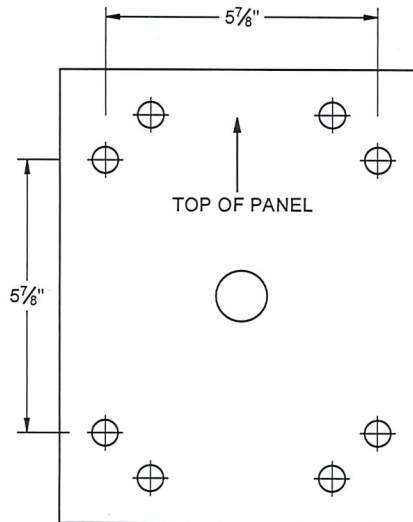


**SITUATION A**  
**(4x) SCREWS**

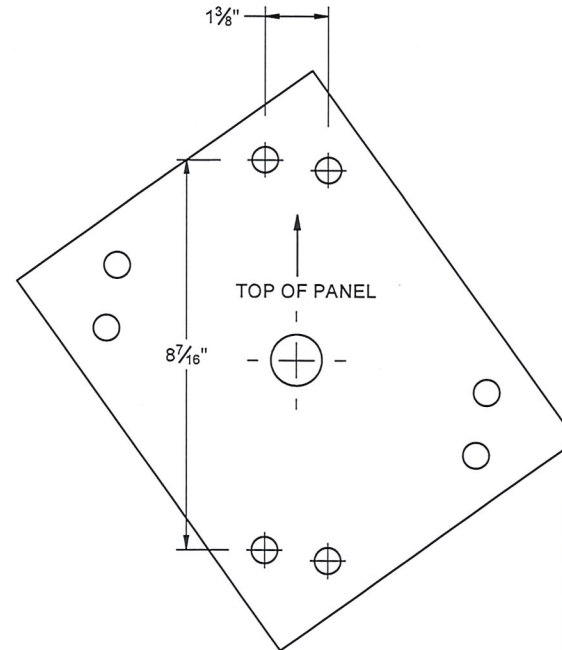
SITUATION A	
Thread Length	Max Load
60 mm (2-3/8")	2250KG (4950lb)
80mm (3-1/8")	3150KG (6930lb)
100mm (3-15/16")	4410KG (9700lb)
120mm (4-3/4")	5400KG (11880lb)
145mm (5-11/16")	6750KG (14850lb)

DENOTES ASSY Kombi SCREW LOCATION



**SITUATION B**  
**(8x) SCREWS**

SITUATION B	
Thread Length	Max Load
60mm (2-3/8")	4000KG (8900lb)
80mm (3-1/8")	6000KG (13260lb)
100mm (3-15/16")	7650KG (16830lb)
120mm (4-3/4")	9000KG (19800lb)
145mm (5-11/16")	9900KG (21750lb)



**SITUATION C**  
**(4x) SCREWS**

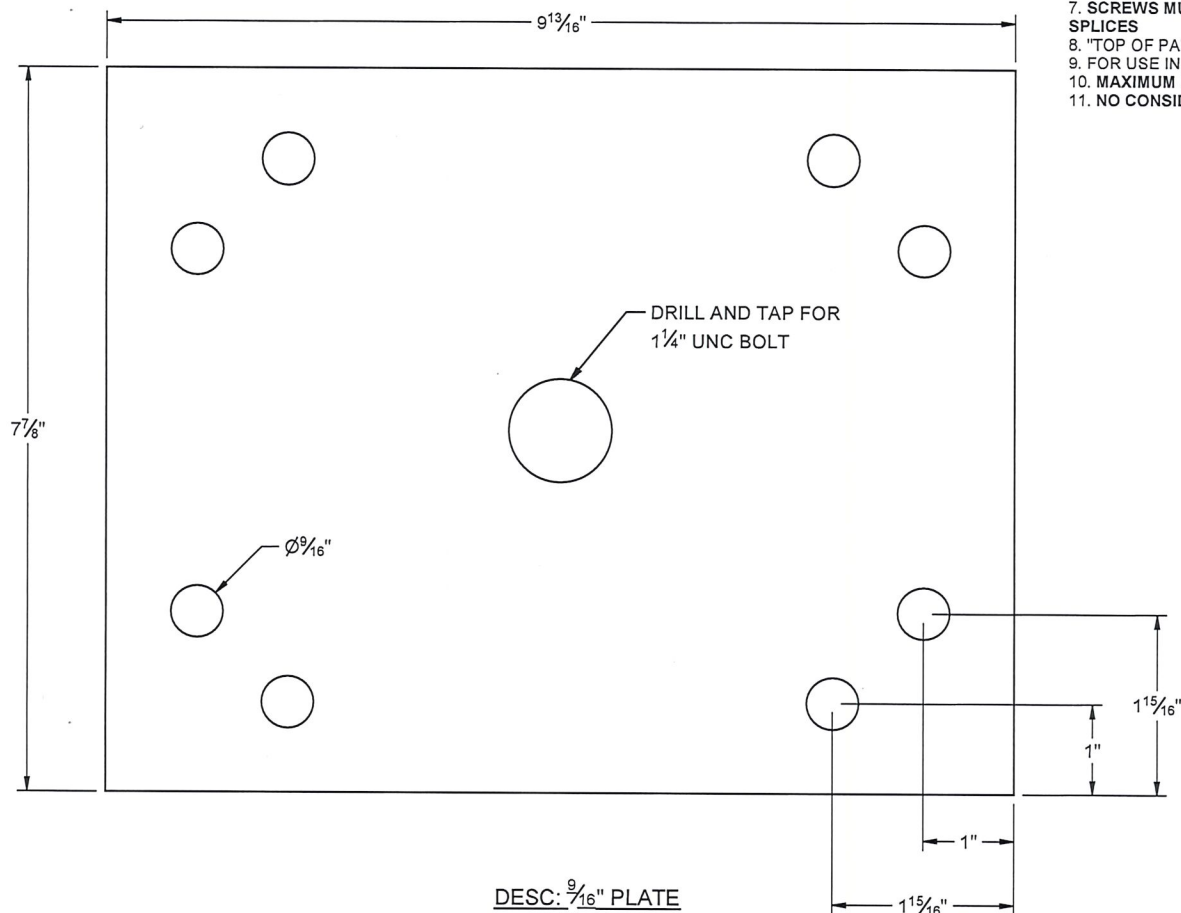
SITUATION C	
Thread Length	Max Load
60mm (2-3/8")	900KG (1900lb)
80mm (3-1/8")	1200KG (2700lb)
100mm (3-15/16")	1600KG (3500lb)
120mm (4-3/4")	2000KG (4300lb)
145mm (5-11/16")	2400KG (5300lb)

**GENERAL NOTES:**

1. ALL STRUCTURAL PLATE MATERIAL TO BE CSA G40.21-50W (350W).
2. ALL FASTENERS TO BE 12mm (1/2") SWG ASSY Kombi SCREWS
3. MILL CERTIFICATION REQUIRED FOR ALL MATERIALS USED.
4. CONTRACTOR / FABRICATOR TO CONFIRM ALL NEW MATERIAL DETAILS AND DIMENSIONS FOR PROPER FIT UP.
5. **MINIMUM SLING ANGLE = 60°**
6. TO BE USED WITH: -CROSBY HR-1000 HEAVY LIFT SWIVEL HOIST RINGS. (WLL= 15000lb)  
-DAYTON SUPERIOR T26 (WLL = 15000lb)  
-1 1/4" EYEBOLT (WLL = 15000lb)
7. **SCREWS MUST BE FULLY EMBEDDED IN SOLID MATERIAL LOCATED AWAY FROM ANY SPLICES**
8. "TOP OF PANEL" APPLIES TO TILT UP APPLICATION OR WHEN PLATES ATTACHED TO WALL
9. FOR USE IN LIFTING CLT, NLT, AND HEAVY TIMBER FRAMED PANELS AND ASSEMBLIES.
10. **MAXIMUM LOAD BASED ON (2x) PLATES BEING USED.**
11. **NO CONSIDERATION HAS BEEN MADE FOR DYNAMIC LOADING.**



REV	REVISION	DATE	TOLERANCES-U.N.O.	<p>1. We are not liable for errors, omissions or defects in workmanship, unless each item is inspected by Kova personnel during fabrication.</p> <p>2. We are not liable for any claims resulting from third party use.</p> <p>3. Our liability is limited to the cost of one re-design.</p>	<h1>KOVA</h1> <h2>ENGINEERING</h2>		PROJECT: WALL PANEL LIFTING PLATE	
			LINEAR DIMS: 1/16" ANGULAR DIMS: ± 1° CUT SURFACES: 25° MACHINED SURFACES: 125°					
			DRWN BY: B.D.					
			DATE:					
			CHK'D BY: M.HODGSON					
A	FOR REVIEW	7/31/20	CHK'D BY: B.DEVLIN		CLIENT: F3 TIMBER TECHNOLOGIES INC	SCALE: AS SHOWN	DWG. NO.: V56554	
					SHEET: 1 OF 2			



DESC:  $\frac{9}{16}$ " PLATE  
SCALE 1 : 2

#### GENERAL NOTES:

1. ALL STRUCTURAL PLATE MATERIAL TO BE CSA G40.21-50W (350W).
2. ALL FASTENERS TO BE 12mm ( $\frac{1}{2}$ ") SWG ASSY Kombi SCREWS
3. MILL CERTIFICATION REQUIRED FOR ALL MATERIALS USED.
4. CONTRACTOR / FABRICATOR TO CONFIRM ALL NEW MATERIAL DETAILS AND DIMENSIONS FOR PROPER FIT UP.
5. MINIMUM SLING ANGLE = 60°
6. TO BE USED WITH: -CROSBY HR-1000 HEAVY LIFT SWIVEL HOIST RINGS. (WLL = 15000lb)  
-DAYTON SUPERIOR T26 (WLL = 15000lb)  
-1 $\frac{1}{4}$ " EYEBOLT (WLL = 15000lb)
7. SCREWS MUST BE FULLY EMBEDDED IN SOLID MATERIAL LOCATED AWAY FROM ANY SPLICES
8. "TOP OF PANEL" APPLIES TO TILT UP APPLICATION OR WHEN PLATES ATTACHED TO WALL
9. FOR USE IN LIFTING CLT, NLT, AND HEAVY TIMBER FRAMED PANELS AND ASSEMBLIES.
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REV	REVISION	DATE	TOLERANCES-U.N.O.	<p>1. We are not liable for errors, omissions or defects in workmanship, unless each item is inspected by Kova personnel during fabrication.</p> <p>2. We are not liable for any claims resulting from third party use.</p> <p>3. Our liability is limited to the cost of one re-design.</p>	Kova Engineering B.C. Ltd.		
			LINEAR DIMS: $\frac{1}{16}$ " ANGULAR DIMS: $\pm 1^\circ$ CUT SURFACES: $\sqrt{250}$ MACHINED SURFACES: $\sqrt{125}$		PROJECT: WALL PANEL LIFTING PLATE		
			DRWN BY: B.D.		CLIENT: F3 TIMBER TECHNOLOGIES INC		
			DATE: 7/31/20		SCALE: AS SHOWN	DWG. NO.: V56554	
			CHK'D BY: M.HODGSON		SHEET: 2 OF 2		
A	FOR REVIEW	7/31/20	CHK'D BY: B.DEVLIN				