



**GENERAL NOTES**

1. ALL SPLICES, FINAL CONNECTIONS AND NECESSARY EQUIPMENT AND ACCESSORIES FOR A COMPLETE NEW ELECTRICAL DISTRIBUTION SYSTEM TO BE PROVIDED BY THE CONTRACTOR.
2. LOOP 15 KV FEEDERS THROUGH ELECTRICAL MANHOLE TO ALLOW FOR FUTURE NEW SPLICES.
3. REFER TO SITE UTILITY DRAWINGS FOR CONDUIT AND EQUIPMENT LOCATIONS.
4. ARC FLASH, COORDINATION, AND THE SHORT CIRCUIT STUDY IS TO START AT THE EXISTING CAMPUS MEDIUM VOLTAGE SWITCHGEAR #1. PROVIDE LABELING OF EXISTING #1.

**DRAWING NOTES**

1. PROVIDE NEW MEDIUM VOLTAGE CABLE TO BE COMPACT 15 KV, (3) #500 KCMIL 105°C-EPR 133% INSULATION & #4/0 GROUND, UNLESS SPECIFICALLY STATED OTHERWISE. REFER TO SITE UTILITY DRAWINGS FOR CONDUIT AND MANHOLE SIZING AND LOCATIONS.
2. EXISTING 15KV - (3) #500 KCMIL 105°C. EPR & (1) #2 BARE COPPER GROUND.
3. ALL NEW MEDIUM VOLTAGE CABLE TO BE COMPACT 15KV, (3) #2 105°C-EPR 133% INSULATION & #4/0 GROUND, UNLESS SPECIFICALLY STATED OTHERWISE.
4. 1" BURIED CONDUIT TO NEAREST BUILDING THEN EMT TO NEAREST BMS FOR LOOP SWITCH MONITORING.
5. EXISTING MEDIUM VOLTAGE 15 KV CABLE (3) #2/0 105°C-EPR 133% INSULATION & (1) #4/0 BARE COPPER GROUND.
6. REMOVE EXISTING CONDUCTORS, REFER TO SITE UTILITY DRAWINGS FOR REMOVAL OF CONDUITS AND MANHOLE LOCATIONS.
7. PROVIDE NEW 250E FUSES WITHIN EXISTING FEDERAL PACIFIC MEDIUM VOLTAGE SWITCH. COORDINATE CAMPUS SHUTDOWN WITH OWNER.
8. PROVIDE NEW MEDIUM VOLTAGE CABLE TO BE COMPACT 15 KV, (3) #500 KCMIL 105°C-EPR 133% INSULATION & #4/0 GROUND, UNLESS SPECIFICALLY STATED OTHERWISE. REFER TO SITE UTILITY DRAWINGS FOR EXISTING TO BE REUSED CONDUIT PATHWAY AND MANHOLE SIZING AND LOCATIONS. PROVIDE AN ADDITIONAL 200' OF CABLING IN ADDITION TO WHAT IS SHOWN ON SITE UTILITY DRAWINGS.

PROVIDE ALL ASSOCIATED WORK UNDER SUPPLEMENTAL BID #1. SUPPLEMENTAL BID IS NOT ACCEPTED, ALL EXISTING IS TO REMAIN AS IS.

drawing title CAMPUS MEDIUM VOLTAGE RISER DIAGRAM				STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES			
professional seal				REVISIONS			
mark	date	description		drawing prepared by	date		
1	09/30/19	ADDENDUM #1		BVH INTEGRATED SERVICES	08/16/2019		
				206 WEST NEWBERRY ROAD		scale N.T.S.	
				BLOOMFIELD, CT. 06002		drawn by MOS	
				project		approved by AV	
				SCSU NEW HHS BUILDING		drawing no. E302	
				501 CRESCENT STREET			
				NEW HAVEN, CT 06050			
				project no. BI-RS-329			