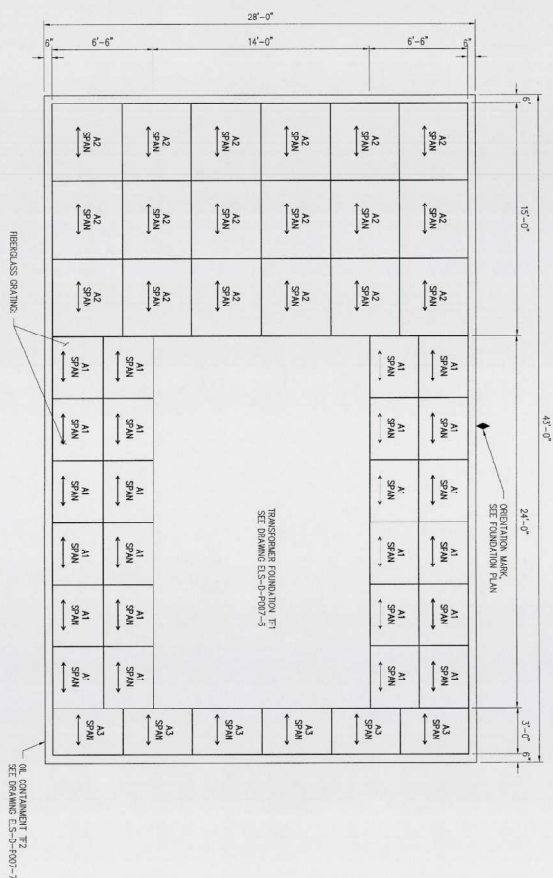
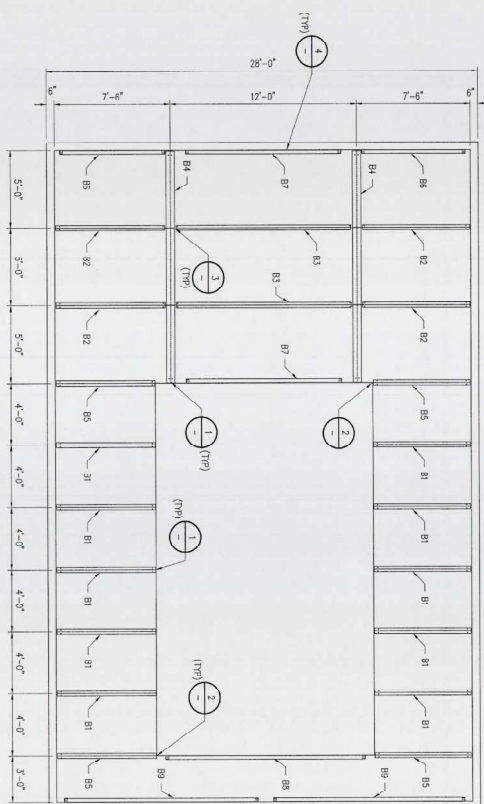




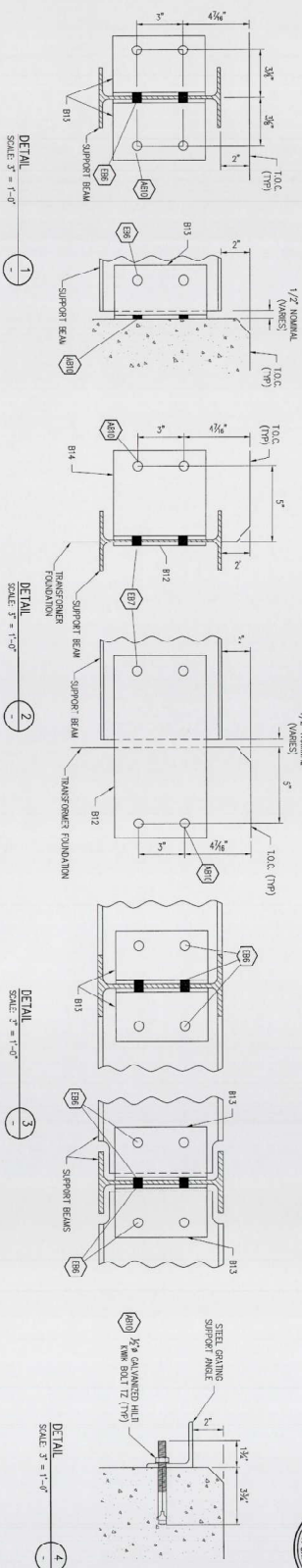
GRATING LAYOUT PLAN

SCALE: $\frac{1}{4}'' = 1'-0''$
(2) TWO REQUIRED



GRATING SUPPORT LAYOUT PLAN

SCALE: $N_0 = 1-0$
(2) TWO REQUIRED



ERECTOR BOLT LIST (SEE NOTE 2, 3 & 4)		
ITEM	DESCRIPTION	QUANTITY
1	1/2" x 2" WITH NUT & LOCKWASH	202
2	1/2" x 2 1/2" WITH NUT & LOCKWASH	17
ANCHOR BOLTS LIST		
ITEM	DESCRIPTION	QUANTITY
1	1/2" x 10" H.T. ANCH. BOLT 12 (ALUMINUM)	420

NOTES

1. ALL GRANTS SHALL BE \$500 MANUFACTURED BY ROBERTSON GRADING PRODUCTS OR APPROVED EQUAL.
2. ALL FERTILIZER BOLTS & NUTS SHALL BE GALVANIZED HEAVY HEXAGONAL NUTS & BOLTS. ALL GRANTS SHALL BE GALVANIZED HEAVY HEXAGONAL NUTS & BOLTS. ALL GRANTS SHALL BE GALVANIZED HEAVY HEXAGONAL NUTS & BOLTS.
3. TOTAL QUANTITY FERTILIZER QUANTITY PER STRUCTURE TIMES THE NUMBER OF STRUCTURES PLUS \$5.
4. FASTEN GRANTS TO SUPPORT PER MANUFACTURER'S RECOMMENDATIONS.
5. BILL OF MATERIAL IS LOCATED ON SHEET PDG-00.

5. BILL OF MATERIAL IS LOCATED ON SHEET P016-30

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BILLINGS MONTANA

NO	REASON	DATE	BY	APPROV
A	ISSUED FOR GOVT REVIEW	03/29/21	C/S	CM
B	ISSUED FOR PERMITTING	06/03/21	STD	RLA



8minute
SOLAR ENERGY

ENGINEERING RECORD		DATE
DRAWN	<i>DENNING</i>	04/21
DESIGNED	<i>SOWDEN</i>	04/21
CHECKED	<i>JOHNS</i>	04/21
APPROVED	<i>McDEVITT</i>	06/21
DWG. SCALE: AS NOTED	P.T. SCALE: 1:1	

ELAND SOLAR
34.5-230 kV SUBSTATION
TRANSFORMER PLATFORM GRATING - TP1 (SH.1)
FIG. NAME: ELS-2-PT05-28
REVISION NO.: 8