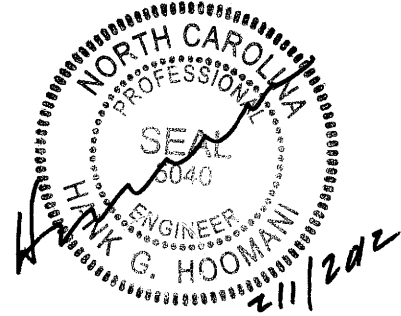




PROGRESSIVE DESIGN COLLABORATIVE, LTD.

ADDENDUM NO. 2

ADDENDUM DATE: February 1, 2012
PROJECT: DOBBS SCHOOL UPGRADES
VOCATIONAL BUILDING
OWNER: NC DJJDP
PROJECT NO. PDC Project #10053
SCO # 10-08517-01A
Code # 24060, Item # 23789802
ENGINEER: Progressive Design Collaborative, Ltd.
2900 Rowland Road, Suite 100
Raleigh, North Carolina 27615
Phone: (919) 790-9989
Fax: (919) 790-9367
BID DATE: February 9, 2012 at 3:00 PM



This Addendum, applicable to the work designed below, shall be understood to be and is an addendum and shall be part of and included in the contract for the above referenced project. Please acknowledge receipt of addendum on bid form. All General, Supplementary and Special Conditions, etc., as originally specified or as modified below shall apply to these items.

GENERAL CLARIFICATIONS:

Plumbing:

1. Waste, grease waste, and building drain/sewer piping, indoors and out is to be cast iron as per specifications section 22 13 16. This is a state project and that is the state standard.
2. An invert is not given for the building grease waste piping and grease interceptor inlets and outlets because of lack of knowledge of the existing building footings. The contractor(s) shall coordinate the indoor plumbing with the outdoor to establish an invert at the wall that can be worked toward from both directions.

Electrical:

1. Electrical Contractor shall route fire alarm conduit concealed when serving new wall mounted fire alarm devices. Contractor shall use adjacent classroom areas, above lay-in ceilings when concealing conduits.
2. When mounting new fire alarm devices on existing block walls, provide surface mount box suitably sized for device and colored red to match device as provided by FA system supplier.

DRAWINGS:

1. Sheet E-1 (Sketch AD-E2-01)
 - Revised fire alarm pull station symbol description.
 - Deleted RACP symbol description.

2. Sheet E-2 (Sketch AD-E2-02)
 - Revised Demolition Note 3.
3. Sheet E-5 (Sketch AD-E2-03)
 - Revised fire alarm riser.
 - Revised fire alarm riser notes.
4. Sheet E-5 (Sketch AD-E2-04)
 - Deleted extra horn strobe in Room 101 Reception.
 - Deleted RACP at Lobby 100.

END OF ADDENDUM NO. 2

Attachments – Sketches (4 Electrical)

PASS & SEYMOUR #3760
WITH #SH1 COVER

[F]

ADDRESSABLE MANUAL FIRE ALARM PULL STATION - PROVIDE INSTITUTIONAL TYPE, KEY OPERATED ONLY

SEE SPEC. 28 31 10

[H] #CD

FIRE ALARM SIGNAL - SPEAKER WITH VISUAL ALARM WALL MOUNTED AS DIRECTED BY LOCAL AUTHORITY. V #CD-REPRESENTS CANDELLA VALUE

SEE SPEC. 28 31 10

[H] #WP

EXTERIOR FIRE ALARM SIGNAL - SPEAKER WITH VISUAL ALARM - WALL MOUNTED AS DIRECTED BY LOCAL AUTHORITY. "WP" INDICATES WEATHERPROOF. CD#-REPRESENTS CANDELLA VALUE

SEE SPEC. 28 31 10

[S] #CD

FIRE ALARM STROBE UNIT, MOUNT AS DIRECTED BY LOCAL AUTHORITY #CD - INDICATES CANDELLA VALUE

SEE SPEC. 28 31 10

[FACB]

ADDRESSABLE FIRE ALARM CONTROL PANEL

SEE RISER ON E-5 AND SEE SPEC. 28 31 10



[HD]

HEAT DETECTOR - RATE OF RISE & FIXED TEMP (200°F)

SEE SPEC. 28 31 10

[SD]

ADDRESSIBLE PHOTOELECTRIC TYPE SMOKE DETECTOR

SEE SPEC. 28 31 10

[S] #CD

CEILING MOUNTED STROBE UNIT - #CD-INDICATES CANDELLA RATING OF STROBE

SEE SPEC. 28 31 10

[H] #CD

CEILING MOUNTED HORN-STROBE UNIT - #CD-INDICATES CANDELLA RATING OF STROBE

SEE SPEC. 28 31 10

[R]

AHU SHUTDOWN RELAY

SEE SPEC. 28 31 10

[SD]

PHOTOELECTRIC TYPE DUCT SMOKE DETECTOR AND SAMPLING TUBE PROVIDED BY ELECTRICAL INSTALLED BY MECHANICAL, WIRED BY ELECTRICAL

SEE SPEC. 28 31 10

AHU-N

REMOTE ANNUNCIATOR WITH KEY SWITCH "RAIL" FOR DUCT DETECTOR

SEE SPEC. 28 31 10

[]

HEAVY DUTY DISCONNECT SWITCH

SEE SPEC. 26 28 16

[]

120/208 VOLT 3PH, 4W PANELBOARD WITH NEUTRAL AND GROUND BUS ACCESSORIES.

SEE SPEC. 26 24 16

THIS SKETCH IS TAKEN FROM SHEET E-1 OF THE PROJECT DRAWINGS.



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HVAC RENOVATIONS
DOBBS VOCATIONAL SCHOOL
ADDENDUM: E2
SKETCH: E2-01

FEBRUARY 1, 2012

10053

AD-E2-01

DEMOLITION NOTES:

1. UNLESS NOTED OTHERWISE, ALL EXISTING PANELS ARE SHOWN FOR REFERENCE ONLY AND SHALL REMAIN.
2. ANY ITEMS REMOVED SHALL BE OFFERED TO THE OWNER. THE OWNER MAY RETAIN ANY ITEM REMOVED. ANY ITEM THAT THE OWNER DOES NOT RETAIN BECOMES THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ANY HOLES IN REMAINING WALLS RESULTING FROM THE REMOVAL OF ELECTRICAL DEVICES.
CLOSE COORDINATION IS REQUIRED BETWEEN THE ELECTRICAL AND GENERAL CONTRACTORS.
4. WHERE CONDUITS ARE CONCEALED IN EXISTING WALLS OR FLOORS NOT SUBJECT TO REMOVAL, THE CONTRACTOR MAY ABANDON THE CONDUIT BUT SHALL REMOVE ALL EQUIPMENT AND WIRING. PROVIDE BLANK STAINLESS STEEL FACEPLATES TO COVER EMPTY JUNCTION BOXES.
5. REMOVE ALL ELECTRICAL DEVICES, WHETHER SHOWN ON PLANS OR NOT, WHICH ARE LOCATED IN WALLS SUBJECT TO REMOVAL OR IN AREAS SPECIFICALLY REFERRED TO IN NOTES.
6. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN ALL CIRCUIT CONTINUITY TO ALL REMAINING CIRCUITS IN AREAS WHERE PART, BUT NOT ALL, OF THE CIRCUIT IS BEING REMOVED.
7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO THE BID TO DETERMINE FIELD CONDITIONS AND TO FIELD VERIFY THE EXTENT OF THE DEMOLITION WORK.

THIS SKETCH IS TAKEN FROM SHEET E-2 OF THE PROJECT DRAWINGS.

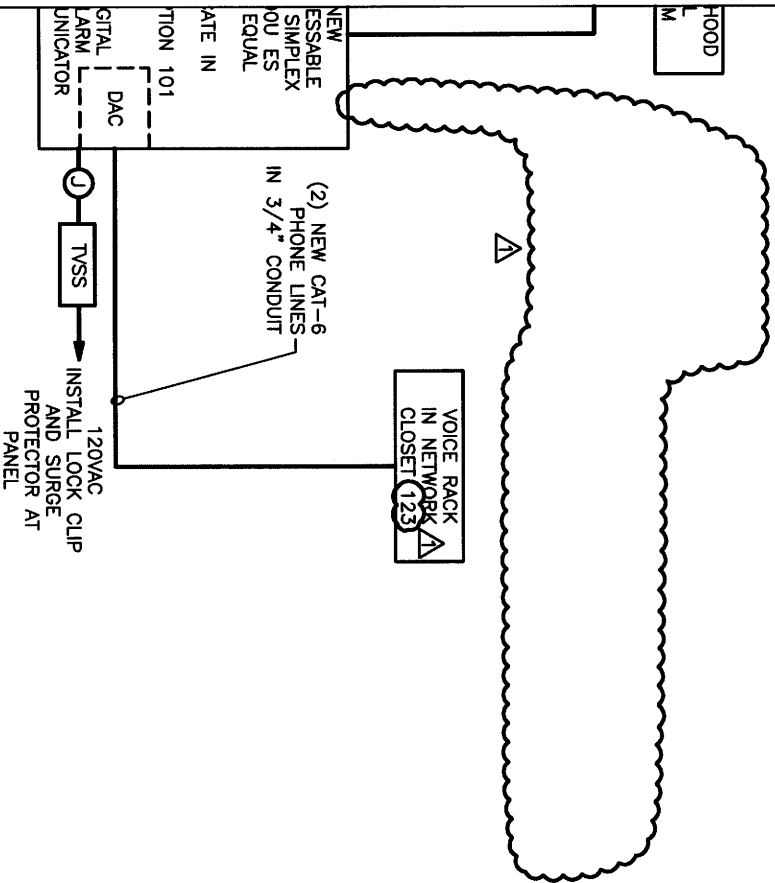


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HVAC RENOVATIONS
DOBBS VOCATIONAL SCHOOL
ADDENDUM: E2
SKETCH: E2-02

FEBRUARY 1, 2012

10053
AD-E2-02



EXISTING BLDG

15. SURGE PROTECTION FOR FIRE ALARM SYSTEM SHALL BE INSTALLED IN A MINIMUM 6"x6"x4" JUNCT (PAINTED RED) WITH LOCKING COVER AND HINGE. TYPICAL FOR 120 VAC AND 24 VOLT DC CIRCUIT.
16. DUCT DETECTORS PROVIDED BY ELECTRICAL CONTRACTOR AND INSTALLED BY HVAC CONTRACTOR. SHALL BE PLACED SO AS TO BE ACCESSIBLE BY AN 8'-0" LADDER WITH NO OBSTRUCTIONS. PROVIDE ACCESS DOOR FOR SAMPLING TUBES. NOTE: PROPER INSTALLATION AND LOCATION OF DETECTORS AND ACCESS DOORS SHALL BE COORDINATED CLOSELY BETWEEN THE ELECTRICAL, MECHANICAL AND SUB-CONTRACTOR, AND APPROVED BY THE MECHANICAL AND ELECTRICAL ENGINEERS PRIOR TO INSTALLATION.
17. NOT USED.
18. PROVIDE SHUTDOWN DEVICES FOR ALL AHUS, ETC. AS DEFINED IN THE SPECIFICATIONS.
19. IF ANY ARCHITECTURAL CHANGES ARE MADE THAT SHALL AFFECT ANY DEVICE PLACEMENT, THIS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO INSTALLATION.
20. THE SHOP DRAWINGS SUBMITTALS SHALL CONTAIN ALL DOCUMENTATION AS IDENTIFIED IN THE FIRE ALARM SECTION 907 OF THE BUILDING CODE. (I.E.: FLOOR PLAN W/DEVICE LAYOUTS, VOLT DROP CALCS, ANNUNCIATION, INTERCONNECTION DIAGRAMS, BATTERY CALCULATIONS, CONDUCTOR TYPE AND SIZE, MANUFACTURER'S LITERATURE, INTERFACE OF FIRE SAFETY AND CONTROL FUNCTIONS, FIRE ALARM OPERATION MATRIX, POWER CONNECTIONS, ALARM CONTROL AND SIGNALING EQUIPMENT, ETC.).
21. SEE SPECIFICATION 28.31.10 AND REFER TO LATEST STATE OF NORTH CAROLINA DEPARTMENT OF STATE CONSTRUCTION OFFICE FIRE ALARM GUIDELINES AND POLICIES 2011.
22. ANY CUTTING AND PATCHING ASSOCIATED WITH ANY ELECTRICAL ITEMS SHALL BE DONE BY THE GENERAL CONTRACTOR. CLOSE COORDINATION IS REQUIRED BETWEEN THE ELECTRICAL AND GENERAL CONTRACTORS.
23. MECHANICAL/ELECTRICAL ROOMS SHALL USE SURFACE CONDUIT AND OUTLET BOXES FOR NEW DEVICES.
24. BREAKERS THAT SERVE FIRE ALARM PANEL AND NAC CABINETS SHALL BE PROVIDED WITH BREAKER LOCKS TO PREVENT PERSONNEL FROM ACCIDENTALLY TURNING OFF LIFE SAFETY SYSTEM.
25. IN LOCATIONS WHERE DUCT DETECTORS ARE LOCATED ABOVE CEILING, THE CEILING GRID BELOW THE DETECTOR SHALL BE IDENTIFIED.
26. THE CONTRACTOR SHALL PROVIDE, UPON PRE-FINAL INSPECTION, A COMPLETED NFPA 72 FORM 904 OUT COMPLETELY. THIS FORM SHALL BE REVIEWED BY THE ENGINEER FOR CONCURRENCE.

FIRE ALARM RISER

THIS SKETCH IS TAKEN FROM SHEET E-5 OF THE PROJECT DRAWINGS.



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HVAC RENOVATIONS
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 ADDENDUM: E2
 SKETCH: E2-03

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