



Bay Architects

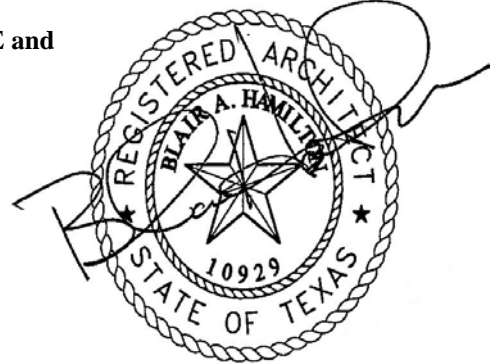
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ADDENDUM NO. 02

4 August 2010

Project: **NEW TRANSPORTATION, MAINTENANCE and AGRICULTURAL BUILDINGS**
Channelview Independent School District

Prepared by: **Bay Architects, Inc.**
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08/04/10

Bay Project No.: **0937**

Prepared for: **Prospective Proposers**

PART A NOTICE TO PROPOSERS:

1. Receipt of this Addendum shall be acknowledged on the Proposal Form. Failure to do so may subject Proposers to disqualification. Each Proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarification, and supplemental data included therein.
2. This Addendum forms part of the Contract Documents and shall be incorporated integrally therewith. Where provisions of the following supplemental data differ from those of previously issued documents, this Addendum shall govern.
3. The following Contract Documents have been issued to date delineating the Work (Project):

Contract Documents	8 July 2010
Addendum No. 01- ARCH	4 August 2010

4. This Addendum consists of five (5) 8-1/2x11 written pages; no attached sketches or full-size drawings; as prepared by Kalmans Marshall Engineering, Inc. Total pages included in this Addendum: 5 pages.

PART B CHANGES TO PRIOR ADDENDA

5. None

PART C CHANGES TO THE PROJECT MANUAL

6. None

PART D CHANGES TO THE DRAWINGS

7. Sheet E2.01 – Electrical Lighting Plan – Transportation
 - A. Exterior Canopy (South), change the (5) Type C2 light fixtures to Kenall #H1212FM-C-MB-32P-2-277. Provide 1400 lumen battery back-up for the 92) fixtures shown crosshatched.

- B. Exterior Canopy (North), delete the (2) Type F, (1) Type FE, and (2) Type EM fixtures shown. Replace with (5) Kenall #H1212FM-C-MB-32P-2-277 fixtures. Provide 1400 lumen battery back-up for (3) of the fixtures.
 - C. Training Video Room 103, Director's Office 104, Conference 105, add a second ballast to all of the Type A/AE fixtures to accommodate dual level switching. Add a second switch adjacent to the switch shown. Control the center lamp ballast separately from the outer lamp ballast.
 - D. Meeting Room 111, change the Type A3/A3E fixtures to Type A1/A1E fixtures and add a second ballast to accommodate dual level switching. Add a second switch adjacent to the switch shown at the exterior doors. Change the 3-way switches shown at the exterior doors to single pole switches and delete the (2) 3-way switches shown at the folding partition packet. Control the center lamp ballast separately from the outer lamp ballast.
08. Sheet E2.02 – Electrical Lighting Plan – Maintenance Area A
- A. Change circuit ELA-1 shown at all crosshatched emergency fixtures to EHA-1.
 - B. HVAC 506A, delete note aimed at light fixture that says “Metal Halide Fixture as specified mounted at bottom of roof structure (typ.)”.
09. Sheet E2.03 – Electrical Lighting Plan – Maintenance Area B and Mezzanine
- A. Lobby 100A, connect emergency fixture to also serve as a night light.
 - B. Corridor 100B, add Type X1 Exit Sign on west wall at the junction with Corridor 100D. Add a second Type X1 Exit Sign at the north end of the corridor. Connect both exit signs to Circuit EHA-7.
 - C. Storage 108, add ceiling mounted occupancy sensor.
 - D. Kitchen 110, change Type A/AE Light Fixtures to Lightolier #WES2GFAVY332-277-P3. Provide Bodine GTD Generator Transfer Device for fixture shown crosshatched.
 - E. Reception 200, provide Type X1 Exit Sign at exterior door. Connect to Circuit EHA-5 and connect the crosshatched fixtures as a night light.
 - F. Manager Office 201, add ceiling mounted occupancy sensor.
 - G. Director Office 307, add a second ballast to all of the A/AE fixtures to accommodate dual level switching. Add a second switch adjacent to the switch shown. Control the center lamp ballast separately from the outer lamp ballast.
 - H. Lobby 300, connect emergency fixture to also serve as a night light.
 - I. Training / Break Room 401:
 - 1) Add a second ballast to all of the A3/A3E fixtures to accommodate dual level switching. Add a 3-way switch adjacent to the (2) 3-way switches shown. Control the center lamp ballast separately from the outer lamp ballast.
 - 2) Add a Type X1 Exit Sign at each of 2 exit doors. Connect to Circuit EHA-5.
 - J. CVISD Archive Storage, change the Type A fixture nearest each of (2) exit doors to Type AE. Connect Generator Transfer Device to Circuit EHA-7. Add (2) ceiling mounted motion sensors.
 - K. Textbook Storage 404, add (2) ceiling mounted motion sensors.
 - L. Warehouse 405
 - 1) Delete note aimed at light fixture that says “Metal Halide Fixture as specified mounted at bottom of roof structure (typ.)”.
 - 2) Route Circuits HM-2, 4, 5, 6, 10, 12 through a lighting contactor controlled by BMCS.
10. Sheet E2.04 – Electrical Lighting Plan – Ag Facility
- A. Change fixture type nearest Column Lines A/7 from D2 to D2E.
 - B. Change (2) of the fixtures along Column Line B from D2 to D2E.

- C. Route Circuits HAB-1, 3, 5, 7, 9, 11, and 13 through contactor; control contactor with photocell on, time clock off.
- D. Add (5) Type XIV single face exit signs and (3) Type XIV double face exit signs. Connect to Circuit HAG-13.

11. Sheet E3.01 – Electrical Power Plan – Transportation

- A. Mechanical 117:
 - 1) Add GFI duplex receptacle on south wall. Connect to Circuit LT-62.
 - 2) Change combination starter / disconnect for AHU-2 to disconnect only.
- B. Mechanical 118, change combination starter / disconnect for AHU-1 to disconnect only.
- C. Meeting Room 111, provide duplex receptacle adjacent to display case shown at east wall. Connect to Circuit LT-3.
- D. Work Room 106:
 - 1) Provide duplex receptacle adjacent to display case shown on west wall. Connect to Circuit LT-8.
 - 2) Add a duplex receptacle on west wall at counter height, centered between (2) receptacles shown. Connect to Circuit LT-39.
- E. Training Video Room 103, add second duplex receptacle on west wall adjacent to duplex receptacle shown. Connect to Circuit LT-34.

12. Sheet E3.02 – Electrical Power Plan – Maintenance Area A

- A. Grounds 505A, provide 30A/3P/NF/Size 1 Starter / Disconnect on west wall for Exhaust Fan EF-11. Route 3#12, 1#12G, 3/4”C to Panel HMA, Circuits 19, 21, 23. Provide 20A/3P circuit breaker. Delete reference to MCCA-4.
- B. Mechanics 505B:
 - 1) Provide 30A/3P/NF Size 1 Starter / Disconnect on west wall for Exhaust Fan EF-10. Route 3#12, 1#12G, 3/4”C to Panel HMA, Circuits 25, 27, 29. Provide 20A/3P Circuit Breaker. Delete reference to MCCA-3.
 - 2) Provide 60A/3P/NF Disconnect Switch at each of (2) welders shown.
- C. HVAC 506A:
 - 1) Provide 30A/3P/NF/Size 1 Starter / Disconnect on west wall for Exhaust Fan EF-9. Route 3#12, 1#12G, 3/4”C to Panel HMA, Circuits 31, 33, 35. Provide 20A/3P circuit breaker. Delete reference to MCCA-2.
 - 2) Delete Motor Control Center MCCA.
 - 3) Delete Unit Heater UH-13.
 - 4) Change Unit Heater UH-14 to read UH-2.
 - 5) Add 30A/1P/NF Disconnect Switch adjacent to Panel HMA for Emergency Circuit EHA-1.
- D. Plumbing/Carpentry/Building Maintenance 507A, provide 30A/3P/NF/Size 1 Starter / Disconnect for Exhaust Fan EF-8. Route 3#12, 1#12G, 3/4”C to Panel HMA, Circuits 37, 39, 41. Provide 20A/3P circuit breaker. Delete reference to MCCA-1.
- E. Storage 504, route 3#12, 1#12G, 3/4”C from disconnect for FCU-3 to Panel HMA, Circuits 43, 45, 47. Provide 20A/3P circuit breaker. Delete reference to MCCA-5.
- F. Provide 3/4”C from condensing unit CU-3 and stub-up in corner of Storage Room 504 for control cabling.
- G. Add the following general note: CONTRACTOR SHALL PROVIDE DEVICE AND EQUIPMENT LAYOUT FOR OWNER’S REVIEW AND APPROVAL PRIOR TO ROUGH-IN.

- H. Add the following at the end of Key Note #2: INDUSTRIAL DUTY WITH AUTOMATIC SPRING RETRACTION. 1213 (RECEPTACLE), 1612 (FLUORESCENT HAND LAMP) AWG SJE0 CORD, 45 FEET MINIMUM. STEEL CONSTRUCTION WITH ADJUSTABLE CABLE GUIDE AND PLUG-IN POWER CORD. RECEPTACLE ONLY, 20A DUPLEX GROUND FAULT RECEPTACLE, HUBBELL #HBL45123GF20 WITH #HBL340PB PIVOT BASE. MOUNT CORD REELS TO STRUCTURE AS RECOMMENDED BY MANUFACTURER. FIELD VERIFY EXACT LOCATION OF CORD REELS WITH OWNER/ARCHITECT. MOUNTING LOCATION SHALL AVOID CONFLICTS WITH PIPING, LIGHT FIXTURES AND DUCTWORK, ETC. WHEN CORD REEL IS EXTENDED AND RETRACTED. SET BALL STOP AS DIRECTED BY OWNER / ARCHITECT.
13. Sheet ET1.01 – Electrical / Technology Site Plan – Transportation
- A. Add the following note: CONTRACTOR TO COORDINATE THE DEMOLITION OF THE EXISTING CENTERPOINT OVERHEAD PRIMARY WITH CENTERPOINT ENERGY.
- B. Re-route the (6) 2" low voltage conduits around the existing covered bus parking instead of through the bus parking as shown. Add 92) concrete pull boxes with H20 Traffic Duty Coverplates. Extend conduits at Maintenance Building underground to new MDF Room.
- C. Parking Lot Light Fixture Schedule, change voltage for fixture Types OA, OB, OC and OD from 277V to 480V.
- D. Change the line from the new CPN Transformer pole shown south of the new drive to the gutter on the Transportation Building from overhead electric to underground secondary. Delete the pole mounted transformer shown close to the building.
- E. The size and quantity of the underground conduits from the existing MDF room at the transportation building to the property line shall be (4) 4"C. Coordinate the exact conduit termination point at the property line with the service provider prior to rough-in.
- F. At each of the (3) motorized access gates, provide separate junction boxes for power and control cabling. From each of the (2) gates near the detention area, route 2#8, 1#10G, 1"C to Panel LM, Circuits #6 and #8. From the (2) gates at the Transportation Building, route 2#10, 1#10G, 1"C to Panel LT, Circuits #60 and #76.
14. Sheet ET1.02 Electrical / Technology Site Plan – Ag Facility
- A. Contractor shall disconnect and remove existing 277/480V panel, existing transformer, and existing 120/208V panel that are located in a small outbuilding being demolished due to conflict with the new Agricultural Facility. Remove existing conduit and wire serving the 277/480V panel back to the Main Distribution Panel at the southwest corner of the existing Agricultural Facility.
- B. The poles shown along the west side of the new drive are existing to remain. They are to be recircuited as shown since the 277/480V panel currently providing power is being demolished.
- C. Provide (1) 4"C between the existing CCTV IDF and the new Agricultural Facility for CCTV cabling.
- D. Delete Key Note #1.
- E. Provide a weatherproof junction box at the access control gate shown at the new drive. Route 2#10, 1#10G, 3/4"C from junction box to Panel LAG, Circuit #4.
15. Sheet T1.01 Technology Plan – Transportation
- A. Delete all ceiling mounted speakers.

- B. Meeting 111:
 - 1) Delete (2) data drops along plan east wall casework.
 - 2) Mount time clock rough-in at +48".

- 16. Sheet T1.02 Technology Plan – Maintenance – Area A
 - A. HVAC 506, add 1 data drop adjacent to plan south wall.

- 17. Sheet T1.03 Technology Plan – Maintenance – Area B and Mezzanine
 - A. Lobby 100A, add keypad rough-in on strike side of exterior door.
 - B. Workroom 202, add (1) data drop along plan south and plan north wall, each.
 - C. Office 301, add (1) data drop along plan south wall.
 - D. Lobby 300, Add keypad rough-in on strike side of exterior door.
 - E. CVISD Archive Storage 403, add door contact rough-in on strike side of plan west door.
 - F. Textbook Storage 404, add door contact rough-in for roll-up door.

PART E RE-ISSUED SHEETS

- 18. None

END OF ADDENDUM