

ADDENDUM



Public Building Commission of Chicago • Richard J. Daley Center • 50 West Washington, Room 200 • Chicago, Illinois 60602 • Tel: 312-744-3090 • Fax: 312-744-8005

ADDENDUM NO.: 2
PROJECT NAME: CPS 2015 Air-Conditioning Program – Region C Project
PROJECT NO.: 05947; 05950; 05927; 05952; 05931; 05932; 05957; 05958; 05959; 05962; 05944; 05946
CONTRACT NO.: C1570C
DATE OF ISSUE: June 12, 2015

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum.

ITEM NO. 1: CHANGE TO BID OPENING DATE AND TIME

1. Bid Opening Due Date and Time has been extended to Thursday, June 18, 2015 at 11:30a.m.

ITEM NO. 2: CLARIFICATION TO REFERENCES IN ORIGINAL BID DOCUMENTS

2. None.

ITEM NO. 3: CLARIFICATION TO ADDENDUMS

1. None.

ITEM NO. 4: REVISIONS TO BOOK 1: Project Information, Instructions to Bidders, and Execution Documents

1. None.

ITEM NO. 5: REVISIONS TO BOOK 2: Standard Terms and Conditions for Construction Contracts

1. DELETE Book 2, Section 7.03, Article 5, paragraph b.
2. DELETE Book 2, Section 7.07, Article 9, paragraph b.

ITEM NO. 6: REVISIONS TO BOOK 3, DIVISIONS 02 - 49 SPECIFICATION SECTIONS

1. None.

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ITEM NO. 7: REVISIONS TO DRAWING SHEETS

1. ASHBURN, drawing sheet A1.0-AN – BASEMENT PLAN
 - a. Detail 2, Revise note "~~EXISTING DOOR TO BE REMOVED AND RELOCATED.~~" to read "**EXISTING DOOR AND FRAME TO BE REMOVED. RETURN DOOR AND FRAME TO THE SCHOOL.**"
 - b. Detail 3, Revise note "~~RELOCATED DOOR~~" to read "**B-LABEL HOLLOW METAL FLUSH DOOR AND FRAME WITH 2" HEAD. PROVIDE CPS DOOR HARDWARE SET #2. COORDINATE KEYING WITH THE SCHOOL.**"
2. ASHBURN, drawing sheet E1.0.0-AN – BASEMENT ELECTRICAL PLAN
 - a. ELECTRICAL ROOM DEMOLITION PLAN, revise per attached sheet E1.0.0-AN
 - b. ELECTRICAL ROOM NEW WORK PLAN, revise per attached sheet E1.0.0-AN
3. ASHBURN, drawing sheet E1.1.0-AN – FIRST FLOOR ELECTRICAL PLAN
 - a. FIRST FLOOR ELECTRICAL PLAN, revise per attached sheet E1.1.0-AN
 - b. ELECTRICAL SITE PLAN, revise per attached sheet E1.1.0-AN
4. ASHBURN, drawing sheet E4.1.0-AN – SCHEDULE & DETAILS
 - a. RISER DIAGRAM, revise per attached sheet E4.1.0-AN
 - b. PANELBOARD SCHEDULES, revise per attached sheet E4.1.0-AN
 - c. ELECTRICAL LOAD CALCULATION, revise per attached sheet E4.1.0-AN
5. MOUNT GREENWOOD, drawing sheet E1.1.0-MG – FIRST FLOOR ELECTRICAL PLAN
 - a. At FIRST FLOOR ELECTRICAL PLAN in rooms Special Ed. 007A and Special Ed. 007B **add** Drawing Note E3.
 - b. At Drawing Notes add note E3 to read: "**EXISTING WINDOW FAN UNIT TO BE REMOVED IN THIS ROOM. REMOVE ALL ASSOCIATED ELECTRICAL DEVICES BACK TO SOURCE AND PATCH OPENINGS.**"

ITEM NO. 8: REQUESTS FOR INFORMATION

1. **Statement:** What contract responsibility A or B is to patch the holes in the outside wall after a existing AC Unit has been removed?
Response: Patching required as a result of AC Unit removal and installation will be provided by the PBC and is not a requirement of this bid.
2. **Statement:** Can the construction personnel use the schools restrooms or should temporary facilities per school be furnished?
Response: Temporary toilet facilities are not required for this project. Therefore, Book 2, Section 7.07, Article 9, DELETE Paragraph b.
3. **Statement:** Where existing electrical raceways are to be removed back to the source Shall the surfaces be patched and painted or repainted corner to corner for example classroom ceilings and walls and hallways.
Response: Refer to Electrical and General Notes on the "A" sheets for all schools which states: "...Areas shall be locally patched, primed and painted to match the existing adjacent surface for a uniform appearance, full wall painting is not required in the scope of work."

ADDENDUM



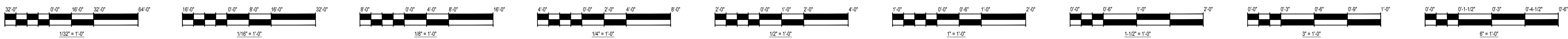
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4. **Statement:** How will book 2 conditions be enforced? It calls for things like Section 7.02 Cleaning Up. Are we required to wax the floors. Also Section 7.03 Article 5, B. Are we to cut the grass and weed each and every school?
Response: Clean Up, when required as a result of Contractor's Work, will be performed in accordance with the requirements outlined in Section 7.03. Floor waxing is not required. Mowing of grass and or weeds will not be a requirement, Therefore, Book 2, Section 7.03, Article 5, DELETE paragraph b.
5. **Statement:** There is a general note on the drawings stating where the AC units are to be removed that all associated power, switch, surface raceway, conduit and all assoc. power be removed back to the panel. This issue is there is a note in the environmental report to assume all wiring is asbestos. This is a very significant price to assume all wiring is asbestos. I think it would be better to place an allowance for this if it is encountered otherwise this price will most likely blow the budget as IDPH regs are pretty significant for asbestos abatement of wiring in schools. That way the initial pricing will be far more more reasonable as it most likely not be and issue.
Response: The contractor shall not include any asbestos abatement costs associated with electrical wire removal in their bid. PBC will perform testing and provide required directive if asbestos is confirmed. Contractor shall provide written notice to the PBC for each school when confirmation of lock-out tag-out of the electrical wire requiring removal is completed. Results of testing will be made available within 48 hours of lock-out tag out. No disturbance to assumed electrical wire can occur until written results have been provided to the contractor.

List of Attachments and Drawings:

1. This Addendum includes the following attached revised Drawing Sheets:
 - a. E1.0.0-AN – BASEMENT ELECTRICAL PLAN
 - b. E1.1.0-AN – FIRST FLOOR ELECTRICAL PLAN
 - c. E4.1.0-AN – SCHEDULE & DETAILS

END OF ADDENDUM NO. 2



VOLTAGE DROP CHART

LENGTH OF BRANCH CIRCUIT	WIRE SIZE: 1 TON A/C UNIT	WIRE SIZE: 2 TON A/C UNIT
50'-0"	#12	#12
75'-0"	#12	#12
100'-0"	#12	#12
125'-0"	#12	#12
150'-0"	#12	#10
175'-0"	#12	#10
200'-0"	#12	#10
225'-0"	#12	#10
250'-0"	#12	#8

A/C UNIT SCHEDULE

TAG	SIZE	VOLTAGE	AMPS	RECEPTACLE TYPE
AC-1	1 TON	208V.	5.1	NEMA 6-15R
AC-2	2 TON	208V.	12.4	NEMA 6-20R

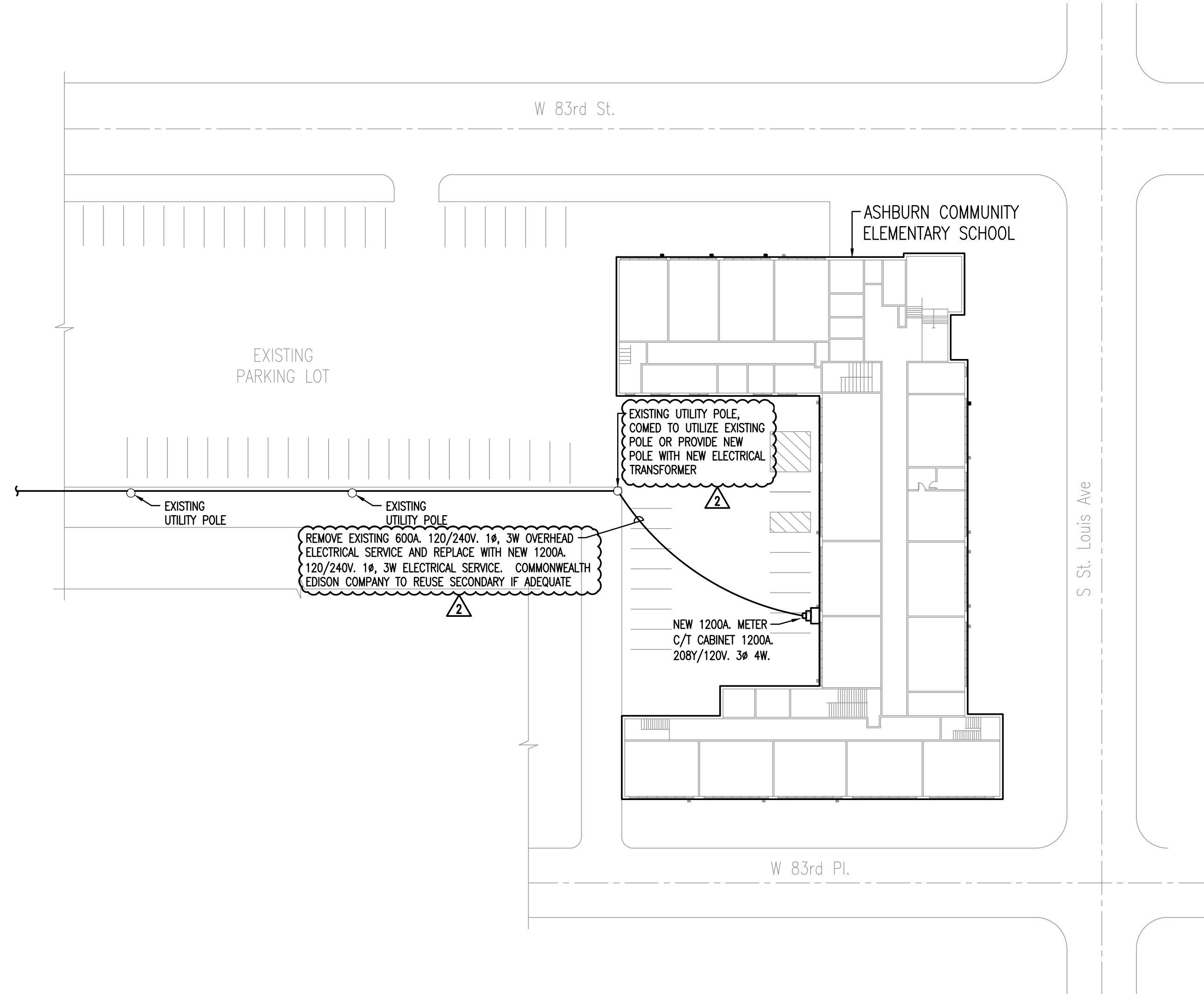
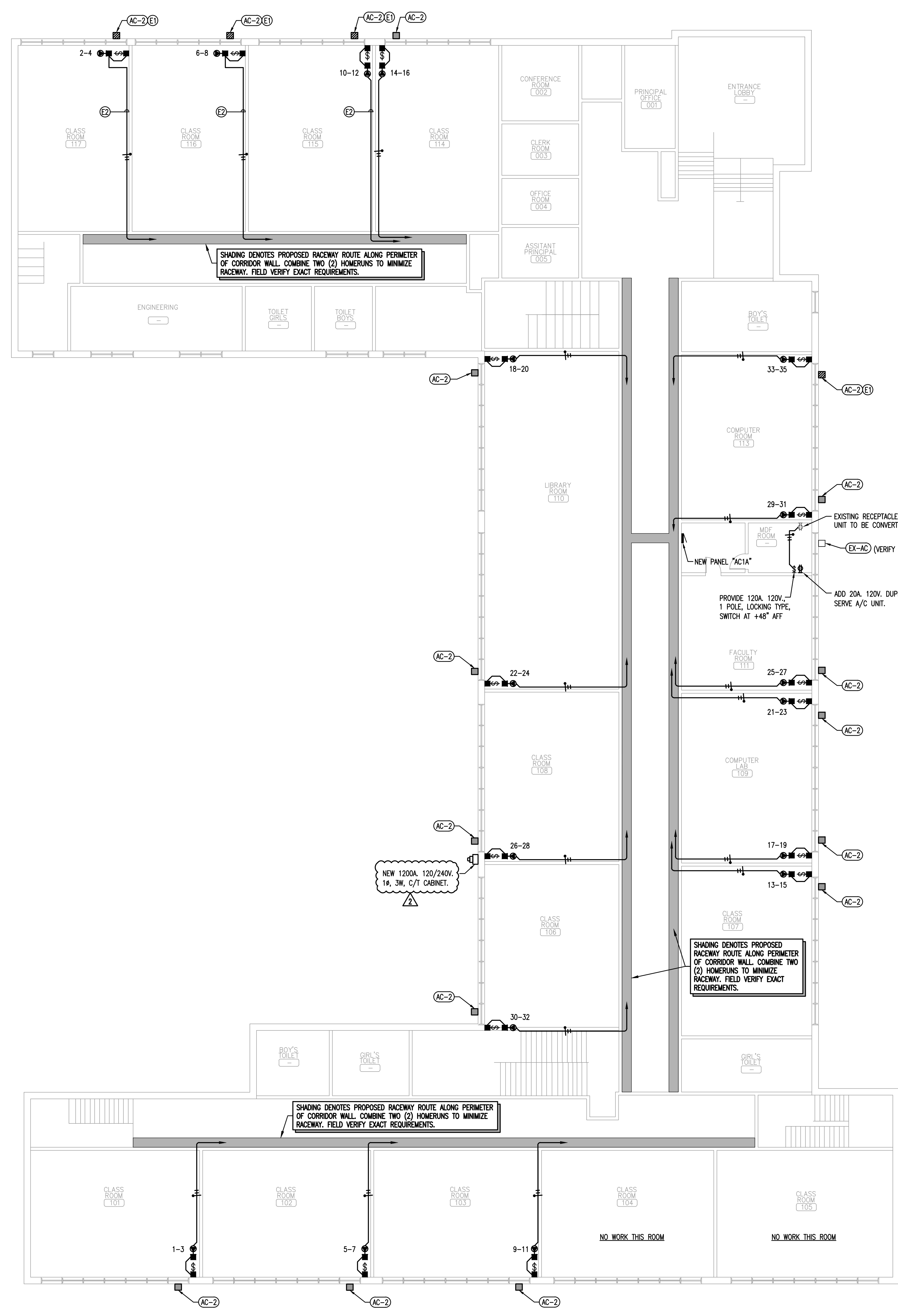
DRAWING NOTES:

- ① EXISTING A/C UNIT TO BE REPLACED. REMOVE EXISTING RECEPTACLE, SWITCH, RACEWAY, AND CONDUCTORS BACK TO SOURCE AND PATCH OPENINGS. CONTRACTOR SHALL REUSE EXISTING FLOOR, CEILING, OR WALL PENETRATION WHERE APPLICABLE.
- ② IF APPLICABLE, CONTRACTOR CAN UTILIZE EXISTING WIREMOLD V500 SERIES RACEWAY THIS ROOM.

POWER PLAN GENERAL NOTES

1. THE MINIMUM WIRE SIZE SHALL BE 12 AWG.
2. THE MINIMUM CONDUIT SIZE FOR HOMERUNS AND BRANCH FEEDS TO BE 3/4" OR V700 SERIES WIREMOLD. ALL EXPOSED RACEWAYS TO BE WIREMOLD. ALL RACEWAYS CONCEALED ABOVE CEILING, IN ATTIC, IN BASEMENT, OR CRAWL SPACE SHALL BE CONDUIT.
3. CONTRACTOR TO ROUTE RACEWAYS IN A NEAT AND ORDERLY FASHION, PARALLEL OR PERPENDICULAR TO BUILDING LINES. PROVIDE OFFSETS AROUND OBSTRUCTIONS OR MODIFY EXISTING CONDITIONS. NOTCH WOODWORK TO ACCOMMODATE ROUTING.
4. THE CONTRACTOR SHALL UPSIZE CONDUCTORS AND CONDUITS TO COMPENSATE FOR VOLTAGE DROP. SEE "VOLTAGE DROP CHART", THIS SHEET.
5. ALL CONDUIT ROUTING AND PENETRATIONS TO BE REVIEWED/APPROVED BY THE ENVIRONMENTAL CONSULTANT PRIOR TO START OF CONSTRUCTION. PROVIDE A PROPOSED ROUTING PLAN FOR REVIEW.

ALL BRANCH CIRCUITS ON THIS PLAN TO BE FED FROM NEW PANEL "AC1A"



2 ELECTRICAL SITE PLAN
E1.1.0 SCALE: 1" = 40'-0"

1 FIRST FLOOR ELECTRICAL PLAN
E1.1.0 SCALE: 3/32" = 1'-0"



CPS 2015 SUMMER A/C PROGRAM
ASHBURN COMMUNITY ELEMENTARY SCHOOL
 8300 S. SAINT LOUIS AVE.
 CHICAGO, IL 60652
 CHICAGO PUBLIC SCHOOLS
 CITY OF CHICAGO, MAYOR RAHMI EIMANUEL

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CS2 DESIGN GROUP, LLC
 837 OAKTON ST.
 ELK GROVE VILLAGE, IL 60007

WARNING:
 ASBESTOS CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THIS BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL. FOR REVIEW UPON REQUEST. NO PERSON MAY DISTURB ASBESTOS CONTAINING MATERIALS UNLESS THAT PERSON IS A LICENSED ASBESTOS ABATEMENT WORKER OR CONDUCTS SUCH WORK IN ACCORDANCE WITH SECTIONS 028213.028216 AND IN COMPLIANCE WITH THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH RULES AND REGULATIONS.
 LEAD-BASED PAINT MAY BE PRESENT WITHIN THE BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE APPROPRIATE SAFETY MEASURES IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS INCLUDING OSHA (29 CFR 1926.62) COMPLIANCE WASTE CHARACTERIZATION AND WASTE DISPOSAL. ALL WORK WITH SURFACES CONTAINING LEAD-BASED PAINT SHALL BE DONE IN ACCORDANCE WITH SECTION 028116.13.

Mark	Description	Date
	ISSUED FOR BID	05.26.15
Δ	ADDENDUM NO. 2	06.11.15

PBC Project Name: **CPS 2015 SUMMER A/C PROGRAM**
 PBC Contract No: C1570
 PBC Project No: 05947
 FGM Project No.: 15-2016.01
 Title: **FIRST FLOOR ELECTRICAL PLAN**
 Sheet: **E1.1.0-AN**

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