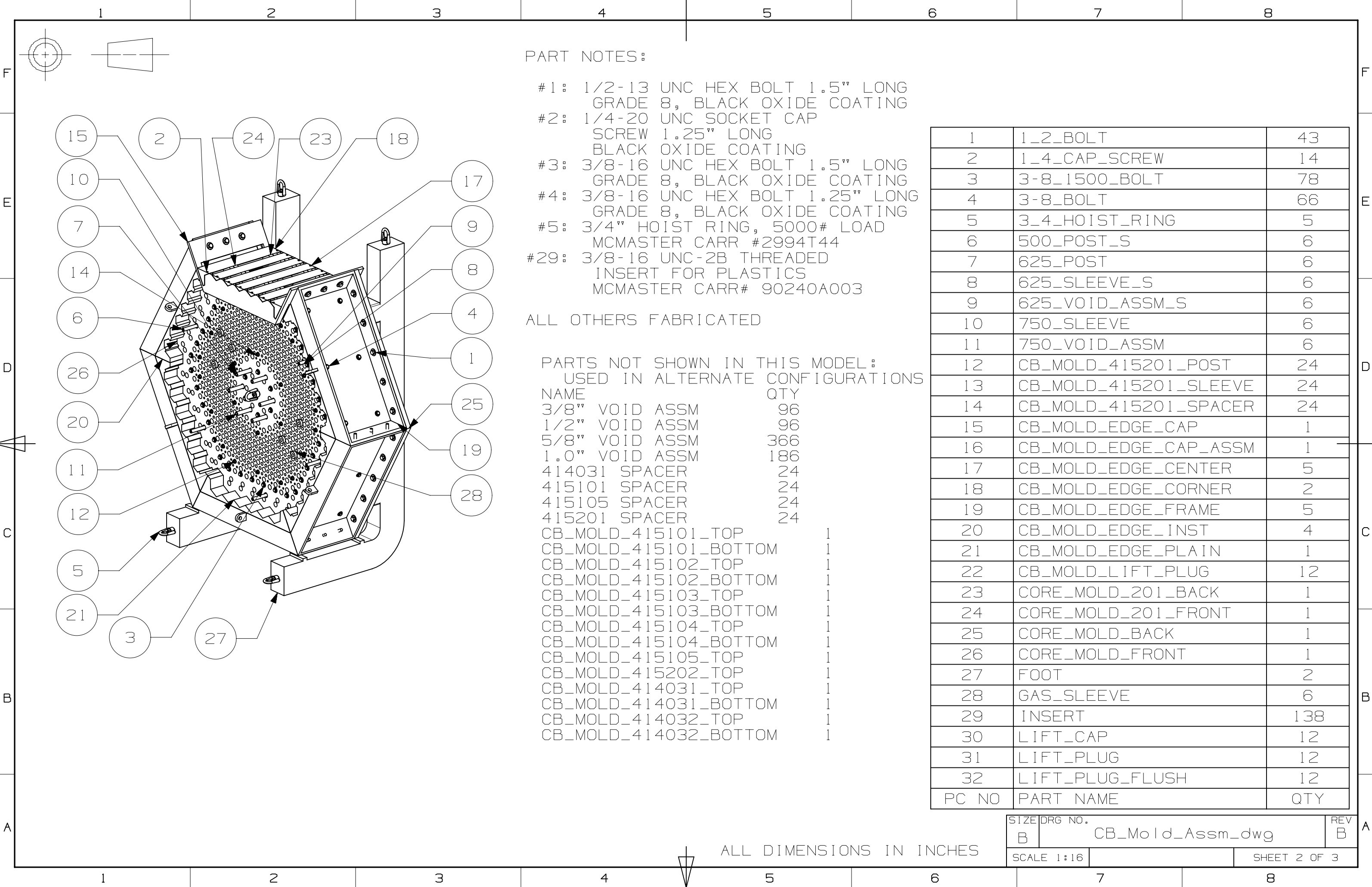


<b>Oregon State</b> <b>UNIVERSITY</b>		HIGH TEMPERATURE TEST FACILITY OREGON STATE UNIVERSITY NUCLEAR ENGINEERING DEPARTMENT CORVALLIS, OR 97331		
DATE	02/17/2012	TITLE CORE BLOCK MOLD ASSEMBLY		
DRAWN BY	CADELL			
REVIEWED BY	J			
APPROVED BY	W	SIZE DRG NO.		REV
		B	CB_Mold_Assm_dwg	B
MATERIAL	ASSM	SCALE 1:16		SHEET 1 OF 3



PART NOTES:

- #1: 1/2-13 UNC HEX BOLT 1.5" LONG  
GRADE 8, BLACK OXIDE COATING
- #2: 1/4-20 UNC SOCKET CAP  
SCREW 1.25" LONG  
BLACK OXIDE COATING
- #3: 3/8-16 UNC HEX BOLT 1.5" LONG  
GRADE 8, BLACK OXIDE COATING
- #4: 3/8-16 UNC HEX BOLT 1.25" LONG  
GRADE 8, BLACK OXIDE COATING
- #5: 3/4" HOIST RING, 5000# LOAD  
MCMASTER CARR #2994T44
- #29: 3/8-16 UNC-2B THREADED  
INSERT FOR PLASTICS  
MCMASTER CARR# 90240A003

ALL OTHERS FABRICATED

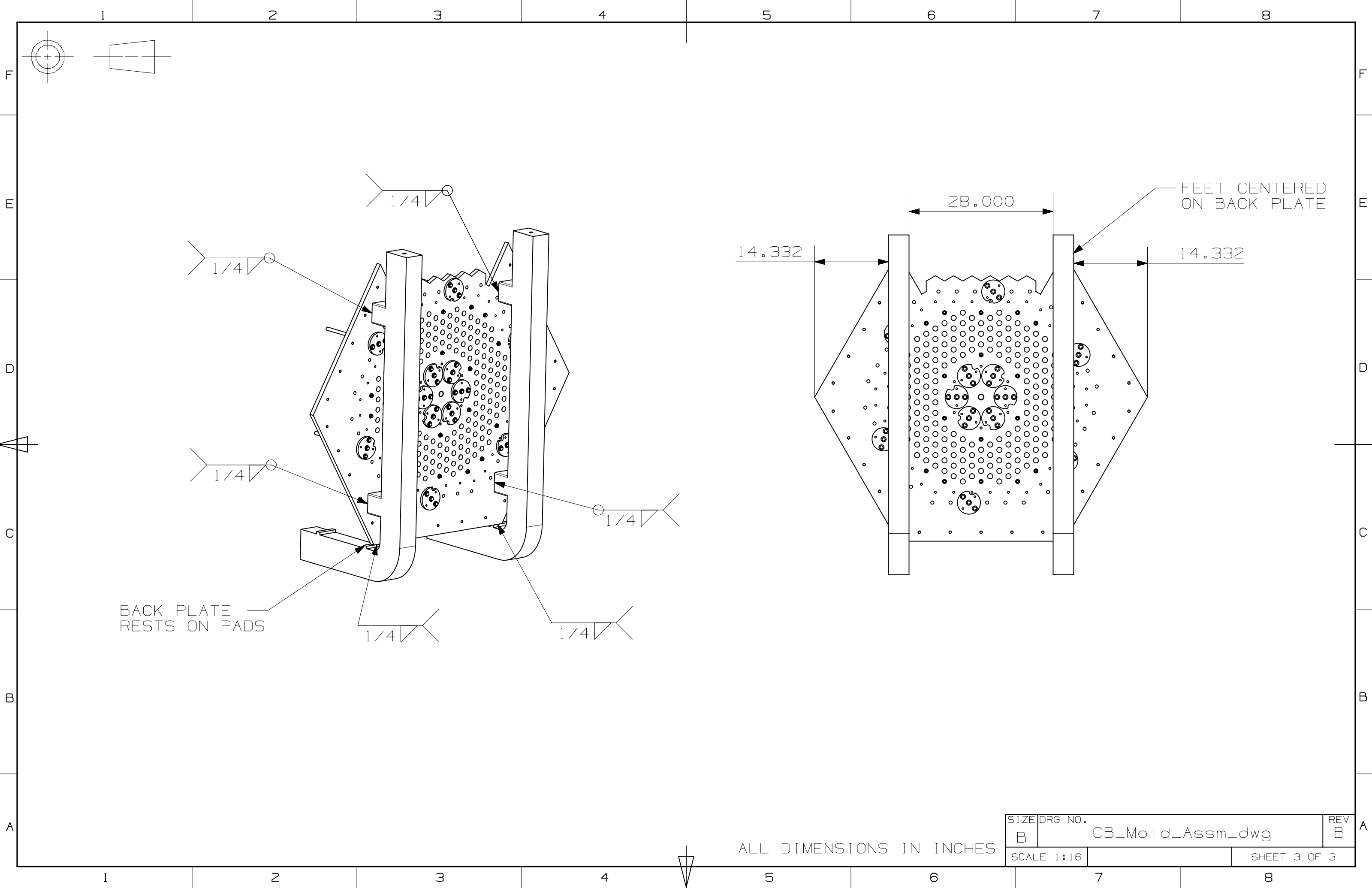
PARTS NOT SHOWN IN THIS MODEL:  
USED IN ALTERNATE CONFIGURATIONS

NAME	QTY
3/8" VOID ASSM	96
1/2" VOID ASSM	96
5/8" VOID ASSM	366
1.0" VOID ASSM	186
414031 SPACER	24
415101 SPACER	24
415105 SPACER	24
415201 SPACER	24
CB_MOLD_415101_TOP	1
CB_MOLD_415101_BOTTOM	1
CB_MOLD_415102_TOP	1
CB_MOLD_415102_BOTTOM	1
CB_MOLD_415103_TOP	1
CB_MOLD_415103_BOTTOM	1
CB_MOLD_415104_TOP	1
CB_MOLD_415104_BOTTOM	1
CB_MOLD_415105_TOP	1
CB_MOLD_415202_TOP	1
CB_MOLD_414031_TOP	1
CB_MOLD_414031_BOTTOM	1
CB_MOLD_414032_TOP	1
CB_MOLD_414032_BOTTOM	1

1	1_2_BOLT	43
2	1_4_CAP_SCREW	14
3	3-8_1500_BOLT	78
4	3-8_BOLT	66
5	3_4_HOIST_RING	5
6	500_POST_S	6
7	625_POST	6
8	625_SLEEVE_S	6
9	625_VOID_ASSM_S	6
10	750_SLEEVE	6
11	750_VOID_ASSM	6
12	CB_MOLD_415201_POST	24
13	CB_MOLD_415201_SLEEVE	24
14	CB_MOLD_415201_SPACER	24
15	CB_MOLD_EDGE_CAP	1
16	CB_MOLD_EDGE_CAP_ASSM	1
17	CB_MOLD_EDGE_CENTER	5
18	CB_MOLD_EDGE_CORNER	2
19	CB_MOLD_EDGE_FRAME	5
20	CB_MOLD_EDGE_INST	4
21	CB_MOLD_EDGE_PLAIN	1
22	CB_MOLD_LIFT_PLUG	12
23	CORE_MOLD_201_BACK	1
24	CORE_MOLD_201_FRONT	1
25	CORE_MOLD_BACK	1
26	CORE_MOLD_FRONT	1
27	FOOT	2
28	GAS_SLEEVE	6
29	INSERT	138
30	LIFT_CAP	12
31	LIFT_PLUG	12
32	LIFT_PLUG_FLUSH	12
PC NO	PART NAME	QTY

ALL DIMENSIONS IN INCHES

SIZE	DRG NO.	REV
B	CB_Mold_Assm_dwg	B
SCALE 1:16	SHEET 2 OF 3	



BACK PLATE  
RESTS ON PADS

FEET CENTERED  
ON BACK PLATE

ALL DIMENSIONS IN INCHES

SIZE	DRG NO.	REV
B	CB_Mold_Assm_dwg	B
SCALE 1:16		SHEET 3 OF 3