



ESA Energy Systems Associates, Inc.
806 W Main Box 39
Atlanta, Texas 75551

Consulting Engineers

PfISD 2024 Multi-Campus HVAC and Control System Renovations

Northwest ES, Windermere ES, Provan OC

Addendum #2 January 13, 2025

ITEM #1: Request for approved equal status.

The following is an approved manufacturer for Makeup Air Units and Air Handler HVAC equipment in the project.

JCI-Tempmaster
JCI – XeteX
Klimor

ITEM #2: Boiler and HW Pump Replacement at Windermere ES, DX Section.

The original contract documents indicated that the HW system on the DX Section was to be de-commissioned. The district has requested the HW System be renovated and maintained. Per updated Drawing MEP 2, the Contractor will replace Boiler B-2 and two HW System Pumps. Additionally, split systems 5A, 6A, 7a, and 8A, will be replaced per the revised equipment schedule. All references to de-commissioning the HW System or replacing the air handlers with VRF equipment will be disregarded. Please refer to Drawing MEP 21 for the updated equipment schedules. The equipment model numbers will have to be adjusted for the new refrigerant requirements which are not currently available in the manufacturer catalogs.

ITEM #3: Kitchen fan replacement, Hydronic Section at Windermere ES.

The Kitchen and Cafeteria functions at Windermere ES have been relegated to the recently renovated Kitchen and Cafeteria in the DX Section of the building. The future of the Kitchen/Cafeteria in the hydronic section remains undecided. Therefore, the planned replacement of SF-1K, EF-1K and EFs 4,5,6 will be deleted pending the district's decision and plan for this space. Please refer to updated Drawing MEP 21 where the fans have been deleted from the replacement hydronic section exhaust fan schedule.

ITEM #4: Hydronic Air Handler replacement, Hydronic Section at Windermere ES.

The equipment schedule for the air handling unit replacement in the hydronic section of Windermere ES was inadvertently omitted from the contract documents. Please refer to updated MEP 23 for this schedule.

ITEM #5: ERV Replacement at DX Section, Windermere ES

The original drawings indicated a 1:1 replacement of the existing ERVs, MAU-1 and MAU-2. The district has requested that the units be replaced with DX Cool and NG Heat dedicated outside air units. Please refer to Drawing MEP 6 for details and Drawing MEP 21 for the updated equipment schedule.

ITEM #6: Art Room Ductwork Replacement, Hydronic Section, Windermere ES

The existing AHU-3 which serves the Art Room is undersized for the space served. Increasing the size of the AHU requires increasing the capacity of the ductwork. The existing 14x14 and 11x14 supply ducts need to be replaced with 24x14 and 14x14, respectively. The flexible ducts need to be increased to 12". The four supply grills in this space will be replaced with new Price 12 in / 24in x 24in / ASCD / 31 / 3C / B12 supply grills. Refer to updated Drawings MEP 9 and 13.

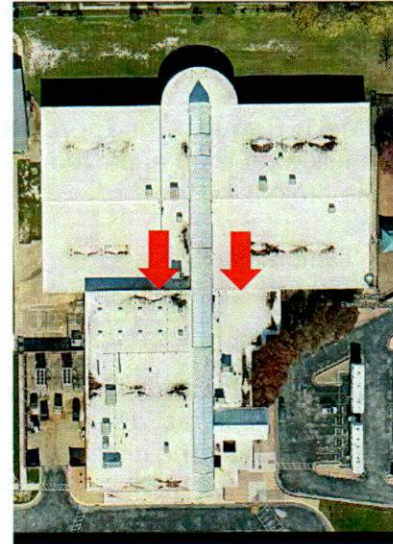


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Item 7: New Roof Access Ladders at Northwest ES.

Contractor to provide and install two new metal roof access ladders at NWES to facilitate PflSD Maintenance access to adjacent roofs. Ladders to be Alaco Ladder Model 561 Handrails Over Roof or Engineer Approved Equal. Ladders to be located at approximately the arrowed locations to the right; verify final locations with PflSD Maintenance Staff.



End of Addendum #2. Prepared by Chris Carter, P.E. on 1/13/2025

