

## 1. GENERAL INFORMATION

### Description

Maximize safety and security in residential, commercial, industrial and public areas by reducing slips and falls caused by snow and ice. Eliminate the use of salt and chemicals used to remove snow and ice. This custom TXLP/1 single conductor heating cable system is normally used due to high loads and varying lengths required for many different applications. There is no need to shovel or chip off ice when installed properly on driveways, walkways, ramps, stairs, parking lots and other outdoor spaces. The Britech Snow Melting System offers maximum flexibility for installation in large spaces and any irregular shaped areas — and can be installed under asphalt, concrete, and interlocking stones.

### Technical Information

- Max. continuously operating temperature outer jacket 65 °C (149 °F)
- Min. bending radius is 5x cable diameter Overall diameter approx. 6.5 mm (1/4")
- Tolerance on conductor resistance: -5 to + 10%
- Highest system voltage: 600 V
- Stranded resistance wire, XLPE insulation, earthing conductor, metallic sheath (aluminum), PVC outer jacket.

### Accessories

Available accessories for installation of Britech Snow Melt and Ice Control Systems

HT-3 Label	Electric Snow Melt Warning Label
HT-1 Label	Electric Heat Trace Warning Label
BRIPP-75	Galvanized Clip Strip
BRISS-75	Stainless Steel Clip Strip
HT-2 Sign	Lamacoid Snow Melt Warning Sign

### Controls

Weather proof thermostats, snow sensors and controls are available for any application. Contact Britech for selection assistance.

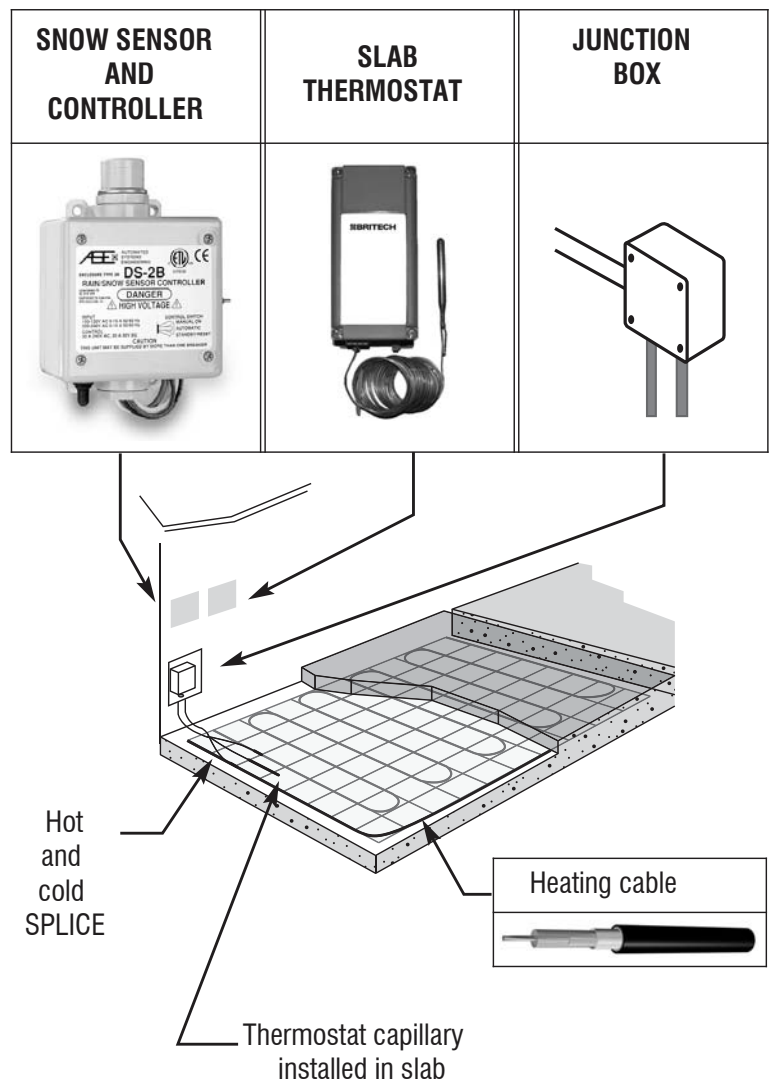
### Approvals



### For Technical Assistance:

For product selection, design assistance and technical questions please contact Britech at 1-877-335-7790

### Britech Snow Melting System



## 2. TYPICAL INSTALLATION EXAMPLES



### Typical Cable Installation on Driveway

Heating cables are tied onto rebar or reinforcing mesh and the finished surface is installed (asphalt, interlock, or concrete).

**Asphalt:** rake in first layer by hand, roll lightly, then apply second layer.

**Interlock:** install 1" minimum sand or crush over cable. Compact and install pavers.

**Concrete:** lift mesh to centre of pour. Pour concrete.



### Finished Installation of Interlock Walkway

Different heating inputs are required for residential, commercial, and industrial applications as well as geographical location.



### Clip Strip Installation on Driveway

A cost effective alternative to reinforcing mesh or rebar, stainless steel clip strips are nailed into the surface to hold cable in place during installation of the surfacing material. Clip Strips are spaced on 2-3' centres and have tabs that are bent over the cable to make installation fast and easy. Strips can be arrayed to suit any layout and will not harm cable when installed properly.



### **Cable Installation on Stairs**

Heating cables on stairs and landings are engineered for the location and application. They can be installed in new construction or renovation applications under tile, marble, stone or any approved exterior surface.

Simply tie onto rebar for poured steps or attach stainless steel clip strips to the exterior of the stair, clip cable in and attach step coverings as usual.



### **Cold Leads Extended to Buried Box**

This ramp retrofit is a two-pour concrete installation. The upper level was stripped to remove the old corroded metal clad cables and install new corrosion resistant cables. Because the heating cable connections had to be made on only one side of the ramp it was necessary to make custom cables with extra long cold leads to reach the cables on the far side and connect to the junction boxes.



### **Cable in Retrofit Installation**

The ramp as shown was previously heated with a metal clad cable that corroded. To avoid disruption to the traffic flow on the ramp and keep costs down only the most seriously damaged parts of the ramp were removed. Slots were sawn in the ramp and the heating cables were installed. The slots will be filled with grout to maintain the strength of the ramp and protect the cable.

The result is a new heating system with minimum downtime and cost.

### 3. SPECIFICATION FOR DESIGN & INSTALLATION

*SUGGESTED SPECIFICATION FOR DESIGN AND INSTALLATION OF CONSTANT WATTAGE  
ELECTRIC HEATING SYSTEMS FOR SNOW AND ICE MELTING IN TEMPERATURE CONTROLLED  
RAMPS, SLABS, SIDEWALKS, DRIVEWAYS, ETC.*

#### PART 1 - GENERAL

##### 1.1 Scope

This specification covers the general requirements for the design and installation of the Britech Snow and Ice Melting System. The electrical contractor shall supply and install a complete snow and ice melting system which shall consist of the following:

- Electric heating cables (1.1.1)
- Temperature controllers and auxiliary sensors (2.1, 1.2)
- Accessory materials such as contactors, pre-punched strapping, junction boxes, etc. (3.1, 1.3)
- Heating panel and feeders (4.1, 1.4)

The extent of the snow and ice melting system is as shown on specification sheets and architectural drawings.

1. The entire design and installation of the system shall comply with the Electrical Code (current edition) and the requirements of the "Authority Having Jurisdiction".
2. The manufacturer shall have a minimum of 25 years experience manufacturing the heating cables herein specified.

#### PART 2 - PRODUCTS/MATERIALS

##### 2.1 Heating Cable

The TXLP/1 heating cable manufactured by Nexans consists of a series resistance heating wire, insulated by a crosslinked polyethylene, covered with a metallic sheathing and an outer PVC jacket. Each cable includes a multi-stranded copper ground conductor running the full length of the cable. Type UF lead wire, length as required, shall be factory crimped to the cable. Cable shall be CSA & UL listed and meet the latest NEC regulations when properly installed.

The cable is a single conductor, series resistance cable designed specifically for the application. The cable shall have the ability to be in contact with metallic mesh or wire in accordance with NEC regulations. Manufacturer's instructions shall be followed.

1. To ensure maximum snow melting rate, heat output shall not decrease as the temperature of the slab increases. Heating cables that modulate their thermal output and cannot be checked for circuit integrity, or are characterized by high inrush currents at start-up are not acceptable.
2. Heating cables will be designed for operation on one supply voltage up to 600 V.

##### 2.2 Controls

All heating circuits shall be controlled by one or more of the following methods:

- 1) A high limit slab sensing thermostat and / or timer.
- 2) An automatic snow / ice sensor (preferred) that detects precipitation occurring at temperatures below 38 °F (4 °C).
- 3) Where the rating of the controller would be exceeded, it shall be used in conjunction with a relay or contactor.

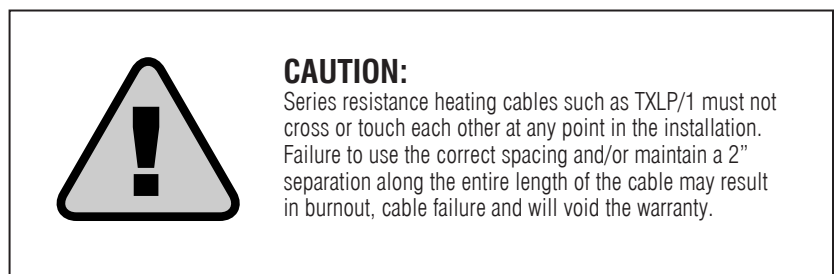
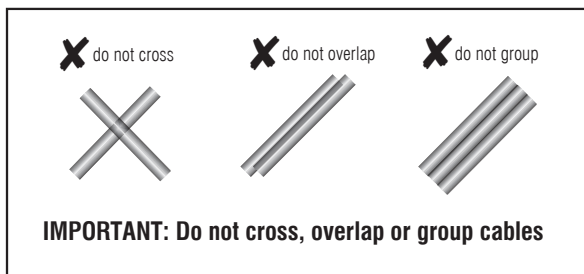
**SPECIFICATION FOR DESIGN & INSTALLATION CONTINUED...**

*SUGGESTED SPECIFICATION FOR DESIGN AND INSTALLATION OF CONSTANT WATTAGE  
ELECTRIC HEATING SYSTEMS FOR SNOW AND ICE MELTING IN TEMPERATURE CONTROLLED  
RAMPS, SLABS, SIDEWALKS, DRIVEWAYS, ETC.*

**PART 3 - EXECUTION**

**3.1 Installation**

1. Cable sheaths shall not touch one another nor shall cables cross expansion joints. Special procedures are required for crossing control and construction joints.
2. Heating cables are laid out at the specific spacing. Spacing should not be greater than 6 inches to ensure reasonably uniform distribution of heat.



3. All junction boxes shall be located in accessible areas. Junction boxes shall not be located in the heated slab, but shall be located above grade level. Covers shall be kept on boxes at all times when not working therein.
4. All terminations shall be protected from the weather and from physical damage and bonded to the system ground.
5. Any field alterations or deviations shall proceed only after the engineer has issued authorization. All changes shall be accurately recorded by the contractor and shall be turned over to the engineer upon completion of that phase of the work.

**3.2 Testing**

6. Field testing of insulation resistance and continuity of the units shall be carried out with a 500 Volt insulation tester and recorded by the electrical contractor. Testing shall be done when received on the job site, during installation, and after installation by the Electrical Contractor.
7. Insulation resistance shall be consistently not less than 5 megohms.
8. Conduct a complete system test of the controls to verify cable operation.
9. Copies of all such testing shall be delivered to the Engineer.

## 4. OUTDOOR AND INDUSTRIAL APPLICATIONS

### Sizing

The amount of load to be installed is determined principally from what is required of the installation with regard to the climatic conditions and the control system. Consult the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) or other guidelines for local conditions and requirements.

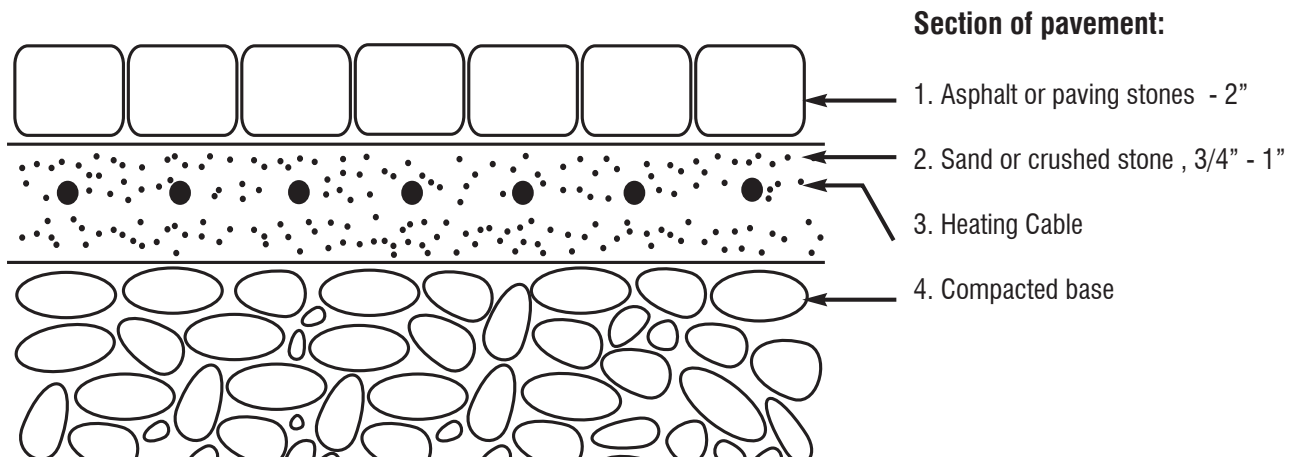
For **continuous operation** and manual control, the following loads may be used as an example:

Surfaces of road, sidewalks and similar: approximately 377 W/m<sup>2</sup> (35 W/sq ft)

External stairs: 377-430 W/m<sup>2</sup> (35-40 W/sq ft)

For **instantaneous operation** or fully automatic control, the installed loads need to be in the range of 377 to 430 W/m<sup>2</sup> (35 to 40 W/sq ft) or even up to 484 W/m<sup>2</sup> (45 W/sq ft).

For wheel tracks with a width of approximately 457 mm (18"), the load should be approximately 377 W/m<sup>2</sup> (35 W/sq ft) or more for a single track. Consult Britech for specific heat requirements.

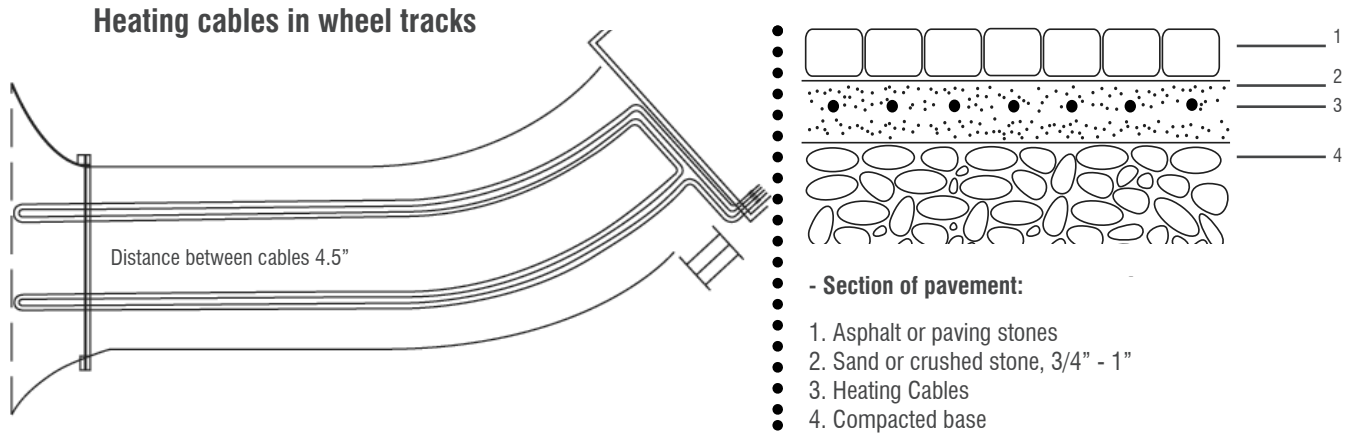


### Constructions

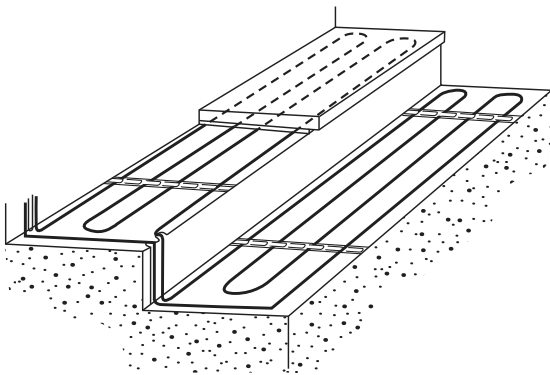
For roads, driveways, sidewalks, etc., the heating cable should be installed on a base consisting of compacted stone/sand or similar.

If the heating cable is installed on an insulated base, a wire netting should be used in order to prevent the cable from being compressed into the insulation. The structural base should be frost free in order to prevent uneven frost heaving.

The cables are normally covered by 50 mm (2") of asphalt, concrete, sand or concrete paving slabs.



**Wheel Tracks Example:** Length of the driveway is approximately 15 m. Two heating cables of 65 m each / 0.30 ohm/m at 240 V Load 2957 W per cable, which gives approximately 40 W/sq. ft. of wheel track.



**Heating cable on stairs**

## Stairs

The Nexans TXLP/1 heating cable on stairs should be laid lengthways on the steps so that they only lie on the horizontal surfaces. The cables are embedded in mortar covered with a 50 mm (2") screed or paving slabs. Normally in small stairs, single or twin conductor units are used with 3-5 cable runs in each step.

## Choice of Cable

Use series resistance heating cable, single or twin conductor units for small areas and single conductor customized units for larger areas.

## Limitations

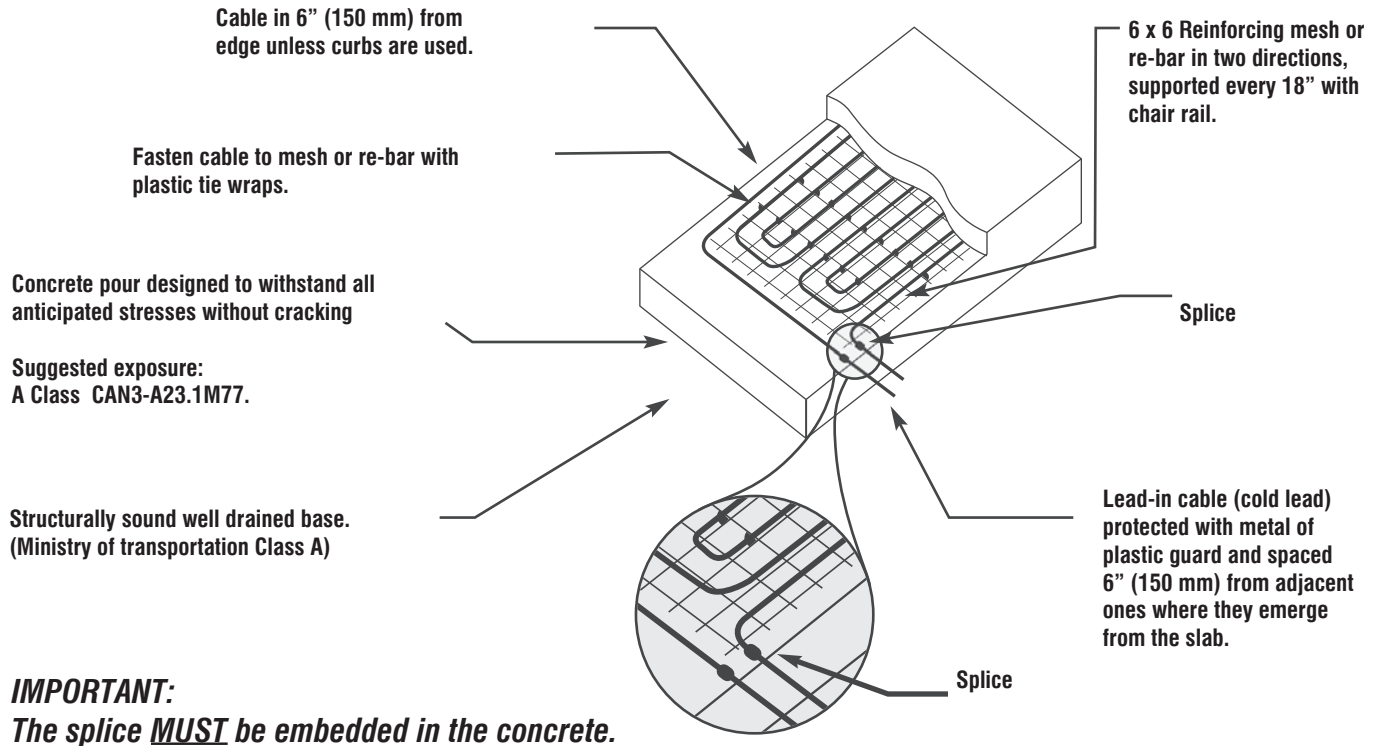
With sand /slab: Maximum 50 W/m (15 W/ft)

Asphalt: Maximum 50 W/m (15 W/ft)

Concrete: Maximum 50 W/m (15 W/ft)

## 5. INSTALLATION GUIDE FOR VARIOUS OUTDOOR APPLICATIONS

### 1) SINGLE POUR CONCRETE



#### NOTES:

- 1) Lead-in cable should be terminated in a junction box above grade level to prevent moisture from entering the box.
- 2) Care must be taken not to damage the cable with rakes, shovels, wheelbarrows, etc.
- 3) Control joints to be placed no further than 20 feet in any one direction.
- 4) Cut control joints 1/8" wide and 3/4" deep approximately 6 hours after placing concrete.

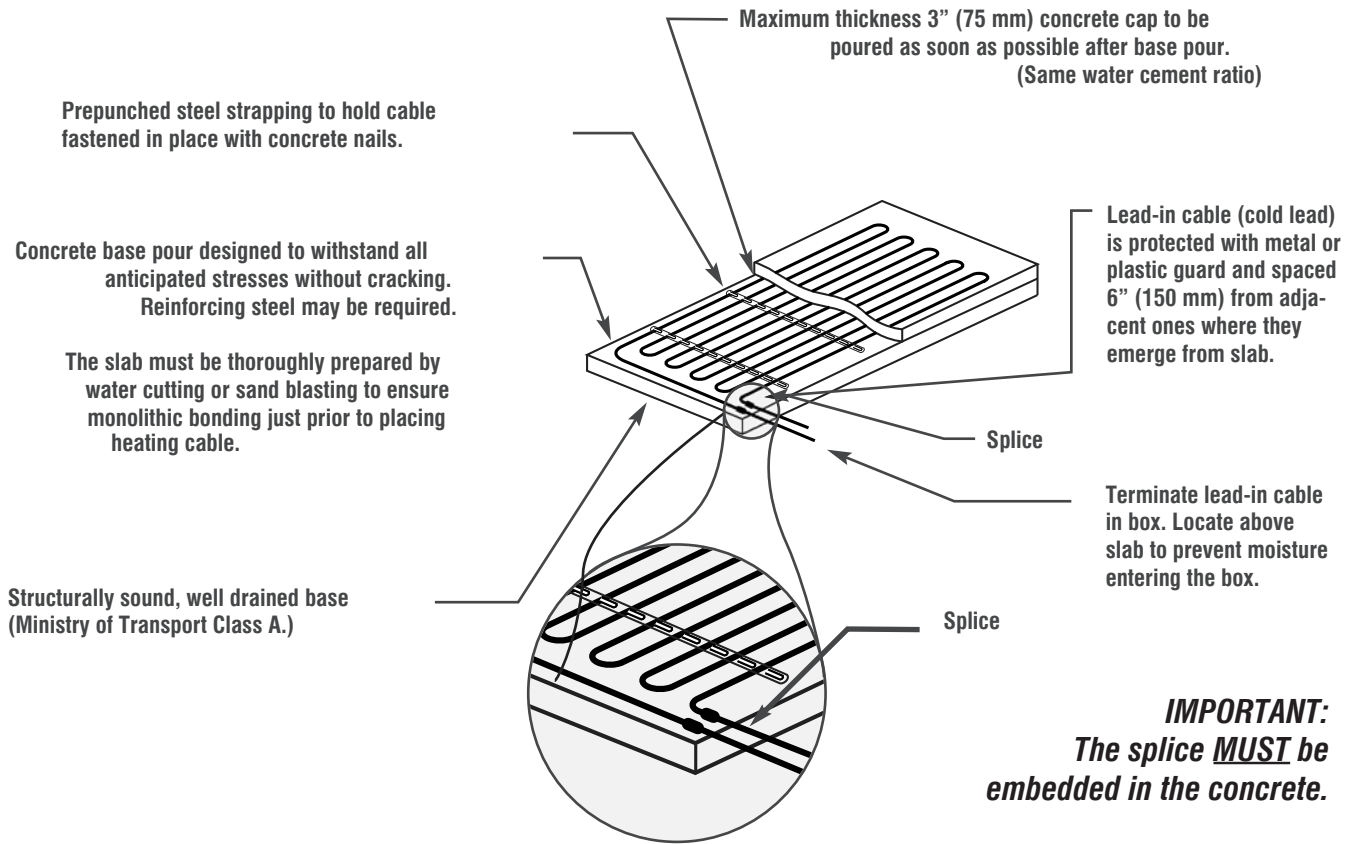
#### TO DETERMINE SPACING:

Multiply the surface area (sq ft) by 12 and divide by the heating cable length (ft)

Example: (170 sq ft x 12) / 340 ft = 6.0"



## 2) TWO POUR CONCRETE



### NOTES:

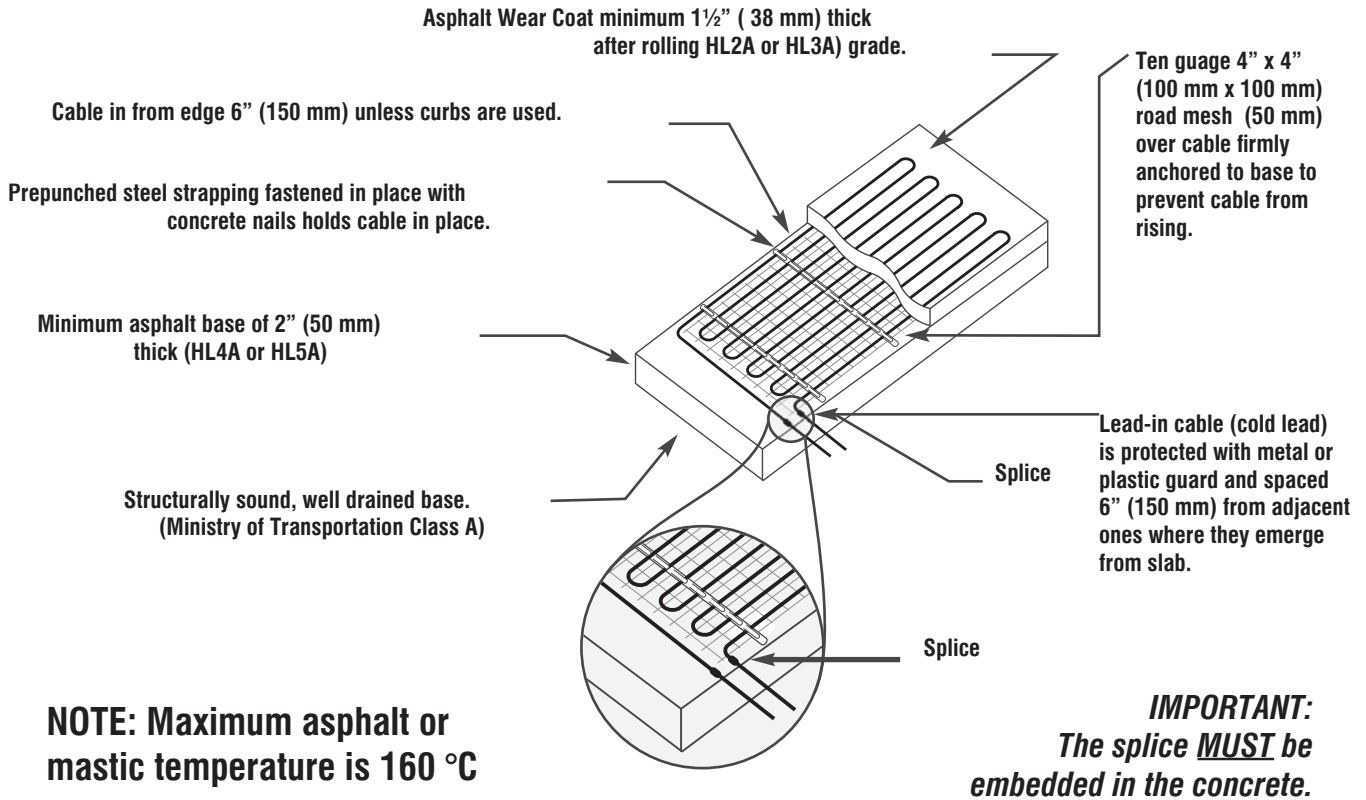
- 1) Maximum slab area without control or expansion joints recommended for a heating installation 400 sq ft (37 m<sup>2</sup>), no greater than 20 ft (6 m) in any one in any one direction.
- 2) Lead-in cable should be terminated in a junction box above grade level to prevent moisture from entering the box.
- 3) Care must be taken not to damage the cable with rakes, shovels, wheelbarrows, etc.
- 4) Control joints to be placed no further than 20 feet in any one direction.
- 5) Cut control joints 1/8" wide and 3/4" deep approximately 6 hours after placing concrete.

### TO DETERMINE SPACING:

Multiply the surface area (sq ft) by 12 and divide by the heating cable length (ft)

Example: (170 sq ft x 12) / 340 ft = 6.0"

### 3) ASPHALT



#### NOTES:

- 1) Lead-in cable should be terminated in a junction box above grade level to prevent moisture from entering the box.
- 2) Care must be taken not to damage the cable with rakes, shovels, wheelbarrows, etc.
- 3) A layer of asphalt at least 1" (25 mm) thick must be placed over the cable manually and rolled with a 1½ Ton (5080 kg) roller to protect cables from equipment during paving.
- 4) If wear course is to be machine laid, use pneumatic tired equipment.

#### TO DETERMINE SPACING:

Multiply the surface area (sq ft) by 12 and divide by the heating cable length (ft)

Example: (170 sq ft x 12) 340 ft = 6.0"

#### 4) ASPHALT WITH CONCRETE BASE

Cable in from edge 6" (150 mm) unless curbs are used.

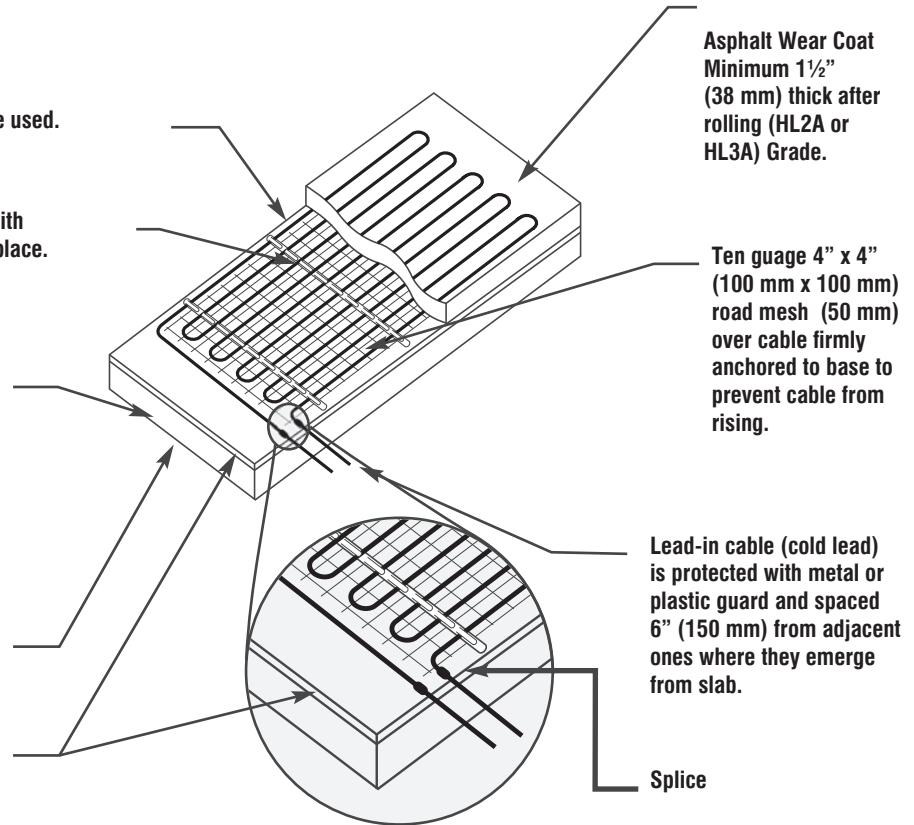
Prepunched steel strapping fastened in place with concrete nails holds cable in place.

Concrete base pour designed to withstand all anticipated stresses without cracking.

Reinforcing steel may be required. Slab must be free of debris and laitance. Suggested cleaning by water cutting or sand blasting.

Structurally sound well drained base (Ministry of Transportation Class A).

Layer of asphalt 1" (25 mm) (HL4A ou HL3A minimum).



Asphalt Wear Coat  
Minimum 1½" (38 mm) thick after rolling (HL2A or HL3A) Grade.

Ten gauge 4" x 4" (100 mm x 100 mm) road mesh (50 mm) over cable firmly anchored to base to prevent cable from rising.

Lead-in cable (cold lead) is protected with metal or plastic guard and spaced 6" (150 mm) from adjacent ones where they emerge from slab.

Splice

**NOTE: Maximum asphalt or mastic temperature is 160 °C**

**IMPORTANT:**  
*The splice MUST be embedded in the concrete.*

#### NOTES:

- 1) Lead-in cable should be terminated in a junction box above grade level to prevent moisture from entering the box.
- 2) Care must be taken not to damage the cable with rakes, shovels, wheelbarrows, etc.
- 3) A layer of asphalt at least 1" (25 mm) thick must be placed over the cable manually and rolled with a 1½ Ton ( 5080 kg) roller to protect cables from equipment during paving.
- 4) If wear course is to be machine laid, use pneumatic tired equipment.

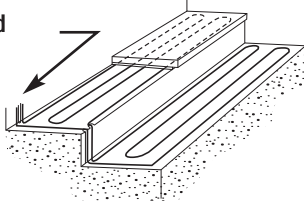
#### TO DETERMINE SPACING:

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Example: (170 sq ft x 12) 340 ft = 6.0"

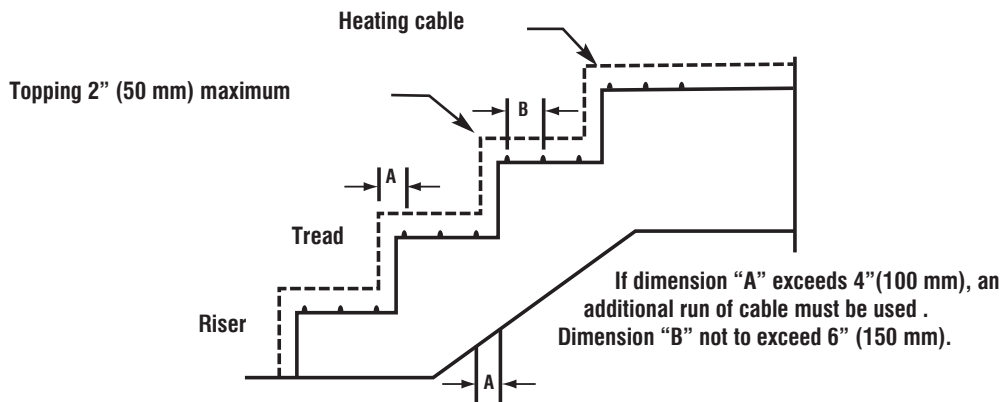
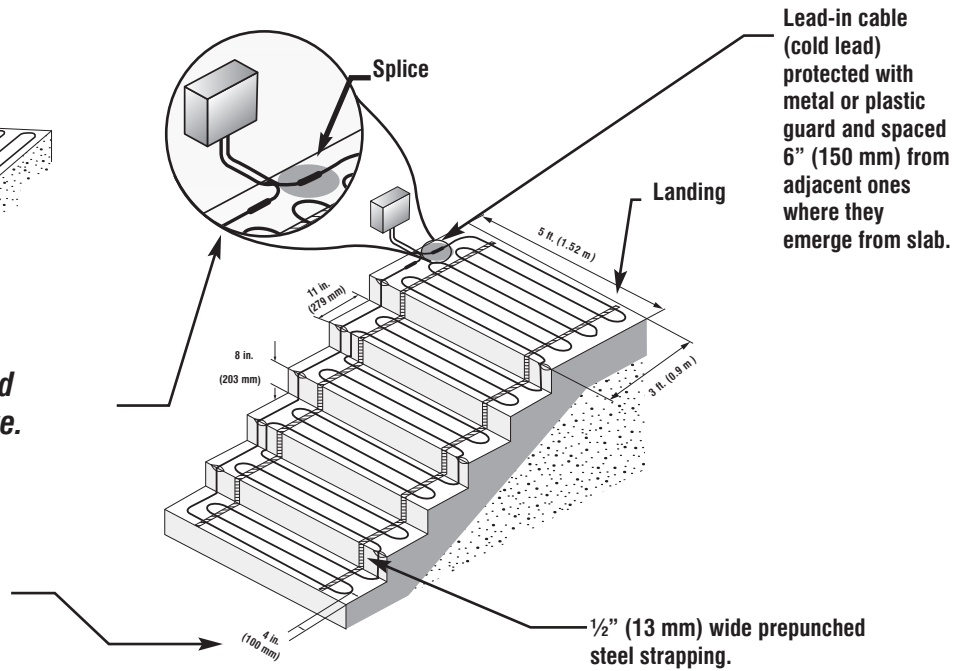
**5) STAIRS**

Corner removed



**IMPORTANT:**  
The splice **MUST** be embedded in the concrete or tile adhesive.

The cable must be at least 4" (100 mm) from the edge.



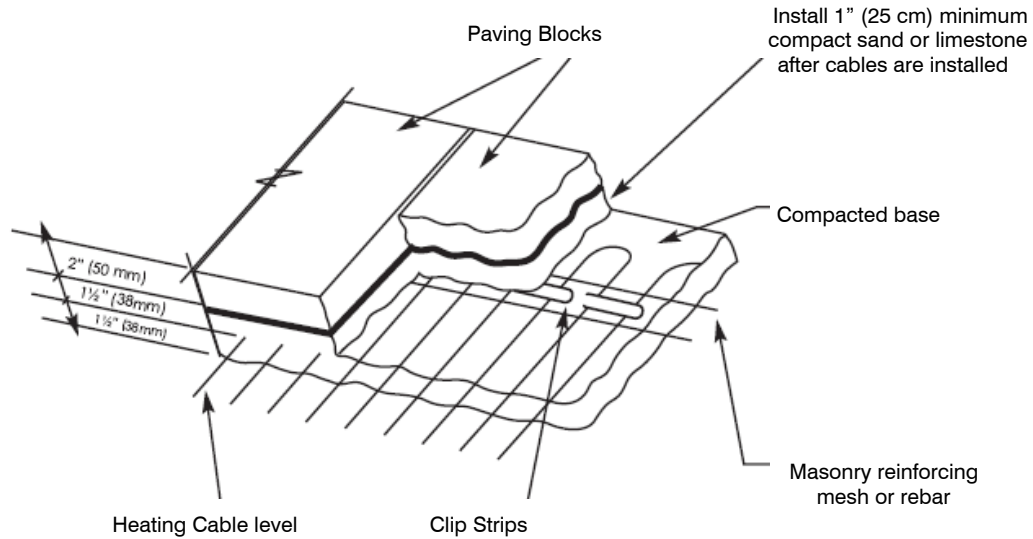
**NOTE:** When using the two pour method, base slab must be clean, wetted and then coated with a cement slurry. Slurry must not dry before the top cap is poured.

**TO DETERMINE SPACING:**

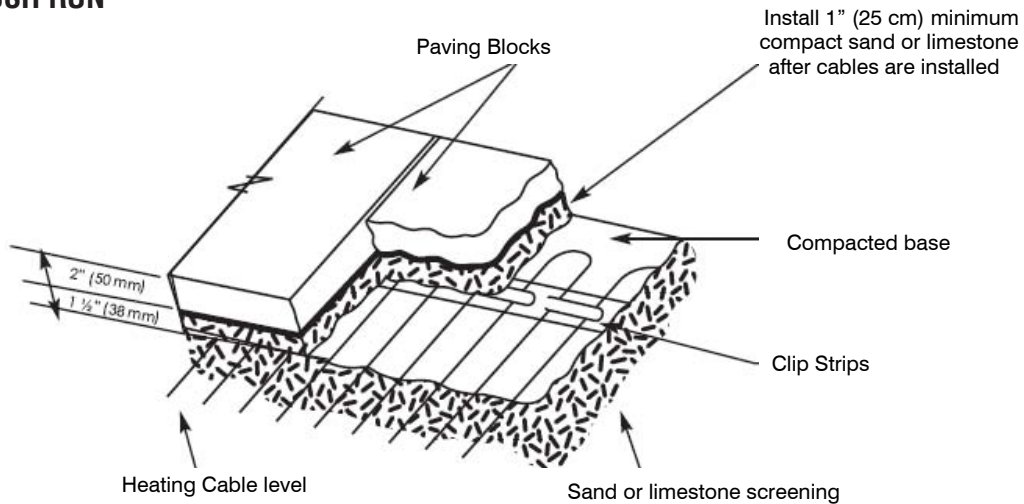
Multiply the surface area (sq ft) by 12 and divide by the heating cable length (ft)

Example: (170 sq ft x 12) 340 ft = 6.0"

**6) PAVERS ON CONCRETE**



**7) PAVERS ON CRUSH RUN**

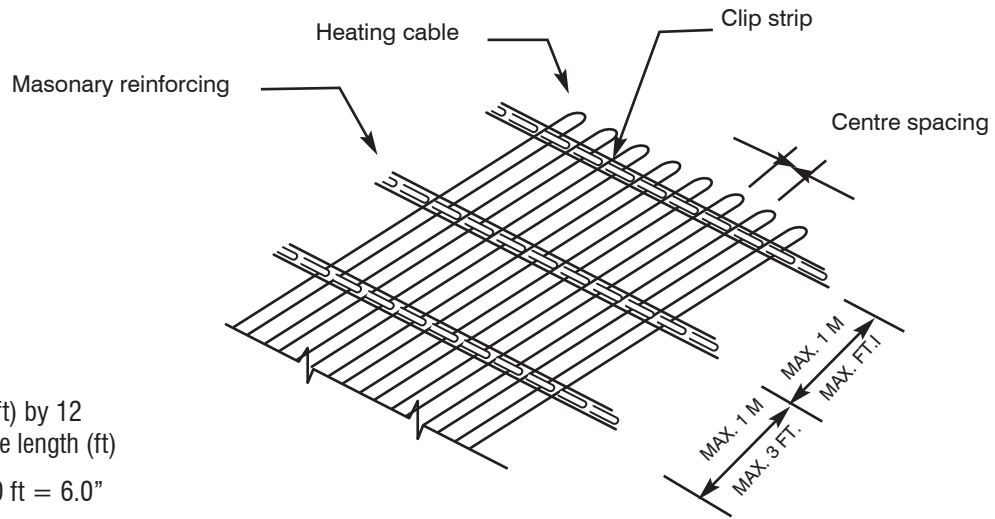


**TO DETERMINE SPACING:**

Multiply the surface area (sq ft) by 12 and divide by the heating cable length (ft)

Example: (170 sq ft x 12) 340 ft = 6.0"

**8) USING CLIP STRIP**

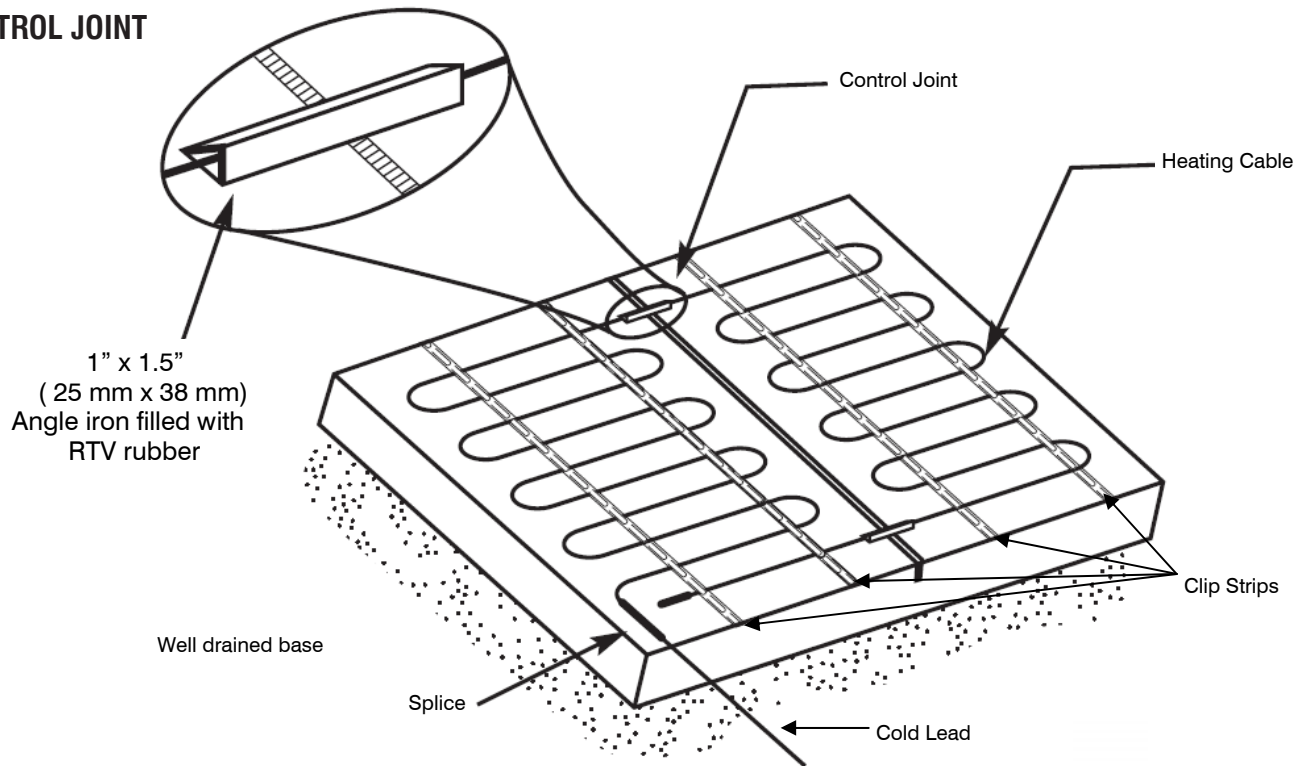


**TO DETERMINE SPACING:**

Multiply the surface area (sq ft) by 12 and divide by the heating cable length (ft)

Example: (170 sq ft x 12) 340 ft = 6.0"

**9) CONTROL JOINT**

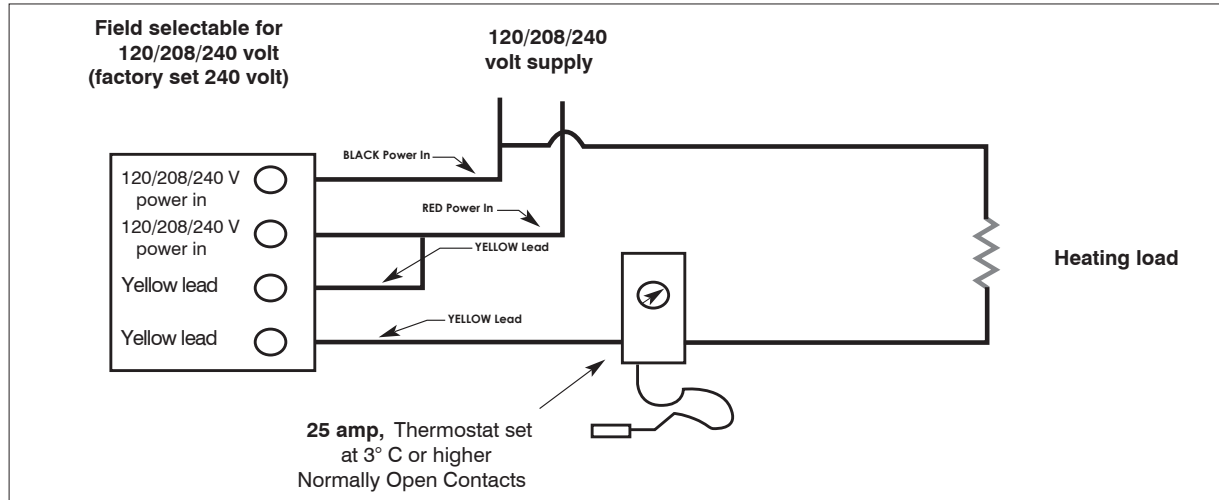


**Method of crossing control joint with heating cable in concrete slab.**

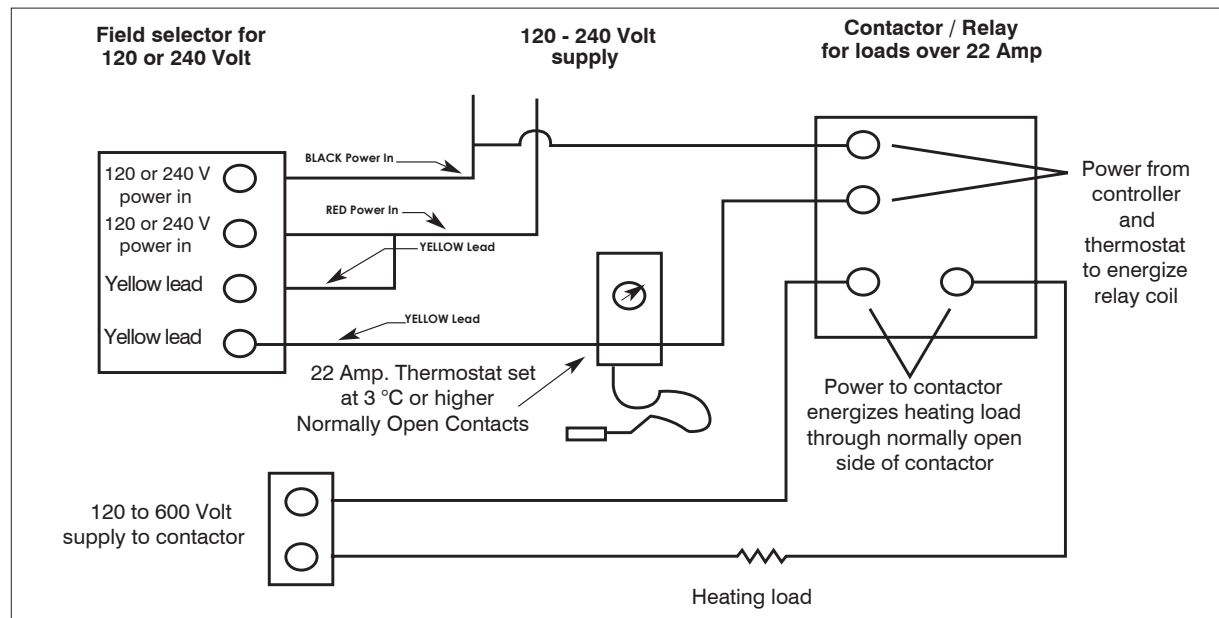
**IMPORTANT: The splice MUST be embedded in the concrete.**

## 6. SNOW MELT CONTROL DS-2B SCHEMATIC

### DIRECT CONNECTION — LOADS UNDER 22A



### DIRECT CONNECTION — LOADS OVER 22A



### Maximum 22 Amp. 240 Volts supply to sensor and thermostat

**SETTINGS:** Check instruction manual to ensure the timer, temperature settings and dip switches are set.

**NOTE: FAILURE TO ACCURATELY SET ALL FUNCTIONS WILL RESULT IN POOR PERFORMANCE**

- Timer should be set for 90 minutes "ON"
- Temperature switch to be set to 34 °F to 35 °F (1 °C to 1.5 °C)
- Dip switches set as following:
 

LTC	OFF
DEL	ON
RAIN	OFF
SNOW	ON

**Product Name:** \_\_\_\_\_

**Model #:** \_\_\_\_\_ **Watts:** \_\_\_\_\_ **Volts:** \_\_\_\_\_

**Supplier/Purchased from:** \_\_\_\_\_

**APPLICATION:**  FLOOR WARMING  RADIANT HEATING  SNOW MELTING  ROOF DE-ICING  PIPE TRACING  OTHER

**LOCATION :** \_\_\_\_\_

<b>TEST</b>	<b>Before commencing installation</b>	<b>After installation but before final surface</b>	<b>After final surface installation</b>
<b>Continuity</b>			
<b>Resistance of Cable (OHMS)</b>			
<b>Insulation Resistance (M OHMS)</b>			

**Address of Installation:** \_\_\_\_\_

**Date of Installation:** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (MM/DD/YY)

**Name of Qualified Electrician:** \_\_\_\_\_

**Signature of Qualified Electrician:** \_\_\_\_\_

**IMPORTANT: The system warranty is not valid without evidence that the system resistance has been tested. Control Card must be completed and given to the property or homeowner upon completion of installation and required testing.**

 For assistance with your heating cable product please contact Britech by calling 1-877-335-7790 or email [info@britech.ca](mailto:info@britech.ca)



## WARRANTY POLICY

All products sold in Canada by Britech Corp. carry the original manufacturers warranties. Britech's policy is to exchange any non-performing product with a similar product or product of equal value during its warranty period as outlined in the terms below. Full product warranties can be obtained from the manufacturer online and/or by request.

Britech will administer and promptly process all warranties in accordance with the manufacturer's specific warranty policies and procedures.

Britech will provide technical assistance to assist the end user or installer in the best method of operation, application and installation.

Custom heating cables carry a twenty (20) year warranty. Warranty on custom TXLP cables is provided by Nexans (refer to their warranty statement summary).

For more information regarding warranty terms or for assistance with your heating cable product please contact Britech Corp. at 1-877-335-7790

## Warranty Terms for Heating Cables, Mats & Custom Cable Units:

**BRITECH Terms of Limited Warranty (Summary):**  
This guarantee applies to the following Britech label products: TECH-MAT™, SNOW-MAT™, SNOW-MELT™ and BRI-THIN™ Cables.

Britech warrants to the original purchaser only, that the product is to be free of any defects in material or workmanship during the first twenty (20) years after the date of purchase under proper and normal use of the system. This guarantee is a material warranty only and does not cover any labor or other installation cost. The warranty does not cover installations made by unauthorized persons or faults caused by incorrect design by others, misuse, damage caused by others, damage in transit, incorrect installation and any other subsequent damage that may occur. Repair and/or replacement will be fully chargeable if damage is result of any of the above reasons.

Britech is under no circumstances liable for any incidental, special, or consequential damages or losses including without limitation the loss or profit arising from any cause whatsoever. To obtain a replacement under this warranty, please send a description of the defect, proof of purchase, and the damaged product, shipping paid to Britech at the address noted below. The warranty is void if there is any payment default and if data is not filled-in on the control card. [www.britech.ca](http://www.britech.ca)

### NEXANS Terms of Limited Warranty (Summary):

Nexans Norway warrants the products manufactured by it to be free from defects in material and workmanship from the date the warranty form attached to the product is correctly and completely filled in and for a period of twenty (20) years thereafter, or a period of twenty-one (21) years after the production date, whichever period ends first, under proper and normal use and service. Nexans Norway's responsibility does not include defects caused by material obtained by the buyer or by constructions specified by it. Nexans Norway further warrants that the products will have passed those performance tests, if any, called for in the applicable specifications.

The buyer must give Nexans Norway written notice of any defect within thirty (30) days following the discovery of the defect, and in no event later than two (2) weeks after the expiry of the warranty period.

[www.nexans.com](http://www.nexans.com)

## Warranty Terms for Controls, Thermostats & Sensors:

### ASE / Automated Systems Engineering Terms of Limited Warranty (Summary):

ASE Products are warranted against defects in workmanship and materials for two (2) years from date of sale. This warranty does not apply to damage resulting from accident, misuse, or alteration nor where connected voltage is more than 5% above the configured operating voltage, nor to equipment improperly installed or wired or maintained in violation of the Owner's Manual. No other written or oral warranty applies. No employee, agent, dealer or other person is authorized to give any warranties on behalf of ASE. The customer shall be responsible for all costs incurred in the removal or reinstallation and shipping of the product for repairs. Within the limitations of this warranty, inoperative units should be returned, freight prepaid, to ASE, and we will repair or replace, at our option, at no charge to you with return freight paid by ASE. It is agreed that such repair or replacement is the exclusive remedy available from ASE and that ASE IS NOT RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGE. [www.goase.com](http://www.goase.com)

### BRITECH / HONEYWELL

#### Terms of Limited Warranty (Summary):

Honeywell warrants its products, excluding battery, to be free from defects in the workmanship or materials, under normal use and service, for a period of three (3) years from the date of manufacture. If at any time during the warranty period the product is determined to be defective or malfunctions, Honeywell shall repair or replace it (at Honeywell's option) through Britech.

If product is defective, return it to the following address: Britech Corp., 17 Pullman Court, Toronto, Ontario M1X 1E4 Toll Free: 1-877-335-7790 • Email: [info@britech.ca](mailto:info@britech.ca)

This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by Honeywell that the defect or malfunction was caused by damage which occurred while the product was in the possession of a consumer. Honeywell's sole responsibility shall be to repair or replace the product within the terms stated above.

[www.honeywell.com](http://www.honeywell.com)

### JOHNSON CONTROLS

#### Terms of Limited Warranty (Summary):

The Company warrants all products manufactured by it to be free from defects in workmanship or materials under normal use and service. If any part of the product herein described, and sold by the Company proves to be defective in workmanship or material, and if such part is within three (3) years from date of sale, returned to the Company transportation charges prepaid and if the same is found by the Company to be defective in workmanship or material, credit based on current prices will be allowed. The date of sale must be established by a receipt showing the purchase date, seller and product sold. If the date of sale cannot be determined, the warranty shall extend for three (3) years from the date of manufacture. [www.jci.com](http://www.jci.com)

### NEXTRON Terms of Limited Warranty (Summary):

The manufacturer warrants each control that it manufactures to be free from defective material or workmanship for a period of 12 months from date of purchase. Under this warranty, the obligation of the manufacturer is limited to repairing or replacing the defective control at its option, when returned to the manufacturer's factory with shipping charges prepaid. If failure has been caused by misuse, incorrect application or alteration of the control, this warranty will be void. UNLESS SPECIFICALLY PROVIDED FOR IN WRITING IN THIS WARRANTY, EACH CONTROL IS PROVIDED WITHOUT ANY WARRANTY OF ANY KIND EITHER EXPRESSED OR IMPLIED. The user shall be made aware that if the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired. [www.nextron.ca](http://www.nextron.ca)

## Warranty Terms for BRI-GFI Ground Fault Interrupter:

### BRITECH Terms of Limited Warranty (Summary):

Britech warrants the BRI-GFI (Ground Fault Interrupter) is manufactured to be free from defective material or workmanship for a period of 12 months from date of purchase. Under this warranty, the obligation of Britech is limited to repairing or replacing the defective control at its option, when returned to the manufacturer's factory with shipping charges prepaid. If failure has been caused by misuse, incorrect application or alteration of the control, this warranty will be void. BRITECH IS UNDER NO CIRCUMSTANCES RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGES. This guarantee is a material warranty for components only and does not cover any labor. To obtain a replacement under this warranty, please send a description of the defect, proof of purchase, and the damaged product, shipping paid to Britech at the address noted herein.

## Warranty Terms for Self-Regulating Cables (FT-FREEZE TRACE/ST-SMART TRACE)

### BRITECH Terms of Limited Warranty (Summary):

This guarantee applies to Britech's Self-Regulating Cables: FT (5) five years / ST (2) two years

Britech warrants to the original purchaser only, that the product is to be free of any defects in material or workmanship (during warranty term as noted above) after the date of purchase under proper and normal use of the system. This guarantee is a material warranty only and does not cover any labor or other installation cost. The warranty does not cover installations made by unauthorized persons or faults caused by incorrect design by others, misuse, damage caused by others, damage in transit, incorrect installation and any other subsequent damage that may occur. Repair and/or replacement will be fully chargeable if damage is result of any of the above reasons.

Britech is under no circumstances liable for any incidental, special, or consequential damages or losses including without limitation the loss or profit arising from any cause whatsoever. To obtain a replacement under this warranty, please send a description of the defect, proof of purchase, and the damaged product, shipping paid to Britech at the address noted herein. The warranty is void if there is any payment default and if data is not filled-in on the control card. [www.britech.ca](http://www.britech.ca)