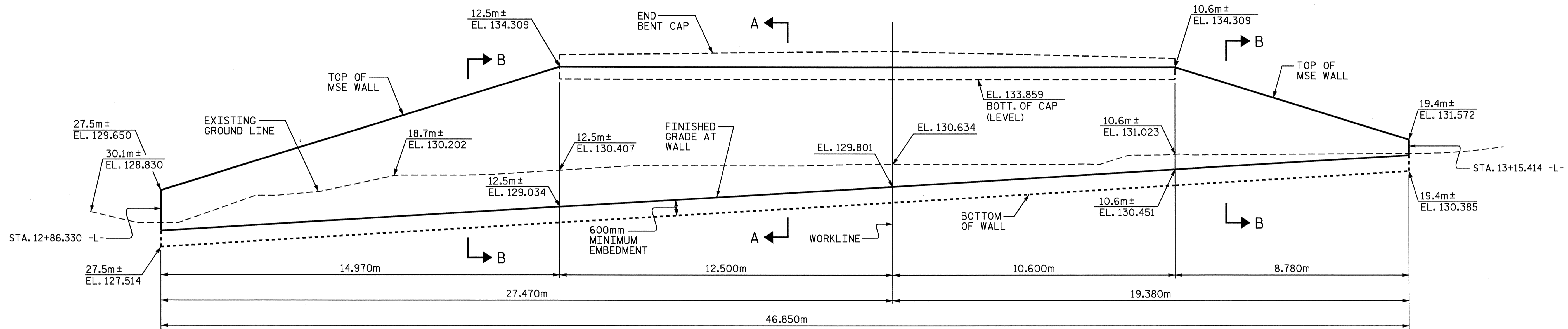


PLAN @ END BENT 2 (WALL 2)



FRONT FACE OF MSE RETAINING WALL 2

(NOTES CONTINUED)

SHOW DETAIL AND EXTENT OF SLOPE PROTECTION BETWEEN BRIDGE END BENT CAP AND WALL COPING.

IN ELEVATION VIEW, SHOW THE TOP OF WALL, THE EXISTING GROUND LINE, AND THE PROPOSED GROUND LINE. SHOW ELEVATIONS FOR THE TOP OF WALL AT VERTICAL BREAK POINTS, AND AT NO GREATER THAN 15 METER INTERVALS. LABEL WHETHER THE ELEVATIONS IS FRONT FACE OR BACK FACE.

SHOW A DETAIL FOR FABRIC AND SOIL ABOVE THE #57 STONE WHERE APPROPRIATE.

SHOW THE LIMITS OF SOIL REINFORCEMENT AND THE #57 STONE.

A MINIMUM OF 1.200m OF BERM IS REQUIRED IN FRONT OF THE WALL. GRADE BERM TO CARRY WATER AWAY FROM WALL.

SHOW THE WALL'S BEARING PRESSURE ON PLANS.

THE GROUNDWATER ELEVATION SHALL BE TAKEN AS THE EXISTING GROUND SURFACE ELEVATION.

SHOW DETAILS IN THE PLANS FOR SKEWING REINFORCING STRIPS OR MATS AROUND ANY OBSTRUCTIONS, SUCH AS PILES AT END BENTS, GUARDRAILS, PAVED DITCHES, PAVEMENT STRUCTURES, AND DRAINAGE STRUCTURES. SOIL REINFORCING MUST NOT BE IN CONTACT WITH ANY OBSTRUCTIONS.

FINAL PLANS MUST BE ON REPRODUCIBLE SHEETS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA.

SUBMIT PLANS, WORKING DRAWINGS AND CALCULATIONS, INCLUDING SAMPLE HAND-CALCULATIONS, FOR REVIEW AND APPROVAL WITHIN AN APPROPRIATE TURN AROUND TIME.

CONSTRUCT JOINTS IN COPING IN ACCORDANCE WITH ARTICLE 825-10 OF THE STANDARD SPECIFICATIONS. LOCATED JOINTS IN ALL EXPOSED FACES OF THE COPING, AT 3.000m MAXIMUM CENTERS, TO COINCIDE WITH PANEL JOINTS. EVERY THIRD JOINT SHALL BE AN EXPANSION JOINT. STOP REINFORCING STEEL 51mm OF EITHER SIDE OF EXPANSION JOINTS. OTHER JOINTS SHALL BE GROOVED CONTRACTION JOINTS, 13mm DEPTH.

NOTE ON CONTRACTOR'S WORKING DRAWINGS: "VERIFY BEARING CAPACITY OF THE WALL'S FOUNDATIONS SOILS IN THE FIELD."

NOTE ON CONTRACTOR'S WORKING DRAWINGS: "DRIVE PILES BEFORE BUILDING WALL."

ALL ELEVATIONS ARE IN METERS.

PROJECT NO. B-3256

WAKE COUNTY

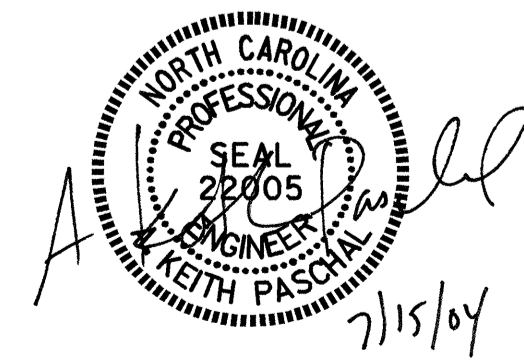
STATION: 12+92.508 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

MSE WALL ENVELOPE
@ END BENT 2
(WALL 2)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	W-2
1			3			TOTAL SHEETS
2			4			4



DRAWN BY : K. McCAULEY DATE : 10/29/03
CHECKED BY : A. K. PASCHAL DATE : 12/29/03