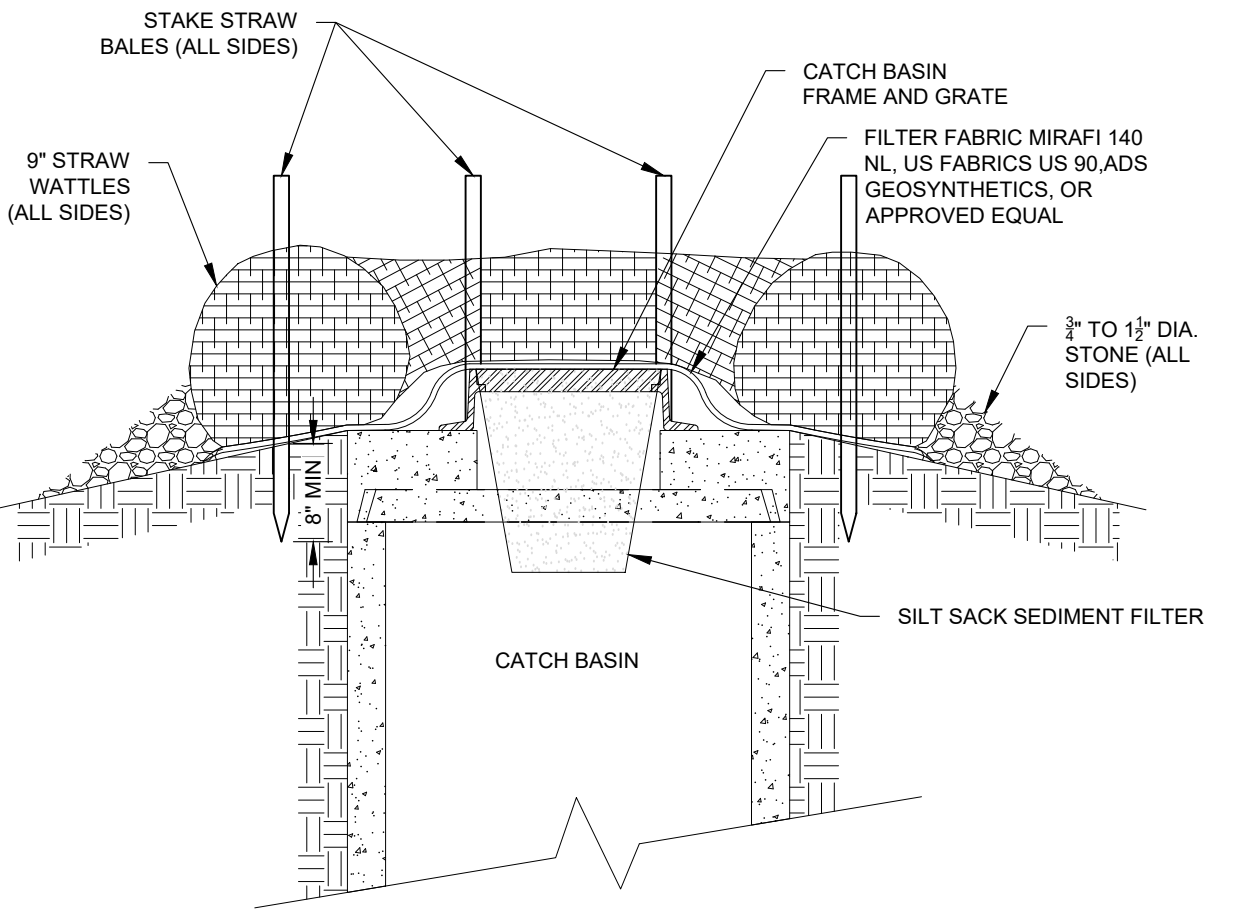
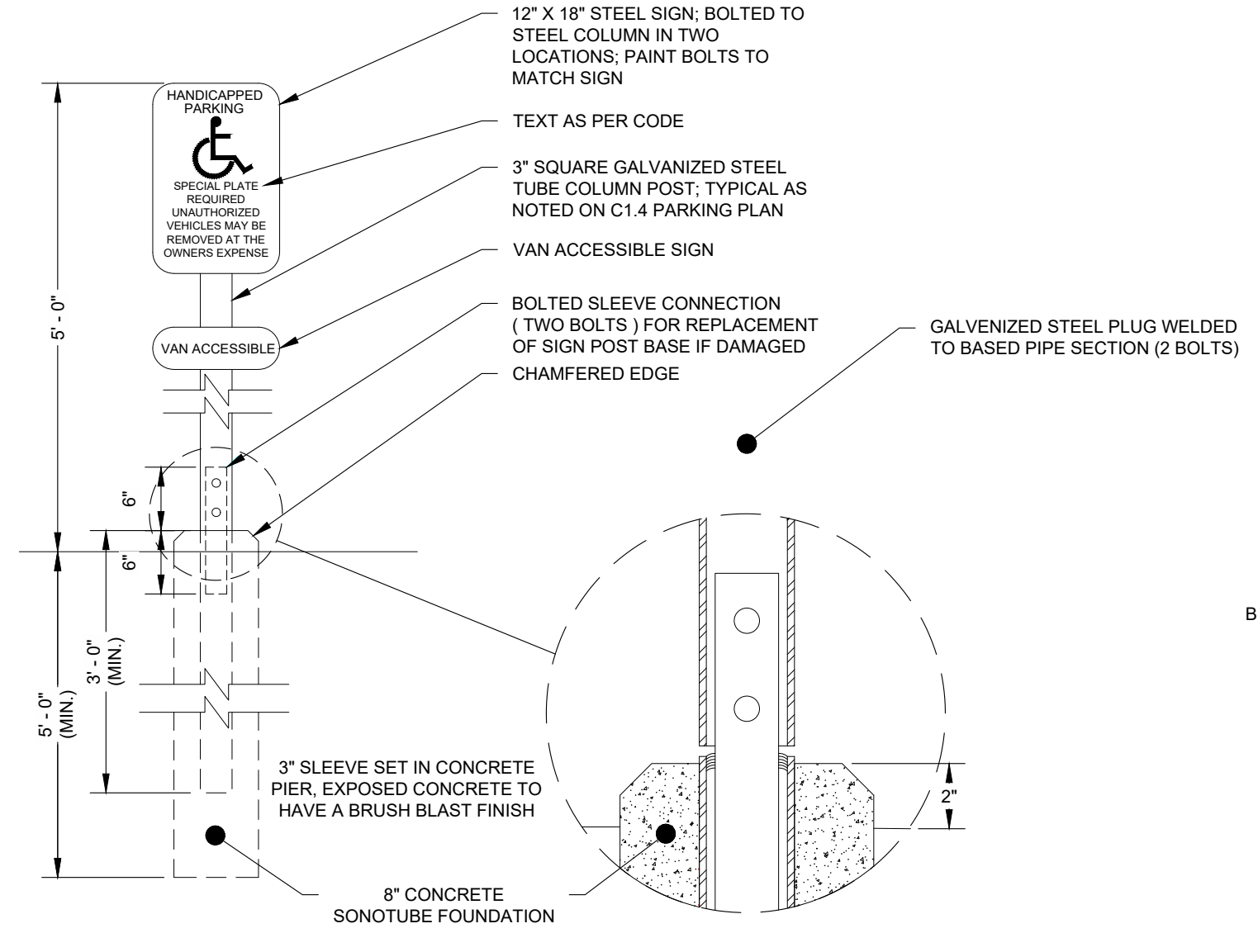


EROSION & SEDIMENTATION CONTROL NOTES

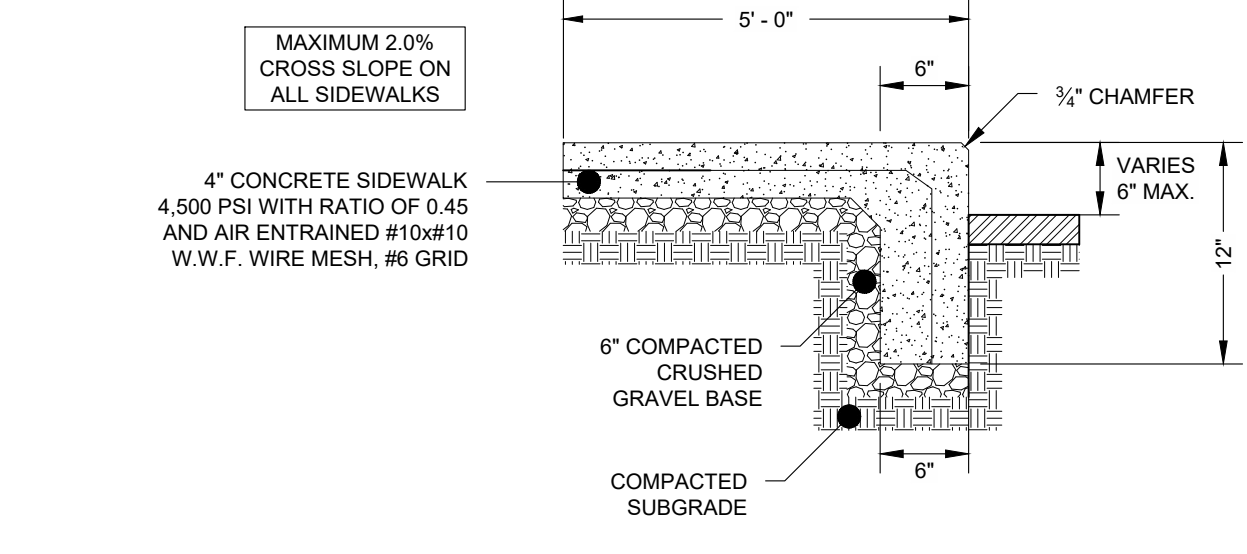
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL AND PROTECTION OF DRAINAGE STRUCTURES UNTIL COMPLETION OF SITEWORK AND ESTABLISHMENT OF VEGETATIVE GROUND COVER.
- THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING MEASURES DURING THE DAY TO DAY OPERATION AT THE SITE. THE SITE SHOULD BE POLICED DAILY TO REMOVE ANY LITTER OR DEBRIS.
- PRIOR TO CONSTRUCTION, INSTALL PERIMETER SEDIMENT BARRIER IN LOCATION(S) SHOWN ON PLAN. SEDIMENT BARRIER TO BE DOUBLE-STAKED STRAW BALES WITH SILT FENCE OR 12" STAKED COIR LOGS.
- TEMPORARY SOIL MATERIAL STOCKPILES SHALL BE SURROUNDED WITH SILTATION BARRIER ON THE DOWNGRADIENT SIDE TO PREVENT DISCHARGE OF SEDIMENT FROM SITE. MATERIAL STOCKPILES THAT ARE IN PLACE FOR AN EXTENDED PERIOD OF TIME SHALL BE STABILIZED WITH VEGETATION, MULCHING, EROSION CONTROL BLANKETS, AND OTHER MEASURES THAT ARE NECESSARY TO PREVENT THE DISCHARGE OF SEDIMENT FROM THE PROJECT SITE.
- IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS.
- LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- EXCEPT AS PROVIDED BELOW, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - 7A. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - 7B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- FOR SLOPES LESS THAN OR EQUAL TO 2H:1V, IF EXPOSED SLOPES CAN NOT BE STABILIZED WITH HYDROSEEDING/VEGETATION, NORTH AMERICAN GREEN SC150BN EROSION CONTROL BLANKETS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- FOR SLOPES > 2H:1V, < 1.5H:1V, NORTH AMERICAN GREEN SC 150 BN. EROSION CONTROL BLANKETS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

PRECAST CONCRETE CATCH BASIN NOTES:

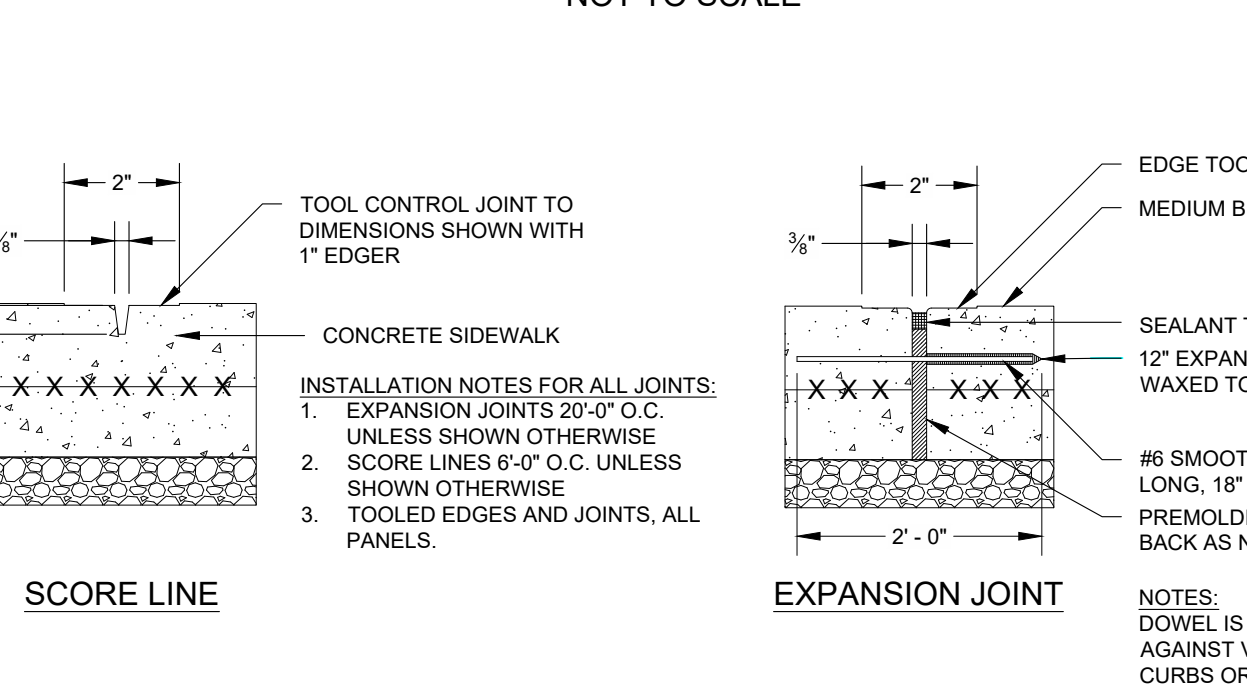
- ALL REINFORCING STEEL MUST CONFORM TO THE LATEST ASTM A185 AND/OR A615 GRADE 60. SEE TABLE 1 FOR STEEL REINFORCEMENT REQUIREMENT.
- STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MIN. OF 0.12 SQ. IN. LINEAL FT. (BOTH WAYS)
- CATCH BASIN SPECS. CONFORM TO THE LATEST ASTM C478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS"
- MORTAR SHALL CONFORM TO SECTION M4.02.15 OF THE MASSACHUSETTS D.P.W. STANDARD SPECS. FOR HIGHWAYS AND BRIDGES.
- PIPE TO CATCH BASIN CONNECTIONS SHALL BE MADE WITH NON-SHRINK GROUT OR HYDRAULIC CEMENT. ONE FOUR INCH DIA. BASE SECTION.
- ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS, CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
- RED CLAY BRICK SHALL CONFORM WITH SECTION M4.05.2 CLAY BRICK OF MASSACHUSETTS D.P.W. STANDARD SPECS. FOR HIGHWAY AND BRIDGES.
- FILTER FABRIC SHALL BE SET UNDER CATCH BASIN GRATES TO PREVENT SILTATION TO THE BASINS UNTIL SITE HAS BEEN STABILIZED.



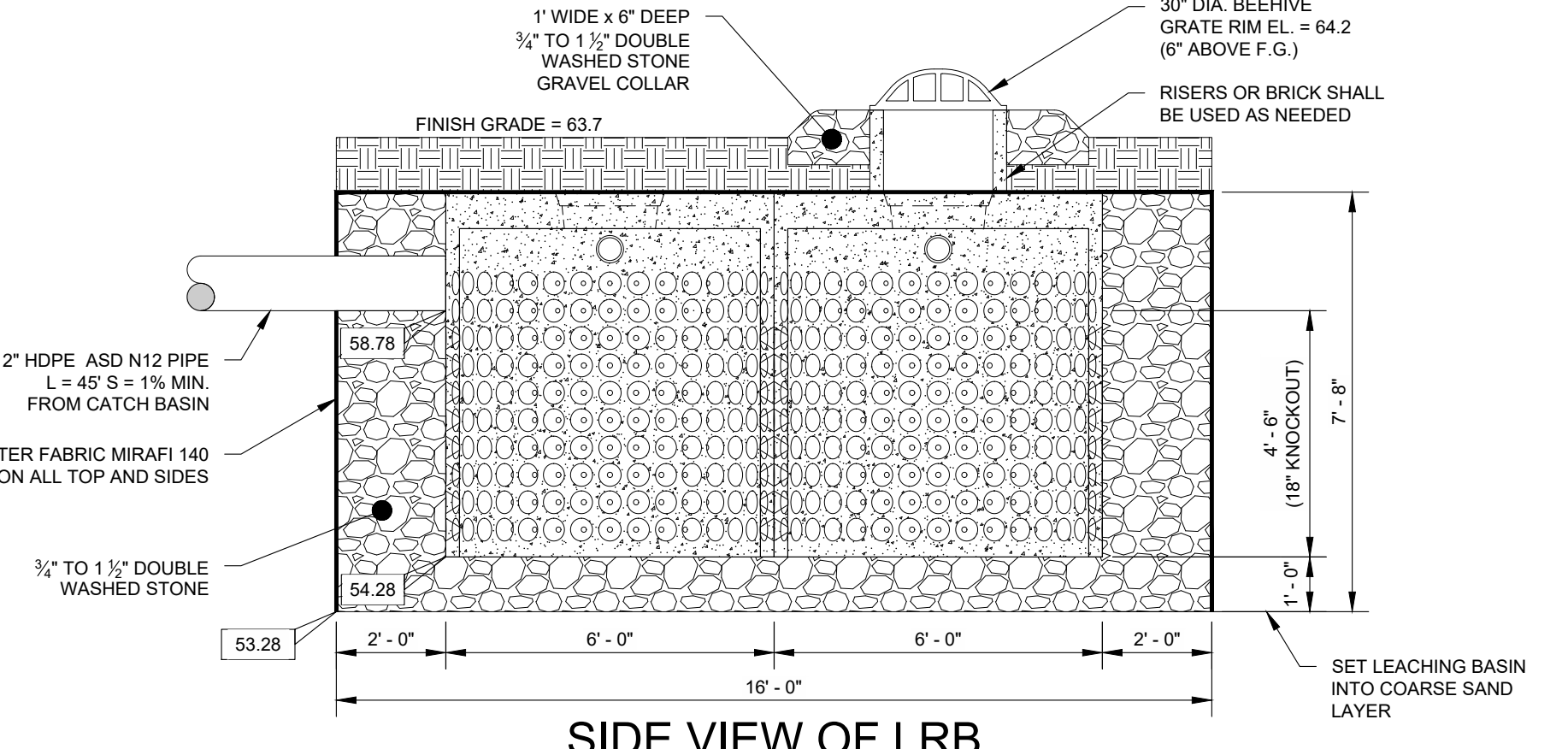
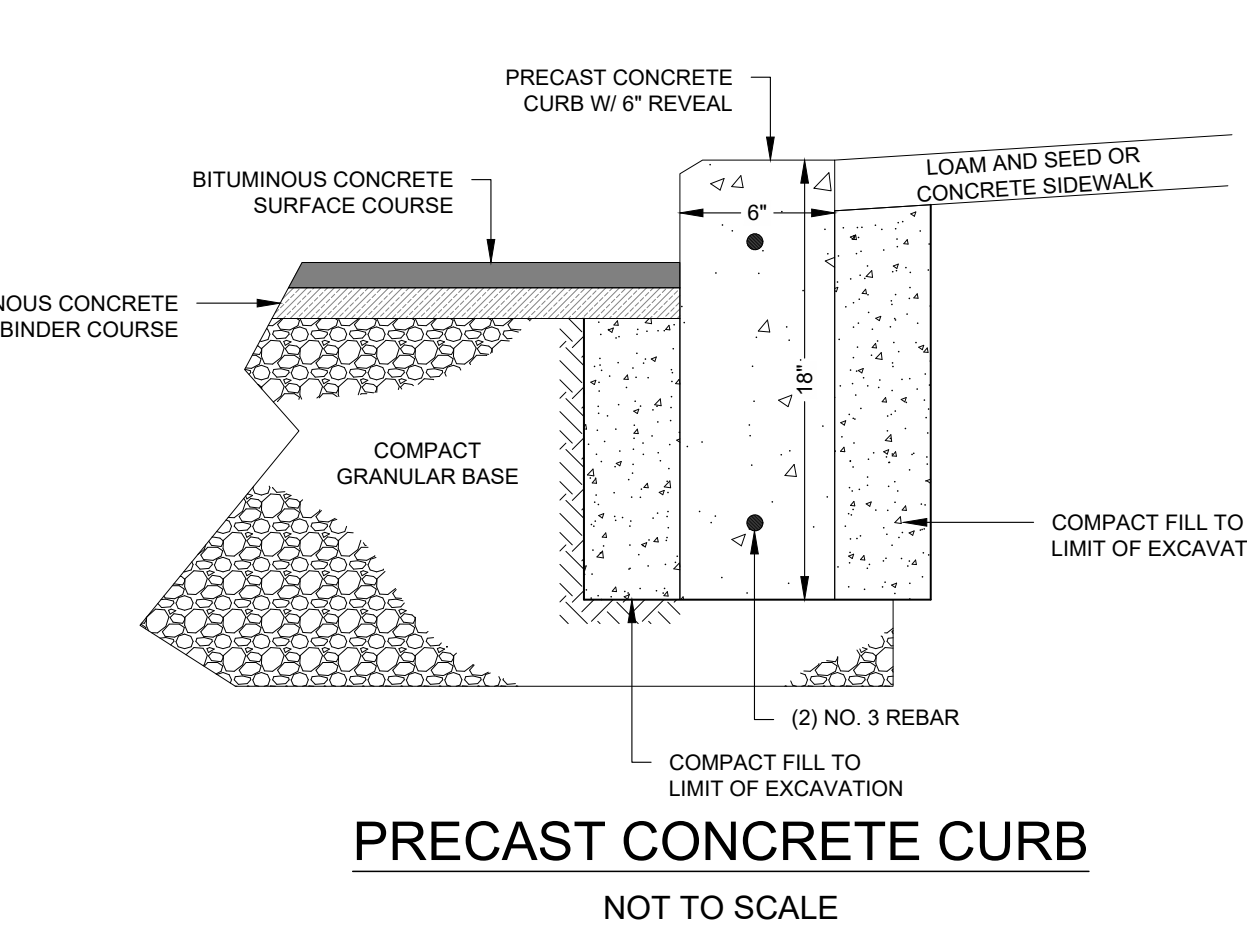
- INLET PROTECTION NOTES:**
- ENCLOSE STRUCTURE WITH STRAW BALES OR RICE STRAW ROLLS IMMEDIATELY AFTER CATCH BASIN CONSTRUCTION. MAINTAIN UNTIL A PAVING BINDER COURSE IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.
 - IF GRATE IS AGAINST EXISTING CURB THEN STRAW WATTLES ARE TO BE PLACED AROUND THREE SIDES OF GRATE ONLY. GRATE TO BE PLACED OVER FILTER FABRIC.
 - IN PLACES WHERE EXISTING CATCH BASIN IS SURROUNDED BY PAVEMENT, A SILT SACK SEDIMENT FILTER IS TO BE PLACED UNDER CATCH BASIN GRATE.
 - WATTLES SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, REPAIR AND/OR REPLACEMENT SHALL BE PERFORMED PROMPTLY IF NEEDED.



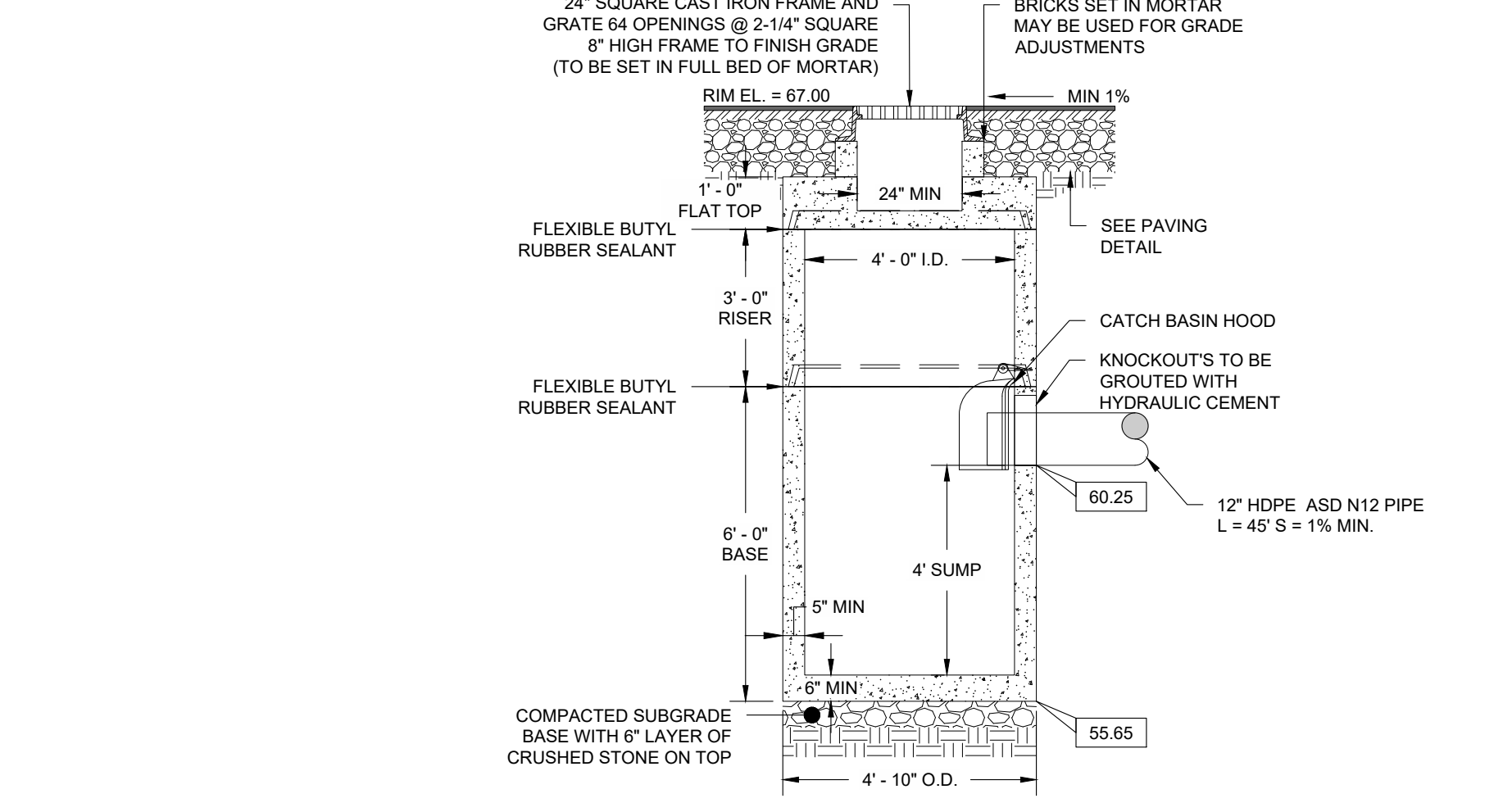
CONCRETE WALKWAY WITH CONCRETE CURB



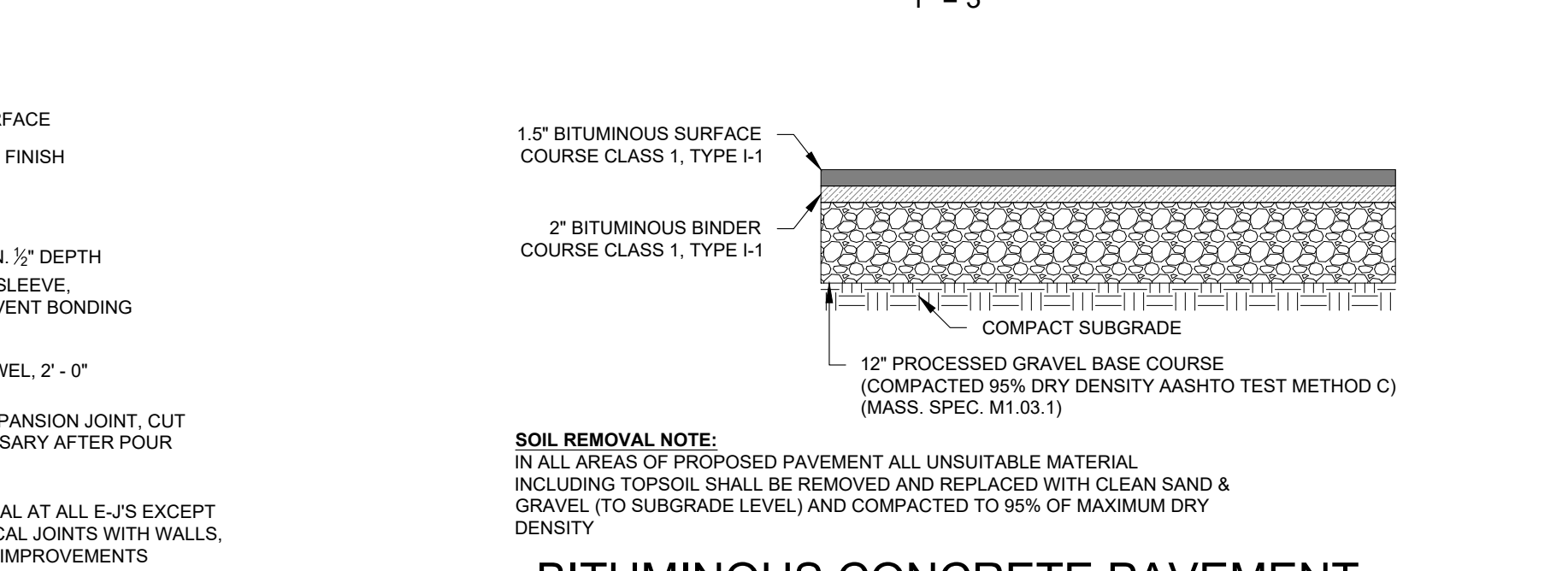
EXPANSION AND CONTROL JOINTS



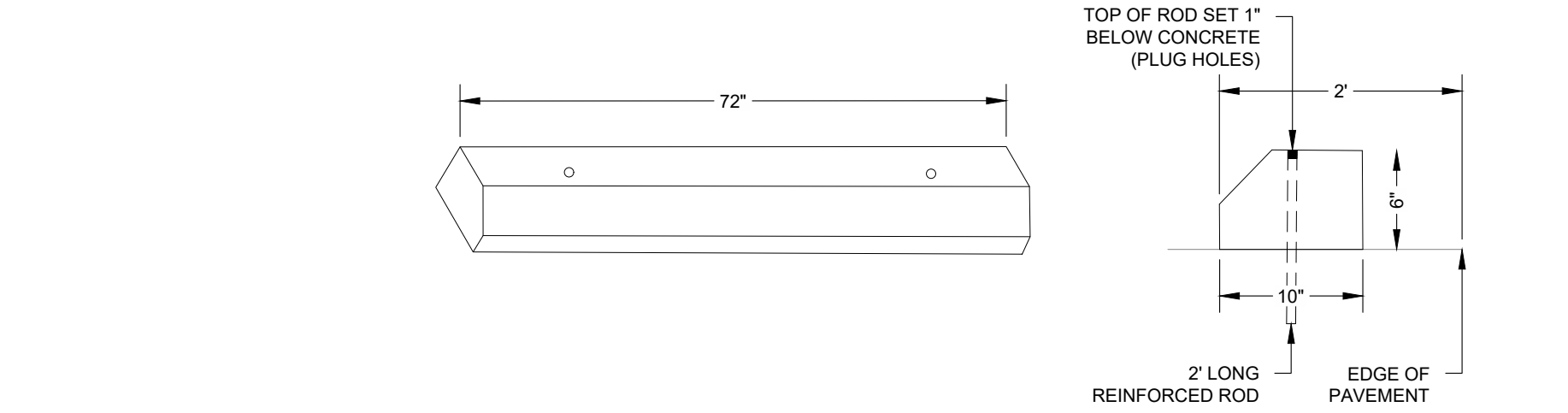
SIDE VIEW OF LRB



DEEP SUMP CATCH BASIN



BITUMINOUS CONCRETE PAVEMENT



CONCRETE WHEEL STOP DETAIL

**ISSUED FOR PERMITTING ONLY
NOT FOR CONSTRUCTION**

NO.	DATE	REVISION



HARWICH, MA
CAPE COD FIVE CENTS SAVINGS BANK
SITE DETAILS

PROJECT	129 ROUTE 137
SCALE	SEE DETAILS
DRAWING FILE	C19754-CIV.dwg
DATE	03-22-2022
DRAWN BY	DAV
CHECKED BY	SMR/BJW

C2.4.1
2 OF 2 SHEETS
PROJECT NO. C19754.00

F:\S\SKPROJ\C19754\C19754-CIV.dwg 3/22/2022 9:43 AM