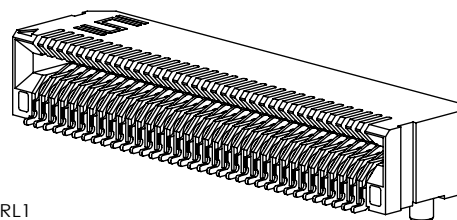
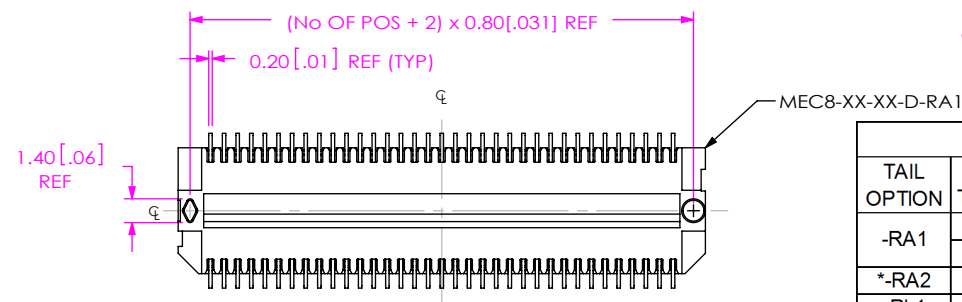
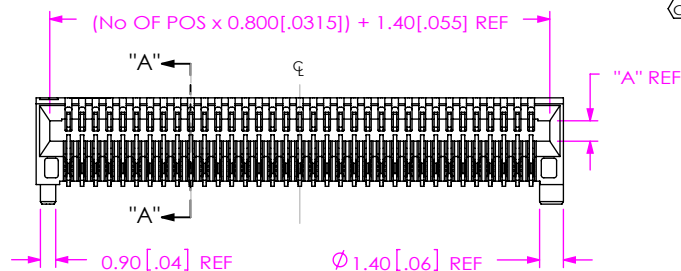
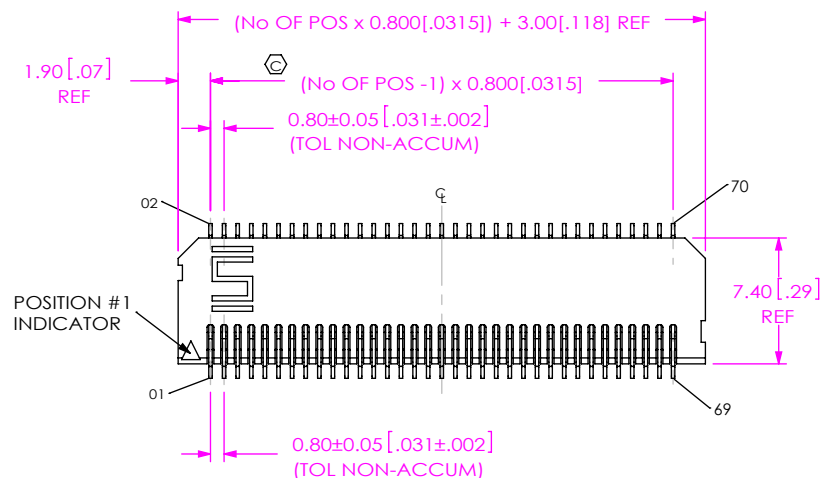


DO NOT  
SCALE FROM  
THIS PRINT

## NOTES:

1.  $\phi$  REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: .5 LB.
4. -02 CARD THICKNESS ONLY AVAILABLE ON -RA1 & -RL1 TAIL OPTION.
5. PARTS TO BE PACKAGED IN TRAYS UNLESS OTHERWISE SPECIFIED.

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## MEC8-1XX-XX-XX-D-RXX-XX

## No OF POSITIONS (PER ROW)

-10, -20, -30, -35 (SEE FIG 1)  
-40 & -50 (SEE FIG 2, SHEET 2)  
-13, -25, -37, -49 (-02 CARD THICKNESS ONLY, SEE FIG 2)

## CARD THICKNESS

-01: 1mm [.039] THICK CARD  
(USE MEC8-XX-01-D-RAX)  
\*\* -02: 1.57mm [.062] THICK CARD  
(USE MEC8-XX-02-D-RAX)

## PLATING

-L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

## OPTION

-TR: TAPE & REEL  
(SEE FIG 5, SHT 3)

## TAIL OPTION

-RA1: STANDARD (SEE FIG 1)  
(USE MEC8-XX-XX-D-RA1, C-173-01-X & C-174-XX-X)  
\*-RA2: ELEVATED (SEE FIG 3, SHT 3)  
(USE MEC8-XX-XX-D-RA2, C-173-02-X & C-174-02-X)  
-RL1: LATCHING (SEE FIG 4, SHT 4)  
(USE MEC8-XX-XX-D-RL1, C-173-01-X, C-174-03-X & WT-25-03-T, AVAILABLE IN POS -13, -25, -37 & -49)

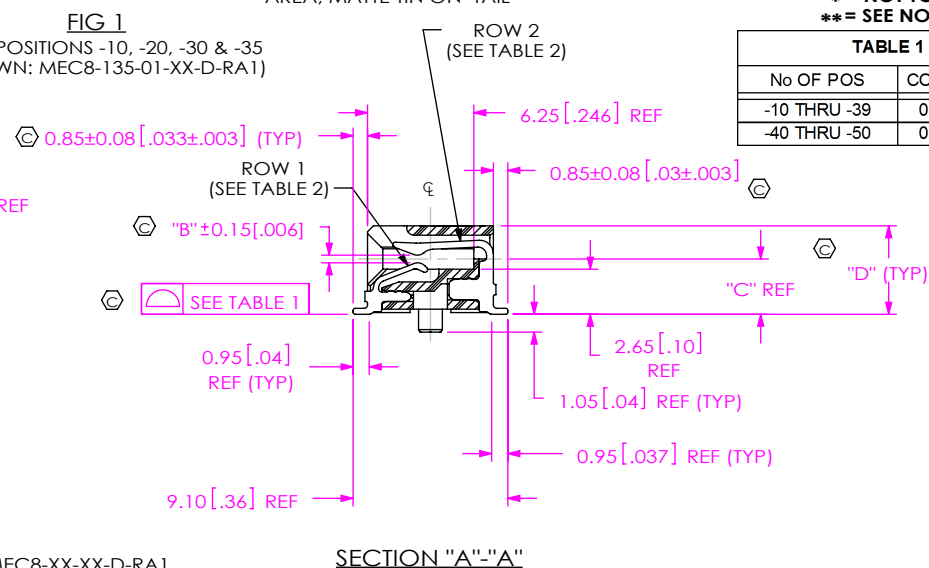
## ROW SPECIFICATION

-D: DOUBLE  
(USE MEC8-XX-XX-D-RXX)

\* = NOT TOOLED  
\*\* = SEE NOTE 4

TABLE 1

| No OF POS    | COPLANARITY  |
|--------------|--------------|
| -10 THRU -39 | 0.102[.0040] |
| -40 THRU -50 | 0.152[.0060] |



SECTION "A"- "A"

TABLE 2

| TAIL OPTION | CARD THICKNESS | ROW 1 CONTACT | ROW 2 CONTACT | "A"        | "B"        | "C"        | "D"        |
|-------------|----------------|---------------|---------------|------------|------------|------------|------------|
| -RA1        | -01            | C-173-01-XX   | C-174-01-XX   | 1.20[.047] | 0.45[.018] | 3.25[.128] | 5.20[.205] |
| -RA1        | -02            | C-173-01-XX   | C-174-03-XX   | 1.80[.071] | 0.95[.037] | 3.54[.139] | 5.78[.227] |
| *-RA2       | -01            | C-173-02-XX   | C-174-02-XX   | 1.20[.047] | 0.45[.018] | 5.25[.207] | 7.20[.283] |
| -RL1        | -02            | C-173-01-XX   | C-174-03-XX   | 1.80[.071] | 0.95[.037] | 3.54[.139] | 5.78[.227] |

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:

DECIMALS ANGLES  
.X:  $\pm 0.3[.01]$  2°  
.XX:  $\pm 0.13[.005]$   
.XXX:  $\pm 0.051[.0020]$

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MATERIAL: DO NOT SCALE DRAWING

FLAMMABILITY RATING: UL 94V-0

INSULATOR: LCP

-01: COLOR: NATURAL

-02: COLOR: BLACK

CONTACT: PHOS BRONZE

WELB TABS: PHOS BRONZE

SHEET SCALE: 2:25:1

DESCRIPTION:

0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

DWG. NO.

MEC8-1XX-XX-XX-D-RXX-XX

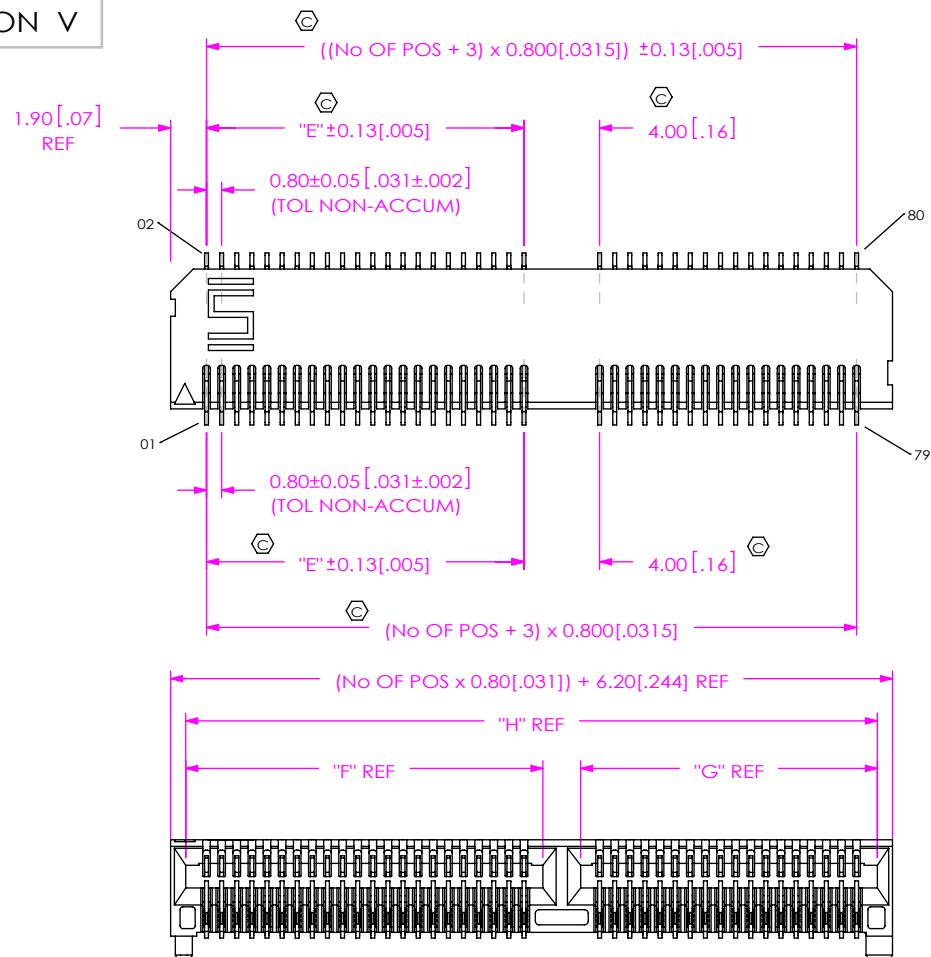
BY: KEVIN B

10/18/01

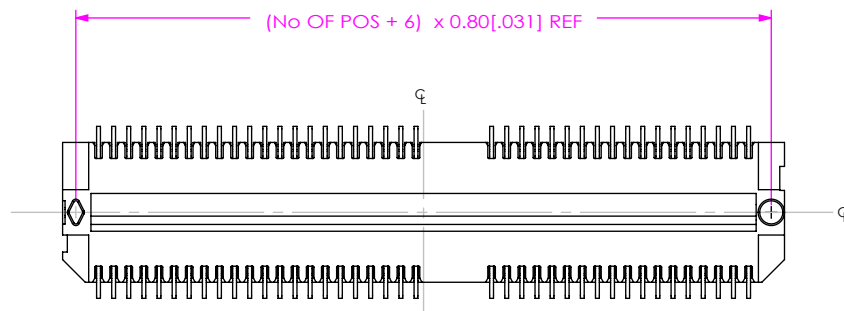
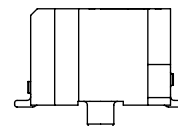
SHEET 1 OF 4

**samtec**

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322



| TABLE 3         |              |             |             |              |
|-----------------|--------------|-------------|-------------|--------------|
| No OF POSITIONS | "E"          | "F" REF     | "G" REF     | "H" REF      |
| -13             | 4.00[.1575]  | 6.10[.240]  | 6.90[.272]  | 15.00[.591]  |
| -25             | 4.00[.1575]  | 6.10[.240]  | 16.50[.650] | 24.60[.969]  |
| -37             | 16.00[.6299] | 18.10[.713] | 14.10[.555] | 34.20[1.346] |
| -40             | 16.80[.6614] | 18.90[.744] | 15.70[.618] | 36.60[1.441] |
| -49             | 20.80[.8189] | 22.90[.902] | 18.90[.744] | 43.80[1.724] |
| -50             | 20.80[.8189] | 22.90[.902] | 19.70[.776] | 44.60[1.756] |



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SHEET SCALE: 2.5:1

**samtec**

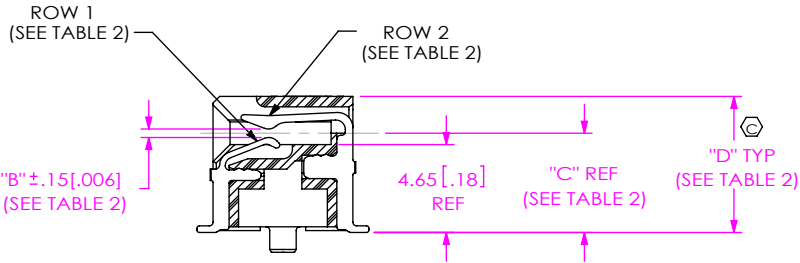
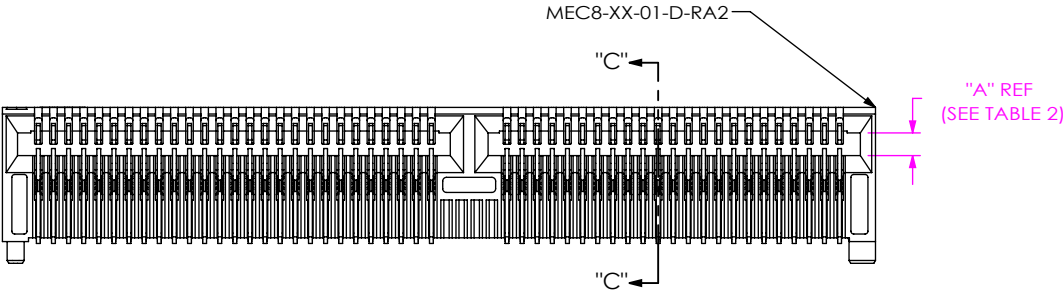
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

DWG. NO.  
**MEC8-1XX-XX-XX-D-RXX-XX**

BY: KEVIN B 10/18/01 SHEET 2 OF 4

FIG 3  
-RA2: ELEVATED OPTION  
(SAME AS FIG 2, UNLESS OTHERWISE STATED)  
(SHOWN: MEC8-150-01-XX-D-RA2)  
\* = NOT TOOLED



SECTION "C"-"C"

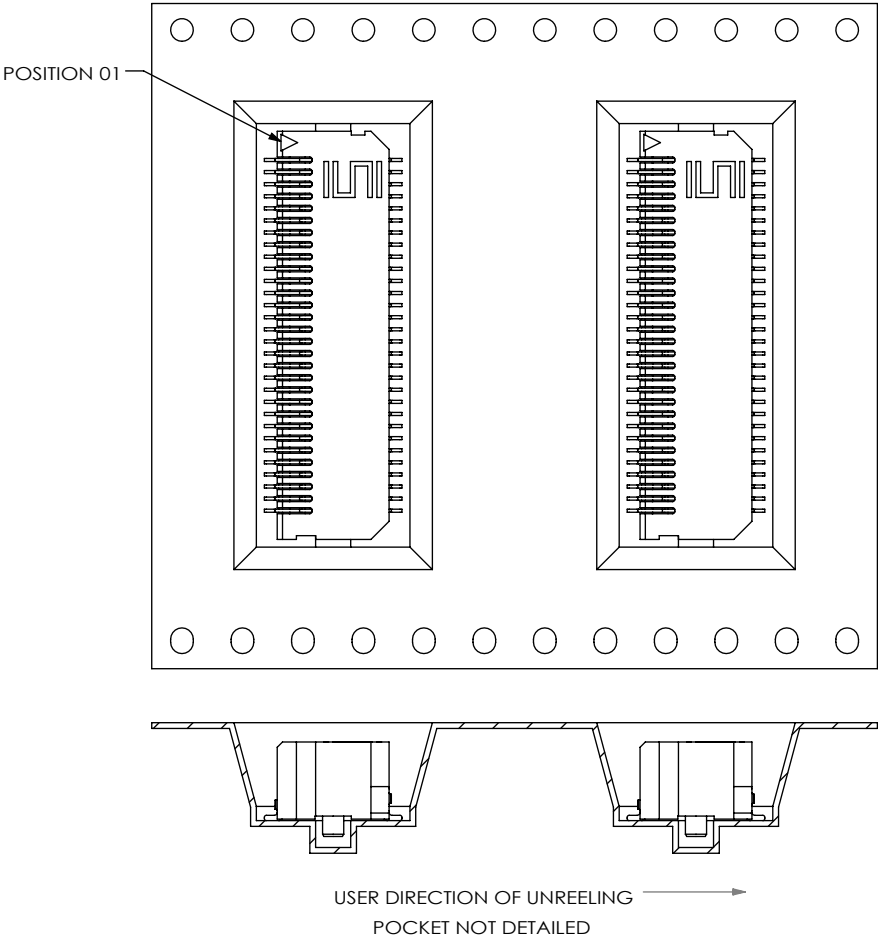


FIG 5  
TAPE & REEL

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SHEET SCALE: 2.5:1



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e-Mail info@SAMTEC.com code 55322

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DWG. NO.  
**MEC8-1XX-XX-XX-D-RXX-XX**

BY: KEVIN B 10/18/01 SHEET 3 OF 4

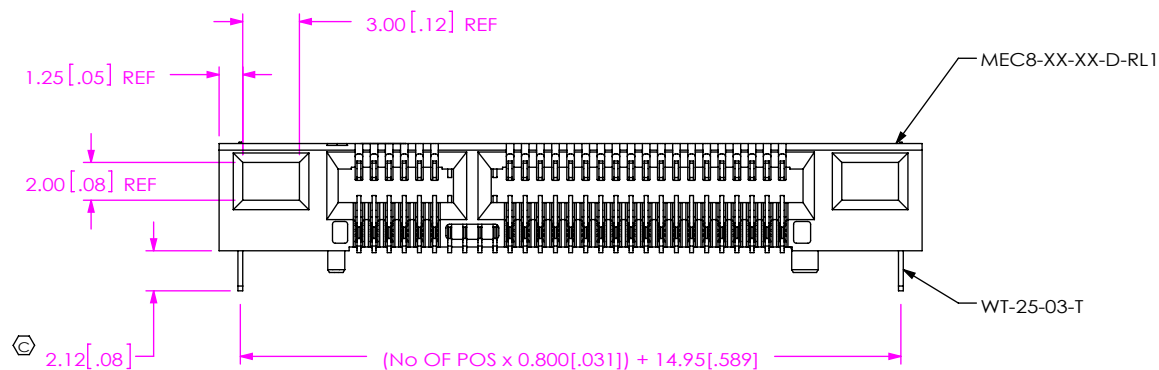
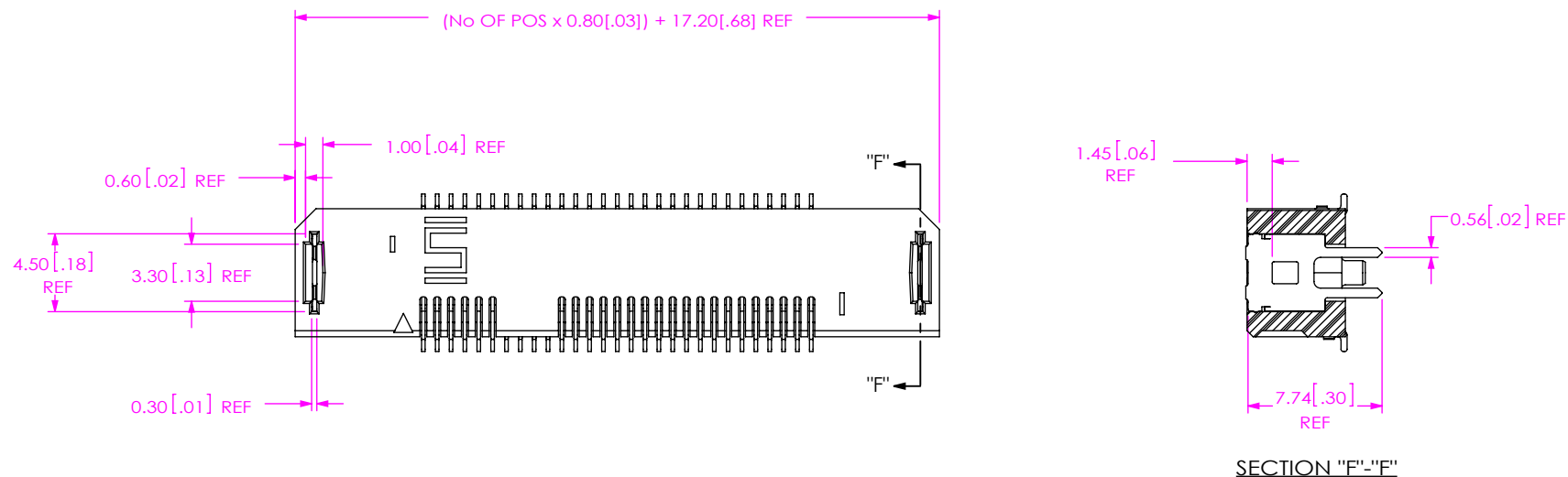


FIG 4  
-RL1: LATCHING OPTION  
(SAME AS FIG 2, UNLESS OTHERWISE STATED)  
(SHOWN: MEC8-125-01-XX-D-RL1  
(AVAILABLE ONLY IN POS  
-13, -25, -37 & -49)

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DWG. NO.  
**MEC8-1XX-XX-XX-D-RXX-XX**

BY: KEVIN B 10/18/01 SHEET 4 OF 4