PHASE II (1) (2)

BENT NO. 2 - REGULAR

BAR	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH
A750	BENT CAP	7	16					47'-2"
A751	BENT CAP	7	4					29'-8"
A752	BENT CAP	7	2					27'-9"
A753	BENT CAP	7	4					17'-11"
A754	BENT CAP	7	2					16'-11"
A755	BENT CAP	7	4					6'-2"
A756	BENT CAP	7	2					5'-11"
A770	COUPLER BAR	7	20					6'-6"
A1050	BENT CAP	10	72					48'-5"
A1051	COLUMN	10	27					31'-10"
A1052	COLUMN	10	27					31'-11"
A1053	COLUMN	10	27					31'-3"
A1070	COUPLER BAR	10	72					9'-1"
C950	COLUMN / FOOTING	9	81	10'-11"				12'-6"
CD1050	BENT CAP	10	24	19'-10"	15'-1"	15'-10"		35'-8"
CD1051	BENT CAP	10	12	19'-10"	19'-2"	19'-10"		39'-8"
D950	FOOTING (TOP AND BOTTOM)	9	144	11'-6"				14'-0"
SERIES								
L650	BENT CAP	6	4	3'-7"		3'-7"		709'-9"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 3/4" (32 BARS)				
SERIES								
L651	BENT CAP	6	8	3'-7"		3'-7"		642'-10"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 7/8" (29 BARS)				
T550	COLUMN	5	96	3'-8"				12'-6"

BENT NO. 3 - REGULAR

BAR	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH
A750	BENT CAP	7	16					47'-2"
A751	BENT CAP	7	4					29'-8"
A752	BENT CAP	7	2					27'-9"
A753	BENT CAP	7	4					17'-11"
A754	BENT CAP	7	2					16'-11"
A755	BENT CAP	7	4					6'-2"
A756	BENT CAP	7	2					5'-11"
A770	COUPLER BAR	7	20					6'-6"
A1050	BENT CAP	10	72					48'-5"
A1051	COLUMN	10	27					29'-9"
A1052	COLUMN	10	27					29'-10"
A1053	COLUMN	10	27					29'-2"
A1070	COUPLER BAR	10	72					9'-1"
C950	COLUMN / FOOTING	9	81	10'-11"				12'-6"
CD1050	BENT CAP	10	24	19'-10"	15'-4"	15'-10"		35'-8"
CD1051	BENT CAP	10	12	19'-10"	19'-2"	19'-10"		39'-8"
D950	FOOTING (TOP AND BOTTOM)	9	144	11'-6"				14'-0"
SERIES								
L650	BENT CAP	6	4	3'-7"		3'-7"		709'-9"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 3/4" (32 BARS)				
SERIES								
L651	BENT CAP	6	8	3'-7"		3'-7"		642'-10"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 7/8" (29 BARS)				
T550	COLUMN	5	90	3'-8"				12'-6"

DESIGNED BY D. JAMES/D. THOMPSON DATE
DRAWN BY ANGELA MOORE DATE
SUPERVISED BY D. JAMES/D. THOMPSON DATE
CHECKED BY JAMIE GILLESPIE DATE

JA JAMES & ASSOCIATES, INC.

PHASE II (1) (2)

BENT NO. 4 - REGULAR

BAR	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH
A750	BENT CAP	7	16					47'-2"
A751	BENT CAP	7	4					29'-8"
A752	BENT CAP	7	2					27'-9"
A753	BENT CAP	7	4					17'-11"
A754	BENT CAP	7	2					16'-11"
A755	BENT CAP	7	4					6'-2"
A756	BENT CAP	7	2					5'-11"
A770	COUPLER BAR	7	20					6'-6"
A1050	BENT CAP	10	72					48'-5"
A1051	COLUMN	10	27					27'-10"
A1052	COLUMN	10	27					28'-0"
A1053	COLUMN	10	27					27'-4"
A1070	COUPLER BAR	10	72					9'-1"
C950	COLUMN / FOOTING	9	81	10'-11"				12'-6"
CD1050	BENT CAP	10	24	19'-10"	15'-4"	15'-10"		35'-8"
CD1051	BENT CAP	10	12	19'-10"	19'-2"	19'-10"		39'-8"
D950	FOOTING (TOP AND BOTTOM)	9	144	11'-6"				14'-0"
SERIES								
L650	BENT CAP	6	4	3'-7"		3'-7"		709'-9"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 3/4" (32 BARS)				
SERIES								
L651	BENT CAP	6	8	3'-7"		3'-7"		642'-10"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 7/8" (29 BARS)				
T550	COLUMN	5	84	3'-8"				12'-6"

BENT NO. 5 - REGULAR

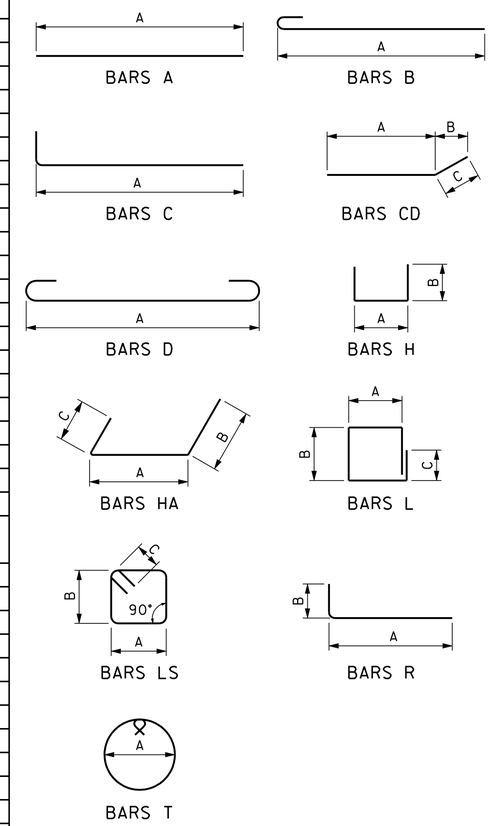
BAR	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH
A750	BENT CAP	7	16					47'-2"
A751	BENT CAP	7	4					29'-8"
A752	BENT CAP	7	2					27'-9"
A753	BENT CAP	7	4					17'-11"
A754	BENT CAP	7	2					16'-11"
A755	BENT CAP	7	4					6'-2"
A756	BENT CAP	7	2					5'-11"
A770	COUPLER BAR	7	20					6'-6"
A1050	BENT CAP	10	72					48'-5"
A1051	COLUMN	10	27					24'-10"
A1052	COLUMN	10	27					25'-1"
A1053	COLUMN	10	27					24'-7"
A1070	COUPLER BAR	10	72					9'-1"
C950	COLUMN / FOOTING	9	81	10'-11"				12'-6"
CD1050	BENT CAP	10	24	19'-10"	15'-4"	15'-10"		35'-8"
CD1051	BENT CAP	10	12	19'-10"	19'-2"	19'-10"		39'-8"
D950	FOOTING (TOP AND BOTTOM)	9	144	11'-6"				14'-0"
SERIES								
L650	BENT CAP	6	4	3'-7"		3'-7"		709'-9"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 3/4" (32 BARS)				
SERIES								
L651	BENT CAP	6	8	3'-7"		3'-7"		642'-10"
				DIM "B" VARIES FROM 4'-9" TO 6'-8" IN INC. OF 7/8" (29 BARS)				
T550	COLUMN	5	75	3'-8"				12'-6"

CONST. NO. BR-I-40-3(155)

PROJECT NO.	YEAR	SHEET NO.
11003-3134-94	2014	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	02-05-13	DWT	REVISED QUANTITIES
2	04-26-13	DWT	REVISED BARS A1051, A1052, A1053, T550, SERIES L650 AND SERIES L651



R. DARRELL JAMES REGISTERED ENGINEER NO. 16281 STATE OF TENNESSEE

04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BILL OF STEEL
(PHASE II)

BRIDGE NO. 11-10040-05.63 (EB & WB)
INTERSTATE 40 OVER HARPETH RIVER
CHEATHAM COUNTY
2014

BR-113-61