

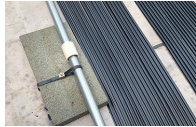
JOIN HOT SUN CORNERS TO EDGE RAIL
AND MANIFOLD RAIL WITH 3" #20 ALL 300
GRADE SS GEAR CLAMPS



DRAINS AT BOTH FREE CORNERS

EDGE RAIL

CROSS RAIL



PVC COATED SS STRAP UNDER SOLAR PANEL
SECURE ENDS WITH HOT SUN STRAP CLAMPS
GLUE WITH PL CONSTRUCTION ADHESIVE- LAST STEP

HOT SUN CPVC ADAPTER OR GLUE 1.5" PVC
INSIDE MANIFOLD

1.5" PVC PIPE COLLAR

HOT SUN CORNER
#36 VACUUM BREAKER
MOUNT VERTICALLY

LOOSE #32 GEAR CLAMPS

2.5" PIPE COLLARS OVER 2" PIPE
GLUE WITH PL CONSTRUCTION ADHESIVE- LAST STEP

#32 ALL SS GEAR CLAMPS MANIFOLD RAIL TO MANIFOLD EVERY SECOND
MANIFOLD AND AT ENDS - VERY LOOSE

1.5" PVC PIPE COLLAR

WATER EXITS AT HIGH POINT. HOT SUN ADAPTER TO 2" PVC
OR GLUE 1.5" PIPE INSIDE MANIFOLD

HOT SUN CORNER BETWEEN EDGE AND MANIFOLD RAILS

BALLASTS

#32 GEAR CLAMPS LOOSE 1.5" PVC HOT SUN CPVC ADAPTER TO 2"
2" MJ CPLG

JOIN MANIFOLDS WITH PLUMBING STANDARD 2" SS
SHIELDED MJ COUPLING OR GLUE 2" STUB OF 1.5" PVC PIPE

#32 ALL SS GEAR CLAMPS MANIFOLD RAIL TO MANIFOLD EVERY SECOND
MANIFOLD AND AT ENDS - VERY LOOSE

MANIFOLD RAIL

EDGE RAIL

CROSS RAIL

PVC COATED SS STRAP

CROSS RAIL

MANIFOLD RAIL

1.5" PVC PIPE COLLARS
EVERY BALLAST TO RAIL

BALLASTS SPACING
MAX 3"
TO SUPPORT PIPING

USE HEAVY BODY GREY PVC CEMENT, NO PRIMER, ON MANIFOLDS

1.5" PVC PIPE COLLARS ON ALL RAIL CONNECTIONS TO BALLASTS
GLUE WITH PL CONSTRUCTION ADHESIVE- LAST STEP

BALLASTS ARE 1.5"x8"x16" CONCRETE BLOCK CAPS

ONE HOT SUN PVC COATED SS STRAPS BETWEEN
CROSS RAILS MAX 6' FROM MANIFOLDS
MAX. 10' BETWEEN CROSS RAILS

CROSS RAILS AND MANIFOLD RAILS AND EDGE RAILS ARE
1-3/8" OD GALVANIZED STEEL CHAIN LINK FENCE TOP RAIL

VIEW "A"

THIS LAYOUT APPLIES TO 22'
HOT SUN SOLAR PANELS

FOR OTHER STANDARD LENGTHS
SEE DWG FLAT 1283- LAYOUTS

HOT SUN INDUSTRIES INC. 1440 N Benson Ave Ste D Upland CA 91786 858 683 0800 www.hotsunsolar.com				HOT SUN SOLAR BALLASTED MOUNTING FLAT AND LOW SLOPE	
EDW/SC	NOV 20, 2025	NO. DESIGN / DWG NO.	08/2025		
DATE	NOV 20, 2025	DESIGNER	KEN WRIGHT	FLAT-1283-22	
PAR/RY		VER/CHK	5		