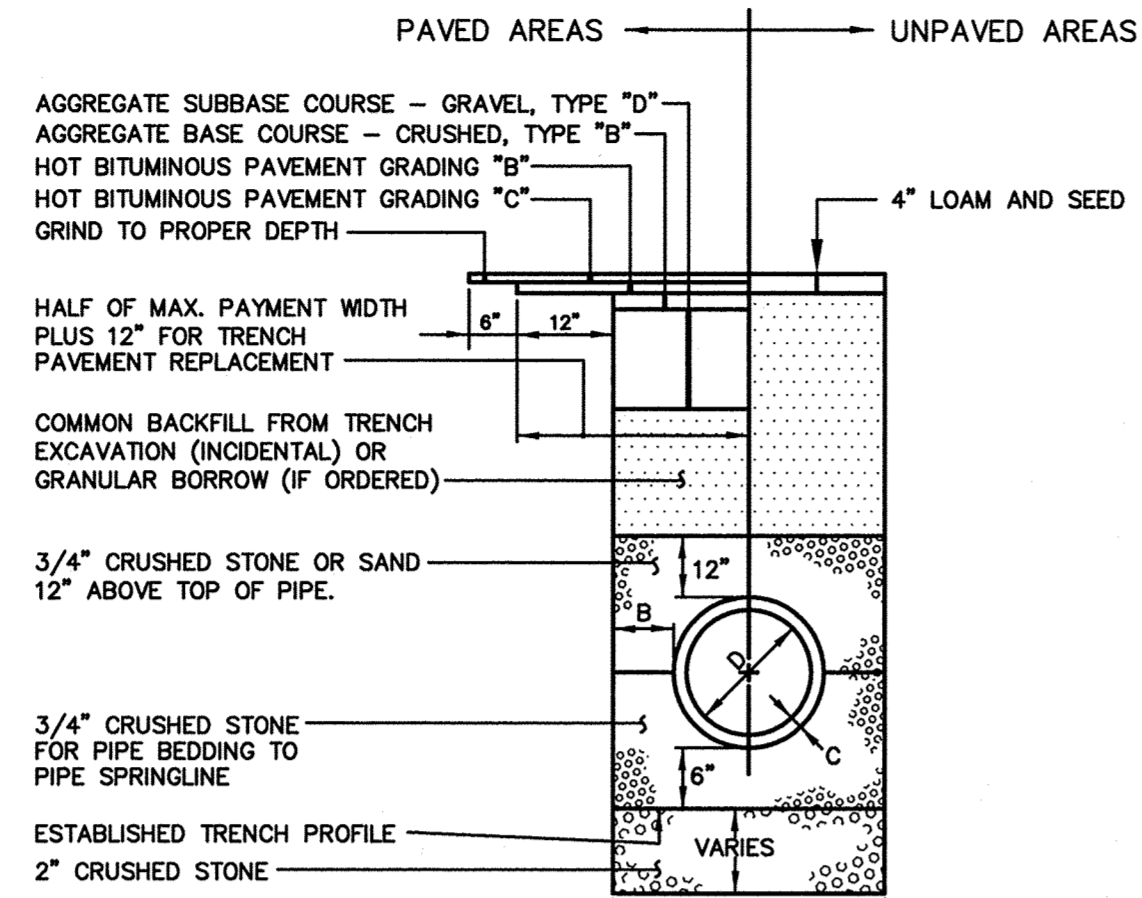


NOTES:  
DEPTH OF BITUMINOUS PAVEMENT AND AGGREGATE COURSES SHALL BE DETERMINED BY STREET CLASSIFICATION.  
ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY OF PORTLAND, DEPARTMENT OF PUBLIC SERVICES.



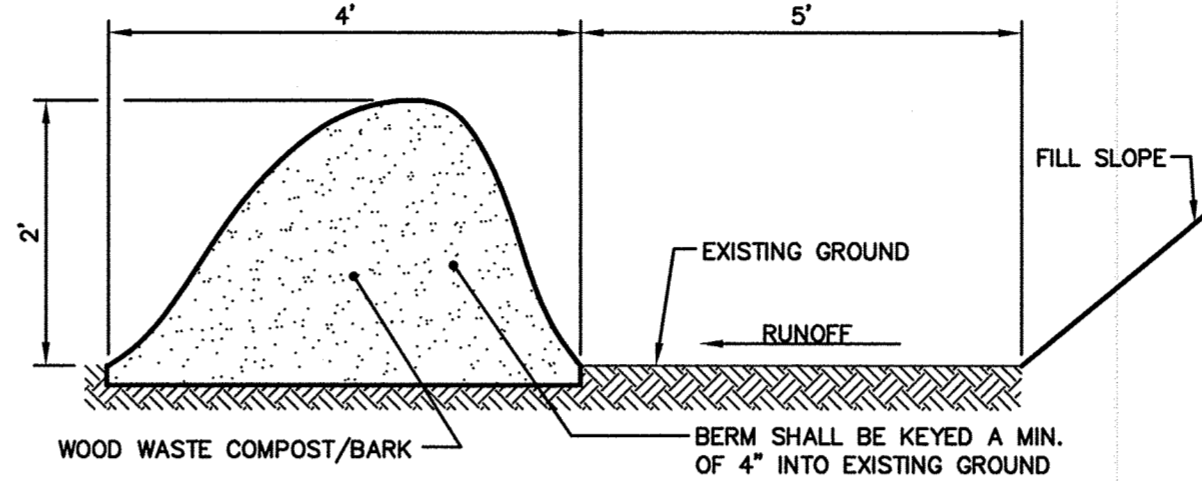
- NOTES
- ALTERNATIVE CONSTRUCTION METHODS OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY.
  - IN PAVED AREAS, DEPTHS OF GRAVEL AND HOT MIX ASPHALT PAVEMENT SHALL MATCH THE GREATER OF EXISTING CONDITIONS OR THE REQUIREMENTS FOR THE CORRESPONDING STREET CLASSIFICATION.
  - DIMENSION B SHALL BE SUFFICIENT TO ALLOW CRUSHED STONE BEDDING TO BE PLACED AND COMPACTED UNDER THE HAUNCHES OF THE PIPE; BUT IN ALL CASES DIMENSION B SHALL BE AT LEAST 9".
  - DIMENSION A IS THE MAXIMUM WIDTH ALLOWED FOR CALCULATING PAY QUANTITIES UNDER GRANULAR BORROW, CRUSHED STONE, STRUCTURAL EARTH EXCAVATION, AND STRUCTURAL ROCK EXCAVATION. DIMENSION A SHALL BE BASED ON PIPE DIAMETER D, AS SET FORTH IN THE FOLLOWING TABLE.

PIPE DIAMETER, D A (INCHES)	MAX. TRENCH WIDTH, (FEET)
4	4.0
6	4.0
8	4.0
10	4.0
12	5.0
15	5.0
18	5.0
21	5.0
24	6.0
27	6.0
30	6.0
36	6.0
42	7.0
48	7.0

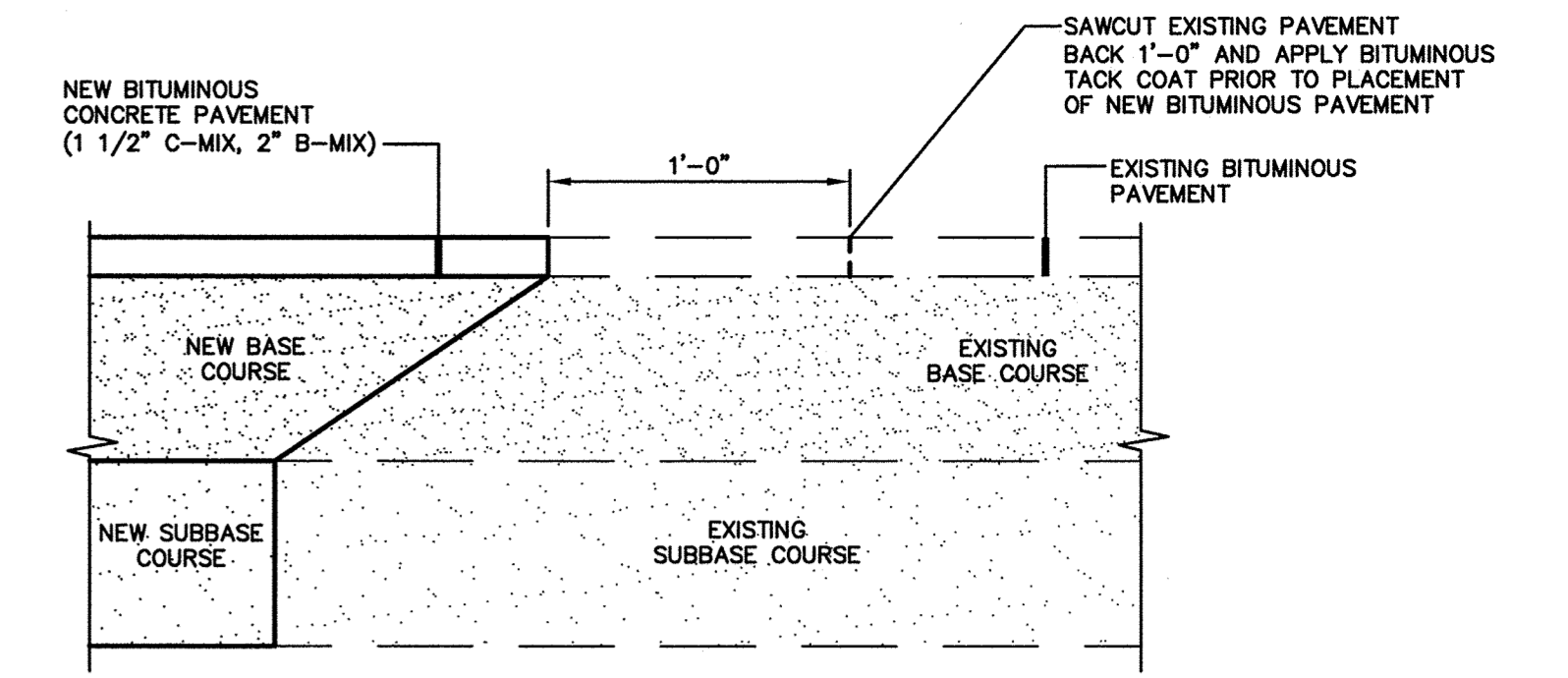
**TYPICAL PIPE TRENCH INSTALLATION**  
NOT TO SCALE

NOTES:

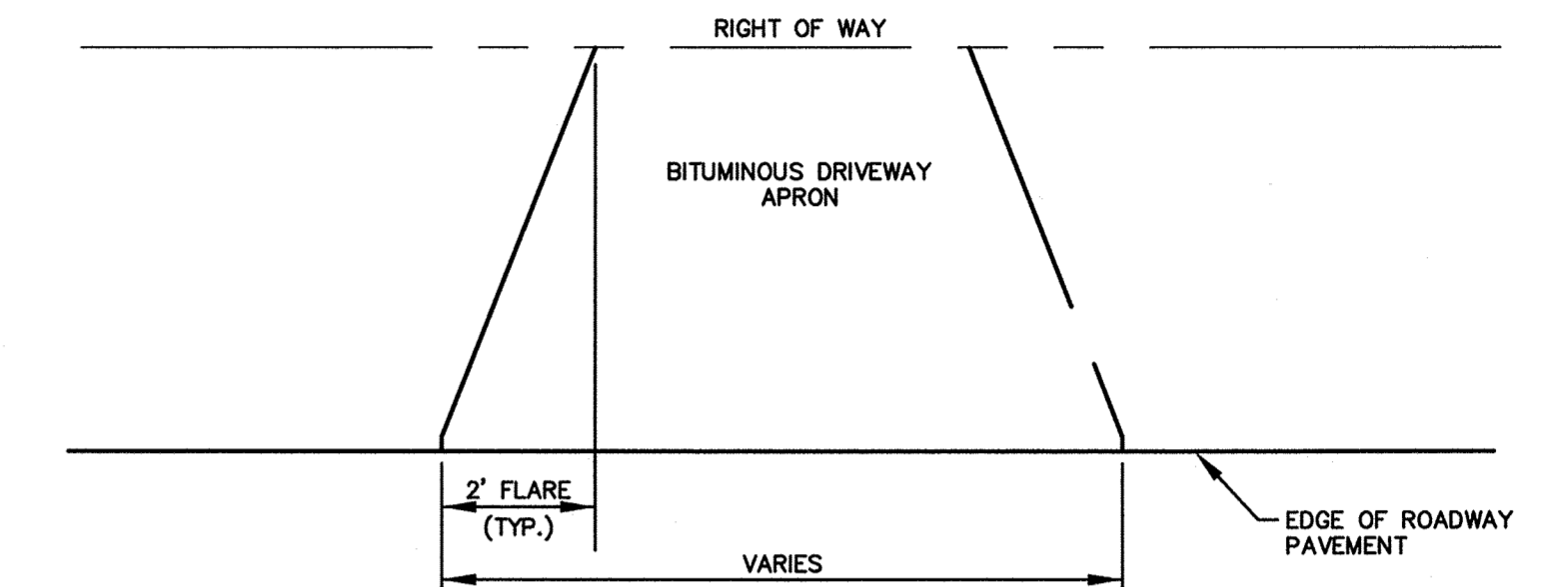
- THE WOOD WASTE COMPOST/BARK MIX SHALL CONFORM TO THE FOLLOWING STANDARDS:
  - MOISTURE CONTENT - 30-60%
  - pH - 5.0 - 8.0
  - SCREEN SIZE - 100% LESS THAN 3", MAX. 70% LESS THAN 1"
  - NO LESS THAN 40% ORGANIC MATERIAL (DRY WEIGHT) BY LOSS OF IGNITION.
  - NO STONES LARGER THAN 2" IN DIAMETER.
  - SILTS, CLAYS OR SUGAR SANDS ARE NOT ACCEPTABLE IN THE MIX.
- THE COMPOST BERM SHALL BE PLACED, UNCOMPACTED, ALONG A RELATIVELY LEVEL CONTOUR.
- THE WOOD WASTE COMPOST/BARK FILTER BERM MAY BE USED IN LIEU OF SILTATION FENCE, AT THE TOE OF SHALLOW SLOPES, ON FROZEN GROUND, LEDGE OUT CROPS, VERY ROOTED FORESTED AREA OR AT THE EDGE OF GRAVEL PARKING AREAS.
- BERMS SHALL REMAIN IN PLACE UNTIL UPSTREAM AREA IS COMPLETED OR 70% CATCH OF VEGETATION IS ATTAINED. BERMS SHALL BE REMOVED BY SPREADING SUCH THAT NATIVE EARTH CAN BE SEEN BELOW.
- WOODWASTE COMPOST BARK FILTER SHALL NOT BE USED IN WETLAND AREAS.



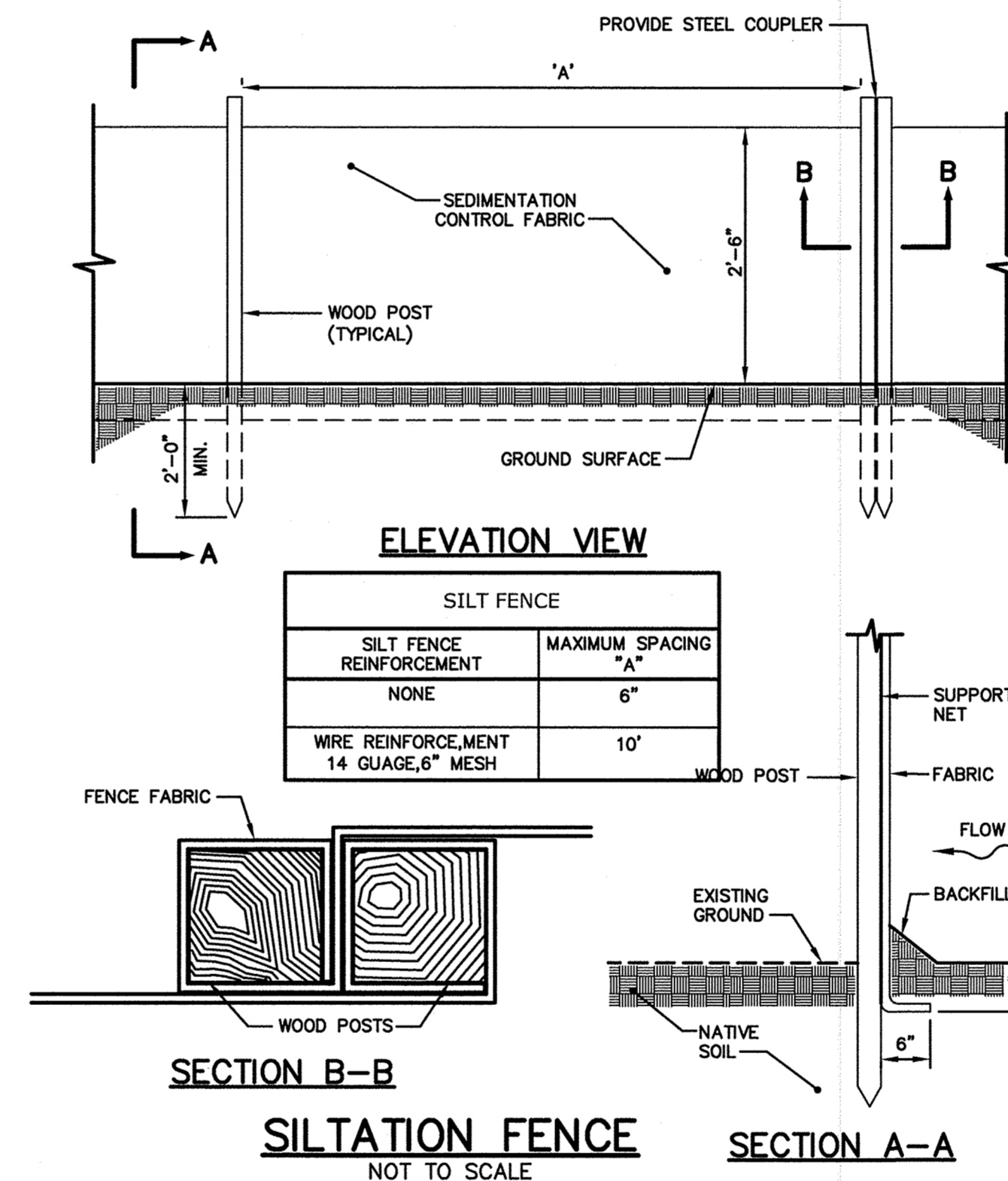
**WOOD WASTE COMPOST/BARK  
FILTER BERM DETAIL**  
NOT TO SCALE



**PAVEMENT SAWCUT**  
NOT TO SCALE

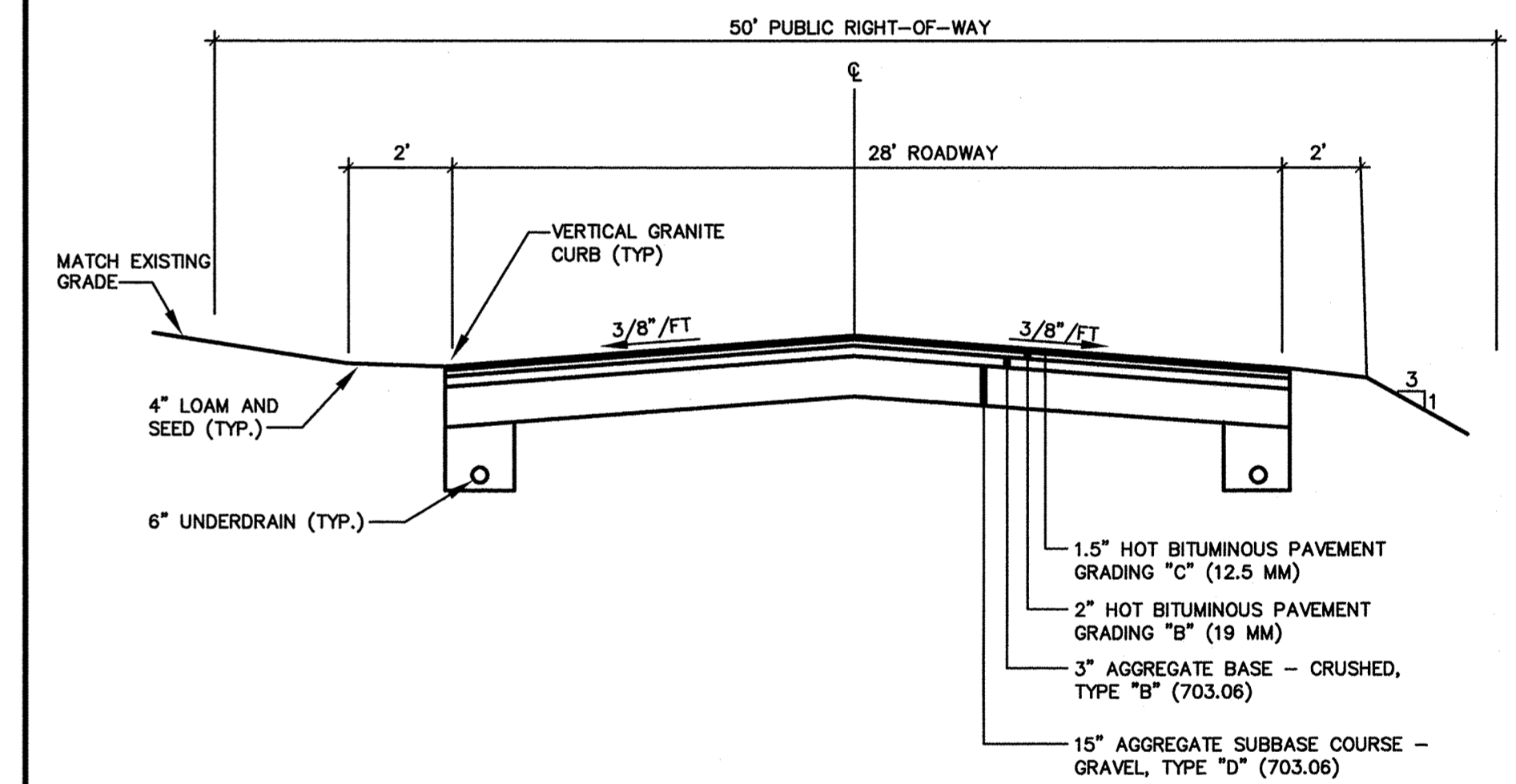


**DRIVEWAY APRON LAYOUT DETAIL**  
NOT TO SCALE

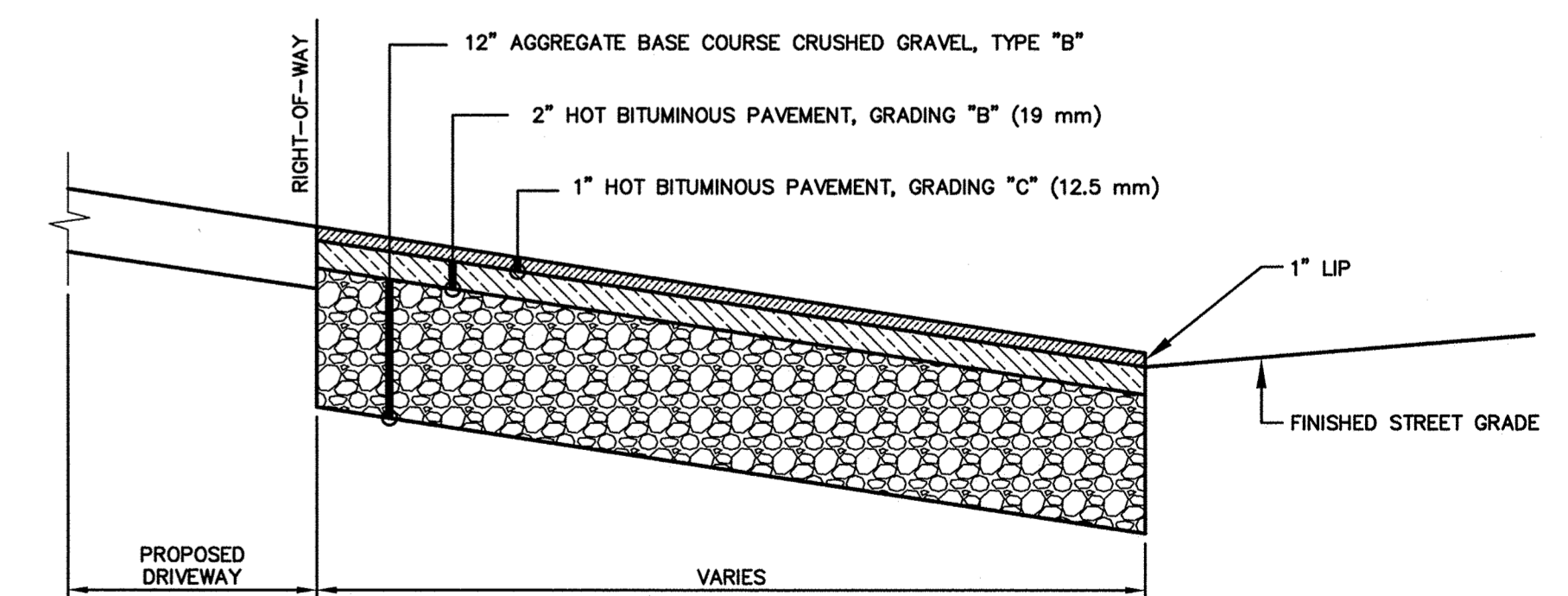


**ELEVATION VIEW**  
**SECTION B-B**  
**SILTATION FENCE**  
NOT TO SCALE

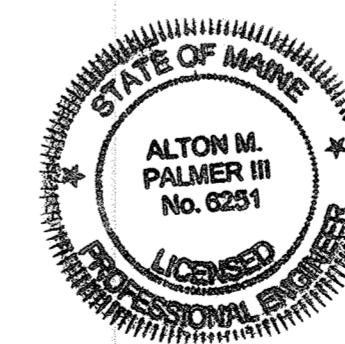
**SECTION A-A**



**TYPICAL LOCAL RESIDENTIAL STREET**  
NOT TO SCALE



**BITUMINOUS DRIVEWAY APRON**  
NOT TO SCALE



NOTE: THIS PLAN SET IS ISSUED FOR PERMITTING PURPOSES AND SHALL NOT BE USED FOR CONSTRUCTION.

U:\2790 Hillcrest Ave - Higgins\2790-ROAD-PP.dwg 7/13/2013 4:27 PM

Rev.	Date	Revision

MUNICIPAL REVIEW	Date	By
	7/8/13	AMP

Design:	Draft:	Date:
	CG	JUNE 2013
Checked:	Scale:	Job No.:
	1"=20'	2790
File Name: 2790-ROAD-PP.dwg		
This plan shall not be modified without written permission from Gorrill-Palmer Consulting Engineers, Inc.(GPCEI). Any alterations, authorized or otherwise, shall be at the user's sole risk and without liability to GPCEI.		

**GP** Gorrill-Palmer Consulting Engineers, Inc.  
Engineering Excellence Since 1998  
PO Box 1237 15 Shaker Road Gray, ME 04039  
207-657-6910 FAX: 207-657-6912 E-Mail: mailbox@gorrillpalmer.com

Drawing Name:	Details
Project:	Hillcrest Avenue Portland, Maine
Client:	Timothy Higgins 83 Bay Street, Portland Maine 04104

Drawing No.
3