

DATE: 07/19

_ DATE : 08/19

FOR PIPE INSERT DETAILS, SEE BEARING SHEETS.

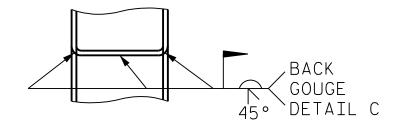
THE TOP SURFACE AREAS OF THE END BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THAT THE MEMBRANE CURING COMPOUND METHOD

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

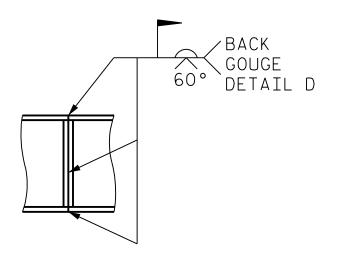
THE TOP SURFACE OF THE END BENT CAP. EXCEPT THE BRIDGE SEAT BUILDUPS, SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR

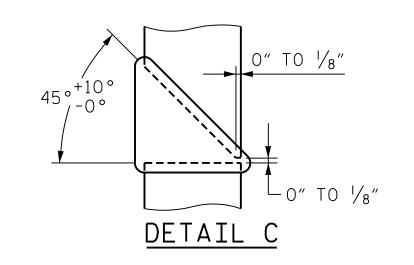
SEE GENERAL DRAWING "FOUNDATION LAYOUT" FOR ADDITIONAL NOTES FOR DRIVING PILES.

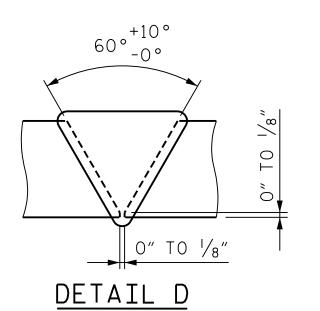


* PILE VERTICAL



* PILE HORIZONTAL OR VERTICAL





PILE SPLICE DETAILS

* = POSITION OF PILE DURING WELDING

-MINIMUM OF 3-ONE CUBIC FOOT BAGS OF #78M STONE. BAGS SHALL BE OF POROUS FABRIC, SECURELY TIED. GRADE TO DRAIN _6" (MIN.) PIPE FOR DRAINAGE TOE OF SLOPE

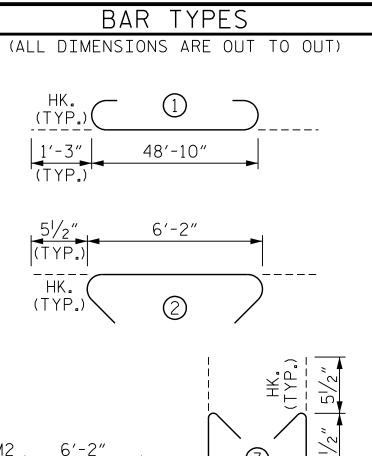
NOTES:

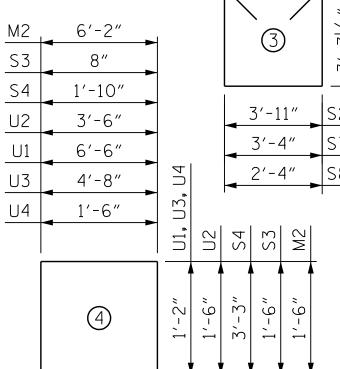
BAGGED STONE AND PIPE SHALL PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

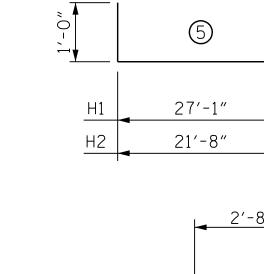
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

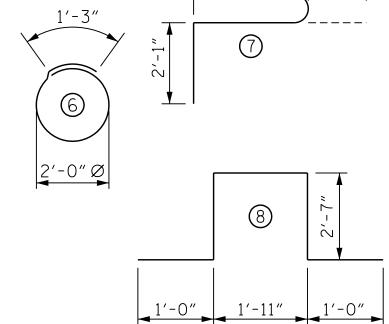
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT









M1	32	#4	STR	2'-8"	58
M2	12	#4	4	9'-2"	74
S1	59	#5	2	7'-1"	436
S2	47	#5	3	12'-1"	593
S3	44	#4	4	3′-8″	108
S4	72	#4	4	8'-4"	401
S5	6	#6	8	9'-1"	82
S6	6	#6	7	5′-5″	49
S7	53	#5	3	11'-6"	636
S8	6	#5	3	10'-6"	66
S9	36	#4	6	7′-7″	183
U1	14	#7	4	8'-10"	253
U2	12	#5	4	6′-6″	82
U3	2	#7	4	7′-0″	29
U4	1	#7	4	3′-10″	8
V1	88	#5	STR	13′-6″	1240
٧2	8	#5	STR	15′-4″	128
V3	2	#5	STR	15′-3″	32
V4	8	#5	STR	15′-1″	126
V5	8	#5	STR	14'-11"	125
٧6	8	#5	STR	14'-8"	123
V 7	8	#5	STR	14′-6″	121
V8	8	#5	STR	14'-3"	119
V9	8	#5	STR	13′-9″	115
V10	8	#5	STR	13'-11"	117
V11	8	#5	STR	14'-2"	119
V12	8	#5	STR	14'-4"	120
V13	8	#5	STR	14'-6"	121
V14	2	#5	STR	14'-8"	31
V15	8	#5	STR	14'-9"	124

BILL OF MATERIAL

TYPE

STR

STR

STR

STR

STR

SIZE

#6

#4

#4

#6

#6

#4

#4

LENGTH | WEIGH

51'-4" 2443

49'-0" 736

28'-1" | 1013

22'-8" 2179

25'-9" 757

LBS. 13,497

61.5

CU. YDS.

CU. YDS. 36.0

CU. YDS. 97.5

20

1500

20

2'-7"

482

54

14

25′-9″

6′-2″

BAR NO.

B3 | 28

B4 13

H1 | 24

K1 | 44 |

K2 8

64

В2

H2

U-2579AB PROJECT NO._

PILE DRIVING EQUIPMENT

REINFORCING STEEL

CLASS 'A' CONCRETE

POUR 2: BACKWALL &

TOTAL

POUR 1: COLLARS, CAP &

LOWER PART OF WINGS

UPPER PART OF WINGS

HP 14×73 STEEL PILES

SETUP FOR HP 14X73

STEEL PILES

FORSYTH COUNTY

EA.

STATION: 58+33.94 -Y15FLYCA-

SHEET 4 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE END BENT 2 SECTION & DETAILS

REVISIONS NO. BY: DATE: BY: DATE: S06-125 TOTAL SHEETS 129



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DES BY: M. BARNES DWG BY: B. PETERSON DATE : 07/19 DES CHK: J. EARNEST _ DATE : 07/19 CHK BY: J. EARNEST

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED