

6 5 4 3 2 1

DATUMS

- A- - MOUNTING FACE OF FLYWHEEL
- B- - ENGINE CRANKSHAFT HORIZONTAL CENTERLINE
- C- - ENGINE CRANKSHAFT VERTICAL CENTERLINE
- CENTER OF GRAVITY OF ENGINE
- CLOCKWISE ROTATION WHEN VIEWED FROM FRONT OF ENGINE

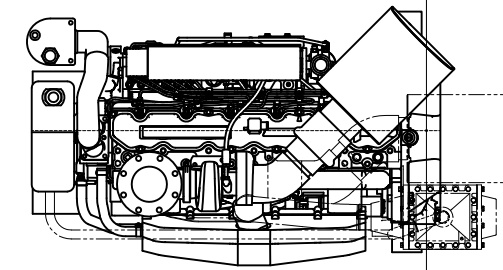
CAUTION

ALL PLUMBING MUST BE SUPPORTED AND/OR ISOLATED SO THAT NO WEIGHT OR STRESS IS APPLIED TO ANY ENGINE COMPONENT

ATTENTION

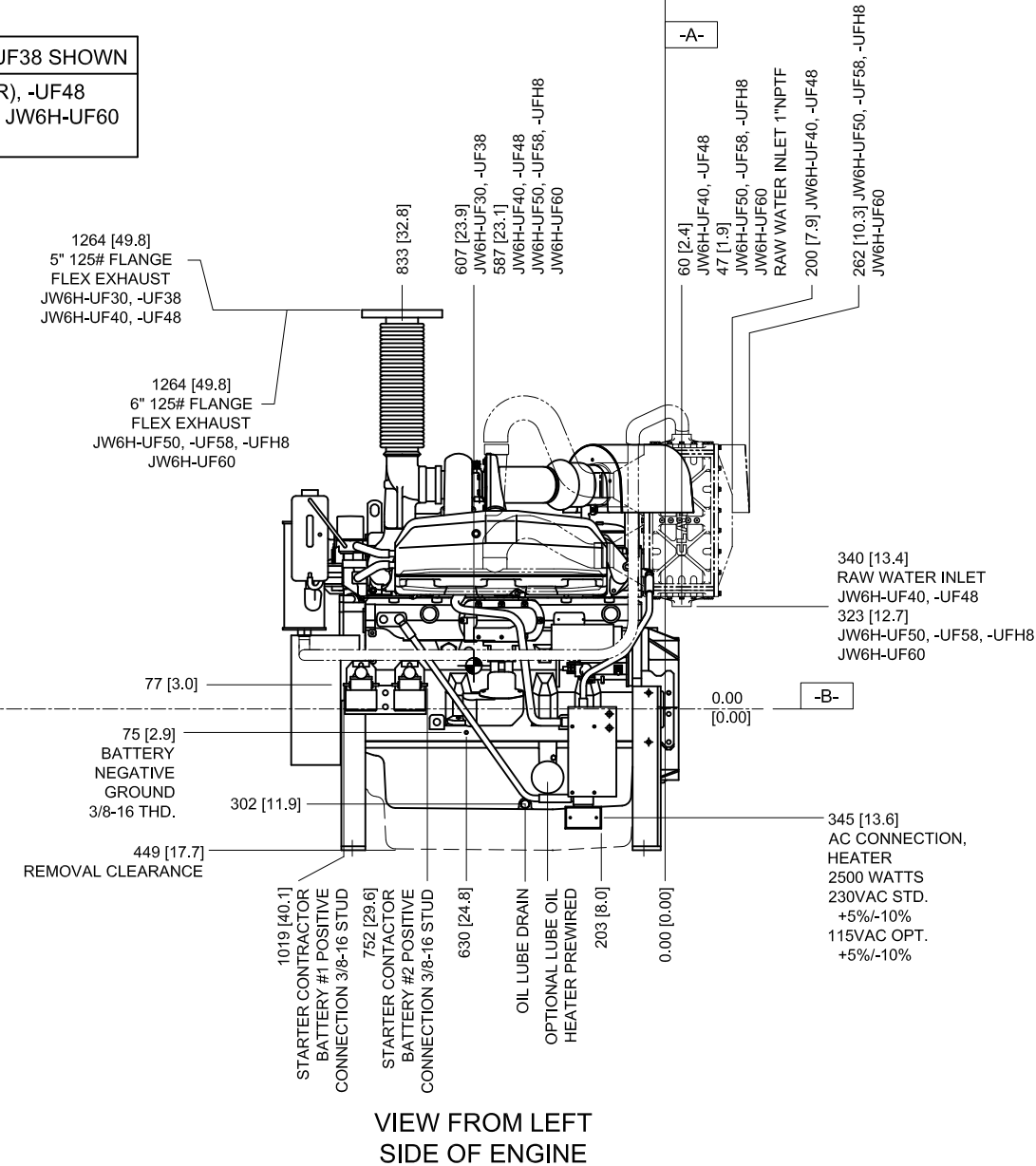
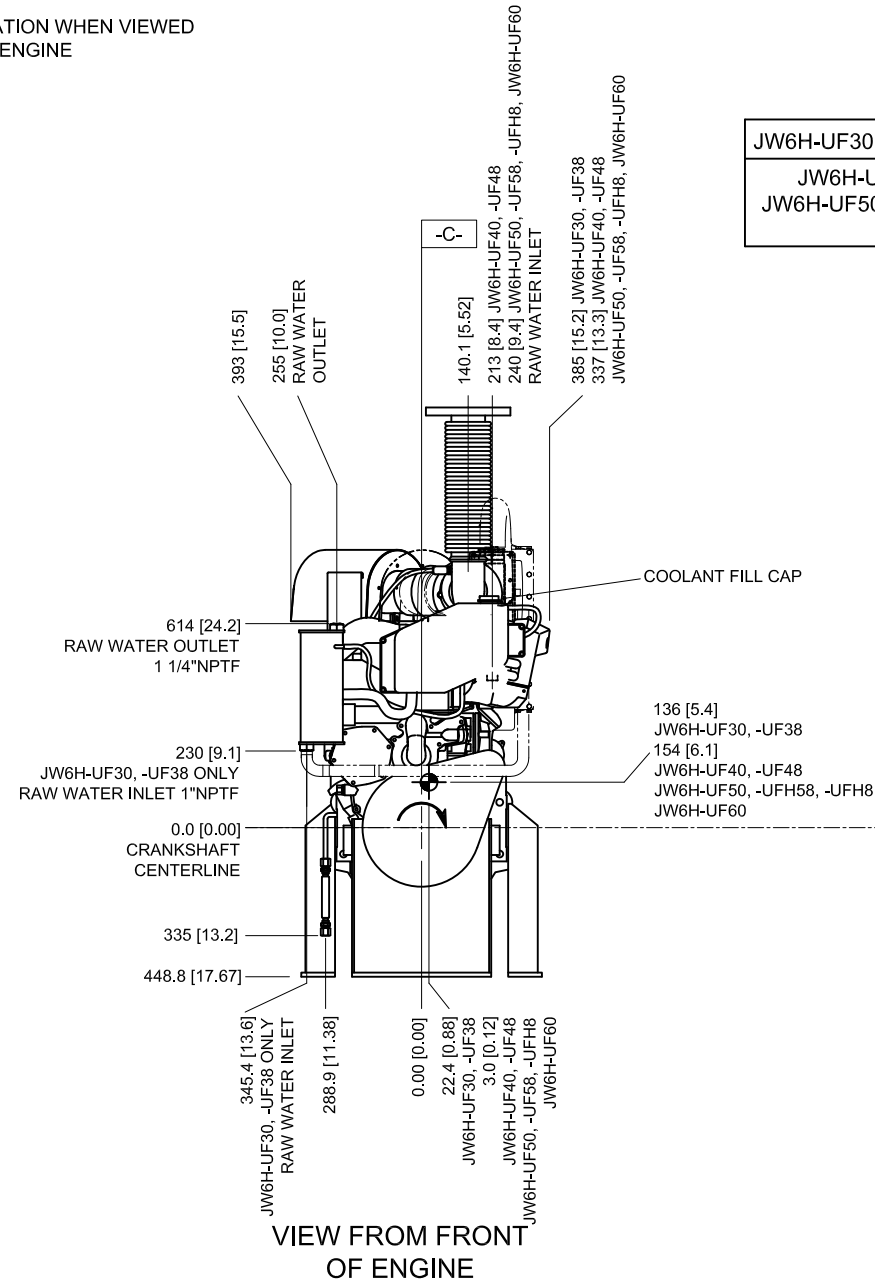
REFER TO THE SPECIFIC MODEL "INSTALLATION AND OPERATION DATA" FOR INSTALLATION GUIDELINES

VIEW FROM TOP OF ENGINE



DO NOT SCALE

JW6H-UF30 (JDFP-06WA) , -UF38 SHOWN
 JW6H-UF40 (JDFP-06WR), -UF48
 JW6H-UF50, -UF58, -UFH8, JW6H-UF60
 IN PHANTOM



REV	DESCRIPTION	ECN#	DWN	APVD	DATE
T	ISSUED ENGINEERING DRAWING	1226	MAL	KRW	23MAY08
U	ADDED DRIP GUARD	1201	MAL	KJK	07MAY09
V	BATTERY NEGATIVE GROUND STUD WAS 32.7 FROM -A-	1913	MAL	KRW	02MAR10
W	DIST. FROM DATUM "A" TO REAR MTG. HOLE WAS 67.5" PER PAGE 2	2227	DGP	KJK	28FEB11

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MACHINE TOLERANCES

DECIMAL	mm	inch
X	±1.5	±0.06
X.X	±0.3	±0.013
X.XX	±0.25	±0.01
X.XXX	±0.12	±0.005

FABRICATION TOLERANCES

DECIMAL	mm	inch
X	±3	±0.12
X.X	±1.5	±0.06
X.XX	±0.75	±0.03
ANGULAR: ±0.5°		
ANGULAR: ±1.0°		

CLARKE
 Fire Protection Products, Inc.

CONTROLLED DRAWING

DRWN MALAUER
 ENGR KWAULIGMAN
 DATE 23APR08
 MATERIAL

INSTALLATION DRAWING, FIRE PUMP ENGINE JW6H-UF MODELS

PART NO. **D495**

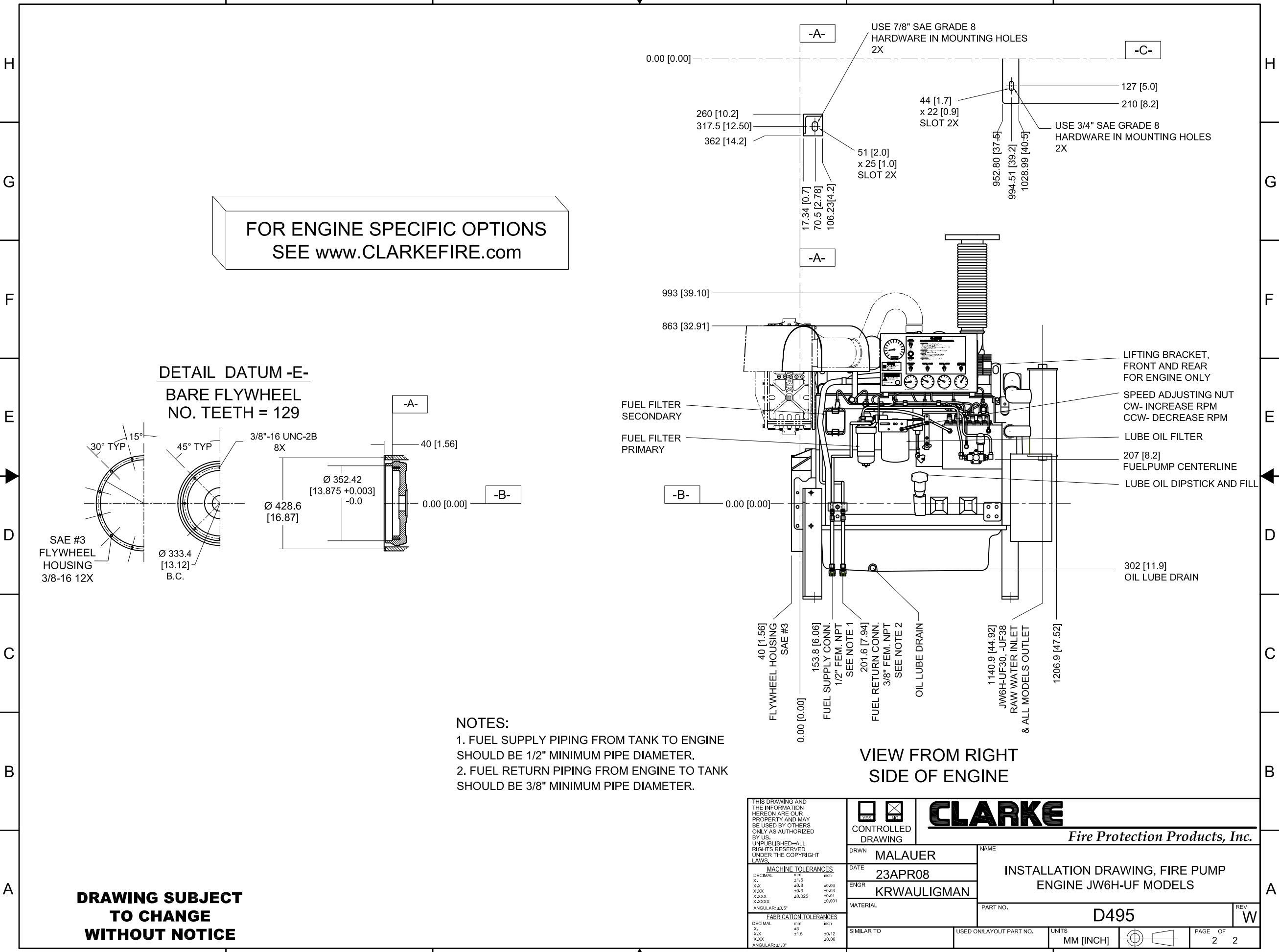
REVISION **W**

SIMILAR TO USED ON LAYOUT PART NO. UNITS **MM [INCH]** PAGE OF **1 2**

DRAWING SUBJECT TO CHANGE WITHOUT NOTICE

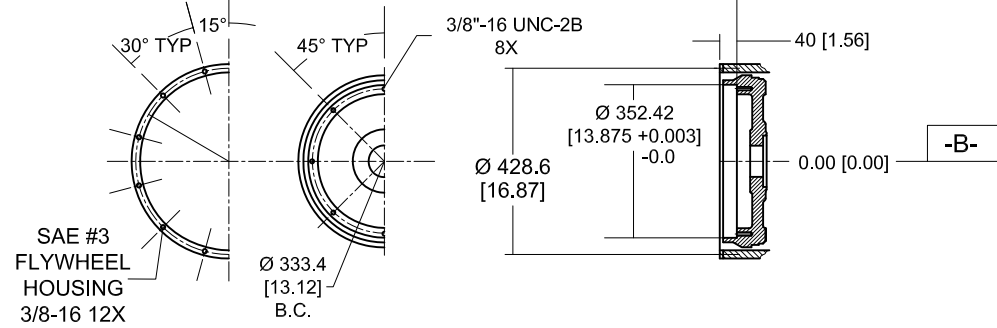
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FOR ENGINE SPECIFIC OPTIONS
SEE www.CLARKEFIRE.com

**DETAIL DATUM -E-
BARE FLYWHEEL
NO. TEETH = 129**



- NOTES:**
1. FUEL SUPPLY PIPING FROM TANK TO ENGINE SHOULD BE 1/2" MINIMUM PIPE DIAMETER.
 2. FUEL RETURN PIPING FROM ENGINE TO TANK SHOULD BE 3/8" MINIMUM PIPE DIAMETER.

**DRAWING SUBJECT
TO CHANGE
WITHOUT NOTICE**

**VIEW FROM RIGHT
SIDE OF ENGINE**

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DRWN MALAUER DATE 23APR08 ENGR KRWAULIGMAN		NAME INSTALLATION DRAWING, FIRE PUMP ENGINE JW6H-UF MODELS		MATERIAL PART NO. D495 REV W	
MACHINE TOLERANCES DECIMAL mm inch X ±1.5 ±0.06 XX ±0.8 ±0.03 XXX ±0.3 ±0.01 XXXX ±0.025 ±0.001 XXXXX ±0.01 ±0.001 ANGULAR: ±0.5°		FABRICATION TOLERANCES DECIMAL mm inch X ±3 ±0.12 XX ±1.5 ±0.06 XXX ±1.5 ±0.06 ANGULAR: ±1.0°		SIMILAR TO USED ON LAYOUT PART NO. UNITS MM [INCH]	
		PAGE 2 OF 2		2 2	

6 5 4 3 2 1