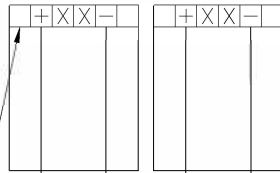
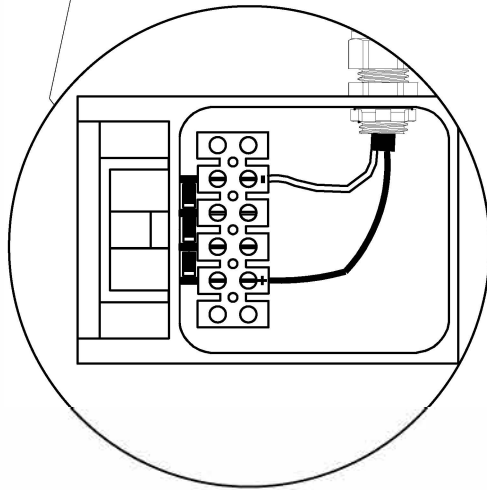


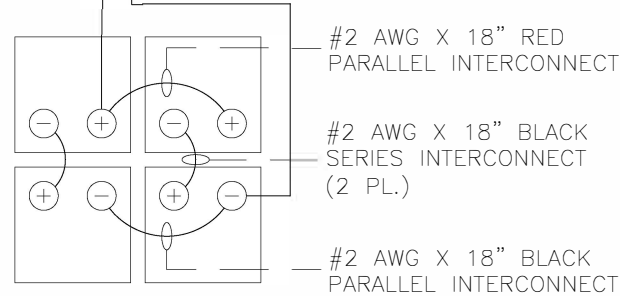
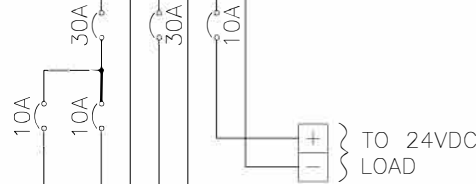
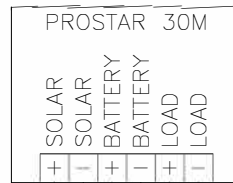
SOLAR ARRAY: 380W
(2) 190J-V PHOTOVOLTAIC MODULES
WIRED IN PARALLEL
10.0A @ 38.0VDC



1/2" NMLT CONDUIT
10 AWG RED/BLK
30' MAX
(2 PL.)



BATTERY ENCLOSURE



BATTERY BANK:
(4) DEKA 8G8D
265AH 12VDC NOMINAL BATTERY
100 HOUR RATE TO 1.75VPC
WIRED 2 IN SERIES x 2 IN PARALLEL
530AH @ 24VDC NOMINAL

1. ALL WIRES ARE #10, RED: POSITIVE (+), BLACK: NEGATIVE (-), GREEN: GROUND (±).
- NOTES: UNLESS OTHERWISE SPECIFIED.



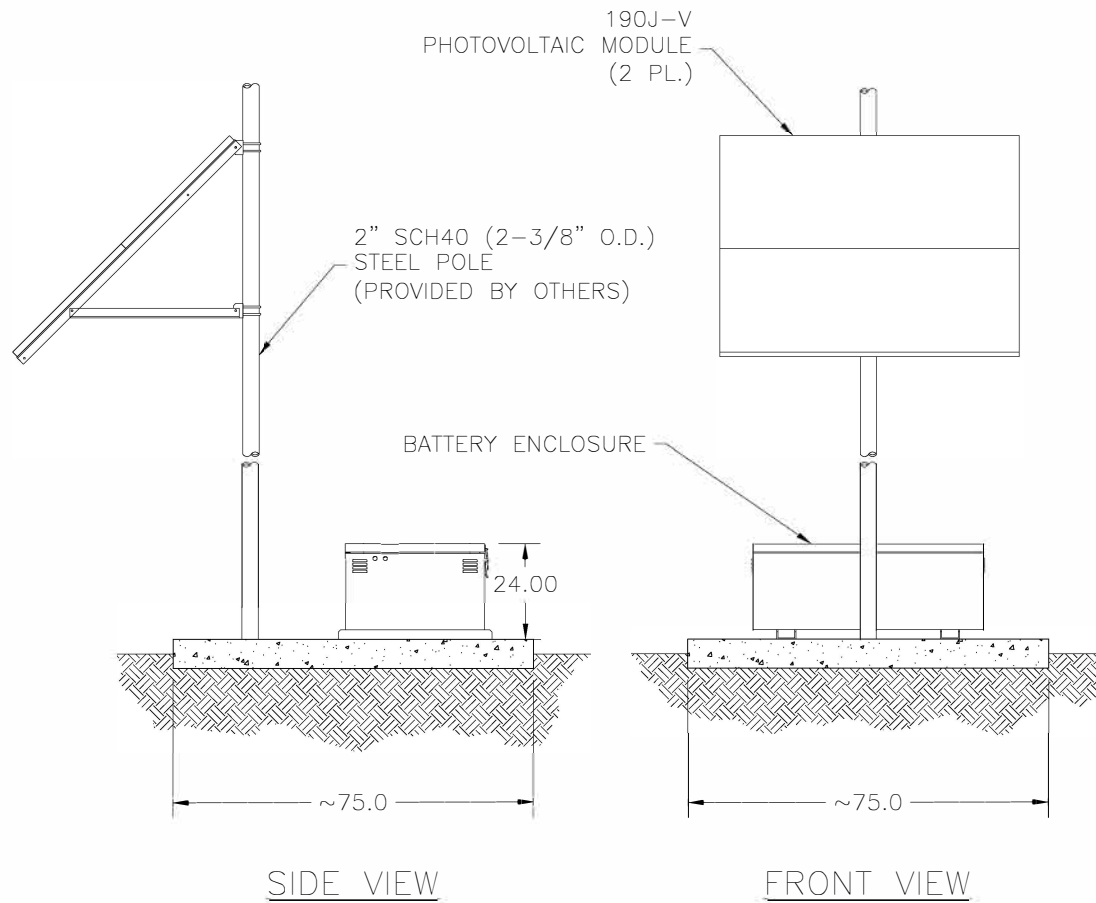
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WIRING DIAGRAM

MAPPS 380-530-24

UNITS			APPROVALS	NAME	DATE
UNLESS OTHERWISE SPECIFIED: PRIMARY UNITS ARE: INCHES SECONDARY UNITS ARE: [mm]					
REVISIONS					
REV	REVISED BY	DATE			
MISC					
SCALE N/A	DRAWING NUMBER				SIZE
	SD41-0090-SES				
	B.O.M. NUMBER				
	SB41-0090				A
	SHEET 1 OF 4				



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SITE LAYOUT

MAPPS 380-530-24

UNITS
UNLESS OTHERWISE SPECIFIED:
PRIMARY UNITS ARE: INCHES
SECONDARY UNITS ARE: [mm]

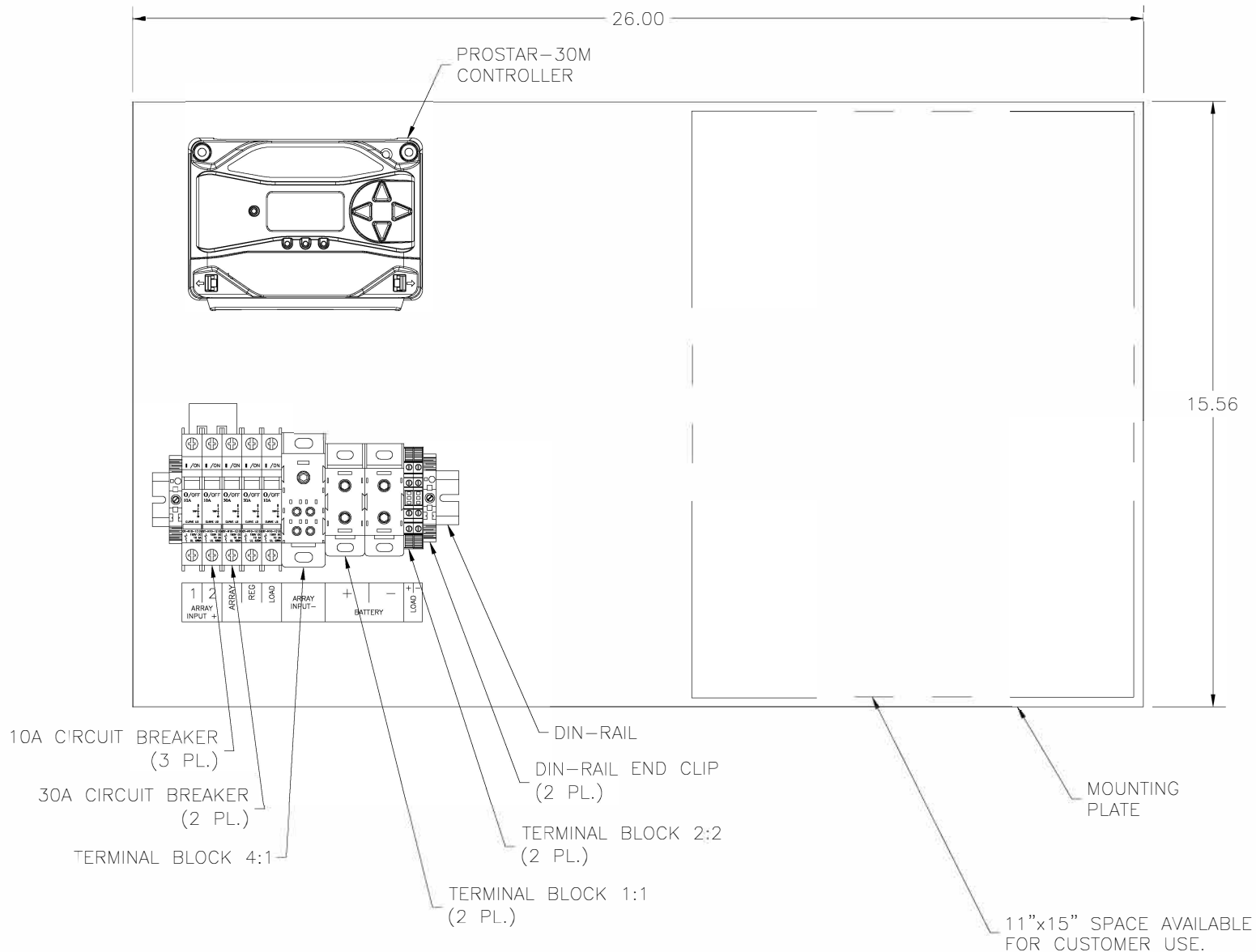
REVISIONS

REV	REVISED BY	DATE
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MISC

APPROVALS	NAME	DATE
	DRAWN C. LEONARD	28.FEB.18
	APPROVED E. RIVAS	02.MAR.18

SCALE	DRAWING NUMBER	SIZE
N/A	SD41-0090-SES	A
	B.O.M. NUMBER	
	SB41-0090	
	SHEET 2 OF 4	



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COMPONENT LAYOUT

MAPPS 380-530-24

UNITS
UNLESS OTHERWISE SPECIFIED:
PRIMARY UNITS ARE: INCHES
SECONDARY UNITS ARE: [mm]

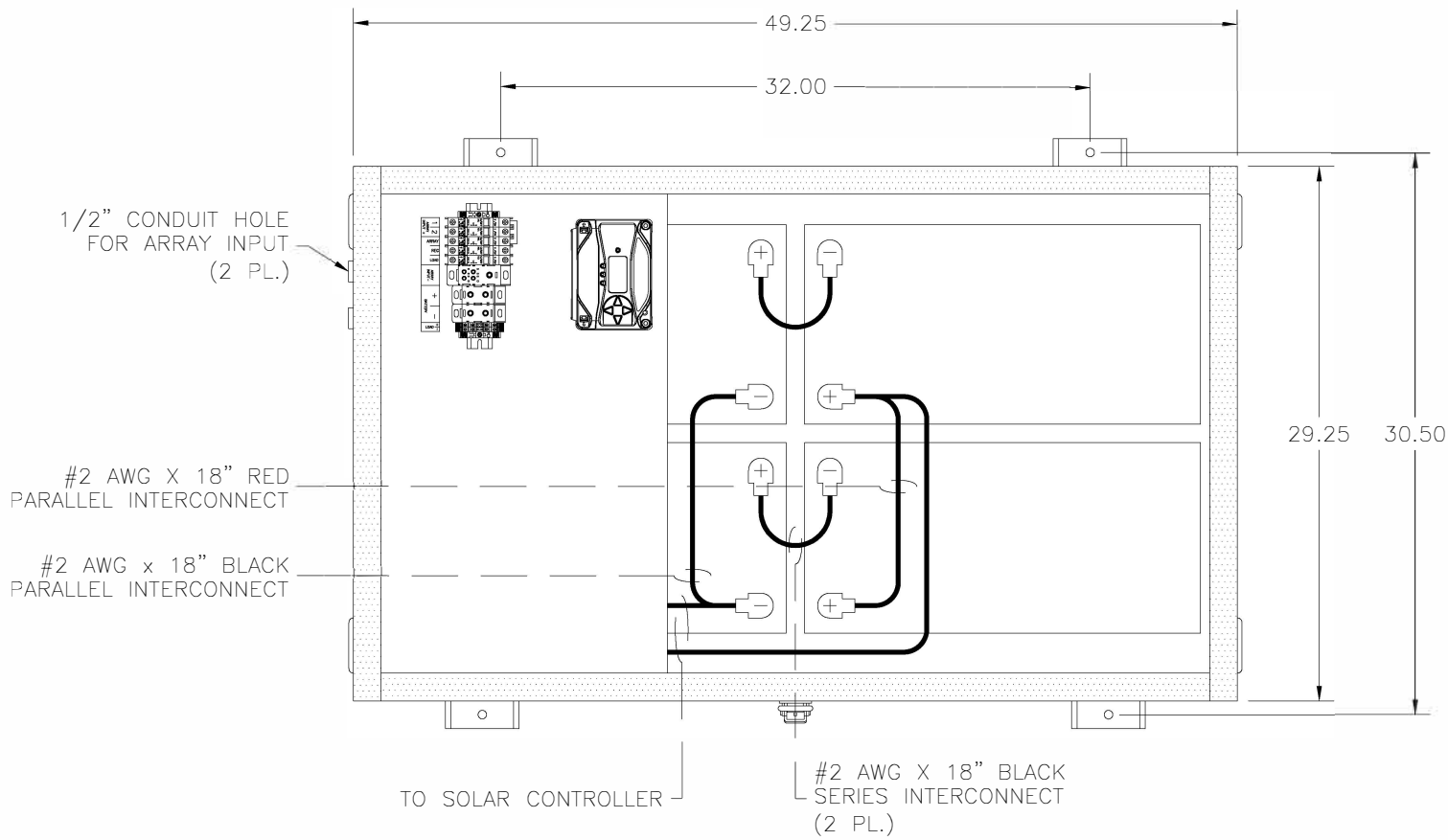
REVISIONS
REV REVISED BY DATE

MISC

DRAWING NUMBER
SD41-0090-SES
B.O.M. NUMBER
SB41-0090
SHEET 3 OF 4

APPROVALS NAME DATE
DRAWN C. LEONARD 28.FEB.18
APPROVED E. RIVAS 02.MAR.18

SIZE
A



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BATTERY LAYOUT

MAPPS 380-530-24

UNITS
UNLESS OTHERWISE SPECIFIED:
PRIMARY UNITS ARE: INCHES
SECONDARY UNITS ARE: [mm]

REVISIONS
REV REVISED BY DATE

MISC

DRAWING NUMBER
SD41-0090-SES
B.O.M. NUMBER
SB41-0090

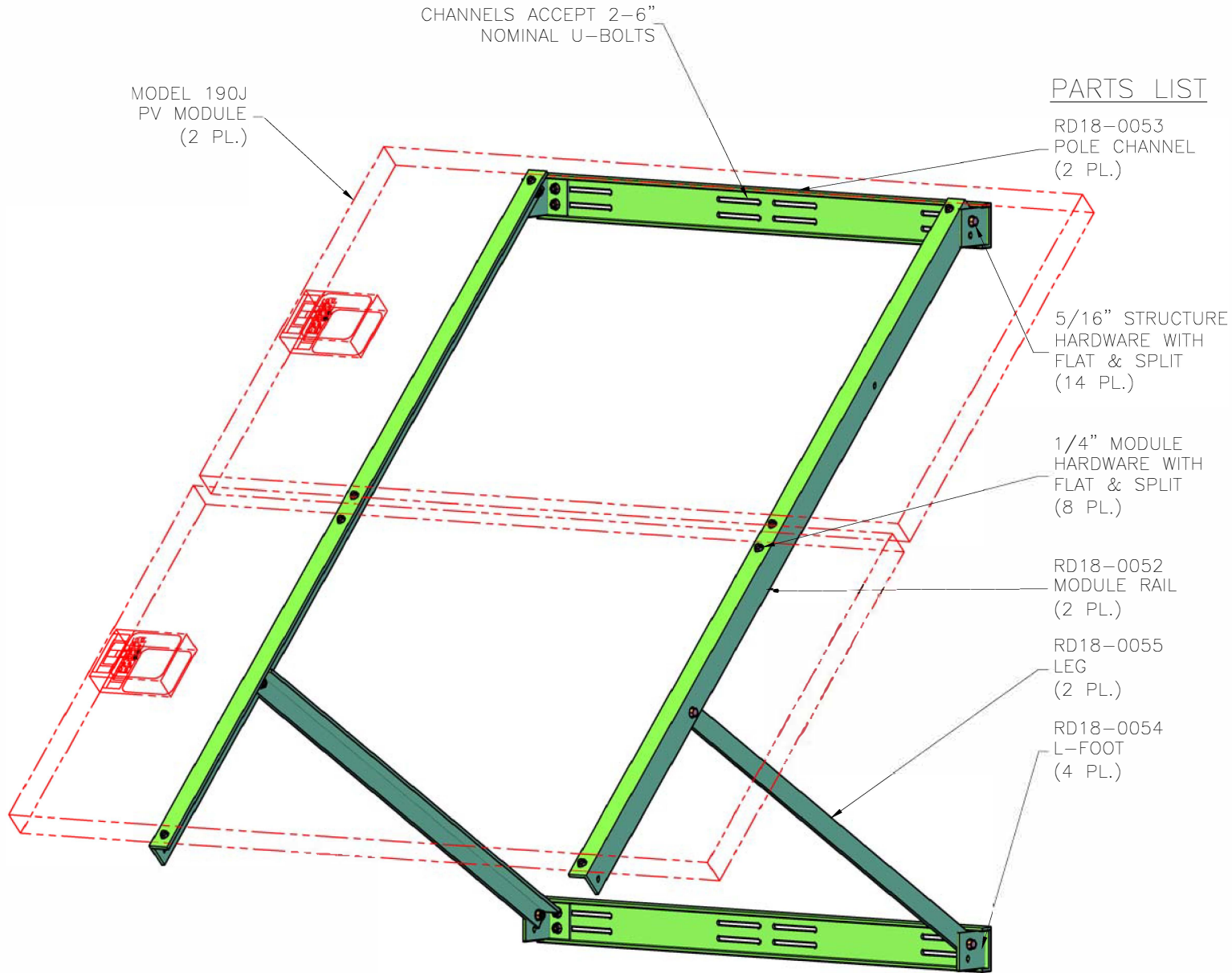
SHEET 4 OF 4

APPROVALS
DRAWN C. LEONARD
APPROVED E. RIVAS

DATE

28.FEB.18
02.MAR.18

SIZE
A



PARTS LIST

RD18-0053
POLE CHANNEL
(2 PL.)

5/16" STRUCTURE
HARDWARE WITH
FLAT & SPLIT
(14 PL.)

1/4" MODULE
HARDWARE WITH
FLAT & SPLIT
(8 PL.)

RD18-0052
MODULE RAIL
(2 PL.)

RD18-0055
LEG
(2 PL.)

RD18-0054
L-FOOT
(4 PL.)

1. FITS MODELS: SES 190J-200J, NOTES:

REVISIONS			DATE
REV	REVIS	BY	ORD


OWNERSHIP

--

A

LAYOUT

SPM/190J-200J,
2/ADJUSTABLE/ALUMINUM/
NONE/U-BOLT SLOTS

MATERIAL		DATE	17.AUG.15
N/A			18.AUG.15
FINISH		DATE	17.AUG.15
N/A			18.AUG.15
UNITS		DATE	17.AUG.15
UNLESS OTHERWISE SPECIFIED: PRIMARY UNITS ARE: INCHES SECONDARY UNITS ARE: [mm]			18.AUG.15
TOLERANCES		DATE	17.AUG.15
0.0 ± - 0.00 ± - 0.000 ± -			18.AUG.15
THIRD ANGLE PROJECTION		DATE	17.AUG.15
			18.AUG.15
MISC		DATE	17.AUG.15
			18.AUG.15
DRAWING NUMBER		DATE	17.AUG.15
RD16-0022			18.AUG.15
B.O.M. NUMBER		DATE	17.AUG.15
RB16-0022			18.AUG.15
SHEET 1 OF 1		DATE	17.AUG.15
			18.AUG.15

APPROVALS NAME
DRAWN E. RIVAS
APPROVED R. RALLO

SCALE
N/A