



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

September 6, 2024

Addendum No. 1

RE: Contract # C204914

WBS # 67139.3.1

STATE FUNDED

Brunswick County (BR-0139)

BRIDGE OVER SAND HILL CREEK ON NC-133 (RIVER ROAD).

September 17, 2024 Letting

To Whom It May Concern:

Reference is made to the plans furnished to you on this project.

The following revisions have been made to the Structure plans.

Sheet Nos.	Revision
S-17, S-24	Note added to Bill of Material indicating Epoxy Coated Steel Reinforcement Steel.

Please void the above listed Sheets in your plans and staple the revised Sheets thereto.

The contract will be prepared accordingly.

Sincerely,

Signed by:

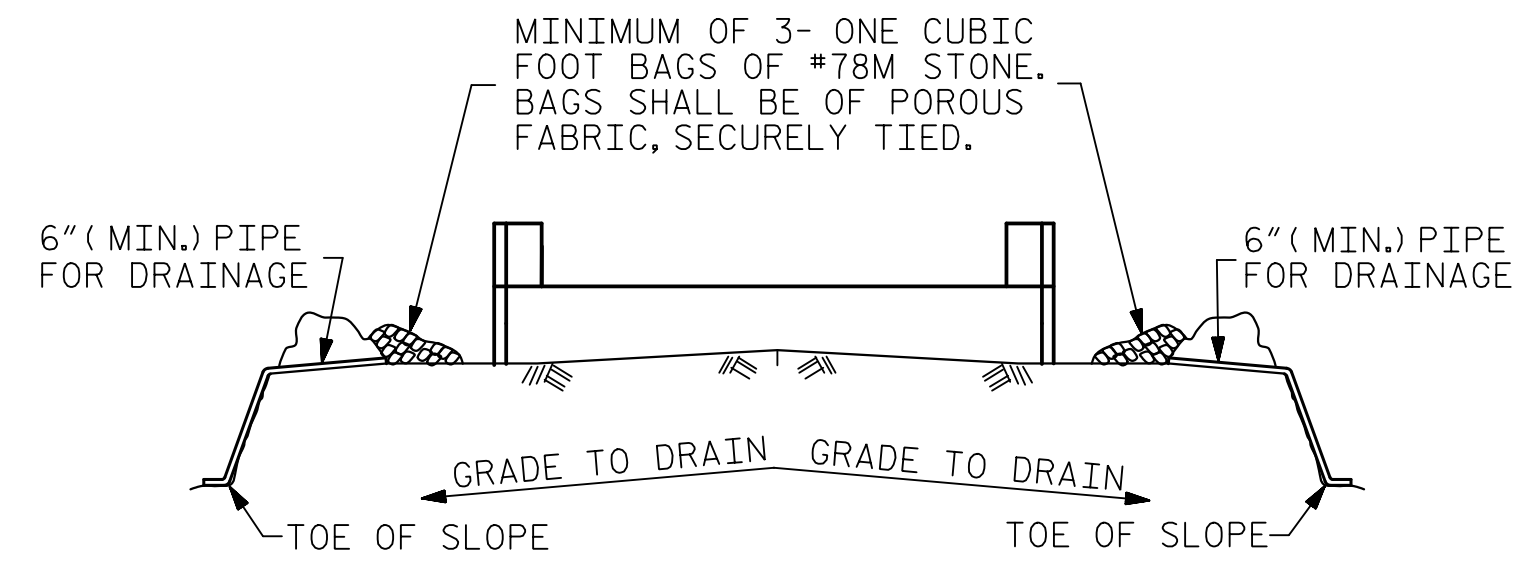
52C46046381F443...

Ronald E. Davenport, Jr., PE
State Contract Officer

RED/cms
Attachments

cc: Mr. Wiley W. Jones III, PE
Mr. Trevor Carroll, PE
Mr. Ken Kennedy, PE
Mr. Malcolm Bell

Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Mr. Jon Weathersbee, PE
Project File (2)

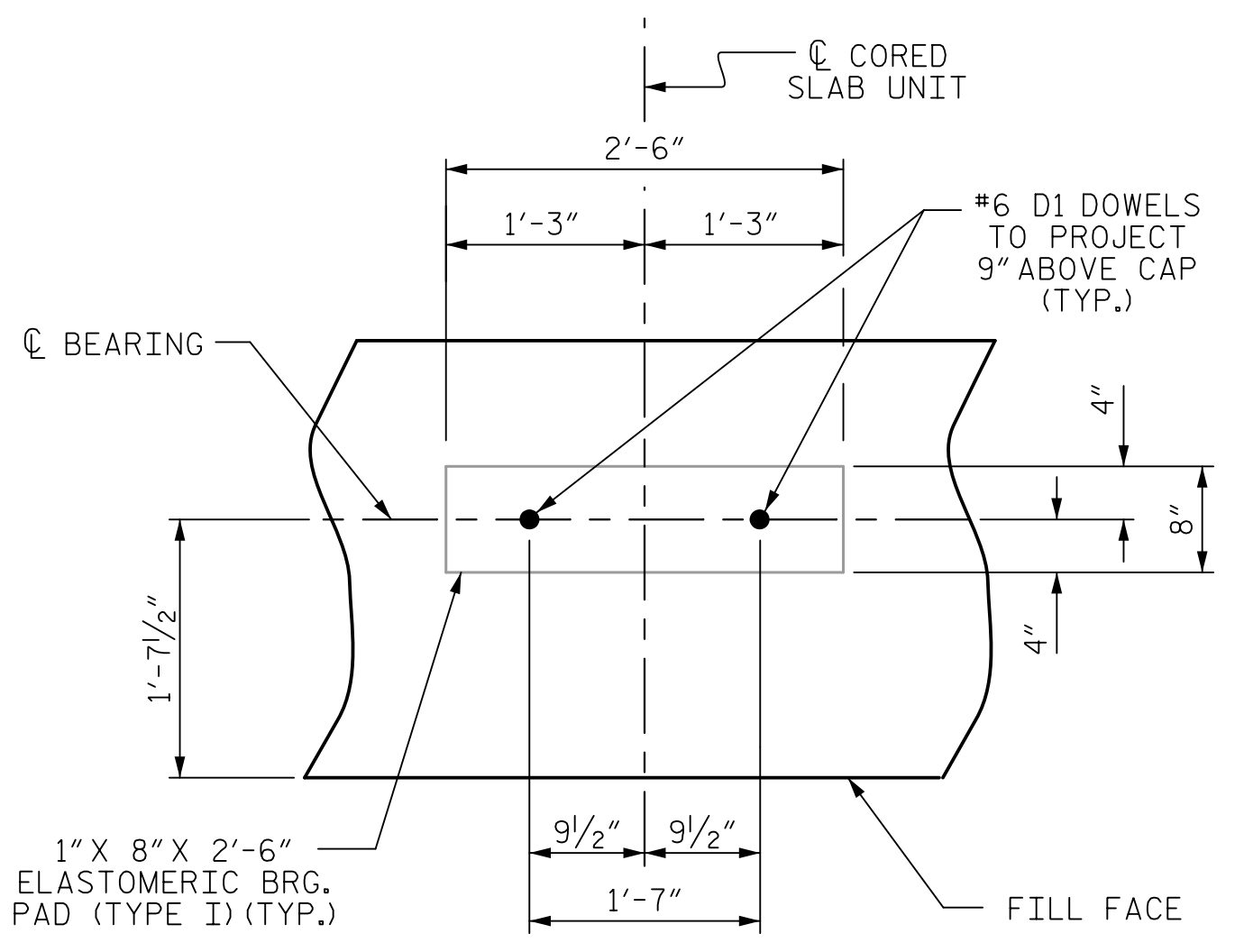


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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 DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

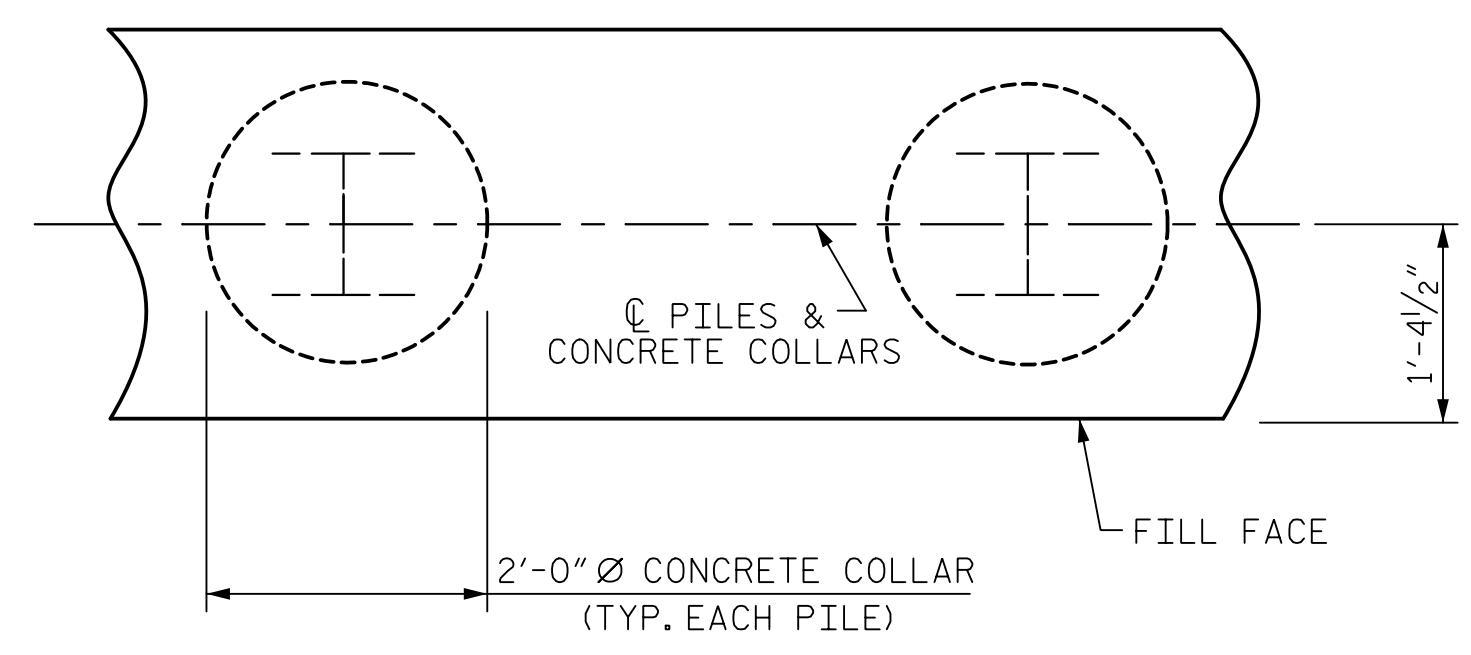
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



DETAIL "A"

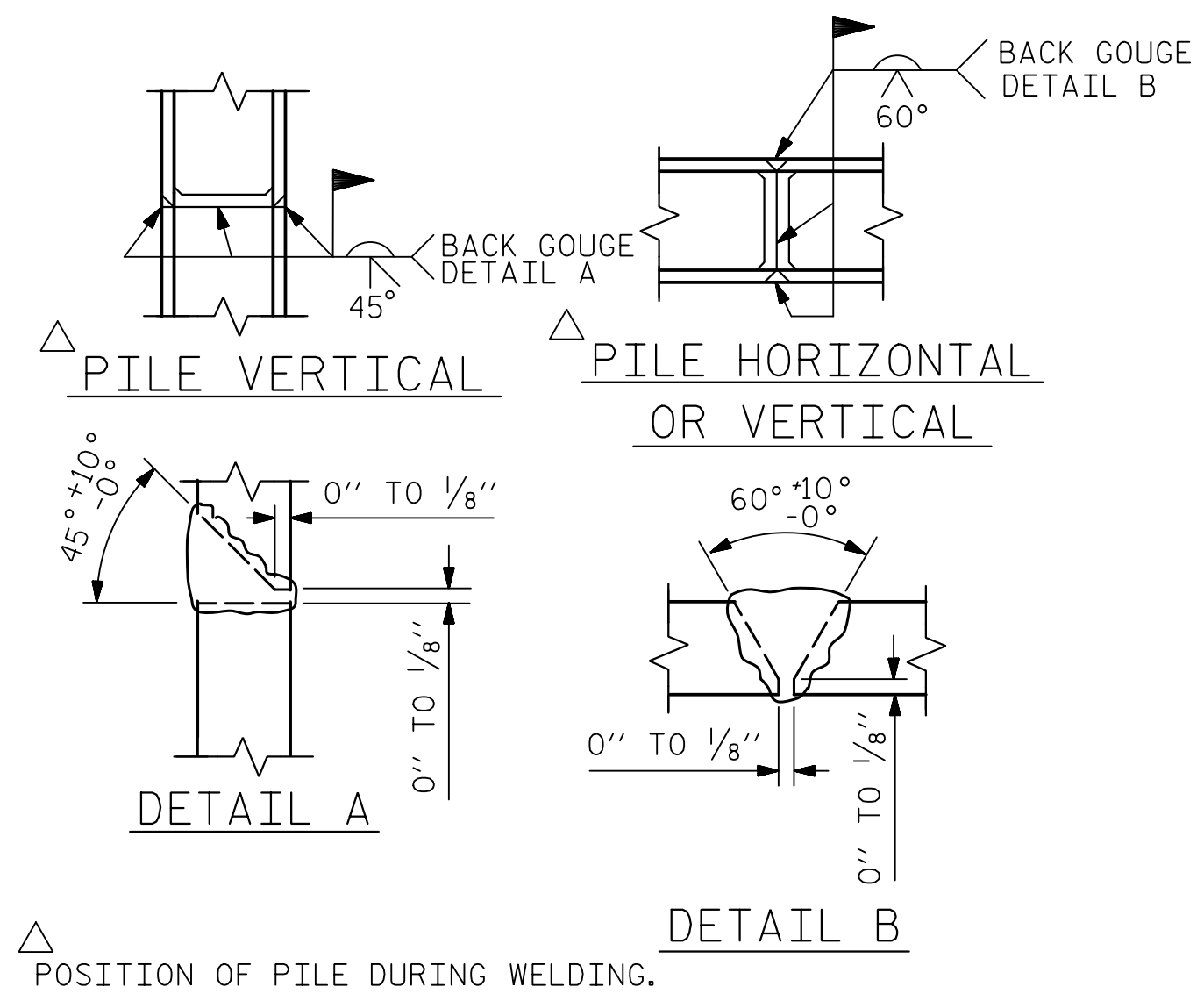
(END BENT No. 1 SHOWN, END BENT No. 2 SIMILAR BY ROTATION)



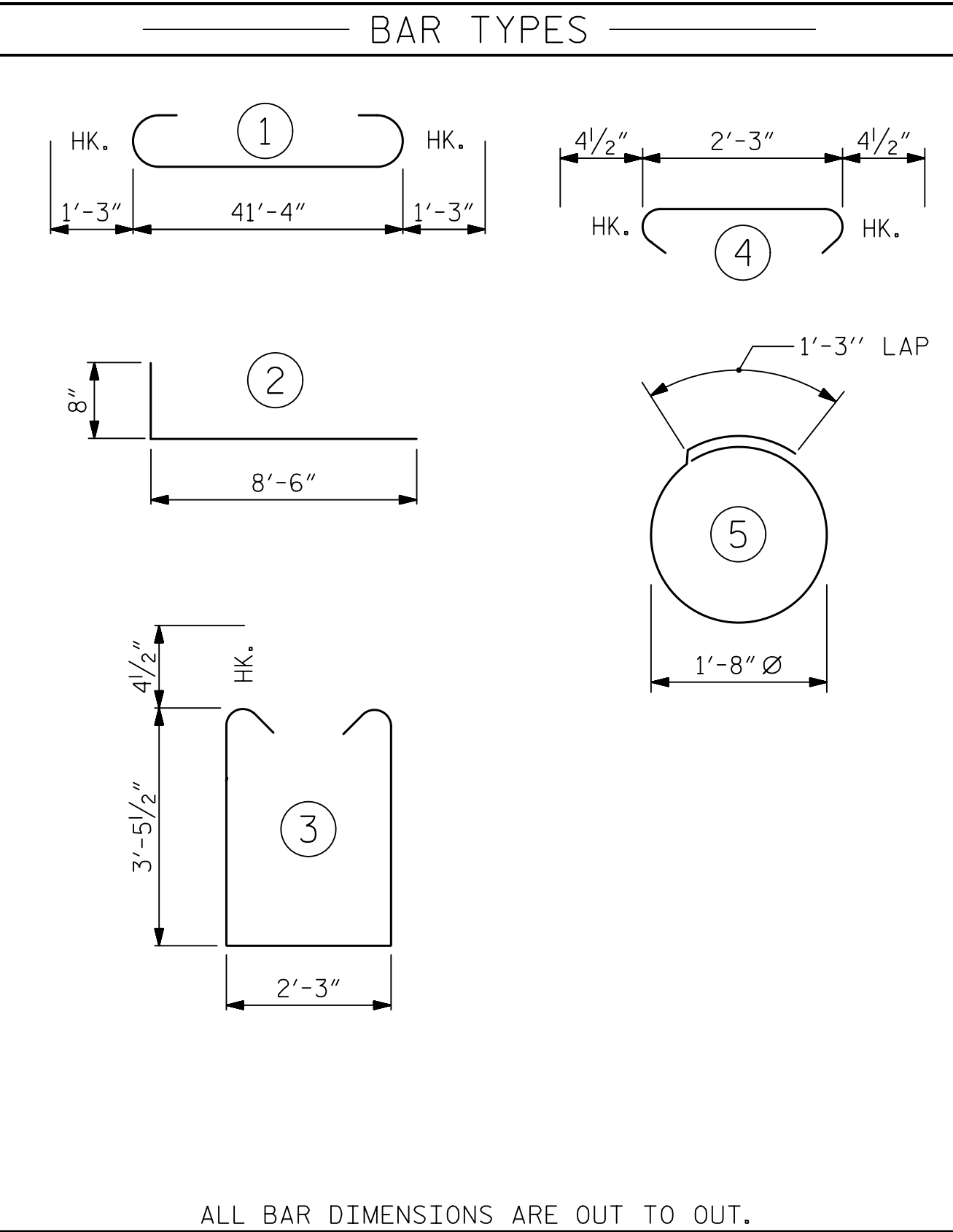
PLAN

CORROSION PROTECTION FOR STEEL PILES DETAIL

(END BENT No. 1 SHOWN, END BENT No. 2 SIMILAR BY ROTATION)

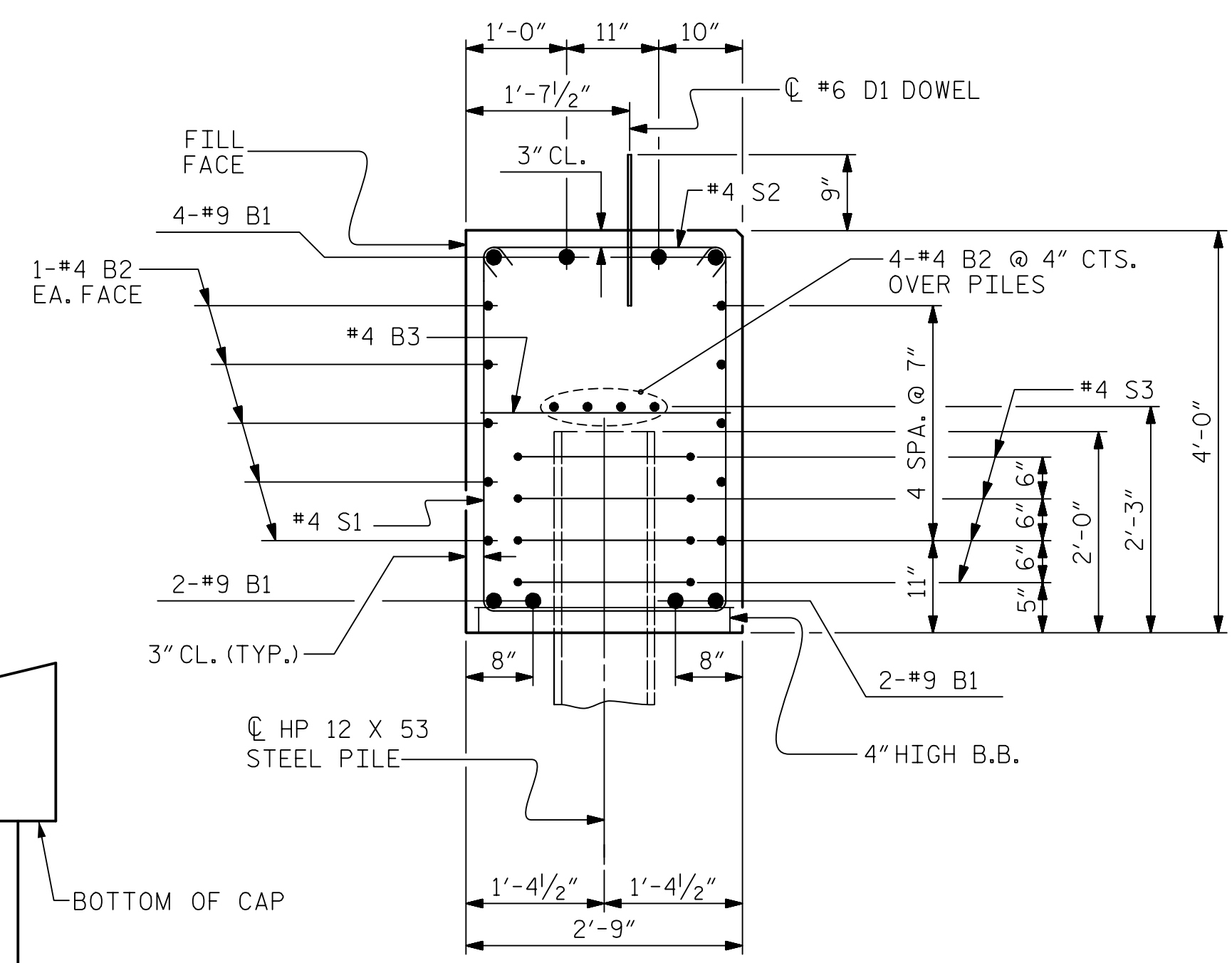


PILE SPLICE DETAILS



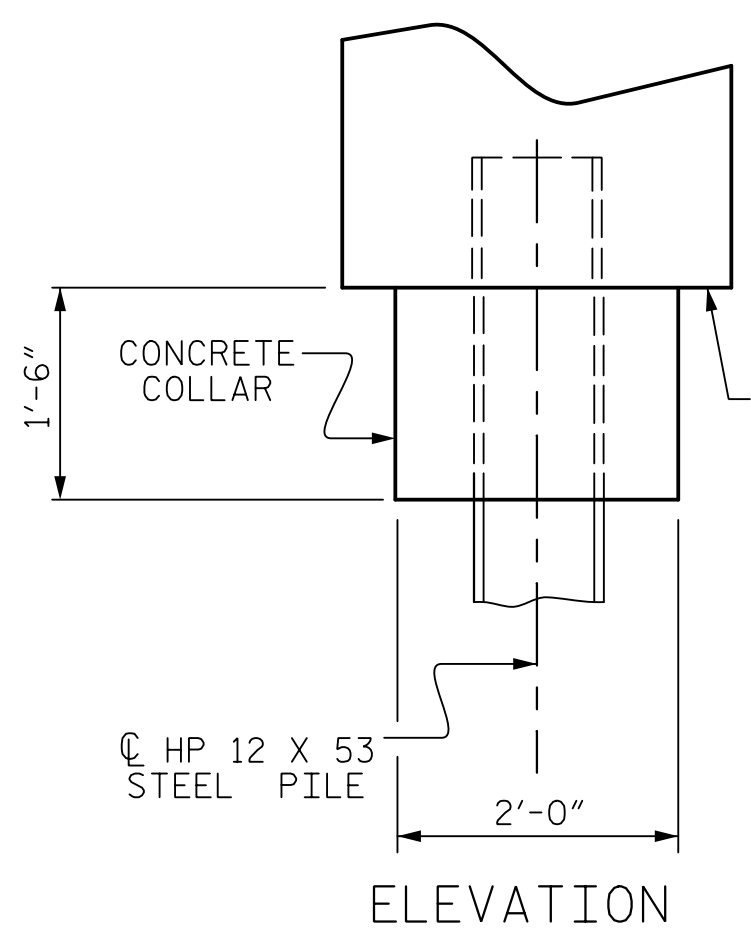
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL FOR ONE END BENT					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	1	43'-10"	1,192
B2	28	#4	STR	22'-0"	411
B3	11	#4	STR	2'-3"	17
D1	24	#6	STR	1'-6"	54
H1	40	#4	2	9'-2"	245
K1	16	#4	STR	2'-11"	31
S1	56	#4	3	9'-11"	371
S2	56	#4	4	3'-0"	112
S3	28	#4	5	6'-6"	122
V1	52	#4	STR	6'-2"	214
EPOXY COATED REINFORCING STEEL (FOR ONE END BENT)					2,769 LBS.
CLASS AA CONCRETE BREAKDOWN (FOR ONE END BENT)					
POUR #1 CAP, LOWER PART OF WINGS & COLLARS					20.7 C.Y.
POUR #2 UPPER PART OF WINGS					2.3 C.Y.
TOTAL CLASS AA CONCRETE					23.0 C.Y.



SECTION A-A

(CONCRETE COLLAR NOT SHOWN FOR CLARITY. SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL.")



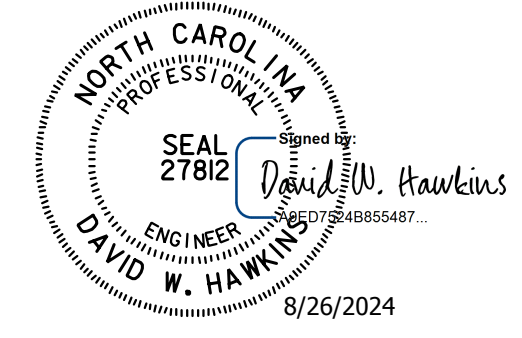
ELEVATION

PROJECT NO. BR-0139
 BRUNSWICK COUNTY
 STATION: 20+56.50 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 END BENT No. 1 & 2
 DETAILS



HNTB HNTB NORTH CAROLINA, P.C.
 NC License No. C-1554
 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609

DRAWN BY: M. WRIGHT DATE: 3/23
 CHECKED BY: Z. REINEKE DATE: 3/23
 DESIGN ENGINEER OF RECORD: D. HAWKINS DATE: 3/23

DWG. NO. 17

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

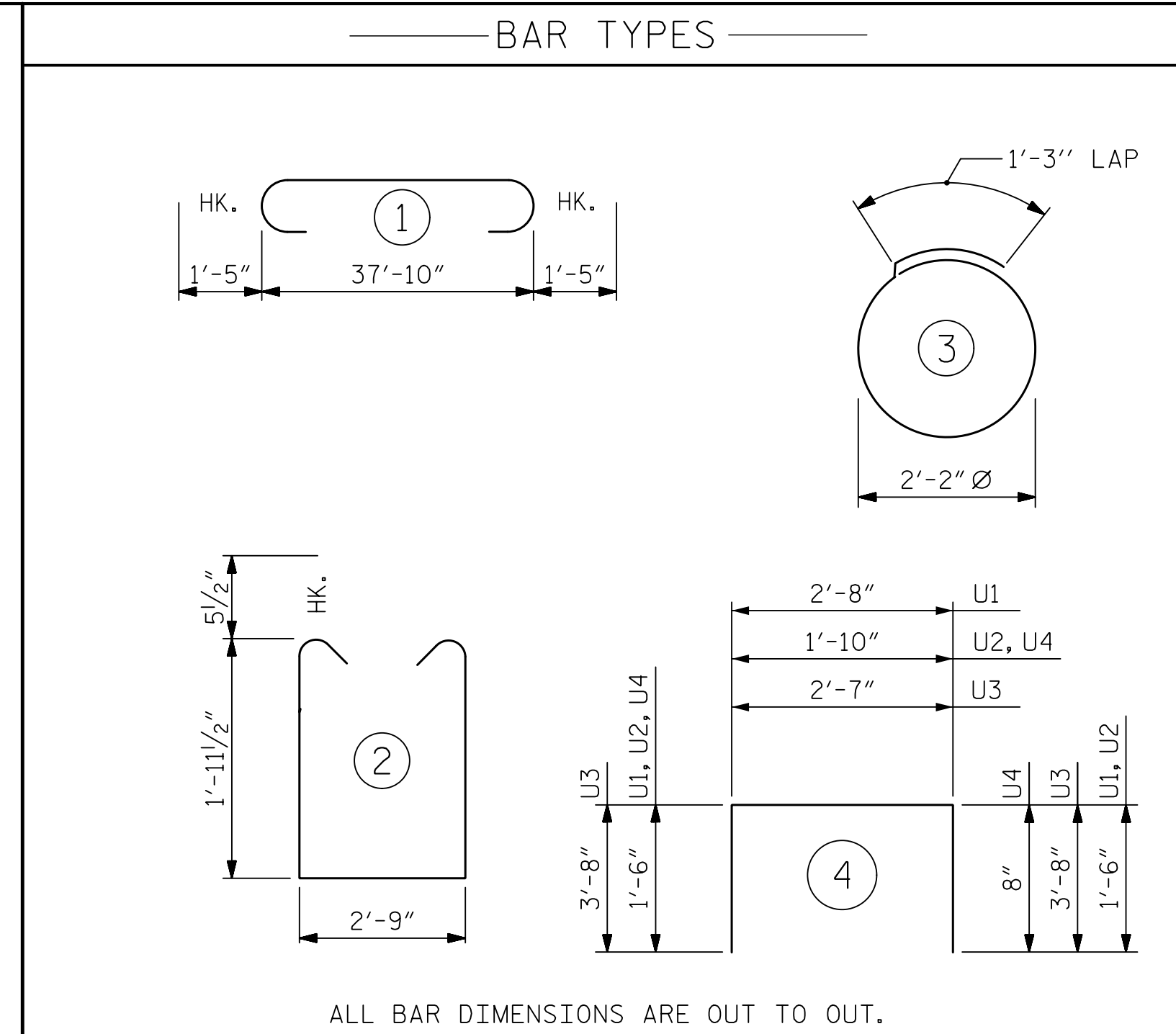
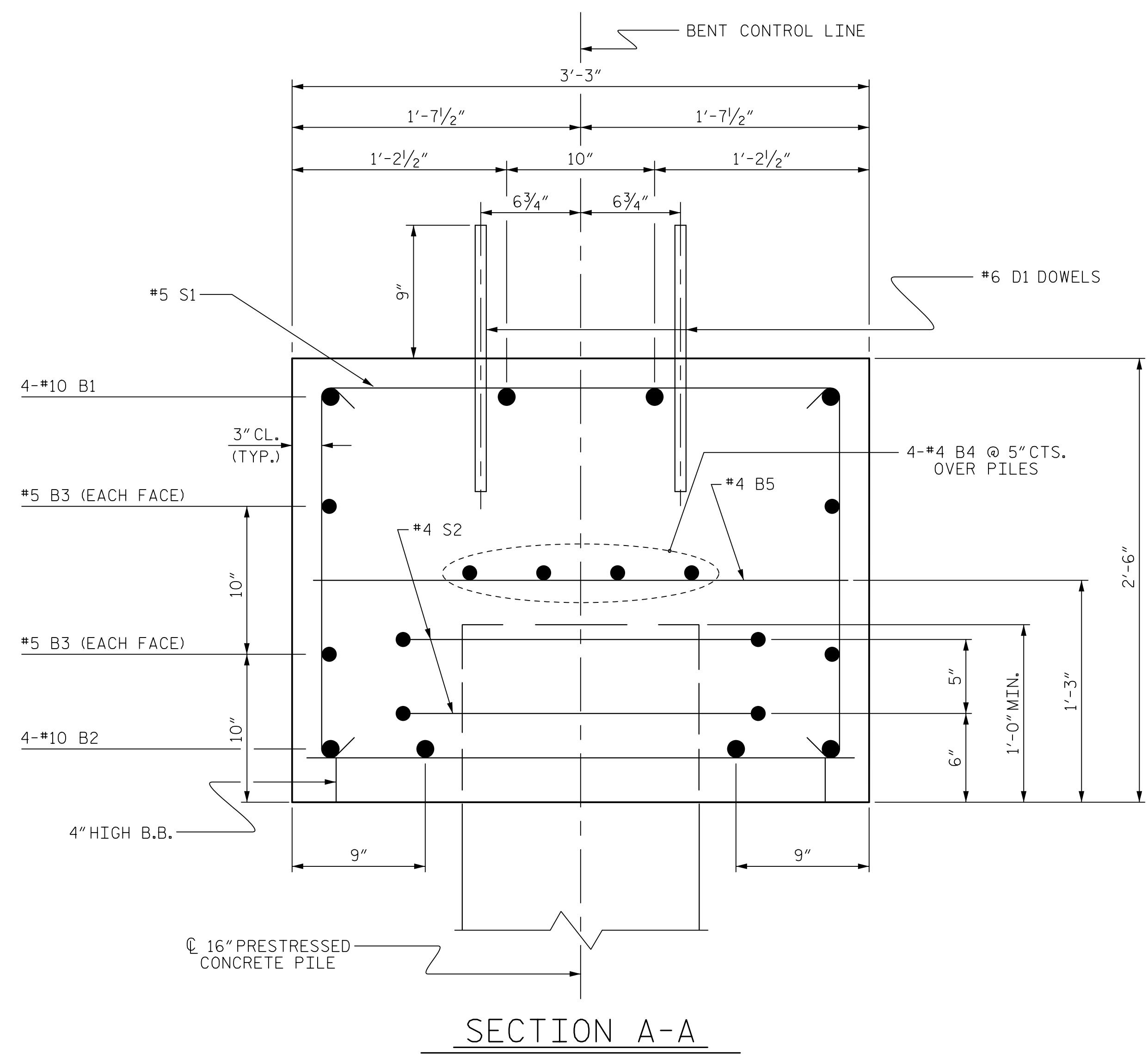
REVISIONS					SHEET NO.
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

TOTAL SHEETS: 27

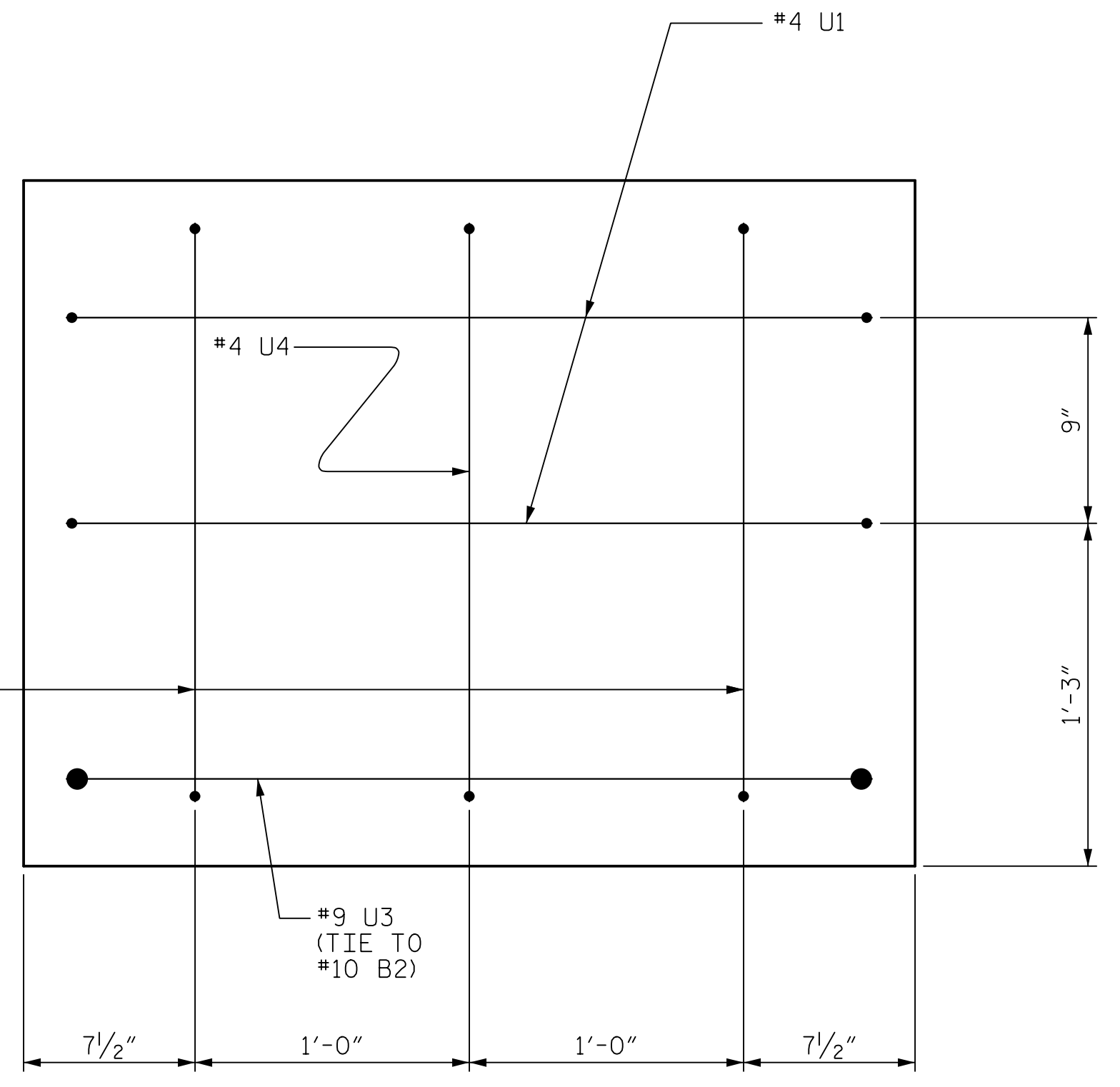
STD. NO. EB_36_90S4

ASSEMBLED BY: M. WRIGHT	DATE: 3/23
CHECKED BY: Z. REINEKE	DATE: 3/23
DRAWN BY: WJH	12/11
CHECKED BY: AAC	12/11
REV. 4/17	MAA/THC

8/26/2024 9:15:48 AM \\h000000\projects\7662_2019_East Region_LSC - Division_3\BR-0139_Brunswick_C3Structures\Dym\401_033_BR_139_SMU_LE04_01T_090271.dgn



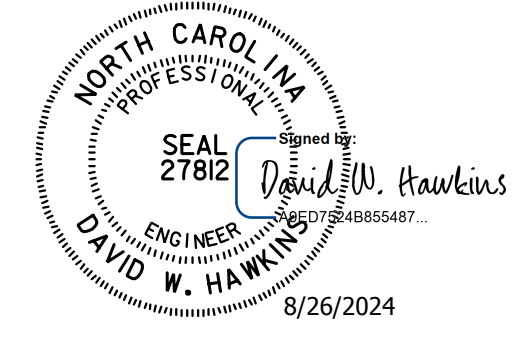
BILL OF MATERIAL					
FOR ONE BENT					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#10	1	40'-8"	700
B2	4	#10	STR	38'-0"	654
B3	4	#5	STR	38'-0"	159
B4	8	#4	STR	20'-3"	108
B5	10	#4	STR	2'-9"	18
D1	48	#6	STR	1'-6"	108
S1	37	#5	2	7'-7"	293
S2	16	#4	3	8'-1"	86
U1	4	#4	4	5'-8"	15
U2	4	#4	4	4'-10"	13
U3	2	#9	4	9'-11"	67
U4	2	#4	4	4'-0"	5
EPOXY COATED REINFORCING STEEL (FOR ONE BENT)					2,226 LBS
CLASS AA CONCRETE BREAKDOWN (FOR ONE BENT)					
TOTAL CLASS AA CONCRETE					▲ 11.1 C.Y.



▲ CONCRETE DISPLACED BY THE 16" PRESTRESSED CONCRETE PILES HAS BEEN DEDUCTED FROM THE CONCRETE QUANTITY.

PROJECT NO. BR-0139
BRUNSWICK COUNTY
 STATION: 20+56.50 -L-

SHEET 7 OF 7
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT Nos. 1 THRU 6
 DETAILS



HNTB HNTB NORTH CAROLINA, P.C.
 NC License No. C-1554
 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609

DRAWN BY: M. WRIGHT DATE: 3/23
 CHECKED BY: Z. REINEKE DATE: 3/23
 DESIGN ENGINEER OF RECORD: D. HAWKINS DATE: 3/23

DWG. NO. 24

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

REVISIONS					SHEET NO.
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

TOTAL SHEETS: 27

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STD. NO. 16" PS_BT_36_90S_<60'

ASSEMBLED BY : M. WRIGHT	DATE : 3/23
CHECKED BY : Z. REINEKE	DATE : 3/23
DRAWN BY : DGE 05/10	REV. 6/17
CHECKED BY : MKT 05/10	MAA/THC