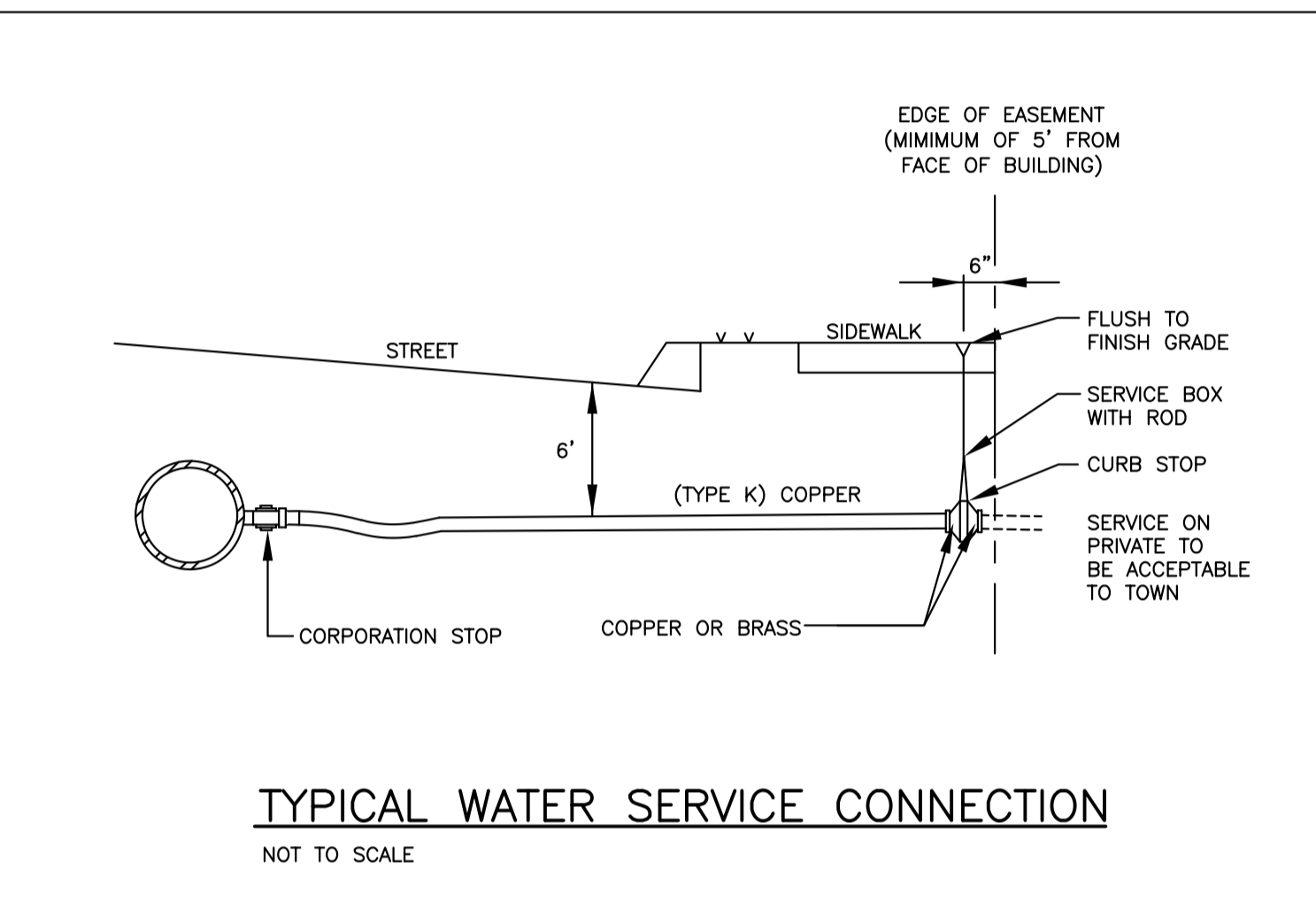
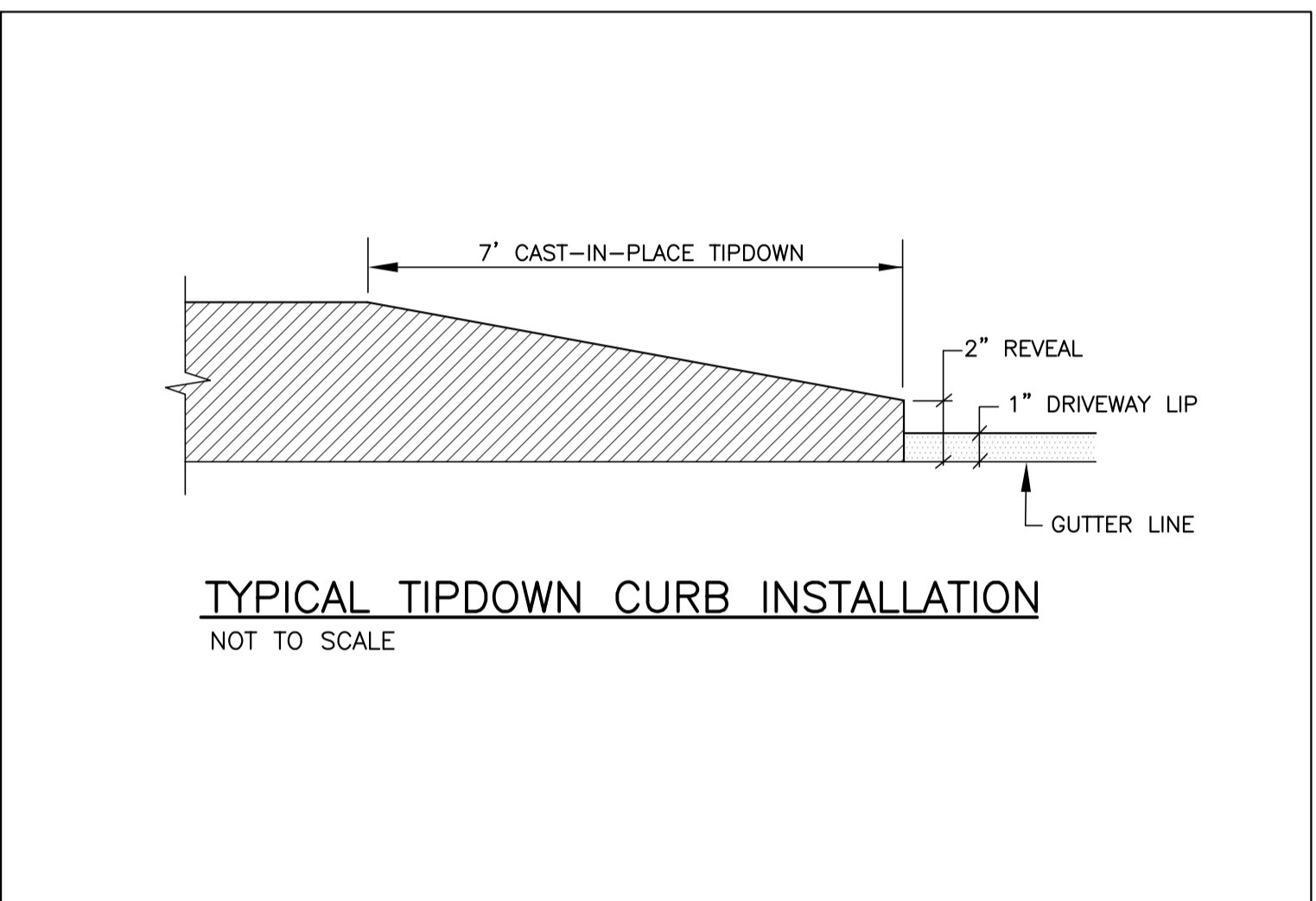
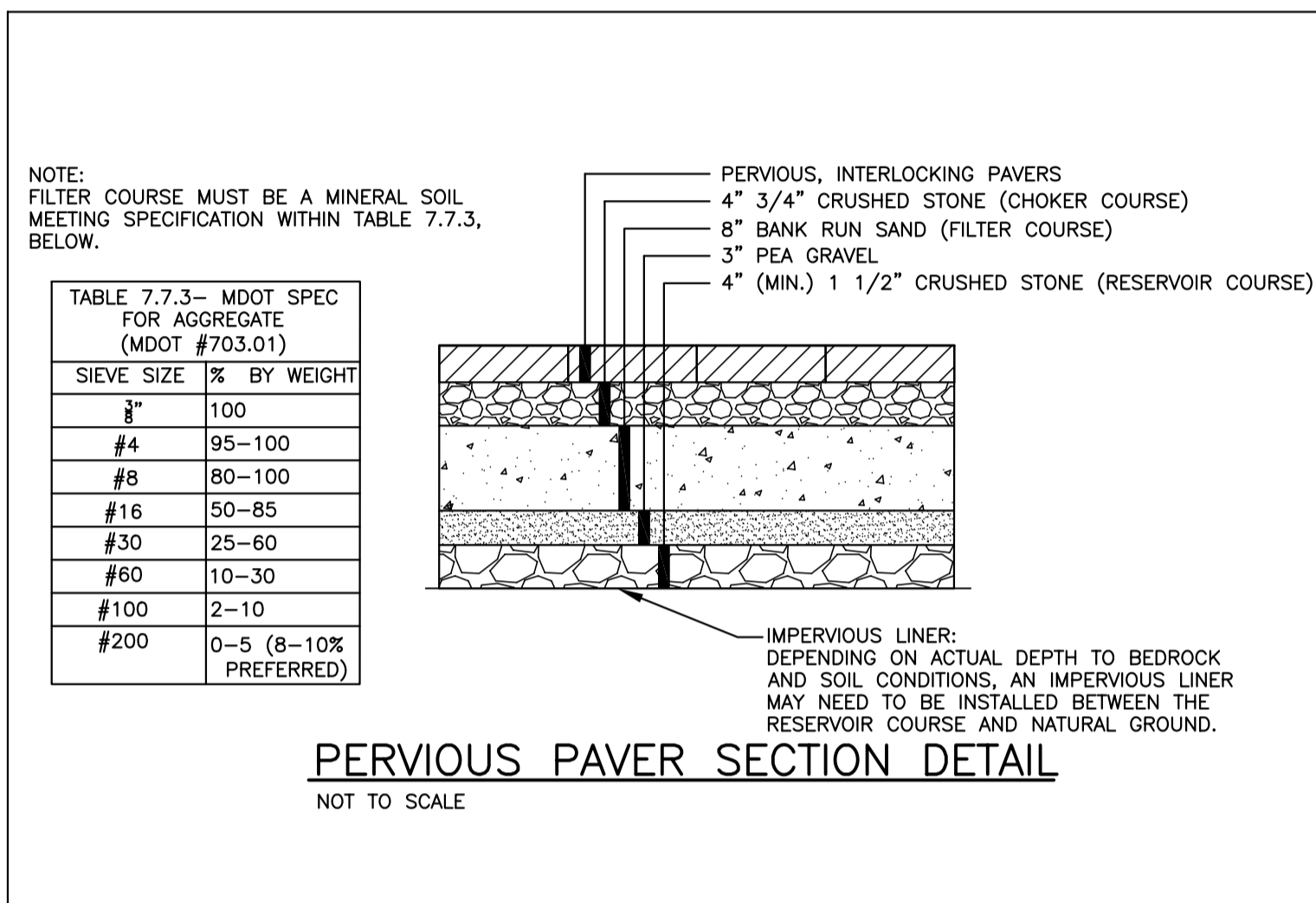
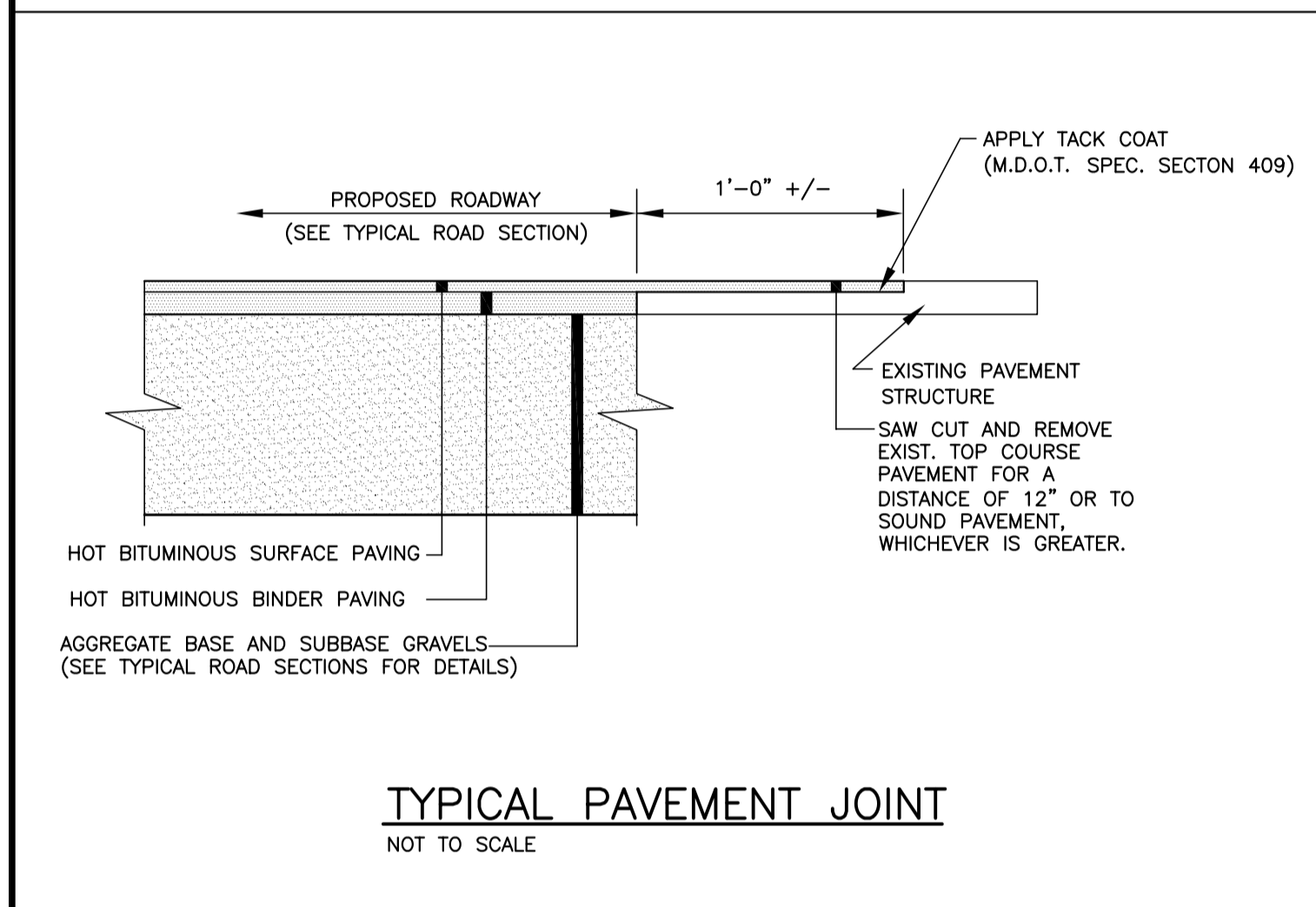
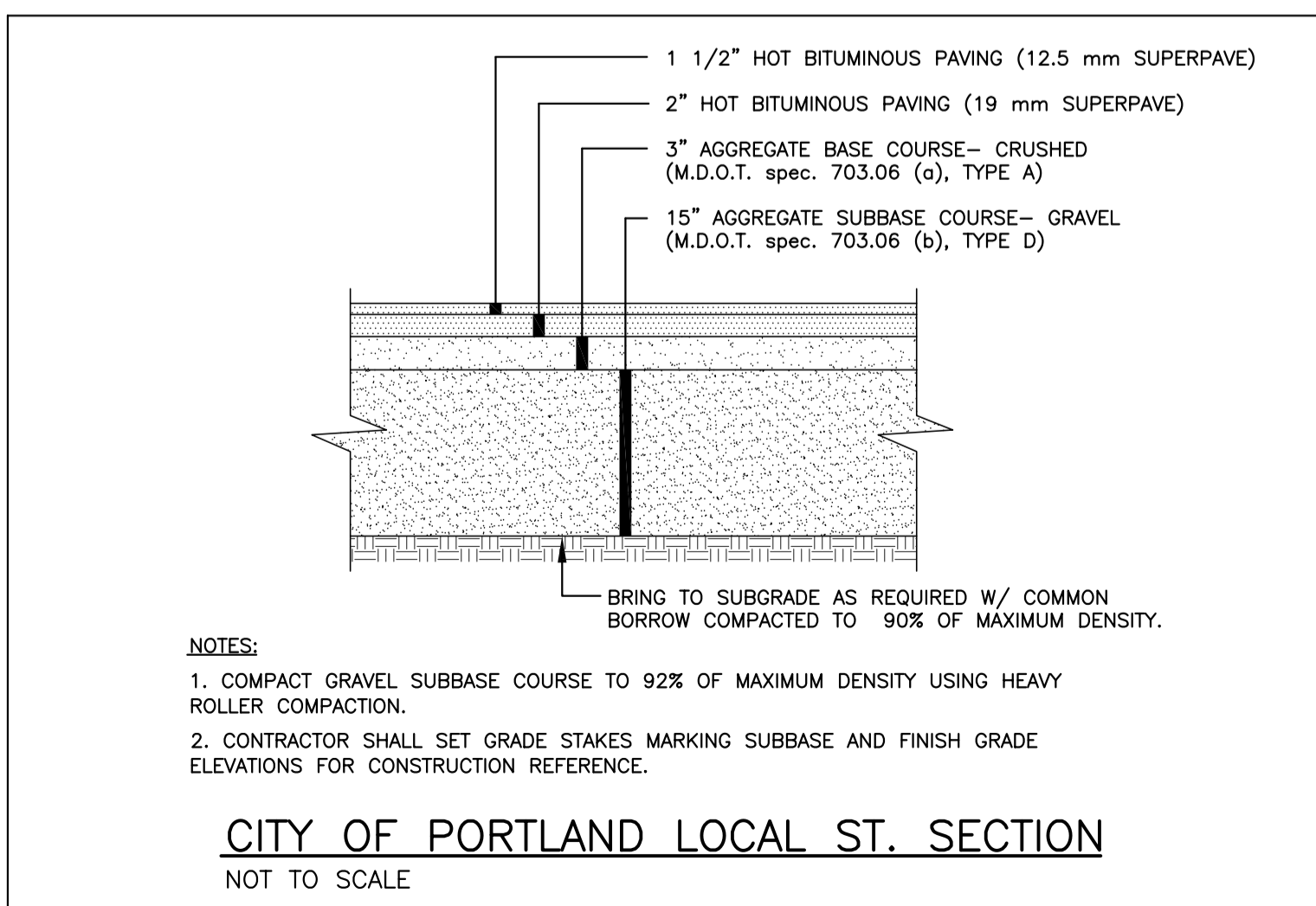
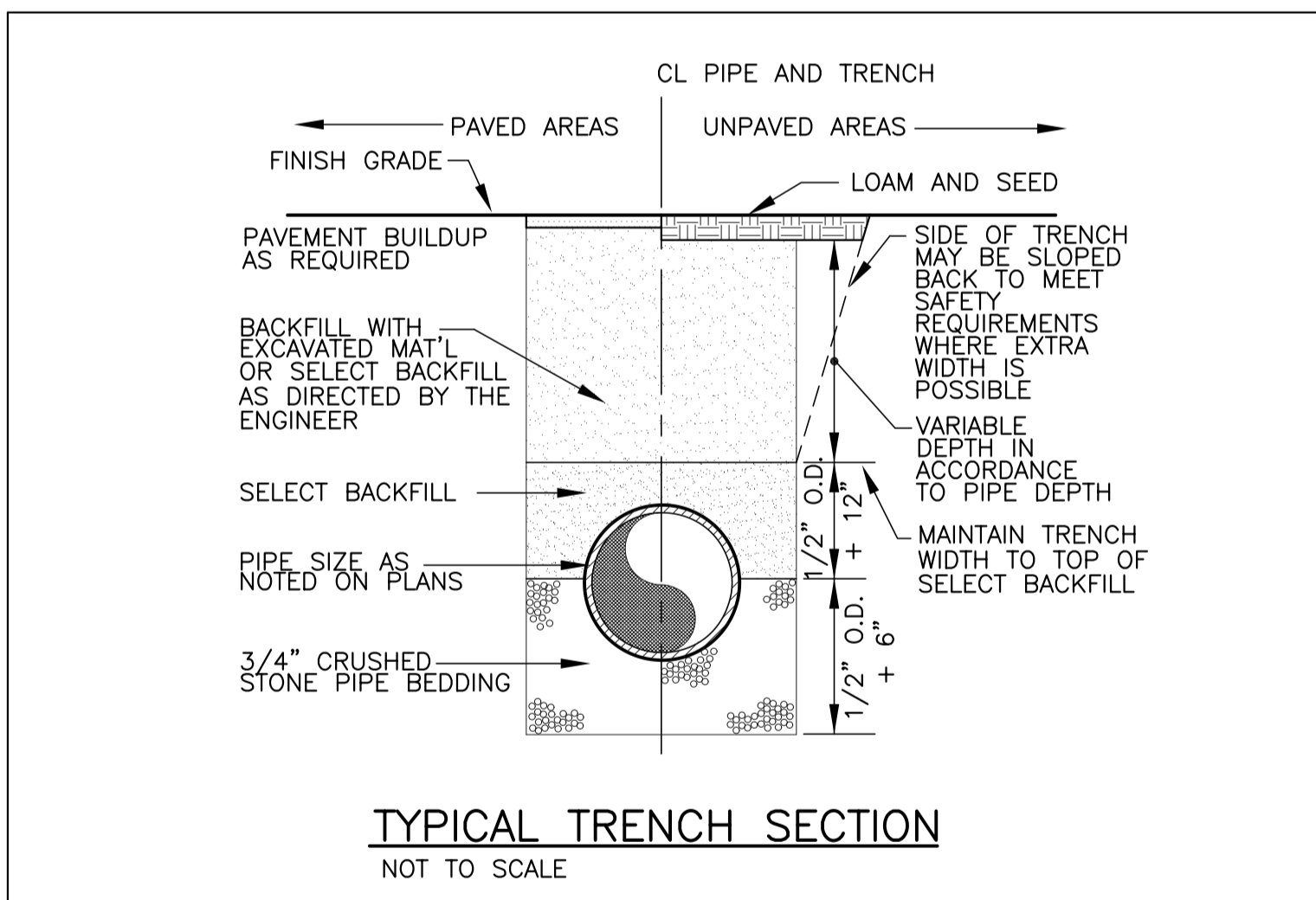
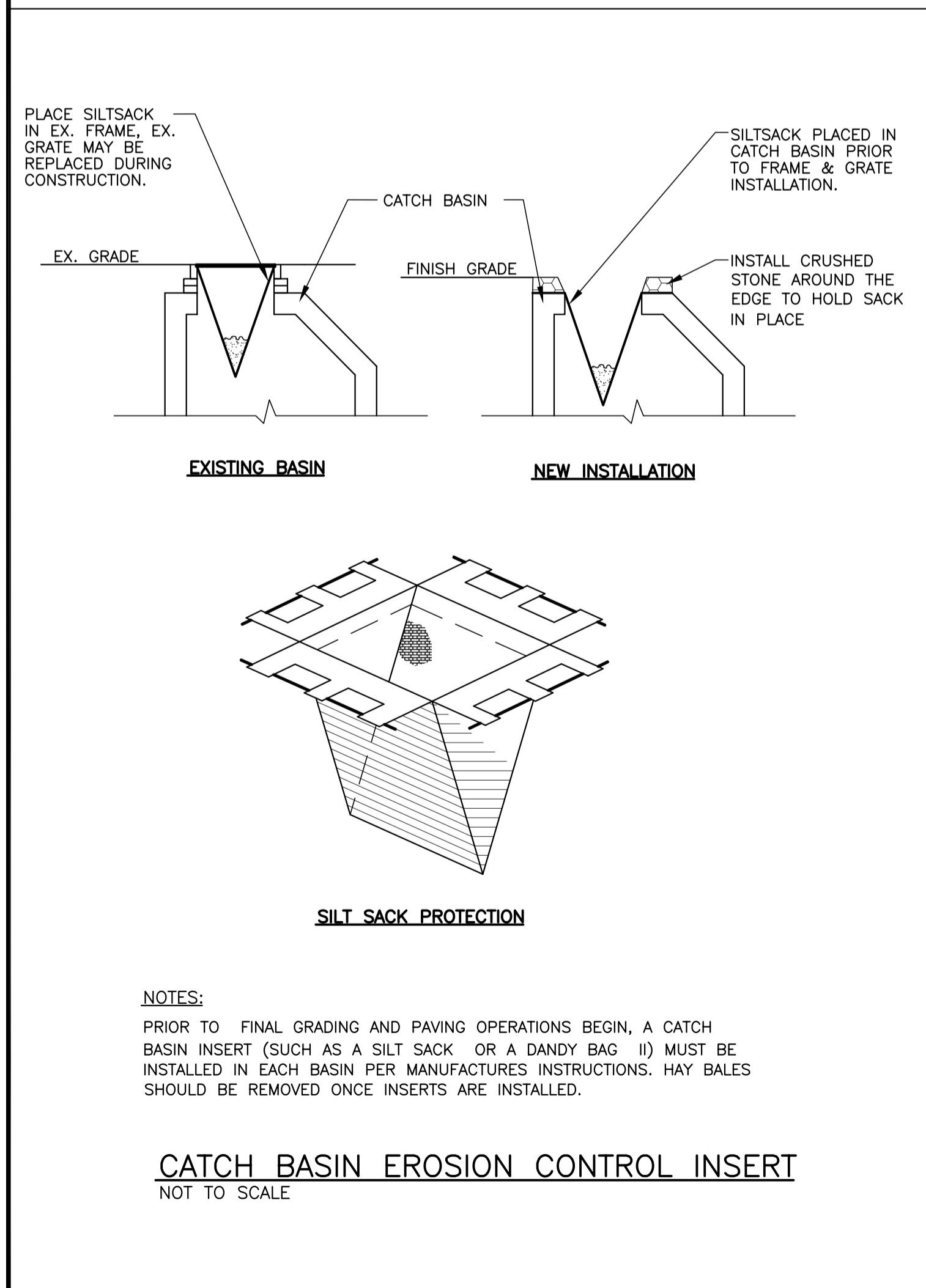


NO.	DATE	DESCRIPTION
1	5/12/17	REVISED PER CITY COMMENTS



PROJECT NAME: 7 CUMBERLAND AVE.  
PORTLAND, MAINE  
SHEET NAME: DETAILS



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

City of Portland Technical Manual

**BIKE HITCH**

Specifications and Space Use

Product: Dero Bike Hitch  
As manufactured by Dero Bike Racks

Capacity: 2 Bikes

Materials: Centebeam: 2" schedule 40 pipe (2.375" O.D.)  
Ring: 1.5" O.D. 11 gauge tube

Finish: As after fabrication hot dipped galvanized finish is standard. 250TSPC powder coat color, a thermoplastic coating and a stainless steel option are also available.

Our powder coat finish assures a high level of adhesion and durability by following these steps:  
1. Sandblast  
2. Iron phosphate pretreatment  
3. Epoxy primer electrocoat by applied  
4. Final thick TGIC polyester powder coat

Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

A rubbery PVC clip is also available

Installation Methods: In-ground mount is embedded into concrete base. Surface mount has one 5" x 6" foot which is anchored to the ground with four anchors (included with racks).

Space Use and Setbacks: Wall Setbacks: For racks set parallel to a wall: Minimum: 15" Recommended: 24" For racks set perpendicular to a wall: Minimum: 35" (centerline measurement) Recommended: 38" (54" if able to be needed between bike and wall) Distance Between Racks: Minimum: 24" Recommended: 38" Street Setbacks: Minimum: 36"

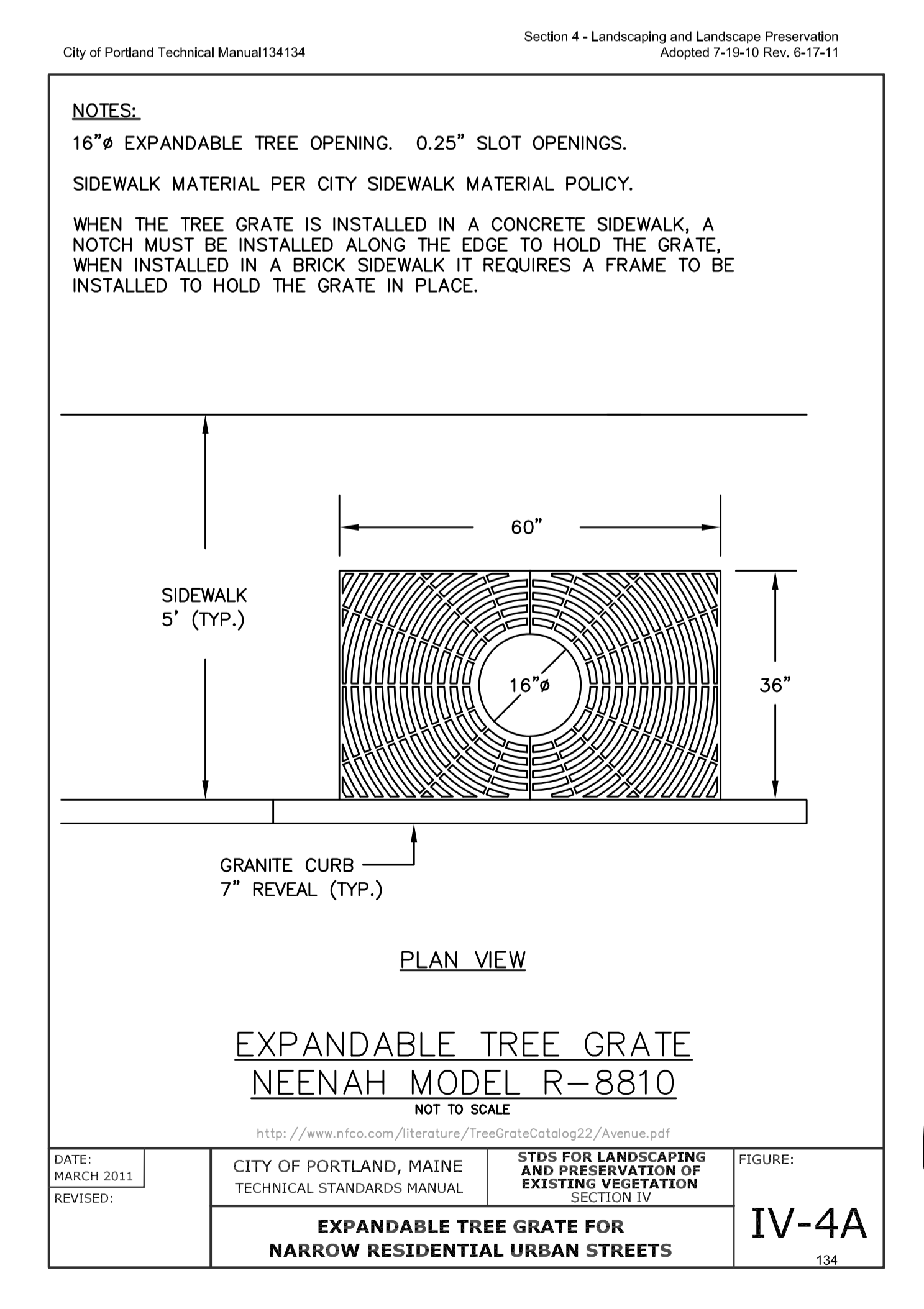
DATE: AUGUST 2009  
REVISED:

CITY OF PORTLAND, MAINE  
TECHNICAL STANDARDS MANUAL

TRANSPORTATION SYSTEMS AND STREET DESIGN  
SECTION I

FIGURE: I-33a

BICYCLE RACK SPECIFICATION - BIKE HITCH



PROJECT NO: 17004  
DRAWING NO: 17004 B  
FIELDBOOK:  
SCALE:  
DATE ISSUED: FEB. 22, 2017  
PLANNING: JHW  
CHECKED: JHW  
APPROVED: JHW

ARCHITECT: JHW

CLIENT: GUNNERS PROPERTIES, LLC  
126 UNDERWOOD DRIVE  
FALMOUTH, ME 04105

**Plymouth Engineering, Inc.**  
P.O. Box 48 30 Lower Detroit Road  
Plymouth, Maine 04989  
Tel: (207) 287-2071 Fax: (207) 287-2130  
info@plymouthengineering.com  
www.plymouthengineering.com

STATE OF MAINE  
PLANNING AND CONSTRUCTION  
PLANNING AND CONSTRUCTION  
PLANNING AND CONSTRUCTION

DATE OF APPROVAL: May 24, 2017  
PLANNER: Matthew Grooms  
PROJECT NO: 2017-045