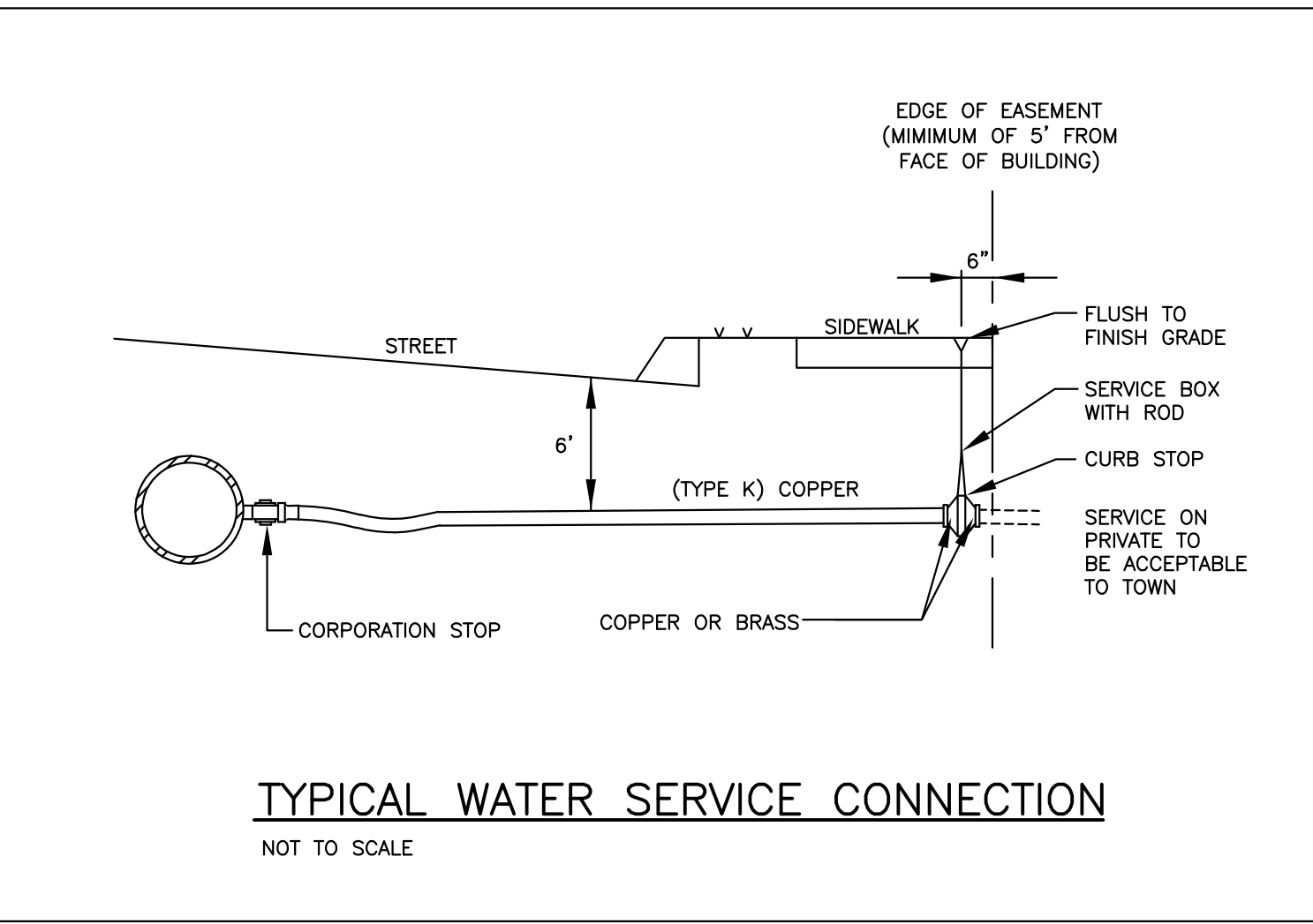
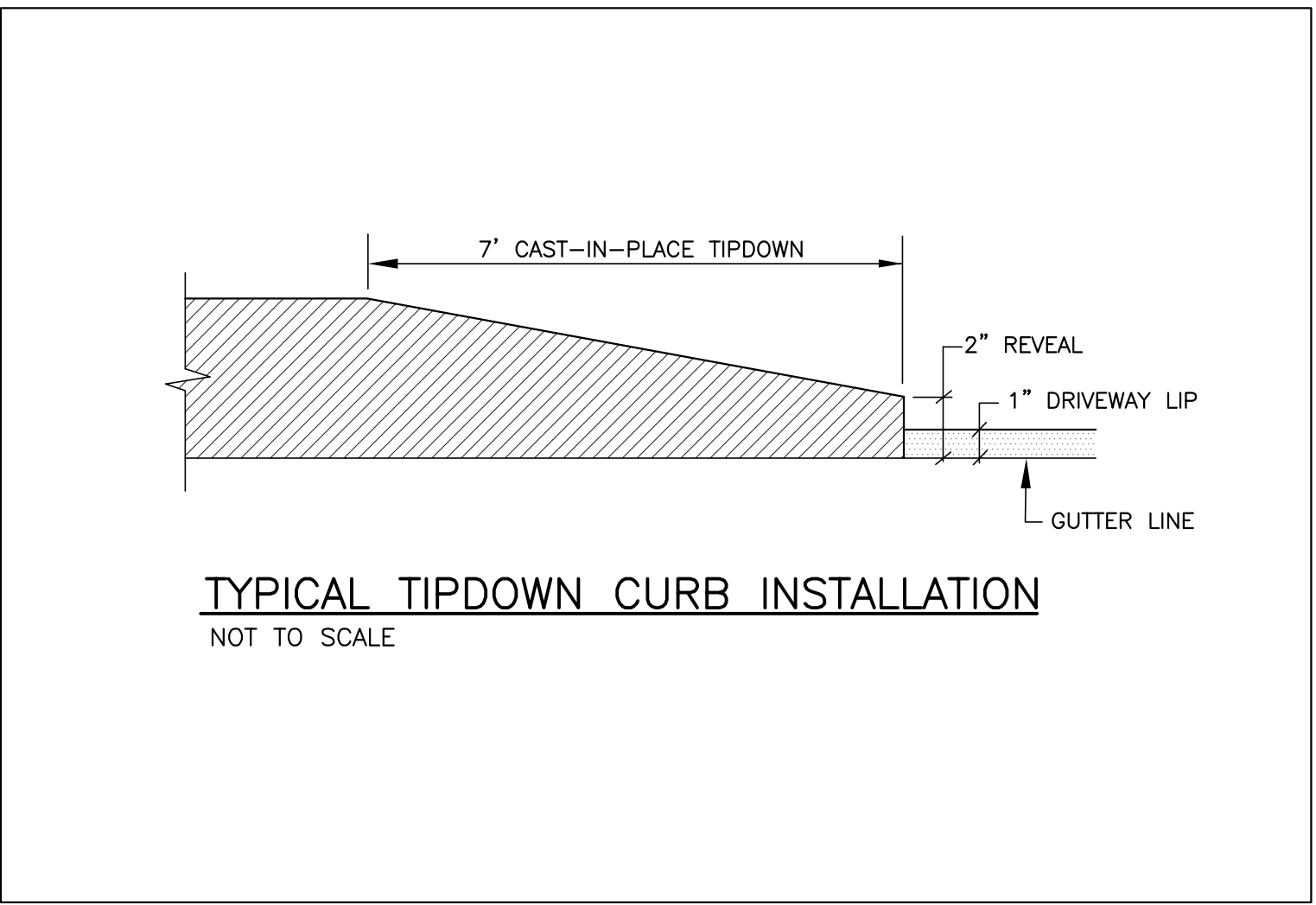
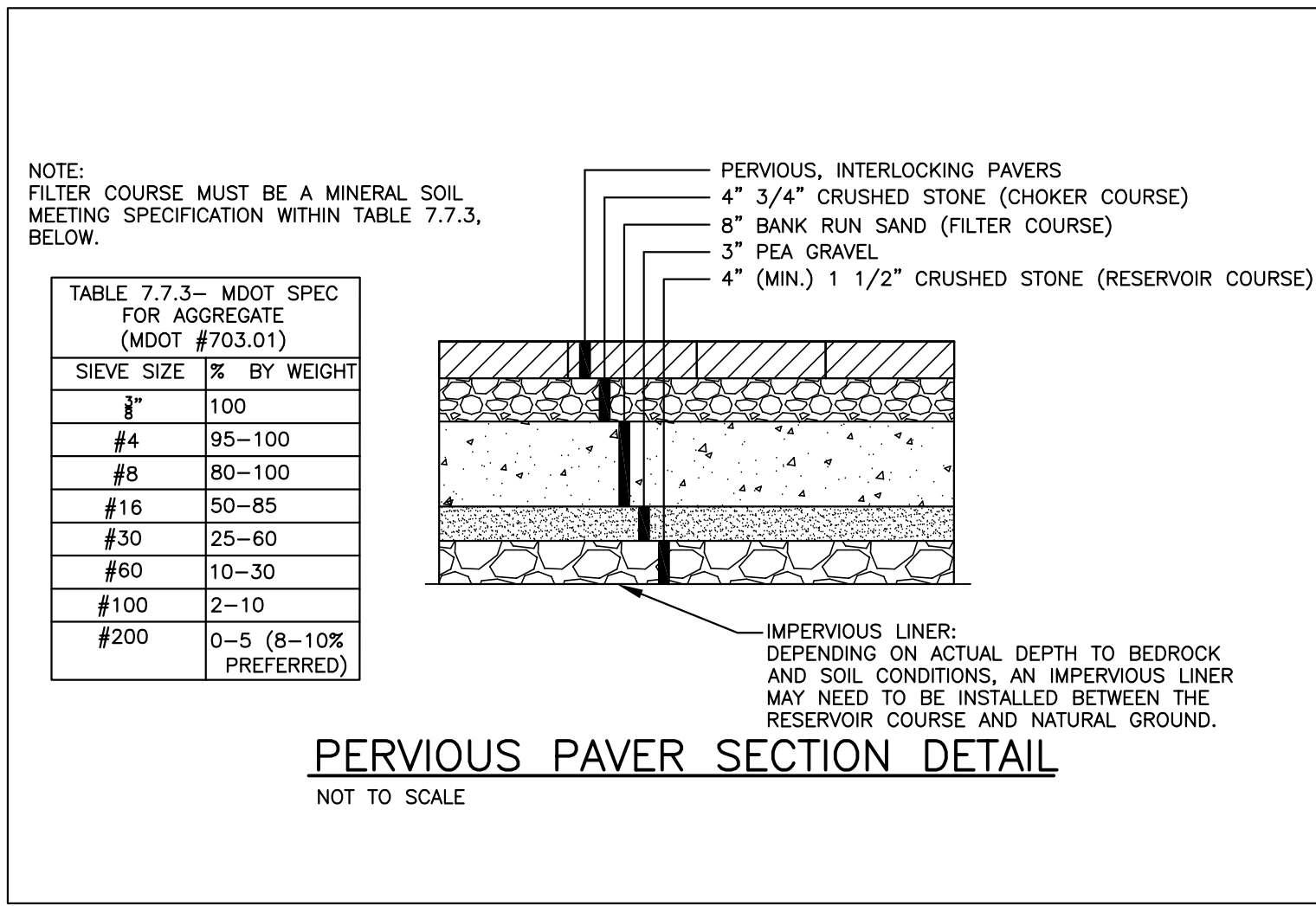
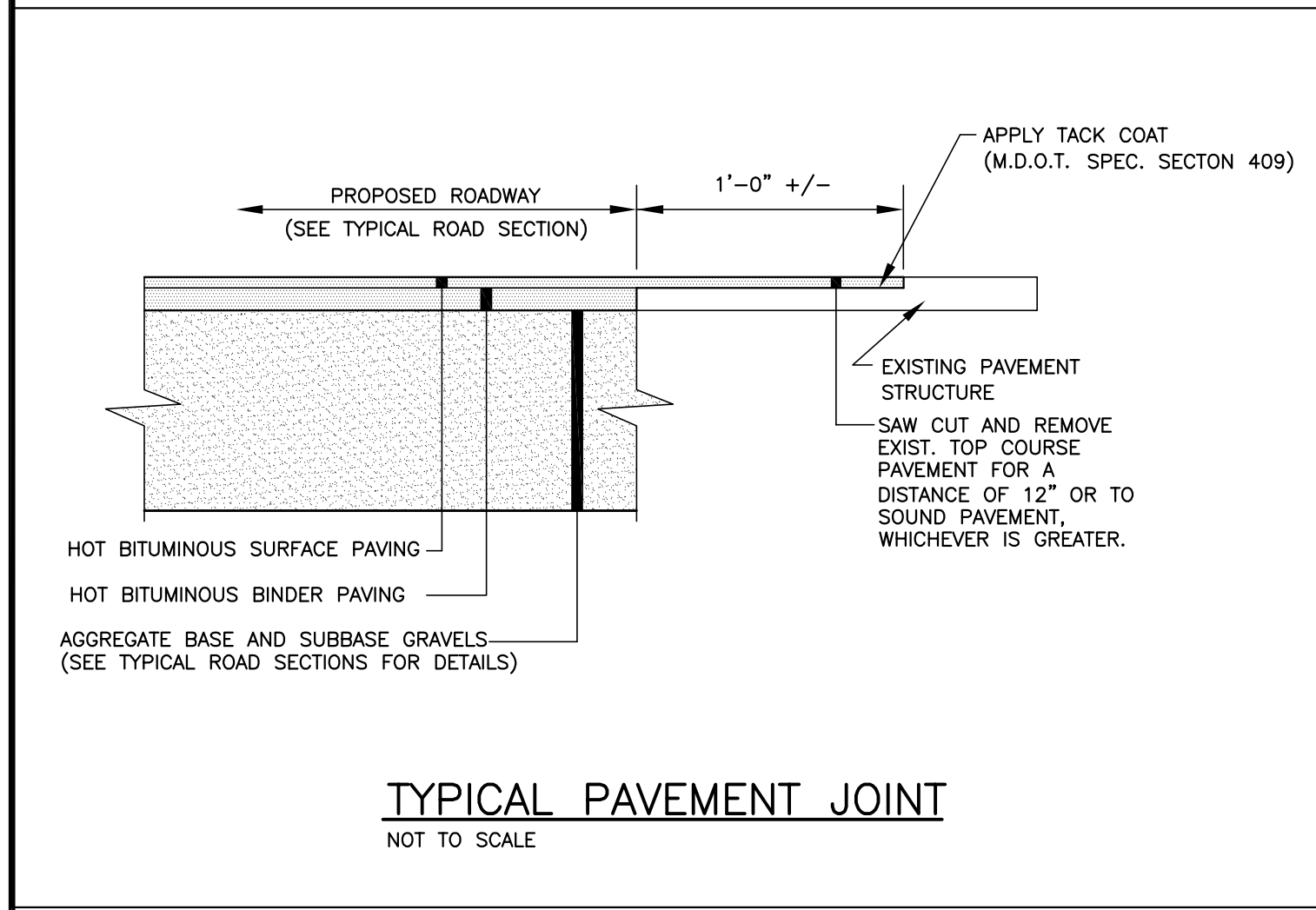
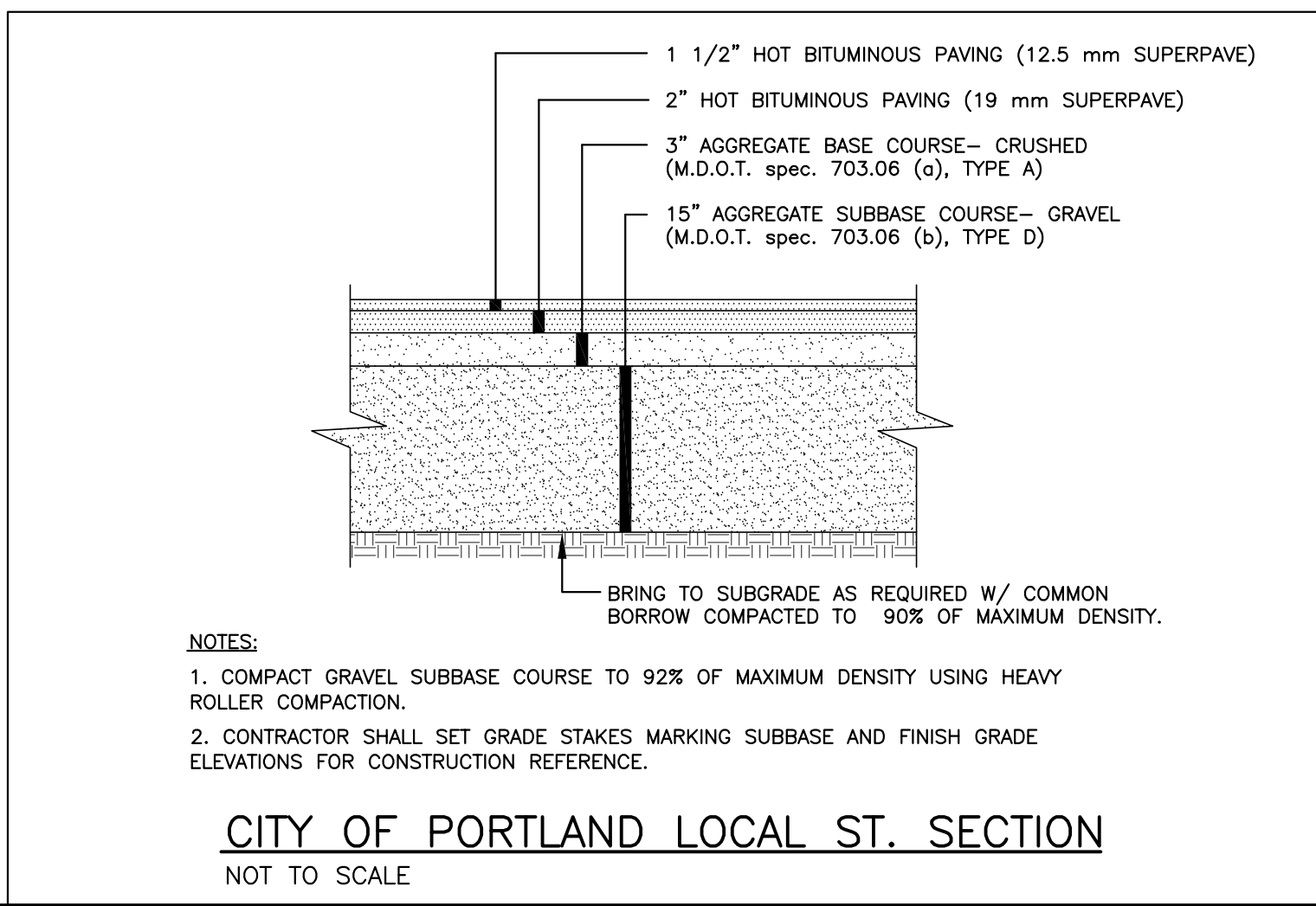
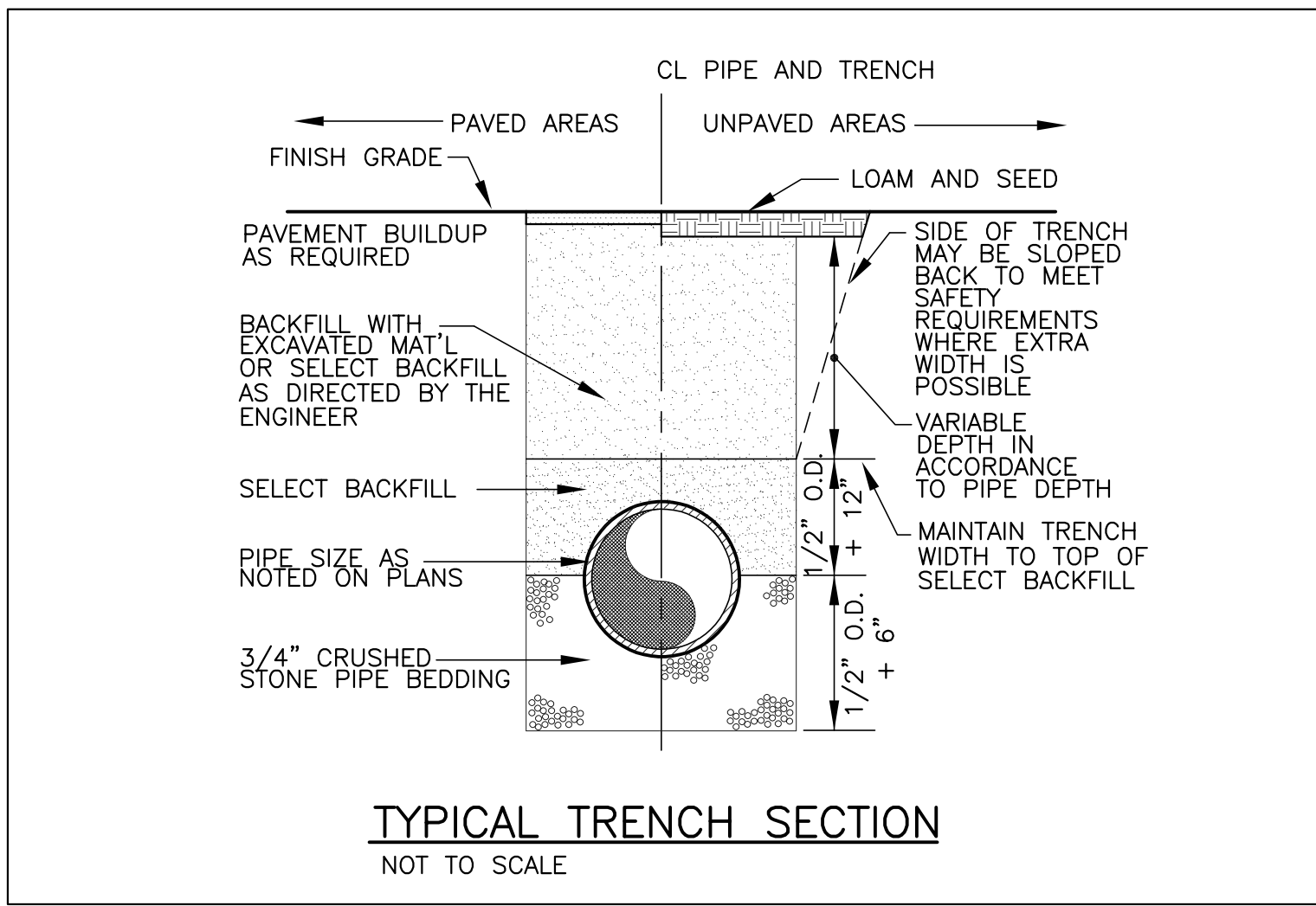
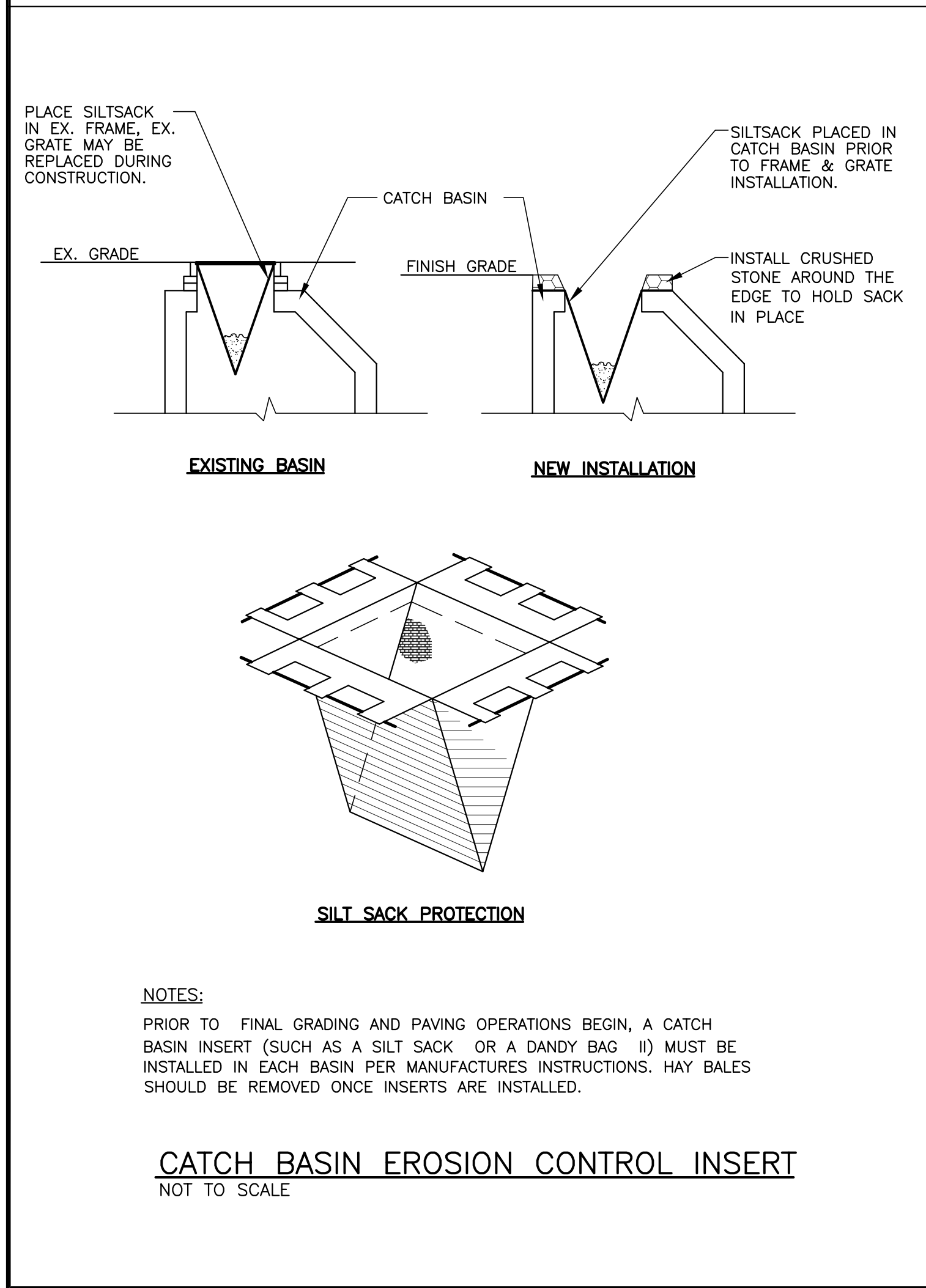


NO.	DATE	DESCRIPTION



PROJECT NAME: 7 CUMBERLAND AVE.  
PROJECT NO.: 17004  
DRAWING NO.: 17004-B  
FIELDBOOK:  
SCALE:  
DATE ISSUED: FEB. 22, 2017  
CLIENT: GARDNER PROPERTIES, LLC  
126 UNDERWOOD DRIVE  
FALMOUTH, ME 04105



Section 1 - Transportation Systems and Street Design  
Adopted 7-19-10 Rev. 6-17-11; 7-21-11

**BIKE HITCH** Specifications and Space Use

**BIKE RACK SPECIFICATION - BIKE HITCH**

DATE: AUGUST 2009  
REVISED:

CITY OF PORTLAND, MAINE  
TECHNICAL STANDARDS MANUAL

TRANSPORTATION SYSTEMS AND STREET DESIGN  
SECTION I

FIGURE: I-33a

Section 4 - Landscaping and Landscape Preservation  
Adopted 7-19-10 Rev. 6-17-11

NOTES:  
16" EXPANDABLE TREE OPENING. 0.25" SLOT OPENINGS.  
SIDEWALK MATERIAL PER CITY SIDEWALK MATERIAL POLICY.

WHEN THE TREE GRATE IS INSTALLED IN A CONCRETE SIDEWALK, A NOTCH MUST BE INSTALLED ALONG THE EDGE TO HOLD THE GRATE, WHEN INSTALLED IN A BRICK SIDEWALK IT REQUIRES A FRAME TO BE INSTALLED TO HOLD THE GRATE IN PLACE.

**EXPANDABLE TREE GRATE NEENAH MODEL R-8810**  
NOT TO SCALE

DATE: MARCH 2011  
REVISED:

CITY OF PORTLAND, MAINE  
TECHNICAL STANDARDS MANUAL

STDS FOR LANDSCAPING AND PRESERVATION OF EXISTING VEGETATION  
SECTION IV

FIGURE: IV-4A

EXPANDABLE TREE GRATE FOR NARROW RESIDENTIAL URBAN STREETS

ARCHITECT: JHW  
CHECKED: JHW  
APPROVED: JHW

**Plymouth Engineering, Inc.**  
P.O. Box 48 30 Lower Detroit Road  
Plymouth, Maine 04989  
Tel: (207) 287-2071 Fax: (207) 287-8130  
info@plymouthengineering.com  
www.plymouthengineering.com

STATE OF MAINE  
PLANNING AND CONSTRUCTION DEPARTMENT  
PLANNING AND CONSTRUCTION DIVISION

PLANNING PURPOSES ONLY AND ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION

SHEET 5 OF 5

**C5**