CONCESSIONS RISER DIAGRAM (TYPICAL AT NORTHEAST AND NORTHWEST BUILDINGS)

ELECTRICAL RISER DIAGRAM NOTES:

1. THIS SERVICE HAS BEEN DESIGNED FOR 480/277V, THREE PHASE, FOUR WIRE, SOLIDLY GROUNDED WYE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(a).
7. GROUND ALL DRY TYPE TRANSFORMERS IN ACCORDANCE WITH NEC 250.30.
8. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
9. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.

PANELBOARD

"AA51"
480/277V
3 PHASE
400Y
100Y 4#3, 1#8G, 1 1/4"C
BRANCH CIRCUIT AND FEEDER SCHEDULE:
800Y, NO G.
TO JCPB PAD MOUNTED TRANSFORMER, SEE SITE PLAN, AT NORTWEST CONCESSIONS, AT TURF MAINTENANCE, 600Y TO PANEL DP50, SEE E450.

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