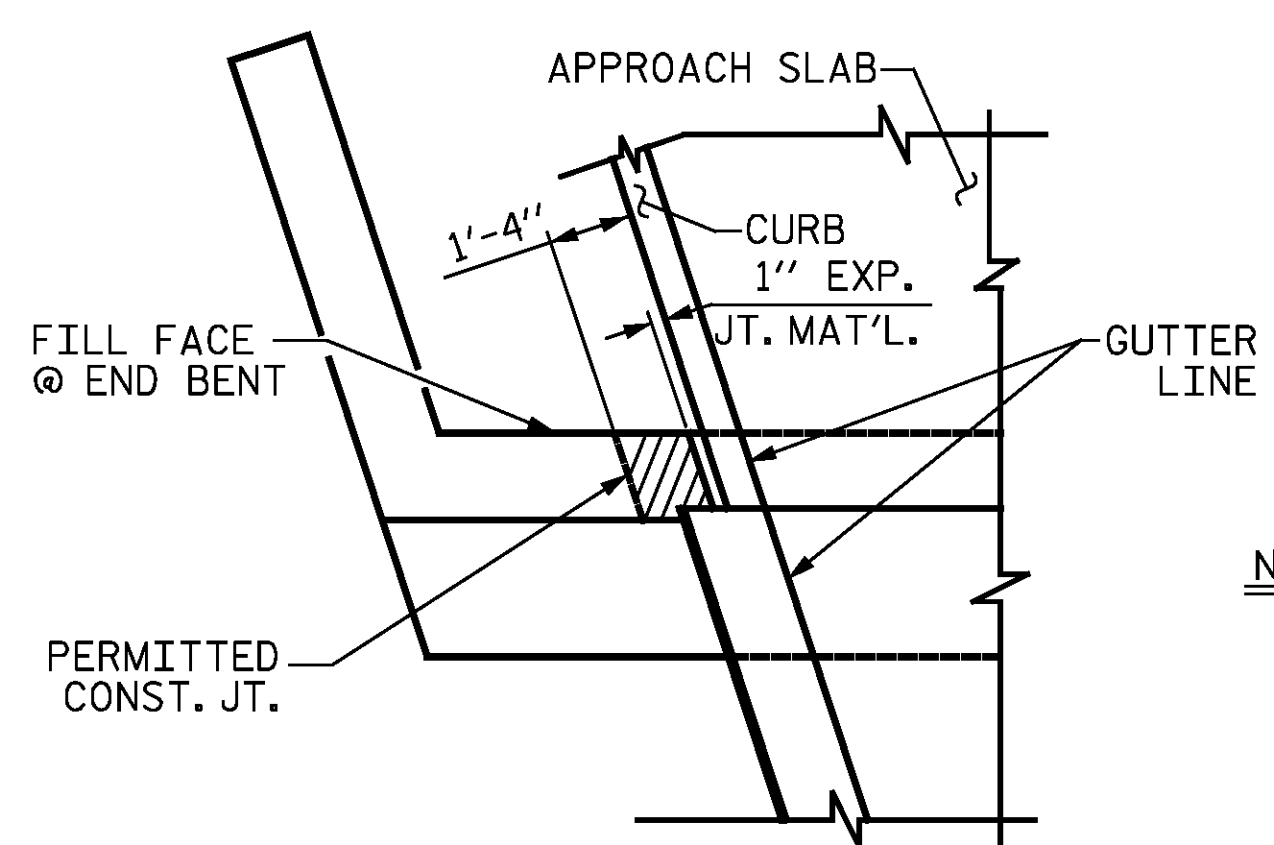
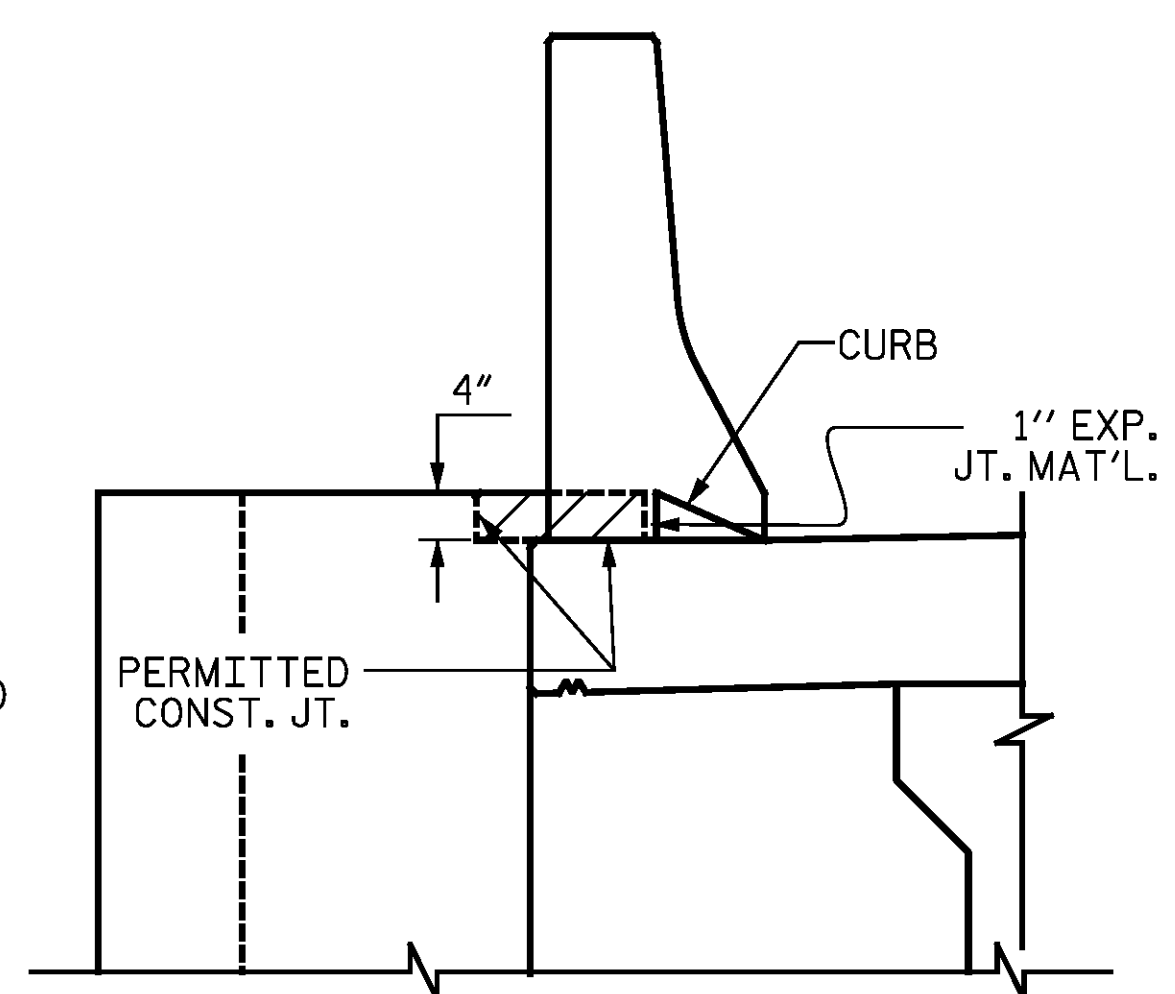


SECTION A-A

* THE TOP SURFACE OF THE CAP AND WINGS SHALL BE RAKED TO A DEPTH OF 1/4" EXCEPT THE BEARING AREAS AND CAP OUTSIDE OF SUPERSTRUCTURE.



PLAN

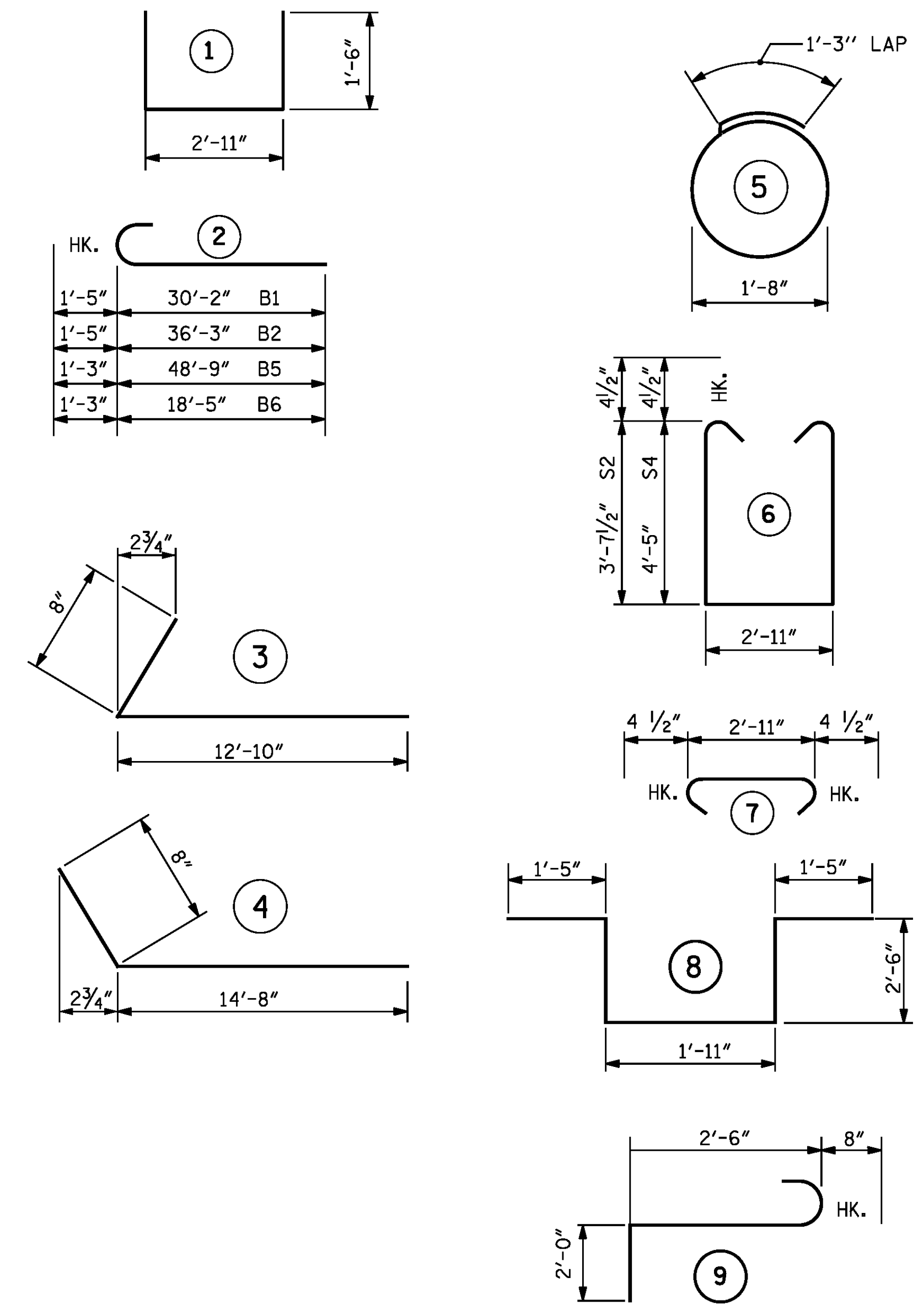


ELEVATION

BLOCKOUT IN WING WALL

NOTE
THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

END BENT 2						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	4	10	2	31'-7"	544	
B2	4	10	2	37'-8"	648	
B3	42	4	STR.	21'-1"	592	
B4	15	4	STR.	2'-11"	29	
B5	5	9	2	50'-0"	850	
B6	5	9	2	19'-8"	334	
B7	5	4	STR.	12'-0"	40	
B8	2	4	STR.	12'-2"	16	
D1	80	4	STR.	7'-0"	374	
H1	44	6	3	13'-6"	892	
H2	26	4	4	15'-4"	266	
K1	20	4	STR.	2'-10"	38	
S1	40	4	5	6'-6"	174	
S2	30	4	6	10'-11"	219	
S3	45	4	7	3'-8"	110	
S4	15	4	6	12'-6"	125	
S5	3	6	8	9'-9"	44	
S6	3	6	9	5'-2"	23	
U1	8	4	1	5'-11"	32	
V1	32	5	STR.	11'-0"	367	
V2	36	5	STR.	12'-2"	457	
REINFORCING STEEL, LB					6174	
CLASS A CONCRETE, CY POUR 1					35.6	
(POUR 2 INCLUDED IN SUPERSTRUCTURE)						
12" PRESTRESSED CONC. PILES					NO. 11 LF 660	
PILE REDRIVES, EA					5	
NOTE: PILE HEADS HAVE BEEN DEDUCTED FROM CLASS A CONCRETE.						

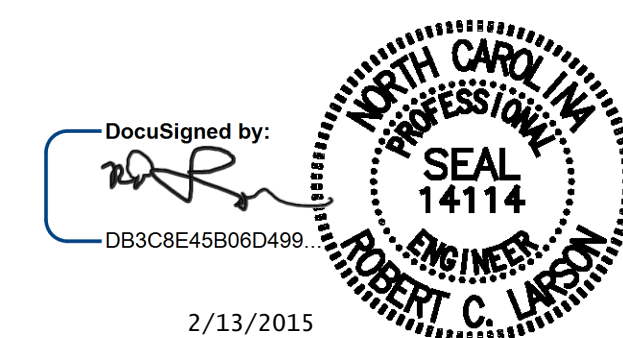
PROJECT NO. R-2514D
JONES COUNTY
STATION: 320+39.56 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**SUBSTRUCTURE
END BENT 2**

LEFT LANE



2/13/2015

DocuSigned by:
[Signature]
DB3CBE45B06D499

DESIGN ENGINEER OF RECORD: DATE : 2/13/2015

DRAWN BY : R. J. FLORY DATE : 02/10/14

CHECKED BY : R. C. LARSON DATE : 04/15/14

ADDRESS: #1, AMERS @ ECAL, 02151 LESSE: NUMBER: 0-0714
KCI Associates
of North Carolina, P.A.
SUITE 500, LANDMARK CENTER 1400 SIX FORKS RD, RALEIGH, N.C. 27609-0000 (919) 783-2004
DWG. REF. NO. 20 OF 24

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SOI-20
1			3			TOTAL SHEETS
2			4			SOI-24

STR-#1