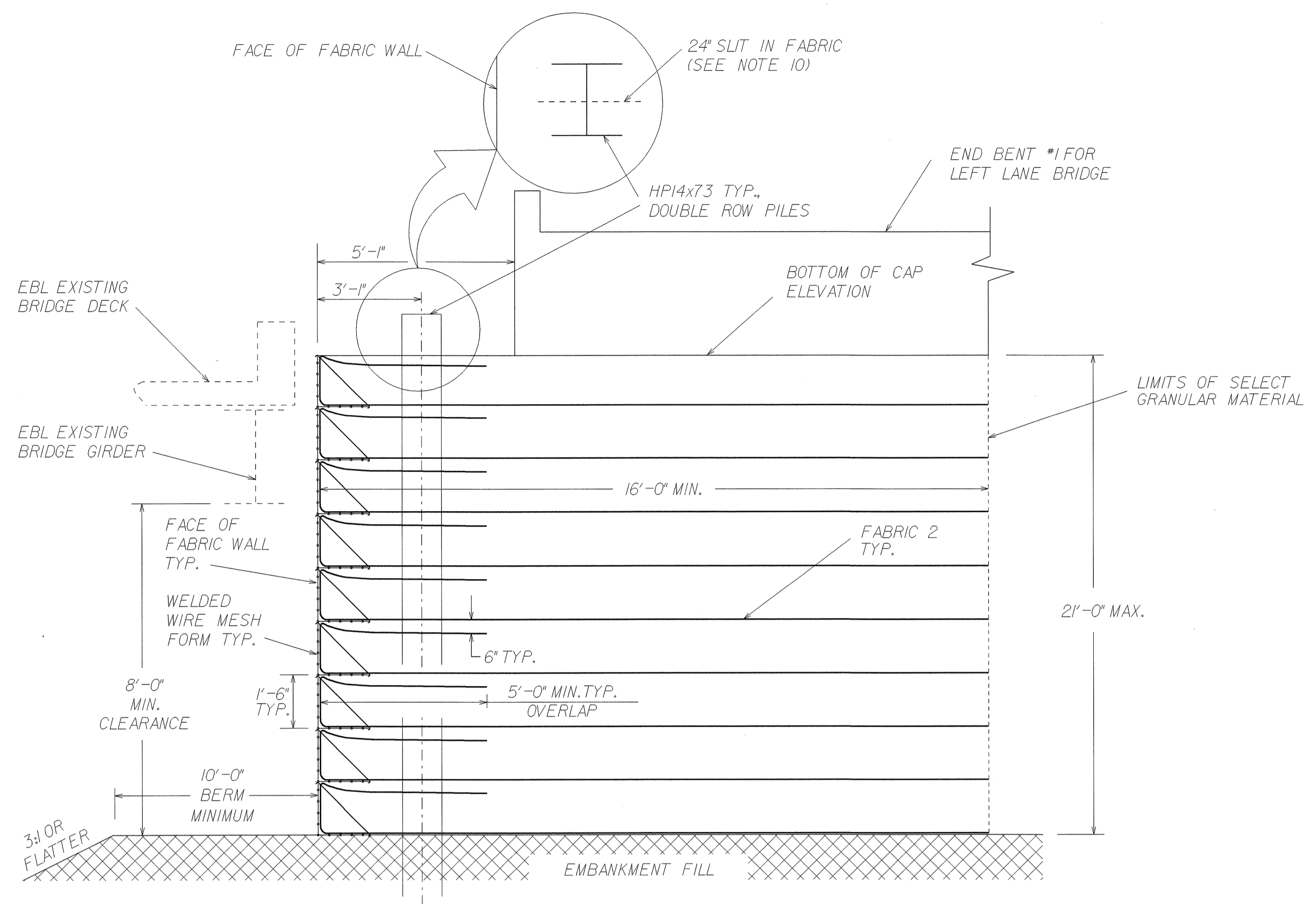
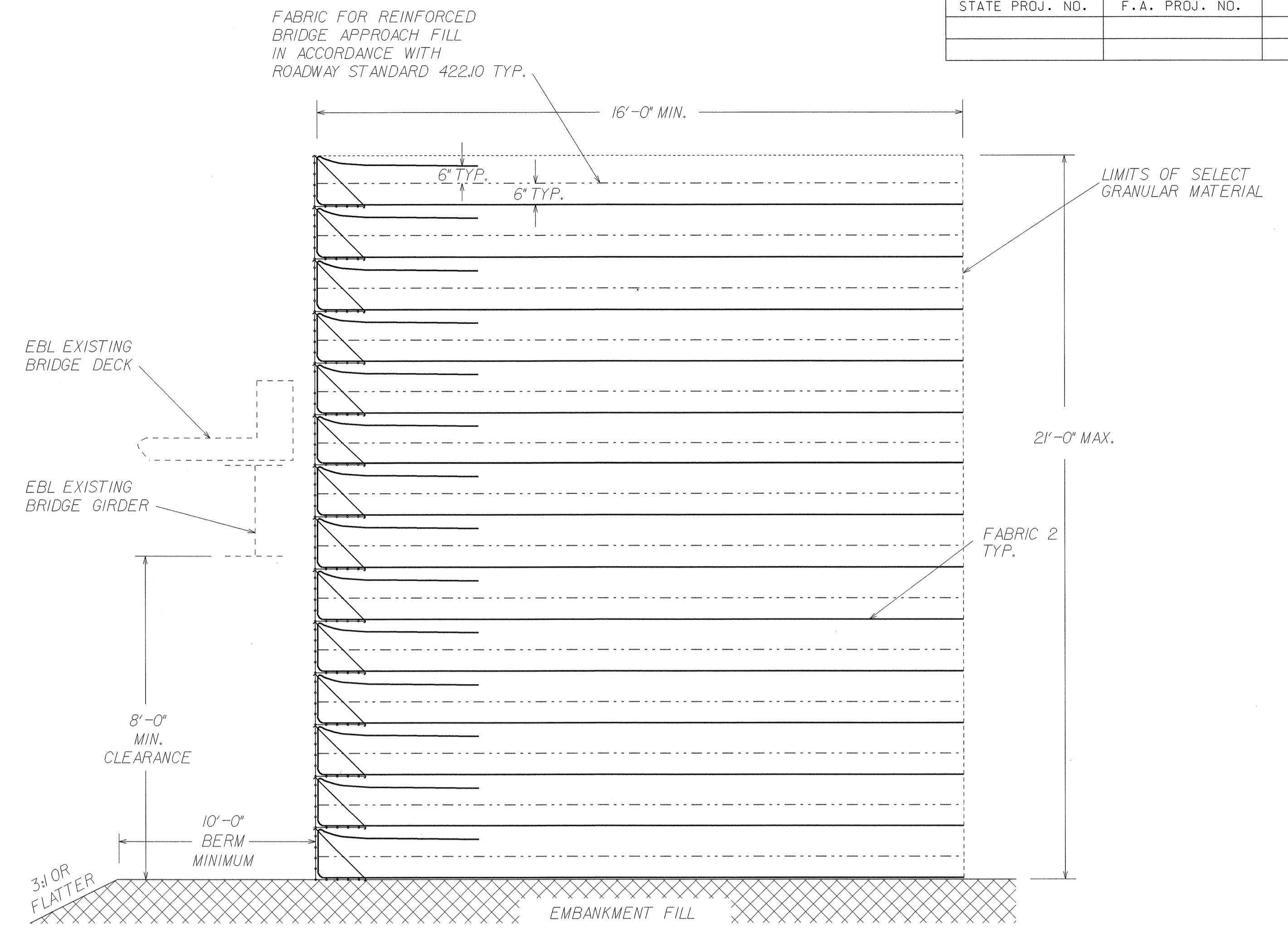


PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
B-3157	255	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION



SECTION B-B:
FABRIC WALL CROSS SECTION
FOR UNDER END BENT
(STA.28+50 -L- ± TO STA.28+80 -L- ±)
N.T.S.



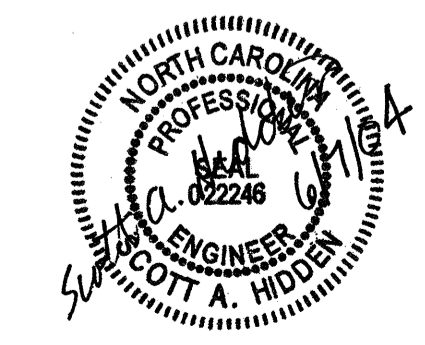
SECTION C-C:
TYPICAL FABRIC WALL CROSS SECTION
BEHIND END BENT
(STA.28+05 -L- ± TO STA.28+50 -L- ±)
N.T.S.

NOTE: SEE SECTION B-B FOR TYPICAL FABRIC WALL DETAILS NOT SHOWN.
BARRIER NOT SHOWN FOR CLARITY (SEE SECTION A-A).

NOTES:

- FABRIC 1 SHALL HAVE A MINIMUM WIDE WIDTH TENSILE STRENGTH OF 125 lbs/in IN THE WARP AND FILL DIRECTION (BASED ON ASTM-D4595) AT 5% ELONGATION AND A MINIMUM ULTIMATE WIDE WIDTH TENSILE STRENGTH OF 760 lbs/in IN THE WARP DIRECTION.
- FABRIC 2 SHALL HAVE A MINIMUM WIDE WIDTH TENSILE STRENGTH OF 230 lbs/in IN THE WARP AND FILL DIRECTION (BASED ON ASTM-D4595) AT 5% ELONGATION AND A MINIMUM ULTIMATE WIDE WIDTH TENSILE STRENGTH OF 1400 lbs/in IN THE WARP DIRECTION.
- LOCATIONS AND QUANTITIES PROVIDED ARE ONLY APPROXIMATE. EXACT LOCATIONS AND QUANTITIES SHALL BE DETERMINED IN THE FIELD.
- PROPER DRAINAGE AT THE TOP OF THE WALL SHALL BE AS DIRECTED BY THE ENGINEER.
- SELECT GRANULAR MATERIAL SHALL BE CLASS II IN ACCORDANCE WITH SECTION 1016 OF THE STANDARD SPECIFICATIONS.
- FABRIC WALL SHALL BE LEFT IN PLACE PERMANENTLY.
- THE CONTRACTOR MAY ELECT TO USE A FORMING SYSTEM TO CONSTRUCT THE TEMPORARY FABRIC WALL OTHER THAN THE WIRE MESH FORM SHOWN IN THESE PLANS; HOWEVER, THE ALTERNATE METHOD MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
- WHEN THE FINAL FILL IS PLACED IN FRONT OF THE WALL, UNFOLD THE TOP LAYER OF FABRIC AND INCORPORATE IT INTO THE FILL AS DIRECTED BY THE ENGINEER.
- THE FABRIC WALL SHALL BE BENCHED INTO THE SIDE OF THE EXCAVATION WHERE APPLICABLE AND AS DIRECTED BY THE ENGINEER.
- FABRIC SHALL BE SLIT 24 INCHES IN THE DIRECTION PERPENDICULAR TO THE FACE OF THE WALL TO FACILITATE DRIVING PILES 1 & 8 FOR END BENT 1, RIGHT LANE BRIDGE. THE SLITS SHALL BE CUT INTO ALL REINFORCING FABRIC (THE 5'-0" OVERLAP AS WELL AS THE CORRESPONDING REINFORCING LAYER). PILES 1 & 8 FOR END BENT 1, RIGHT LANE BRIDGE SHALL BE DRIVEN PRIOR TO DRIVING ANY PILES FOR END BENT 1 OF THE LEFT LANE BRIDGE.
- THE DRAINAGE BOXES AND PIPES WITHIN THE LIMITS OF THE SELECT GRANULAR MATERIAL SHALL BE INSTALLED AS THE TEMPORARY FABRIC WALLS ARE CONSTRUCTED. THE FABRIC WALLS SHALL BE PLACED AROUND ANY DRAINAGE BOXES AND PIPES AS DIRECTED BY THE ENGINEER.

PROJECT NO. B-3157
DAVIDSON COUNTY
STATION: SEE TYPICAL
SECTIONS



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
TEMPORARY FABRIC
WALL PLAN AND
DETAILS
SHEET 2 OF 2

DRAWN BY : A. SHAH DATE : 08/03
CHECKED BY : S. HIDDEN DATE : 08/03