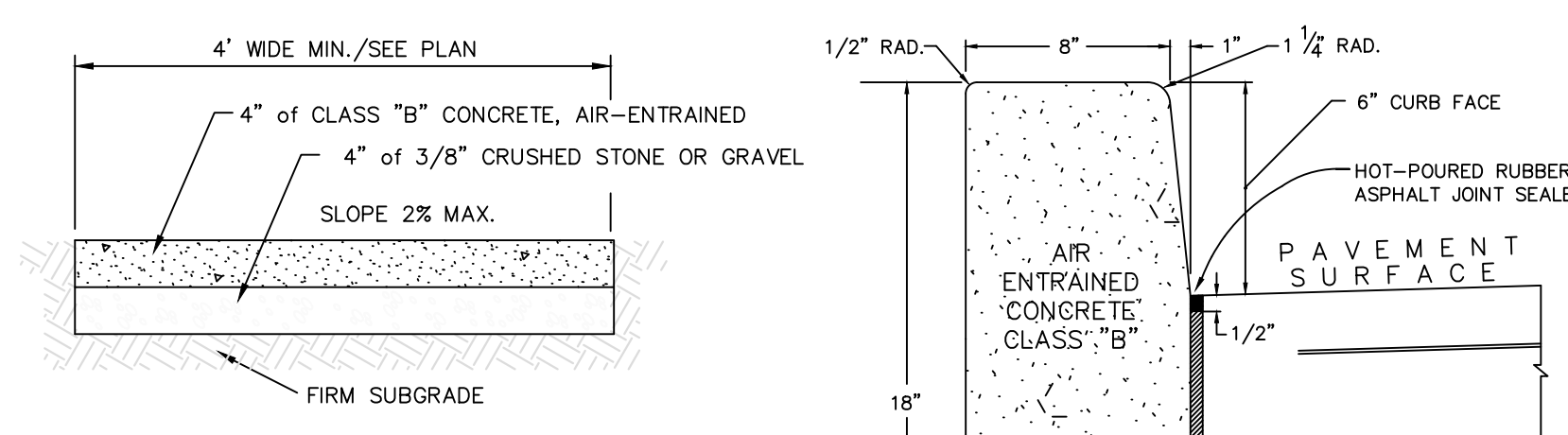
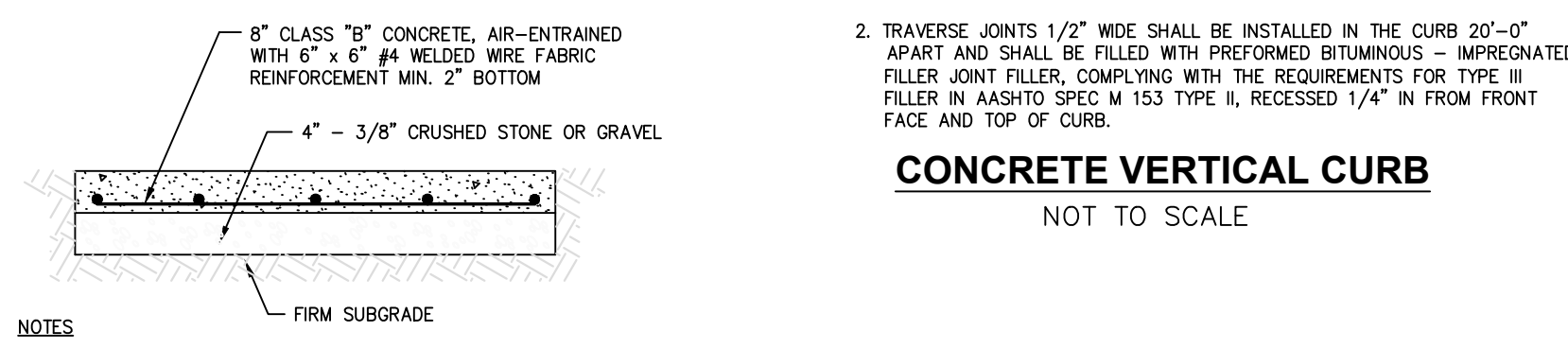




- TRANSVERSE CRACK CONTROL JOINT (SAW CUT OR TOOLED) SPACING SHALL NOT BE GREATER THAN SIDEWALK WIDTH AND JOINT DEPTH SHALL BE 1/4 OF THE CONCRETE THICKNESS.
- PROVIDE TRANSVERSE EXPANSION JOINTS 1/2" WIDE, AT 20'-0" (MAXIMUM). TRANSVERSE GROOVES 1/4" THE THICKNESS OF THE CONCRETE IN DEPTH, SHALL BE PROTECTED AND CURED.

CONCRETE SIDEWALK

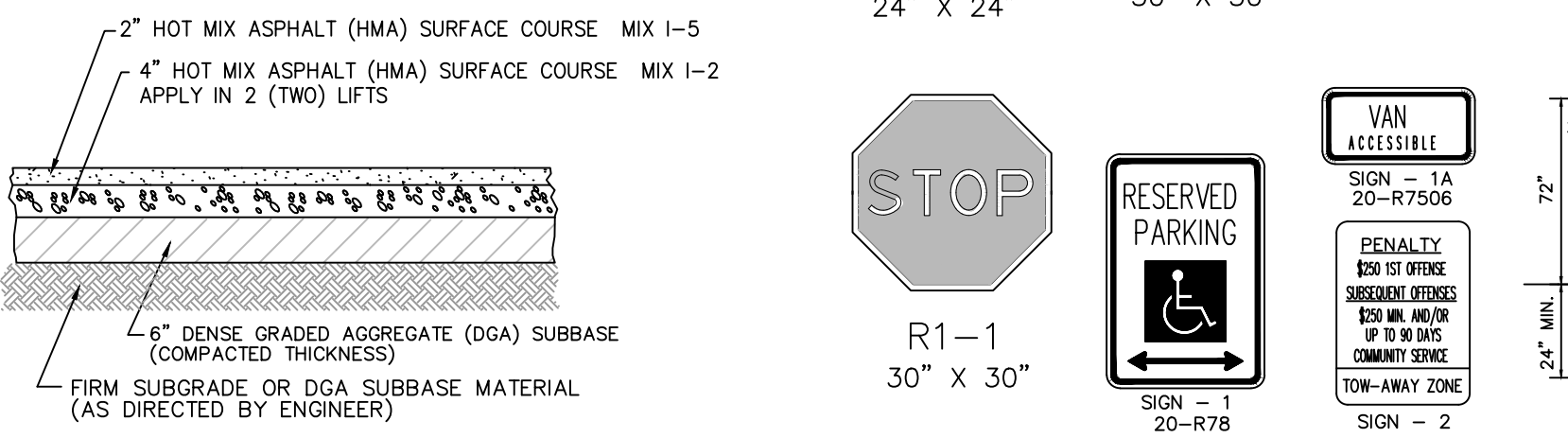
NOT TO SCALE



- PROVIDE 1/2" WIDE JOINT OPENING BETWEEN APRON & SIDEWALK OR EXISTING CONCRETE. FILL WITH MASTIC OR OTHER BITUMINOUS COMPOUND, AS SPECIFIED. RECESS 1/4" FROM TOP SURFACE.
- FALSE JOINTS SHALL BE PROVIDED IN A SQUARE PATTERN AT A DEPTH OF NOT LESS THAN 1/4 OF THE CONCRETE.
- EXPANSION JOINTS SHALL BE PROVIDED EVERY 10' MIN.

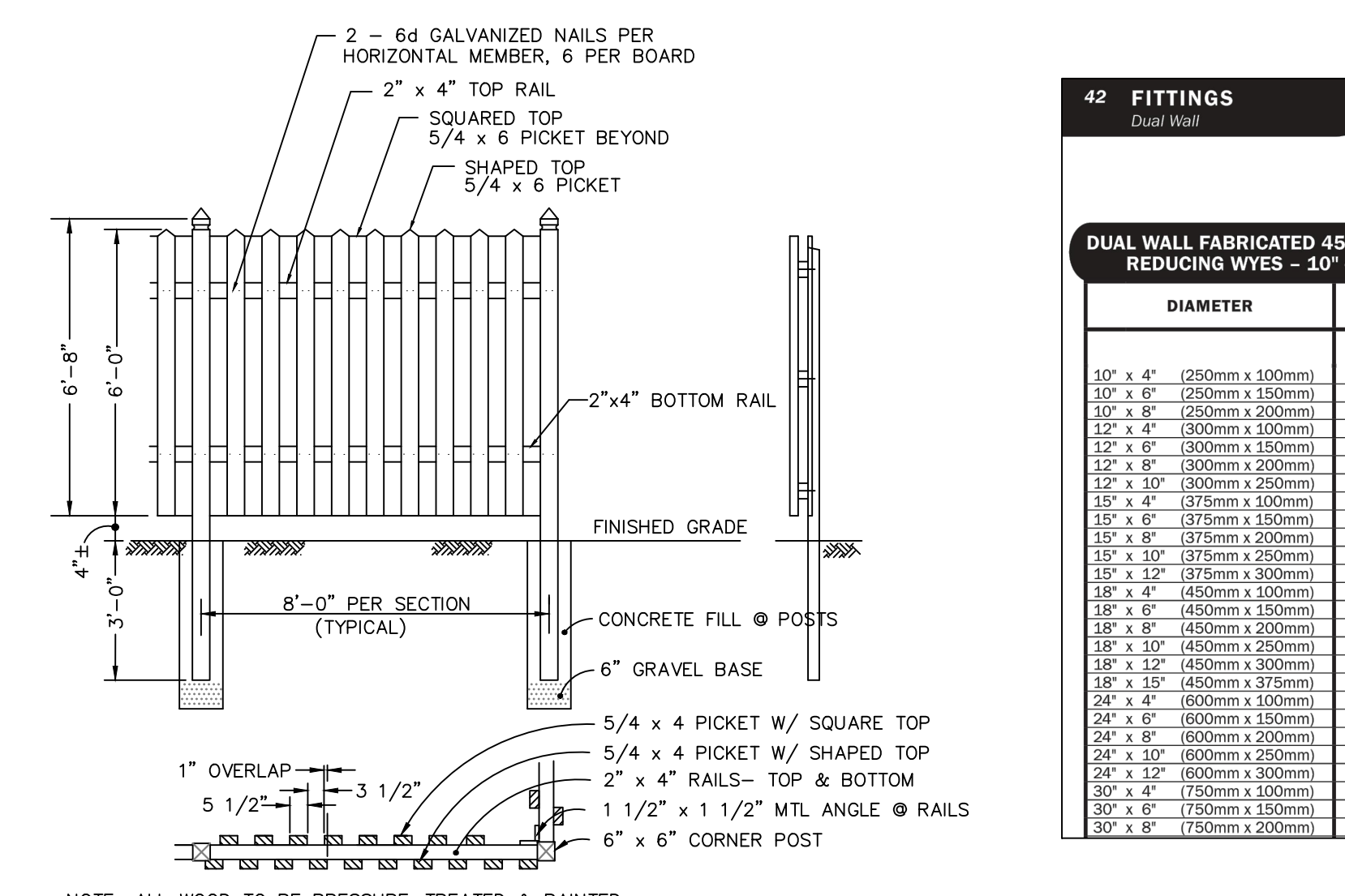
CONCRETE DUMPSTER PAD

NOT TO SCALE



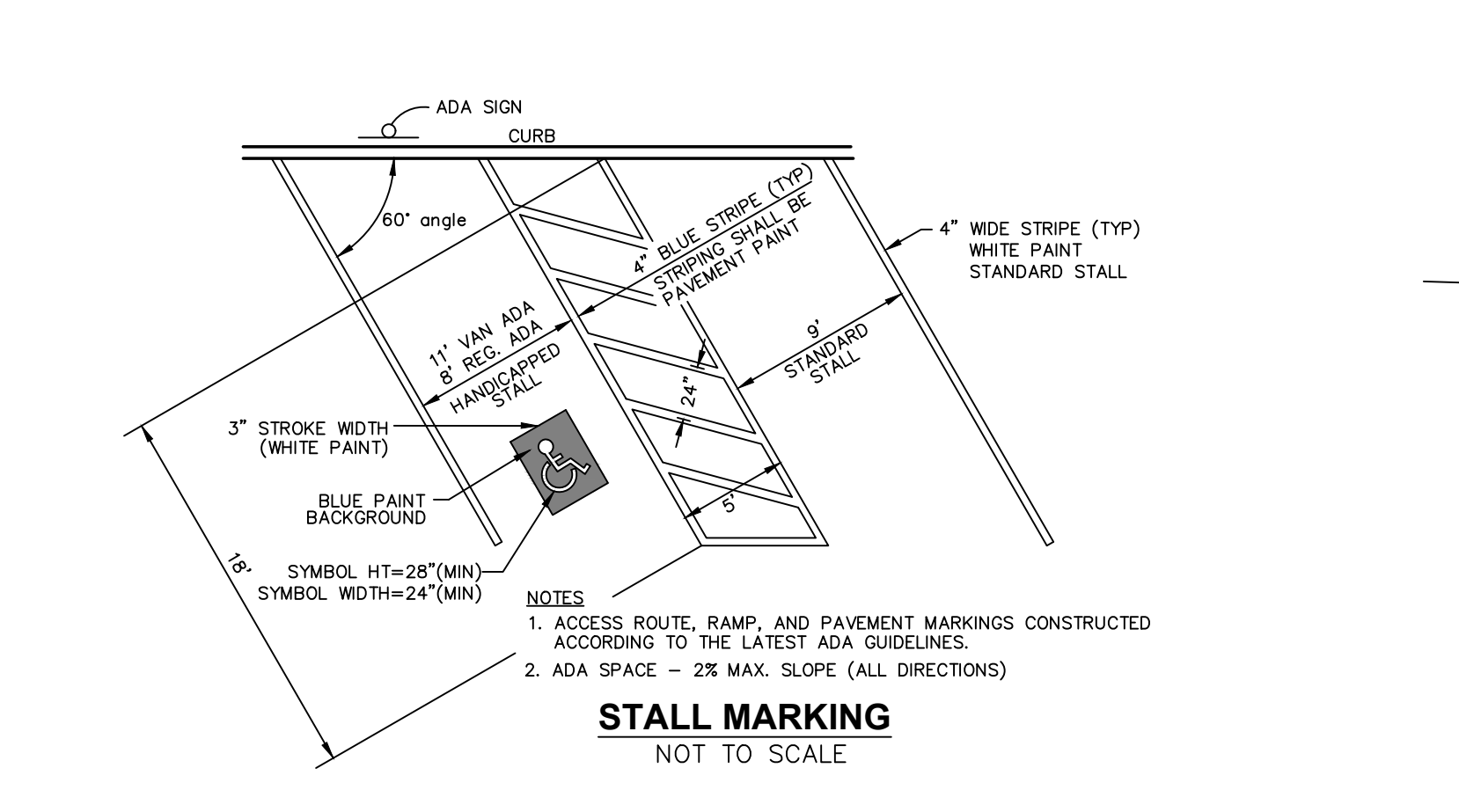
FULL PAVEMENT DETAIL

NOT TO SCALE



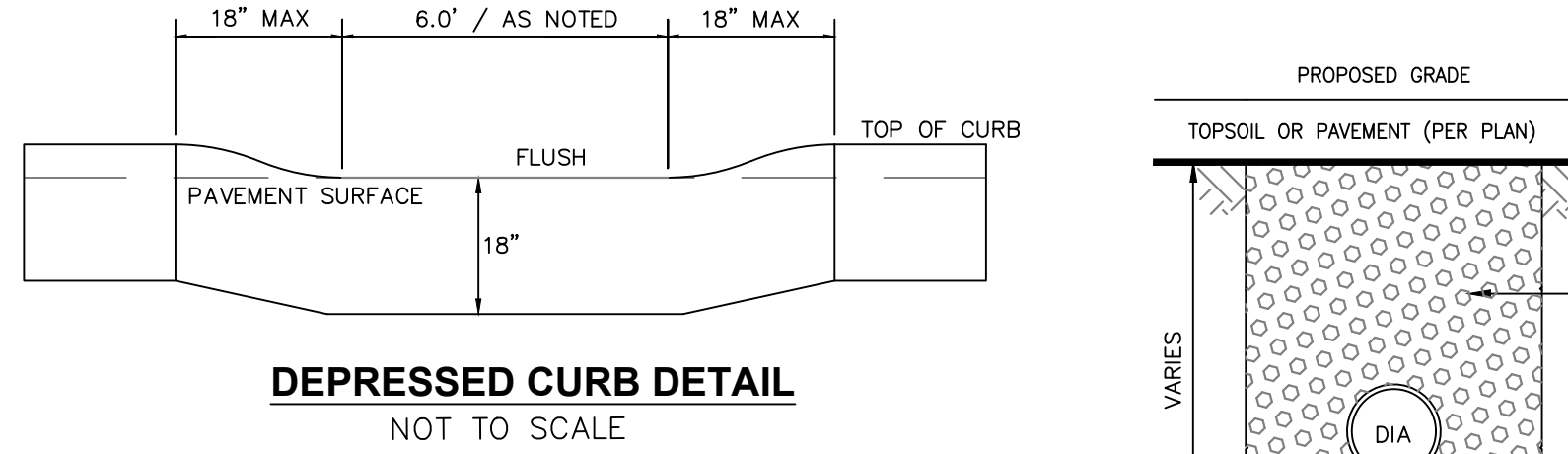
REGULATORY SIGN DETAIL

NOT TO SCALE



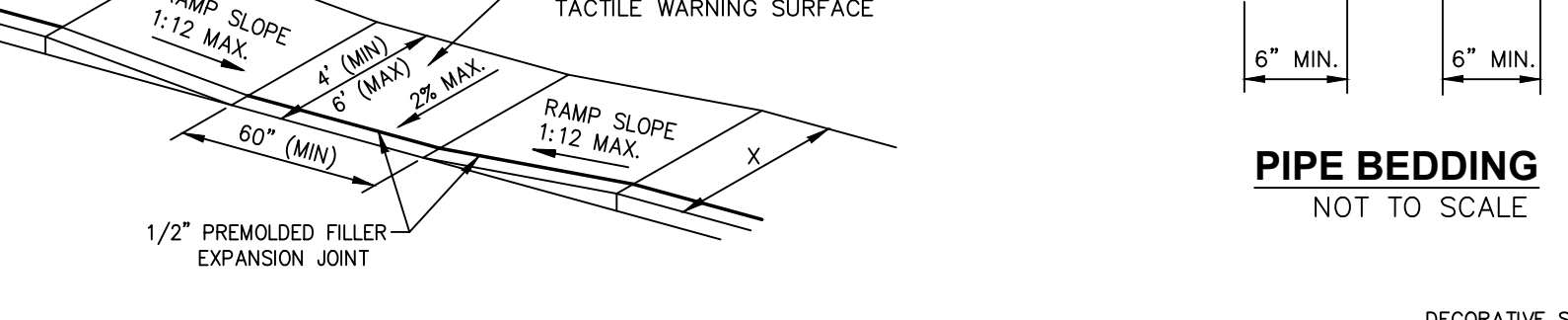
DUMPSTER ENCLOSURE DETAIL

NOT TO SCALE



DEPRESSED CURB DETAIL

NOT TO SCALE



ADA RAMP (SIDE)

NOT TO SCALE



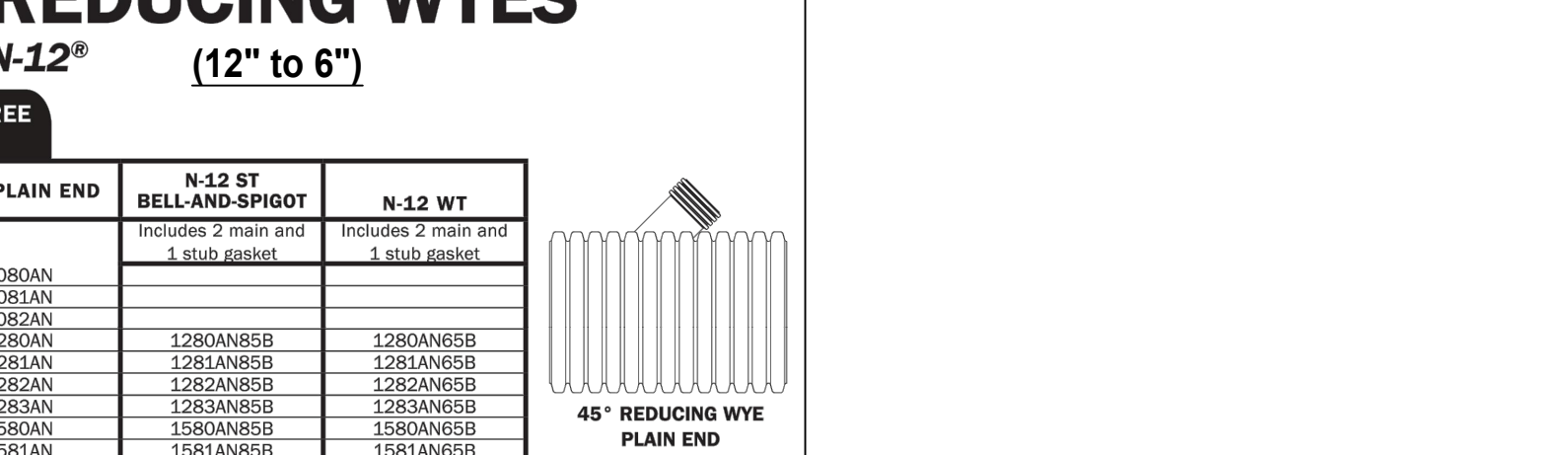
PIPE BEDDING

NOT TO SCALE



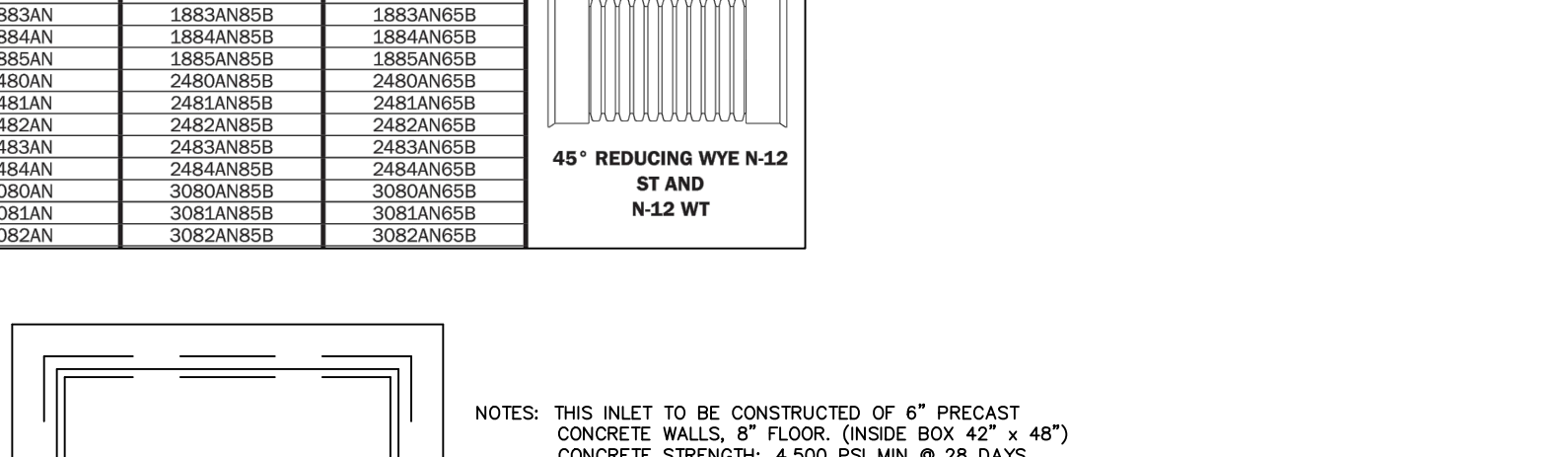
STONE TRENCH DETAIL

NOT TO SCALE



GEOPAVE SNAP DELINEATOR POROUS PAVEMENT SYSEM

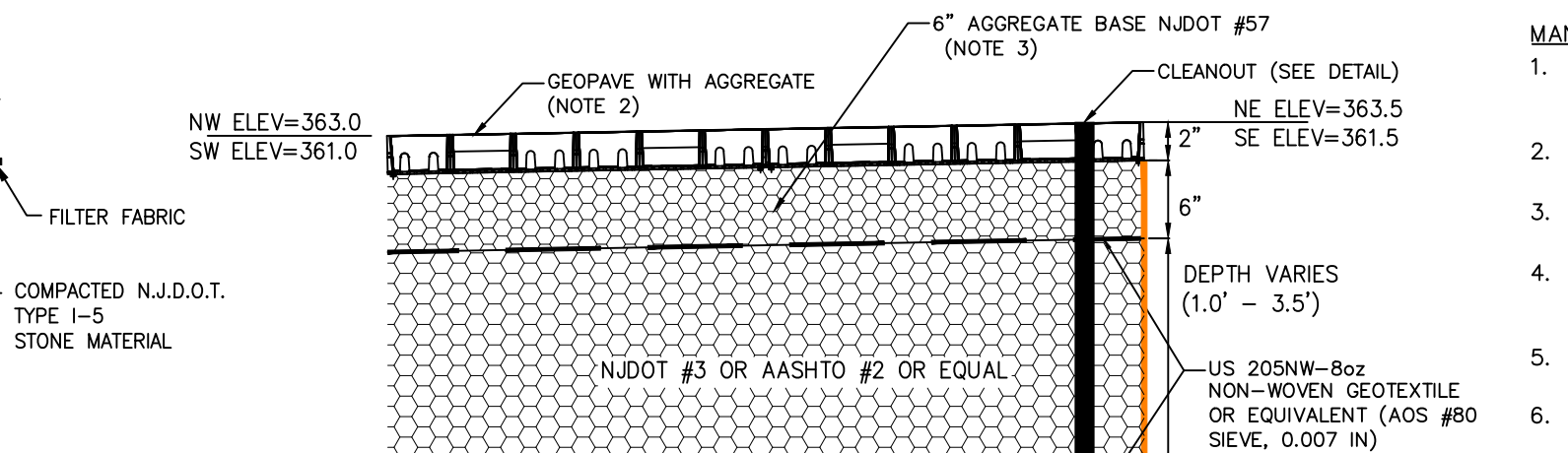
NOT TO SCALE



DESIGN GUIDELINES - BASE DEPTH

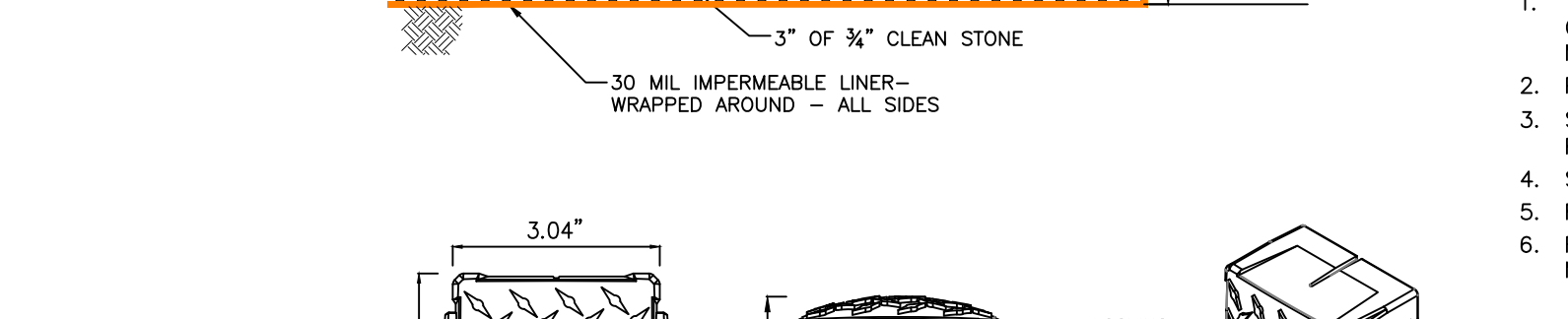
LOAD DESCRIPTION	CBR 2 - 4%	CBR 2 - 4%
Heavy Fire Truck Access & H/H=20 loading. Typical 110 psi (758 kPa) tire pressure. Single axle loadings of 32 kips (145 kN), tandem axle loadings of 48 kips (220 kN). Gross vehicle weight of 80,000 lbs (36.3 MT). Infrequent passes.	6 IN (150 MM)	6 IN (150 MM)

DESIGN GUIDELINES - BASE DEPTH



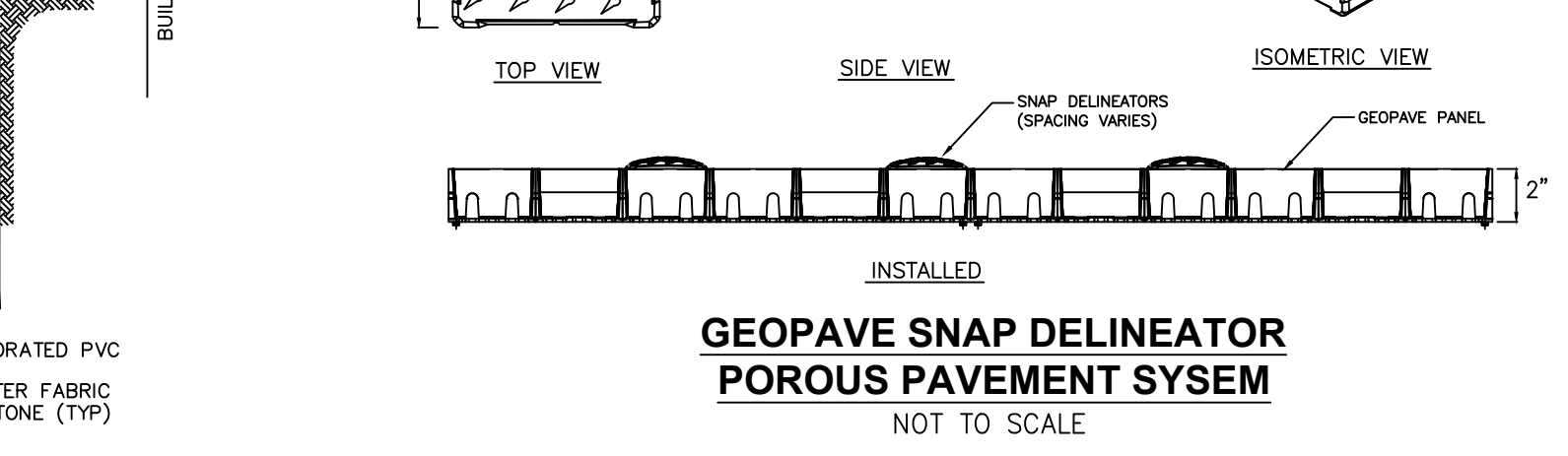
GEOPAVE SNAP DELINEATOR POROUS PAVEMENT SYSEM

NOT TO SCALE



STONE TRENCH DETAIL

NOT TO SCALE



DESIGN GUIDELINES - BASE DEPTH

LOAD DESCRIPTION	CBR 2 - 4%	CBR 2 - 4%
Heavy Fire Truck Access & H/H=20 loading. Typical 110 psi (758 kPa) tire pressure. Single axle loadings of 32 kips (145 kN), tandem axle loadings of 48 kips (220 kN). Gross vehicle weight of 80,000 lbs (36.3 MT). Infrequent passes.	6 IN (150 MM)	6 IN (150 MM)

DESIGN GUIDELINES - BASE DEPTH

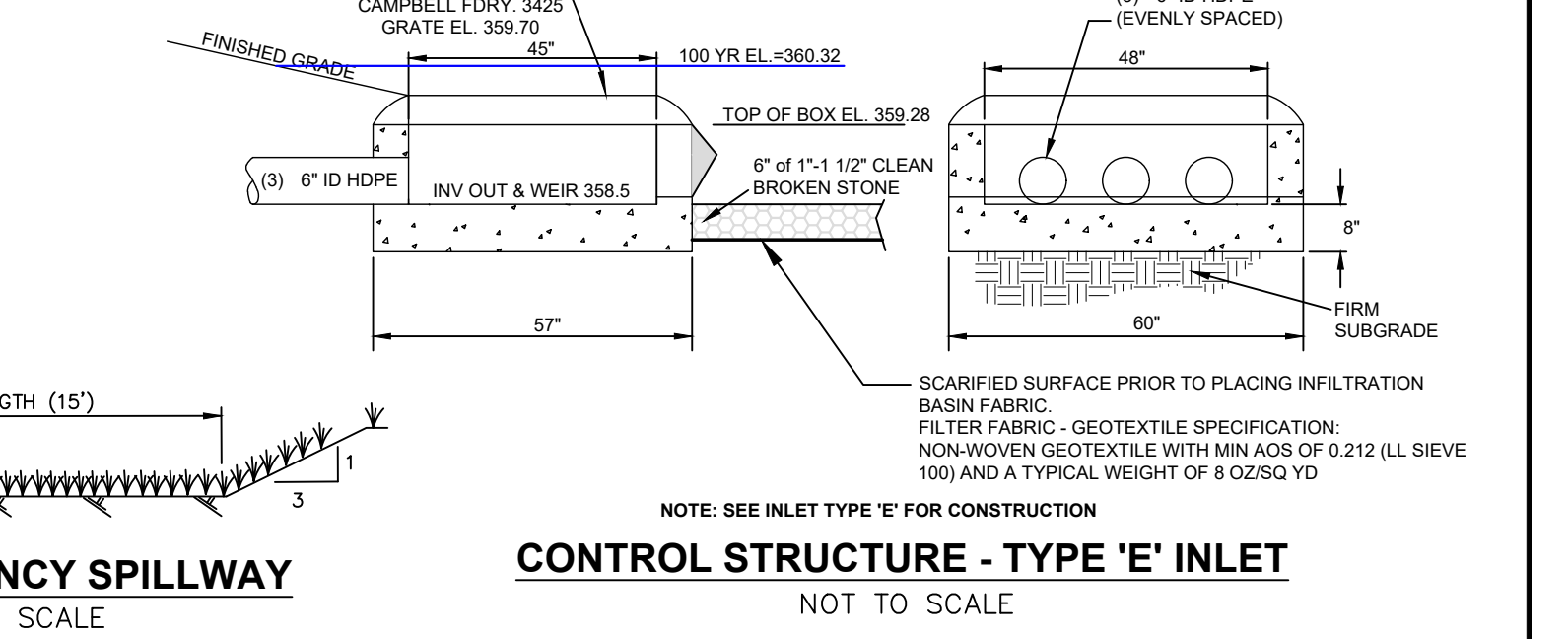
- MANUFACTURERS NOTES:**
- THIS INFORMATION IS BASED ON THE USE OF GEOPAVE MANUFACTURED BY PRESTO PRODUCTS CO. ALL RIGHTS RESERVED. ANY USE OF THIS INFORMATION FOR ANY RIGID POROUS PAVEMENT PRODUCT OTHER THAN THAT MANUFACTURED BY PRESTO IS STRICTLY PROHIBITED AND MAKES THIS INFORMATION INVALID.
 - AGGREGATE INFILL SHALL BE 0.375 TO 0.5 INCH (10 TO 13 MM) [NJDOT #7 OR EQUAL] OPEN GRADED CRUSHED AGGREGATE WITH FINE CONTENT LESS THAN 5% TO ALLOW FOR FREE DRAINAGE.
 - AGGREGATE BASE SHALL BE 0.375 TO 1.0 INCH (10 TO 25 MM) [NJDOT #57 OR EQUAL] OPEN GRADED CRUSHED AGGREGATE WITH FINE CONTENT LESS THAN 5% TO ALLOW FOR FREE DRAINAGE.
 - A MINIMUM 2 INCH (50 MM) OF AGGREGATE BASE SHOULD BE PLACED BELOW THE UNITS TO ACT AS DRAINAGE LAYER AND INFILTRATION AREA. THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE DESIGN AND STABILITY OF THE OPEN GRADED BASE COURSE.
 - PROVIDE A NON-WOVEN GEOTEXTILE SEPARATION LAYER AND INSTALL IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS INCLUDING OVERLAPS BASED ON SUB GRADE CBR.
 - CONNECT GEOPAVE PANELS WITH THE U-CLIP CONNECTION DEVICE AT ALL HALF WALL LOCATIONS, AND DRIVEN COMPLETELY SO THAT ADJACENT SECTIONS HAVE HORIZONTALLY LEVEL PROFILES.
 - REFER TO THE GEOPAVE DESIGN AND CONSTRUCTION OVERVIEW FOR A COMPLETE DESCRIPTION OF THE DESIGN AND CONSTRUCTION METHODS.

- SNAP DELINEATOR NOTES:**
- THIS INFORMATION IS BASED ON THE USE OF GEOPAVE AND GEOPAVE SNAP DELINEATORS MANUFACTURED BY PRESTO PRODUCTS CO. ALL RIGHTS RESERVED. ANY USE OF THIS INFORMATION FOR ANY RIGID POROUS PAVEMENT PRODUCT OTHER THAN THAT MANUFACTURED BY PRESTO IS STRICTLY PROHIBITED AND MAKES THIS INFORMATION INVALID.
 - PRODUCED IN HIGH VISIBILITY COLORS TO MARK PARKING SPACES, DRIVE LANES, CENTER LINES OR OTHER DELINEATION.
 - SNAP DELINEATORS INTEGRAL LOCKING SNAPS FUNCTION IN THE GEOPAVE UNIT'S SQUARE OR RECTANGULAR CELLS AT THE PLACEMENT DENSITY TO MEET VISUAL AND LOCAL AGENCY REQUIREMENTS.
 - SNAP DELINEATORS ARE COMPATIBLE WITH AGGREGATE AND ENGINEERED FILL MATERIALS.
 - RAISED PROFILE WITH DIAMOND GRID PATTERN AIDS IN DRIVER VISIBILITY AND VEHICLE TRACTION.
 - REFER TO THE GEOPAVE DESIGN AND CONSTRUCTION OVERVIEW FOR A COMPLETE DESCRIPTION OF THE DESIGN AND CONSTRUCTION METHODS.

MATERIAL	UP TO 100% RECYCLED POLYETHYLENE
COLOR	RANGES DARK SHADES GRAY TO BLACK
CHEMICAL RESISTANCE	SUPERIOR
CARBON BLACK FOR UV STABILIZATION, %	1.5 TO 2.0%
UNIT MIN CRUSH STRENGTH - EMPTY @ 70F (21C)	175 PSI (1,202 KPa)
UNIT MIN CRUSH STRENGTH - FILLED @ 70F (21C)	5,160 PSI (35,625 KPa)
FLEXURAL MODULUS @ 70F (21C)	35,000 PSI (240,000 KPa)
NOMINAL DIMENSIONS - WIDTH X LENGTH	20 X 40 IN (0.5 X 1.0 M)
NOMINAL UNIT DEPTH	2.0 IN (50 MM)
NOMINAL AREA	5.38 SQFT (0.5 SQMTR)
CELLS PER UNIT	50
SMALL CELL SIZE	3.25 X 3.25 IN (83 X 83 MM)
LARGE CELL SIZE	3.25 X 6.5 IN (83 X 165 MM)
TOP OPEN AREA PER UNIT	90.5%
BOTTOM OPEN AREA PER UNIT	32.6%
BOTTOM MESH OPENING SIZE	0.25 X 0.25 IN (6.35 X 6.35 MM)
NOMINAL WEIGHT PER UNIT	7.6 LBS (3.4 KG)
RUNOFF COEFFICIENT @ 2.5 IN/HR (64 MM)	0 - 0.15 0.10 - 0.35
RAINFALL WITH AGGREGATE WITH ENGINEERED INFILL	
UNITS PER PALLET	46

LOAD DESCRIPTION	CBR 2 - 4%	CBR 2 - 4%
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GEOSYSTEMS OR APPROVED EQUAL



CONTROL STRUCTURE - TYPE 'E' INLET

NOT TO SCALE

REV.	DATE	DESCRIPTION	BY
1	07/09/2021	REVISED PER BOA HEARING/PROFESSIONAL REVIEW	JAH

PRELIMINARY Site Plan & Major Subdivision CONSTRUCTION DETAILS
PROPOSED IN-DOOR TENNIS COURTS
BRANT SWITZLER
PREPARED FOR:
TAX MAP SHEET 16, BLOCK 55, LOT 2
DELAWARE TOWNSHIP, HUNTERDON COUNTY, NJ

CHK: _____ SCALE: AS SHOWN DRAWING NO. REV. NO.
ENG. JAH CAD FILE NO. Switzler SD 2021 C-5
DATE: JULY 2020 SHEET 1

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