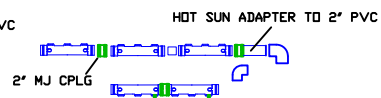


#20 ALL SS GEAR CLAMPS MANIFOLD RAIL TO MANIFOLD EVERY SECOND MANIFOLD AND AT ENDS - VERY LOOSE

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



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

1.5" PVC PIPE COLLAR

HOT SUN CORNER BETWEEN EDGE AND MANIFOLD RAILS

BALLASTS

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



DRAINS AT BOTH FREE CORNERS

EDGE RAIL

CROSS RAIL



CROSSBAR TO EDGE BAR CONNECTED WITH PVC COATED SS STRAP AND 2" ALL SS #20 HOSE CLAMPS

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

HOT SUN ADAPTER DR GLUE 1.5" PVC INSIDE MANIFOLD

1.5" PVC PIPE COLLAR

HOT SUN CORNER

N36 VACUUM BREAKER MOUNT VERTICALLY

LOOSE #20 GEAR CLAMPS

BALLASTS EVERY SECOND MANIFOLD

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

MANIFOLD RAIL

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

MANIFOLD RAIL

MANIFOLD

FIN TUBES

VIEW "A"

EDGE RAIL

CROSS RAIL

BALLASTS SPACING MAX 3' TO SUPPORT PIPING

PVC COATED SS STRAP

1.5" PVC PIPE COLLARS EVERY BALLAST TO RAIL

CROSS RAIL

CROSS RAIL

MANIFOLD RAIL

THIS LAYOUT APPLIES TO 22' HOT SUN SOLAR PANELS

FOR OTHER STANDARD LENGTHS SEE DWG FLAT 1283- LAYOUTS

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

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

HOT SUN INDUSTRIES INC. 1440 N Benson Ave Ste D Upland CA 91786 858 683 0800 www.h2otsun.com		HOT SUN SOLAR BALLASTED MOUNTING FLAT AND LOW SLOPE	
EDH/SC	NO. DESSIN / DWG NO.	OR/REV	
DATE	Nov 20, 2023	FLAT-1283-22	
PWR/BY	KEN WRIGHT		
VER/CHK			