

BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT ABUTMENT

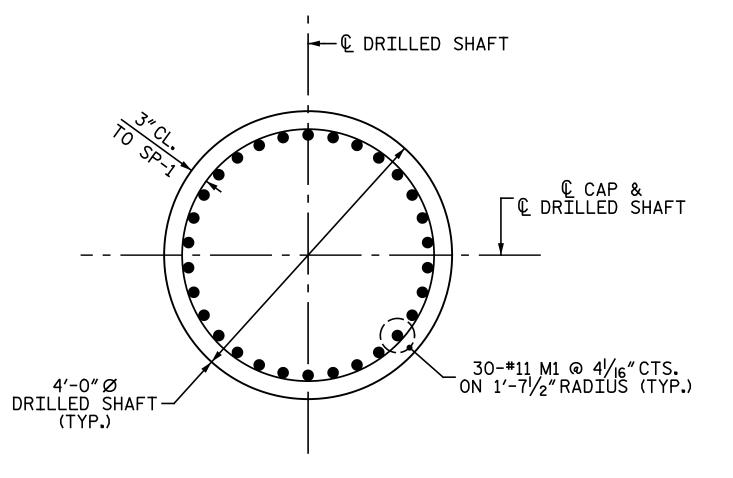
NOTES:

BACKWALL SHALL BE PLACED BEFORE APPLYING EPOXY PROTECTIVE COATING.

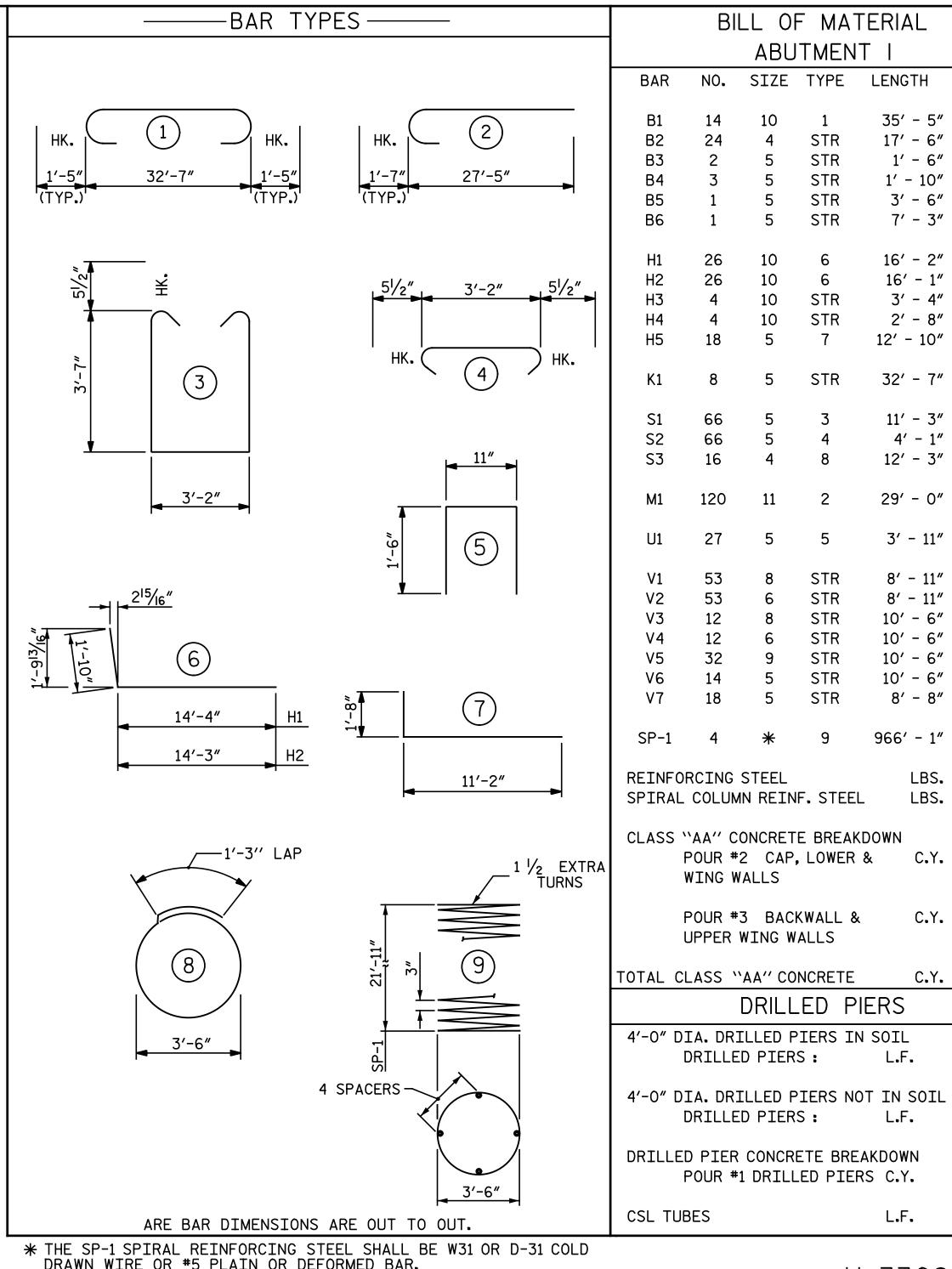
THE TOP SURFACE AREAS OF THE ABUTMENT CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR THE DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.

ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL".



SECTION B-B



DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.

PROJECT NO. U-3308 DURHAM COUNTY 24+55.20 -LALT-STATION:_ SHEET 4 OF 4

DRILLED PIERS

ABUTMENT

WEIGHT

2,134

1,809 1,799

57

1,262

1,142

4,032

4,032

30.1

15**.**6

59.5

30.0

41.7

382.08

LBS. 30,400

1' - 6"

1' - 10"

3' - 6" 7' - 3"

16' - 2"

12' - 10"

32' - 7"

11' - 3"

12' - 3"

3' - 11"

10' - 6"

966' - 1"

LBS.

C.Y.

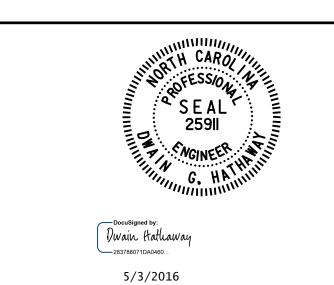
C.Y.

L.F.

L.F.

C.Y. 45.7

29' - 0" 18,489



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUBSTRUCTURE

ABUTMENT

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REVISIONS NO. BY: DATE: DATE: BY:

CHECKED BY: S. A. DENNEY DATE: 3-11-14 SHEET NO.

S4-3I

TOTAL SHEETS