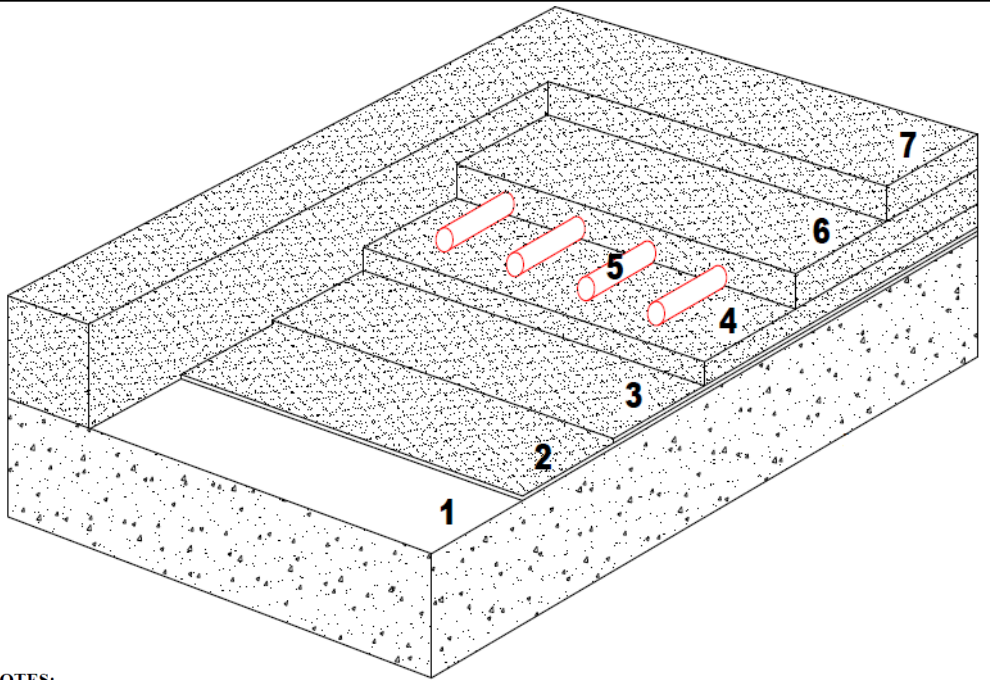




Thermal Resources Management (TRM) Inc.
 175 Idema Road, Markham, ON, Canada, L3R 1A9
 Tel: 1-905-940-4737 Fax: 1-905-940-4731
 ryan@trmheatingcables.com
 www.trmheatingcables.com

Project name

MI Heating Cable – Typical Asphalt on Concrete Base
 with Waterproofing Membrane Cross Section




- NOTES:**
- 1) CLEAN CONCRETE SURFACE
 - 2) HOT MEMBRANE WATERPROOFING
 - 3) ASPHALTIC PROTECTION BOARD
 - 4) 1.25 TO 1.5 INCH (32mm TO 38mm) BASE COAT. BASE MUST HAVE A COMPACTED THICKNESS TO ACCEPT 25mm CONCRETE NAILS WITHOUT DAMAGING THE MEMBRANE
 - 5) TRM HEATING CABLES SECURED BY PREPUNCHED STRAPPING
 - 6) 1 INCH (25mm) ASPHALT BEDDING COAT (HL3HS - COMPACT WITH ONE TON ROLLER AFTER PLACEMENT)
 - 7) 1 INCH (25mm) ASPHALT TRAFFIC COAT (HL3HS)

CABLES CANNOT BE IN DIRECT CONTACT WITH THE WATERPROOFING MEMBRANE! CABLES WILL BURNOUT, AND THE MEMBRANE WILL MELT.

Asphalt on Concrete Base with Waterproofing Membrane
 Notes

1. Apply the hot waterproof membrane over a clean concrete base slab.
2. Lay a 1.25" - 1.5" asphalt base over the waterproofing membrane.
3. Secure the pre-punched strapping at 2 ft intervals to the base layer of concrete.
4. Serpentine the cable across the area using the pre-punched strapping to secure it in position.
5. If using a slab sensing thermostat, install a 0.5" metal conduit between two runs of heating cable and away from high concentrations of heating cable.
Do not install the thermostat at this time!
6. Lay a 1" bedding coat of HL3HS asphalt and compact to 1" thickness.
7. Lay a traffic coat of HL3HS Asphalt 1" thick.
8. Once the traffic coat has set, install the thermostat sensing bulb in the conduit.

Drawing Number:	Scale: N.T.S.	Project Status: Construction	
 Thermal Resources Management TRM Heating Cables	Drawn by: IP	Approved: _____	
	135 St Clair Ave West	Date of issue:	
		Rev.: 0	Page: