

DO NOT SCALE FROM THIS PRINT

LS2-1XX-XX-XX-D-XXX-X-X-XX

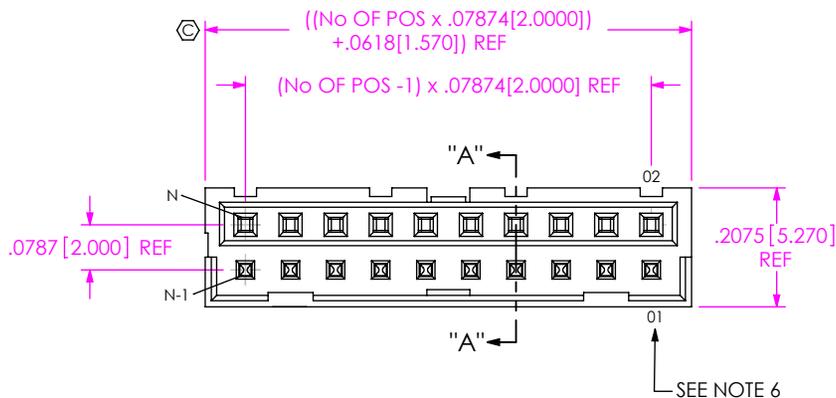


FIG 1
LS2-110-01-X-D SHOWN

No OF POSITIONS
-05, -10, -15, -20,
-25, -30
(PER ROW)

LEAD STYLE
-01: THROUGH HOLE
-02: SURFACE MOUNT
(SEE FIG 2)

PLATING SPECIFICATION
-F: FLASH SELECTIVE GOLD
(USE T-1S13-XX-F-2 & C-79-XX-F)
-FM: FLASH SELECTIVE GOLD
MATTE TIN REMAINDER
(USE T-1S13-XX-F-2 & C-79-XX-F)
-L: LIGHT SELECTIVE GOLD
(USE T-1S13-XX-L-2 & C-79-XX-L)
-LM: LIGHT SELECTIVE GOLD
MATTE TIN REMAINDER
(USE T-1S13-XX-L-2 & C-79-XX-L)
-S: SELECTIVE GOLD
(USE T-1S13-XX-S-2 & C-79-XX-S)
-SM: SELECTIVE GOLD
MATTE TIN REMAINDER
(USE T-1S13-XX-S-2 & C-79-XX-S)
-G: GOLD
(USE T-1S13-XX-G-2 & C-79-XX-G)
-H: HEAVY GOLD
(USE T-1S13-XX-H-2 & C-79-XX-H)

PACKAGING
BLANK: TUBES (SEE NOTE 10)
-TR: TAPE & REEL (SEE NOTE 11 & 12)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTE 11 & 12)

PICK & PLACE
-K: POLYIMIDE FILM PAD
(USE K-DOT-.246-.375-.005, SEE FIG 5)
(LEAD STYLE -02 ONLY)

OPTION
-A: ALIGNMENT PIN
(USE LS2-XX-D-XX-A, SEE FIG 6)
(LEAD STYLE -02 ONLY)

TAIL OPTION
-RA1: RIGHT ANGLE-SHROUD DOWN (SEE FIG 3)
-RA2: RIGHT ANGLE-SHROUD UP (SEE FIG 4)
(AVAILABLE ONLY ON LEAD STYLE -01)

ROW SPECIFICATION
-D: DOUBLE (USE LS2-XX-D-XX)

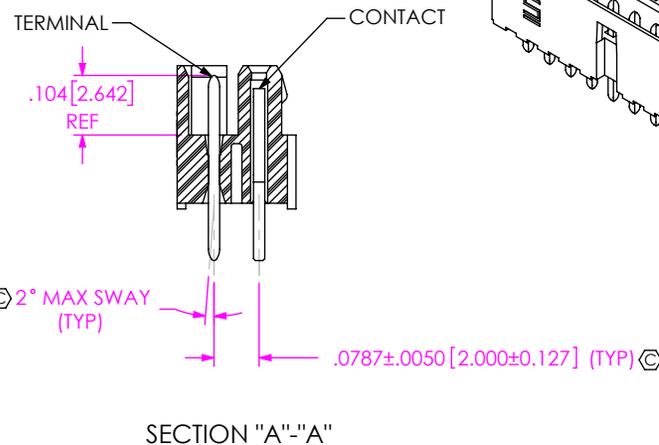
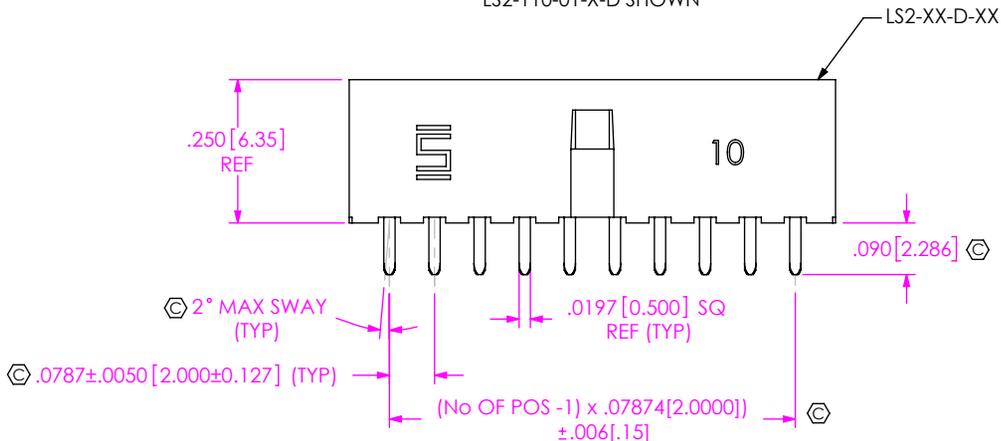


TABLE 2			
STYLE	OPTION	TERMINAL	CONTACT
-01	---	T-1S13-20-XXX-2	C-79-01-XXX
	-RA1	T-1S13-03-XXX-2	C-79-12-XXX
	-RA2	T-1S13-10-XXX-2	C-79-12-XXX
-02	---	T-1S13-13-XXX-2	C-79-12-XXX

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .003[.08] MAX.
- MAXIMUM CUT FLASH: .015[.38]
- MINIMUM PUSHOUT FORCE; TERMINALS: 2 LBS, CONTACTS: .5 LBS.
- MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
- SEE APPLICATION VIEWS (SHEET 3) FOR POSITION 01 LOCATION.
- ALL PIN TO PIN DIMENSIONS TO BE MEASURED FROM TIP TO TIP.
- DIMENSION TO BE MEASURED AT BEND.
- SHEAR TAILS TO DIMENSION SHOWN.
- TUBES ARE STANDARD PACKAGING.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
- ATTACH LABEL TO EACH REEL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
INSULATOR: LCP, COLOR: BLACK
SOCKET: PHOS BRONZE
TERMINAL: PHOS BRONZE

DESCRIPTION:
2mm TERMINAL/SOCKET COMBO

DWG. NO.
LS2-1XX-XX-XX-D-XXX-X-X-XX

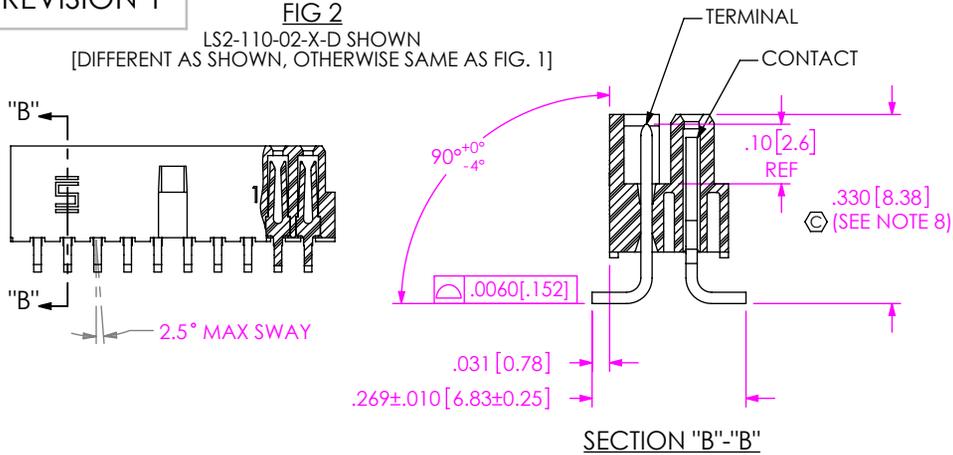
BY: DEAN P 4/24/2002 SHEET 1 OF 4



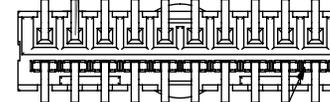
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

FIG 2

LS2-110-02-X-D SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]



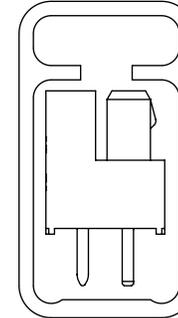
2.5° MAX SWAY
(EITHER DIRECTION)



"C-79-XX-XXX TO BE FILLED AS SHOWN FOR -02 OPTION"

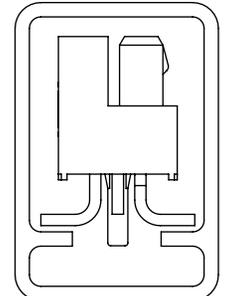
PACKAGING VIEWS

STYLE -01



TUBE: PT-1-24-04-09
PLUG: TP-07

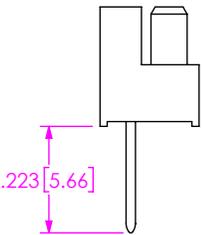
STYLE -02



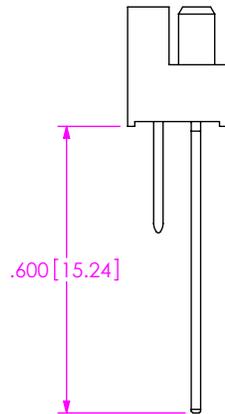
TUBE: PT-1-24-01-123
PLUG: TP-03

STYLE -02-D IN-PROCESS VIEWS

IN-PROCESS 1



IN-PROCESS 2



IN-PROCESS 3

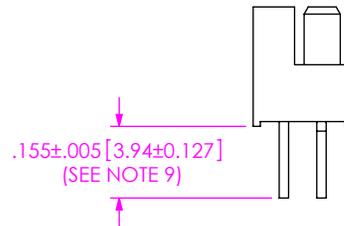
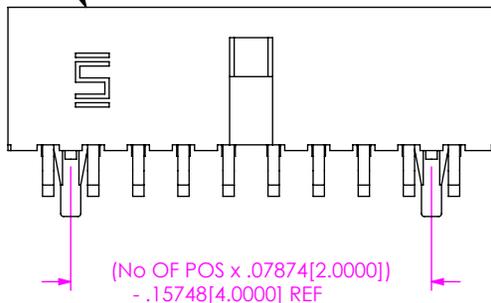


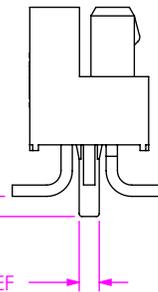
FIG 6

-A: ALIGNMENT PIN OPTION
LS2-110-02-X-D-A SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2]

LS2-XX-D-XX-A



.035 [0.893]



Ø .035 [0.89] REF

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SHEET SCALE: 3:1

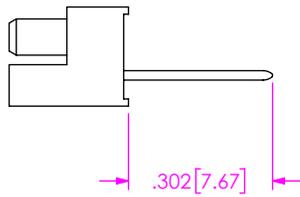


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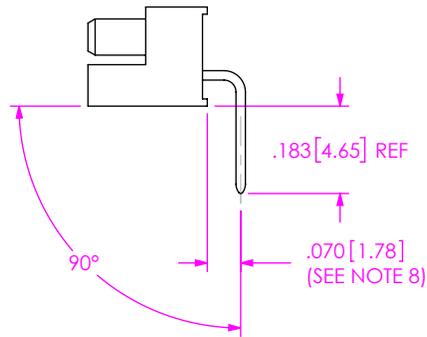
DESCRIPTION:	2mm TERMINAL/SOCKET COMBO	
DWG. NO.	LS2-1XX-XX-XX-D-XXX-X-X-XX	
BY:	DEAN P 4/24/2002	SHEET 2 OF 4

REVISION Y

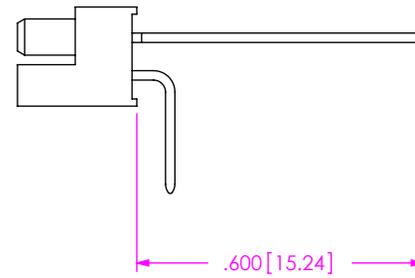
IN-PROCESS 1



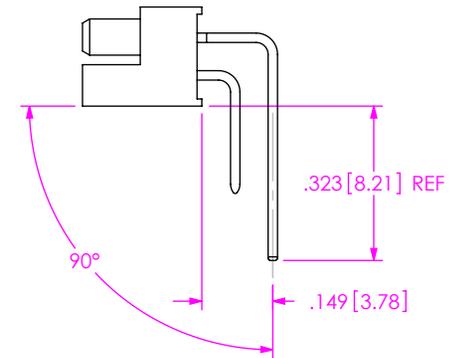
IN-PROCESS 2



IN-PROCESS 3



IN-PROCESS 4



STYLE -01-RA1 IN-PROCESS VIEWS

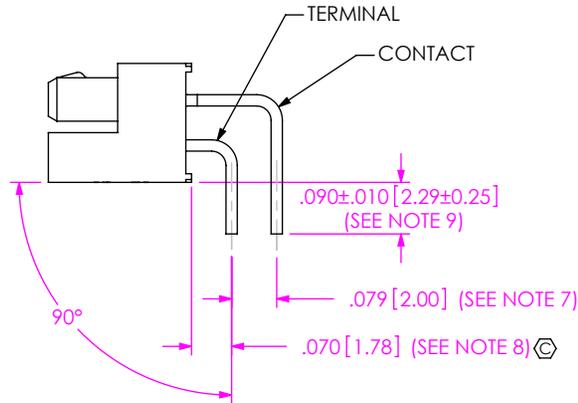
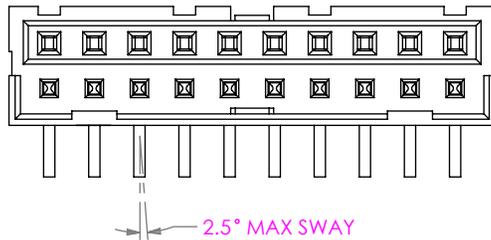
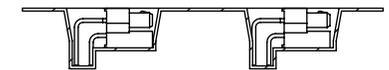
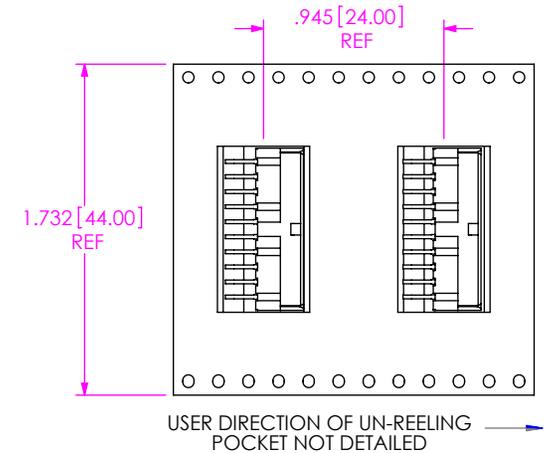
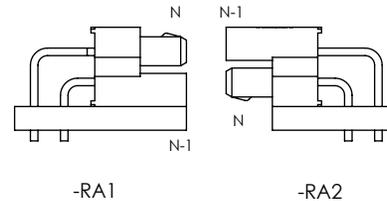
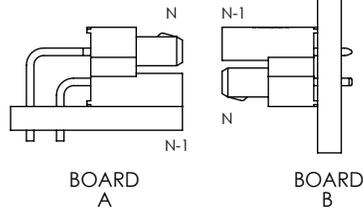
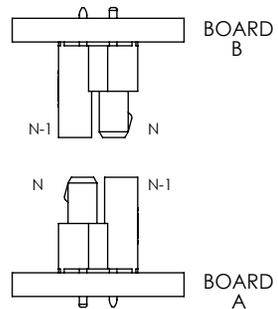


FIG 3
LS2-110-01-X-D-RA1 SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]
* AVAILABLE ONLY ON LEAD STYLE -01 *



STYLE-01-RA1 PACKAGING VIEW
PARTS MUST BE ORIENTED PER THE DESIGN OF THE POCKET AND POCKET TOOL.
POCKETS DESIGNED AFTER REVISION Q MUST ORIENT PARTS PER THIS VIEW.

APPLICATION VIEWS



PARALLEL BOARD-TO-BOARD

PERPENDICULAR BOARD-TO-BOARD

IN-LINE PARALLEL BOARD-TO-BOARD

c:\enterprise\vauf\DWG\MISC\MKTG\LS2-1XX-XX-XX-D-XXX-X-X-XX-MKT.SLDDRW

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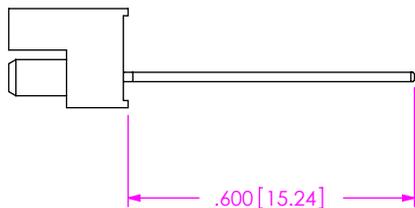
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
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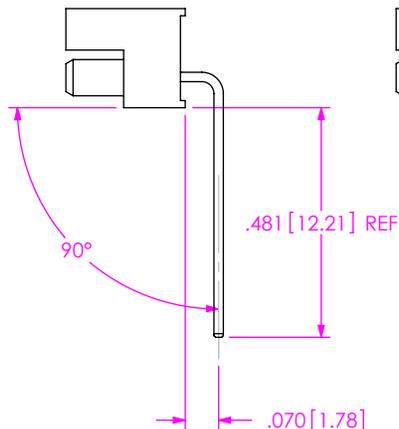
DWG. NO.
LS2-1XX-XX-XX-D-XXX-X-X-XX

BY: DEAN P 4/24/2002 SHEET 3 OF 4

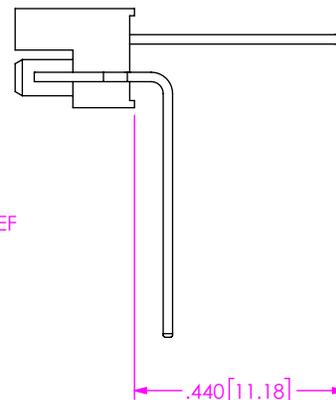
IN-PROCESS 1



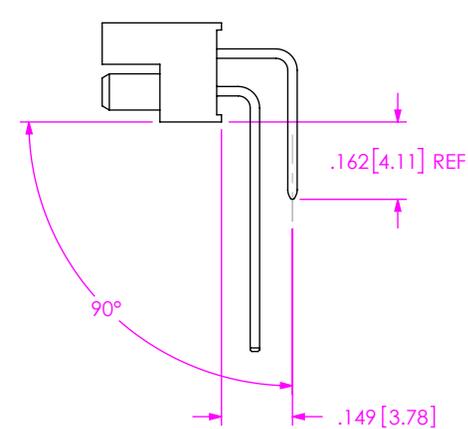
IN-PROCESS 2



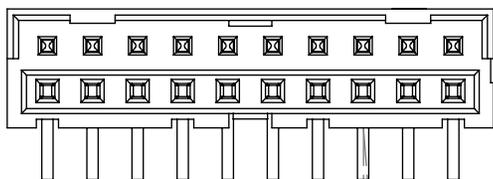
IN-PROCESS 3



IN-PROCESS 4



STYLE -01-RA2 IN-PROCESS VIEWS



2.5° MAX SWAY

FIG 4

LS2-110-01-X-D-RA2 SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

* AVAILABLE ONLY ON LEAD STYLE -01 *

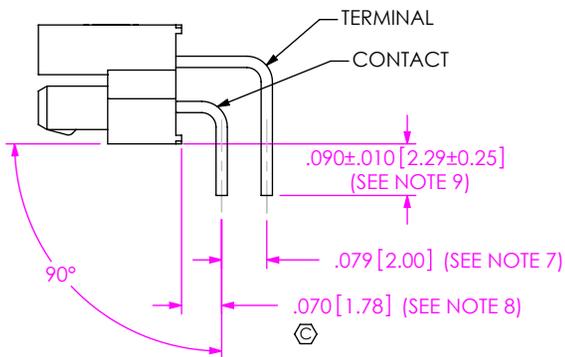
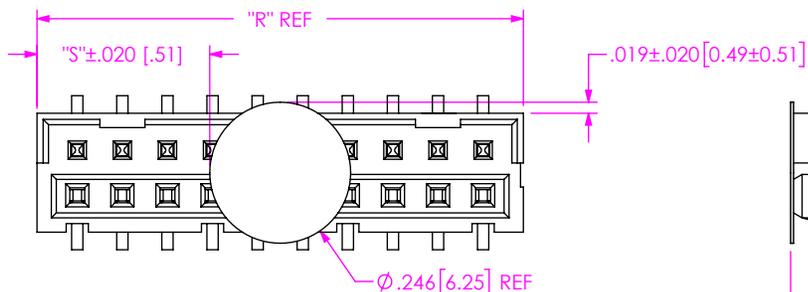
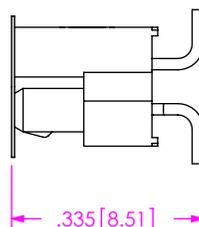


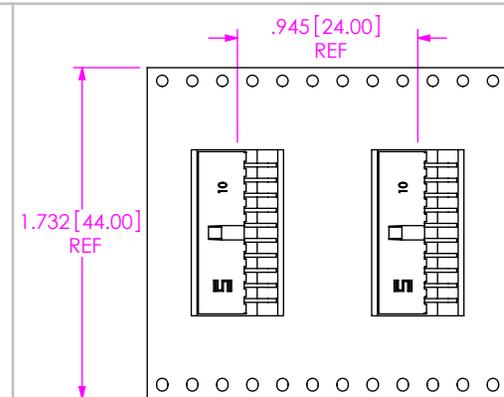
FIG 5
-K: POLYIMIDE FILM PAD OPTION



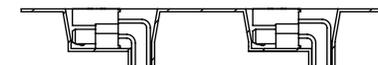
NOTE:
"R" = (No OF POS x .07874[2.0000]) +.06181[1.570]
"S" = ("R" - .2460[6.248]) / 2



c:\enterprisevault\DWG\MISC\MKTG\LS2-1XX-XX-XX-D-XXX-X-X-XX-MKT.SLDDRW



USER DIRECTION OF UN-REELING
POCKET NOT DETAILED



STYLE-01-RA2 PACKAGING VIEW
PARTS MUST BE ORIENTED PER THE DESIGN
OF THE POCKET AND POCKET TOOL.
POCKETS DESIGNED AFTER REVISION Q MUST
ORIENT PARTS PER THIS VIEW.

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SHEET SCALE: 3:1



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DWG. NO.	LS2-1XX-XX-XX-D-XXX-X-X-XX
BY:	DEAN P 4/24/2002 SHEET 4 OF 4