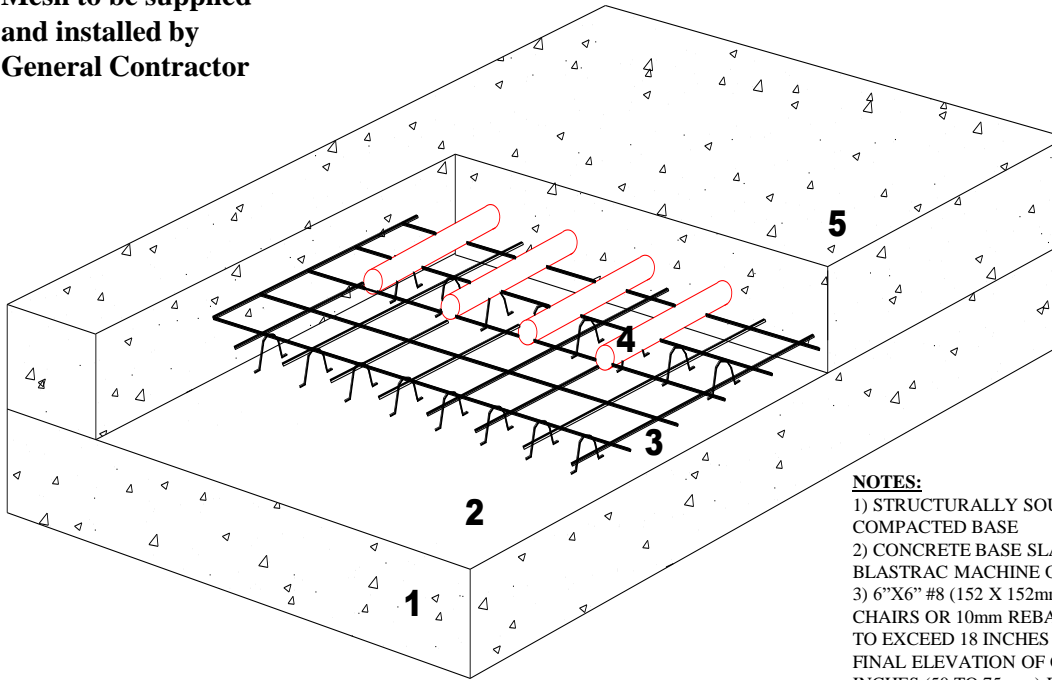



TRM - Snow Melting – Typical Single Pour Concrete – Cables on Mesh Cross Section

Mesh to be supplied and installed by General Contractor




NOTES:

- 1) STRUCTURALLY SOUND SLAB ON WELL DRAINED COMPACTED BASE
- 2) CONCRETE BASE SLAB TO BE CLEANED WITH BLASTAC MACHINE OR HIGH PRESSURE WATER
- 3) 6"X6" #8 (152 X 152mm) MESH TO BE SUPPORTED ON CHAIRS OR 10mm REBAR. *SPACING OF CHAIRS NOT TO EXCEED 18 INCHES (460mm) IN ANY DIRECTION. FINAL ELEVATION OF CABLES TO BE WITHIN 2 TO 3 INCHES (50 TO 75 mm) FROM THE COMPLETED SURFACE.
- 4) ZIP TIE TRM HEATING CABLES TO 6"X6" GRIDS OF MESH
- 5) CONCRETE TOPPING

Cross Sectional Typical Drawings	Scale: N.T.S.	Project Status: Construction	
 Thermal Resources Management TRM Heating Cables	Drawn by: RG	Approved: _____	
	Typical Single Pour Concrete Cross Sectional Detail	Date of issue: March 31, 2020	
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Concrete 1 Pour – Cables on Mesh Notes

1. Use chairs or rebar to raise the cable up so that the final elevation of the cable is within 2-3” of the completed surface
2. Lay a 6” x 6” mesh on top the chairs and strap the heating cable to this mesh using tie-wraps
3. 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. *You may install the thermostat at this time.*
4. Ensure the heating cable is covered with a minimum of 2.5” of concrete
5. Stress relief surface cuts MUST be marked out by the general contractor prior to cable installation and cable must be protected at these locations
6. Cables MUST NOT cross true through slab expansion joints

Cross Sectional Typical Drawings	Scale: N.T.S.	Project Status: Construction
 Thermal Resources Management TRM Heating Cables	Drawn by: RG	Approved: _____
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