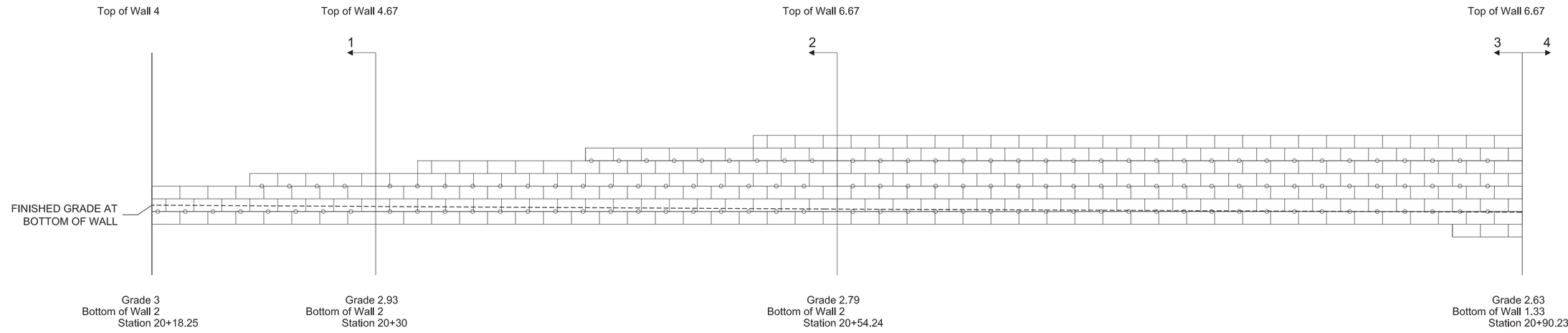
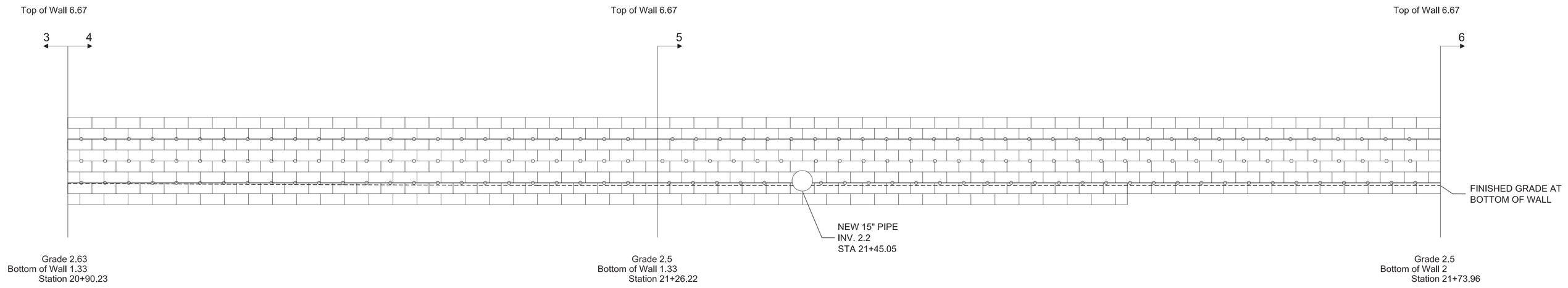
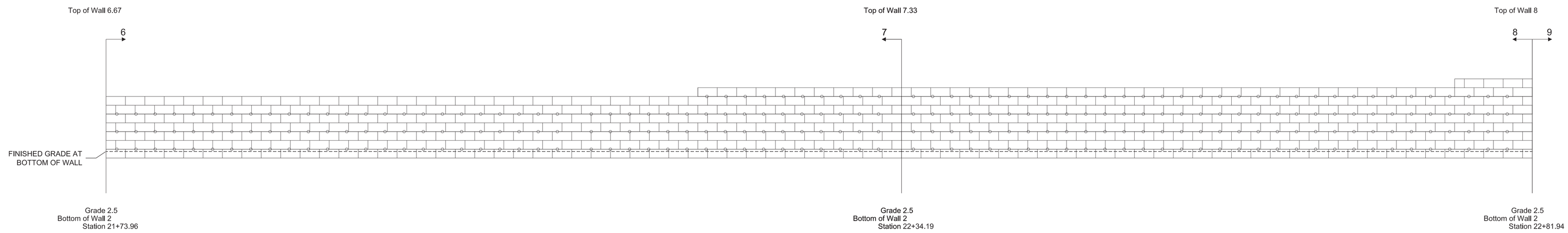
**REFER TO PLAN PAGES CG-02 AND CG-03 GRADING AND DRAINAGE PLANS FOR REFERENCE LOCATION OF RETAINING WALL**

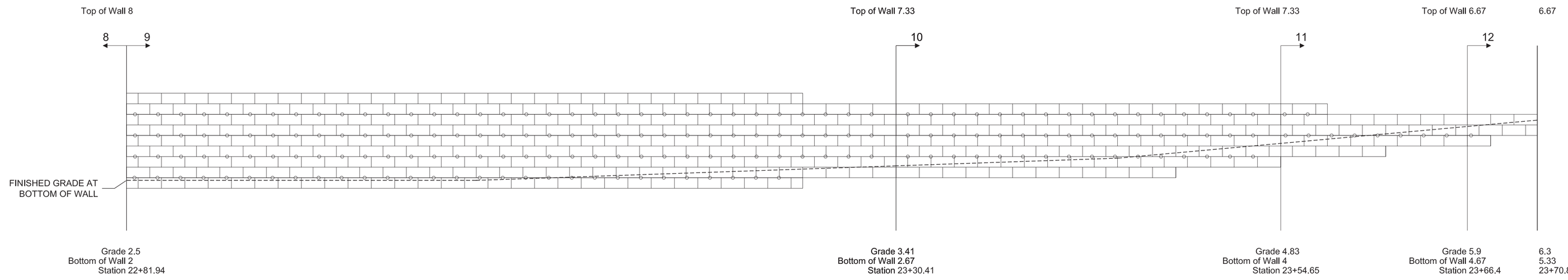
**FRANKLIN CENTER LINE STATIONS ARE REFERENCED AT THE TOP BACK OF WALL.**

**A - Strata SG 200**




| Revisions | Date |
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**FRANKLIN BLVD. REALIGNMENT/ SOUTHERN PARKING**

**CONSTRUCTION DRAWINGS 2 (100%)**

HAMPTON
DEPARTMENT OF VETERANS AFFAIRS

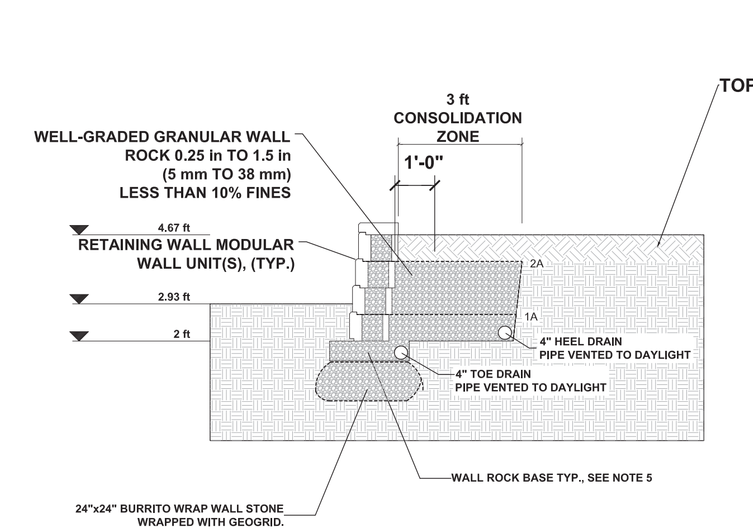
**Drawing Title**
**RETAINING WALL: ELEVATION**
SCALE: 1/4" = 1'-0"

**Project Title**
**CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING**

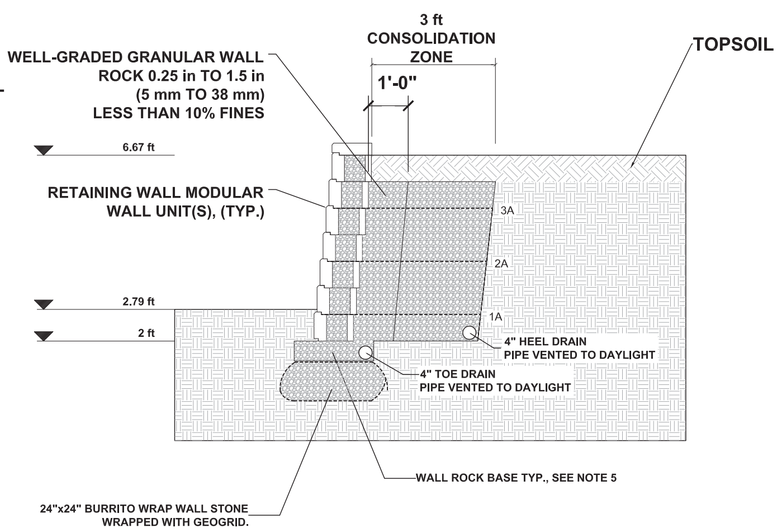
**Location** HAMPTON, VIRGINIA
**Building No.** -----
**Checked by:** EBS
**Drawn by:** DMT

**Date** 09/17/2014
**Project No.** 590-13-102
**SS-01**
SHEET 55 OF 56

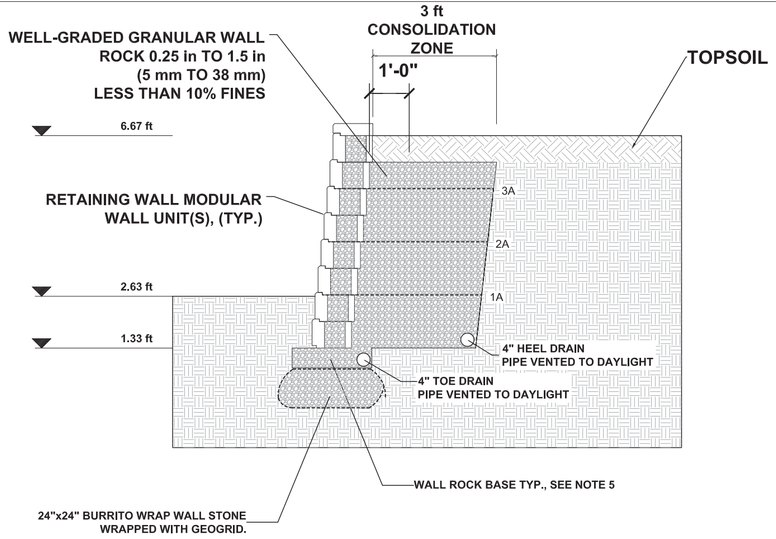
Department of Veterans Affairs




## Section 1: STA 20+18.25 - 20+30




## Section 2: STA 20+30 - 20+54.24




## Section 3: STA 20+54.24 - 20+90.23

WELL-GRADED GRANULAR WALL ROCK 0.25 in TO 1.5 in (5 mm TO 38 mm) LESS THAN 10% FINES, 12" MIN. OF BACKFILL

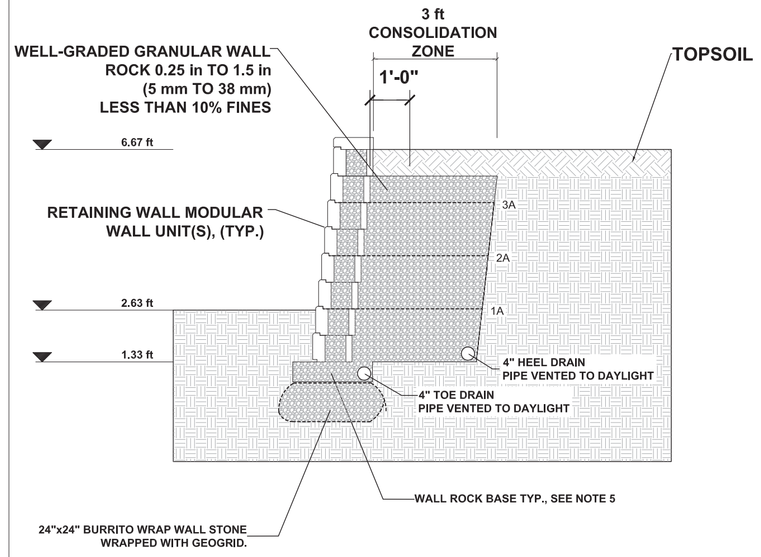
SOIL / RETAINED SOIL

A - Strata SG 200

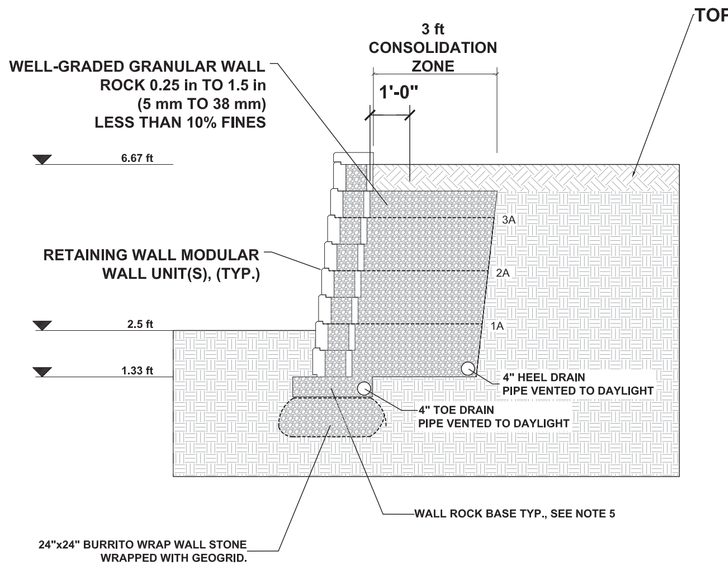
GEOGRID REINFORCEMENT TYPE - STRATA 200 (OR EQUIVALENT)

**ADDITIONAL NOTES:**

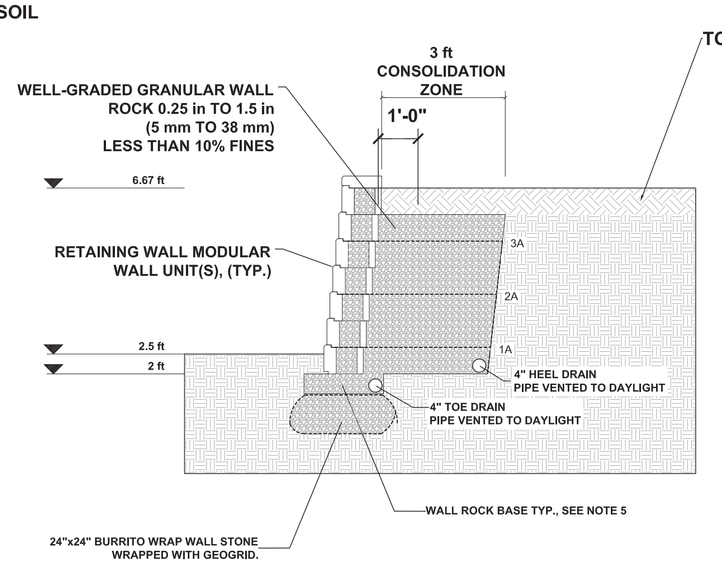
1. Setback distance is approximate and does not consider curves, radii or corners.
2. Geogrids placed in the slope above the wall are used in the internal compound stability calculations and in the contributory area calculation of the top wall geogrid.
3. Place the geogrid, in the reinforced base, at the height of one block from the bottom of the trench.
4. All geogrid length dimensions are minimum lengths that the geogrid must extend past the back face of the block.
5. Base of wall shall be 6" deep and 2' wide typical, U.N.O., with the stone extending 6" beyond the face of the first course of block.
6. For site configurations with bottoms of the base on a level plane a minimum one percent gradient shall be maintained on the placement of the toe and heel pipe. Pipe outlets shall be provided on 50' centers, or 100' centers if pipe is crowned between the outlets.



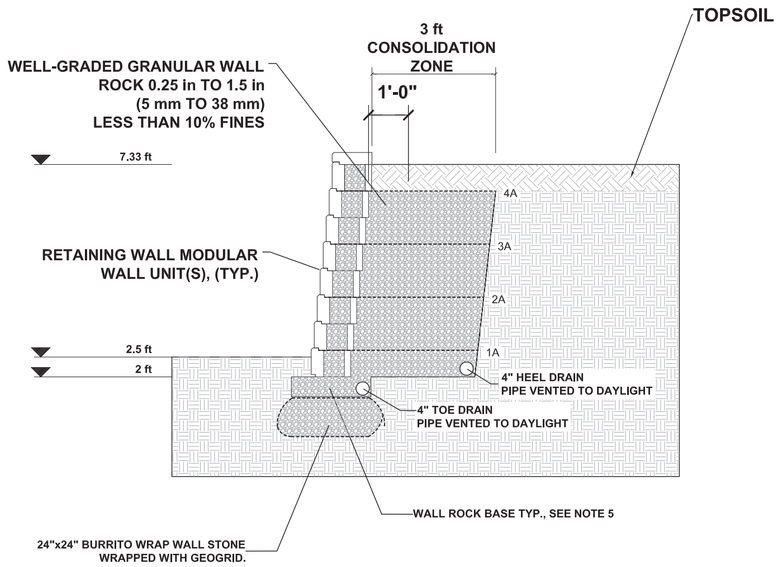

## Section 4: STA 20+90.23 - 21+26.22



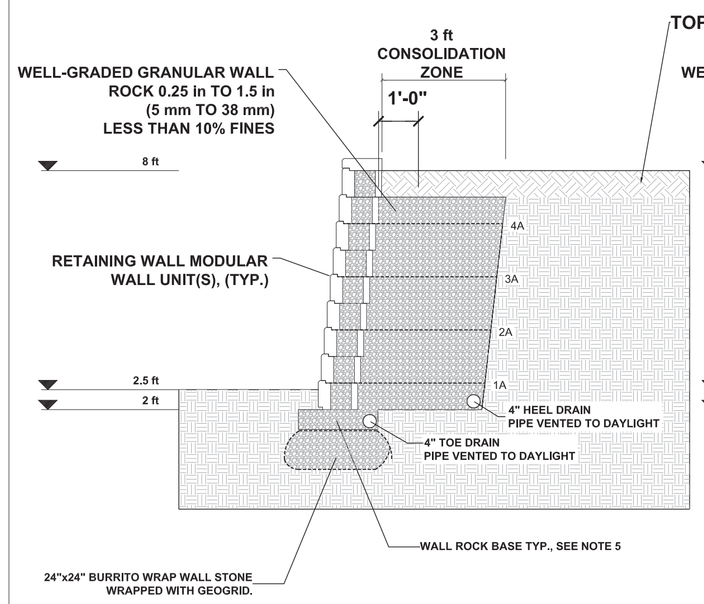

## Section 5: STA 21+26.22 - 21+73.96



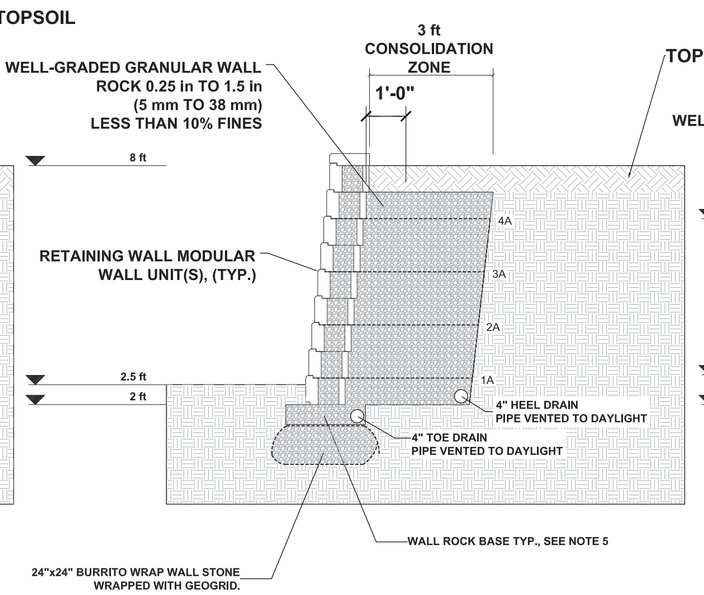

## Section 6: STA 21+73.96 - 22+09.95



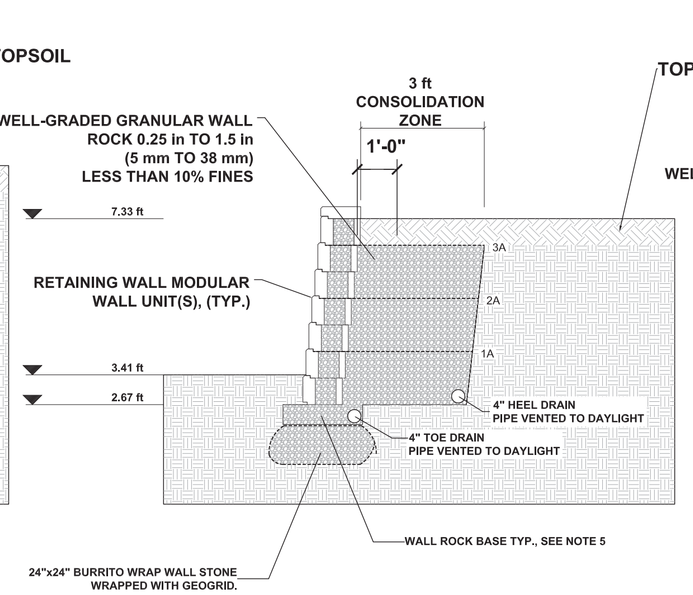

## Section 7: STA 22+09.95 - 22+34.19



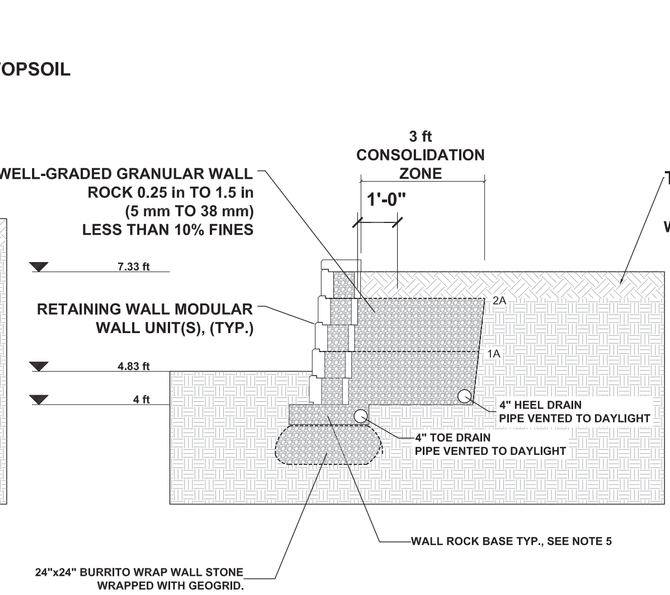

## Section 8: STA 22+34.19 - 22+81.94



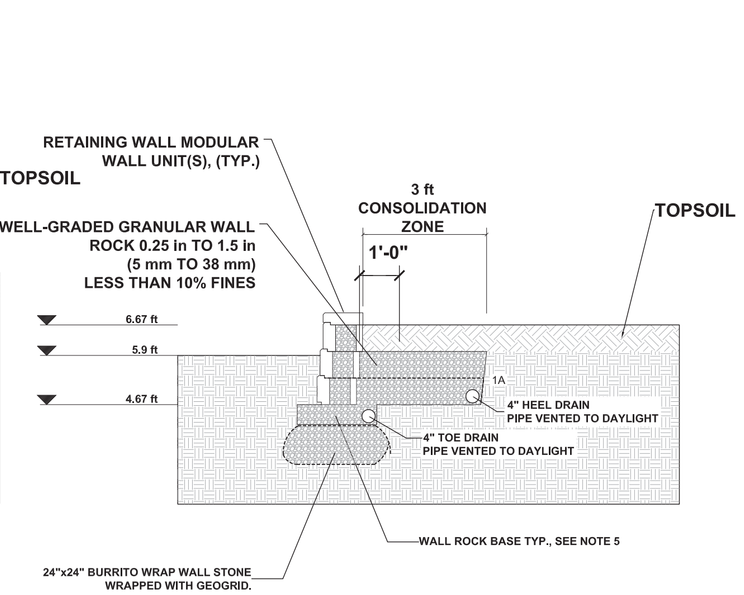

## Section 9: STA 22+81.94 - 23+30.41




## Section 10: STA 23+30.41 - 23+54.65




## Section 11: STA 23+54.65 - 23+66.4




## Section 12: STA 23+66.4 - 23+70.81

| Revisions | Date |
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**FRANKLIN BLVD. REALIGNMENT/ SOUTHERN PARKING**

CONSTRUCTION DRAWINGS 2 (100%)

HAMPTON
DEPARTMENT OF VETERANS AFFAIRS

**Drawing Title**
**RETAINING WALL: SECTION DETAILS**
SCALE: 3/8" = 1'-0"

**Project Title**
**CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING**

**Location** HAMPTON, VIRGINIA
**Building No.** -----
**Checked by:** EBS
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**Project No.** 590-13-102
**SS-02**
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Department of Veterans Affairs