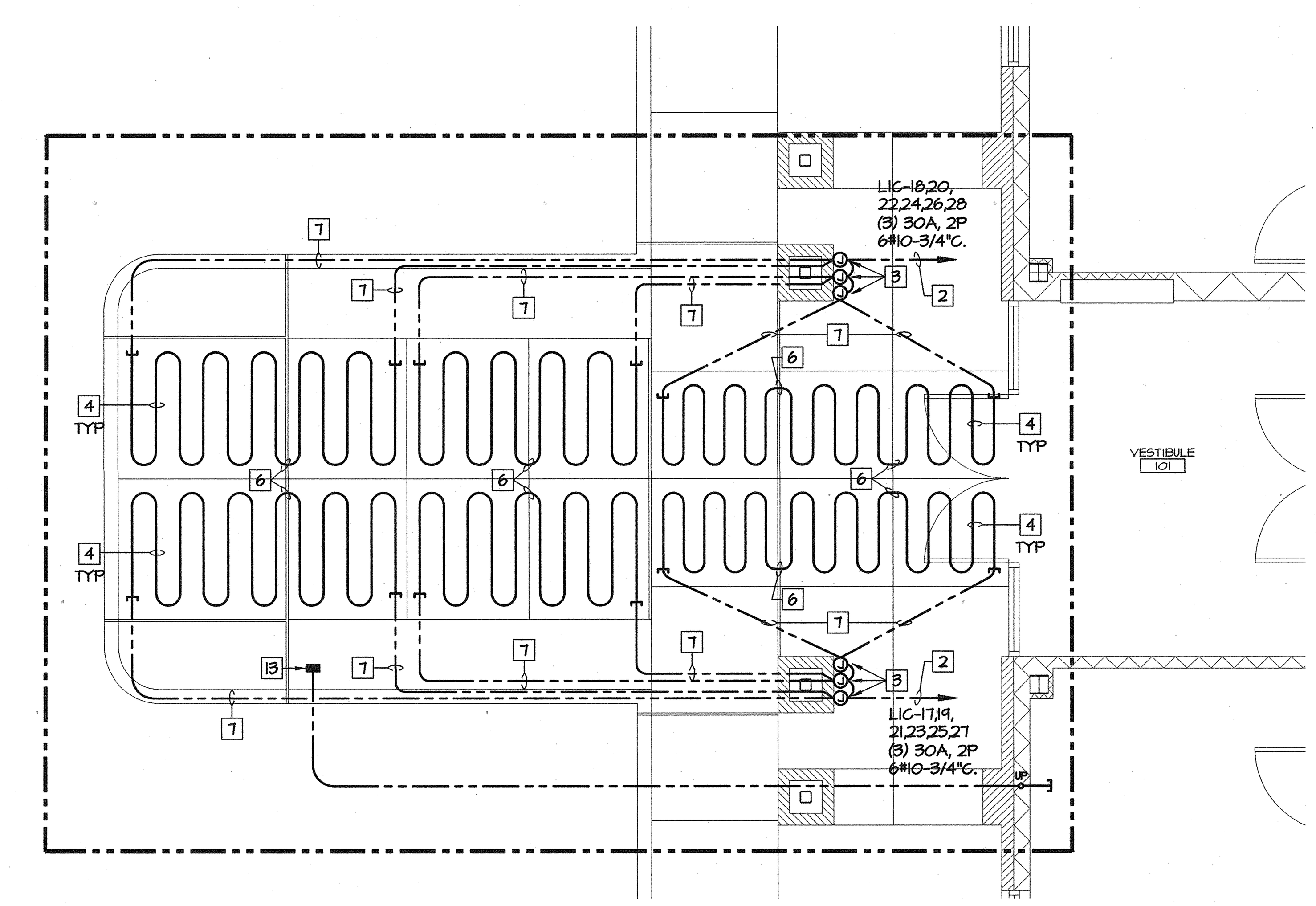
HEATING CABLE WIRING DIAGRAM

NO SCALE



PAVEMENT HEAT TRACE PLAN - SOUTH ENTRY

1/4"=1'-0"



PAVEMENT HEAT TRACE PLAN - MAIN ENTRY

1/4"=1'-0"

Scale: 1=1

G:\Fin3094\E\E4-6 HEAT TRACE.dwg Hbe502
BDR,ABGROOF,ABGFPL,W-FURNI, 02-03-04 @ 15:39

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Portland, Maine

Construction By
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Frederick S. Scott, Architect
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REGISTERED ARCHITECT RONALD L. HOLLANDER No. 731 STATE OF MAINE
REGISTERED ARCHITECT FREDERICK S. SCOTT NUMBER 836 STATE OF MAINE

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DKA	LE	GSA

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Heat Trace Plan

Date: 2-4-04