

MAIN-LAND
DEVELOPMENT
CONSULTANTS, INC.

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367 US ROUTE 1 FALMOUTH, MAINE
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PROJECT
**SOUTH ST. SIDEWALK
IMPROVEMENT
PROJECT**
SOUTH STREET, BIDDEFORD, ME

OWNER OF RECORD
CITY OF BIDDEFORD

205 MAIN STREET,
BIDDEFORD, ME, 04005

MADE FOR
CITY OF BIDDEFORD
205 MAIN STREET,
BIDDEFORD, ME, 04005

DRAWING SCALE:
NTS

SUBMISSION NOTES:
SUBMISSION 1: 2020-06-09 SDH
ISSUED FOR REVIEW

PROJ. MGR: E.L.
DRAWN BY: SDH
CHECKED BY: E.L.
SUBMISSION NO. N/A
SURVEY DATE: 2020-05-29
SUBMISSION DATE: 2020-06-09
SUBMITTED FOR: REVIEW

NOT FOR CONSTRUCTION

DETAILS PLAN

SEAL:

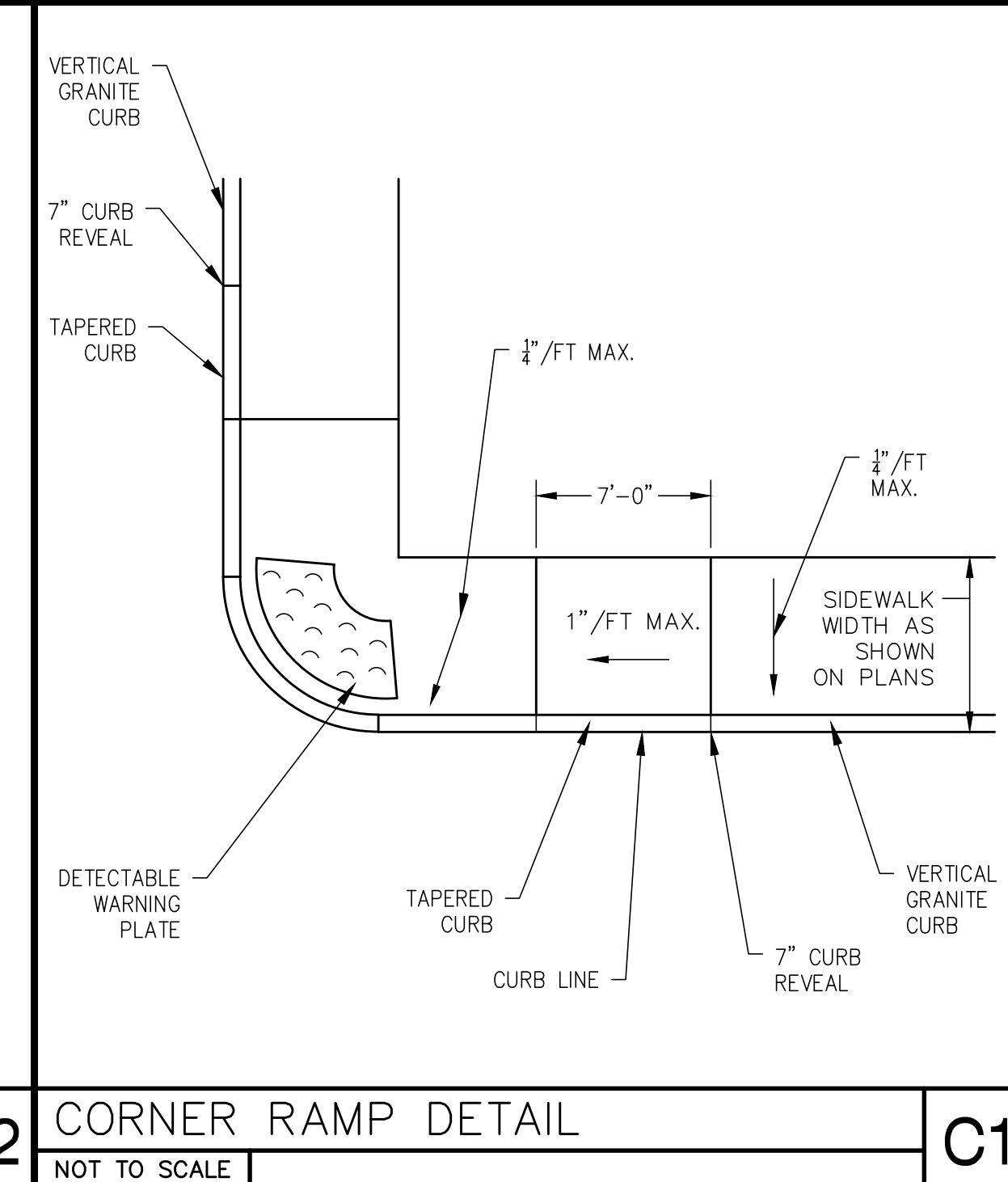
DRAFT

ERIC J. LABELLE ME PE#7117

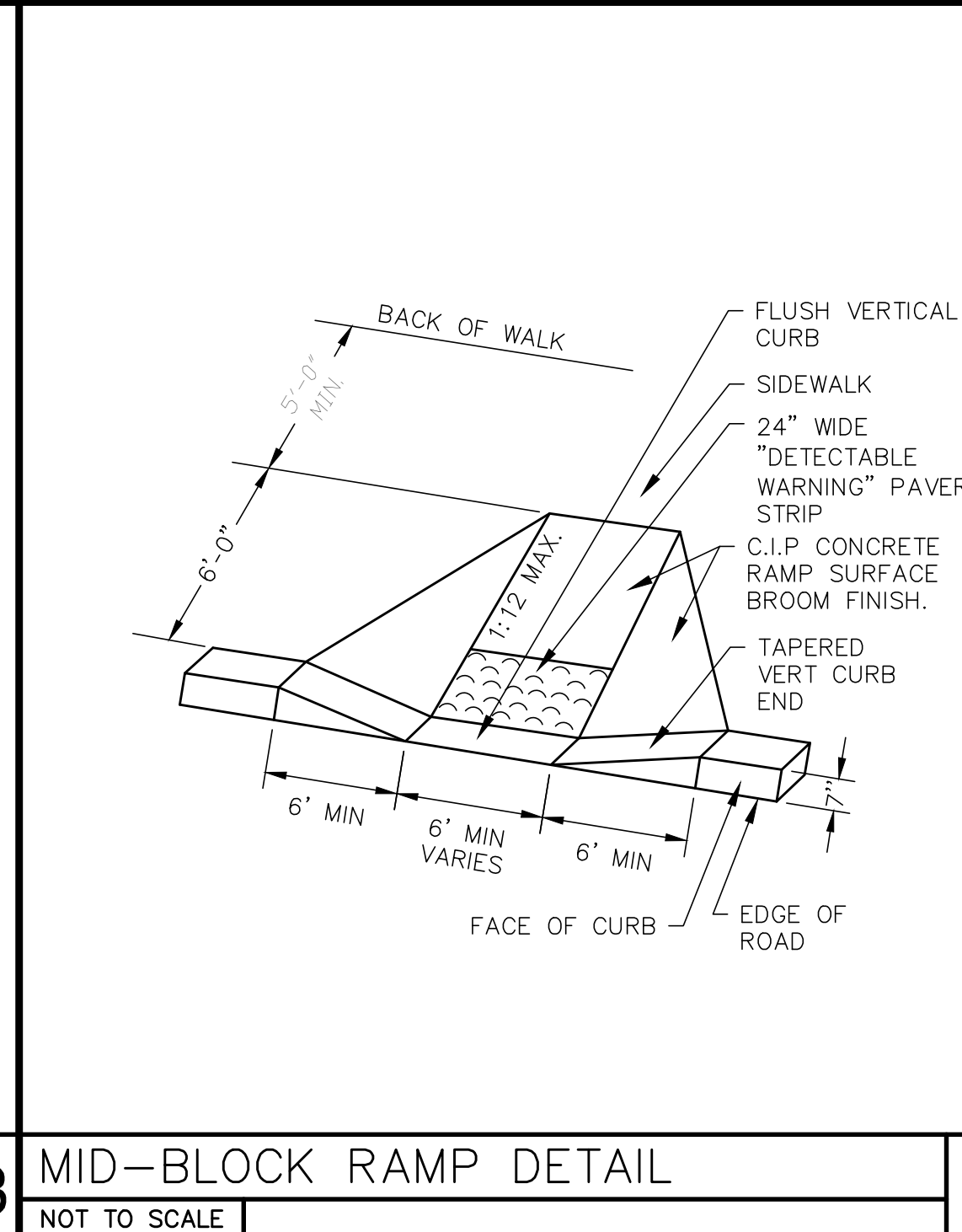
DRAWING NO.

C9.1

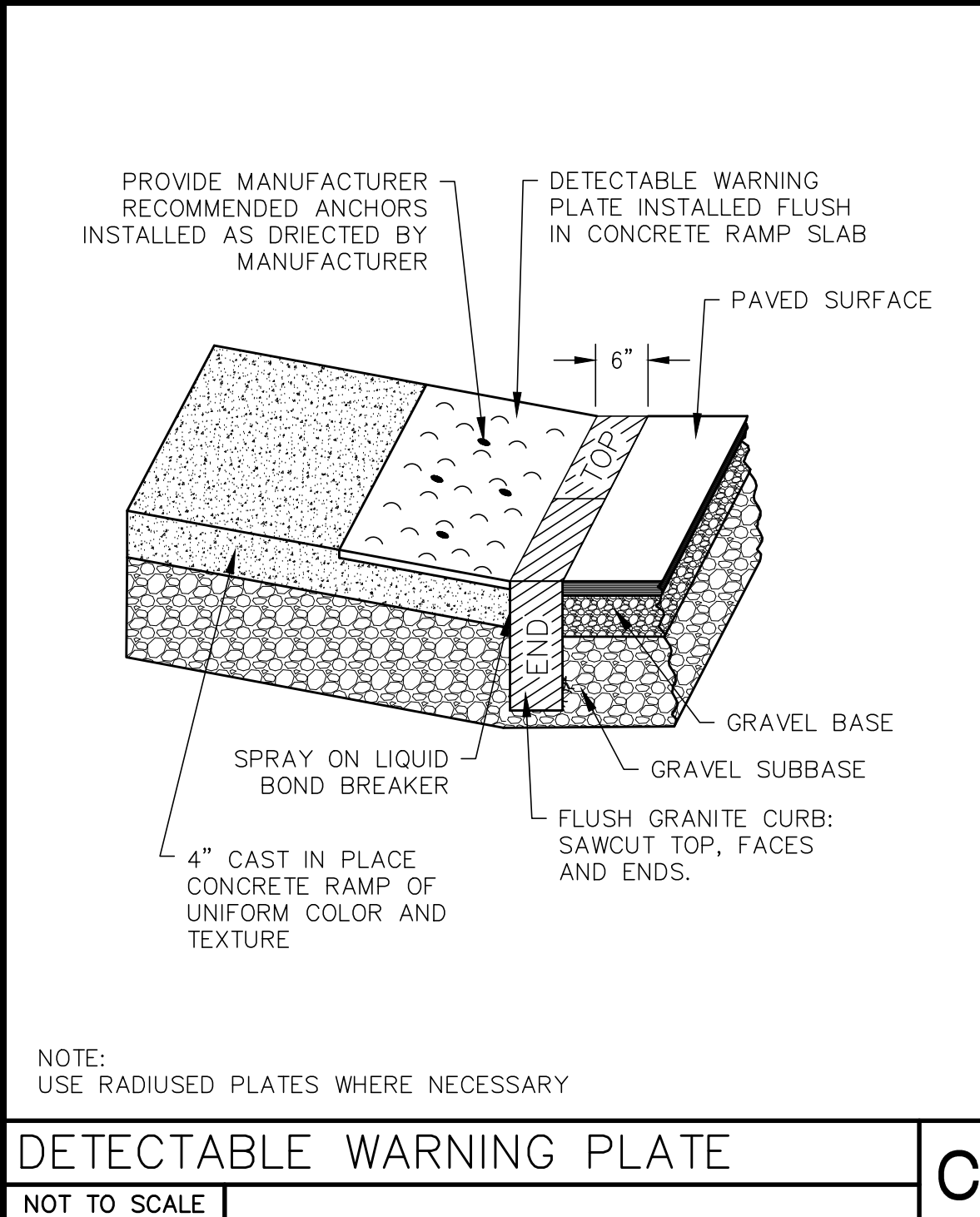
MLDC NO. 20-083 7 OF 8



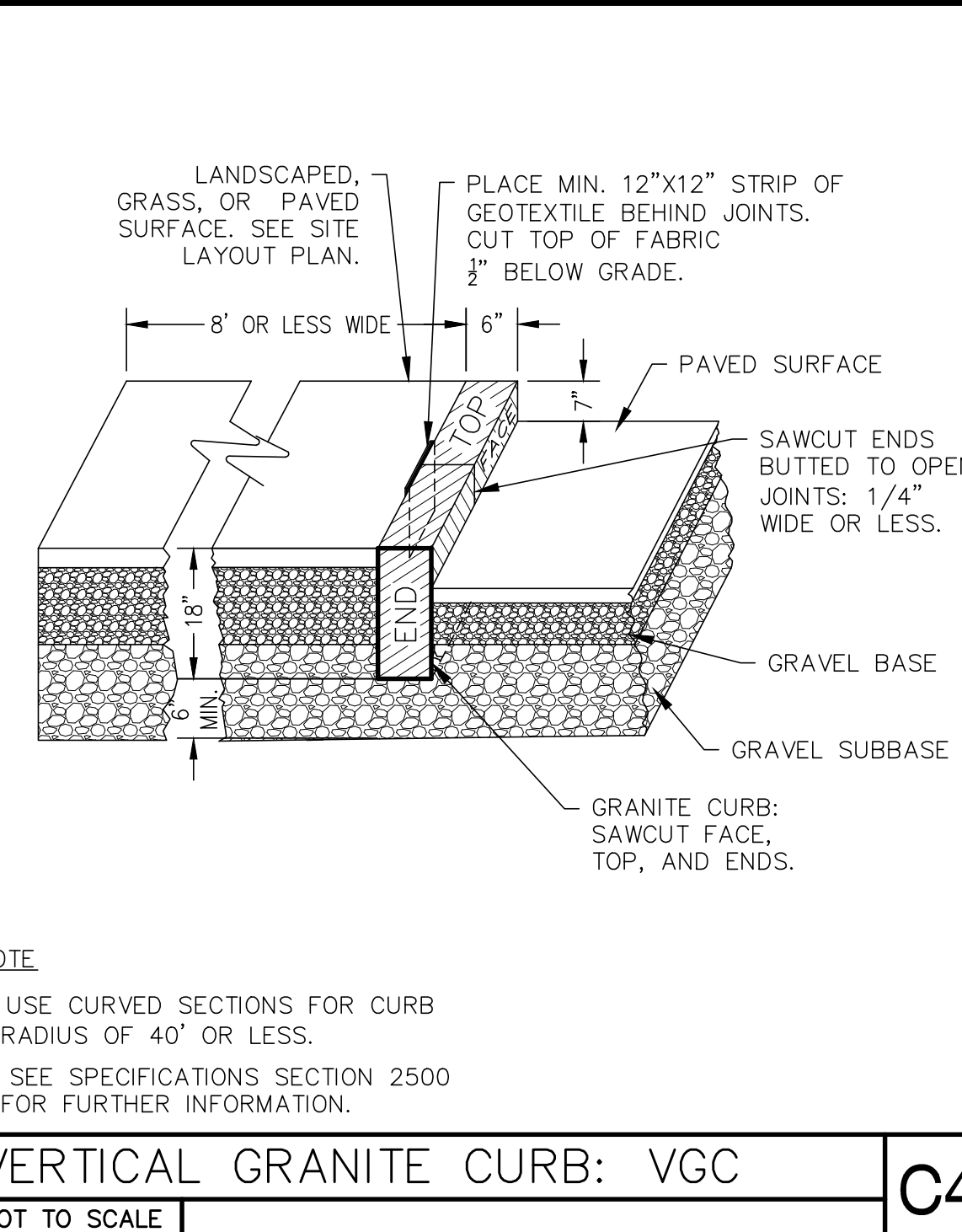
CORNER RAMP DETAIL
NOT TO SCALE



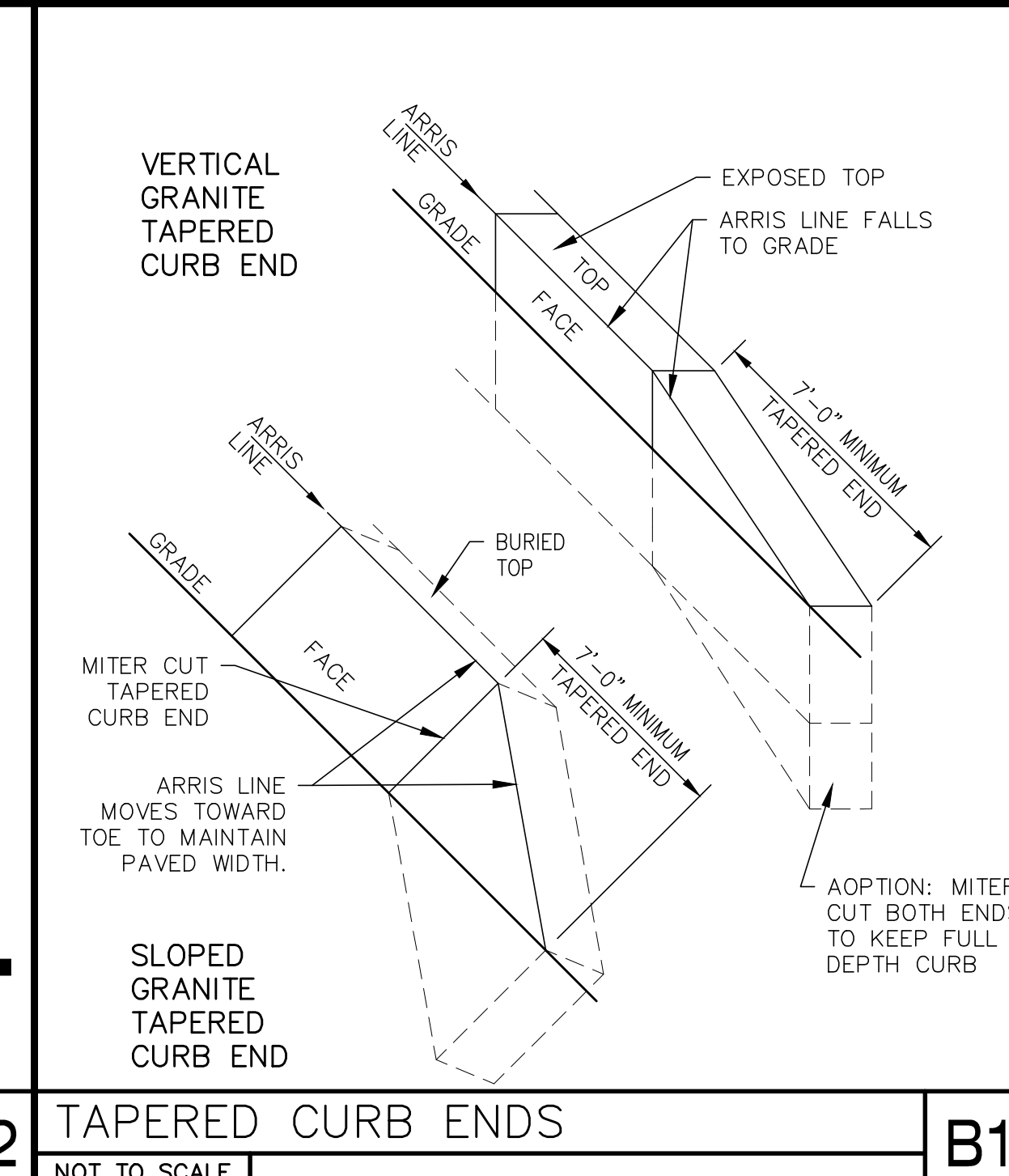
MID-BLOCK RAMP DETAIL
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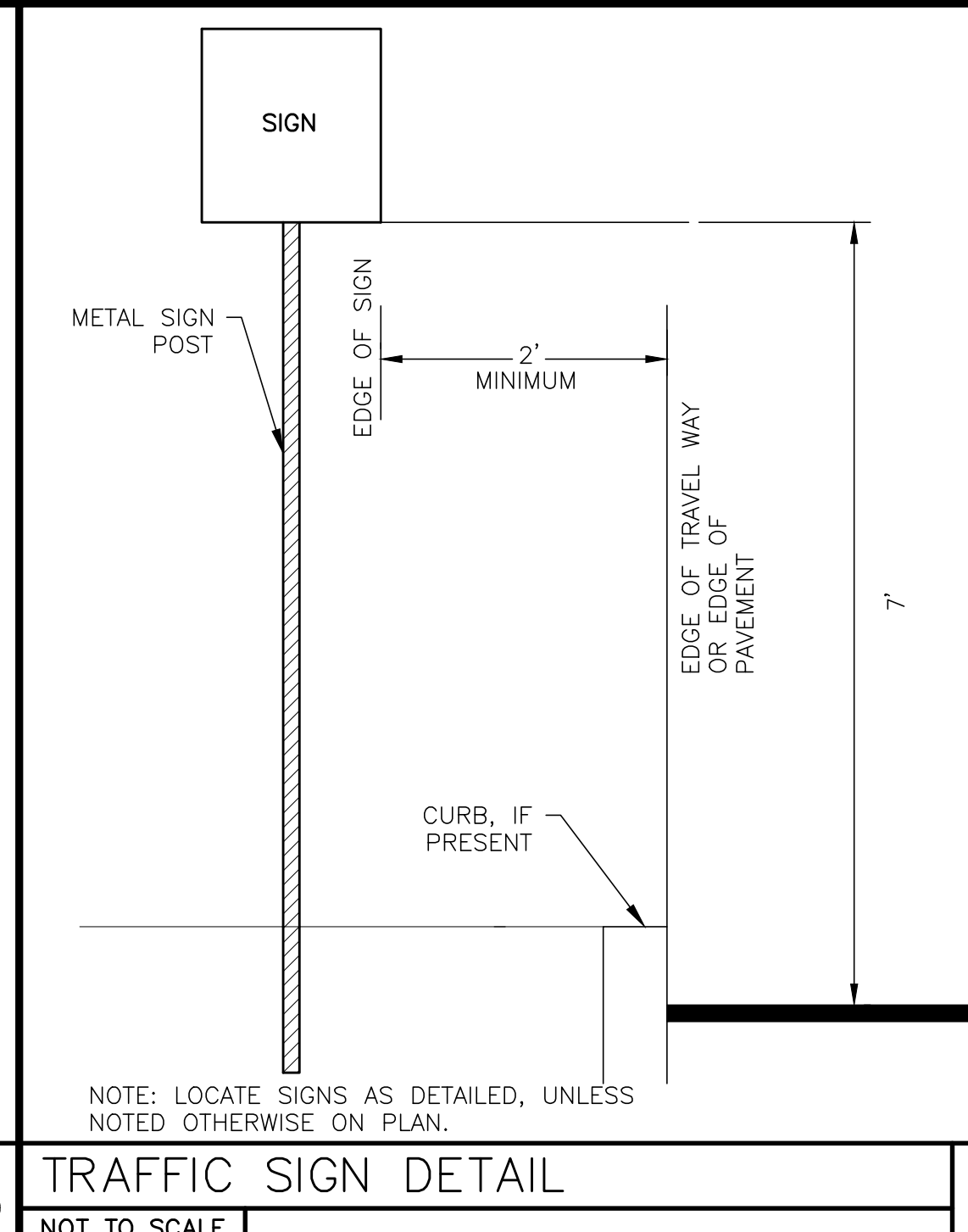
DETECTABLE WARNING PLATE
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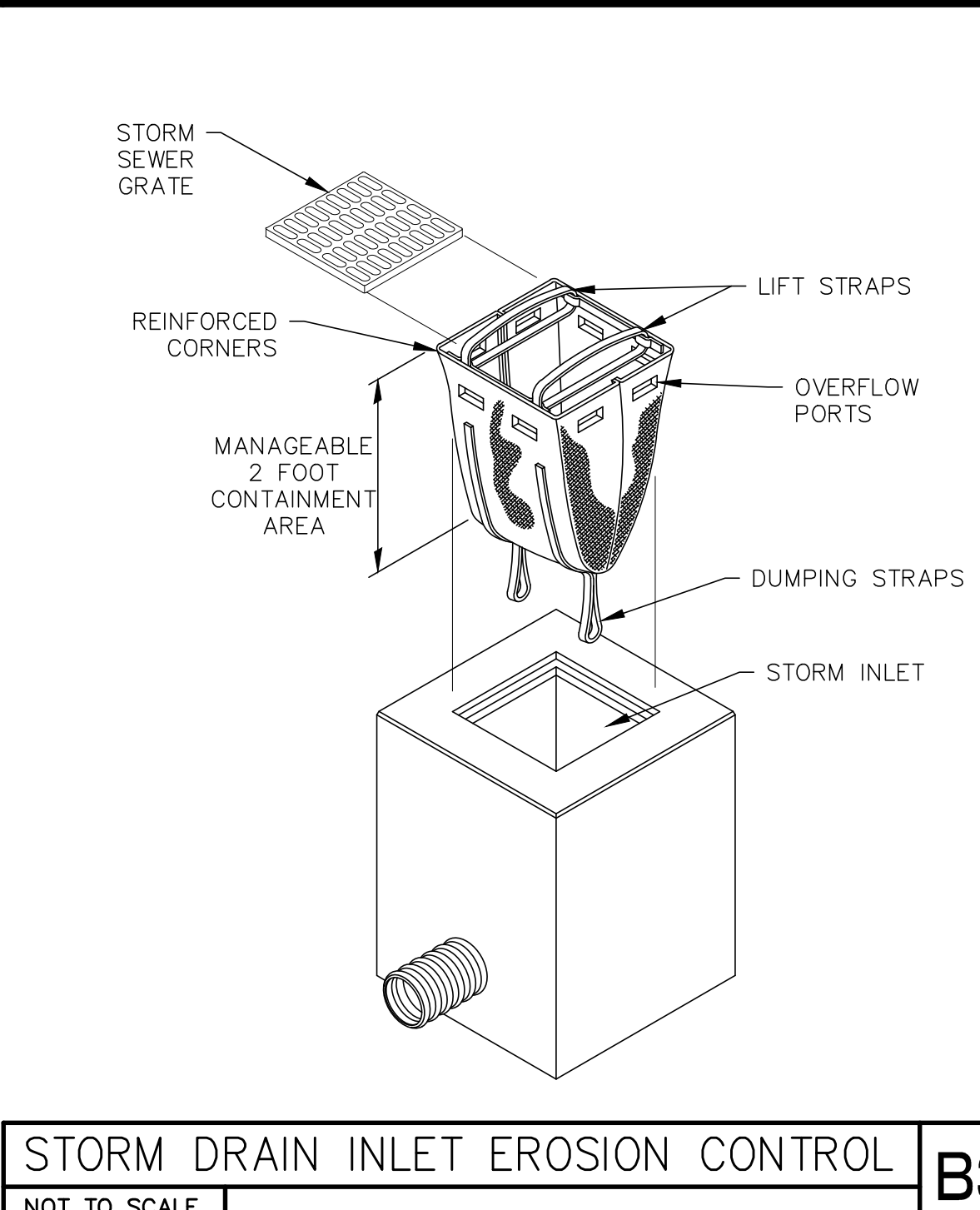
VERTICAL GRANITE CURB: VGC
NOT TO SCALE



TAPERED CURB ENDS
NOT TO SCALE



TRAFFIC SIGN DETAIL
NOT TO SCALE



STORM DRAIN INLET EROSION CONTROL
NOT TO SCALE

DANDY SACK™ SPECIFICATIONS

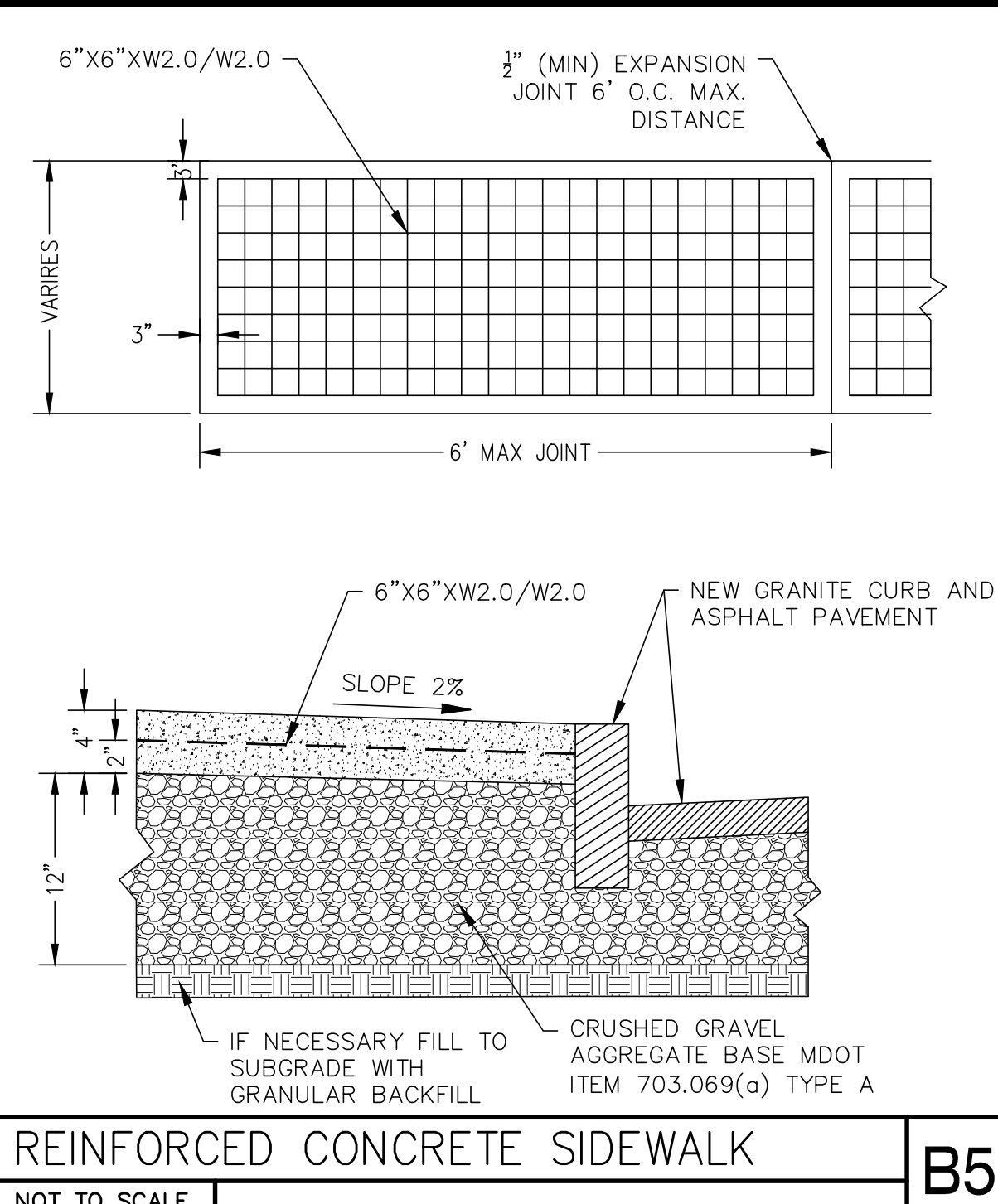
NOTE: THE DANDY SACK™ WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

REGULAR FLOW DANDY SACK™ (BLACK)				
Mechanical Properties	Test Method	Units	MARV	
Grab Tensile Strength	ASTM D 4632	kN (lba)	1.78 (400)	x 1.40 (315)
Grab Tensile Elongation	ASTM D 4632	%	12	x 15
Puncture Strength	ASTM D 4833	kN (lba)	0.67 (150)	
Mullen Burst Strength	ASTM D 3786	kPa (psi)	5508 (800)	
Trapezoid Tear Strength	ASTM D 4533	kN (lba)	0.67 (150)	x 0.73 (165)
UV Resistance	ASTM D 4355	%	90	
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)	
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	2852 (70)	
Permittivity	ASTM D 4491	Sec	0.86	

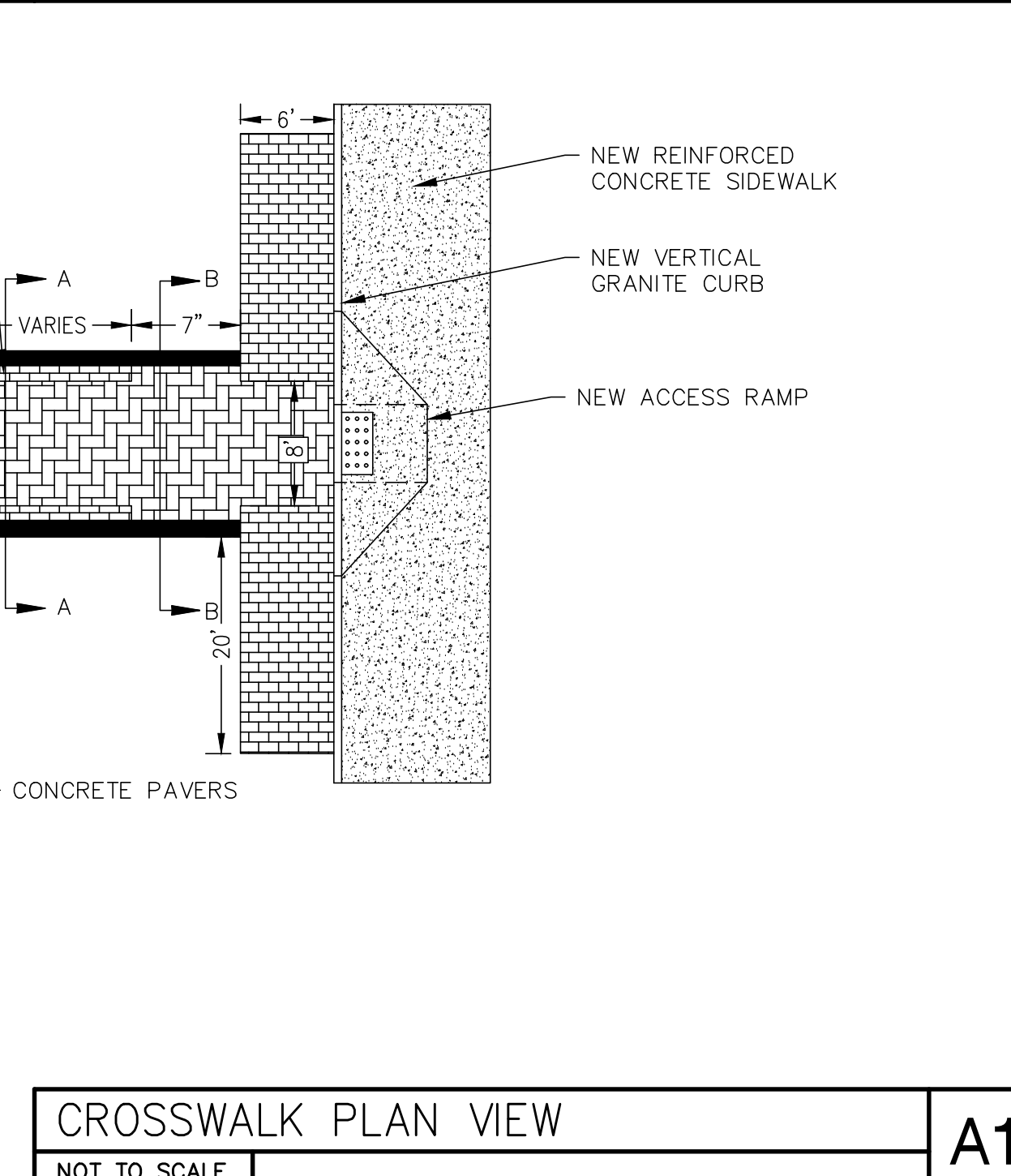
HI-FLOW DANDY SACK™ (SAFETY ORANGE)				
Mechanical Properties	Test Method	Units	MARV	
Grab Tensile Strength	ASTM D 4632	kN (lba)	1.62 (365)	x 0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	24	x 10
Puncture Strength	ASTM D 4833	kN (lba)	0.40 (90)	
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)	
Trapezoid Tear Strength	ASTM D 4533	kN (lba)	0.51 (115)	x 0.33 (75)
UV Resistance	ASTM D 4355	%	90	
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)	
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	5907 (160)	
Permittivity	ASTM D 4491	Sec	2.1	

*Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows

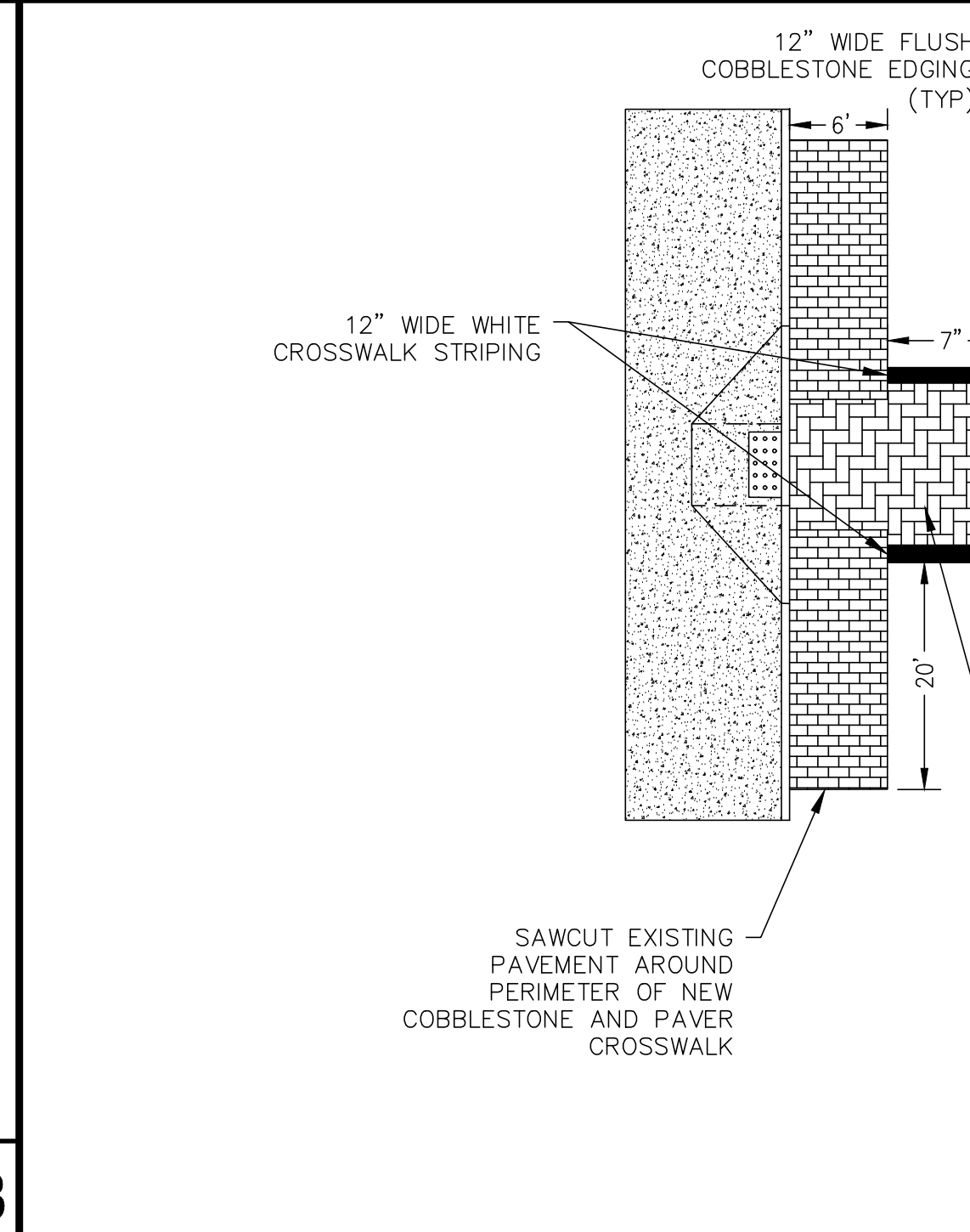
REINFORCED CONCRETE SIDEWALK
NOT TO SCALE



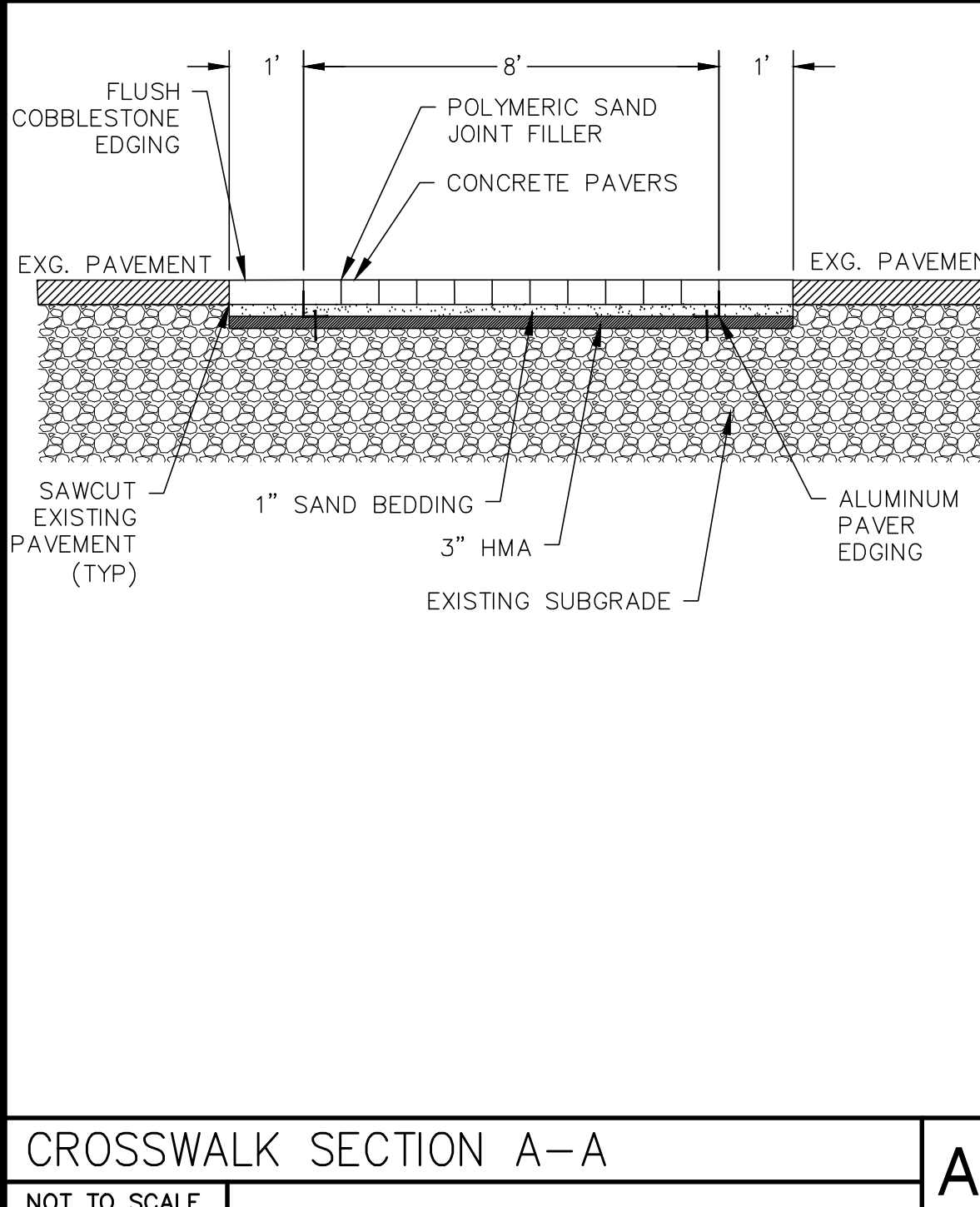
REINFORCED CONCRETE SIDEWALK
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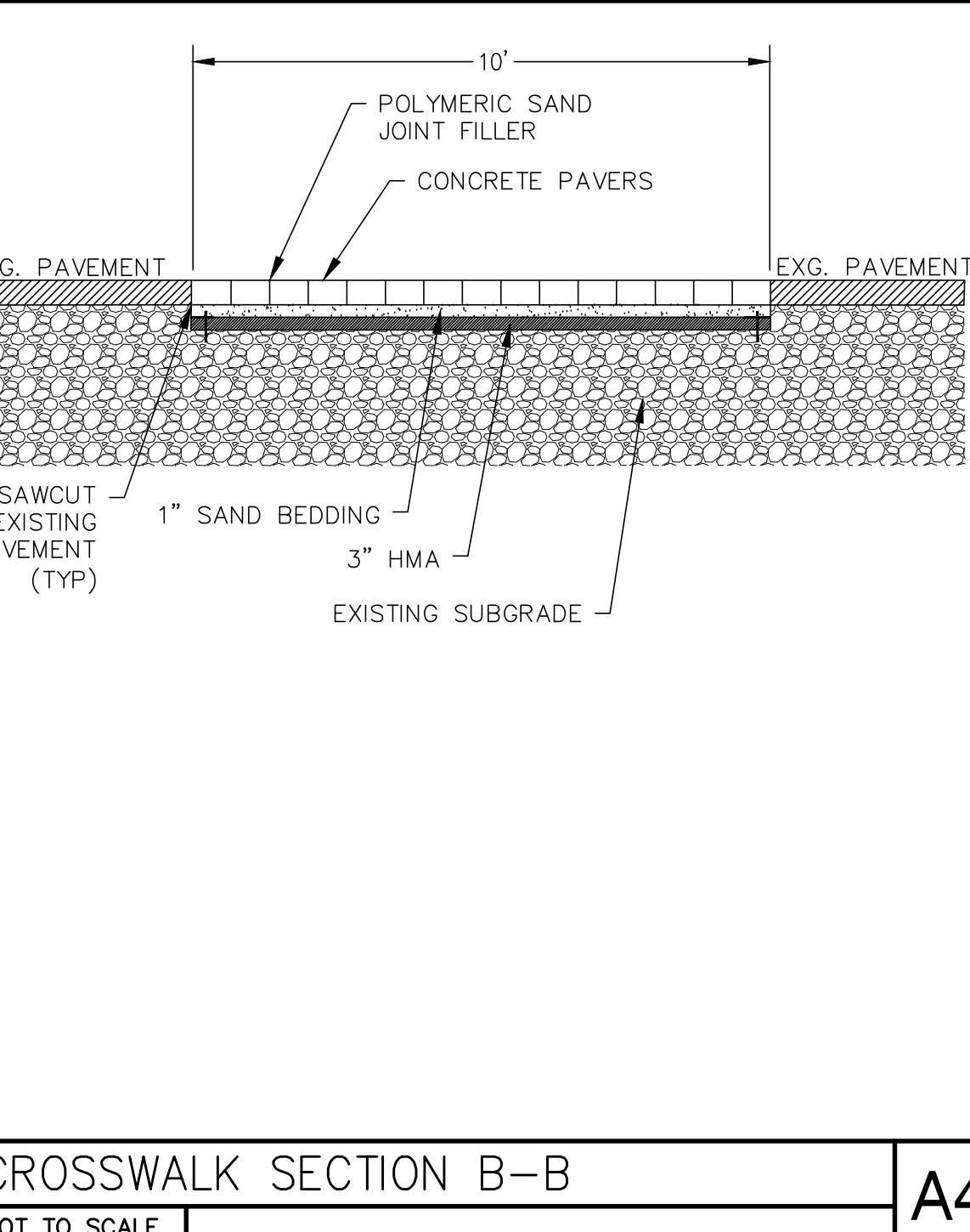
CROSSWALK PLAN VIEW
NOT TO SCALE



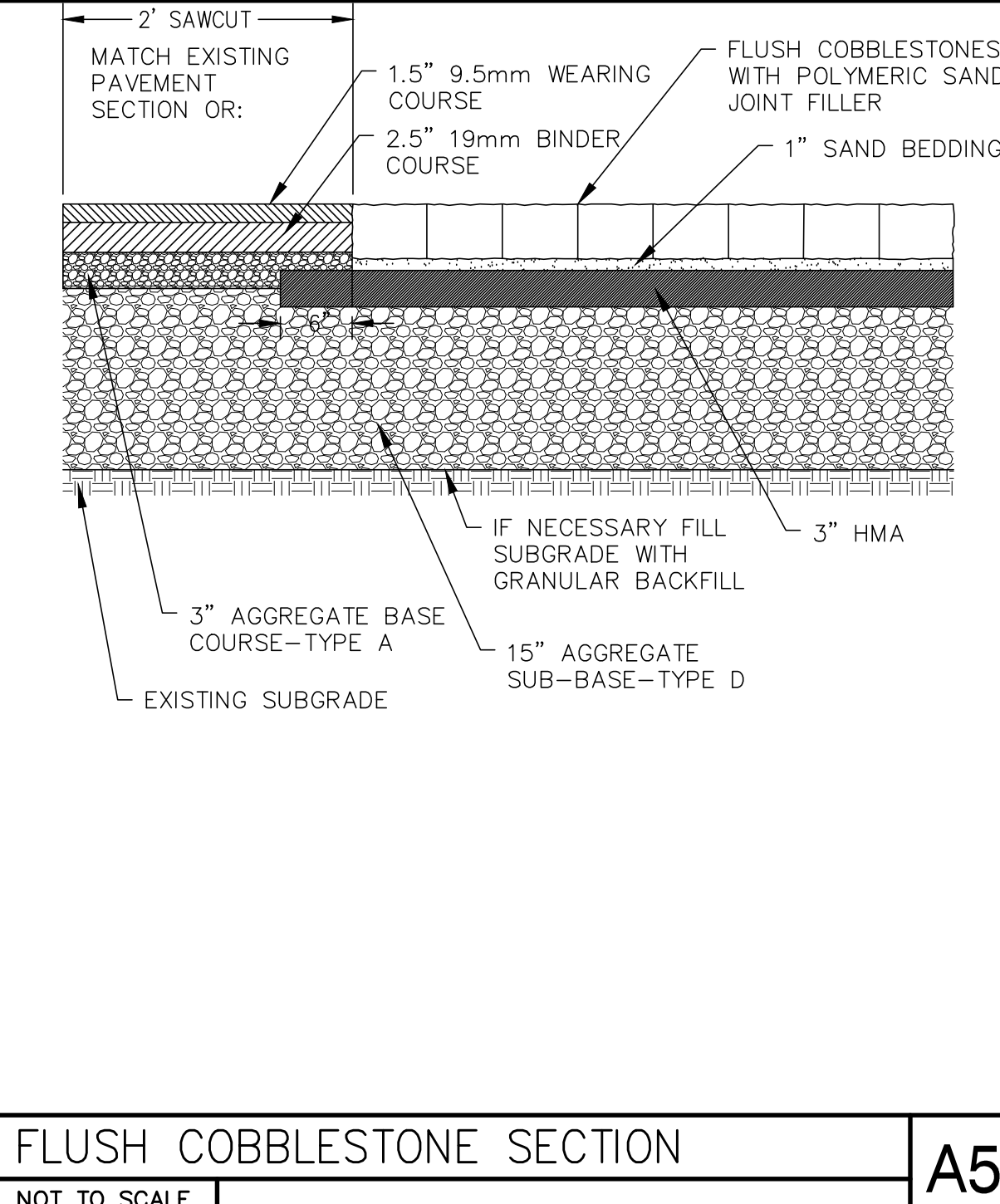
CROSSWALK SECTION A-A
NOT TO SCALE



CROSSWALK SECTION B-B
NOT TO SCALE



FLUSH COBBLESTONE SECTION
NOT TO SCALE



FLUSH COBBLESTONE SECTION
NOT TO SCALE