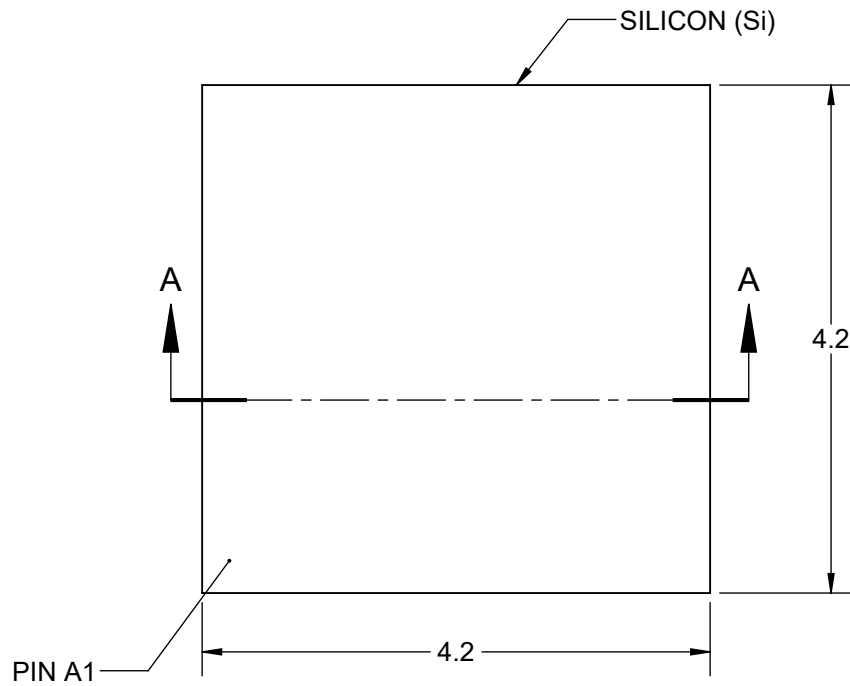
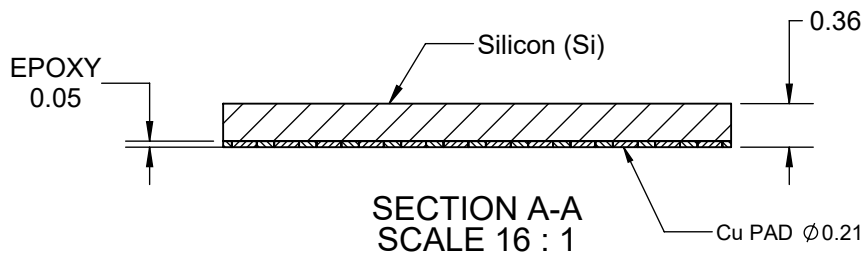
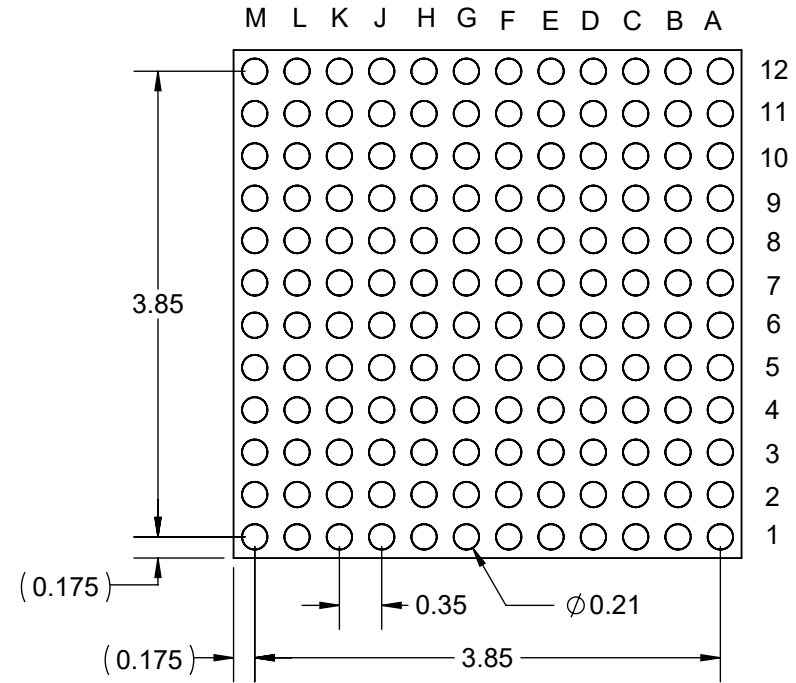


### TOP VIEW




### PAD VIEW



Notes: (Unless Otherwise Specified).

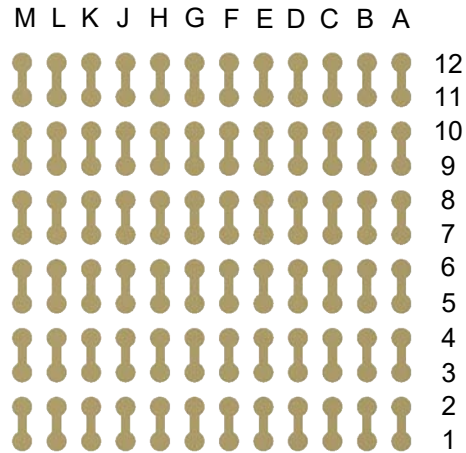
- 1) DIMENSIONS: mm
- 2) PAD ALLOY: Cu (50um THICK).
- 3) NON-SOLDER MASK DEFINED PAD.
- 4) PAD Cu DIAMETER:  $\phi 0.21$ mm.
- 5) SUBSTRATE MATERIAL: Si (SILICON).
- 6) DAISY CHAIN PATTERN (SEE PAGE 2).

PART NUMBER TABLE				
PART NUMBER	PAD	Pb-FREE	RoHS	Si DIE
eWLP144T.35-DC127D	Cu PAD	YES	YES	YES

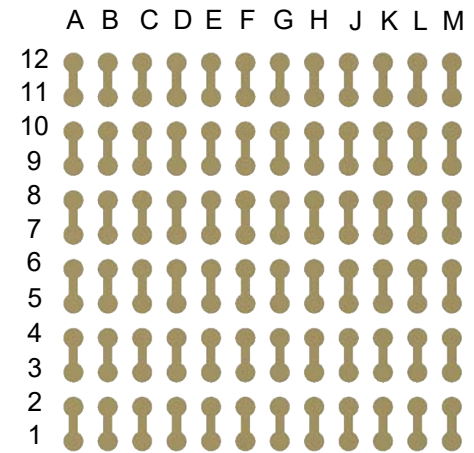
APPROVALS	DATE				
DRAWN T. Au	7/6/2023				
ENG M. Hart	7/6/2023	TITLE eWLP144T.35-DC127D 144L P=0.35mm			
MFG		SCALE 40:1	SIZE A	DRAWING NO. 771270	REV A
QA					
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 5
REVISED					

# DAISY CHAIN PATTERN

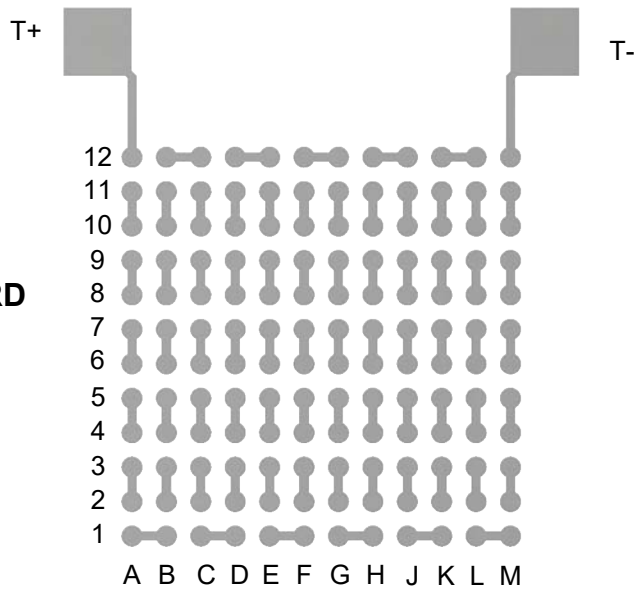
**PAD VIEW**



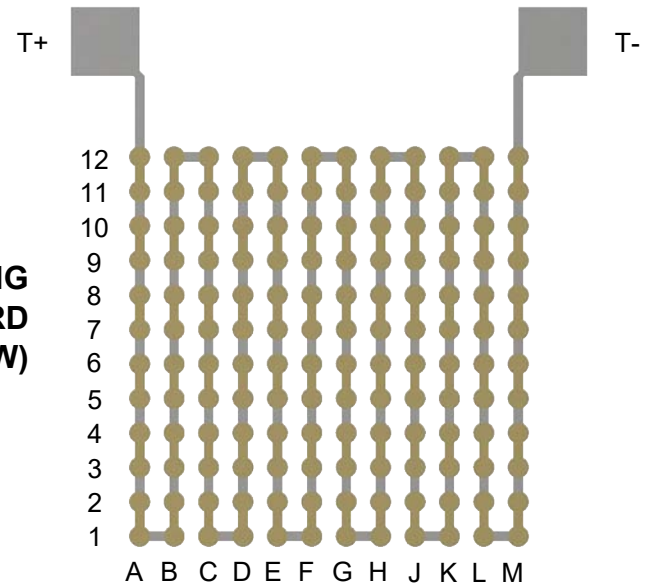
**BOTTOM SIDE  
(TOP X-RAY VIEW)**



**PC BOARD**



**AFTER MOUNTING  
TO TEST BOARD  
(TOP X-RAY VIEW)**

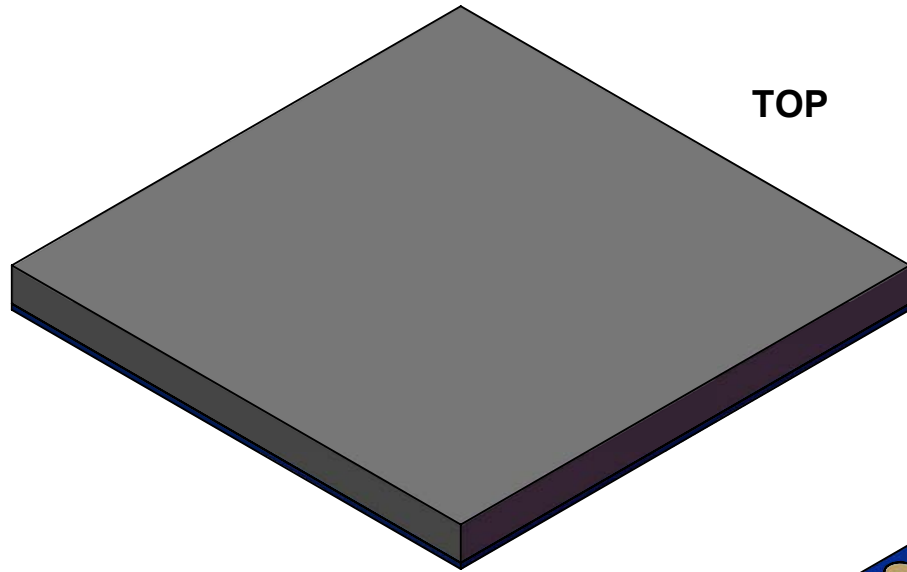


**Notes:**

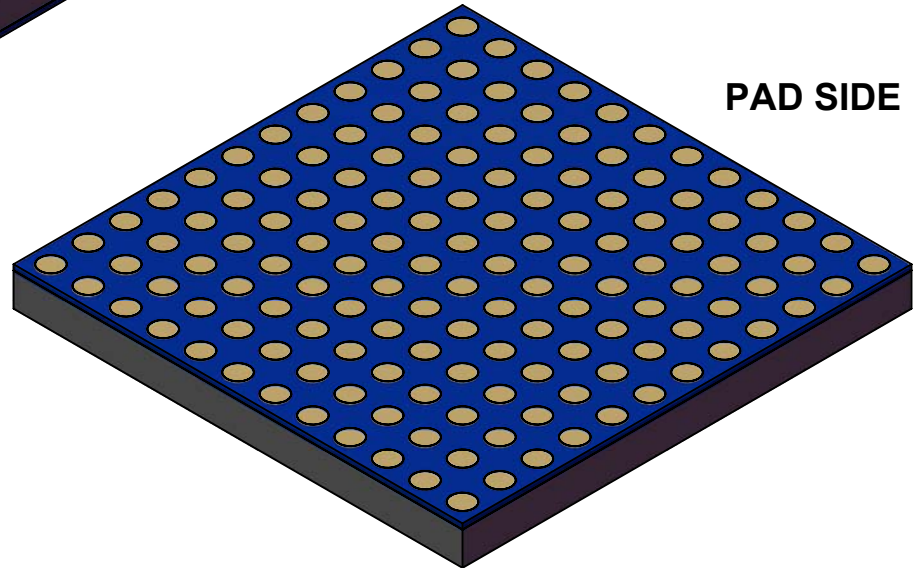
- 1) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.
- 2) PCB Cu PAD DIAMETER:  $\varnothing 0.21\text{mm}$  (8.2 mil).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH: 0.10mm (4 mil).

<b>TopLine<sup>®</sup></b>			
TITLE eWLP144T.35-DC127D 144L P=0.35mm			
SCALE 25:1	SIZE A	DRAWING NO. 771270	REV A
DO NOT SCALE DRAWING		SHEET 2 OF 5	

**MODEL**



**TOP**

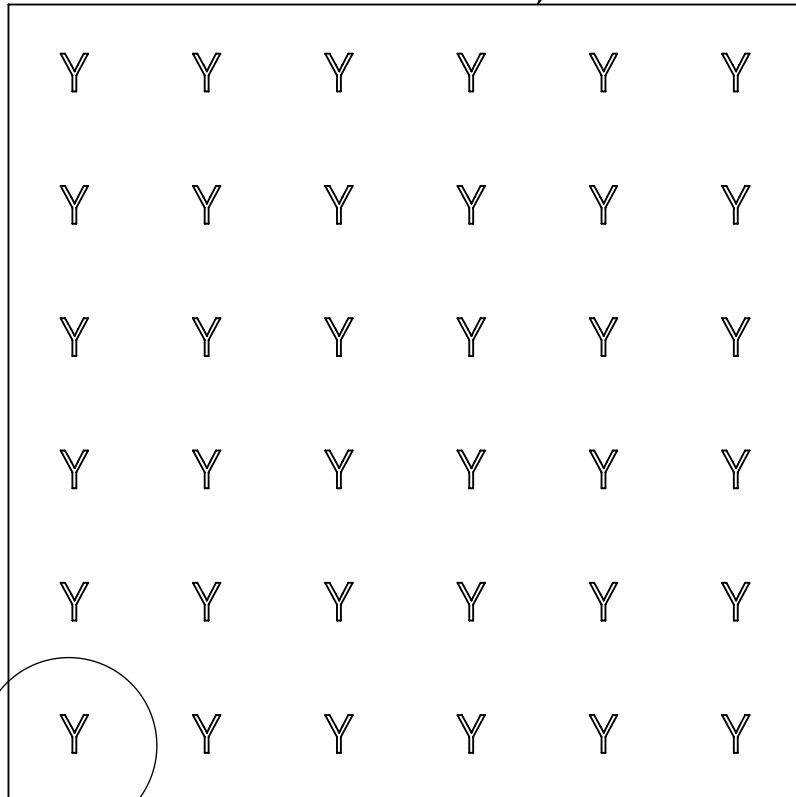


**PAD SIDE**

<b>TopLine<sup>®</sup></b>			
TITLE		eWLP144T.35-DC127D 144L P=0.35mm	
SCALE	SIZE	DRAWING NO.	REV
40:1	A	771270	A
DO NOT SCALE DRAWING			SHEET 3 OF 5

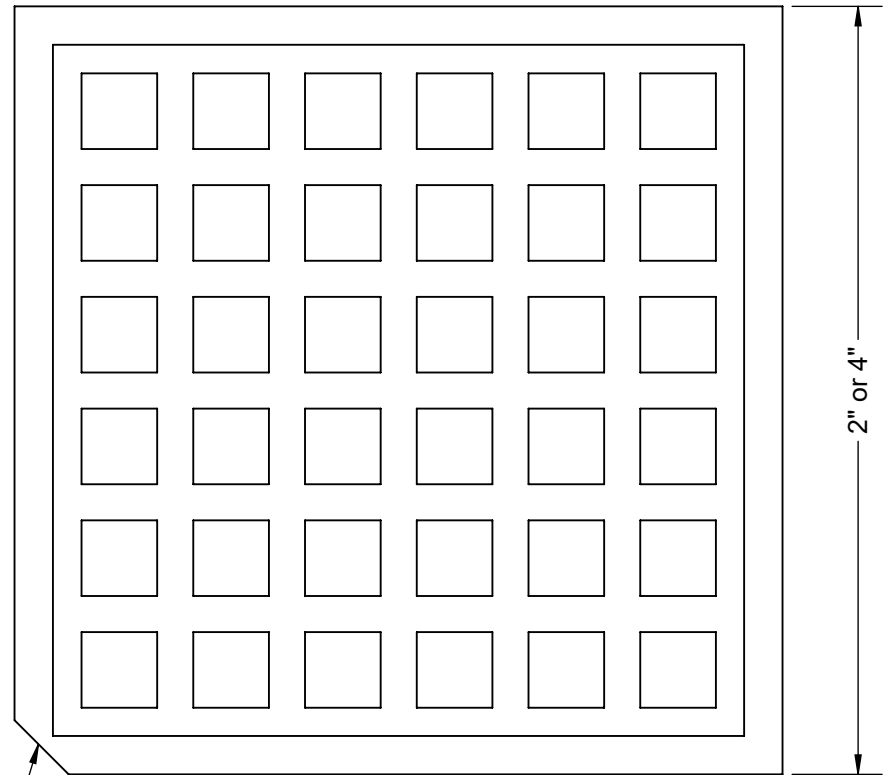
**TOP VIEW**

SILICON (Si)



EXAMPLE ORIENTATION OF MARKING ON eWLP

**TYPICAL WAFFLE PACK IC CHIP TRAY SCALE = 2:1**



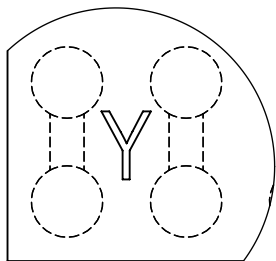
NUMBER OF POCKETS WILL CHANGE BASED ON THE SIZE OF THE WLP CHIP

B

PIN 1

PIN 1 CHAMFER

2" or 4"



DAISY CHAIN ORIENTATION  
DETAIL B  
SCALE 45 : 1

MARKING CODE	
PITCH	LETTER
0.35mm	Y

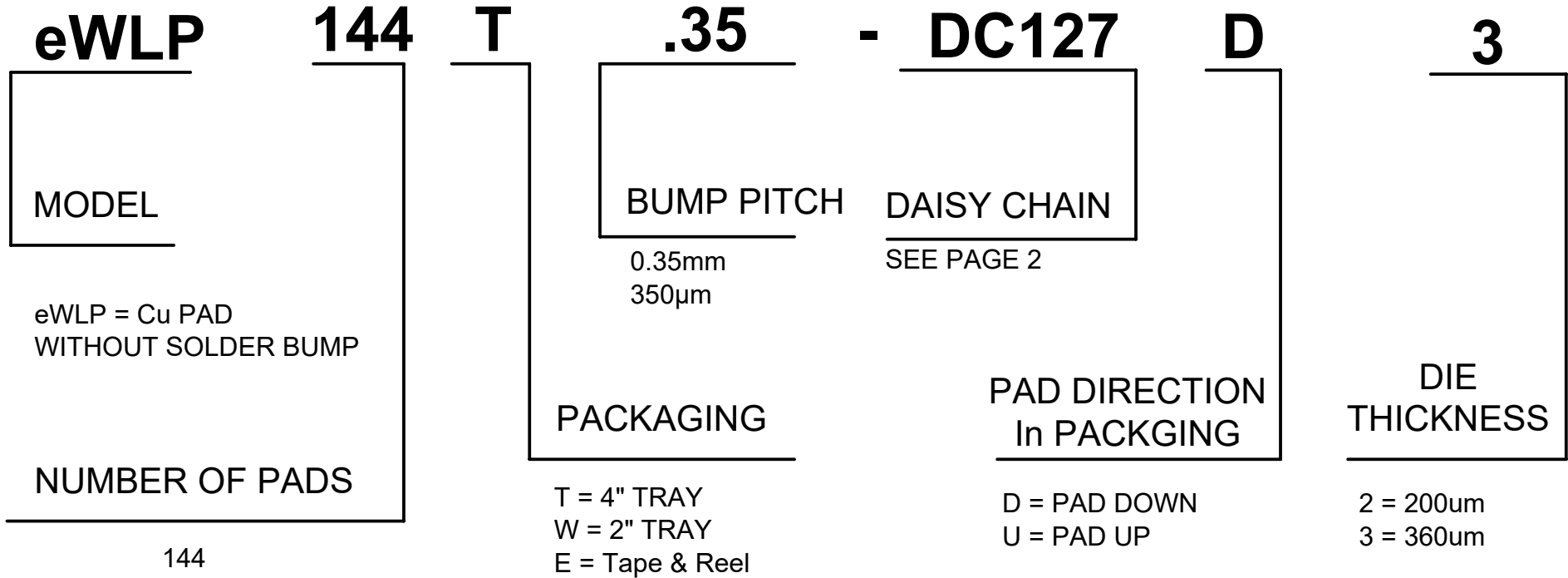
\* SUBJECT TO CHANGE

Notes: (Unless Otherwise Specified).

- 1) EXAMPLE OF TOP SIDE LASER MARKING.
- 2) ORIENT LETTERS FOR LOCATION OF PIN A1 CORNER.
- 3) ALLOWABLE LETTER MARKING: A, F, T, M, L, Y, AND P.
- 4) SINGLE LETTER IS REPEATED MULTIPLE TIMES ACROSS TOP SIDE.
- 5) DAISY CHAIN IS HIDDEN UNDER RESIN ON BALL SIZE.
- 6) TOP SIDE DOES NOT HAVE A DOT FOR LOCATION OF PIN A1.
- 7) LETTERS ARE NOT MARKED ON BOTTOM (BALL) SIDE.

<b>TopLine<sup>®</sup></b>			
TITLE eWLP144T.35-DC127D 144L P=0.35mm			
SCALE 30:1	SIZE A	DRAWING NO. 771270	REV A
DO NOT SCALE DRAWING		SHEET 4 OF 5	

# PART NUMBER SYSTEM



PART NUMBER	PAD FACING DOWN	QTY
eWLP144W.35-DC127D##	2" CHIP TRAY	49
eWLP144T.35-DC127D##	4" CHIP TRAY	196
eWLP144E.35-DC127D##	T&R	1000

PART NUMBER	PAD FACING UP	QTY
eWLP144W.35-DC127U##	2" CHIP TRAY	49
eWLP144T.35-DC127U##	4" CHIP TRAY	196
eWLP144E.35-DC127U##	T&R	1000

**TopLine<sup>®</sup>**

TITLE      eWLP144T.35-DC127D  
144L P=0.35mm

SCALE 30:1	SIZE A	DRAWING NO. 771270	REV A
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DO NOT SCALE DRAWING      SHEET 5 OF 5