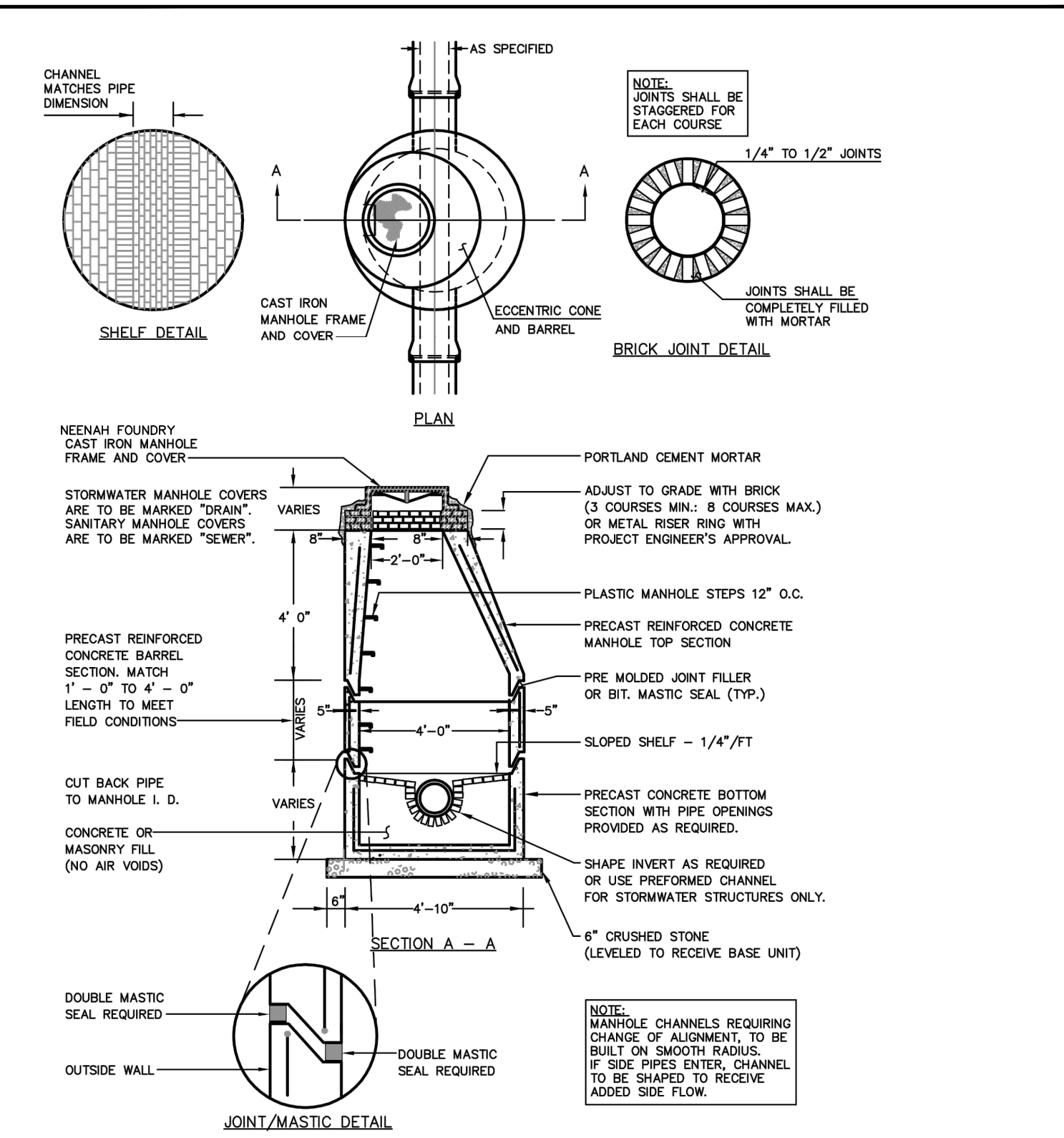


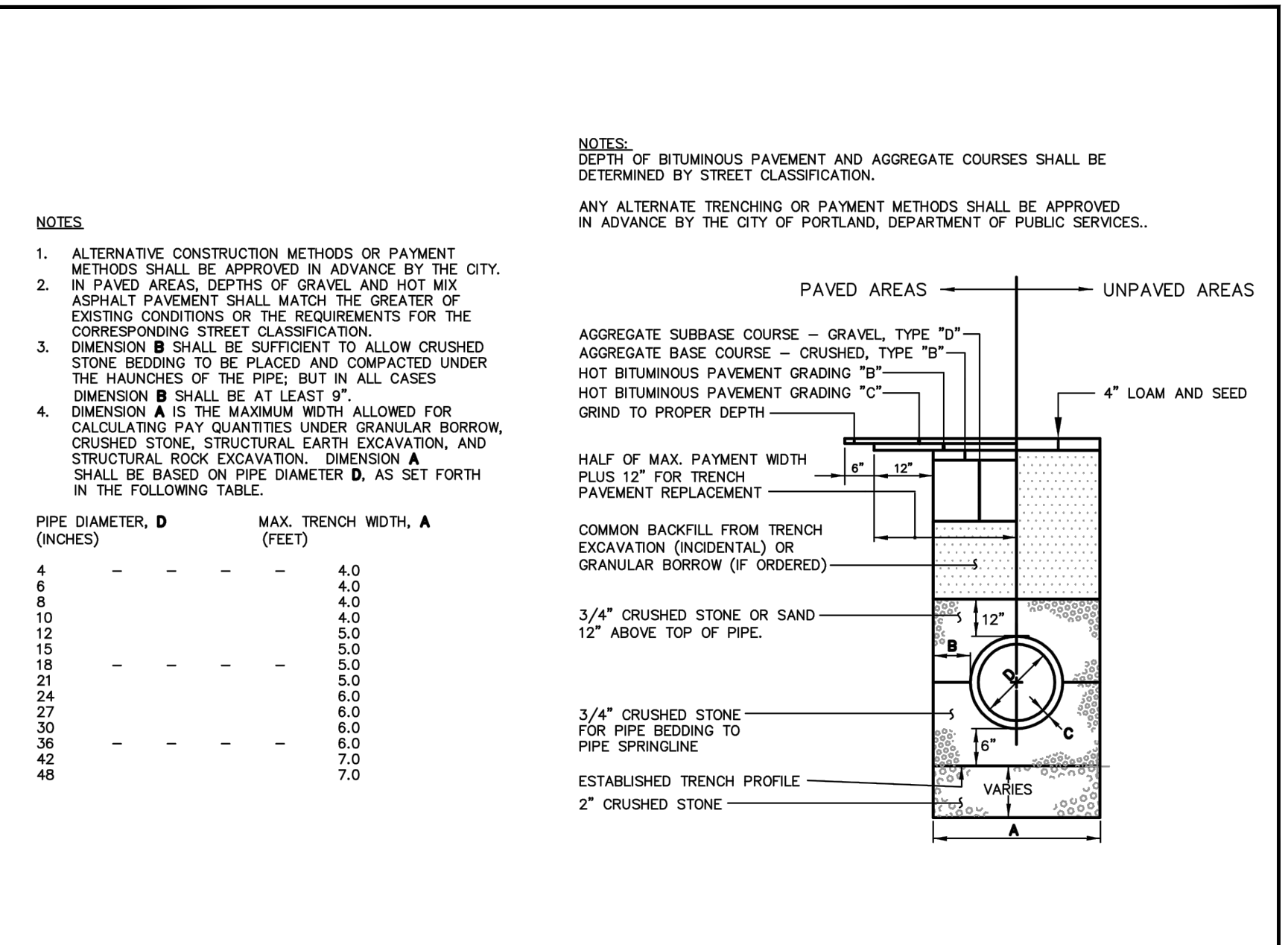
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Consultants
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LANDSCAPE ARCHITECT MOHR & SEREDIN
SURVEYOR OWEN HASKELL
CONTRACTOR CIANBRO

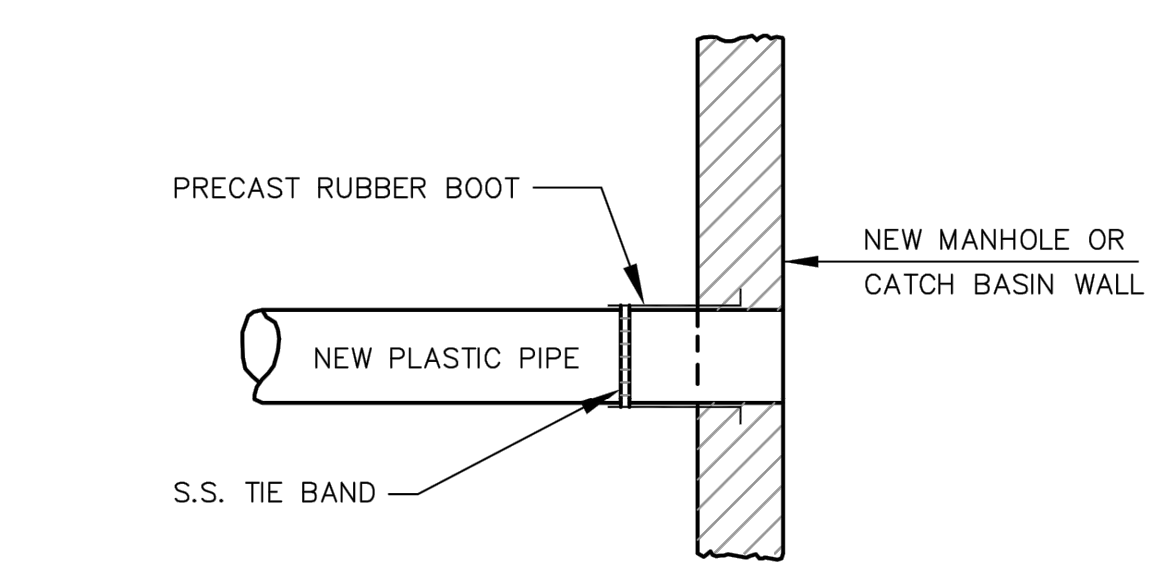
Notes



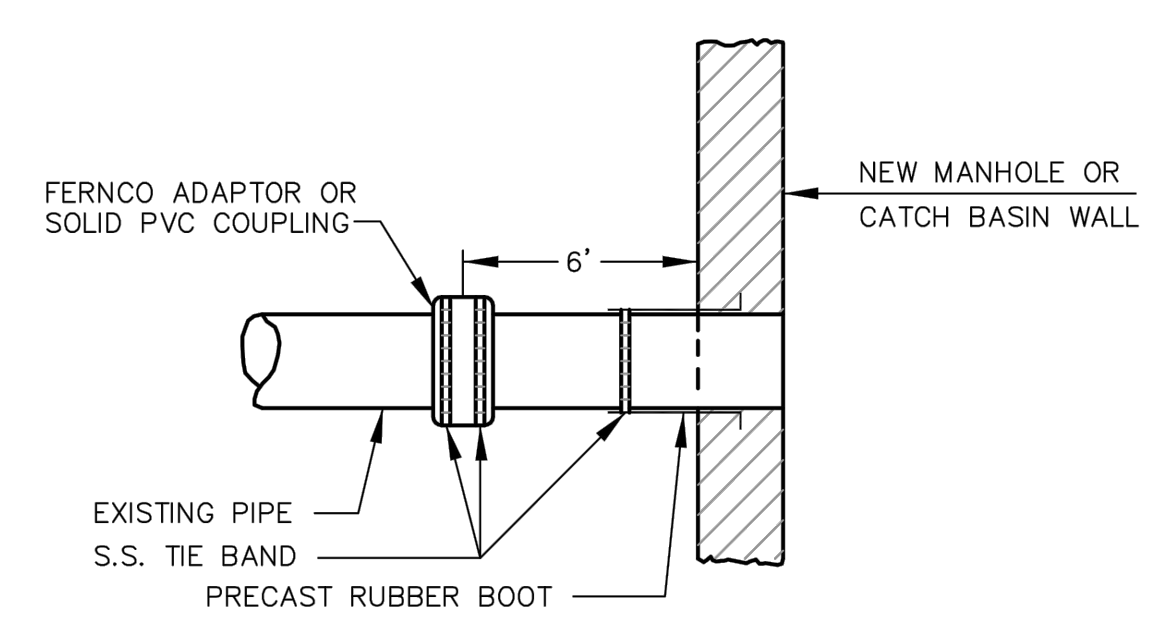
A PRECAST CONCRETE MANHOLE
N.T.S. AS OBTAINED FROM THE CITY OF PORTLAND "TECHNICAL MANUAL"



D TYPICAL PIPE TRENCH INSTALLATION AND NOTES
N.T.S. AS OBTAINED FROM THE CITY OF PORTLAND "TECHNICAL MANUAL"



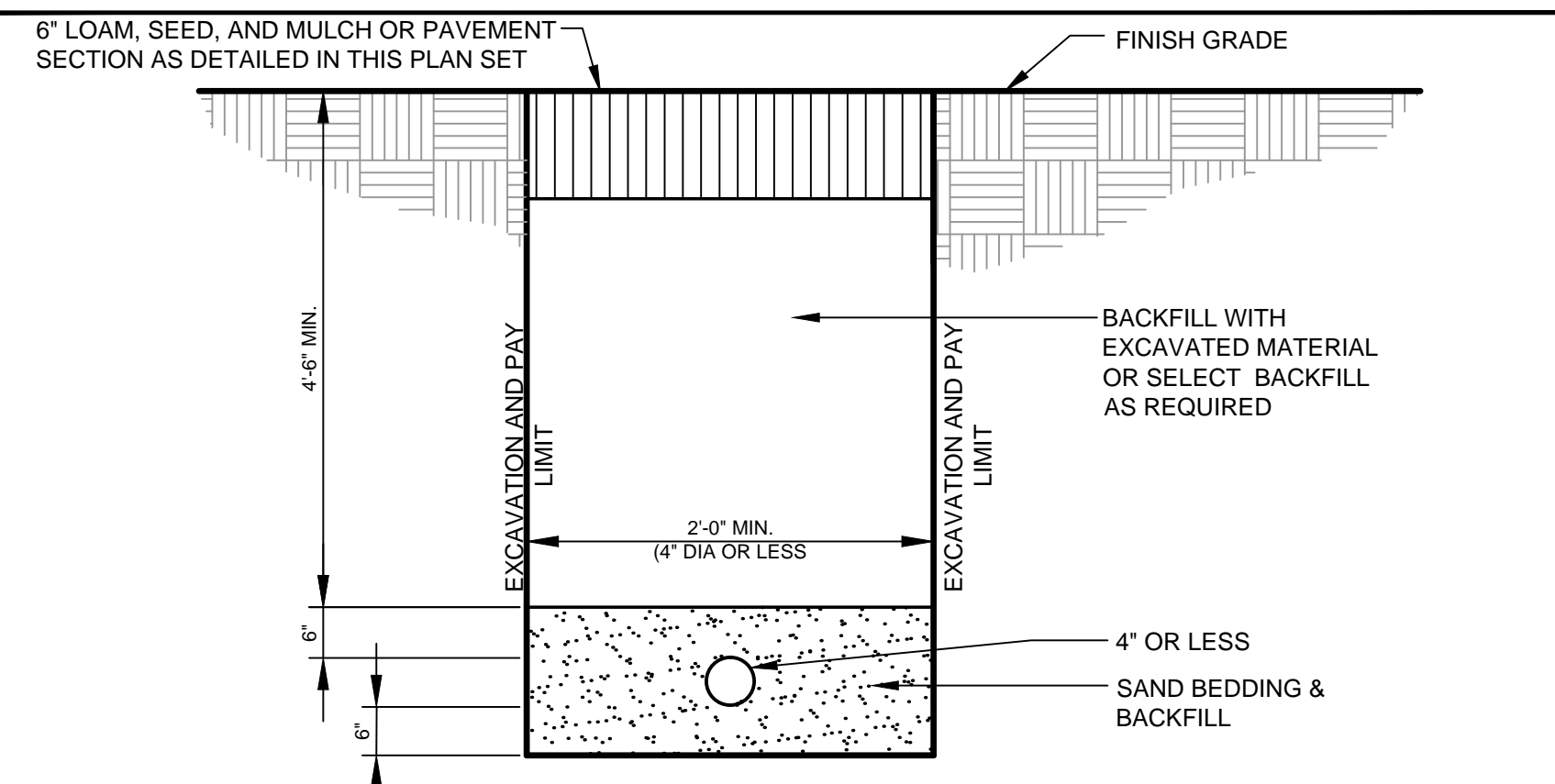
METHOD 2 - NEW CONSTRUCTION



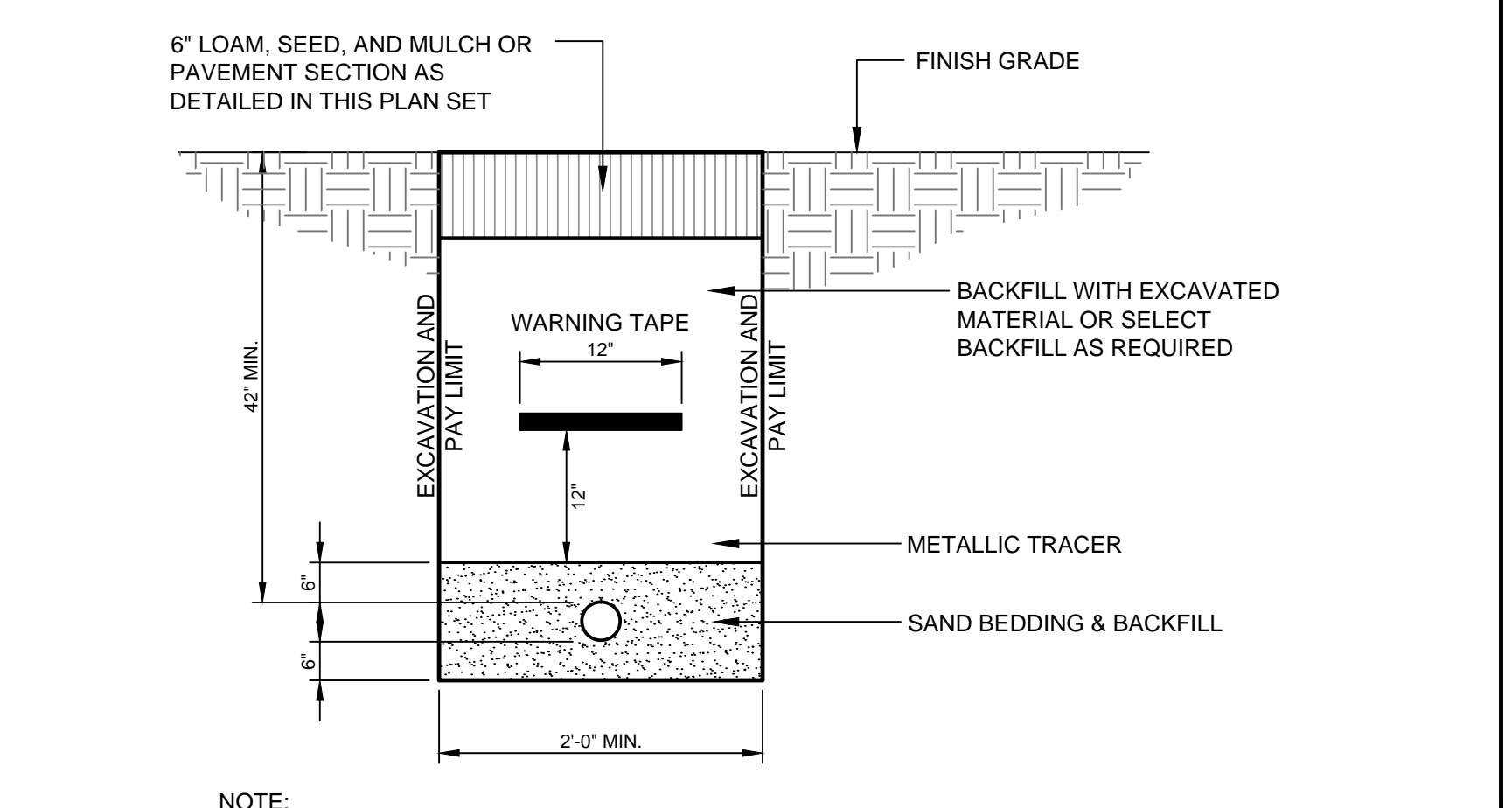
METHOD 1 - EXISTING PIPE INTO NEW STRUCTURE

PLASTIC PIPE CONNECTIONS
NOT TO SCALE

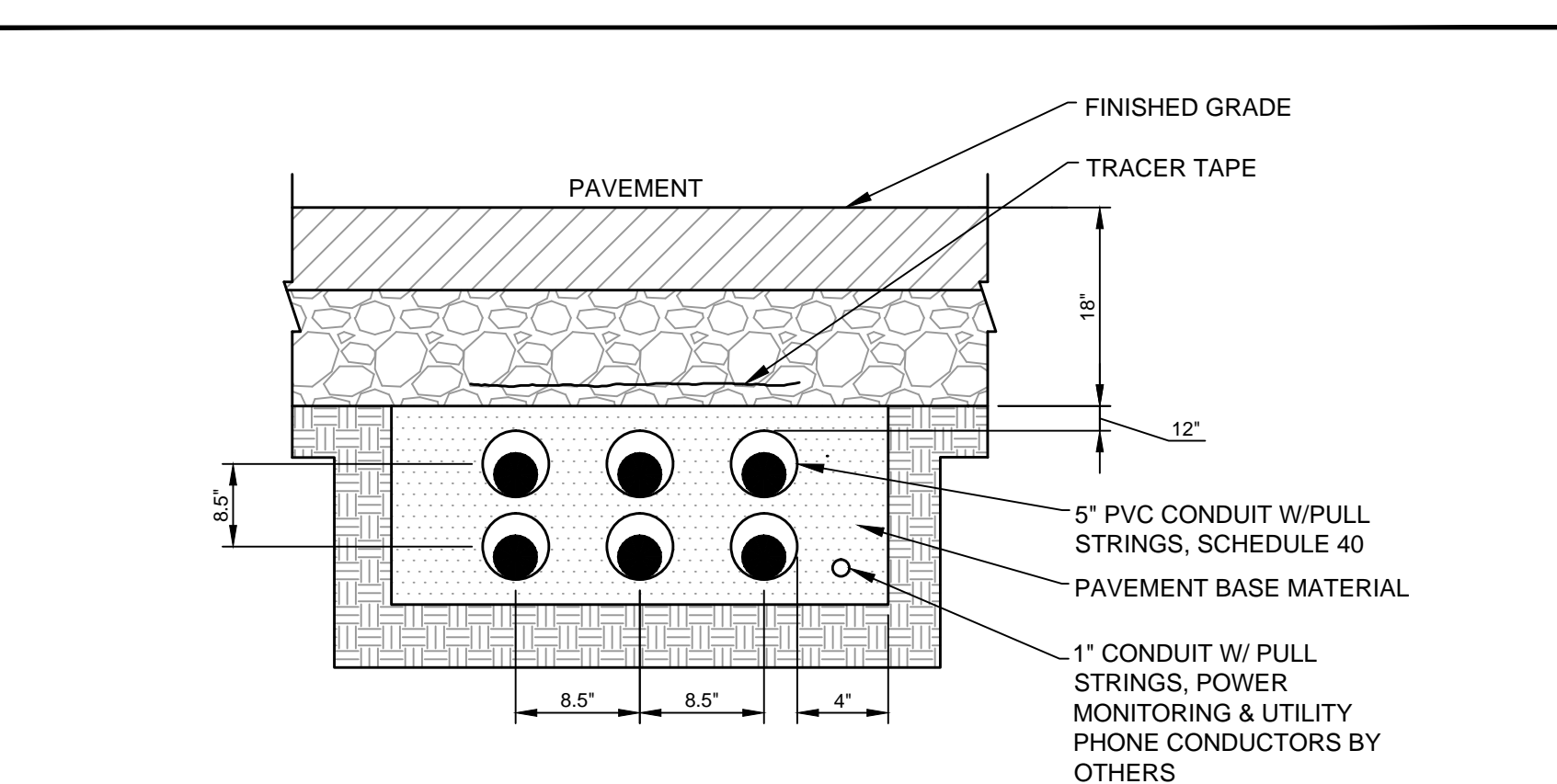
H PLASTIC PIPE CONNECTION METHODS 1 & 2
N.T.S. AS OBTAINED FROM THE CITY OF PORTLAND "TECHNICAL MANUAL"



B WATER SERVICE TRENCH DETAIL
N.T.S.

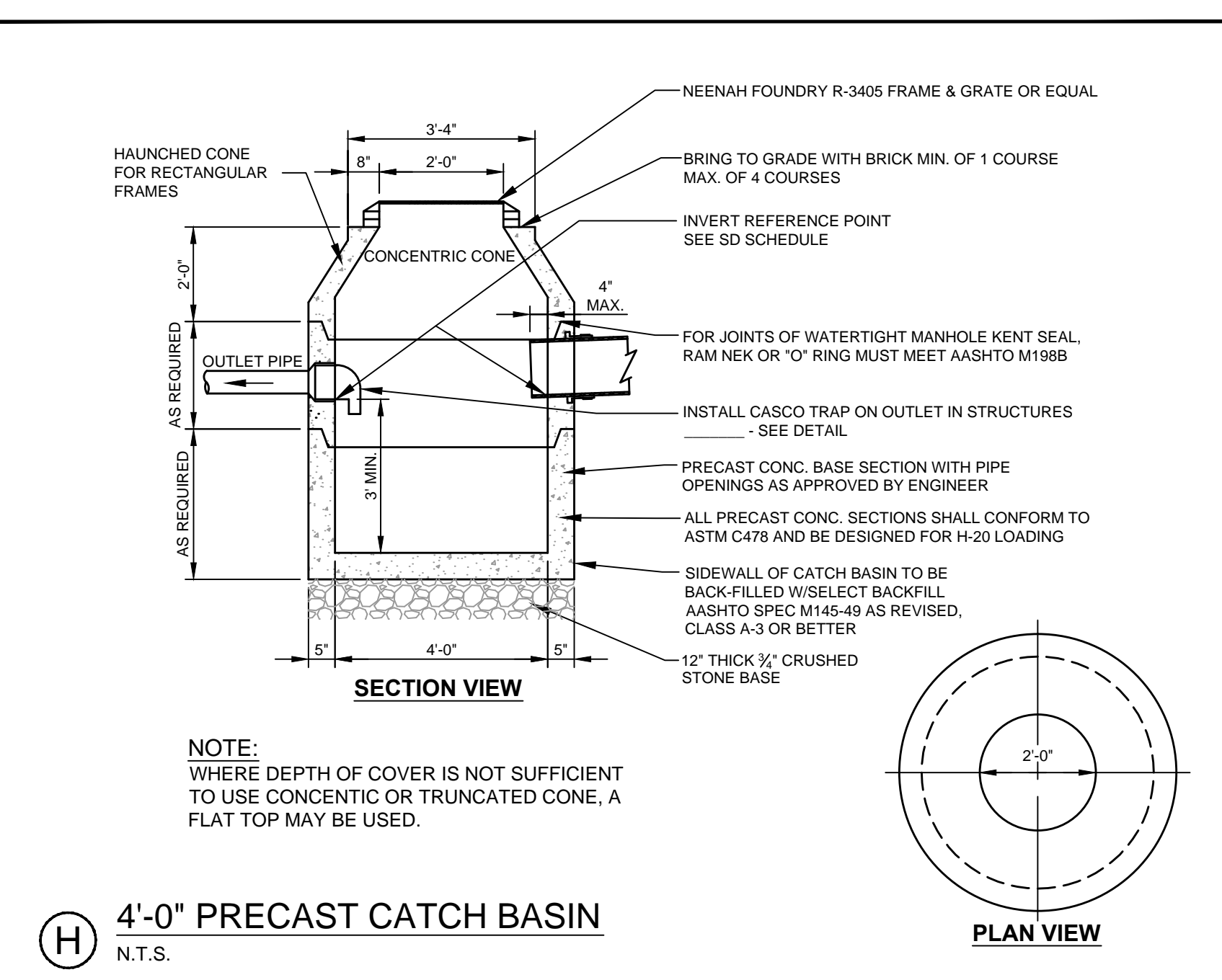


E GAS SERVICE TRENCH SECTION
N.T.S.

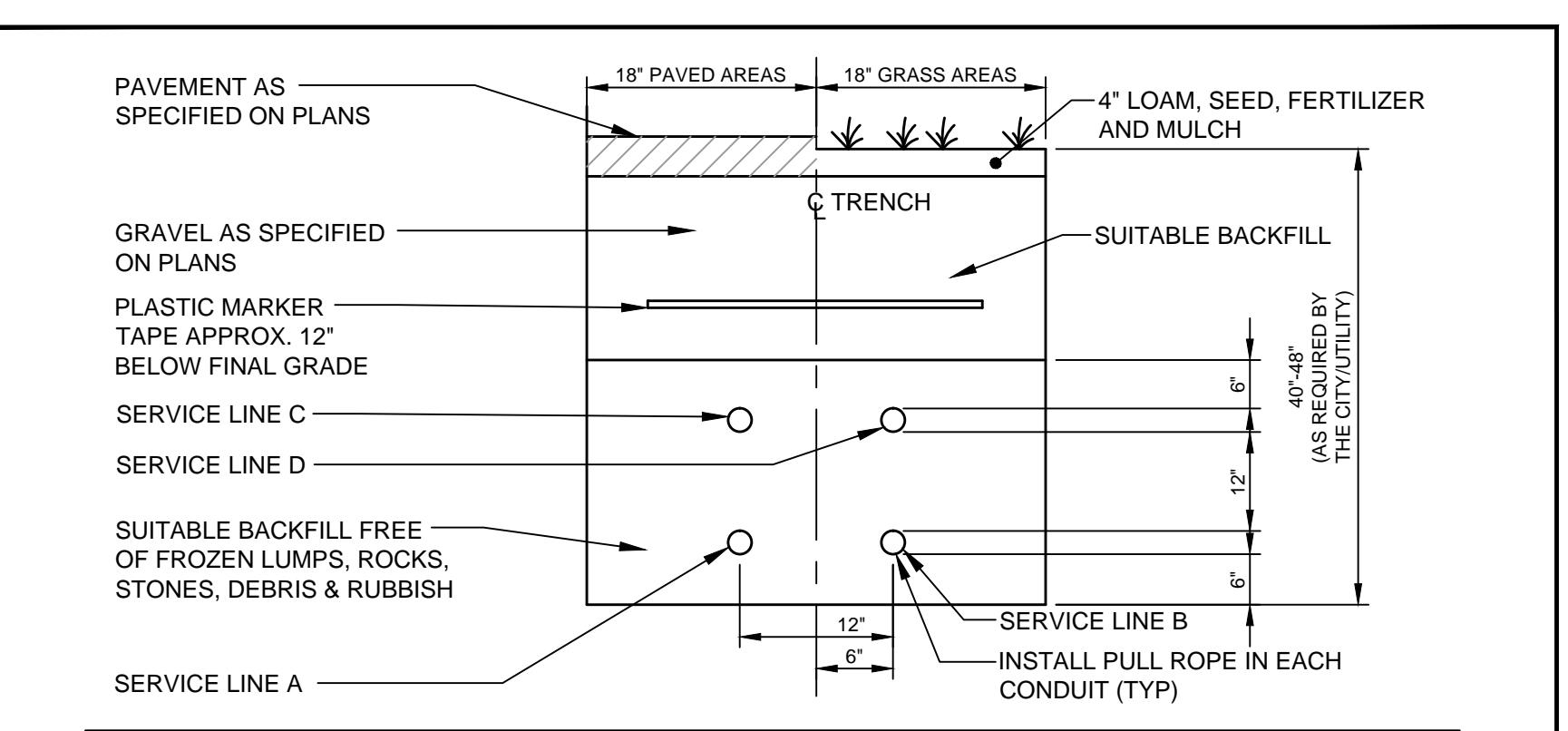


NOTES:
1. CONDUIT BANK WILL EXTEND 5' BEYOND FOUNDATION WALL. CAP ALL CONDUITS.

I SECONDARY UNDERGROUND ELECTRIC CONDUIT BANK DETAIL
N.T.S.



H 4'-0" PRECAST CATCH BASIN
N.T.S.



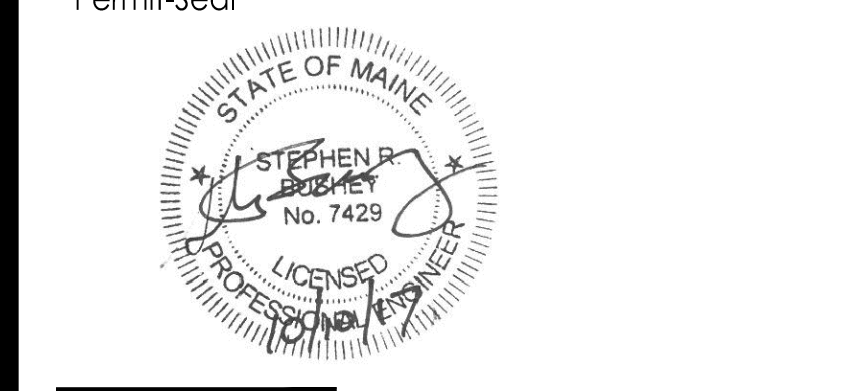
SERVICE	CONDUIT SIZE	CONDUIT TYPE		UTILITY	REMARKS
		GRASS AREAS	PAVED AREAS		
A	2-6"	SCHEDULE 40 PVC ELECTRICAL GRADE	RIGID GALVANIZED STEEL, ASTM A120"	POWER	SEE NOTE
B	2-4"	SCHEDULE 40 PVC	RIGID GALVANIZED STEEL, ASTM A120"	TELEPHONE	SEE NOTE
C	2-4"	SCHEDULE 40 PVC	RIGID GALVANIZED STEEL, ASTM A120"	COMMUNICATION	SEE NOTE
D	2-4"	SCHEDULE 40 PVC	RIGID GALVANIZED STEEL, ASTM A120"	SPARES	SEE NOTE

NOTES:
1. ONE CONDUIT CAPPED FOR SPARE, PROVIDE GALVANIZED STEEL LONG SWEEP AT RISER POLE AND EXTEND GALVANIZED CONDUIT TO 10' ABOVE GRADE AT POLE WITH STAND-OFF BRACKETS. COORDINATE WITH ELECTRICAL SITE PLANS BY E.S. BOULOS.
2. IN CITY RIGHT OF WAY, CONDUITS TO HAVE 36" MIN. COVER AND BE ENCASED WITH MIN. 3" CONCRETE ON ALL SIDES.
*AS REQUIRED BY CITY UTILITY

F UTILITY TRENCH - PRIMARY ELEC., TEL. & COMM.
N.T.S.

Revision	By	Date
3	SRB	17.01.0
2	SRB	17.09.26
1	SRB	17.08.09

File Name: 195350450_det
P.E. STEPHEN R. BUSHHEY



Client/Project
0 HANCOCK STREET LLC

THAMES STREET SITE
PORTLAND, MAINE

Title
STORMDRAIN AND UTILITY DETAILS

Project No. 195350450
Scale N.T.S.

Sheet

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