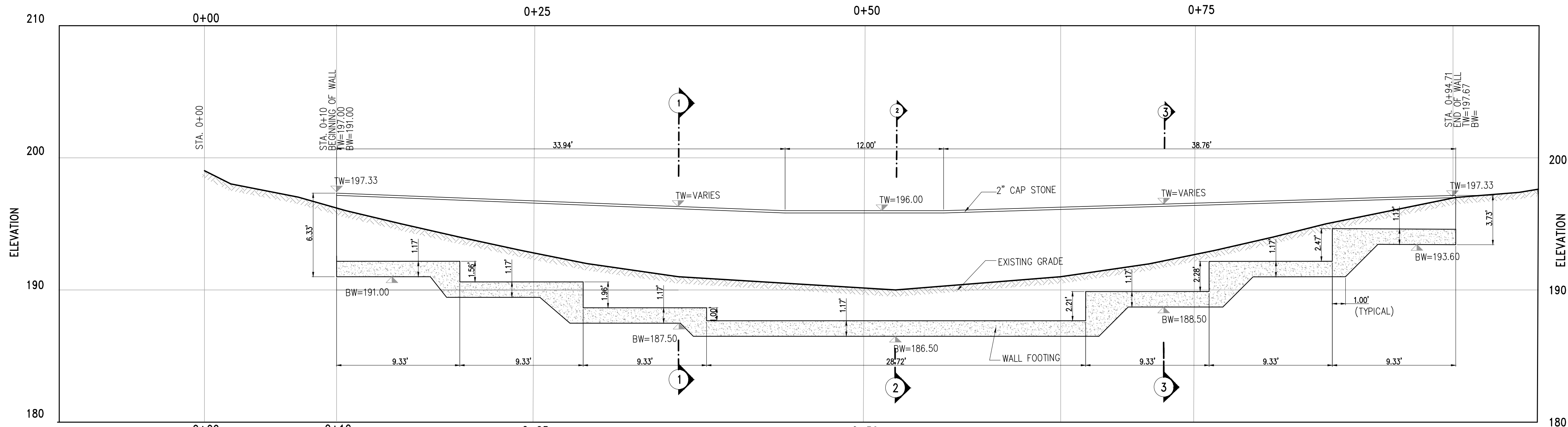
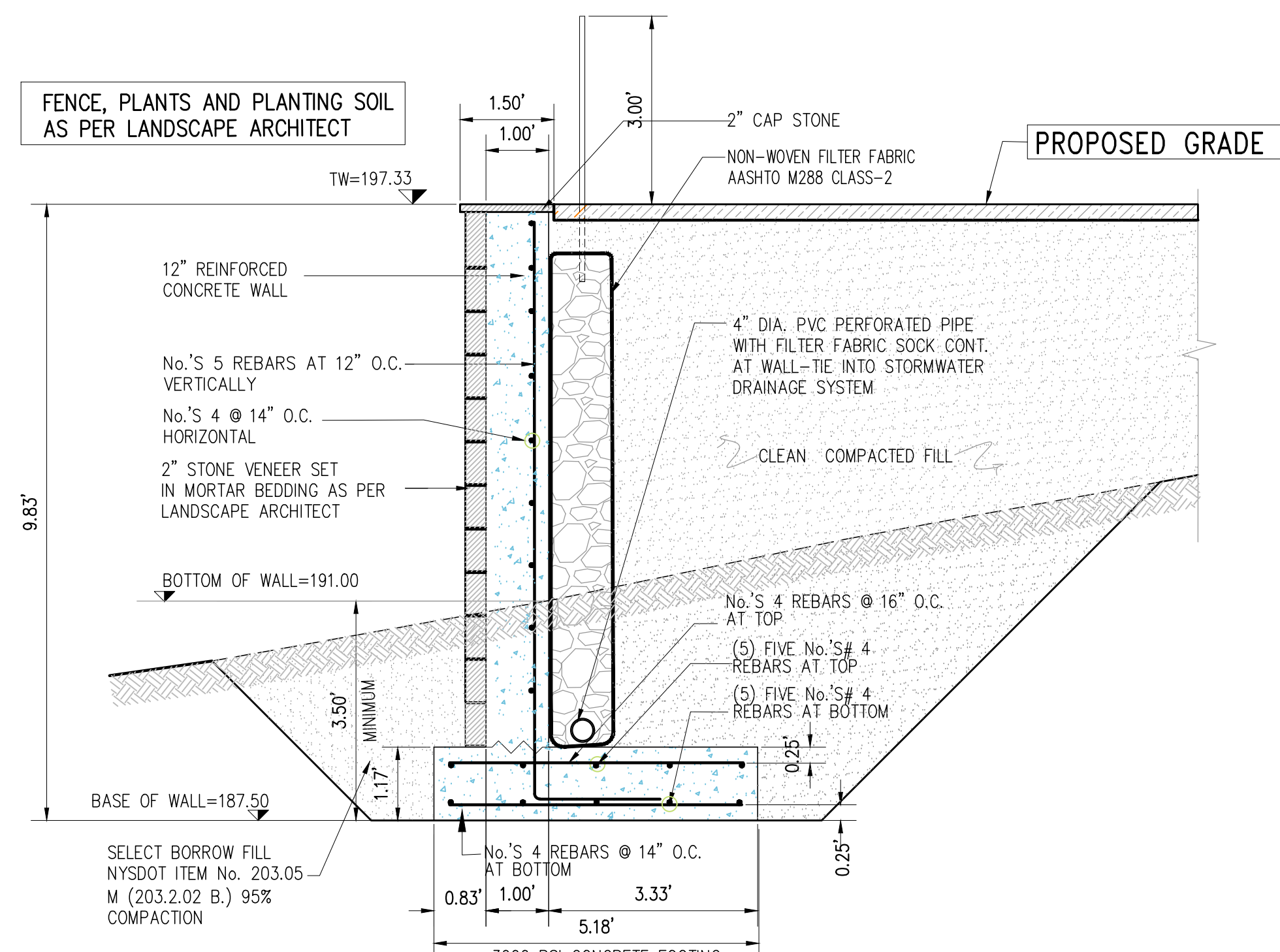
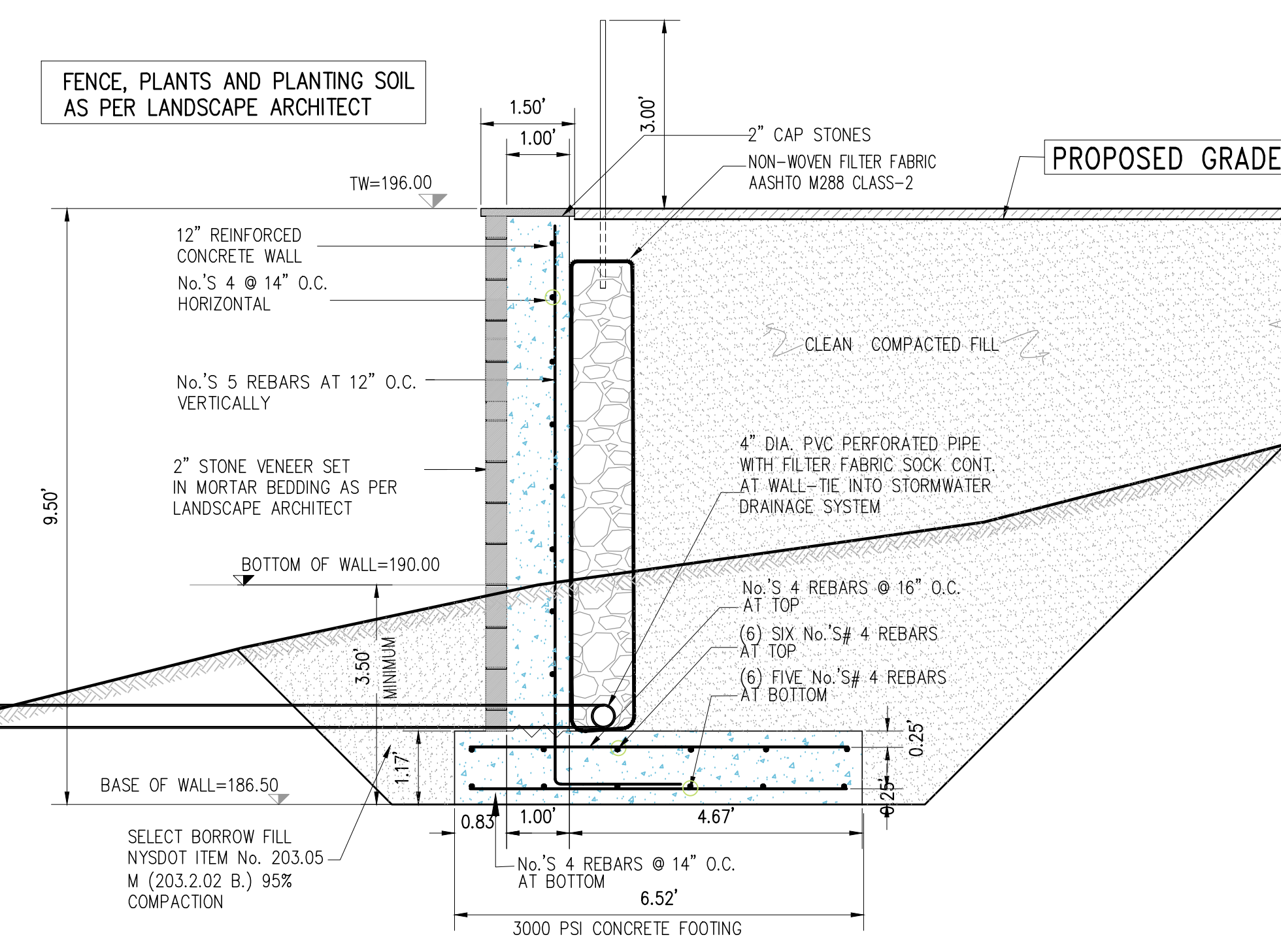




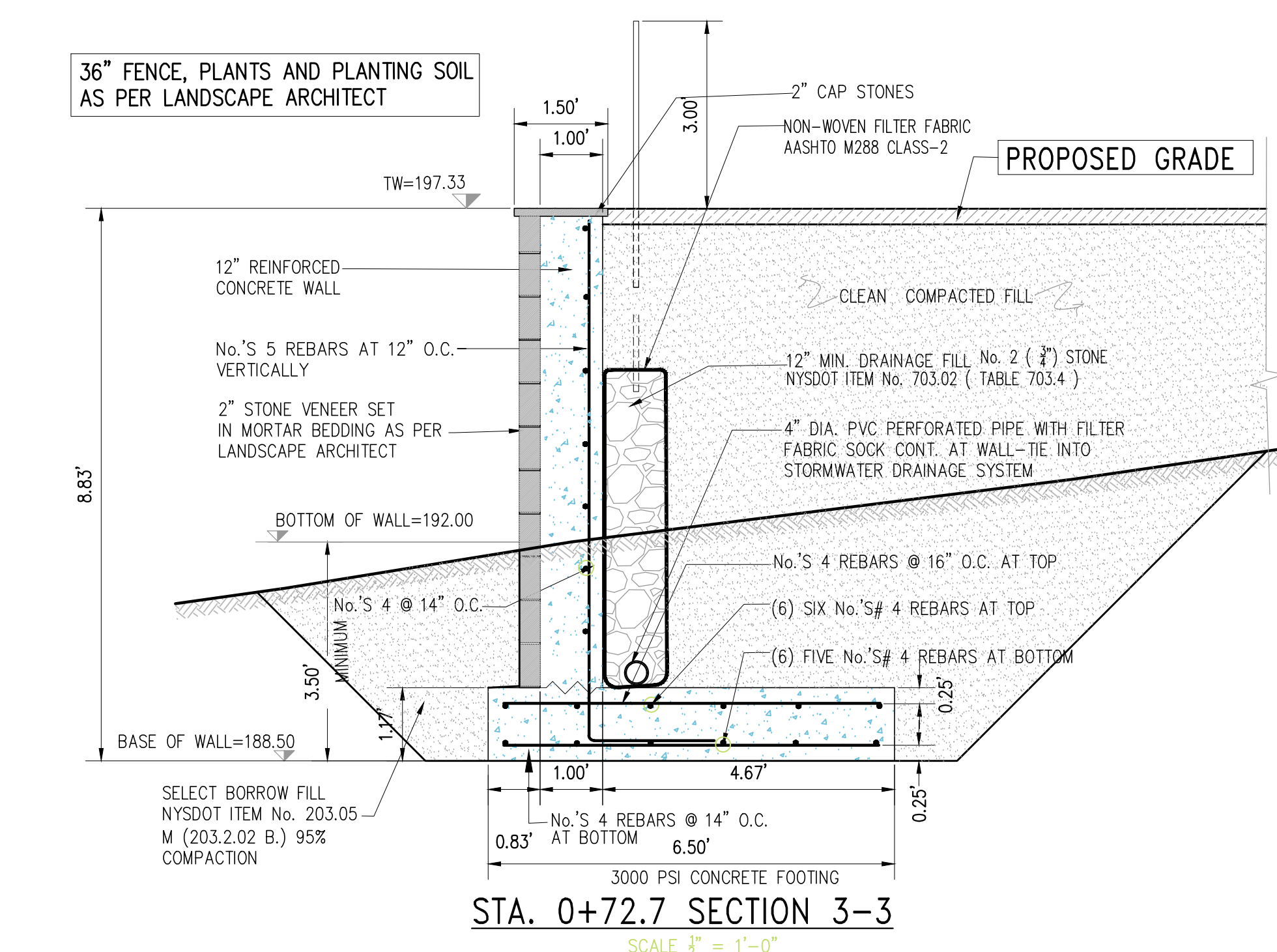
PROFILE OF WALL 1
HORIZONTAL SCALE: 1"=5'
VERTICAL SCALE: 1"=5'



STA. 0+35.9 SECTION 1-1
SCALE 1" = 1'-0"



STA. 0+52.4 SECTION 2-2
SCALE 1" = 1'-0"



STA. 0+72.7 SECTION 3-3
SCALE 1" = 1'-0"

CONCRETE NOTES RETAINING WALL

1. ALL CONCRETE WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE CODE (ACI 318) AND THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS "STANDARD SPECIFICATIONS" JANUARY 1, 2016, SECTION 500 PORTLAND CEMENT CONCRETE AND NYSDOT MATERIALS BUREAU ALBANY, NY MATERIAL METHODS 9.2 FIELD INSPECTION OF PORTLAND CEMENT CONCRETE, MM9.2, DATED FEBRUARY 2012.

2. SET AND BUILD INTO CONCRETE WORK ALL WEEP HOLES ANCHORAGES, SLEEVES OTHER EMBEDDED ITEMS.

MATERIALS

3. CONCRETE FOR THE CONSTRUCTION OF THE WALL SHALL BE NYSDOT CLASS A STRUCTURAL CONCRETE IN ACCORDANCE WITH TABLE-3 CONCRETE ADMIXTURES DESIGN MIX GUIDELINES.

ALL CONCRETE SHALL HAVE A MINIMUM 28-DAYS COMPRESSIVE STRENGTH OF 4,000 PSI AND SHALL AIR CONTENT IN THE RANGE OF 5.0-8.0 PERCENT.

CONCRETE SHALL BE A PUMP MIX; SLUMPS OVER THREE AND ONE-HALF INCHES (3-1/2") SHALL NOT BE PERMITTED UNLESS A WATER-REDUCING AGENT, A MILD-RANGE / HIGH RANGE WATER REDUCING AGENT (HRWR) ADMIXTURE (SUPERPLASTICIZER) IS USED THE MAXIMUM SLUMP IS OF 2 INCHES-3 INCHES BEFORE THE ADDITION SUPERPLASTICIZER AND NOT EXCEED EIGHT INCHES (8") AFTER THE ADDITION OF SUPERPLASTICIZER.

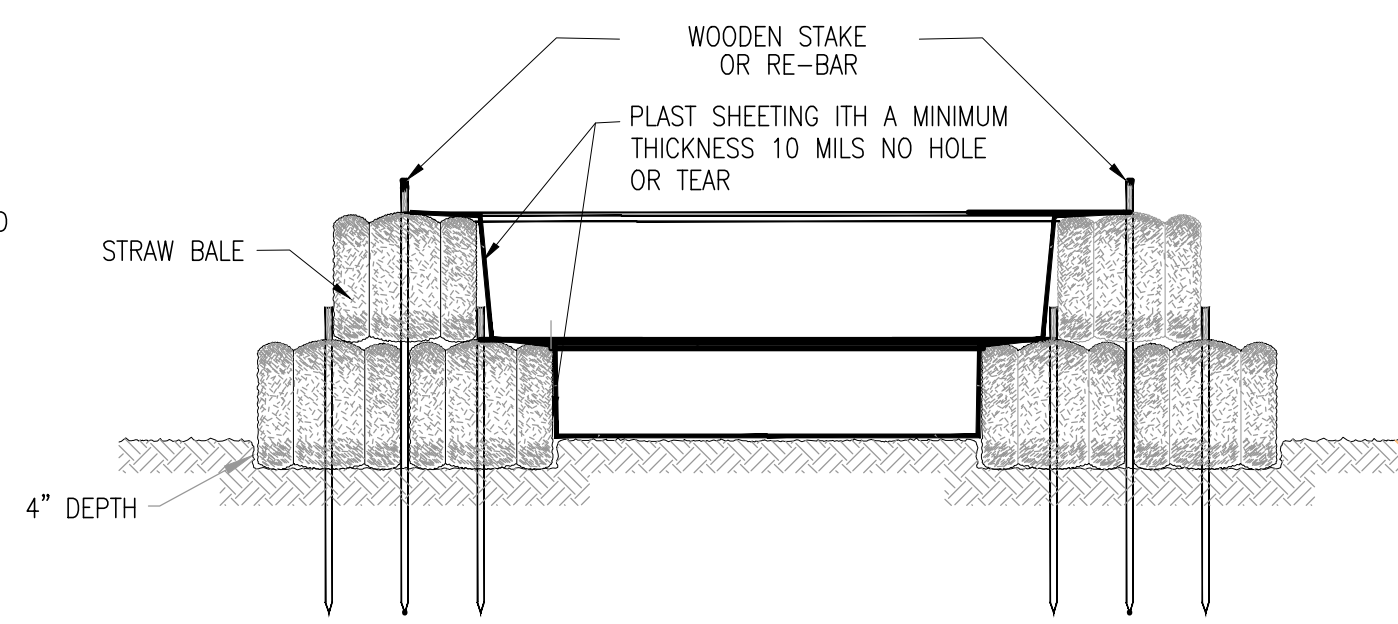
MID-RANGE/ HIGH RANGE WATER REDUCING ADMIXTURE - PISTOL 341, OR AN APPROVAL EQUAL.

AIR ENTRAINING AGENT - EUCON AIR MIX 250 OR AN APPROVED EQUAL.

NORMAL WEIGHT AGGREGATE, AGGREGATE GRADATION IN ACCORDANCE WITH TABLE 502-1 COARSE AGGREGATE GRADATION, 3/4".

ALL ADMIXTURES SHALL CONTAIN NO MORE CHLORIDE IONS THAN ARE PRESENT IN THE MUNICIPAL WATER SUPPLY.

ALL REINFORCING STEEL SHALL BE DEFORMED REINFORCEMENT GRADE 60 STEEL UNCOATED DOMESTIC CONFORMING TO ASTM A615.



INSTALLATION & MAINTENANCE NOTES

1. PLACE BALES OF STRAW WITH ENDS TIGHTLY ABUTTING OTHER BALES TO SURROUND THE PIT. MAINTAIN A 72" SQUARE OPENED PIT. WHERE SLOPE AND SPACE PERMIT, ESTABLISH THE LINE OF BALES. ANCHOR BALES IN PLACE BY DRIVING REBARS OR 2" x 2" STAKES THROUGH THE BALES. THERE SHALL BE A MINIMUM OF TWO STAKES PER BALE.
2. NON-WOVEN FILTER FABRIC SHALL BE PLACED AT THE BOTTOM OF THE PIT, AND RUN UP TO THE STAKES OF THE SECOND TIER OF HAYBALES, AND SECURED. THE FABRIC SHALL OVERLAP 12" AT ALL JOINTS.
3. SEDIMENT SHALL BE REMOVED AND THE PIT RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE PIT. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER SO THAT IT WILL NOT ERODE.
4. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
6. THE WASHOUT PIT SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONCRETE PLACEMENT OPERATIONS ARE COMPLETED.

CONCRETE TRUCK WASHOUT PIT

