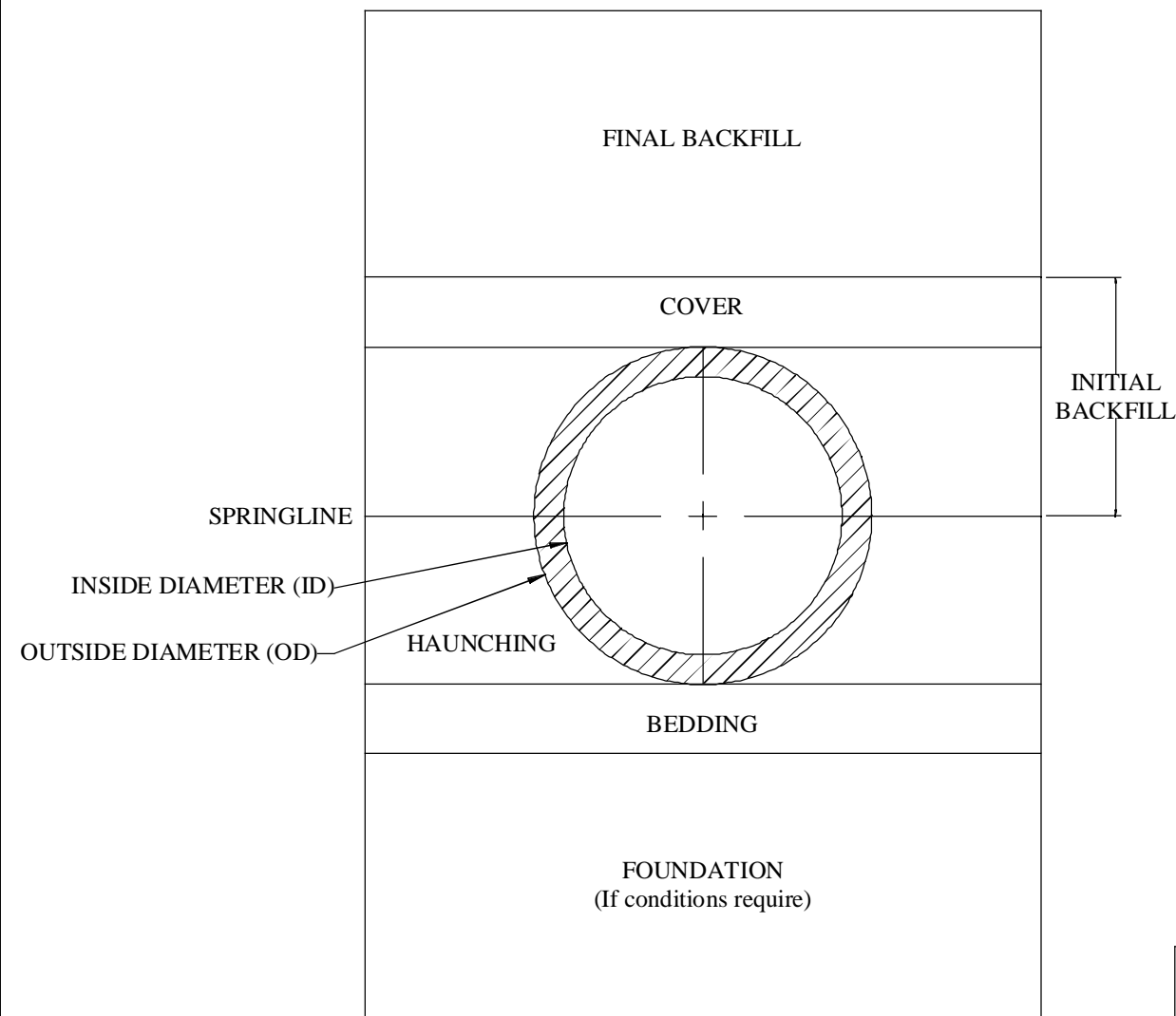


STANDARD TRENCH DIAGRAM



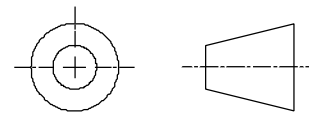
Trench Details				
Pipe Dia. (in)	Bedding (mm)	Minimum Cover (mm)	Trench Width (mm)	Max Trench Depth (m)
4	100	300	900	9
6	100	300	950	9
8	100	300	1000	9
10	100	300	1050	9
12	100	300	1100	9
15	100	300	1200	9
18	100	300	1250	9
21	100	300	1300	9
24	100	300	1400	9
30	100	300	1600	9
36	100	300	1750	9

Assumptions:
 Assume H20 Highway Loading
 Soil Density 1900 kg/m³
 Bedding and Haunching to be same material - Minimum Class 3 compacted to 90% standard Proctor density
 Dry installation, groundwater below springline
 Any deviation from conditions above contact Ideal Pipe for Clarification
 4" Size only available in Challenger 2000

PROPRIETARY
 NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF IDEAL PIPE

NOTE
 DRAWING IS NOT DRAWN TO SCALE - INTENTIONALLY DRAWN TO EMPHASIZE DETAIL

THIRD ANGLE PROJECTION



DRAWN BY:

AQ

DATE:

21 AUG 2013

CHECKED BY:

MK

DATE:

26 AUG 2013

SCALE:

N/A

MATERIAL:

324420C

TITLE:

Smoothwall Burial Diagram

DRAWING NO:

Smoothwall Burial



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 PHONE: (519) 473-2669
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APPLICABLE STANDARDS:

CSA B182.11-11

STIFFNESS:

320kPa

REV:

001