

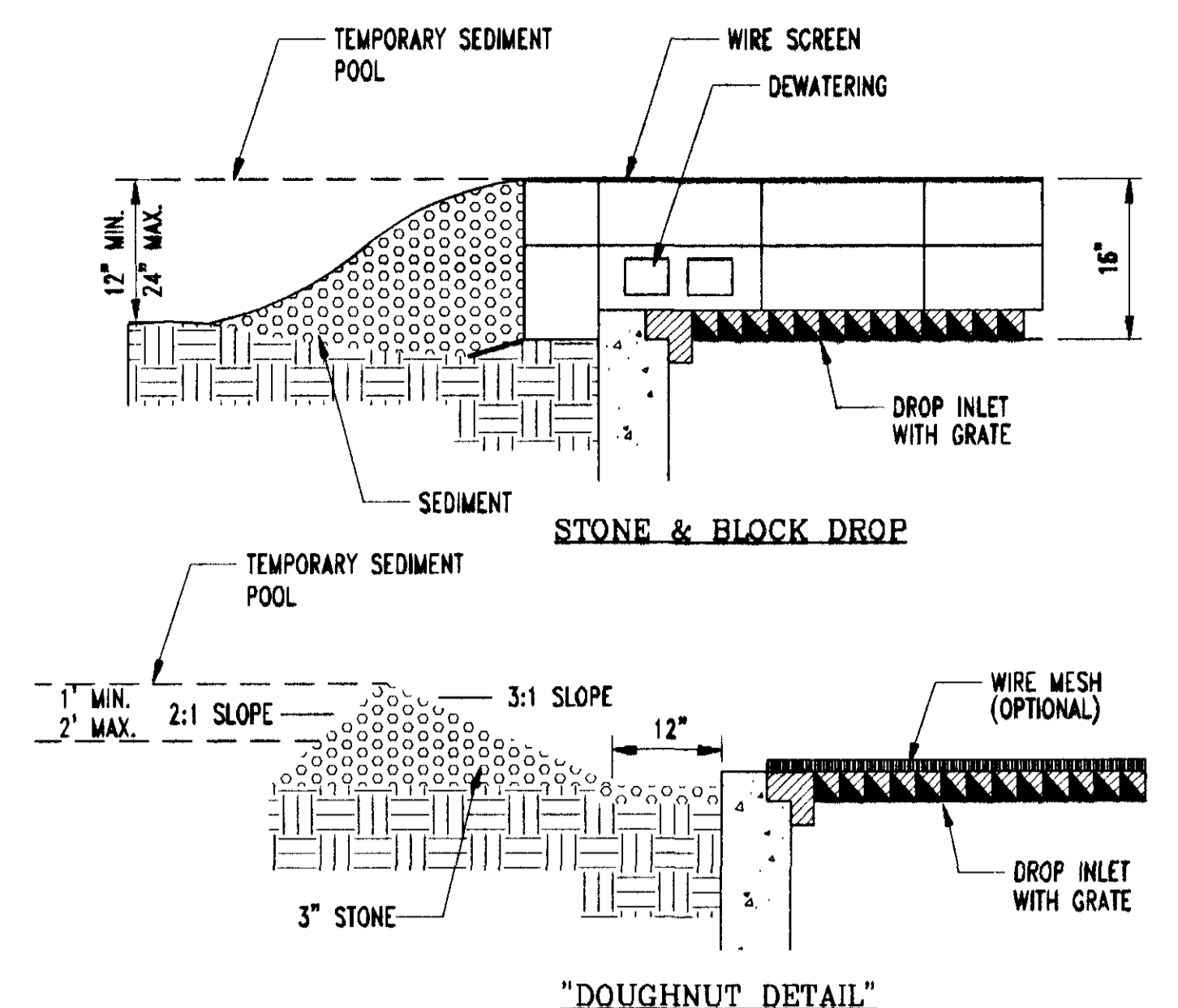
**GENERAL NOTES:**

- LOCATIONS AS SHOWN ON THE PLANS.
- ALL PROPOSED EROSION CONTROLS SHALL BE INSTALLED PRIOR TO BEGINNING OF CONSTRUCTION. FINAL LOCATION & CONSTRUCTION SHALL BE APPROVED BY THE ENGINEER.
- REMOVAL OF EROSION CONTROLS ONLY UNDER THE AUTHORIZATION OF THE ENGINEER.

**CONSTRUCTION NOTES FOR FABRICATED SILTATION FENCE:**

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP & MID-SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.

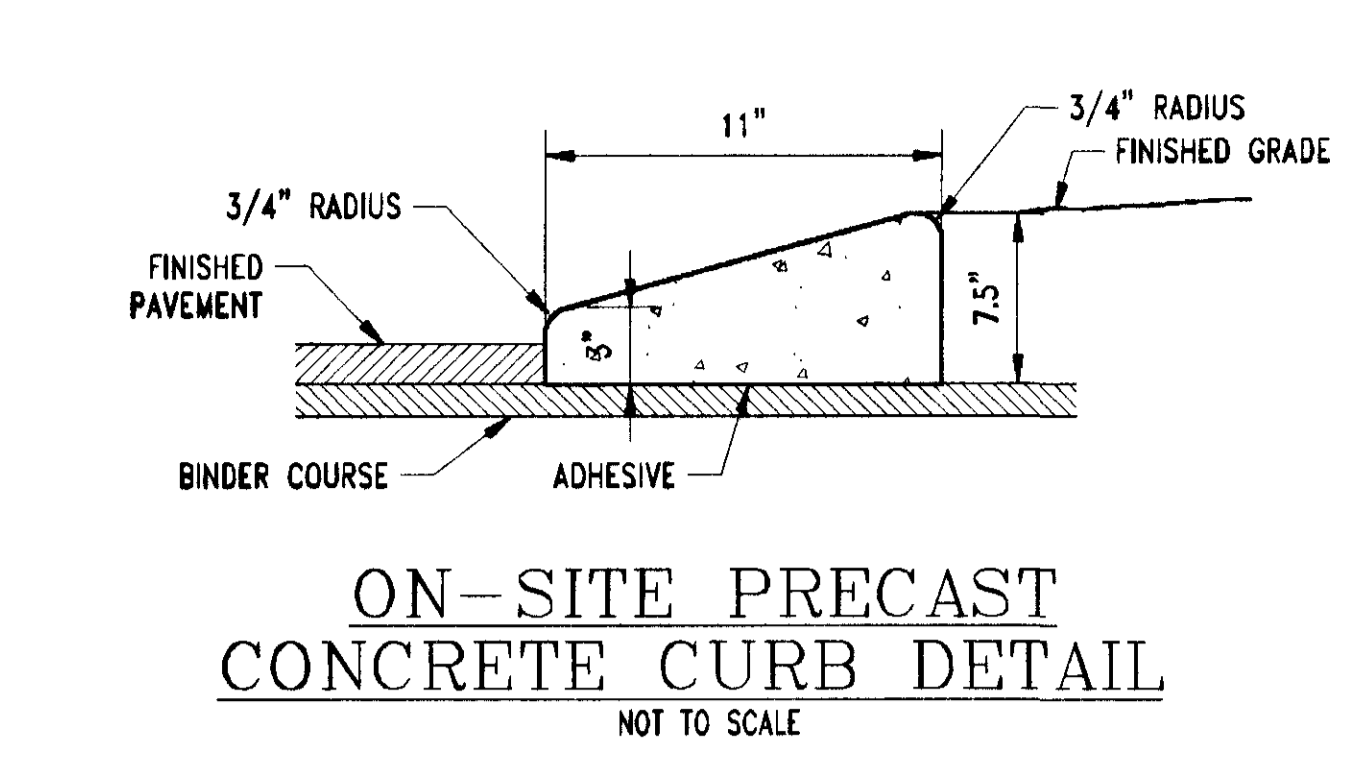
**SILTATION FENCE DETAIL**  
NOT TO SCALE



**CONSTRUCTION SPECIFICATIONS:**

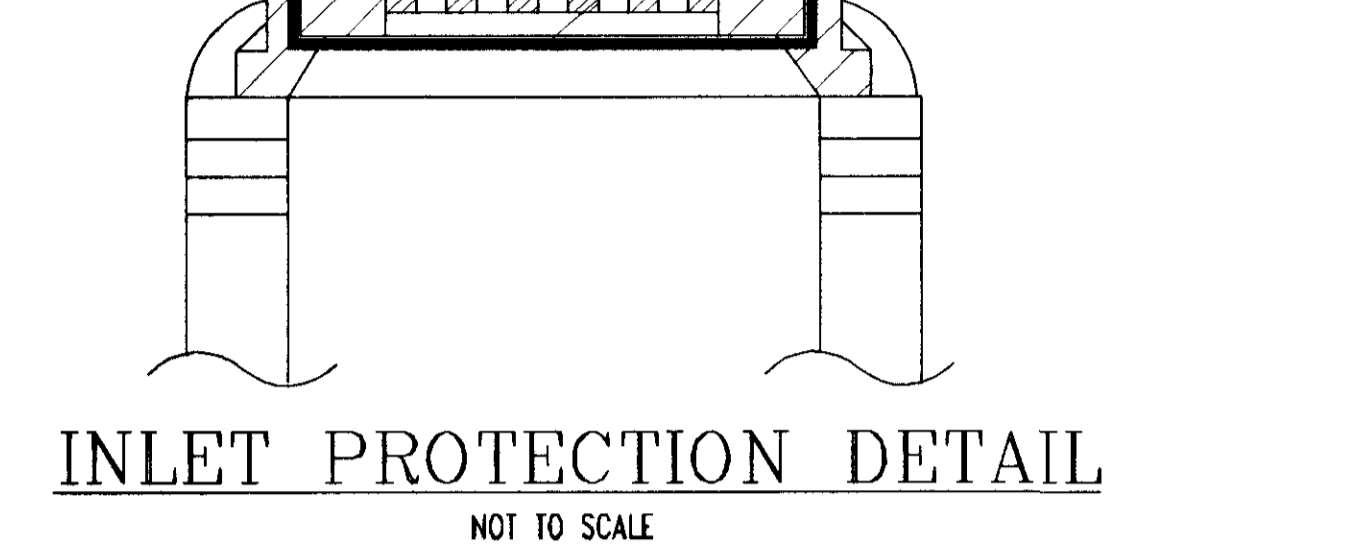
- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
- HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER CLOCK OPENINGS TO SUPPORT STONE.
- USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
- FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS. MAXIMUM DRAINAGE AREA 1 ACRE.

**STONE & BLOCK DROP INLET PROTECTION STRUCTURE**  
NOT TO SCALE

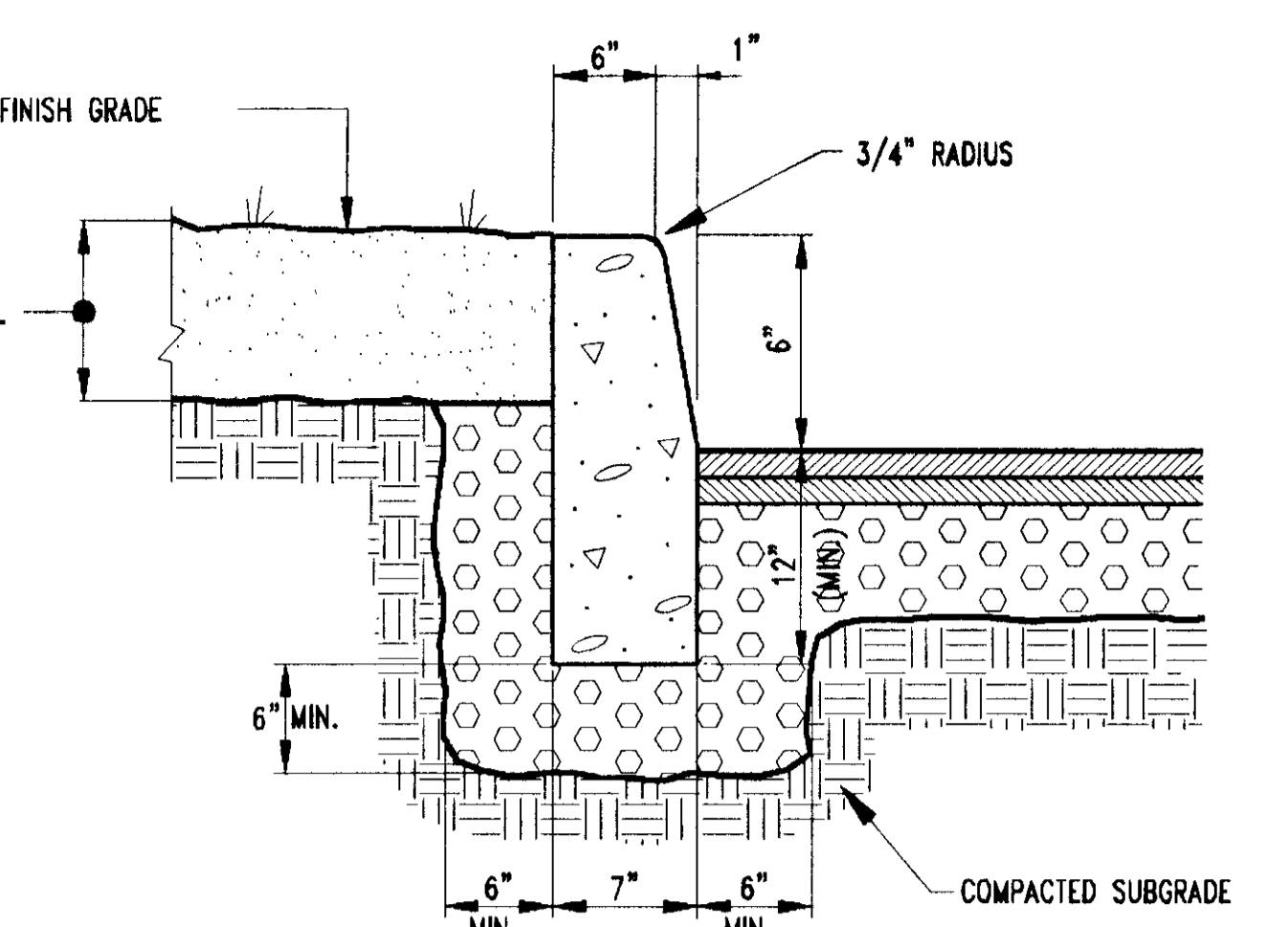


**ON-SITE PRECAST CONCRETE CURB DETAIL**  
NOT TO SCALE

NOTE: CURB SHALL CONSIST OF 4,000 PSI AIR ENTRAINED CONCRETE, EXPOSED EDGES TO HAVE RUBBED FINISH AND SURFACE SHALL BE TREATED WITH A CONCRETE PENETRANT / SEALER. EXPANSION JOINTS SHALL BE INSTALLED AT A MAXIMUM OF TWENTY FEET (20') ON CENTER USING PREFORMED EXPANSION JOINT FILLER HAVING A THICKNESS OF 1/2 INCH.



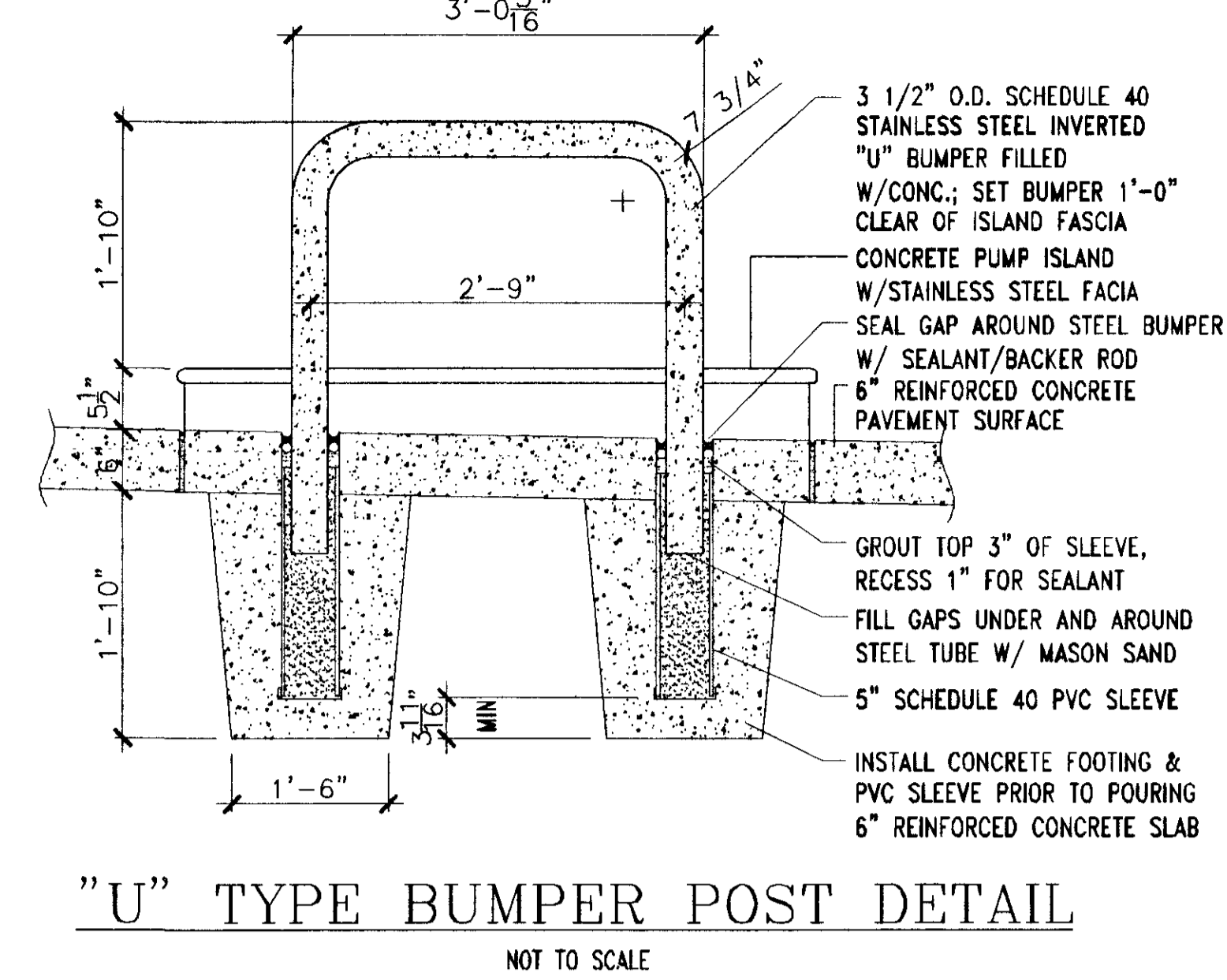
**INLET PROTECTION DETAIL**  
NOT TO SCALE



**ON-SITE PRECAST CONCRETE CURB DETAIL**  
NOT TO SCALE

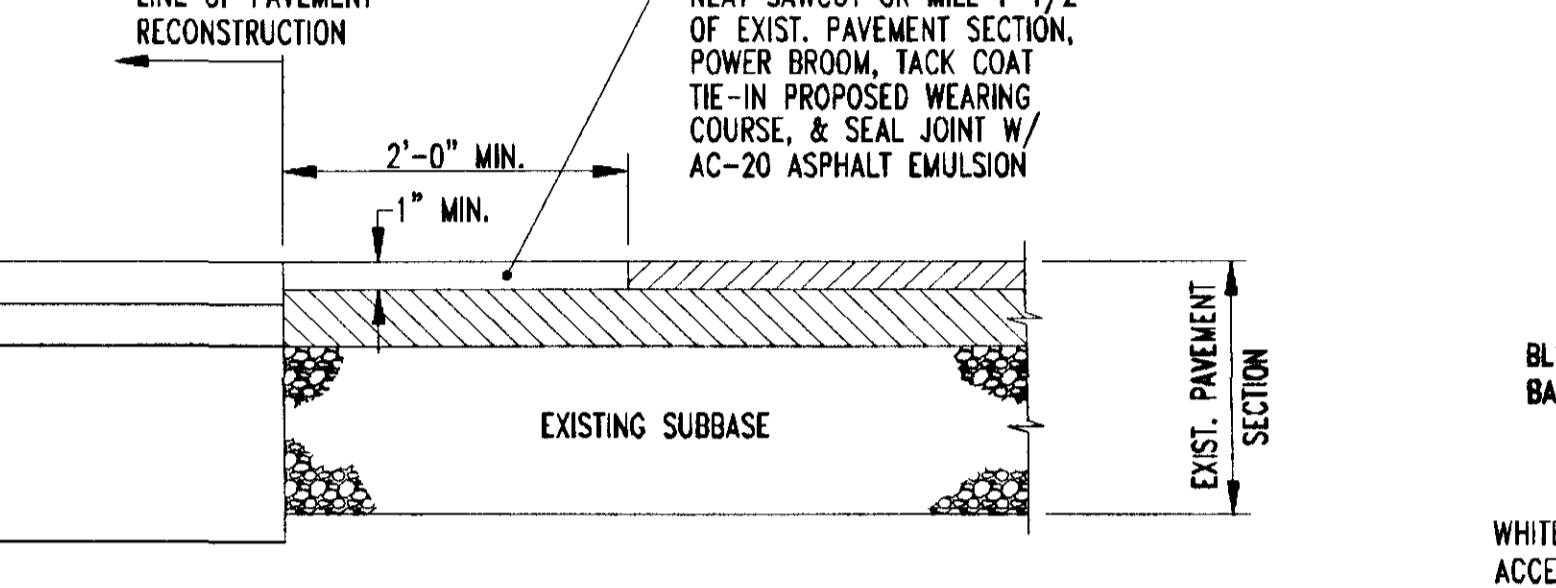
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**ON-SITE PRECAST CONCRETE CURB DETAIL**  
NOT TO SCALE

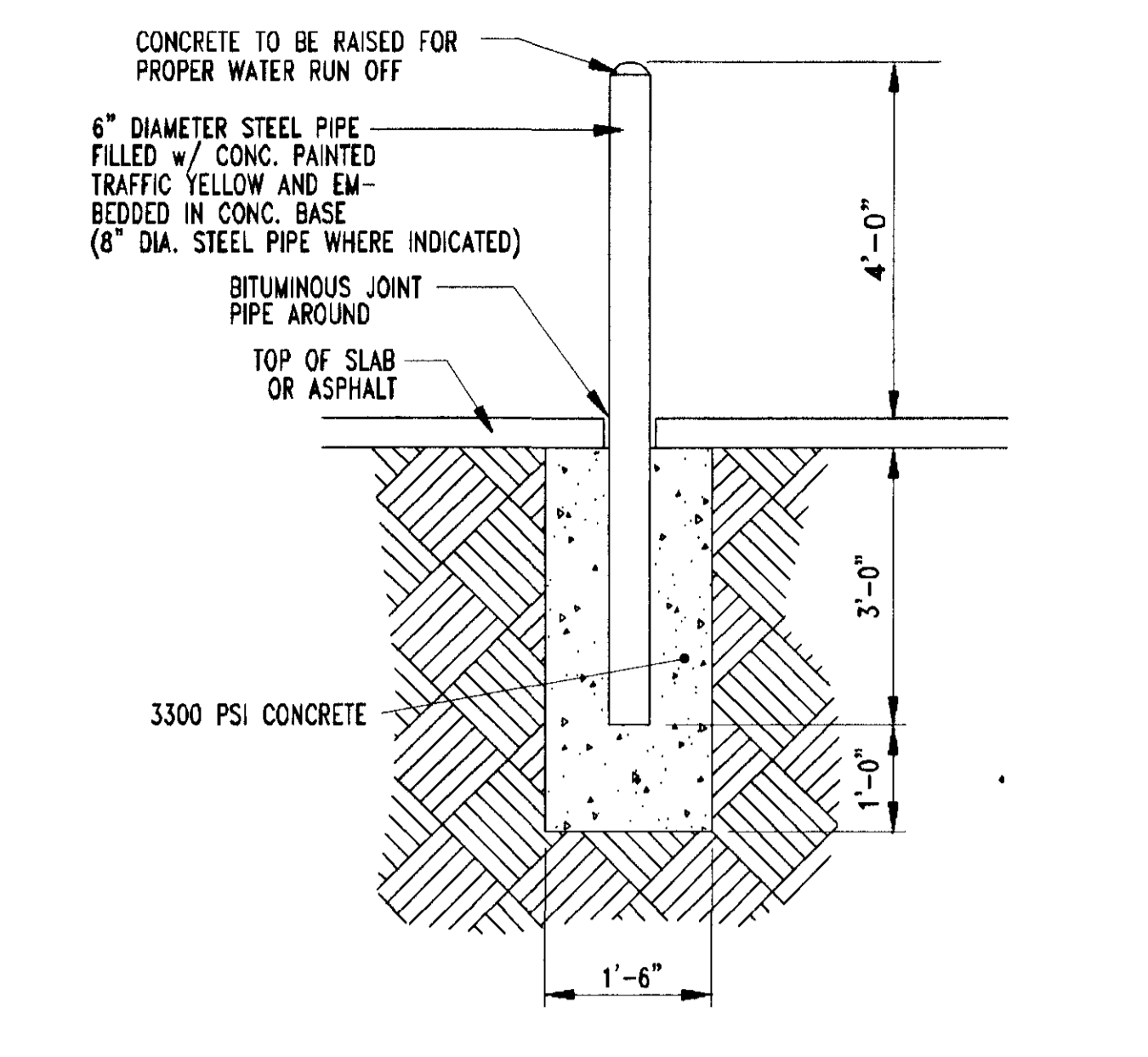


**'U' TYPE BUMPER POST DETAIL**  
NOT TO SCALE

NOTE: CONCRETE TO BE RAISED FOR PROPER WATER RUN OFF.

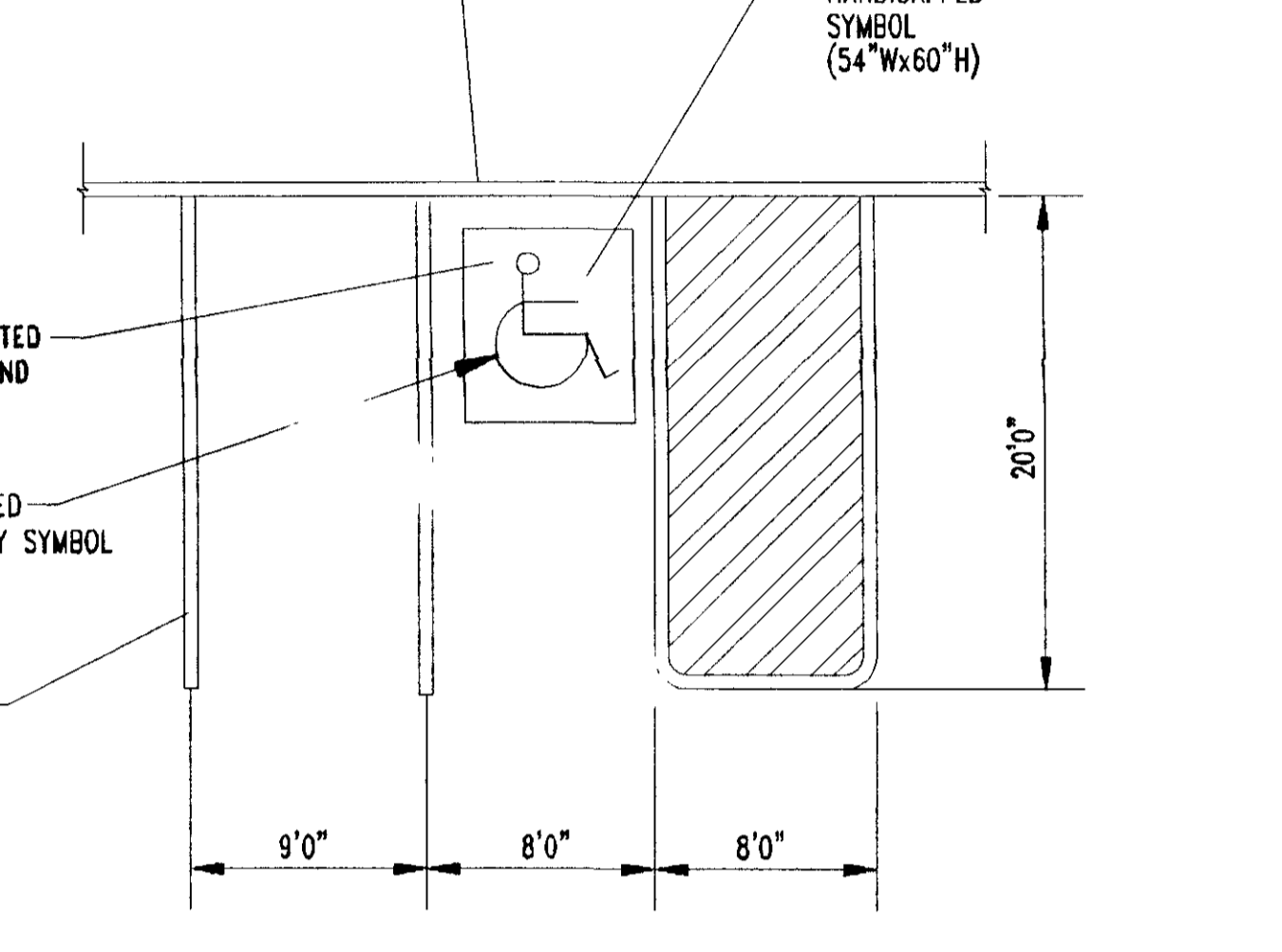


**PAVEMENT TIE-IN DETAIL**  
NOT TO SCALE



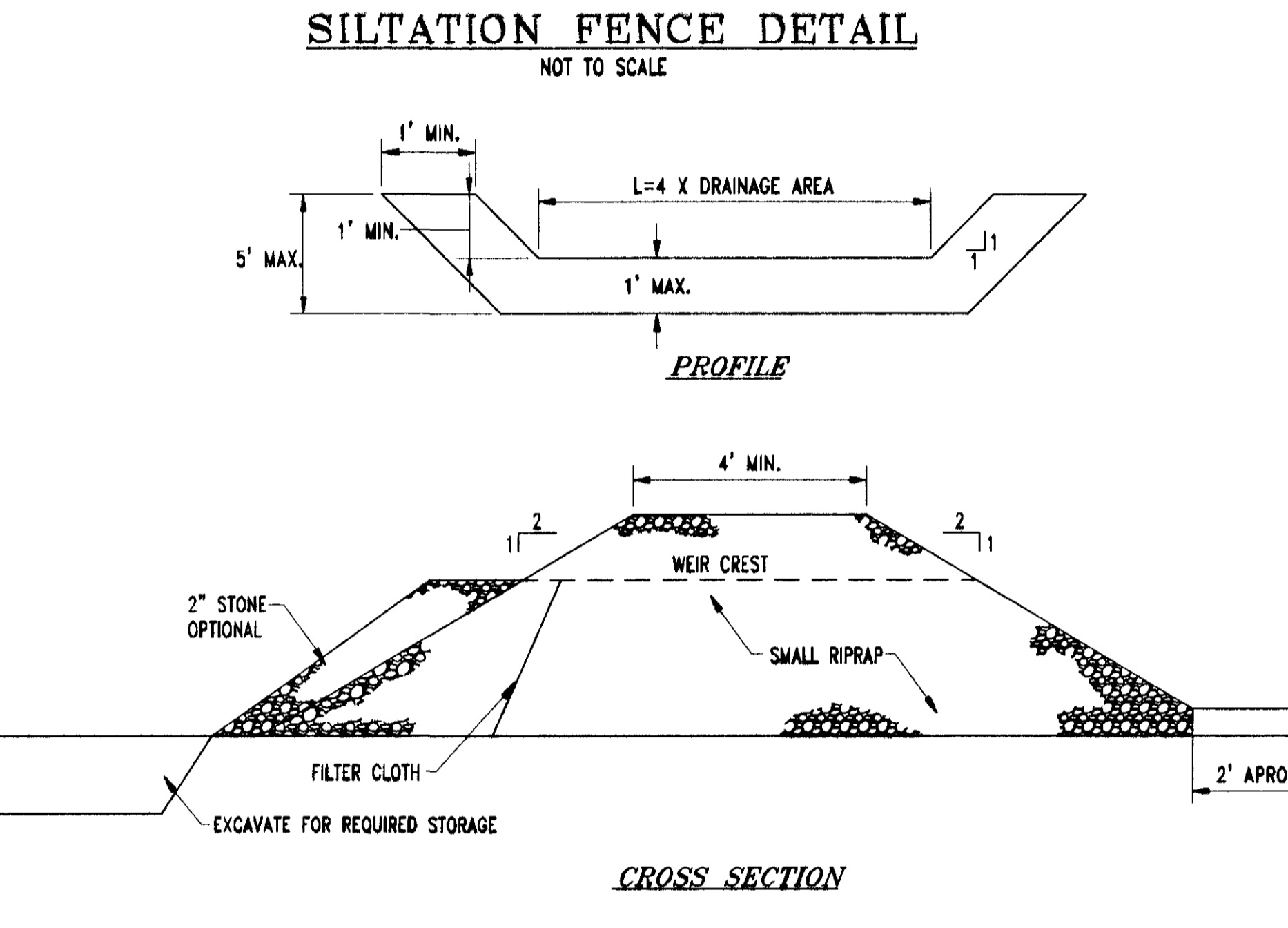
**BOLLARD DETAIL**  
NOT TO SCALE

NOTE: CONCRETE TO BE RAISED FOR PROPER WATER RUN OFF.



**HANDICAPPED STALL MARKING**  
NOT TO SCALE

NOTE: ADJUST 45°, 60°, 75° ANGLED PARKING.



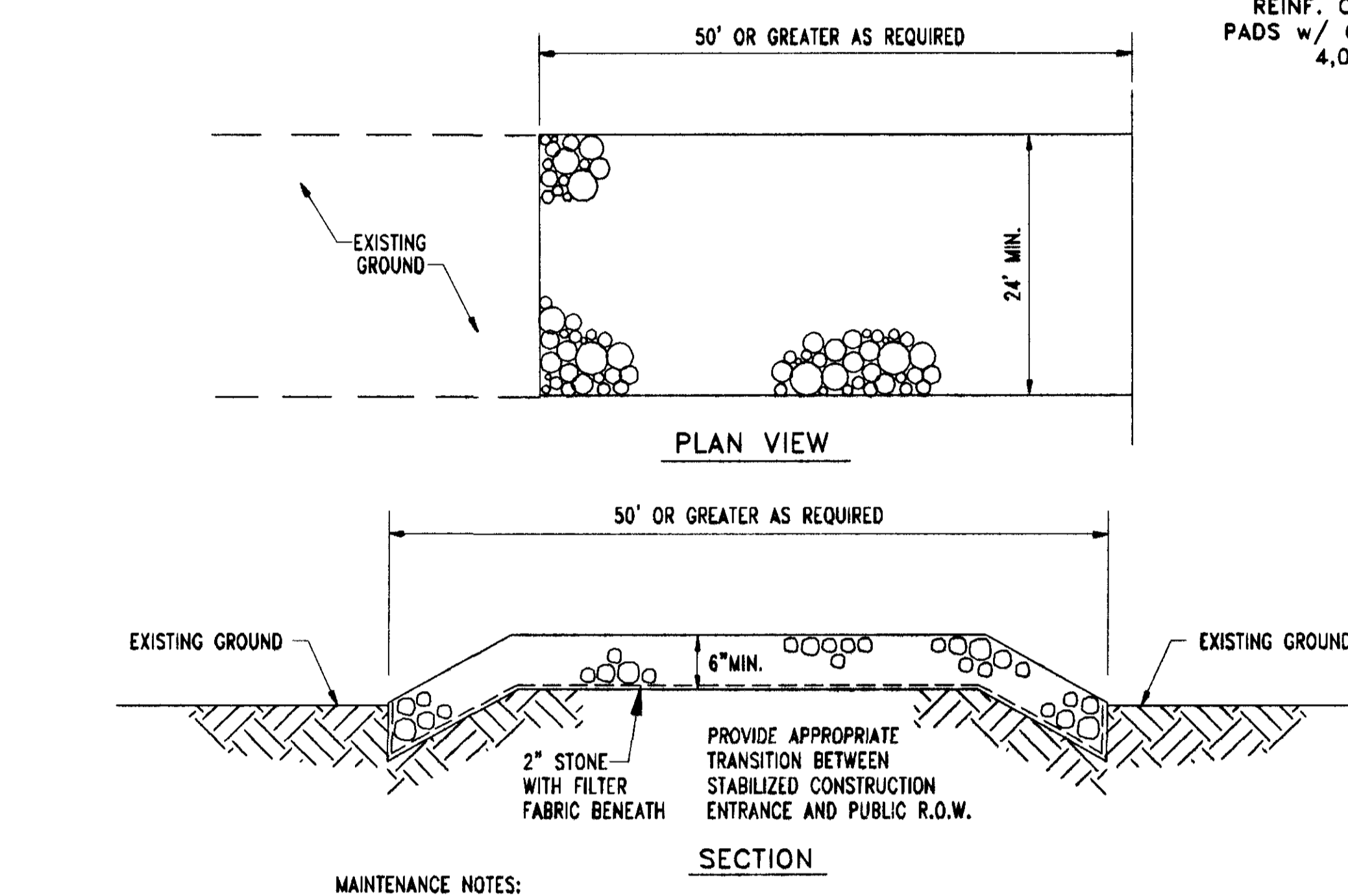
**STONE OUTLET SEDIMENT TRAP DETAIL**  
NOT TO SCALE

OPTION: A ONE FOOT LAYER OF 2" STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP IN PLACE OF THE EMBEDDED FILTER CLOTH.

NOTES:

- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL, OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACT BY TRAVELING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE OF THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH TO THE TRAP.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
- THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

**STONE OUTLET SEDIMENT TRAP DETAIL**  
NOT TO SCALE

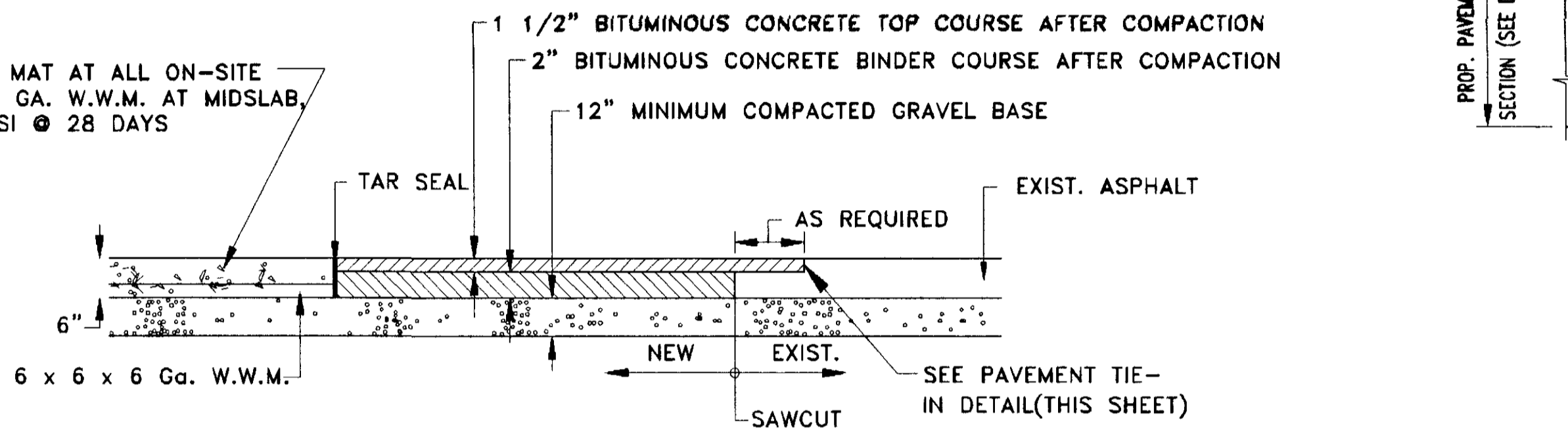


**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE

MAINTENANCE NOTES:

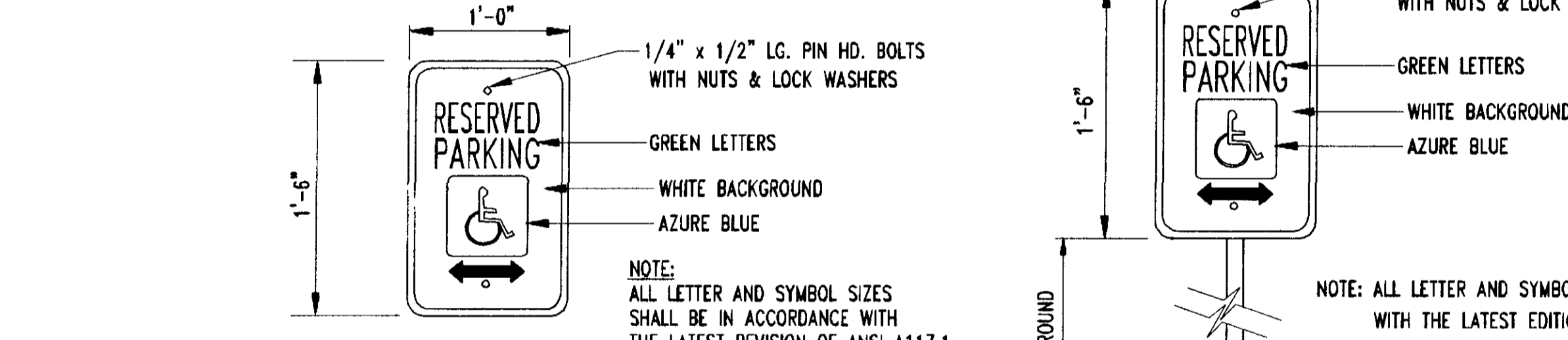
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY OR STREETS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL AGGREGATE. ALL SEDIMENT SPILLED, DROPPED, OR WASHED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN NECESSARY, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERCOURSES.

**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



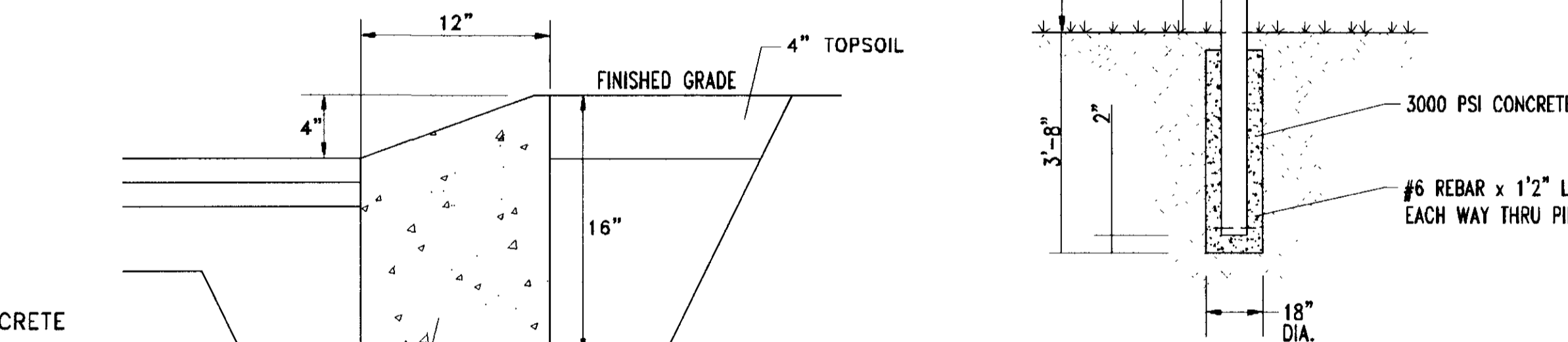
**ONSITE CONCRETE & PAVING DETAIL**  
NOT TO SCALE

NOTE: FINAL CONC. AND PAVING DESIGN SHALL BE SPECIFIED BY OWNER.



**WALL MOUNTED RESERVED PARKING SIGN (R7-8)**  
NOT TO SCALE

NOTE: ALL LETTER AND SYMBOL SIZES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ANSI A117.1.



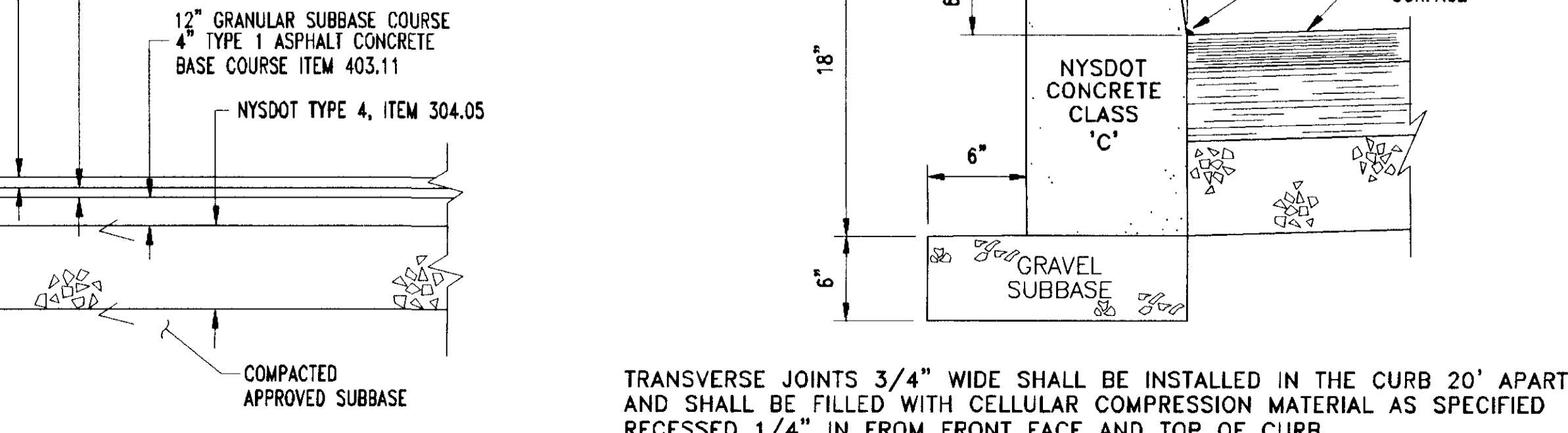
**HANDICAP PARKING SIGN DETAIL**  
NOT TO SCALE

NOTE: ALL LETTER AND SYMBOL SIZES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ANSI A117.1.



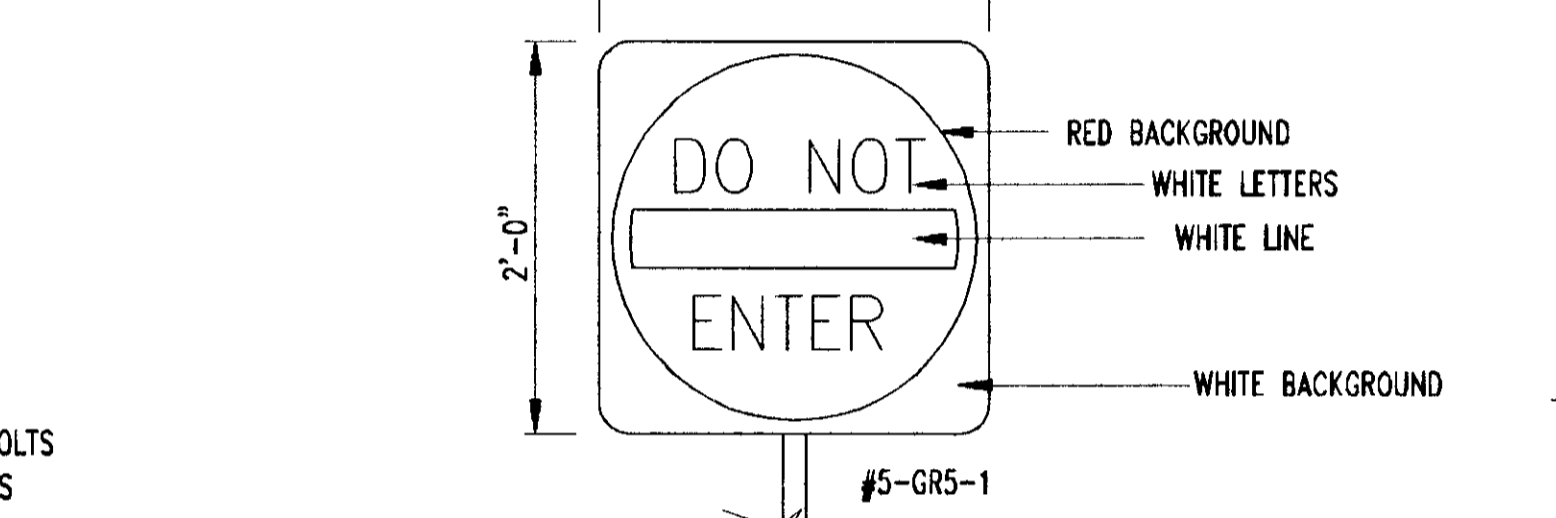
**MAPLE AVENUE ACCESS TRAVERSABLE PRECAST CONCRETE CURB DETAIL**  
NOT TO SCALE

NOTE: TRANSVERSE JOINTS 3/4" WIDE SHALL BE INSTALLED IN THE CURB 20" APART AND SHALL BE FILLED WITH CELLULAR COMPRESSION MATERIAL AS SPECIFIED RECESSED 1/4" IN FROM FRONT FACE AND TOP OF CURB.



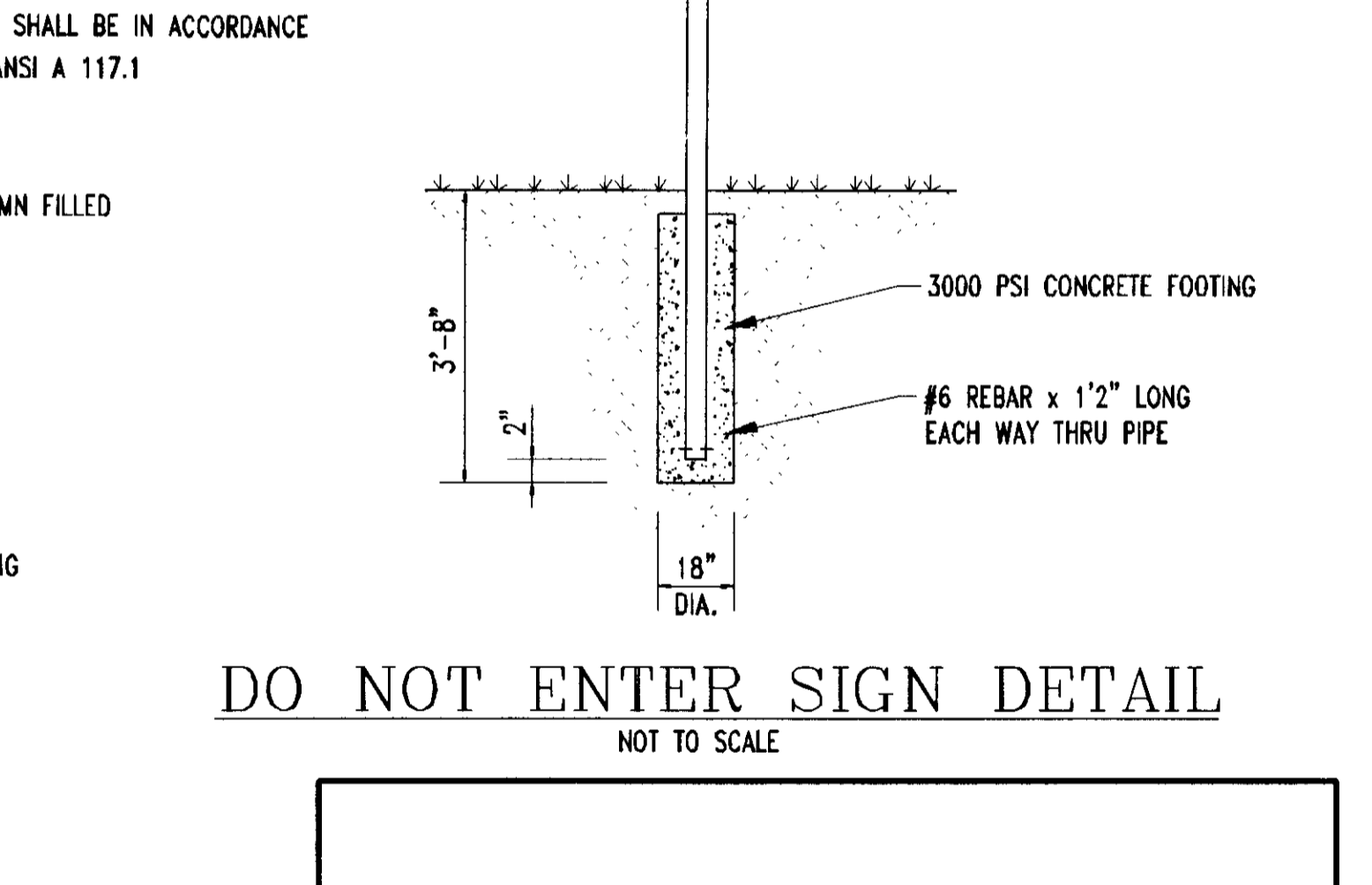
**NYSDOT R.O.W. TYPICAL PAVING DETAIL**  
NOT TO SCALE

NOTE: TRANSVERSE JOINTS 3/4" WIDE SHALL BE INSTALLED IN THE CURB 20" APART AND SHALL BE FILLED WITH CELLULAR COMPRESSION MATERIAL AS SPECIFIED RECESSED 1/4" IN FROM FRONT FACE AND TOP OF CURB.



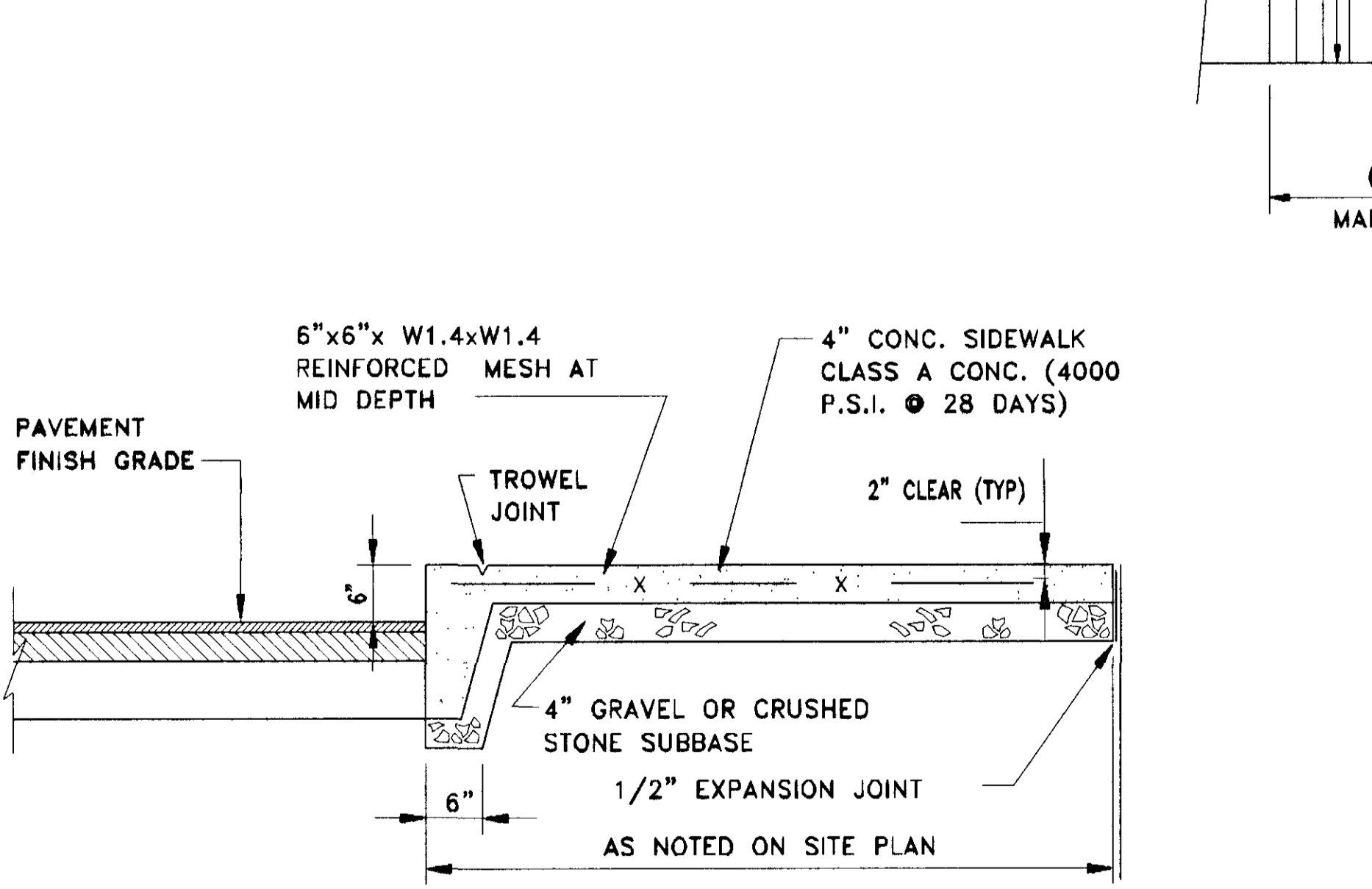
**DO NOT ENTER SIGN DETAIL**  
NOT TO SCALE

NOTE: ALL LETTER AND SYMBOL SIZES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ANSI A117.1.



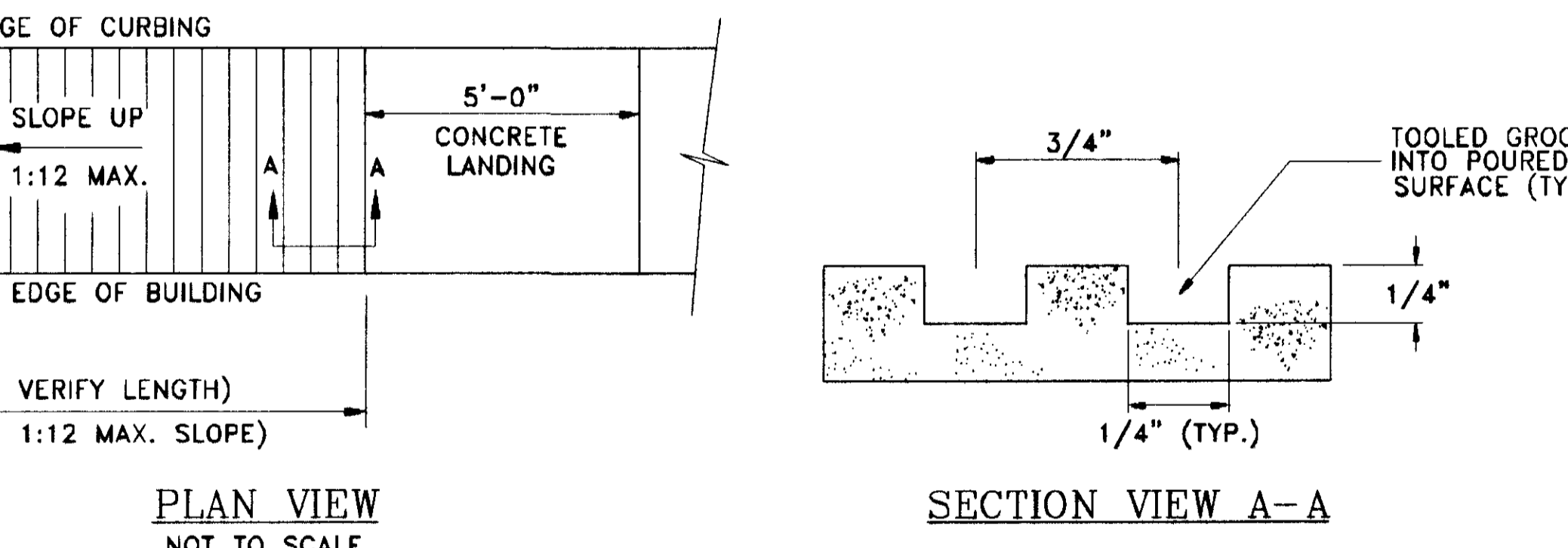
**STOP SIGN DETAIL**  
NOT TO SCALE

NOTE: ALL LETTER AND SYMBOL SIZES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ANSI A117.1.



**SIDEWALK & CURB DETAIL AT BUILDING**  
NOT TO SCALE

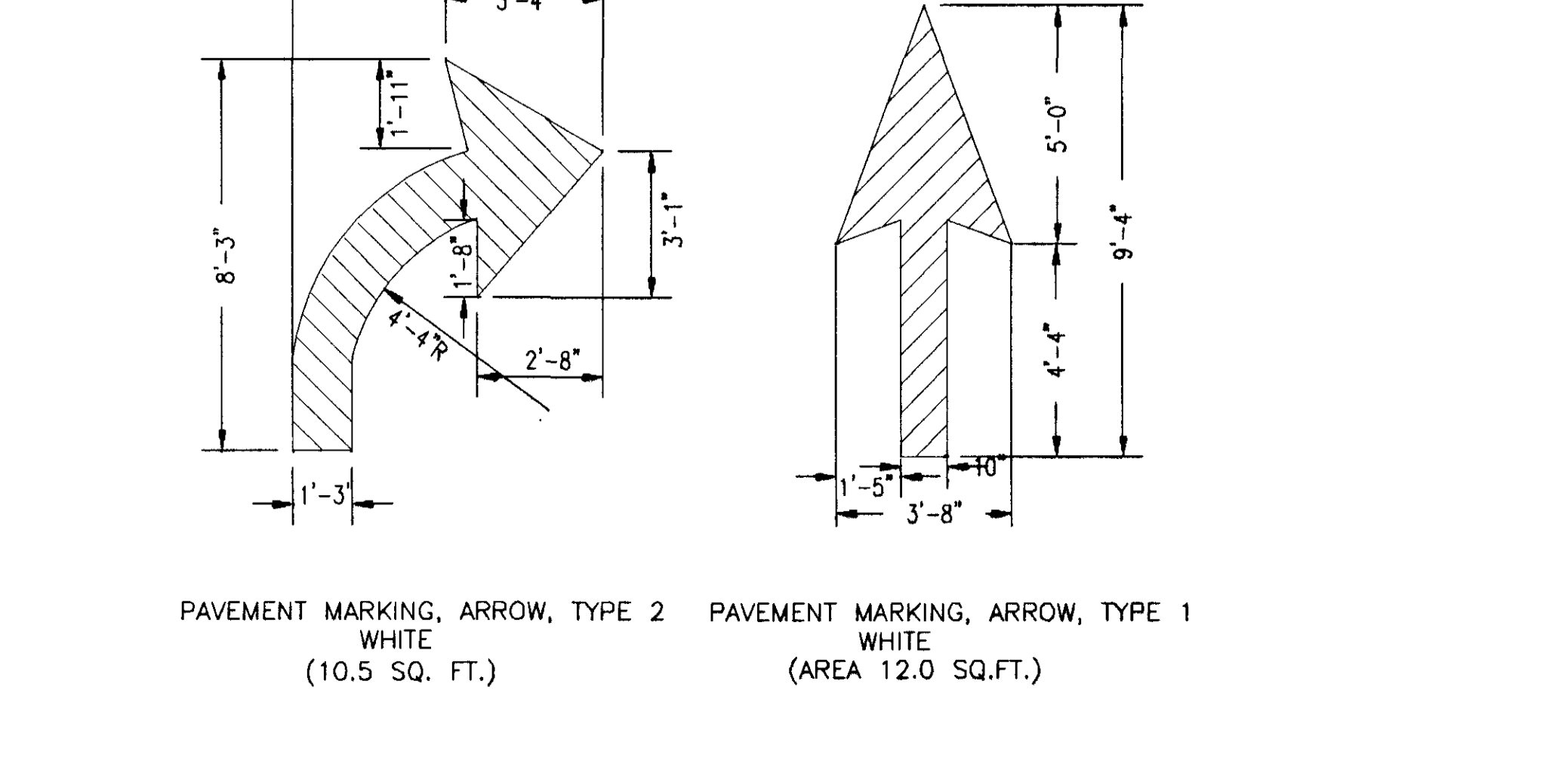
EXPANSION JOINTS SHALL BE INSTALLED EVERY 20 FEET WITH SCORE JOINTS EVERY 5 FEET. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS THE BUILDING, BETWEEN ADJACENT SLABS, CURBS OR AT PENETRATION STRUCTURES. EXPANSION JOINTS ARE TO BE 1/2" WIDE PREWOLDED BITUMINOUS MATERIAL. SLOPE ACROSS SIDEWALK TO BE 1/4" PER FOOT TOWARDS PAVEMENT.



**HANDICAP RAMP DETAIL**  
NOT TO SCALE

PAVEMENT MARKING, ARROW, TYPE 2 WHITE (10.5 SQ. FT.)

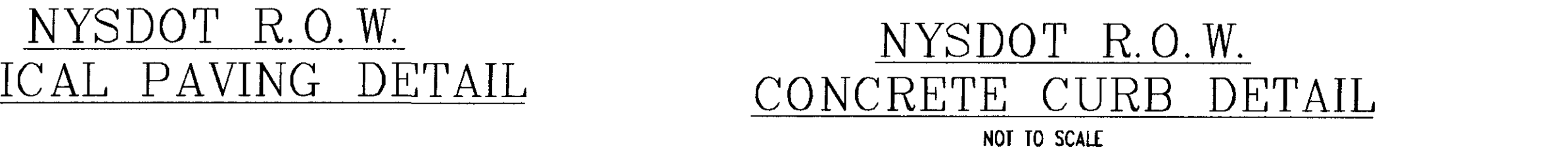
PAVEMENT MARKING, ARROW, TYPE 1 WHITE (AREA 12.0 SQ.FT.)



**PAVEMENT MARKINGS ARROWS**  
NOT TO SCALE

PAVEMENT MARKING, ARROW, TYPE 2 WHITE (10.5 SQ. FT.)

PAVEMENT MARKING, ARROW, TYPE 1 WHITE (AREA 12.0 SQ.FT.)

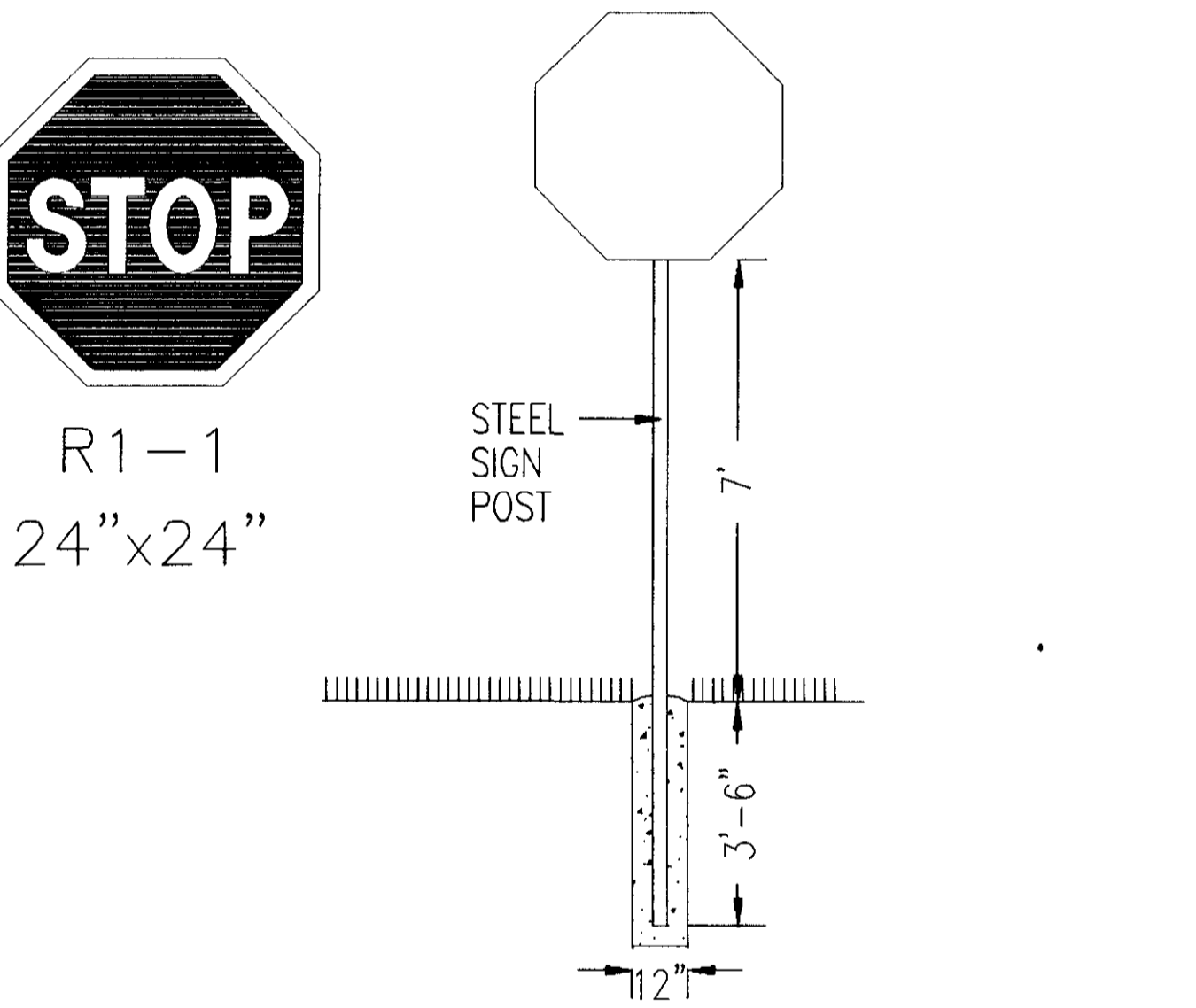


**NYSDOT R.O.W. CONCRETE CURB DETAIL**  
NOT TO SCALE

NOTE: TRANSVERSE JOINTS 3/4" WIDE SHALL BE INSTALLED IN THE CURB 20" APART AND SHALL BE FILLED WITH CELLULAR COMPRESSION MATERIAL AS SPECIFIED RECESSED 1/4" IN FROM FRONT FACE AND TOP OF CURB.

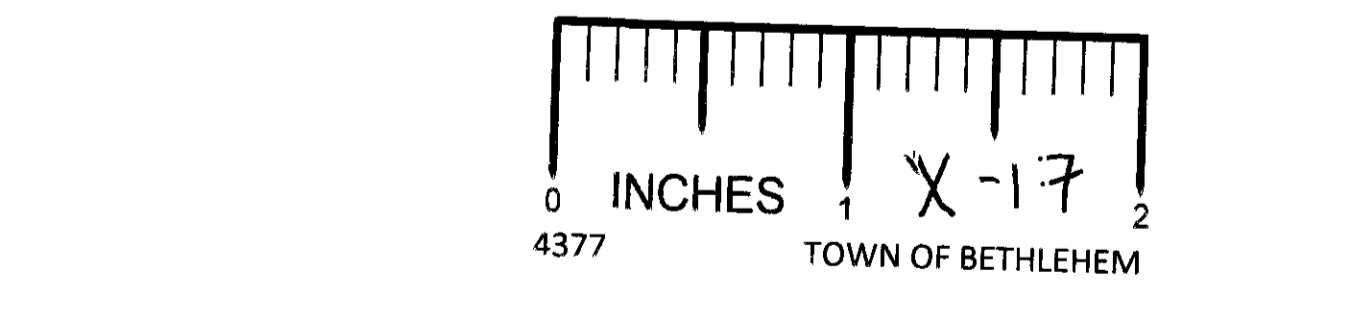


**TOWN OF BETHELEM APPROVAL AREA**  
NOT TO SCALE



**STOP SIGN DETAIL**  
NOT TO SCALE

HEIGHT & CLEARANCE OF SIGNS (FOR ROADWAY SIGN)



**STOP SIGN DETAIL**  
NOT TO SCALE

HEIGHT & CLEARANCE OF SIGNS (FOR ROADWAY SIGN)

<p><b>BOHLER ENGINEERING, P.C.</b> CIVIL &amp; CONSULTING ENGINEERS ■ PROJECT MANAGERS ■ ENVIRONMENTAL &amp; SITE PLANNERS ■ MUNICIPAL ENGINEERS</p> <p>5 Computer Drive West Albany, NY 12205 518.438.9900 www.bohlereng.com</p>		<p><b>Cumberland Farms</b> 777 Dedham Street Canton, Massachusetts 02021</p>																																		
<p><b>PROJECT: CUMBERLAND FARMS, INC.</b> PROP. CONVENIENCE STORE &amp; GAS STATION 1238 ROUTE 9W TOWN OF BETHELEM ALBANY COUNTY, NEW YORK</p>		<p><b>TITLE: SITE DETAILS</b></p>																																		
<p><b>L.H. BOHLER</b> PROFESSIONAL ENGINEER NEW YORK LICENSE No. 63409 NEW JERSEY LICENSE No. 27410 PENNSYLVANIA LICENSE No. 37184 CONNECTICUT LICENSE No. 21854 MASSACHUSETTS LICENSE No. 17518 VERMONT LICENSE No. 7735</p>		<p><b>W.D. GOEBEL</b> PROFESSIONAL ENGINEER NEW YORK LICENSE No. 071284 RHODE ISLAND LICENSE No. 7268 CONNECTICUT LICENSE No. 21854 MASSACHUSETTS LICENSE No. 42644 VERMONT LICENSE No. 7735</p>																																		
<p>SCALE: (H) NONE (V) NONE DATE: 5/22/06 SHEET No. 13</p>		<p>PROJECT No. B050649 OF 19</p>																																		
<p>DRAWN BY: ECR PROJECT No. B050649</p>		<p>CHECKED BY: RJS CD NO. B050649sd0</p>																																		
<p>REVISIONS:</p> <table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>COMMENT</th> </tr> <tr> <td>1</td> <td>11/29/06</td> <td>BLDG. FOOTPRINT REVISED</td> </tr> <tr> <td>2</td> <td>11/29/06</td> <td>REVISED PER CLIENT COMMENTS</td> </tr> <tr> <td>3</td> <td>12/29/07</td> <td>REVISED PER CLIENT COMMENTS</td> </tr> <tr> <td>4</td> <td>4/19/07</td> <td>REVISED PER IRI COMMENTS</td> </tr> <tr> <td>5</td> <td>6/20/07</td> <td>TRUCK DELIVERY / MAPLE AVE ACCESS</td> </tr> <tr> <td>6</td> <td>7/20/07</td> <td>BLDG. CANOPY REDUCED / SITE REDESIGNED</td> </tr> <tr> <td>7</td> <td>10/17/07</td> <td>RESIDENTIAL LANDSCAPE BUFFER INCREASED</td> </tr> <tr> <td>8</td> <td>10/17/07</td> <td>RESIDENTIAL LANDSCAPE BUFFER INCREASED</td> </tr> <tr> <td>9</td> <td>10/29/07</td> <td>REVISED PER TOWN COMMENTS</td> </tr> <tr> <td>10</td> <td>11/16/07</td> <td>REVISED PER TOWN COMMENTS</td> </tr> </table>		REV.	DATE	COMMENT	1	11/29/06	BLDG. FOOTPRINT REVISED	2	11/29/06	REVISED PER CLIENT COMMENTS	3	12/29/07	REVISED PER CLIENT COMMENTS	4	4/19/07	REVISED PER IRI COMMENTS	5	6/20/07	TRUCK DELIVERY / MAPLE AVE ACCESS	6	7/20/07	BLDG. CANOPY REDUCED / SITE REDESIGNED	7	10/17/07	RESIDENTIAL LANDSCAPE BUFFER INCREASED	8	10/17/07	RESIDENTIAL LANDSCAPE BUFFER INCREASED	9	10/29/07	REVISED PER TOWN COMMENTS	10	11/16/07	REVISED PER TOWN COMMENTS	<p>CONSTRUCTION CHECK DATE</p>	
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ANY PERSON IS PROHIBITED FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE WRITTEN DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF THE FIRM. IN THE EVENT SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER OF THE FIRM MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)