Roseburg Urban Sanitary Authority
WRF Vehicle and Equipment Storage Building

RFI NO. 1 Date: 26 June 2024

1. Is the intention just to extend the existing (2) #2 cu & #2 Gr from the last vault to the new building or are we supposed to figure for new wire all the way back to Panel P3-2?

   The intention is to splice to the existing (2) #2 cu & (1) #2 Gr in the last vault and extend it to the new building.

2. Is the 2p 100A breaker for P3-2 feeding the 2p 150A Fused disconnect for the new 45KVA transformer adequate in size?

   The 2p100A breaker in P3-2 is adequate for the loads. The 45 kVA transformer is the next larger size than is necessary for the loads.

3. Is the #2 Cu feeding the transformer and thru the 2p 150 fused disconnect adequate in size?

   The #2 Cu feeding the transformer and thru the 2p150A fused disconnect is adequate in size. The fused disconnect is sized per NEC 450.

4. I was just at the site looking at the existing conditions and I noticed that it appears that there are only #4 Cu phase conductors inside the existing 2p60A disconnect in the existing Green Building. Has someone verified that there are #2 CU conductors from Panel P3-2 to the existing vault that we are coming out of?

   Yes, we have verified that the #2 CU conductors from Panel P3-2 extend to vault number 1, up the hill to vault number 2.

5. What brand/type are the existing Panel ‘P3-2’ and Panel ‘B’?

   Both panels are Eaton.

6. Is the new 200A Panel ‘B’ mislabeled? Should it be Panel ‘A’?

   The new panel should be Panel ‘A’ and the old panel in the Green Building should be labeled Panel ‘B’.

BUILDING DEPARTMENT
Plugs
Lights

MARCIA ELECTRIC INC
ELECTRICAL CONTRACTORS
541-396-5271
TYPE 12/3R ENCLOSURE
DUSTPROOF/RAINPROOF
USE LISTED CONDUIT HUBS
CIRCUIT DIRECTORY
MAIN
DANGER
NOTICE
WARNING
DEWATERING CONTROL PANEL
DISTRIBUTION CONVEYORS
PANEL L3-2
FD 35k
FD 35k
FD 35k
FD 35k