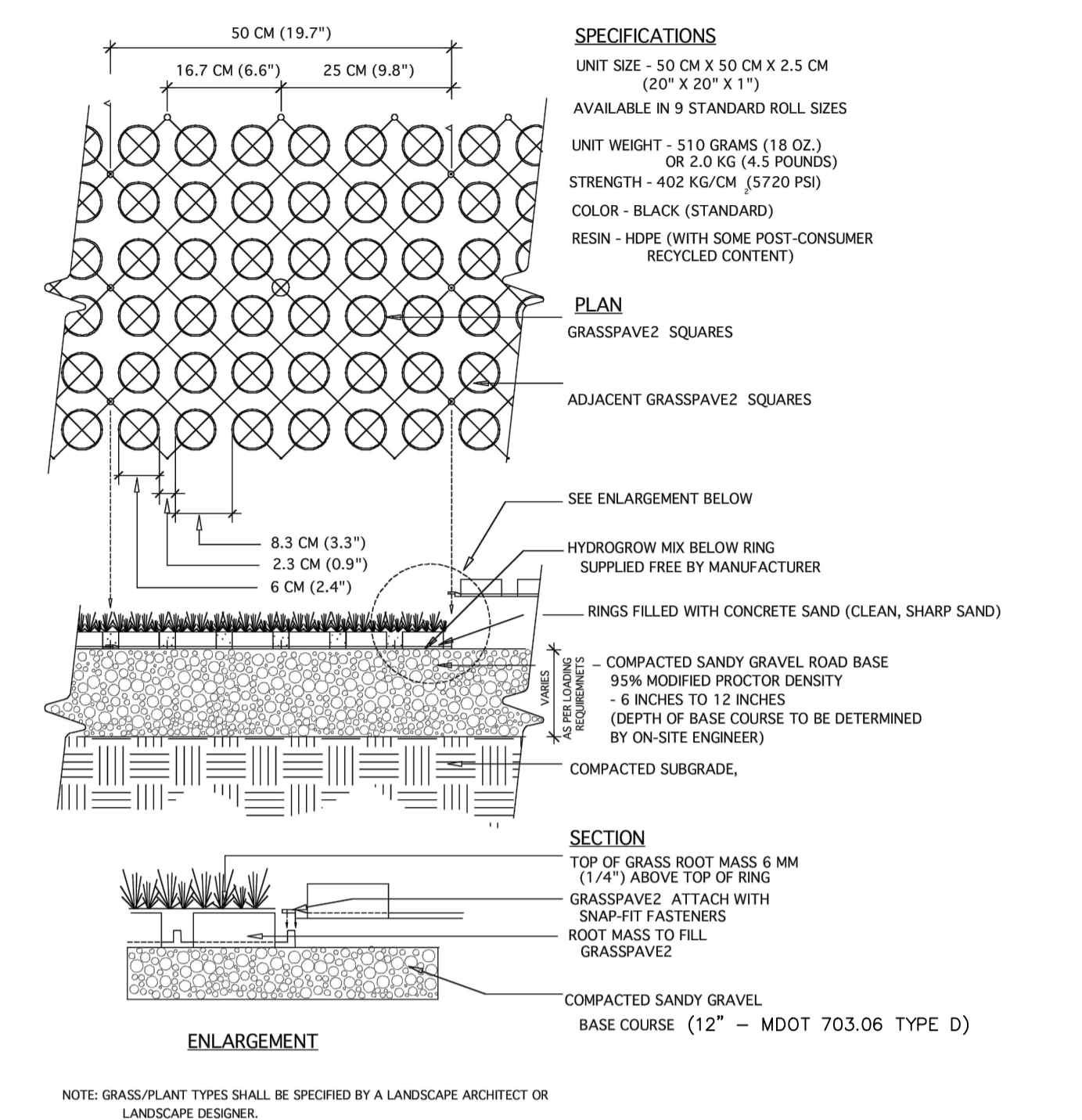


DATE of APPROVAL October 4, 2017
 PLANNER Caitlin Cameron
 PROJECT NO. 2017-180
 Scarborough, Maine 04074-8929
 Tel. 207.883.3355
 www.stantec.com

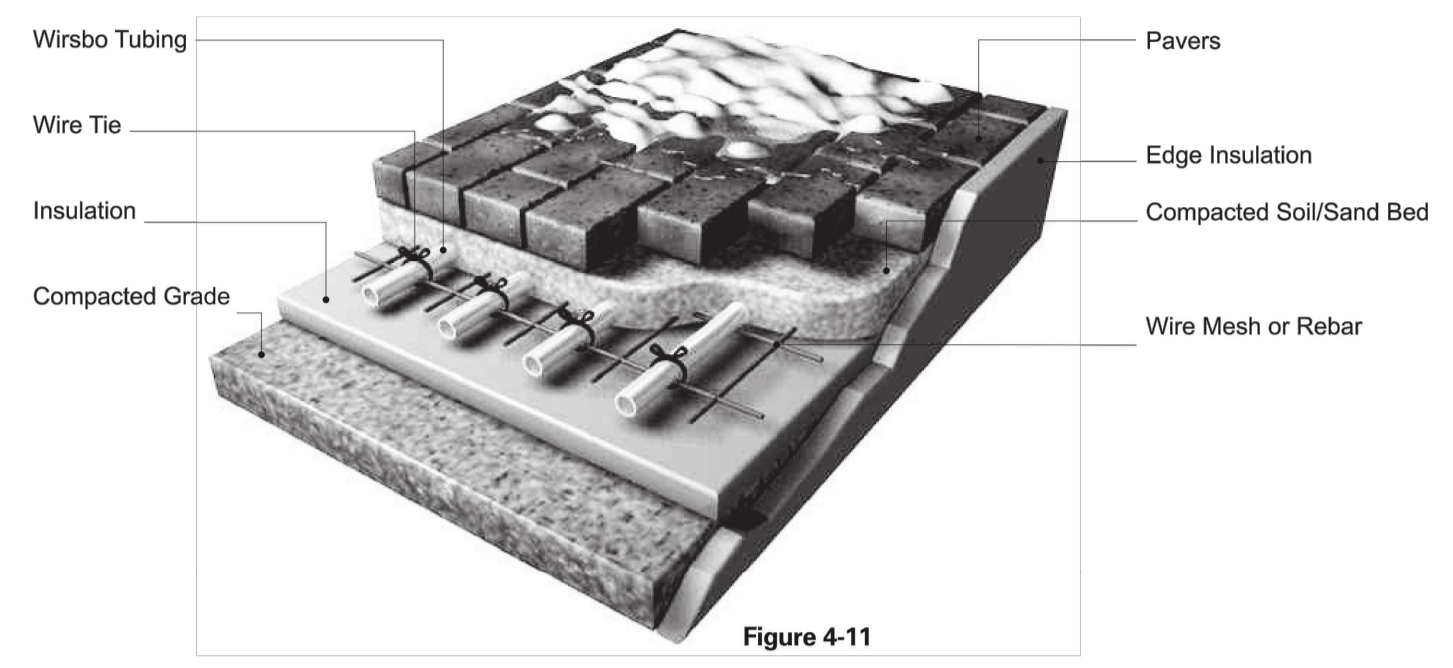
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Consultants
 ARCHITECT
 ARCHETYPE
 LANDSCAPE ARCHITECT
 MOHR & SEREDIN
 SURVEYOR
 OWEN HASKELL
 CONTRACTOR
 CIANBRO

Notes



A GRASSPAVE2 DETAIL
 N.T.S.



Application
 This method is for designs with light vertical load requirements. With insulation, the heated area is isolated from high movement of energy from the system to the surrounding frozen soil. Response time is fairly quick and even faster if the system is idled.

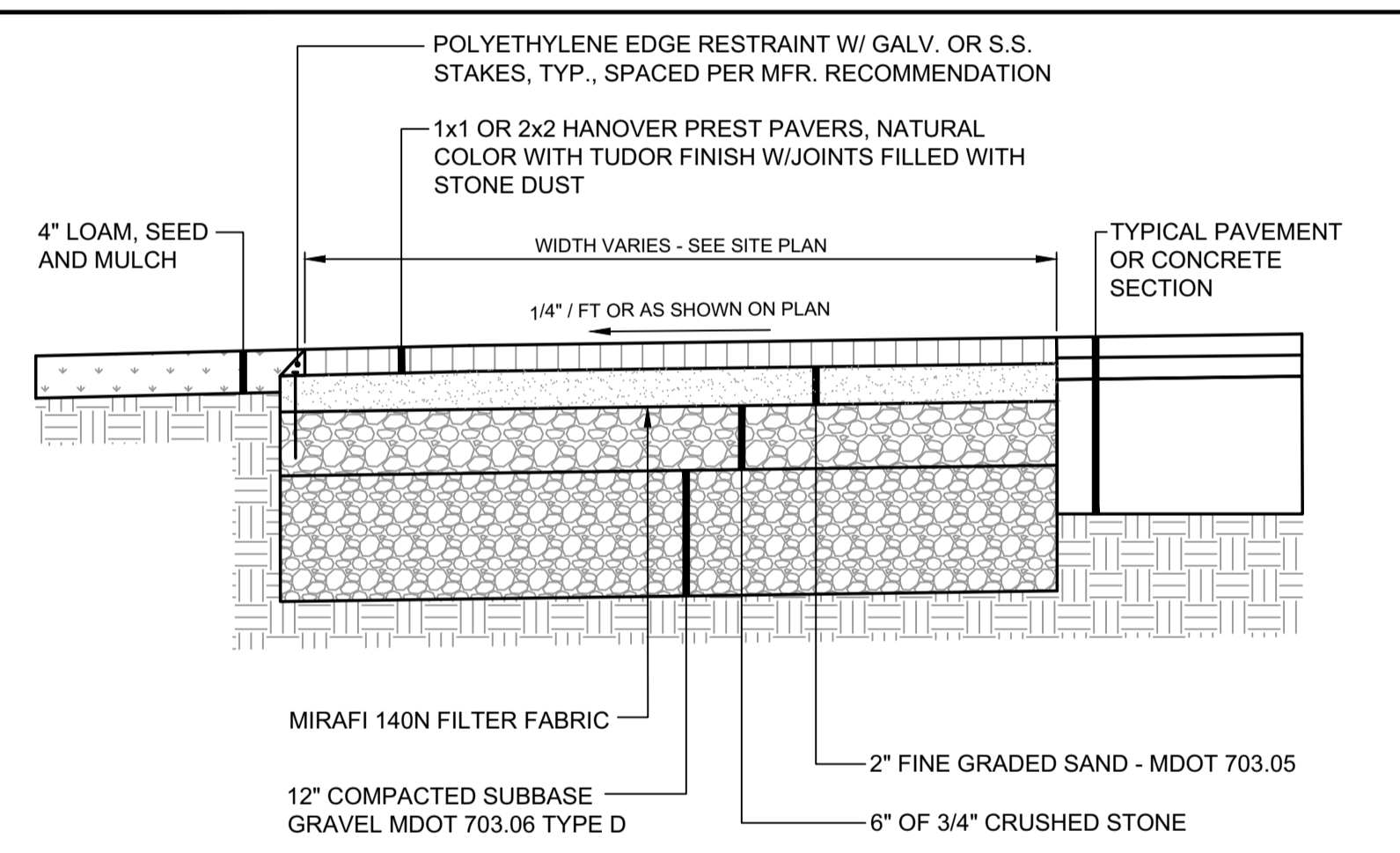
Where Used
 This installation is applicable to the following applications:
 • Sidewalks
 • Driveways
 • Low-density roads

How to Install
 There are two ways to install the tubing over the high-density insulation. As shown in Figure 4-11, secure the tubing to the wire mesh or rebar which has been placed over the high-density insulation board. In the alternative method, secure the tubing to the high-density insulation using Wirubo plastic staples with the manual stapler.

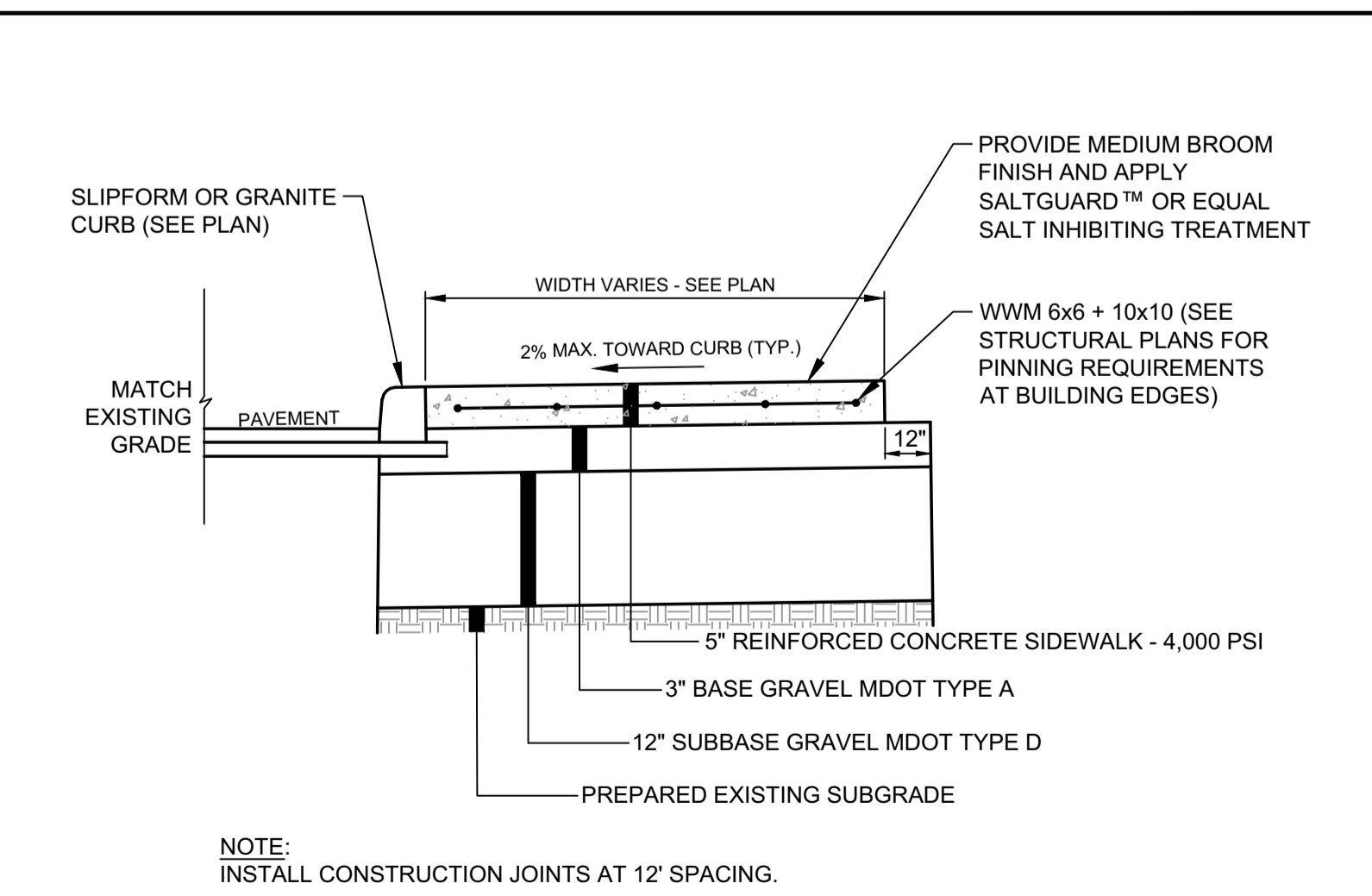
Control Strategy
 Use the semi- or fully automatic strategy for this installation method.

NOTE:
 SNOWMELT SYSTEM INSTALLATION TO BE COORDINATED WITH MEP PLANS AND CITY OF PORTLAND PUBLIC WORKS (WHEN SYSTEM IS IN THE R.O.W.).

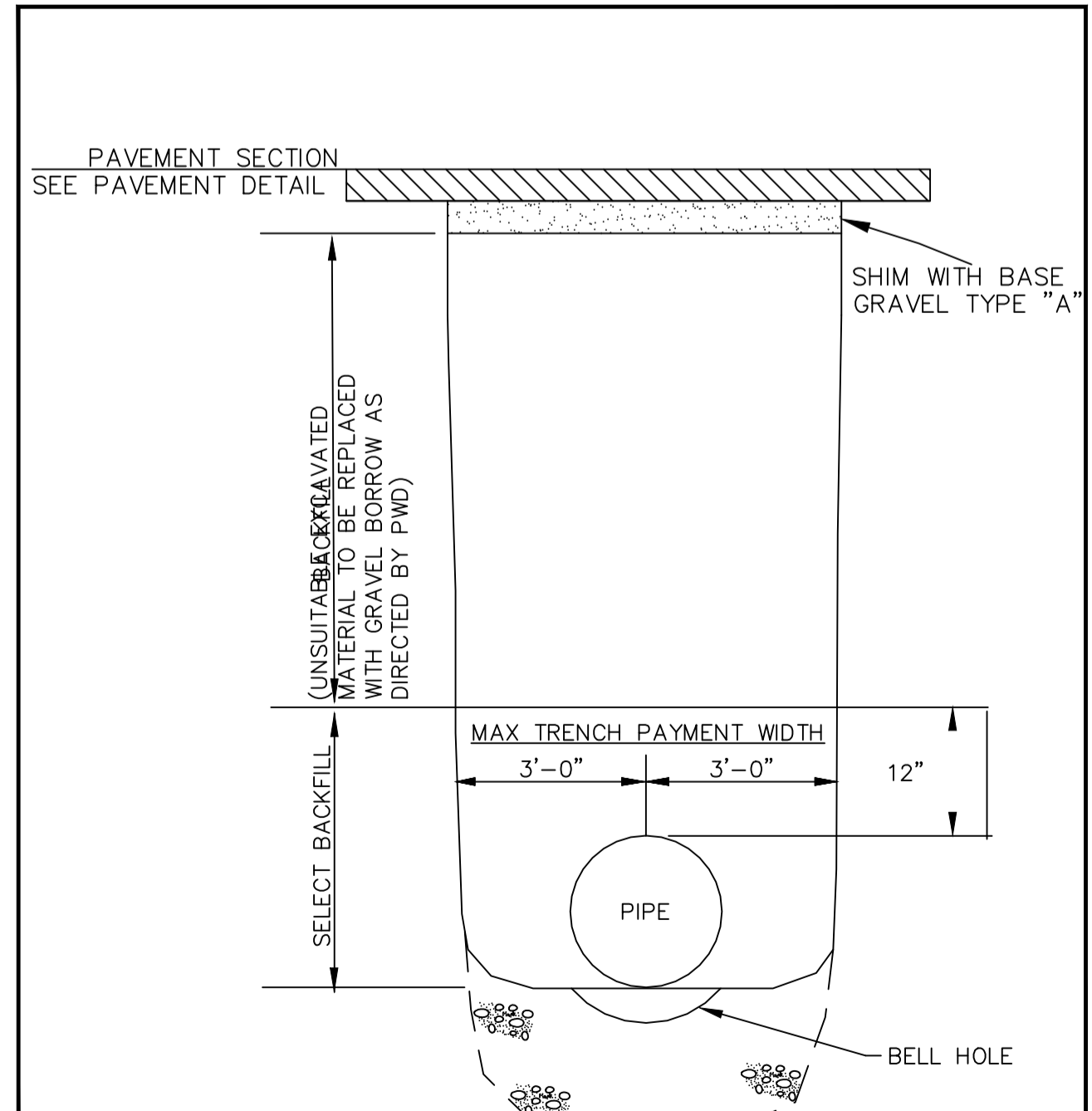
D SNOWMELT PAVER DETAIL
 N.T.S.



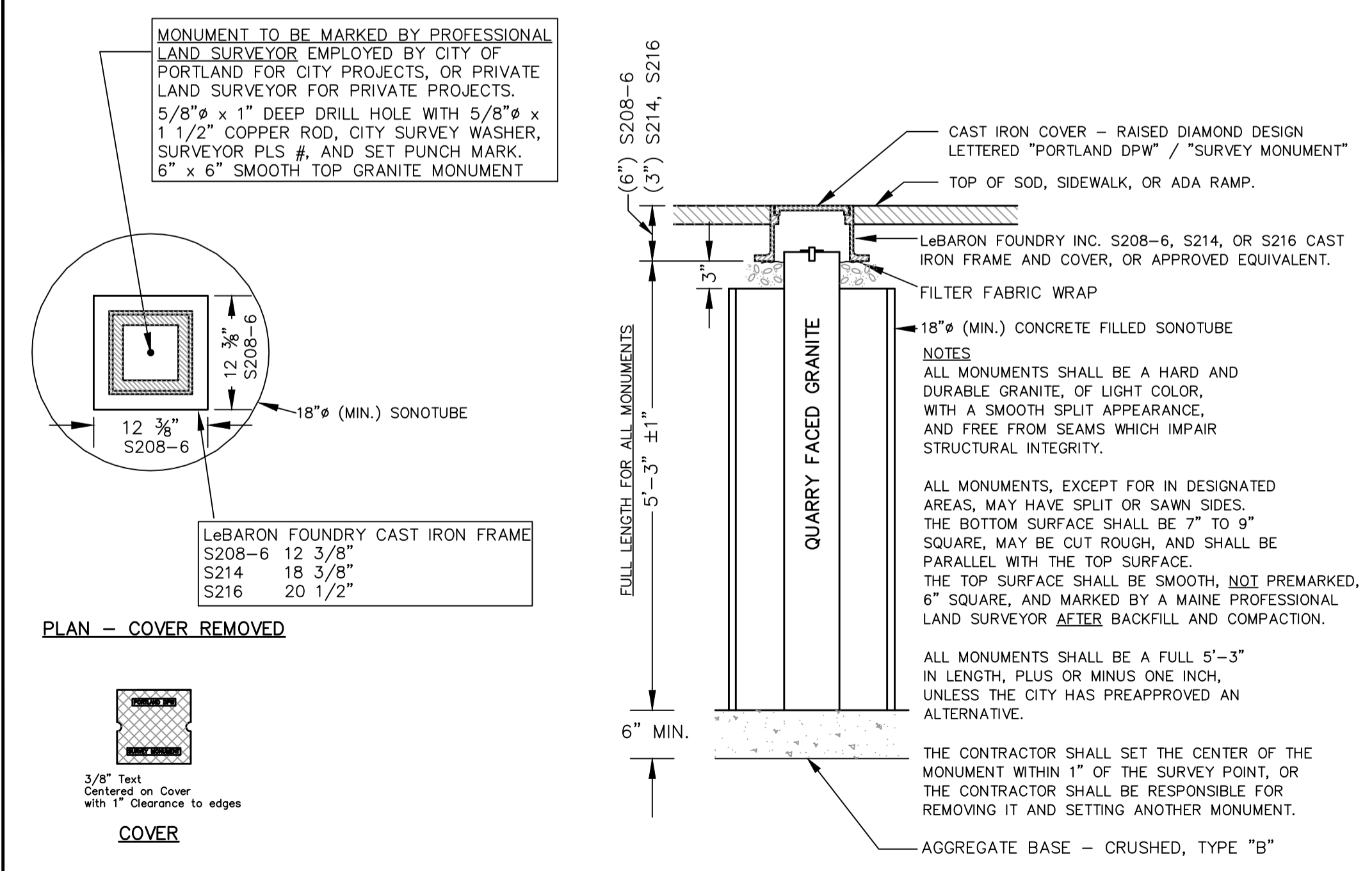
B TYPICAL PAVER DETAIL
 N.T.S.



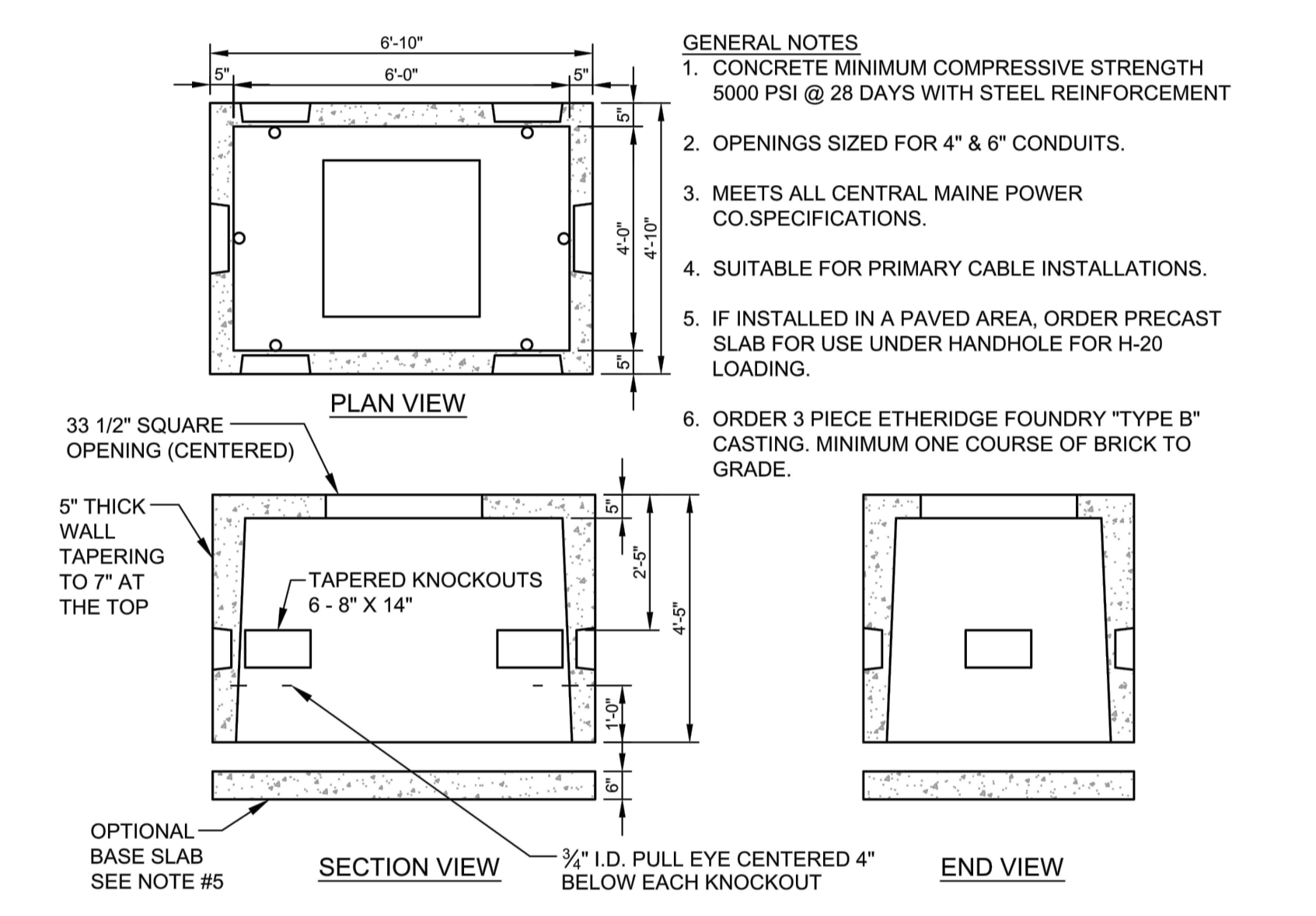
C CONCRETE SIDEWALK DETAIL
 N.T.S.



E TYPICAL WATER TRENCH DETAIL
 N.T.S.



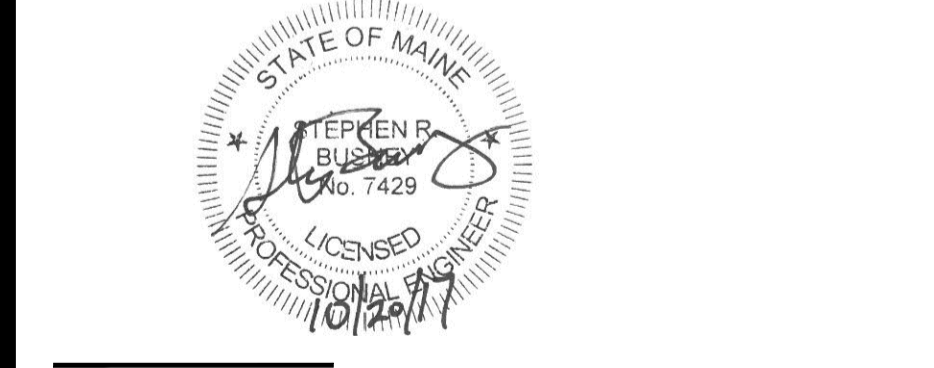
G GRANITE STREET MONUMENT DETAIL
 N.T.S.



F SPLICE BOX DETAIL
 N.T.S.

NO.	REVISION	DATE	BY	APP'D.
1	ISSUED FOR CONSTRUCTION PERMITS	10/02/17	SRB	SRB
2	REVISED PER CONDITIONS OF APPROVAL RELEASED FOR BIDDING	10/02/17	SRB	SRB
3	REVISED PER CONDITIONS OF APPROVAL RELEASED FOR BIDDING	10/02/17	SRB	SRB
4	REVISED PER CONDITIONS OF APPROVAL RELEASED FOR BIDDING	10/02/17	SRB	SRB
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10	REVISED PER CONDITIONS OF APPROVAL RELEASED FOR BIDDING	10/02/17	SRB	SRB

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 PORTLAND, MAINE

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