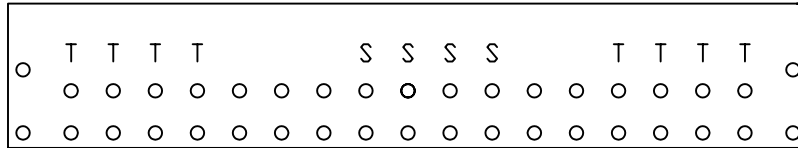


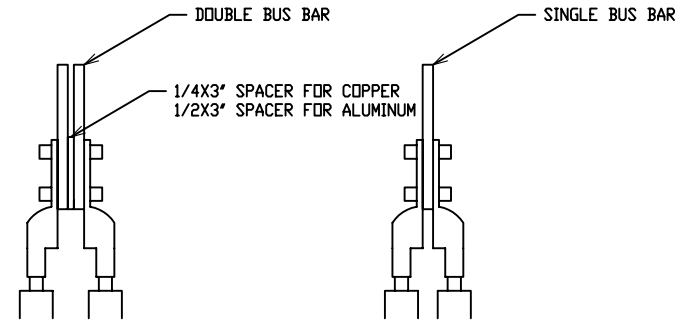
S-T CONNECTION DETAIL

ALL SOURCE CABLES ON ONE END
ALL TAP CABLES ON OPPOSITE END



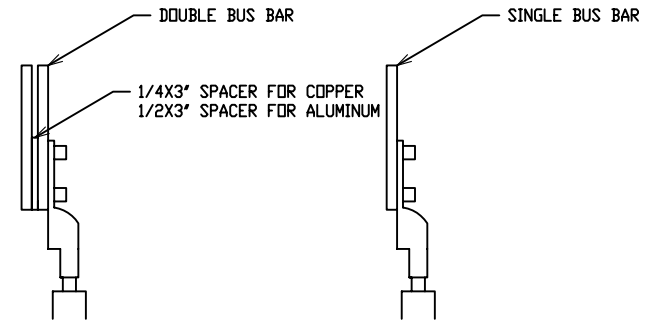
T-S-T CONNECTION DETAIL

ALL SOURCE CABLES IN CENTER
ALL TAP CABLES ON ENDS IN EQUAL LOAD CONFIGURATIONS



TWO SIDED CONNECTION

MAX (34) CABLES/PHASE



ONE SIDED CONNECTION

MAX (17) CABLES/PHASE

COPPER BUS BAR

	SINGLE BUS BAR		DOUBLE BUS BAR W/1/4" SPACER	
1/2X4	1600 A	-C4	2500 A	-C44
1/2X5	1900 A	-C5	3000 A	-C55
1/2X6	2200 A	-C6	3500 A	-C66
1/2X8	2700 A	-C8	4300 A	-C88

S-T AMPACITY TABLE

MULTIPLY ABOVE AMPACITIES BY 1.8
WHEN USING T-S-T CONNECTION DETAIL

ALUMINUM BUS BAR

	SINGLE BUS BAR		DOUBLE BUS BAR W/1/2" SPACER	
1/2X4	1300 A	-A4	1900 A	-A44
1/2X5	1500 A	-A5	2200 A	-A55
1/2X6	1700 A	-A6	2500 A	-A66
1/2X8	2000 A	-A8	2900 A	-A88

S-T AMPACITY TABLE

MULTIPLY ABOVE AMPACITIES BY 1.8
WHEN USING T-S-T CONNECTION DETAIL

NOTE:

- AMPACITY BASED ON 40°C AMBIENT WITH A 30°C RISE
- USE INDUSTRY STANDARD INSTALLATION PRACTICES FOR ASSEMBLY OF LUGS ON BUS BARS.

CATALOG NO: PS2-44-2222-L2-MG-XY

PADMOUNT SECONDARY SWITCHGEAR

600V

(17) NEMA 2 HOLE

THREE PHASE

COPPER OR ALUMINUM BUS PHASE & NEUTRAL



POWER DESIGN INC.

ODELL, OREGON

DRAWN:
RB

PAGE
2 OF 2

DATE
3-19-07

DRAWING NO.
2222-R3

FILE REF: