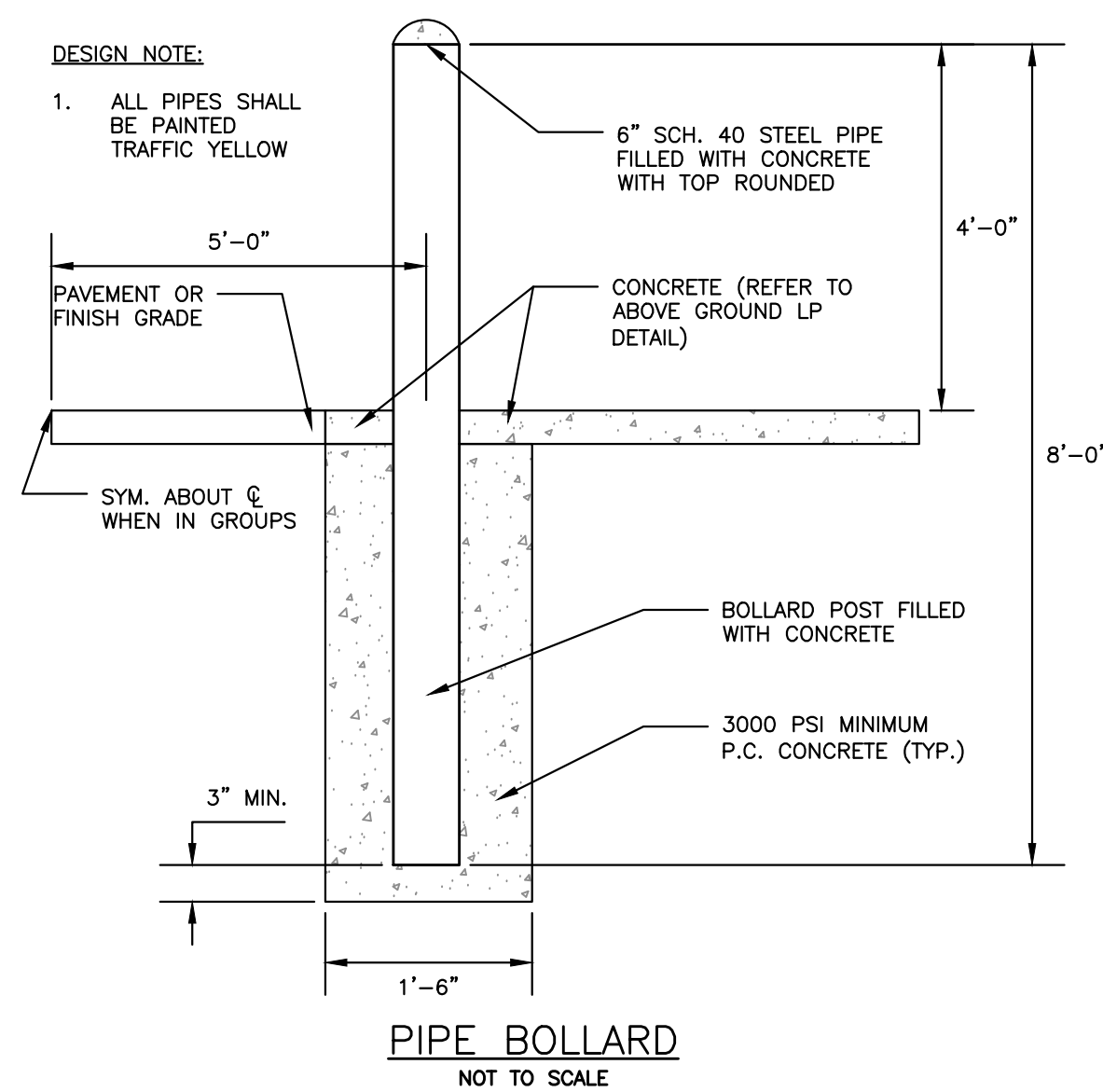


VERTICAL GRANITE CURB AND TIPDOWN INSTALLATION IN EXISTING STREETS DETAIL

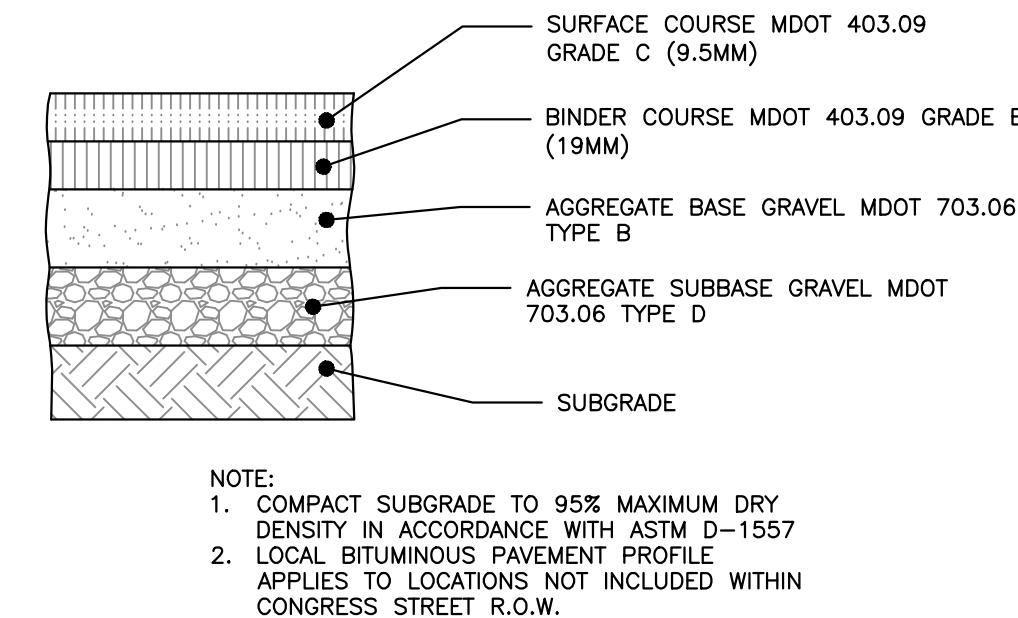
NOT TO SCALE

DESIGN NOTE:

- ALL PIPES SHALL BE PAINTED TRAFFIC YELLOW



NOT TO SCALE

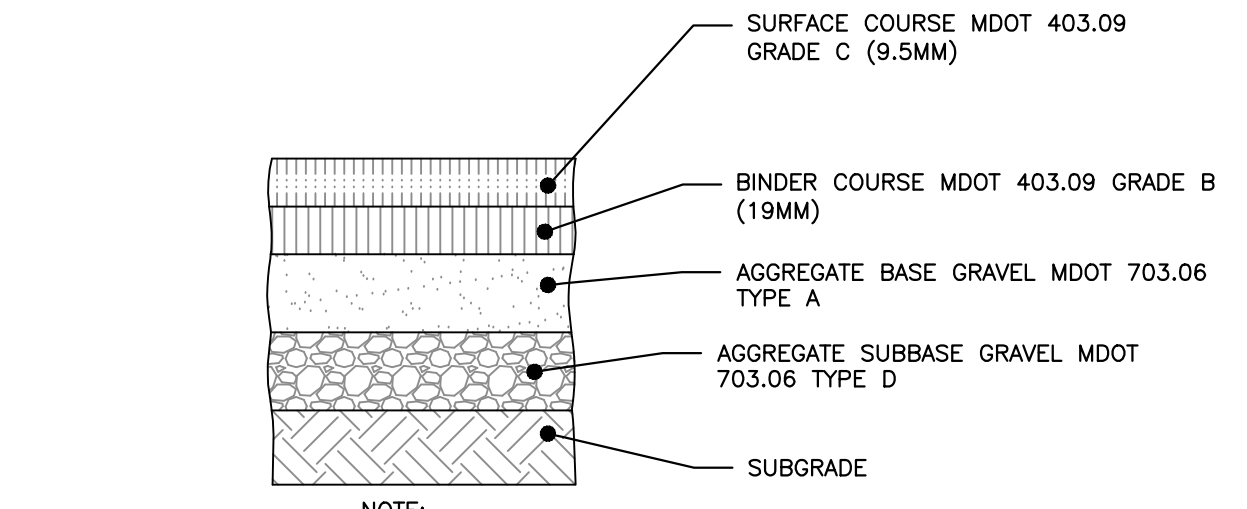


- NOTE:**
- COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557
 - LOCAL BITUMINOUS PAVEMENT PROFILE APPLIES TO LOCATIONS NOT INCLUDED WITHIN CONGRESS' STREET R.O.W.

THICKNESS OF LAYERS	
STANDARD	LAYERS
1-1/2"	SURFACE COURSE MDOT 403.09 GRADE C (9.5mm)
2"	BINDER COURSE MDOT 403.09 GRADE B (19mm)
3"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE B
15"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

LOCAL BITUMINOUS PAVEMENT PROFILE

NOT TO SCALE



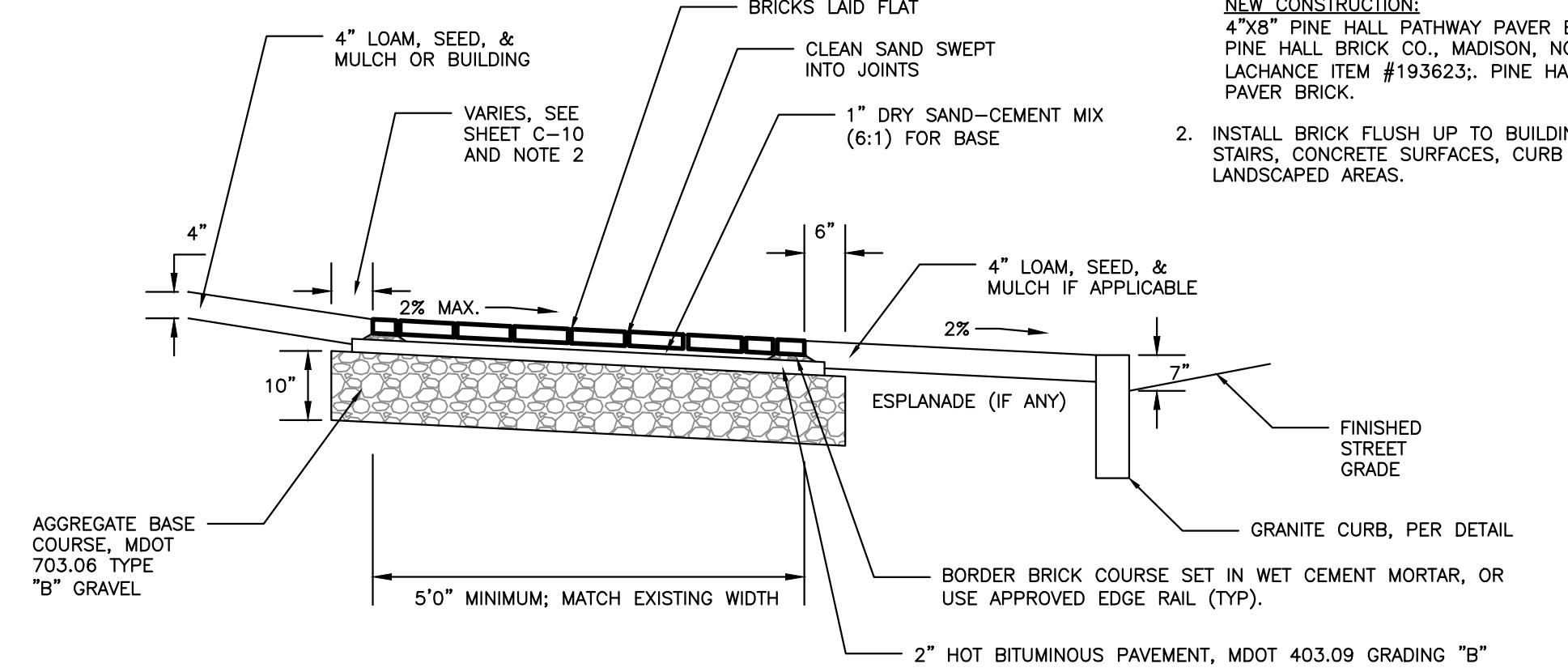
- NOTE:**
- COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
 - ARTERIAL BITUMINOUS PAVEMENT PROFILE APPLIES ONLY WITHIN CONGRESS STREET R.O.W.

THICKNESS OF LAYERS	
STANDARD	LAYERS
2"	SURFACE COURSE MDOT 403.09 GRADE C (12.5mm)
3"	BINDER COURSE MDOT 403.09 GRADE B (19mm)
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE B
18"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

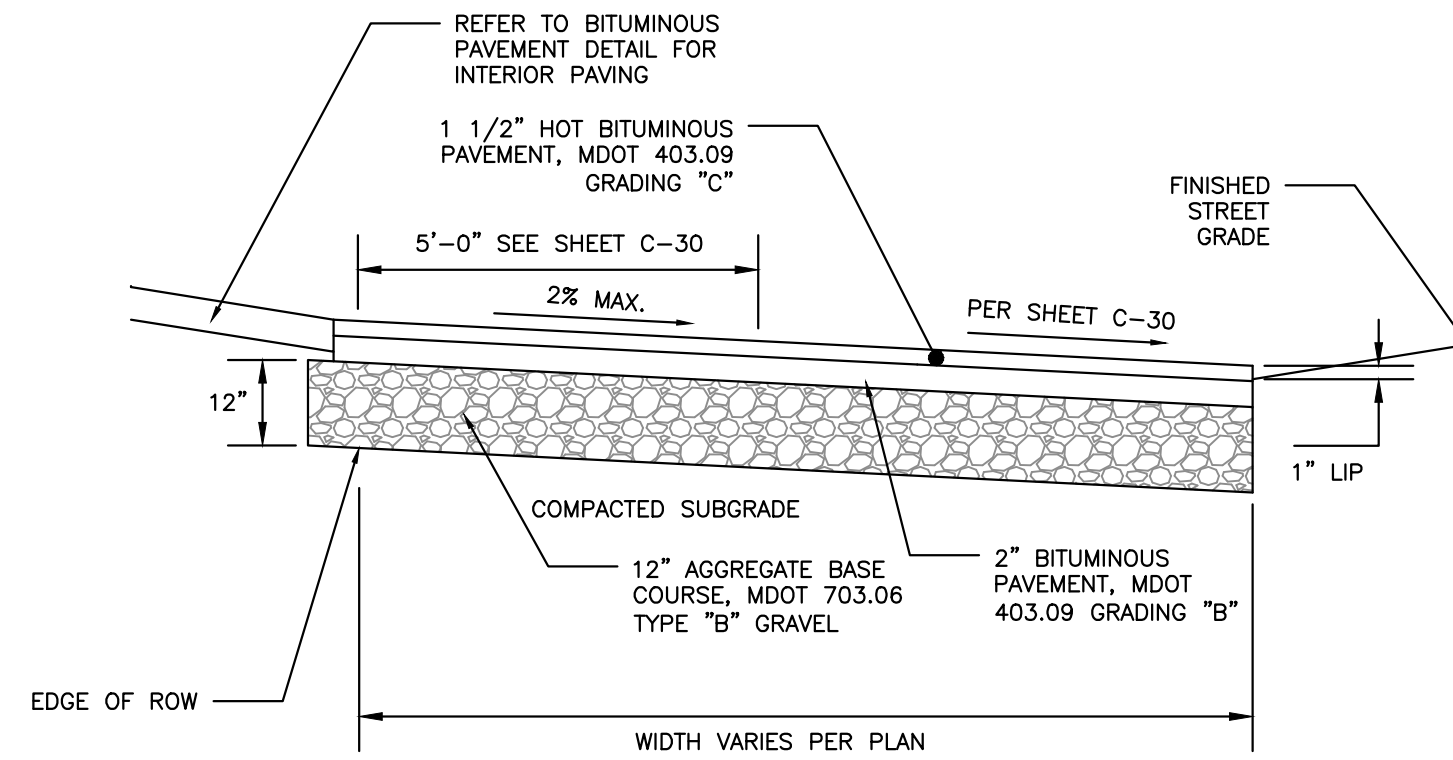
CITY OF PORTLAND ARTERIAL BITUMINOUS PAVEMENT PROFILE

NOT TO SCALE

- NOTES:**
- BRICKS TO BE USED:
NEW CONSTRUCTION:
 4"X8" PINE HALL PATHWAY PAVING BRICK; MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM #193623; PINE HALL PATHWAY PAVING BRICK.
 - INSTALL BRICK FLUSH UP TO BUILDING, PAVERMENT, STAIRS, CONCRETE SURFACES, CURB OR LANDSCAPED AREAS.



NOT TO SCALE

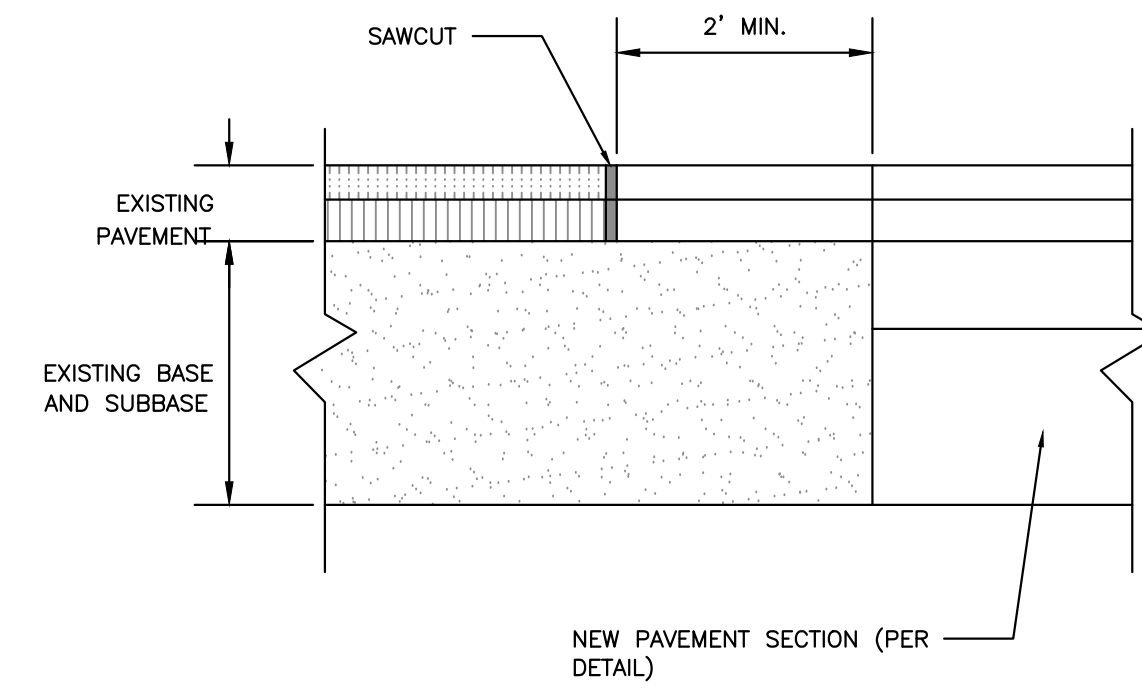


BITUMINOUS DRIVEWAY APRON DETAIL

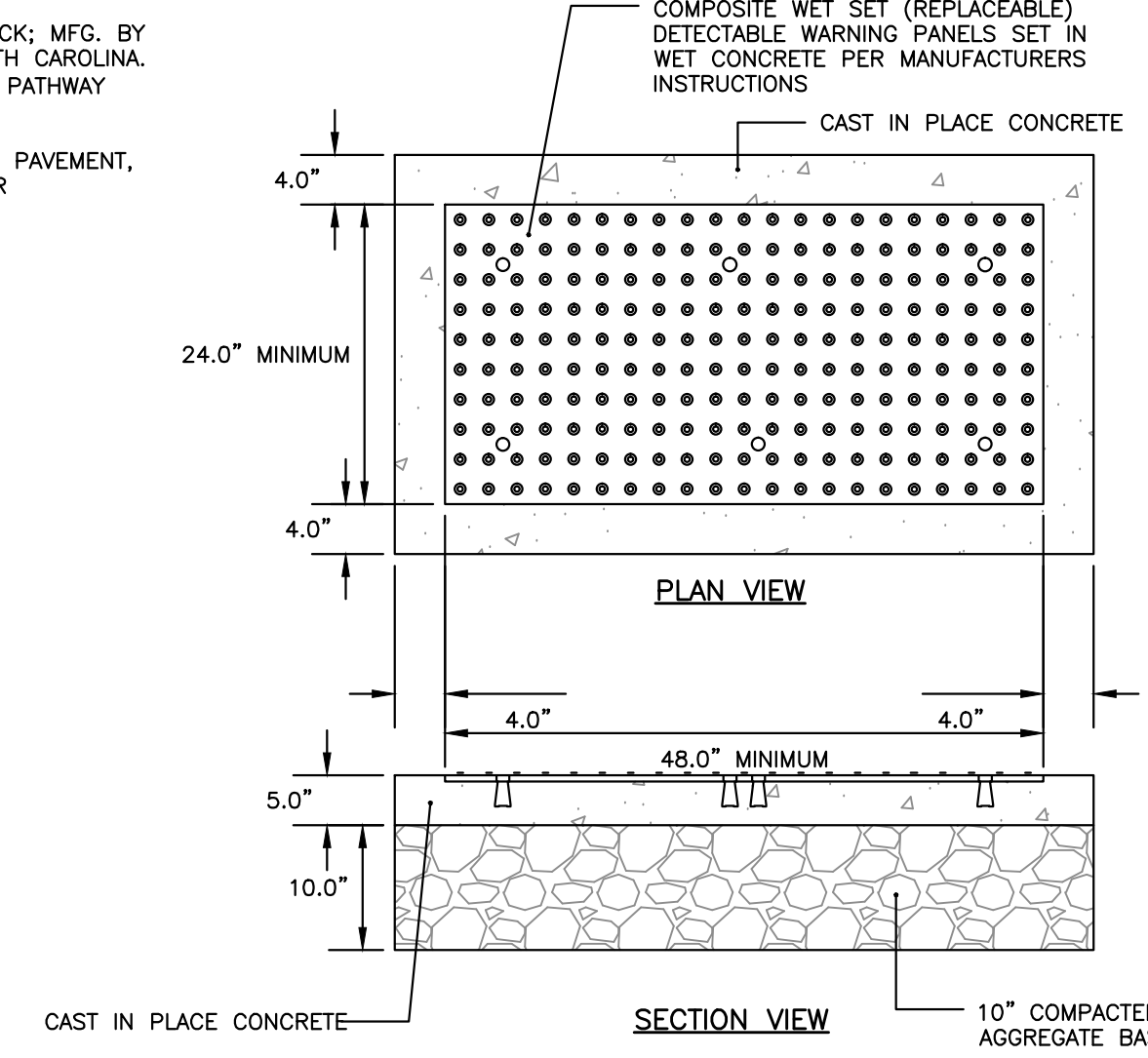
NOT TO SCALE

NOTES:

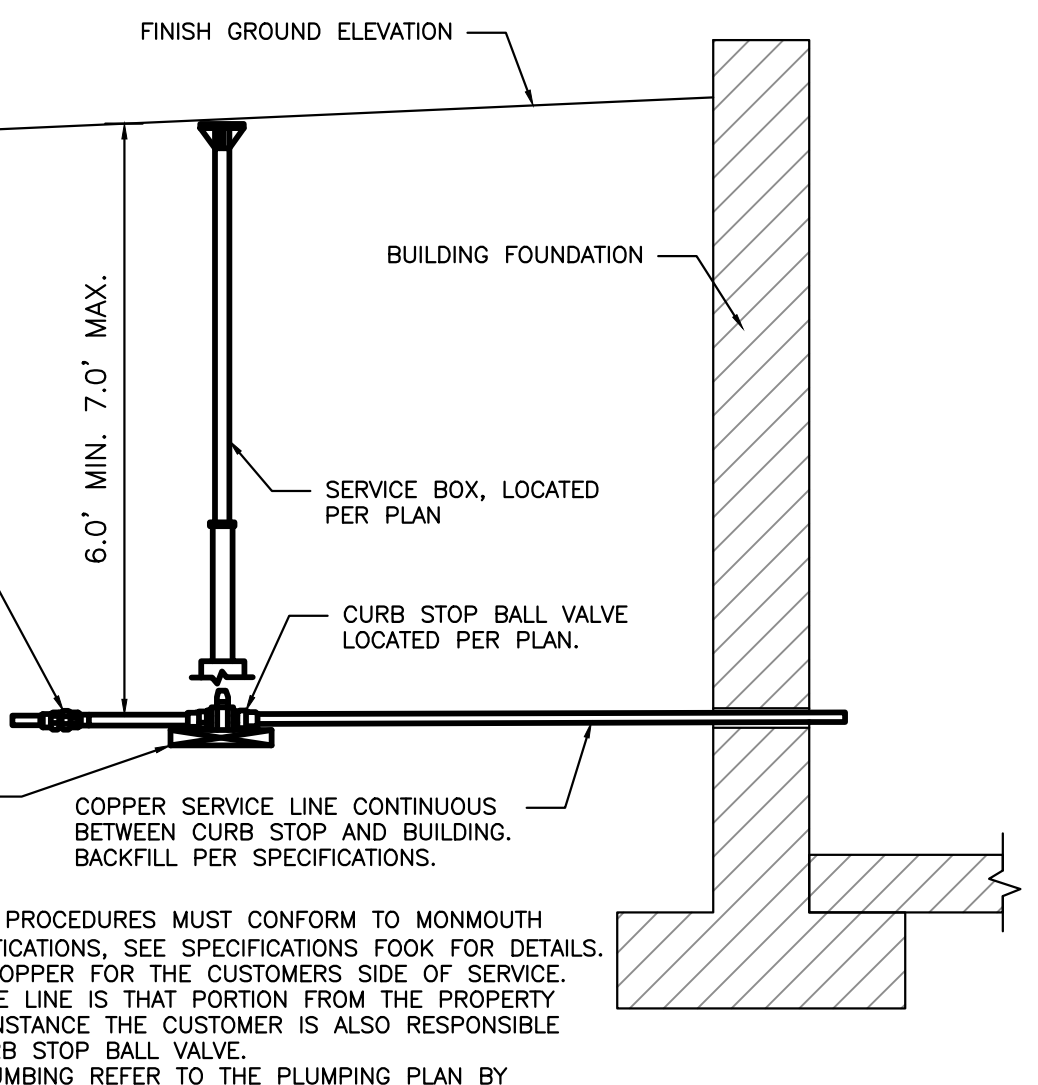
- SAWCUT EXISTING PAVEMENT AND REMOVE 2" STRIP OF EXISTING PAVEMENT. APPLY BITUMINOUS TACK COAT PRIOR TO PLACEMENT OF NEW BITUMINOUS PAVEMENT.
- THE NEW PAVEMENT SECTION SHALL MEET THE CITY OF PORTLAND ARTERIAL BITUMINOUS PAVEMENT SECTION DETAIL AT A MINIMUM OR THE EXISTING PAVEMENT AND AGGREGATE BASE AND SUBBASE DEPTH WHICHEVER IS GREATER.



NOT TO SCALE



NOT TO SCALE

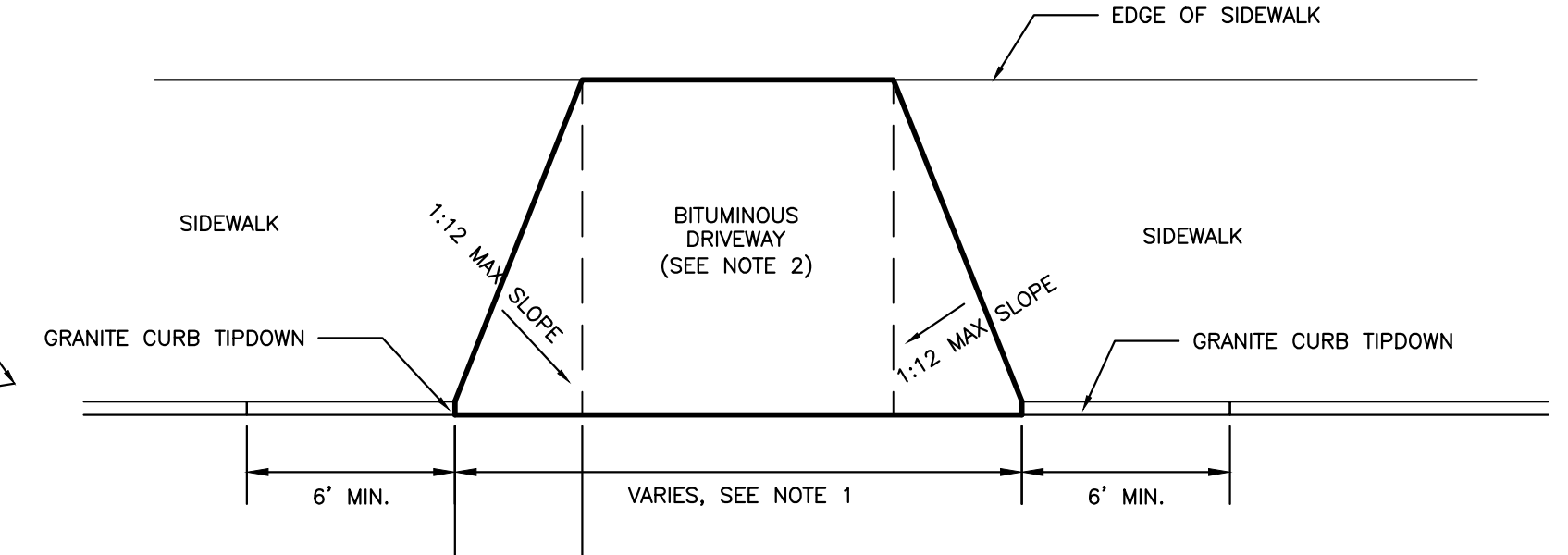


SERVICE INSTALLATION DETAIL

NOT TO SCALE

NOTES:

- REFER TO GRADING, DRAINAGE AND EROSION CONTROL PLAN FOR SITE GRADING
- REFER TO BITUMINOUS DRIVEWAY APRON DETAIL FOR APRON CROSS-SECTION



DRIVEWAY APRON LAYOUT DETAIL

NOT TO SCALE

- NOTES:**
- COMPOSITE WET SET (REPLACEABLE) DETECTABLE WARNING PANELS SHALL BE AS MANUFACTURED BY ADA SOLUTIONS, INC. (WWW.ADATILE.COM) OR APPROVED EQUAL.
 - CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE, MINIMUM COMPRESSIVE STRENGTH 4,000 PSI. THE CONCRETE SHALL BE SEALED PRIOR TO SETTING PANELS. THE EXPOSED CONCRETE BORDER SHALL RECEIVE A GROOVED EDGE BETWEEN THE PANEL AND CONCRETE, ALONG WITH A UNIFORM BROOM FINISH PERPENDICULAR TO THE FLOW OF PEDESTRIAN TRAFFIC.
 - TRUNCATED DOME SHALL BE ALIGNED IN ROWS, PARALLEL AND PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL. TRUNCATED DOME BRICKS AND GRANITE PAVERS ARE NOT ALLOWED.
 - FOR ALL DETECTABLE WARNING PANELS (EXCEPT AS SPECIFIED IN TECHNICAL MANUAL 1.8.4.), FEDERAL YELLOW COLORED (#33538) PANEL(S) SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
 - SIZE: THE DETECTABLE WARNING PANEL(S) SHALL EXTEND 24 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP, LANDING, OR BLENDED TRANSITION TO THE STREET.
 - ORIENTATION: THE DETECTABLE WARNING PANEL SHALL BE LOCATED SO THAT THE EDGE NEAREST TO THE CURB LINE IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE CURB LINE. THE PANEL SHALL BE ORIENTED TO THE DIRECTION OF TRAVEL AS IDENTIFIED BY THE POINT OF EGRESS.

PRELIMINARY: NOT ISSUED FOR CONSTRUCTION

ISSUED FOR	BY
PRELIM. APPLICATION	DATE
	7/30/18

REVISION	REV.	DATE

SITE DETAILS 1

PROJECT NAME: 667 CONGRESS STREET REDEVELOPMENT

CLIENT: REDFERN PROPERTIES, LLC.

P.O. BOX 8818 PORTLAND, ME 04104

ENGINEERING, INC.

ACORN ENGINEERING, INC.

158 DANFORTH (207) 779-2655

MAINE 04102

FILE:	1060_DETAILS
DATE:	4/20/2015
JN:	1060
SCALE:	NTS
DESIGNED BY:	WHS
DRAWN BY:	MAG
CHECKED BY:	WHS

STATE OF MAINE

WILLIAM SAVAGE

11418

1-30-15

REGISTERED PROFESSIONAL ENGINEER

DRAWING NO. **C-40**