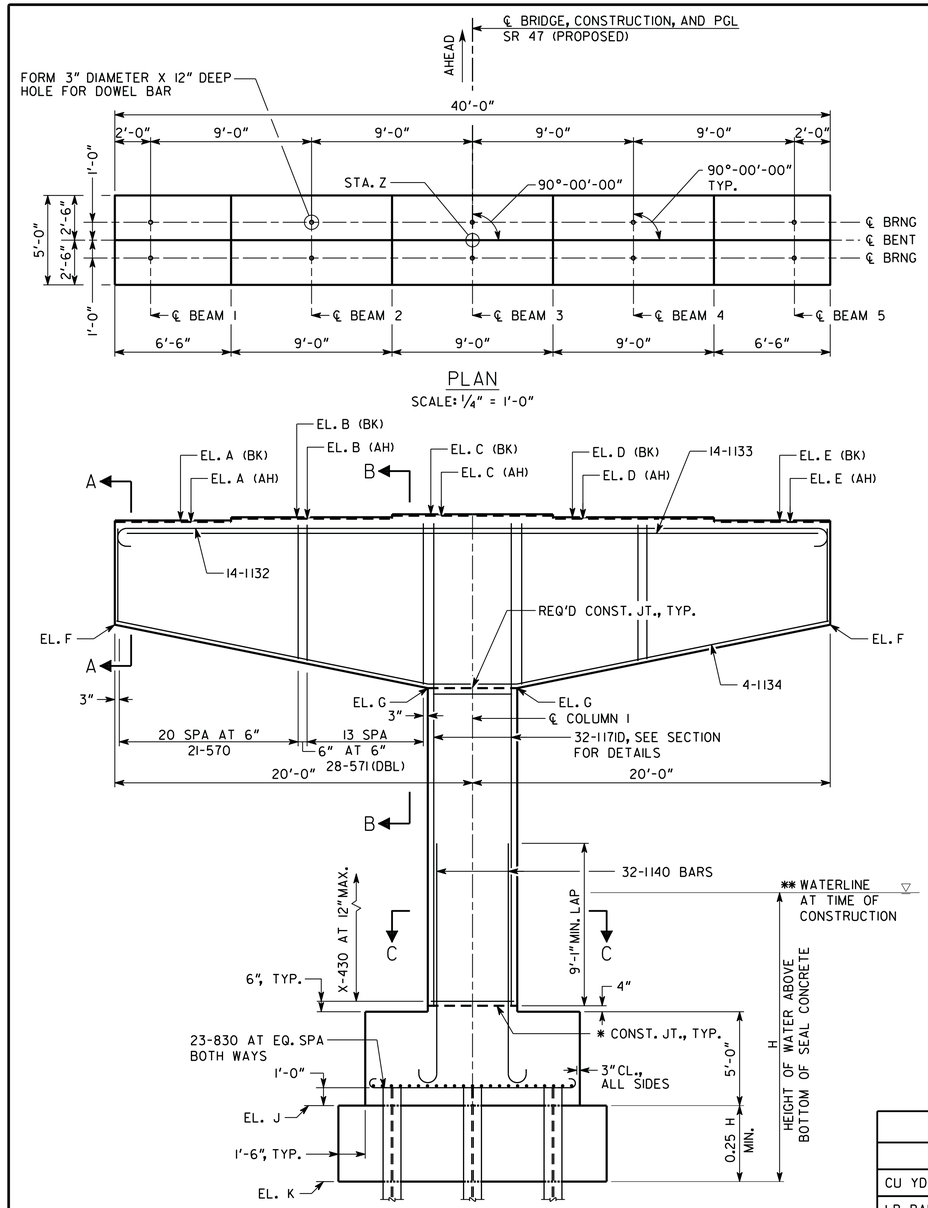
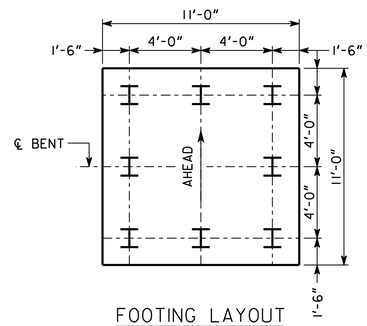
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BRST0-0076-01(036)	173	267

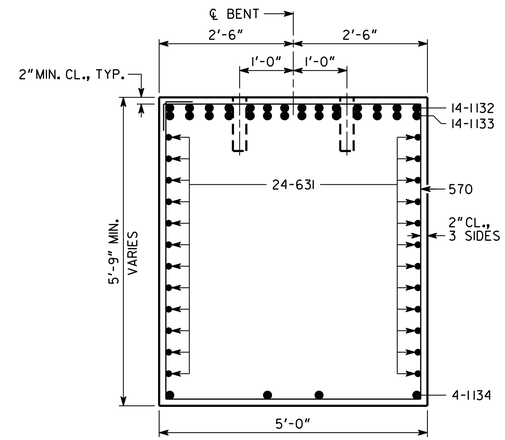


PLAN
SCALE: 1/4" = 1'-0"

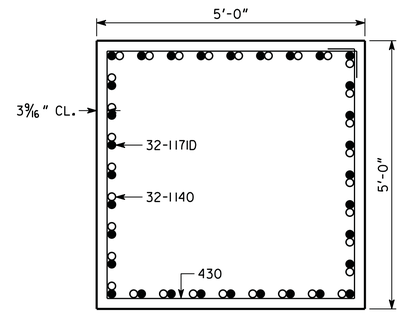
ELEVATION
SCALE: 1/4" = 1'-0"
LOOKING AHEAD
BENT 13 SHOWN (BENT 14 SIMILAR)



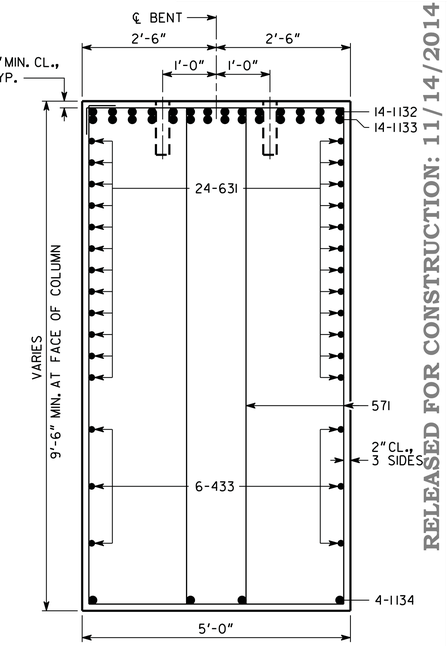
FOOTING LAYOUT
SCALE: 1/4" = 1'-0"



SECTION A-A
SCALE: 3/4" = 1'-0"



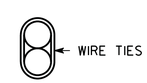
SECTION C-C
SCALE: 3/4" = 1'-0"



SECTION B-B
SCALE: 3/4" = 1'-0"

NOTES

1. MAINTAIN 2" MIN. CL. ON ALL REINFORCEMENT UNLESS NOTED OTHERWISE.
2. BARS 433 AND 631 NOT SHOWN IN ELEVATION.
3. * AT CONTRACTOR'S OPTION CONSTRUCTION JOINT MAY BE RELOCATED TO TOP OF FOOTING.
4. ** NORMAL POOL ELEVATION OF 329.41 USED FOR DESIGN, QUANTITIES, AND REBAR CALCULATIONS. DO NOT LOWER EL. J WITHOUT CONSULTING THE ENGINEER.



BARS TO BE BUNDLED SHALL BE BUNDLED VERTICALLY

BUNDLING DETAIL
NOT TO SCALE

ALL PILES SHALL BE HP 14 X 117

PLAN DRIVING OBJECTIVE

ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 210 TONS AFTER MINIMUM TIP ELEVATIONS ARE ACHEIVED AS FOLLOWS:
BENT 13 ------ ELEV. 218.00
BENT 14 ------ ELEV. 244.00

BRIDGE NO. 1

SUBSTRUCTURE QUANTITIES

ITEM	BENT 13	BENT 14
CU YD CLASS AA CONCRETE	100.4	94.4
LB BAR REINF STEEL	20089	18477

TABLE OF ELEVATIONS

	STA. Z	X		A	B	C	D	E	F	G	J	K
BENT 13	149+46.00	20	BK	352.58	352.76	352.90	352.76	352.58	346.75	343.00	318.25	314.25±
			AH	352.50	352.68	352.83	352.68	352.50				
BENT 14	150+84.00	12	BK	346.78	346.96	347.10	346.96	346.78	340.53	336.78	320.25	316.25±
			AH	346.28	346.49	346.64	346.49	346.28				

RELEASED FOR CONSTRUCTION: 11/14/2014

Baker

MICHAEL BAKER CORPORATION
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

HAMMERHEAD BENT DETAILS - BENT 13, & 14
S.R. 47 OVER LITTLE RIVER (CLARKS HILL LAKE)
LINCOLN/COLUMBIA COUNTY BRST0-0076-01(036)

SCALE: AS SHOWN NOVEMBER 2014

DRAWING NO. 35-025
BRIDGE SHEET 25 OF 33

REVISIONS | DATE | BY

DESIGNED BSB/ANZ | CHECKED JCR/AWB | REVIEWED WMD/DLC
DRAWN BSB | DESIGN GROUP DLC | APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

11/18/2014 2:57:28 PM Y:\Roadways\138973\Bridge\Final\B0125-BT13.dgn