



(2) 2 x 12 DOUGLAS FIR
w/ 1.0 INCH THK PLYWOOD
SHEATHING BOTH SIDES
ATTACHED WITH ADHESIVE
& 3" DECK SCREWS OR
16 NAILS 8" O.C.

0.530 DIA DRILL THRU
4 HOLES AS SHOWN
HOLE PATTERN TYPICAL
20 PLACES EQUALLY SPACED
18.0° APART
80 HOLES TOTAL
USE TEMPLATE 24A6233

NOTES:

- 1. CONSTRUCT ENTIRE WOOD FRAME AND SHEATH WITH 1" PLYWOOD BOTH SIDES USING CONSTRUCTION ADHESIVE AND GALVANIZED STEEL DECK SCREWS.
- 2. ATTACH STEEL BEAM PER BASE DETAIL. DO NOT APPLY ADHESIVE BETWEEN WOOD RUNNER ON TOP OF BEAM AND PLYWOOD.
- 3. LOCATE AND DRILL (80) .560 DIA HOLES USING TEMPLATE 24A6233.
- 4. DRILL WHEEL TRUCK HOLES.
- 5. CLAMP STEEL BRACKETS IN PLACE, MATCH DRILL, AND BOLT TO FRAME.
- 6. REMOVE CENTER CONNECTING BRACKETS AND SAW FRAME INTO 2 PARTS AT PARTING LINE.
- 7. SHIP TO 77A IN HALVES.
- 8. EST. WT. = 1500 LBS.

24A6226	
2 14	PIPE 1" NOM STL X 5.00' LG.
2 13	WASHER 1" NOM STL CAD PL
132 12	WASHER 1/2" NOM STL CAD PL
20 11	WASHER 3/8" NOM STL CAD PL
2 10	NUT 1" 18-UNC HEX STL CAD PL
68 9	NUT 1/2"-18UNC HEX STL CAD PL
2 7	BOLT 1-18UNC HEX HD STL X 8.0' LG
68 6	BOLT 1-1/2-18UNC HEX HD STL X 7.0' LG
20 5	MACH SCREW 3/8-16UNC FLT HD STL X 2.5" LG
A.R. 4	PLYWOOD EXTERIOR GRADE X 1.0" THK
A.R. 3	LUMBER CONSTRUCTION GRADE 1.5 X 3.0 X 16-8 D.F.
A.R. 2	LUMBER CONSTRUCTION GRADE 2 X 6 D.F.
A.R. 1	LUMBER CONSTRUCTION GRADE 2 X 12 D.F.
1	SUPPORT FRAME HOLE TEMPLATE
1	SUPPORT FRAME BEAM
4	SUPPORT FRAME CONNECTING BRACKET LOWER
4	SUPPORT FRAME CONNECTING BRACKET UPPER
4	SUPPORT FRAME CONNECTING BRACKET CENTER
RECD TEMP AND	
FACT SHOP ORDERS	
DATE ORIGINAL	
INSTR	
REVID	

UNLESS OTHERWISE SPECIFIED	REVISION	DATE	CHANGES
1	X # 1		
2	X # 2		
3	X # 3		
4	X # 4		
5	X # 5		
6	X # 6		
7	X # 7		
8	X # 8		
LAWRENCE BERKELEY LABORATORY UNIVERSITY OF CALIFORNIA-BERKELEY RHIC-STAR-TPC OUTER FIELD CAGE - GAS VESSEL SUPPORT FRAME ASSEMBLY PATENT CLEARANCE TYPE SHOWN ON SCALE FULL DESIGNER: CAYLOR DATE 11-08-94 PROJECT NO. 0000000 DRAWN BY: J. BERKOVITZ REV. NO. 0000000 CHECKED BY: J. BERKOVITZ REV. NO. 0000000 REFERENCES: ANSI Y11.5 & B46.1 REV. 11-74-94			