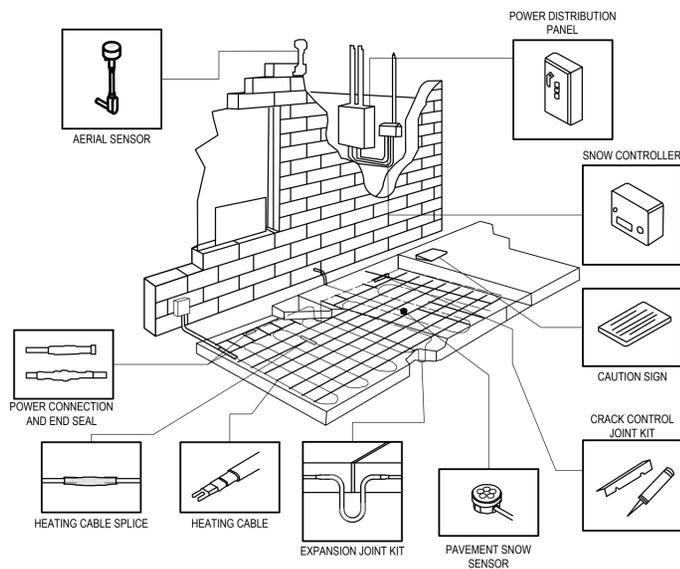




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HOUSTON, TX 77036
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- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 2103510-SVB DD-BR-EL-07

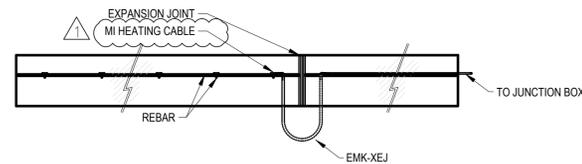
nVENT RAYCHEM ELECTROMELT SNOW MELTING SYSTEMS
ELECTROMELT SYSTEM LAYOUT AND SYSTEM DETAILS

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EXPANSION JOINT DETAIL

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ELECTROMELT SELF REGULATING SNOW MELTING SYSTEMS
ELECTROMELT EXPANSION JOINT DETAIL

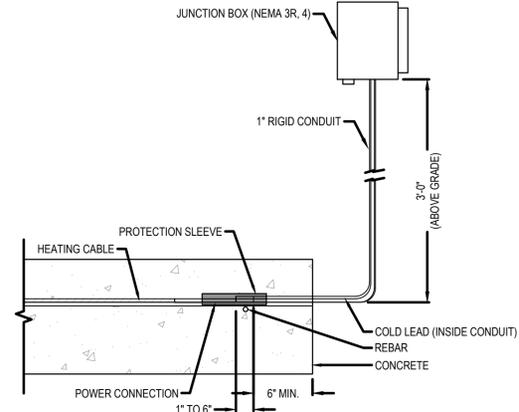
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JUNCTION BOX DETAIL

- NOTES:
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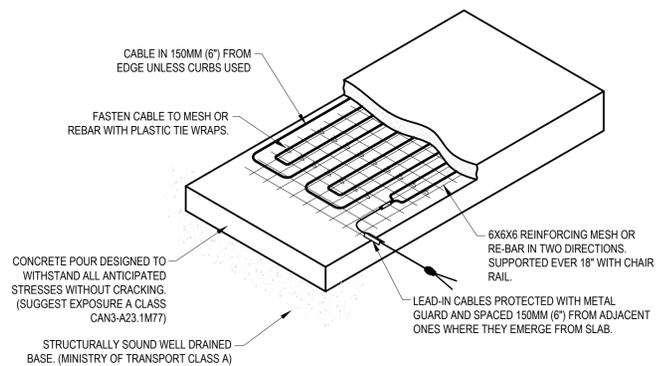
nVent RAYCHEM ELECTROMELT SNOW MELTING SYSTEMS
ELECTROMELT JUNCTION BOX / POWER CONNECTION DETAIL

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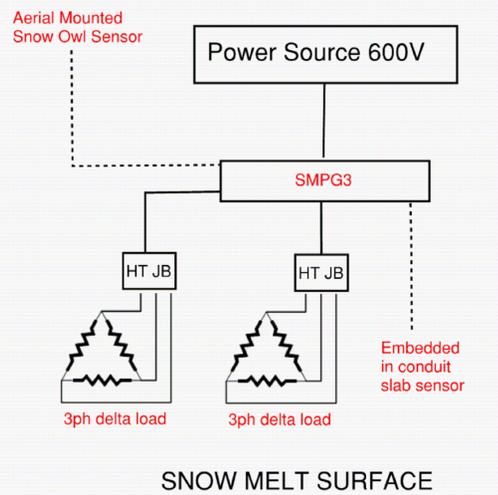


- MANUFACTURER NOTES:
1. LEAD-IN CABLE SHOULD BE TERMINATED IN A JUNCTION BOX ABOVE GRADE LEVEL TO PREVENT MOISTURE FROM ENTERING FROM ENTERING THE BOX.
2. CARE MUST BE TAKEN NOT TO DAMAGE CABLE WITH RAKES, SHOVELS, WHEELBARROWS, ETC.
3. CONTROL JOINTS TO BE PLACED NO FURTHER THAN 20' IN ANY ONE DIRECTION.
4. CUT CONTROL JOINTS 1/8" WIDE AND 3/4" DEEP APPROX. 6 HOURS AFTER PLACING CONCRETE.
NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
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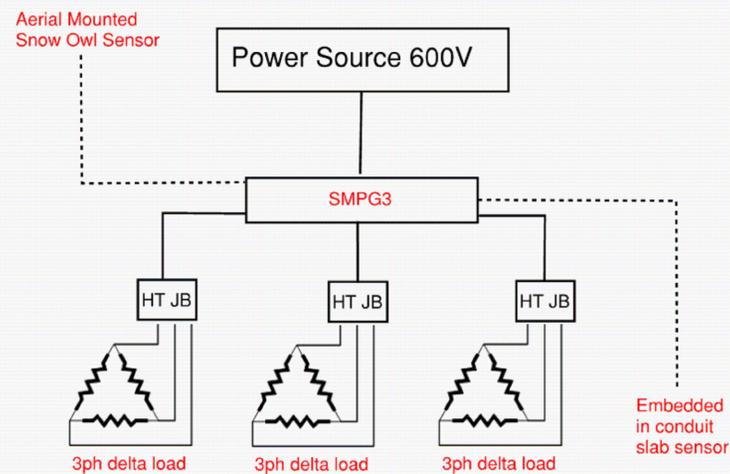
RAYCHEM MINERAL INSULATED SNOW MELTING SYSTEMS
RAYCHEM - CONCRETE SINGLE POUR INSTALLATION DETAIL

REVISION DATE 12/01/2023

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DETAIL 'B' - NORTH TUNNEL SNOW MELTING SYSTEM INSTALLATION. N.T.S.



DETAIL 'C' - SOUTH TUNNEL SNOW MELTING SYSTEM INSTALLATION. N.T.S.

LOCATION APPROVED UNDERGROUND STRUCTURES

NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

Table with columns for No., REVISIONS, and DATE.

Table with columns for BM, ELEV, and DATE.



Table with columns for DESIGNED BY, DRAWN BY, CHECKED BY, APPROVED BY, and DATE.

Table with columns for PROFESSIONAL'S SEAL, CONSULTANT FILE NAME, and DATE.

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
ST. VITAL TWIN BRIDGE OVER THE RED RIVER REHABILITATION AND RELATED WORKS
DETAILS SNOW MELTING SYSTEM INSTALLATION
CITY FILE NUMBER B116-24-11
SHEET 237 OF 244
DRAWING NUMBER 237



TENDER No. 615-2022