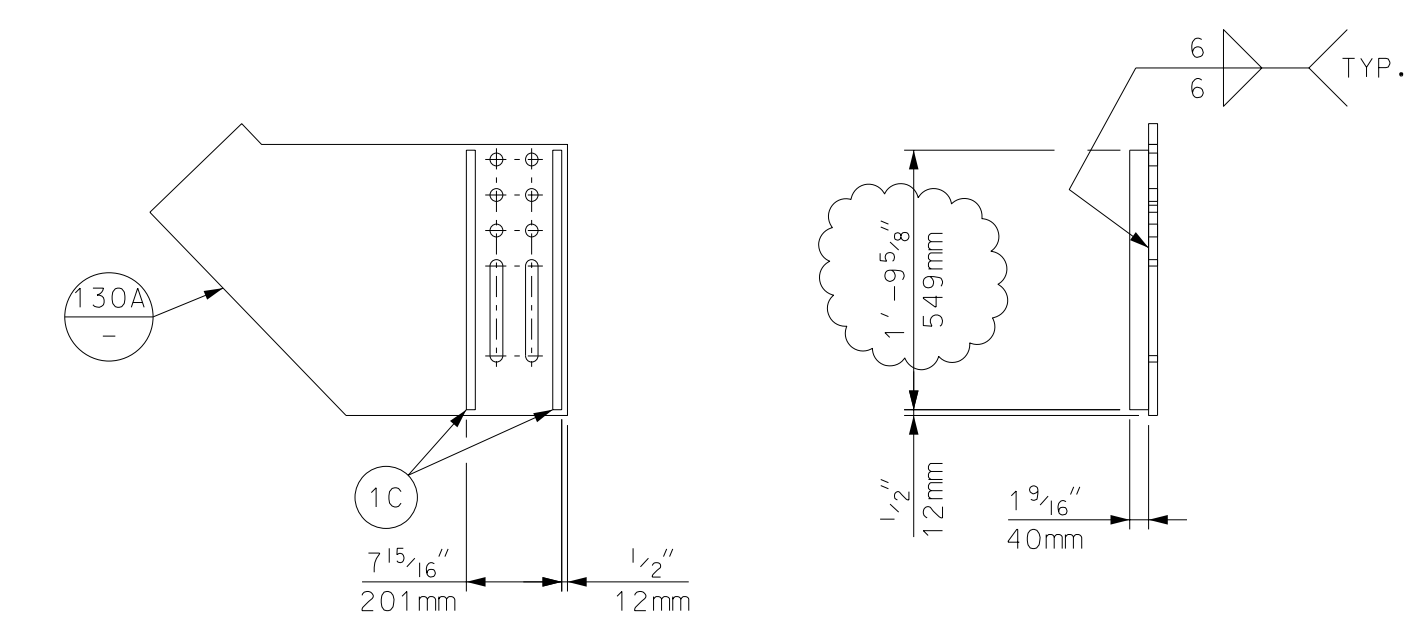


D

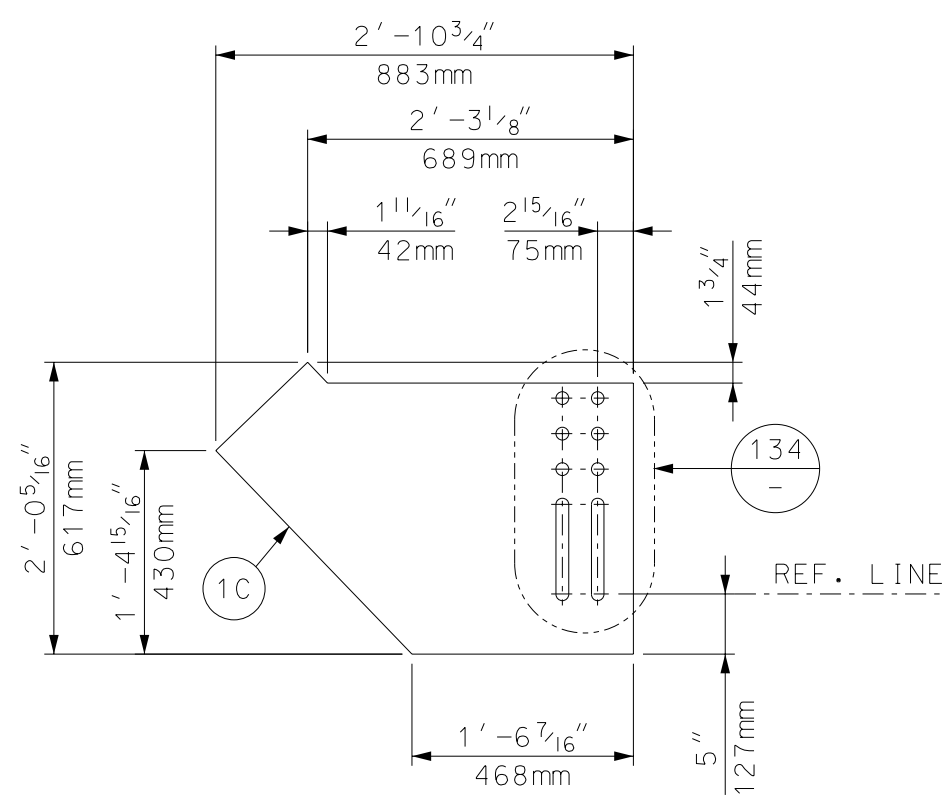
C

B

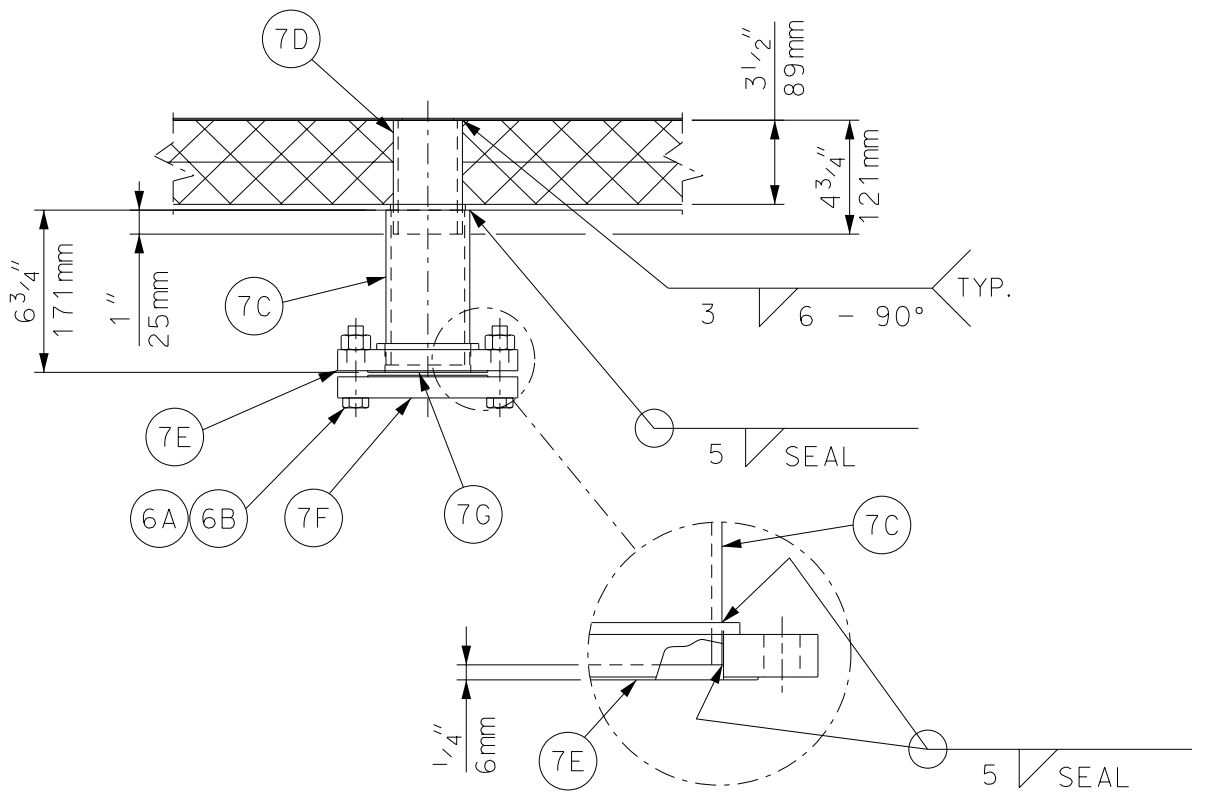
A



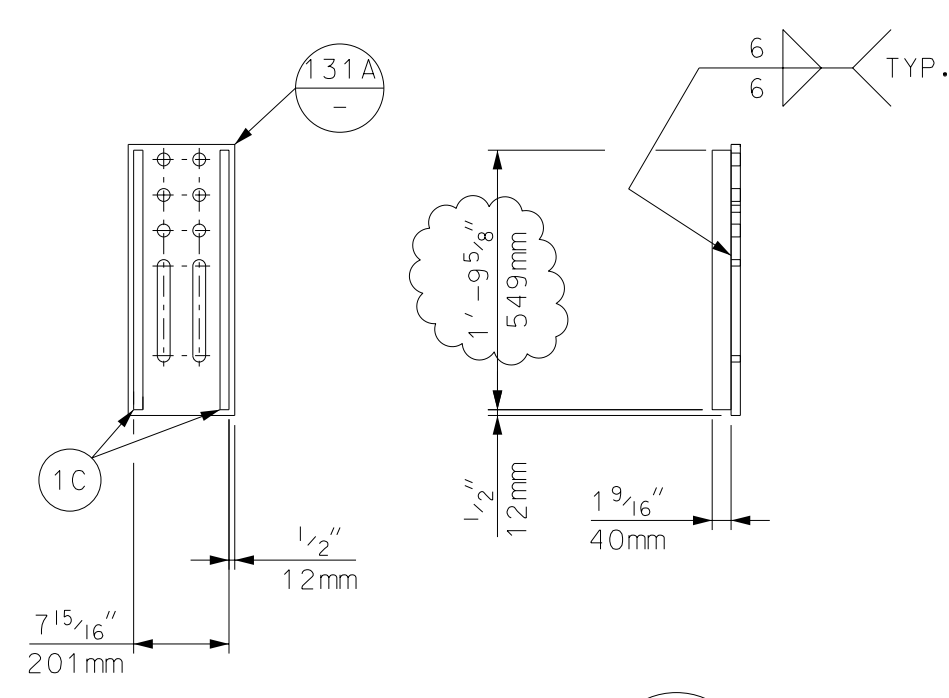
GUSSET ASSEMBLY 130
FRONT BOX 3A, 4A, 5A & BACK BOX 3C, 4C, 5C (SHOWN)
FRONT BOX 3C, 4C, 5C & BACK BOX 3A, 4A, 5A (OPPOSITE) 0052



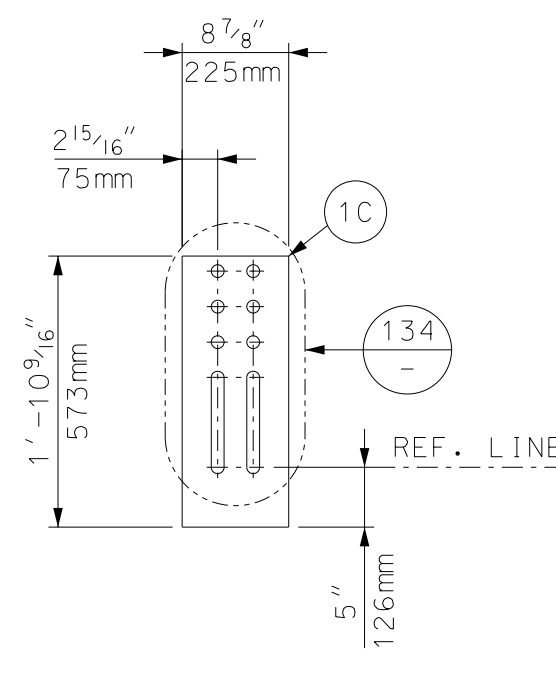
GUSSET DETAIL 130A
(2) REQ'D BC30A - BOX 3
(2) REQ'D BC30C - BOX 3
(2) REQ'D BC40A - BOX 4
(2) REQ'D BC40C - BOX 4
(2) REQ'D BC50A - BOX 5
(2) REQ'D BC50C - BOX 5



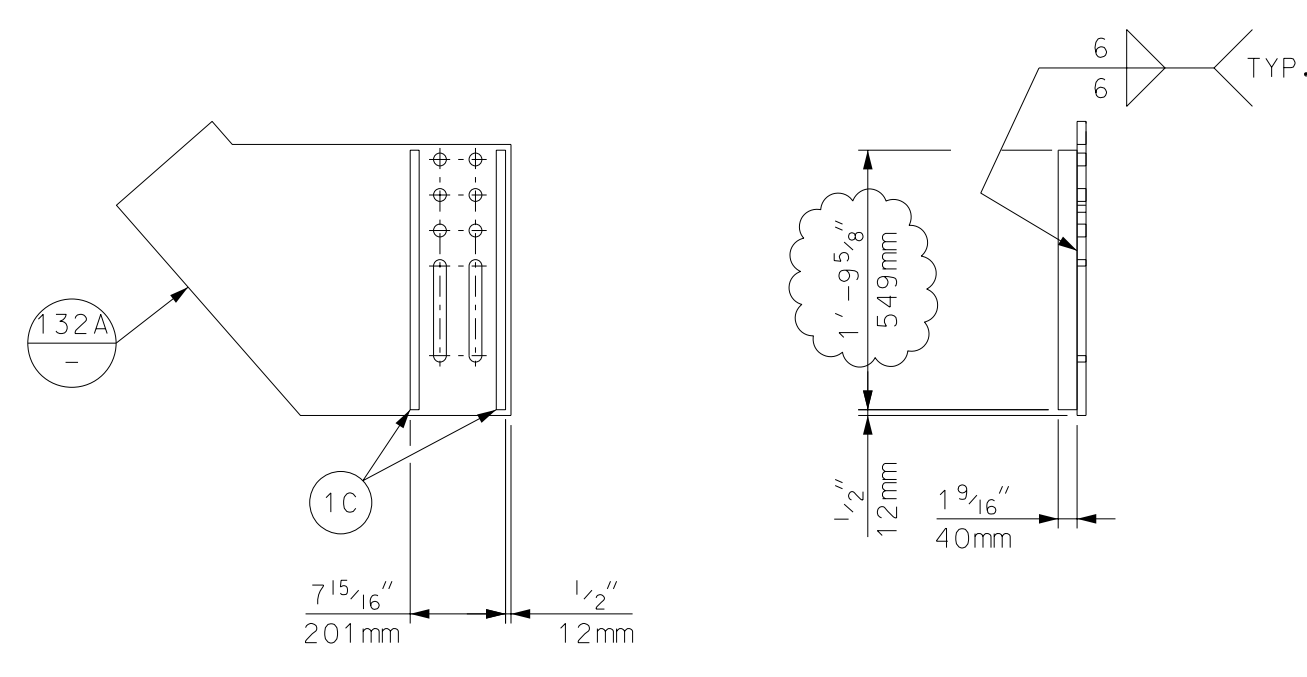
DRAIN ASSEMBLY 135
SCALE: 1 1/2 inch = 1' - 0 inch
(1) REQ'D BC30A - BOX 3
(1) REQ'D BC30B - BOX 3
(1) REQ'D BC30C - BOX 3
(1) REQ'D BC40A - BOX 4
(1) REQ'D BC40B - BOX 4
(1) REQ'D BC40C - BOX 4
(1) REQ'D BC50A - BOX 5
(1) REQ'D BC50B - BOX 5
(1) REQ'D BC50C - BOX 5
0030, 0031, 0040, 0041, 0050, 0051



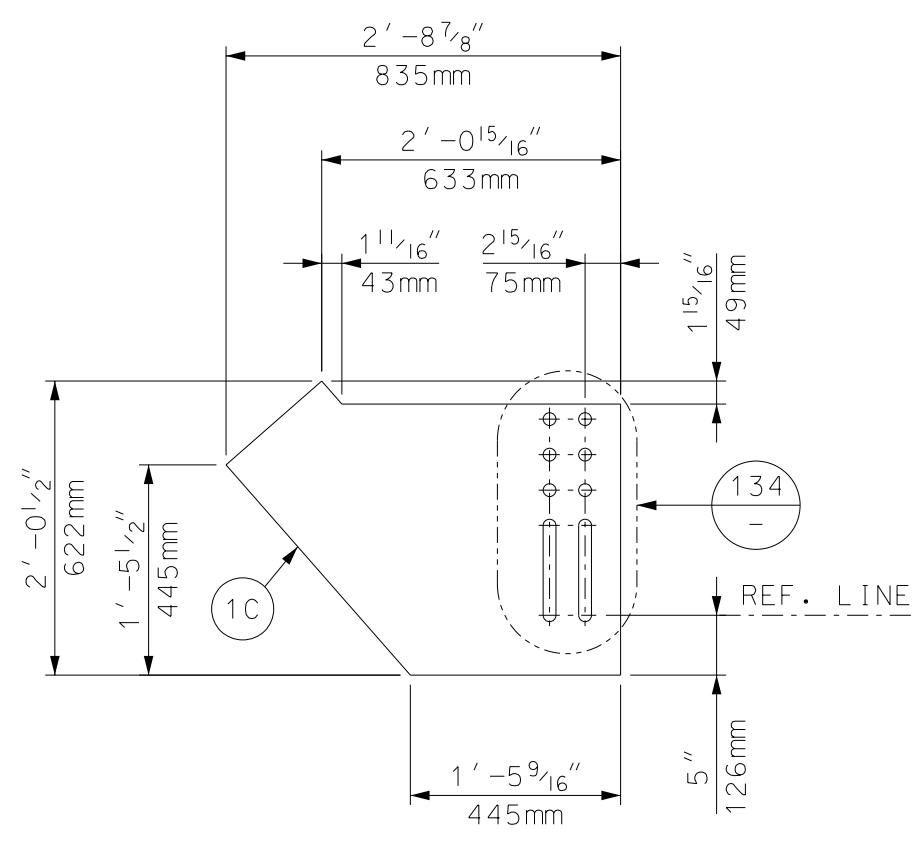
GUSSET ASSEMBLY 131
FRONT BOX 3B, 4B, 5B (SHOWN)
BACK BOX 3B, 4B, 5B (OPPOSITE) 0052



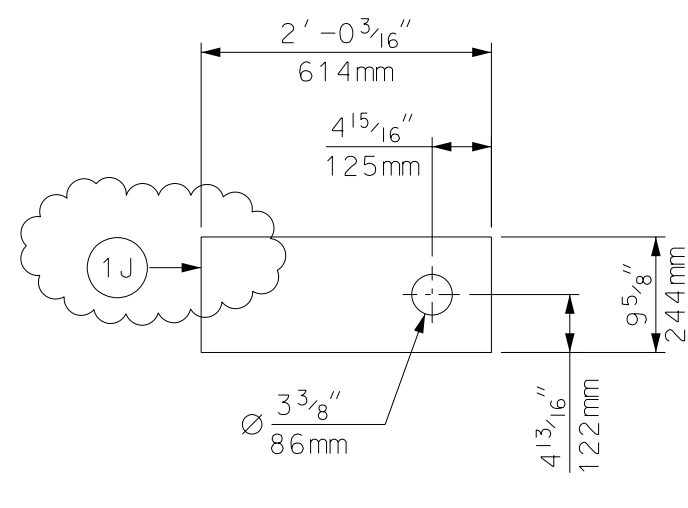
GUSSET DETAIL 131A
(2) REQ'D BC30B - BOX 3
(2) REQ'D BC40B - BOX 4
(2) REQ'D BC50B - BOX 5



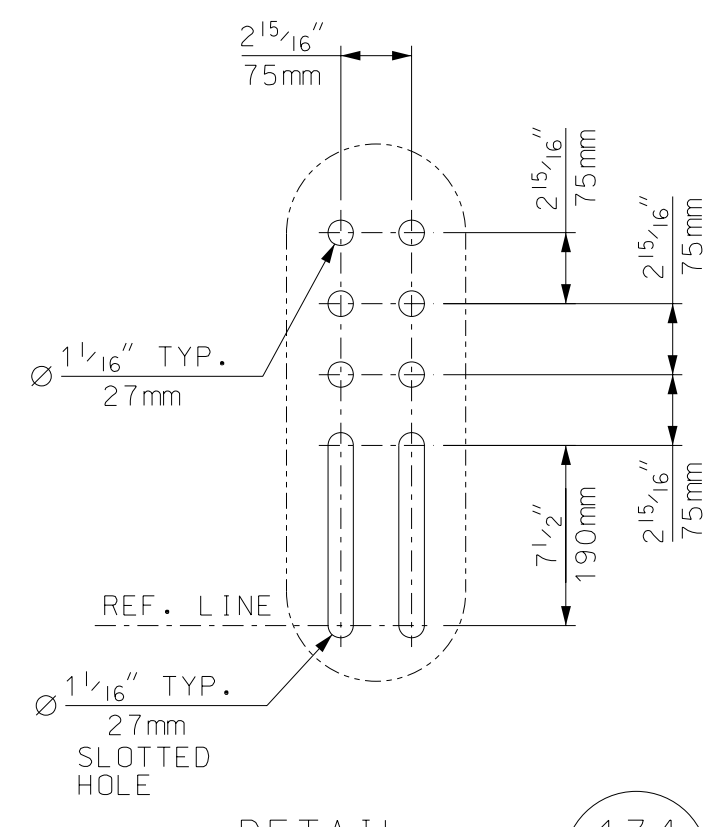
GUSSET ASSEMBLY 132
FRONT BOX 3B, 4B, 5B (SHOWN)
BACK BOX 3B, 4B, 5B (OPPOSITE) 0052



GUSSET DETAIL 132A
(2) REQ'D BC30B - BOX 3
(2) REQ'D BC40B - BOX 4
(2) REQ'D BC50B - BOX 5



DOUBLER PLATE DETAIL 133
(2) REQ'D BC30A - BOX 3
(2) REQ'D BC30B - BOX 3
(2) REQ'D BC30C - BOX 3
(2) REQ'D BC40A - BOX 4
(2) REQ'D BC40B - BOX 4
(2) REQ'D BC40C - BOX 4
(2) REQ'D BC50A - BOX 5
(2) REQ'D BC50B - BOX 5
(2) REQ'D BC50C - BOX 5 0052



DETAIL 134
SCALE 1 1/2 inch = 1' - 0 inch

BILL OF MATERIALS			
PART NO.	QTY.	DESCRIPTION	MAT'L SPEC.
1J	30	SO. FT. OF PLATE, (12mm) THK	ASTM A572-50
1C	98	SO. FT. OF PLATE, (19mm) THK	JIS G3101 S5400
6A	36	BOLT 5/8" (M16) x 3" (76mm) LG	A307 GR.A
6B	36	HEX NUT 5/8" (M16)	A563 GR.A
7C	9	PIPE 3" SCH.40, 6 1/2" (165mm) LG.	A106-GR.B
7D	9	PIPE 2" SCH.40, 4 3/4" (121mm) LG.	A106-GR.B
7E	9	SLIP-ON FLANGE, 3"-150#	A105
7F	9	BLIND FLANGE, 3"-150#	A105
7G	9	NON-METALLIC GASKET, 3"-150#	

PART NUMBERS ARE TO HAVE THE PREFIX OF "BC". FOR EXAMPLE, "30A"(ASSEMBLY) + "1B" (PART NUMBER) WOULD BE "BC30A1B"

NOTE:
1. SEE ASSEMBLY DRAWINGS FOR GENERAL NOTES.
2. QUANTITIES SHOWN ARE FOR (1) ONE UNIT,
-(1) ONE UNIT REQUIRED FOR MIDDLETOWN PROJECT.
-(1) ONE UNIT REQUIRED FOR KINGS MOUNTAIN PROJECT.

REFERENCE DRAWINGS:
V17494-BCND-0030 - BOTTOM CASING BOX 3 (BC30A & BC30C)
V17494-BCND-0031 - BOTTOM CASING BOX 3 (BC30B)
V17494-BCND-0040 - BOTTOM CASING BOX 4 (BC40A & BC40C)
V17494-BCND-0041 - BOTTOM CASING BOX 4 (BC40B)
V17494-BCND-0050 - BOTTOM CASING BOX 5 (BC50A & BC50C)
V17494-BCND-0051 - BOTTOM CASING BOX 5 (BC50B)
V17494-BCND-0052 - BOTTOM CASING BOX 3 THRU 5 DETAILS
V17494-BCND-0090 - STANDARD CASING & LINER DETAILS
V17494-EBND-0103 - STANDARD FABRICATION TOLERANCES FOR TOP AND BOTTOM CASINGS

01	CHANGE 12mm PLATE MATERIAL TYPE, EXTENDED GUSSET RIBS	20-NOV-15	JONES	REEVES	-	FRY
00	FIRST ISSUE	09-NOV-15	TA	JONES	-	FRY
Rev.	Description	Date	Drawn	Chkd.	Chkd.	Appr.
Revisions						

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MIDDLETOWN ENERGY CENTER and KINGS MOUNTAIN ENERGY CENTER for NTE ENERGY and GEMMA POWER SYSTEMS
VOGT POWER PROJECTS V17494 & V17495
Title
BOTTOM CASING BOX 3 THRU 5 DETAILS

Vogt Power International
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WWW.VogtPower.com

Internal Drawing Status	Size	Drawing No.	Rev.
FOR RECORD	D	V17494-BCND-0053	01