



Project: Lincoln Public Schools – Irving Middle School Indoor Air Quality Improvements
Irving Middle School
2745 S. 22nd Street, Lincoln, NE 68502

Bid Pckg: #7922

Project No.: Engineers Project No.: 2014-070

Engineer: Engineering Technologies, Inc.
825 M St, Suite 200, Lincoln, NE 68508

Issued: January 16, 2015

Bid Date: January 29, 2015 (2:00 p.m.) at LPSFM

Bid Opening: Lincoln Public Schools
Facilities and Maintenance Office
800 S. 24th Street, Lincoln, NE 68510

ADDENDUM #1

This addendum is issued by the Engineer to all known bidders before receipt of proposals. This Addendum is to authorize the use of the following information in preparing proposals for the above named project. Bidder **must** acknowledge the receipt of this Addendum on their **Proposal Sheet** and all information contained herein shall become a part of the contract documents.

PART 1 – GENERAL ITEMS

1.1 GENERAL

- A. See attached pre-bid meeting agenda and sign-in sheets.

1.2 ARCHITECTURAL

- A. General Questions and Clarifications
 - i. Estimated project construction cost
 - (a) **Question:** *What is the estimated construction cost for the Irving IAQ project?*
Response: The Base Bid amount should be around \$16,000,000.
 - ii. Floor to Floor Dimensions
 - (a) **Question:** *What are the floor to floor dimensions?*
Response: The ground floor of the original school building has several floor elevation changes, but in general, floor to floor heights at the major floor levels range from 13' to 16'+. The structural drawings indicate the following floor elevations for the major floor levels:
 - Lower (Tunnel) Level – EL. 97'-6"
 - Rec Center Floor – EL. 105'-6"
 - Ground (Foundation) Floor – EL. 110'-6"
 - First (Main) Floor – EL. 124'-6"
 - Second Floor – EL. 138'-6"
 - Third Floor – EL. 152'-6"
 - Fourth Floor – EL. 168'-10"

The Contractor shall note there are a few multi-story spaces included in the project. For example, Rec Center Gym 008, Music 216, Auditorium 200 and Stage 202 span multiple floor levels.

1.3 ELECTRICAL

- A. Display Case Light Fixtures
 - i. Display case light fixtures are shown on demo plans to be removed. Contractor shall not remove fixtures. Light fixtures shall remain and be connected to new lighting circuit as required.

- B. Gymnasium Scoreboards
 - i. Contractor shall remove scoreboards from the Gym along with all related connection, hardware, etc. Contractor shall patch/repair wall as required.

- C. Recessed Panelboards that are being replaced
 - i. For recessed panelboards that are being removed and replaced, the Contractor shall provide a “Retrofit Existing Enclosure” to help eliminate cutting and patching surfaces. Contractor shall field measure each box and work with panel manufacturer to provide the correct enclosure and/or trims.

PART 2 – PRIOR APPROVAL

2.1 MECHANICAL

- A. The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:

<u>List Equipment Here</u>	<u>List Manufacturer Here</u>
Energy Recovery Units	Annexair

2.2 ELECTRICAL

- A. The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:

<u>List Equipment Here</u>	<u>List Manufacturer Here</u>
Light Fixture Type 17	Corelite
Light Fixture Type 18	Corelite
Light Fixture Type 19	Lumen Werx
Light Fixture Type 28	Rig-A-Lite
Light Fixture Type 32	Metalux
Light Fixture Type 37	Portfolio
Light Fixture Type 38	Corelite
Light Fixture Type 41	McGraw-Edison, Cooper
Light Fixture Type 42	McGraw-Edison
Light Fixture Type 44	McGraw-Edison
Light Fixture Type 45	McGraw-Edison, Cooper
Light Fixture Type 47	Portfolio
Light Fixture Type 48	Portfolio
Light Fixture Type 49	Portfolio
Light Fixture Type 50	Portfolio
Light Fixture Type 54	Portfolio
Light Fixture Type 55	Metalux

PART 3 – SPECIFICATIONS

3.1 GENERAL

- A. Section 002113 – Instructions to Bidders
 - i. Refer to 7.2.A – In the first sentence, change the time to deliver bonds from “three days” to “five days”.
- B. Section 004113 – Proposal Form
 - i. The LPS Bid No. listed is incorrect. The correct number is LPS Bid No. 7922.
 - ii. The Proposal Form does not list Unit Price #9 for Electrical Conduit as described in Section 012200 “Unit Prices”. This will be added to the Proposal Form and a new copy issued.
 - iii. Refer to Unit Price No. Eight. There needs to be a Unit Price for a 2-1/2” valve. This will be inserted as Unit Price 8g.
 - iv. Refer to Unit Price No. Eight. The existing form lists a 3” valve for both 8g and 8h. The 8h needs to be changed to a 4” valve. With the added price for a 2-1/2” valve, the 3” and 4” valve Unit Prices will now be 8h and 8i.
 - v. The new Proposal Form is attached at the end of this Addendum.
- C. Section 011000 – Summary
 - i. Replace the Second Floor Phasing Plan drawing with the attached drawing.
 - ii. Refer to 1.6.C.2. – The Owner will install the software and devices for the Access Control system. The cabling will be included in the work for this project in the Base Bid. The original wording incorrectly indicated that the Owner would provide the cabling.
- D. Section 012200 – Unit Prices
 - i. Refer to 3.1.G.3 – At the end of this paragraph, delete the wording: “as indicated in Allowance No. 3”. This Unit Price is not related to Allowance No. 3.
 - ii. Refer to 3.1.H. – Add a Unit Price 8g for a 2-1/2” valve replacement. Change the Unit Price Nos. for 3” and 4” valves to 8h and 8i respectively. This change has also been noted on the revised Proposal Form issued with this Addendum.
- E. Section 012300 – Alternates
 - i. Refer to 3.1.C Alternate No. 3 – At the end of this paragraph, add the sentence: “The new floor mounted hand rails at the side aisles will remain in the Work under this Alternate.”

F. Section 013300 – Submittal Procedures

- i. Refer to 1.5.D.1. – Change the word “Construction Administrator” to “Owner”. The cost for Submittal Exchange will be paid by the Owner.
- ii. Refer to 1.5.D.3. – Delete this note in its entirety. Paper copies of key submittals will not be required.

3.2 ARCHITECTURAL

A. Section 075552 – SBS Modified Bituminous Roofing and Re-roofing

- i. The page numbering in the footer at the bottom of the page lists an incorrect specification section.

B. Section 083313 – Coiling Counter Door

- i. The section is added to specify the new counter door to be installed in the existing opening at Dish Room 100B. This section is attached at the end of this Addendum.

C. Section 084113 – Aluminum Entrances and Storefronts

- i. Refer to 2.10.A. – Finishes – Change the High-Performance Organic Finish from a 3-coat system to a 2-coat system. Delete the clear top coat.
- ii. Refer to 2.10.A.1. – Change the finish note to read: “Color and gloss: A standard white finish as selected from the manufacturer’s full range.” All storefront and entrance finish on the project will be the same color.

D. Section 085200 – Wood Windows

- i. **Question:** *Is the window glazing film in paragraph 2.4 of Wood Window section 085200 indeed expected? Typically a permanent film will void the manufacturer’s glazing warranty.*
Response: A film is the LPS preference for obscure glass. They are aware that a manufacturer may not warranty the glazing. The local supplier can possibly warrant the glazing at their discretion. The bid should include the glazing film where indicated in the Construction Documents, but window suppliers can propose an alternative method of providing obscure glass for review and approval by the Owner.
- ii. **Question:** *The specs call for non-standard glazing & higher-valued false muntins. LPS can save money on these windows if manufacturer’s standard glazing & grilles between glass are acceptable.*
Response: LPS is aware that the specified glazing is not standard for some wood window manufacturers. Due to the large size of the windows, providing 1” insulated glass as specified seems to be advantageous structurally. Regarding the grilles, LPS has typically used the type adhered to the outside face and prefers to continue with that detail.

E. Section 087100 – Door Hardware

- i. Refer to 2.13. – Finishes – The finish for door hardware in this project is to match the existing hardware in each of the two building areas. In the LPS portion of the building, the existing door hardware is typically a 612-Satin Bronze finish. In the Rec Center the typical finish is Satin Chromium or Satin Stainless. The Hardware Schedule indicates all hardware is Satin Chromium or Stain Stainless – this is not correct.

F. Section 095113 – Acoustic Panel Ceilings

- i. Refer to 2.8.A. - Delete this product. The Privacy Blocker Panels specified will not be required on the Project.

G. Section 126100 – Fixed Audience Seating

- i. Refer to 2.3.F.2. – Change the material for the intermediate armrests from molded plastic to hardwood to match the wood at the aisle end standards. The intermediate are not to be molded type as at the aisle standards, but shall be the manufacturer’s standard wood shape.
- ii. Refer to 2.4.C. – Delete this paragraph in its entirety as the intermediate armrests were changed above from molded plastic to hardwood.
- iii. Refer to 2.4.D. – Add the following sub-paragraph 3. to read: “3. Fabric shall be tested to withstand 500,000 double rubs minimum”.
- iv. Refer to 2.4.D.2. – Add the following wording at the end of the sentence: “up to Grade 6 per American Seating’s fabric selections or the equivalent from a substituted manufacturer’s fabric selections.”

3.3 MECHANICAL

A. Section 230713 – Duct Insulation

- i. Refer to 3.03.B. – Schedules – Delete Paragraph in its entirety.

3.4 TECHNOLOGY

A. Section 27501 – Common Work Results for Communications

- i. Refer to 1.14. – Quality Assurance – Add the following paragraph – “Mockup Room – The contractor shall mock up one room at school. The room to be mocked up shall be coordinated with the Owner. The room shall be completely mocked up including all rough-ins installed, AV Gear Box installed and all data cable installed in the room. The mockup room shall be approved by LPS prior to work proceeding in other rooms.”

- ii. Contractor Qualifications – Contractor to acknowledge and attach qualification/certification requirements to the Bid Form per specification section 270501 Common Work Result For Communications.

PART 4 – DRAWINGS

4.1 GENERAL

- A. Sheets M3.0A through M3.3B – Smoke Dampers in Transfer Ducts
 - i. For bidding purposes, the HVAC Contractor and the Electrical Contractor shall include in their bid pricing for providing and installation of 40 smoke dampers which will be added to the project. The Contractor shall assume the dampers will be approximately 16" X 10" in size and be installed at the corridor wall in the transfer air ducts between the classroom and corridors throughout the building. The Electrical Contractor shall provide power to the dampers with approximately 8 separate circuits. Exact sizes and locations will be provided to the successful contractor after the bid.

4.2 ARCHITECTURAL

- A. Sheet A1.0C – Demolition Plan – Ground Floor Area C
 - i. Contractor shall remove, salvage and turnover to LPS the existing scoreboard and all mounting hardware located on the north wall of Gym 006 (near the northeast corner – below the roof trusses). See attached sketch A1.0C-1 for clarification. Refer to Electrical for additional information.
- B. Sheet A1.0D – Demolition Plan – Ground Floor Area D
 - i. Contractor shall remove, salvage and turnover to LPS the existing scoreboard and all mounting hardware located on the north wall of Gym 006 (near the northwest corner – below the roof trusses). See attached sketch A1.0D-1 for clarification. Refer to Electrical for additional information.
- C. Sheet A1.1A – Demolition Plan – First Floor Area A
 - i. Change demolition note 21 to read, "Remove existing roof system down to existing concrete roof slab. Prep existing substrate surfaces as required to facilitate installation of a new (complete) fully adhered, 60 mil (reinforced) EPDM roof system."
- D. Sheet A1.1B – Demolition Plan – First Floor Area B
 - i. At Dish Room 100B, remove the existing overhead sliding dish door and wood trim. At the stainless steel dish table inside 100B, remove the existing stainless steel shelves mounted in the opening above the table. Patch and finish the stainless steel table as needed.
- E. Sheet A1.2A – Demolition Plan – Second Floor Area A
 - i. At the double door entrance to Media 217, the Contractor shall remove the existing book security system. The security system components are to be salvaged for the Owner.
- F. Sheet A1.4B – Demolition Plan – Fourth Floor Area B
 - i. At the Upper Stage Note 8 is not correct. This existing opening will become a window, not a door as indicated in the note. The access door to the Upper Stage will be installed in the existing opening to the south as shown on Sheet A2.4B.
- G. Sheet A2.0B – Floor Plan – Ground Floor Area B
 - i. Locate the north end of the CT screen wall (located north of the LES transformers on the west side of the building) 3'-0" south of the adjacent (existing) masonry pilaster. See attached sketch A2.0B-1 for clarification.
- H. Sheet A2.1A – Floor Plan – First Floor Area A
 - i. Change sheet specific note 17 to read, "As part of the Contractor's base bid, the Contractor shall install a new (complete) fully adhered, 60mil (reinforced) EPDM roof system w/ polyiso tapered insulation as needed to promote drainage to an existing wall outlet. The completed (reinforced) fully adhered EPDM roof system shall qualify for manufacturer's 15-year (full system) warranty." (Note that the EPDM roof system is not specified in the Project Manual. This is the only location where this system occurs.)
- I. Sheet A2.1B – Floor Plan – First Floor Area B
 - i. Construct three (3) study carrels adjacent the northeast corner of SPED 101. See attached sketch A2.1B-1 for clarification.
 - ii. At Dish Room 103B, remove the existing overhead sliding wood door and install a new aluminum coiling counter door as specified in Section 083313 attached at the end of this Addendum. This work will include removal of the existing wood trim and wood door at the opening, installation of the new counter door, and installation of new 16gauge, type 304 stainless steel (endwall) trim at the jambs and head of the opening. Contractor shall coordinate stainless steel wing dimensions with field conditions w/ minimum dimension measuring not less than 3".

- J. Sheet A2.4B – Floor Plan – Fourth Floor Area B
 - i. At the north side of Music 400 and 401 there are three (3) existing openings that are to receive metal panels. The notes indicate the width of the openings but not the height. These openings are approximately 8'-0" tall.
- K. Sheet A3.2 – Elevations – North and South Original Building
 - i. Refer to M1 South Elevation – Towards the west end at the top of the fly loft wall, there is a window notation WC 46, but no window shown. There is a window Type WC 46 in the blank rectangle below the notation. See attached sketch A3.2-1 for clarification

4.3 ELECTRICAL

- A. Sheet E0.1 – Site Plan – Electrical
 - i. Contractor shall remove the conductors from the lighting circuit serving the two pole lights in the Northwest parking lot. See Note F on Sheet C2.01.
- B. Sheet E1.1B First Floor Plan – Area B – Electrical Demolition
 - i. Change Note 22 to read the following – “REMOVE AND SALVAGE EXISTING DATA RACK AND TURN OVER TO THE OWNER.”
 - ii. See attached drawing for revision.
- C. Sheet E2.1B First Floor – Area B – Lighting
 - i. Contractor shall provide a lighting circuit to the lights under the new kitchen hood. Provide a switch on the wall. Use a spare 20A circuit from Panel “B1D”.
- D. Sheet E2.2B Auditorium Floor Plan-Aisle Lighting
 - i. Change switch at Control Desk called out in sheet note 24 to be two 600VA 120 volt, magnetic low voltage, slider control with preset button, Leviton 6611-PGY. One switch for each transformer.
- E. Sheet E3.0TA Tunnel Floor Plan – Area A – Electrical
 - i. Provide a drip pan above Switchboard “MDG”. There are refrigerant lines above that will not be removed until the end of the project. Remove pan after lines are removed.
- F. Sheet E3.1B – First Floor Plan – Area B – Electrical
 - i. See attached drawing for new data and power in Sped. 101.

4.4 TECHNOLOGY

- A. Sheet T1.0B Ground Floor Plan – Area B – Telecommunications
 - i. Attachment #1 – See attached drawing for revision.
- B. Sheet T1.1A First Floor Plan – Area A – Telecommunications
 - i. Attachment #1 – See attached drawing for revision.
- C. Sheet T1.1B First Floor Plan – Area B – Telecommunications
 - i. Reception 105 – Delete 46” phone location, data and corresponding note 18 on new South chase wall.
- D. Sheet T1.2A Second Floor Plan – Area A – Telecommunications
 - i. Computer 219 – Change note 6 to note 23 which reads as follows: - “A/V OUTLET LOCATION ROUTE ONE HDMI CABLE FROM THE JUNCTION BOX TO THE PROJECTOR LOCATION. PROVIDE WIREMOLD BOX, MOUNTED DIRECTLY ABOVE EXISTING RACEWAY, AND WIREMOLD AS NECESSARY. REFER TO DETAILS 2 AND 12 ON SHEET TC1.5 FOR ADDITIONAL INFORMATION.”
- E. Sheet T1.3B Third Floor Plan – Area B – Telecommunications
 - i. Attachment #1 – See attached drawing for revision.
 - ii. Attachment #2 – See attached drawing for revision.
 - iii. Attachment #3 – See attached drawing for revision.

END OF ADDENDUM



Irving Middle School – Indoor Air Quality Improvements
ETI Project No. 2014-070
Pre-Bid Conference
January 13, 2014, 2:00PM

INTRODUCTIONS

Table with 4 columns: Role, Company, Name, and Phone Number. Rows include Project Team (Engineering Technologies, Sinclair Hille Architects, R.O. Youker, Olsson Associates) and Owner (LPS Facilities & Maintenance, Irving Middle School).

AGENDA ITEMS

- 1. Sign-in Sheet
a. The sign-in sheet will become the official record of attendance of this pre-bid and will be used for verification of your attendance. Please SIGN IN.
2. Building Availability and Walk-Thru
a. Limited time available for walk-thru today at 4:00 PM.
b. Additional site visits will be by appointment only during non-school times, to be coordinated directly with Irving.
3. Bid Information
a. Bid Date: January 29, 2015, 2:00 PM at LPS Facilities & Maintenance.
b. Late bids will be returned unopened.
c. Bids will be read aloud at this time.
d. Each bid proposal must be accompanied by a Bid Bond payable to Lincoln Public Schools in the amount of 5% of the base bid proposal.
e. Do NOT include sales tax in your bid, LPS is tax exempt.
f. Include Allowances in your bid.
i. Allowance for LPS (\$100,000.00) for use according to Owners instructions.
ii. Allowance for LPR (\$20,000.00) for use according to Owners instructions.
g. Revised Bid Proposal form is forthcoming in Addendum #1 for the Specifications & Project Manual.
h. Alternates and Unit Prices.
i. Alternate #1: Recover Existing SBS Roofing with Acrylic Top Coat
ii. Alternate #2: Delete the Demand Control Ventilation System
iii. Alternate #3: Delete Work in the Auditorium and Balcony
iv. Alternate #4: Delete the Water Test Requirement for the Wood Windows
v. Alternate #5: Modify the Specification for the Heat Pumps
vi. Alternate #6: Delete Transparent Finish at the New and Existing Wood Window Trim

- i. Project will be constructed under a general construction contract.
- j. Building Permit is being obtained by the Engineer. All other permits will be the responsibility of the Contractor.
- k. Last day to submit written request for interpretation to the consultants or requests for substitutions will be January 20, 2015.
- l. Last Addendum will be issued no later than January 22, 2015.
- m. Performance Bond and Labor and Materials Payment Bond shall be provided in the total amount of the contract.
- n. Technology package installer qualifications/certifications (CommScope) will be required with the bids.

4. Addendums

- a. Addendum #1 is forthcoming and will be issued in the next couple of days.
- b. Verbal communication is not valid; written clarification is only by addendum.

5. Overview of the Project

a. Civil

- i. The Work involves infill of the existing coal storage room.
- ii. The Work involves replacement of pavement in the south parking lot and sidewalks throughout.
- iii. The Work involves a new parking lot on the North side of the building.
- iv. The Work involves a redeveloped east landscape including modifications to the drop off lane on 22nd Street.

b. Architectural

- i. The Work involves an addition of a mechanical room on the Northwest corner of the Rec Center.
- ii. The Work involves a new mechanical room in the boy's locker room and renovation of the boy's locker room.
- iii. The Work involves a new mechanical room in existing crawl space that includes dirt removal from crawl space.
- iv. The Work involves new classroom spaces on the ground floor.
- v. The Work involves new windows, exterior doors and roofing.
- vi. The Work involves a new security entrance.
- vii. The Work involves other needed changes to accommodate new systems.

c. Mechanical

- i. The Work involves removal of old HVAC systems including old boilers, chillers, AHU's and piping.
- ii. The Work involves replacement of all HVAC systems.
- iii. The Work involves a new ground source heat pump system with a new ground loop well field.

d. Electrical

- i. The Work involves a new electrical service.
- ii. The Work involves a new emergency generator.
- iii. The Work involves new light fixtures throughout the building.
- iv. The Work involves replacement and improvements for the Telecommunications systems.

e. Technology

- i. The Work involves new data cabling, telecommunications room, and other improvements throughout the building.
- ii. The Work involves cable installation for future door access control system.

6. Work Sequence

- a. This is a multi-phased project that will require coordination with LPS throughout.
- b. Phase Schedule
- c. Building Access

7. Site Use

- a. Work hours
- b. Staging, Temporary Utilities and Facilities
- c. Storage and Equipment
- d. Protection of existing property to remain

8. Work Under Other Contracts

- a. LES removing and resetting power pole on East side of building at the end of the project (currently supplying power to portables).

9. Submittals

- a. Submittal Exchange (Paid for by Owner)

10. Schedule

- a. Contractors may access site once all appropriate contract paperwork is complete and Engineer has issued a Notice to Proceed.
- b. Anticipated start date is March 2015.
- c. Substantial Completion is September, 2016.

11. Owner / Design Team Concerns

- a. Electrical conduit color coding.
- b. Cost breakout for Lincoln Public Schools – Lincoln Parks & Recreation will be required within 7 days of bid.
- c. Fire egress and Contractor separation.
- d. HVAC Transfer Grilles in Classrooms Changing.
- e. Construction Waste and Recycling.

12. Contractor Questions

- a. If questions follow this conference, please contact Bryan Rahn with ETI at (402) 476-1273.



Irving Middle School – Indoor Air Quality Improvements
 Pre-Bid Conference Sign-In Sheet
 ETI Project No. 2014-070
 January 29, 2014, 2:00PM

NAME	Company	Phone	Email
Steve Beau	Central Contracting	308-234-2421	sbeal@centralcontracting.net
Craig Beebe	Sampson	402-484-5403	craig.beebe@sampson-construction.com
STEVE LANK	PELLA	402-672-5700	stevelank@pellaomaha.com
Jerry Murley	Pella	402-505-1221	Jerry.murley@pellaomaha.com
Myron Jurgens	Jcc Jurgens	402-480-0115	jurgensconstruction@live.com
CHRIS HAENCY	Lund-Ross	402-342-2810	Chris@lundross.com
JOHN FEIRICH	KIDWELL	402-473-7798	jeirich@kidwell-us.com
DWANE MUNDT	HAMPTON	402-489-8858	Dmundt@hamptonh.com
John Hyland	Hampton	402-489-8858	jhyland@hamptonh.com
Brad Hershiser	Sprague Rating Co	402-467-1449	bhershiser@spraguerating.com
Andy Manson	HEP	402-423-4800	am@hepencb.com
CHRIS FOGEL	HCCI	402-489-8858	cfogel@hamptonh.com
TYLER BROWN	WES	402-464-1877	tbrown@willmar-electric.com
Scott Osterhaus	OLSON	458-5630	soosterhaus@olsonassociates.com



Irving Middle School – Indoor Air Quality Improvements
Pre-Bid Site Walk-Thru
ETI Project No. 2014-070
January 29, 2014, 4:00PM

NAME	Company	Phone	Email
Jerry Murley	Pella		
Myron Jurgens	JCC Jurgens		
Duane Mundt	HAMPTON		
Steve Lanik	Pella		
Dave Hazell	Covered Sources		
Gary Burruss	Hampton		
Jason Knapp	JK Electric		
Craig Beebe	Sampson		
Chris Fugod	HCC		
Jason Hultquist	HCC		
Dan Wilson	HCC		
Dave McNeal	Sampson		
TREVOR ROBERTS	SAMPSON		
TYLER BROWN	WES		
Carrie Hakenkamp	Wastecap		
NICK PAGE	CECM		
Brad Herkiser	Sprague Roofing		
GREEN STEINERT	HAMPTON		



Irving Middle School – Indoor Air Quality Improvements
Pre-Bid Site Walk-Thru
ETI Project No. 2014-070
January 29, 2014, 4:00PM

NAME	Company	Phone	Email
STEVE BEALL	CENTRAL CONTRACTING		
JOHN ERICHT	KIDWELL		
Arc Gyhra	Falcon		
Gene Benes	BHA		
CHRIS HARVEY	LUND-ROSS		
Andy Monson	HSP		
Trey Foster	CHA		
Phil Frenck	Midland 2 Mech		

**Lincoln Public Schools
10 Year Facilities/Infrastructure Plan
Irving IAQ Pre-Bid Meeting Sign-in**

1/13/2015

Name	Firm	Firm Contact Person (✓)	E-Mail	Phone
Nick McSHANNON	AHERN	✓	NMCSHANN@AHERNFIRE.COM	402-657-3099
TYLER BROWN	WES	✓	tbrown@willmarelectric.com	402-464-1877
Jason Knapp	JK Electric	✓	jknapp@jkelectne.com	402-327-8436
JUSTIN KURTZER	CREEVER CONST	✓	jkurtzer@chaeerconstruction.com	402-477-6745
Gil Balboa	Midlands Mech	✓	gbalboa@midlandmech.com	402-571-4258
Jon Dybelat	Erich Broer Const	✓	eb90138@windstream.net	402-438-2165
Carrie Hakenkamp	WasteCap NE	✓	chakenkamp@wastecapne.org	402-436-2384
Gene Benes	Benes Heating & AC	✓	marybenes@beneshvac.com	402-783-2086
Justin Jayson	Irving			
Matt Miller	Hausmann Const	✓	mattm@hausmannconstruction.com	402-438-3230
Bill Weddle	Parks & REC	✓	tweddlee@lincoln.ne.gov	402-441-8251
DAN GRAGHO	SHA		DAN@DOPSHUILDINGHILE.COM	476-7373
MARK OTTE	R.O. YOUKER	✓	mark@royouker.com	402-477-7640

**Lincoln Public Schools
10 Year Facilities/Infrastructure Plan
Irving IAQ Pre-Bid Meeting Sign-in**

1/13/2015

Name	Firm	Firm Contact Person (✓)	E-Mail	Phone
STEVE BEAU	CENTRA CONTRACTING	✓	sbeau@centracontracting.net	308 234-2421
Craig Beebe	Sampson	✓	craig.beebe@sampson-construction.com	402-434-5463
STEVE LANIK	Pella	✓	stevelanik@pellaonline.com	672-5700
Jerry Murley	Pella		JerryMurley@pellaonline.com	402-505-1221
Meron Jurgens	Joe Jurgens	✓	jurgensconstruction@live.com	402-480-0115
Chris Haency	Lund-Ross	✓	Christe@lundross.com	402-342-2810
JOHN ERICH	KIDWELL	✓	jeiriche@kidwell.us.com	402-473-7798
DAVE MUNDT	HAMPTON	✓	DMUNDT@HAMPTON2.COM	489-8858
John A. Gail	Hampton	✓	shylam@hampton1.com	489-8858
Brad Herskizer	Springue Roofing Co	✓	bhershkizer@springueroofing.com	402-467-1949
Bob Phillips	CECM	✓		402-473-2239
NICK PAGE	CECM	✓	npage@commonwealthelectric.com	402-473-2285
Brett Kelly	Wastelap Ne	✓	bkelly@wastelapne.org	436-2384
Dan Payzant	Parkst Rec		dpayzant@liberty-nc.gov	441-7951

PROPOSAL FORM

The following proposal shall be filled out by each bidder:

Date: _____

Proposal of:

Name: _____

(a Corporation organized and existing under the laws of the State of _____)

or

(an Individual trading as: _____)

TO: LINCOLN PUBLIC SCHOOLS

PROJECT: IRVING MIDDLE SCHOOL INDOOR AIR QUALITY IMPROVEMENTS

LPS BID NO. 7922

The undersigned in compliance with your Invitation for Bids for the construction of :

Irving Middle School Indoor Air Quality Improvements

having examined the plans and specifications with related documents and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies and to construct the project in accordance with the Contract Documents, at the prices stated below. The prices are to cover all expenses incurred in performing the work required under the contract documents of which this proposal is a part.

I (or We) acknowledge receipt of the following addendum or addenda:

The Contractor shall indicate herein the number of consecutive calendar days anticipated to complete the project after commencing work.

_____ calendar days

BASE BID PROPOSAL

For all work described in the specifications and shown on the plans for the project, I (or we) agree to perform all work for the sum of

_____ Dollars

(\$ _____)

(Amount shall be shown in both written form and figures. In case of discrepancy between the written amount and the figures, the written amount will govern.)

ALTERNATES

Alternate No. One: Recover Existing SBS Roofing with Acrylic Top Coat

DEDUCT _____ Dollars

Alternate No. Two: Delete the Demand Control Ventilation System

DEDUCT _____ Dollars

Alternate No. Three: Delete Work in the Auditorium and Balcony

DEDUCT _____ Dollars

Alternate No. Four: Delete the Water Test Requirement for the Wood Windows

DEDUCT _____ Dollars

Alternate No. Five: Modify the Specification for the Heat Pumps

DEDUCT _____ Dollars

Alternate No. Six: Delete the Transparent Finish at the New and Existing Wood Window Trim

DEDUCT _____ Dollars

UNIT PRICES

Unit Price No. One: Excavation for New Mechanical Room 084M and 085M

1. _____ Dollars (\$ _____) per unit.

Unit Price No. Two: Brick Repointing

2. _____ Dollars (\$ _____) per unit.

Unit Price No. Three: Brick Repair and Replacement

3. _____ Dollars (\$ _____) per unit.

Unit Price No. Four: Sidewalk Replacement

4. _____ Dollars (\$ _____) per unit.

Unit Price No. Five: Pavement Replacement

5. _____ Dollars (\$ _____) per unit.

Unit Prices No. Six a. and b.: Repair and Sealing Concrete Pavement Joints and Cracks

6a. Joint Repair _____ Dollars (\$ _____) per unit.

6b. Crack Repair _____ Dollars (\$ _____) per unit.

Unit Price No. Seven: Fixed Auditorium Seating

7. _____ Dollars (\$ _____) per unit.

Unit Prices No. Eight a. thru h.: Valve Replacement

8a. 1/2" Valve _____ Dollars (\$ _____) per unit.

8b. 3/4" Valve _____ Dollars (\$ _____) per unit.

8c. 1" Valve _____ Dollars (\$ _____) per unit.

8d. 1-1/4" Valve _____ Dollars (\$ _____) per unit.

8e. 1-1/2" Valve _____ Dollars (\$ _____) per unit.

8f. 2" Valve _____ Dollars (\$ _____) per unit.

8g. 2-1/2" Valve _____ Dollars (\$ _____) per unit.

8h. 3" Valve _____ Dollars (\$ _____) per unit.

8i. 4" Valve _____ Dollars (\$ _____) per unit.

Unit Price No. Nine: Electrical Conduit

9. _____ Dollars (\$ _____) per unit.

Upon receipt of notice of the acceptance of the bids, we will execute the formal contract attached within five (5) days and deliver a Surety Bond for a faithful performance of this contract.

Respectfully submitted,

By: _____

Title

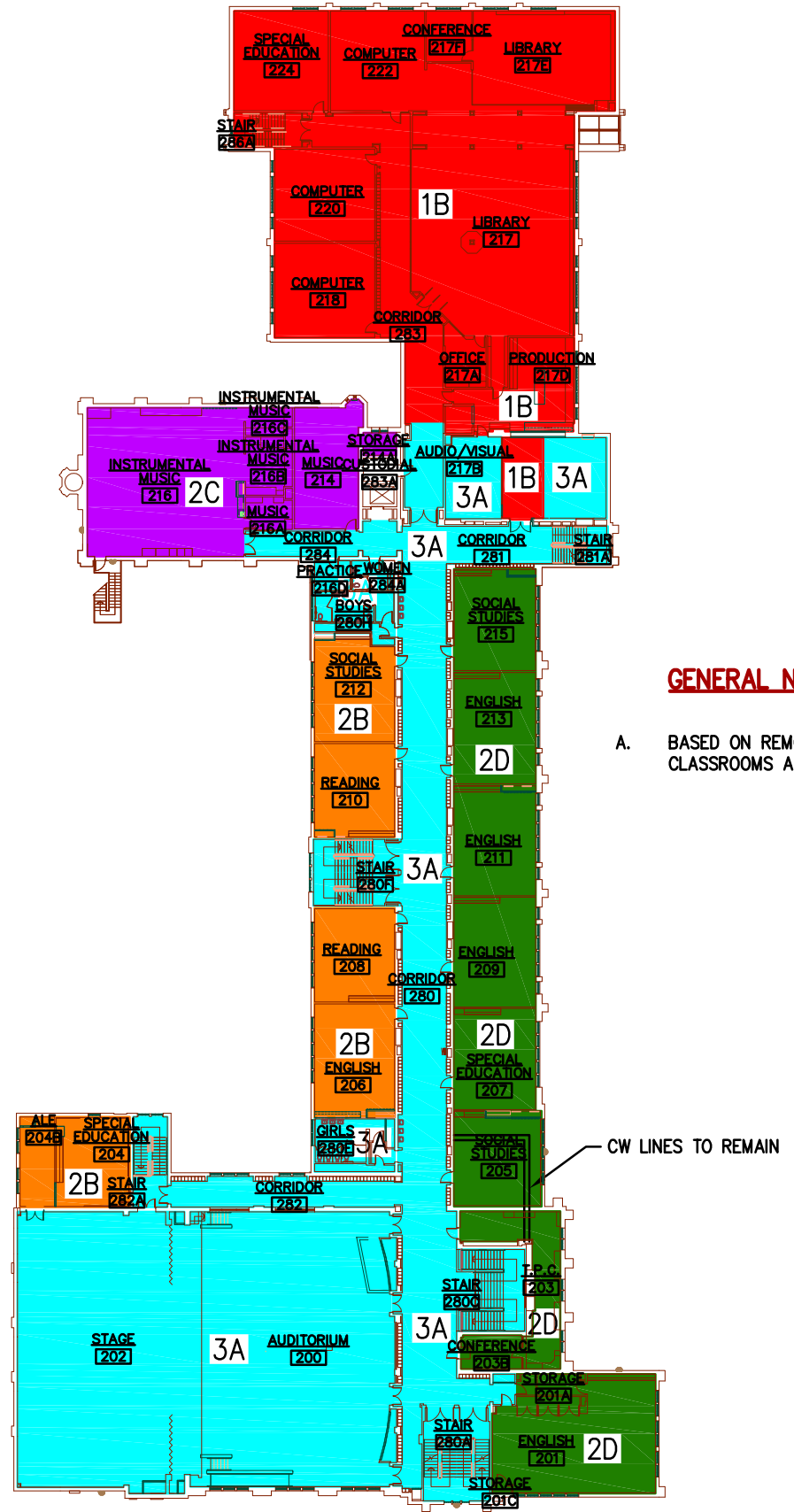
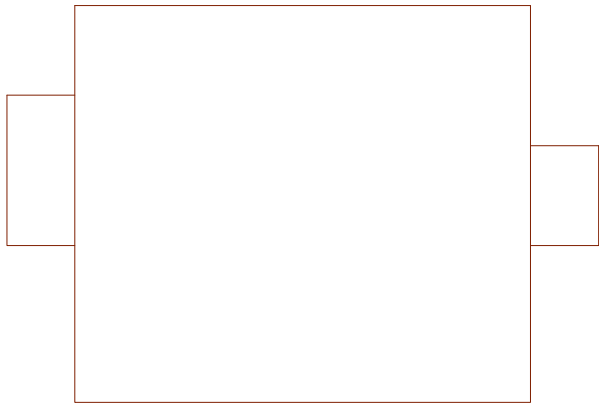
Business Address

SEAL: If bid is by Corporation

ATTACHMENTS - to be included with this Proposal Form when the bid is submitted.

1. Bid Security documents.
2. Communications Contractor Certifications (Per Section 27 0501 Common Work Result For Communications).

<u>PHASE 1</u>	
MAR. 2, 2015 → JULY 29, 2015	1A
SCHOOL ENDS THURSDAY MAY 21	
WED. MAY 27, 2015 → WED. JULY 29, 2015	1B
<u>PHASE 2</u>	
SCHOOL BEGINS WEDNESDAY AUGUST 12	
MON. AUG. 3, 2015 → WED. SEPT. 2, 2015	2A
MON. SEPT. 7, 2015 → WED. OCT. 7, 2015	2B
MON. OCT. 12, 2015 → WED. NOV. 4, 2015	2C
MON. NOV. 9, 2015 → WED. DEC. 9, 2015	2D
MON. DEC. 14, 2015 → WED. JAN, 13, 2016	2E
MON. JAN. 18, 2016 → WED. FEB. 17, 2016	2F
MON. FEB. 22, 2016 → WED. MAR. 23, 2016	2G
MON. MAR. 28, 2016 → WED. APRIL 27, 2016	2H
MON. MAY 2, 2016 → FRI. JULY 8, 2016	2J
<u>PHASE 3</u>	
SCHOOL ENDS THURSDAY MAY 19	
TUE. MAY 24, 2016 → WED. JULY 27, 2016	3A



GENERAL NOTES

- A. BASED ON REMODELING A MAXIMUM OF (8) CLASSROOMS AT A TIME DURING THE SCHOOL YEAR.

SECOND FLOOR - PHASING PLAN

SCALE: 1" = 50'-0"

<p>SHEET PT.2</p> <p>ATTACHMENT NO. -</p> <p>12/18/2014</p>	<p>eti</p>
<p>Engineering Technologies Inc. Mechanical & Electrical Building Solutions 825 M Street, Suite 200 Lincoln, NE 68508 P 402.476.1273 F 402.476.1274 1111 N. 13th Street, Suite 216 Omaha, NE 68102 P 402.330.2772 F 402.330.2630 ETI Project No.: (2014-070)</p>	
<p>IRVING MIDDLE SCHOOL - IAQ PHASING PLAN SECOND FLOOR PLAN</p>	
<p>SCALE: 1" = 50'-0"</p>	

SECTION 083313 - COILING COUNTER DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Counter door installed in existing opening (Dish Room 100B).

- B. Related Requirements:

- 1. Section 055000 "Metal Fabrications" for miscellaneous stainless steel trim at opening.
- 2. Section 062023 "Interior Finish Carpentry" for new wood trim at counter door.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type and size of coiling counter door and accessory.
- B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For coiling counter doors to include in maintenance manuals.
- B. Warranty: For coiling counter doors to include in maintenance manuals.

1.5 COORDINATION

- A. Field Verification: The coiling counter door installs in an existing opening. Field verify the size of the opening, and conditions at the opening and support wall. Contact Engineer of conditions that may affect door installation.

1.6 WARRANTY

- A. Manufacturer's Standard Warranty: Two years from date of shipment against defects in material and workmanship.

PART 2 - PRODUCTS

2.1 COUNTER DOOR ASSEMBLY

- A. Basis-of-Design Product: Provide The Cookson Company, Inc. Model CD8-4 aluminum between the jamb crank operated rolling counter door, or an equivalent product from one of the following companies, or a substitution approved during bidding:
1. Cornell Iron Works, Inc.
 2. Overhead Door Corporation
 3. Raynor
 4. Wayne-Dalton Corporation.
- B. Operation Cycles: Door components and operators capable of operating for not less than 20,000 cycles. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.
- C. Door Curtain Material: Aluminum.
- D. Door Curtain Slats: Flat profile slats of 1-1/4-inch (32-mm) center-to-center height.
- E. Bottom Bar: Manufacturer's standard continuous channel or tubular shape, fabricated aluminum extrusion and finished to match door.
- F. Curtain Jamb Guides: Aluminum with exposed finish matching curtain slats. Provide continuous integral wear strips to prevent metal-to-metal contact and to minimize operational noise.
- G. Hood: Match curtain material and finish.
1. Shape: Square.
 2. Mounting: Between jambs.
- H. Sill Configuration: No sill, to close on existing stainless steel dish counter.
- I. Locking Devices: Equip door with locking device assembly.
1. Locking Device Assembly: Cremone type, both jamb sides locking bars, operable from inside with thumb turn.
- J. Manual Door Operator: Manufacturer's standard crank operator.
- K. Door Finish:
1. Aluminum Finish: Clear anodized.
 2. Interior Curtain-Slat Facing: Match finish of exterior curtain-slat face.

2.2 MATERIALS, GENERAL

- A. Door Curtains: Fabricate coiling counter-door curtain of interlocking metal slats in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:

1. Aluminum Door Curtain Slats: ASTM B 209 (ASTM B 209M) sheet or ASTM B 221 (ASTM B 221M) extrusions, alloy and temper standard with manufacturer for type of use and finish indicated; thickness of 0.050 inch (1.27 mm); and as required.
- B. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain.

2.3 HOODS

- A. General: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods and fascia for any portion of between-jamb mounting that projects beyond wall face. Equip hood with intermediate support brackets as required to prevent sagging.

1. Aluminum: 0.040-inch- (1.02-mm-) thick aluminum sheet complying with ASTM B 209 (ASTM B 209M), of alloy and temper recommended by manufacturer and finisher for type of use and finish indicated.

2.4 LOCKING DEVICES

- A. Locking Device Assembly: Fabricate with operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.

2.5 COUNTERBALANCING MECHANISM

- A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.
- B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, seamless or welded carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in. /ft. (2.5 mm/m) of span under full load.
- C. Counterbalance Spring: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
- D. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.
- E. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

2.6 MANUAL DOOR OPERATORS

- A. General: Equip door with manual door operator by door manufacturer.

- B. Crank Operator: Consisting of crank and crank gearbox, steel crank drive shaft, and gear-reduction unit, of type indicated. Size gears to require not more than 30-lbf (133-N) force to turn crank. Fabricate gearbox to be oil tight and to completely enclose operating mechanism. Provide manufacturer's standard crank-locking device.

2.7 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM/NOMMA's "Metal Finishes Manual for Architectural and Metal Products (AMP 500-06)" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

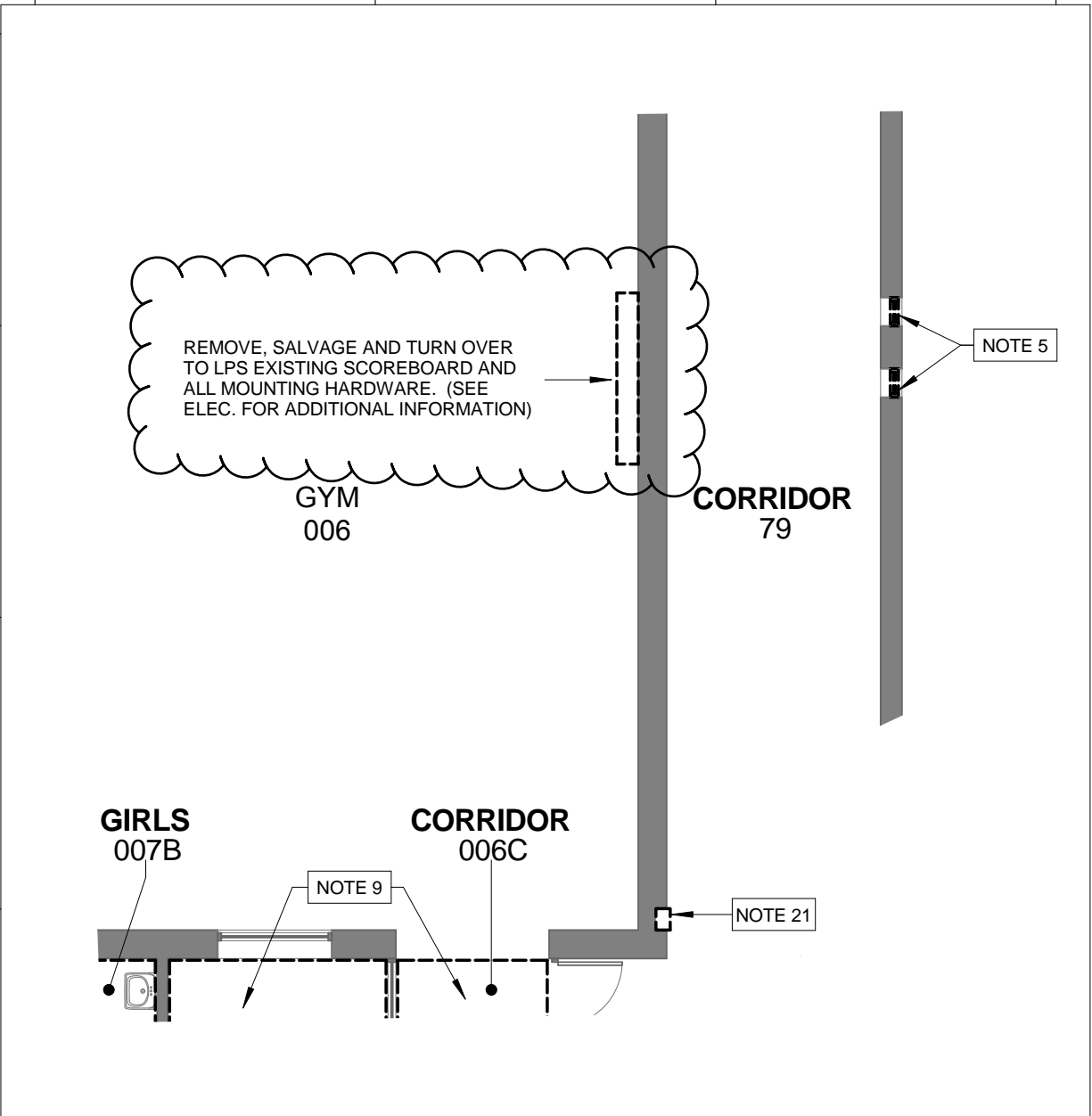
3.2 INSTALLATION

- A. Install coiling counter doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.
- B. Install coiling counter doors, hoods, controls, and operators at the mounting locations indicated for each door.

3.3 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.

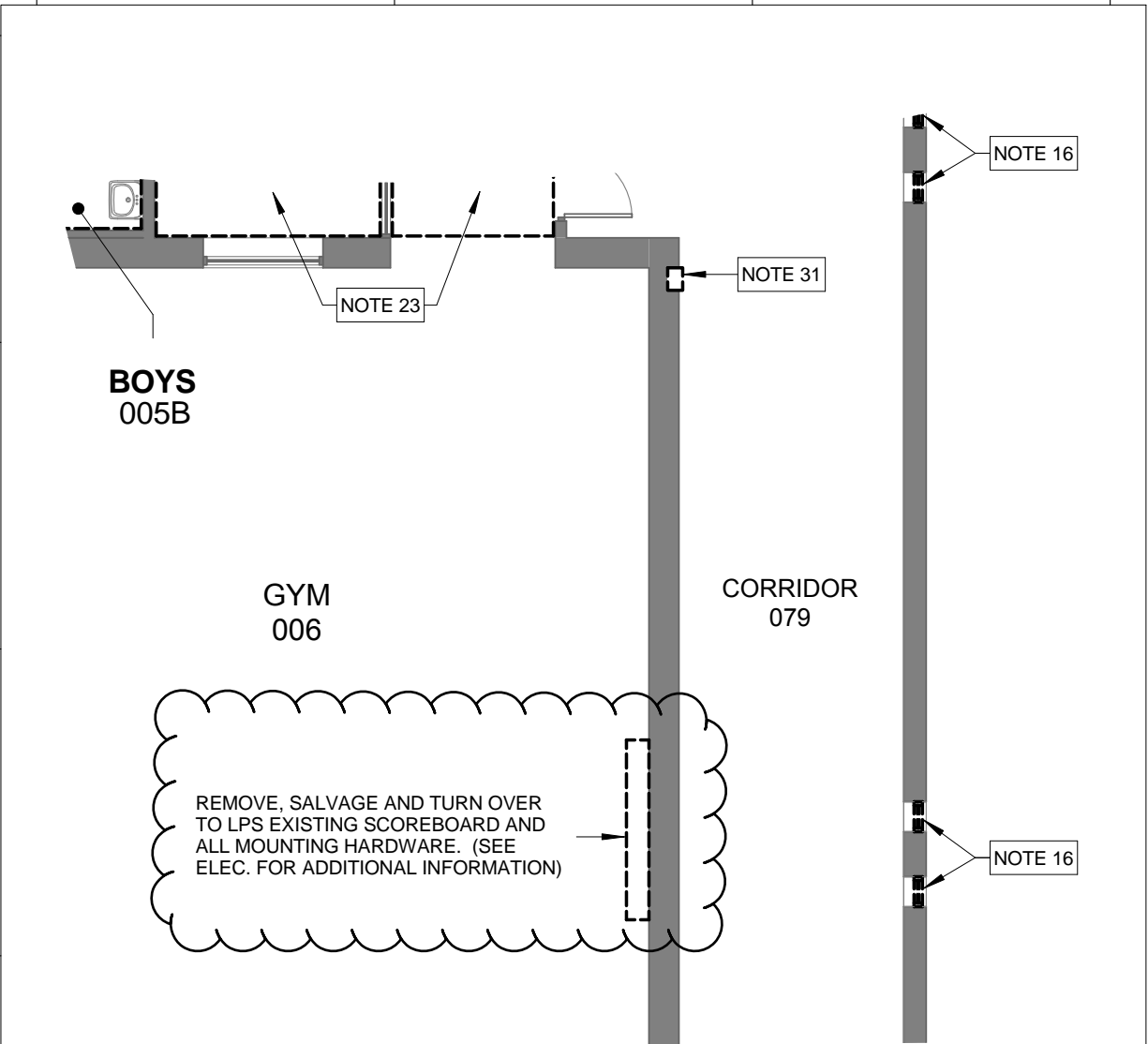
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Partial Demolition Plan - Ground Floor Area C

Sheet A1.0C

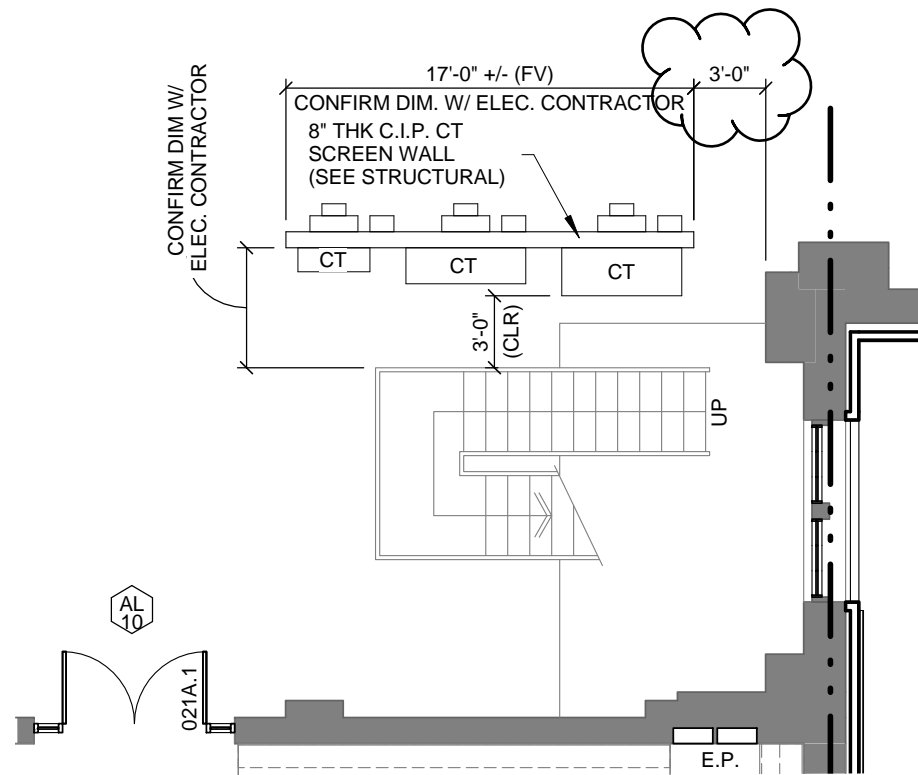
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<p>Project Name: LPS Irving Middle School IAQ Project Number: 14038</p>	<p>SINCLAIR hille architects</p>



Partial Demolition Plan - Ground Floor Area D

Sheet A1.0D

<p>Attachment to: Addendum #1 Date: Jan. 15, 2015</p>	<p>A1.0D-1</p>
<p>Project Name: LPS Irving Middle School IAQ Project Number: 14038</p>	<p>SINCLAIR hille architects</p>



Partial Floor Plan - Ground Floor Area B

Sheet A2.0B

Attachment to: Addendum #1

Date: Jan. 15, 2015

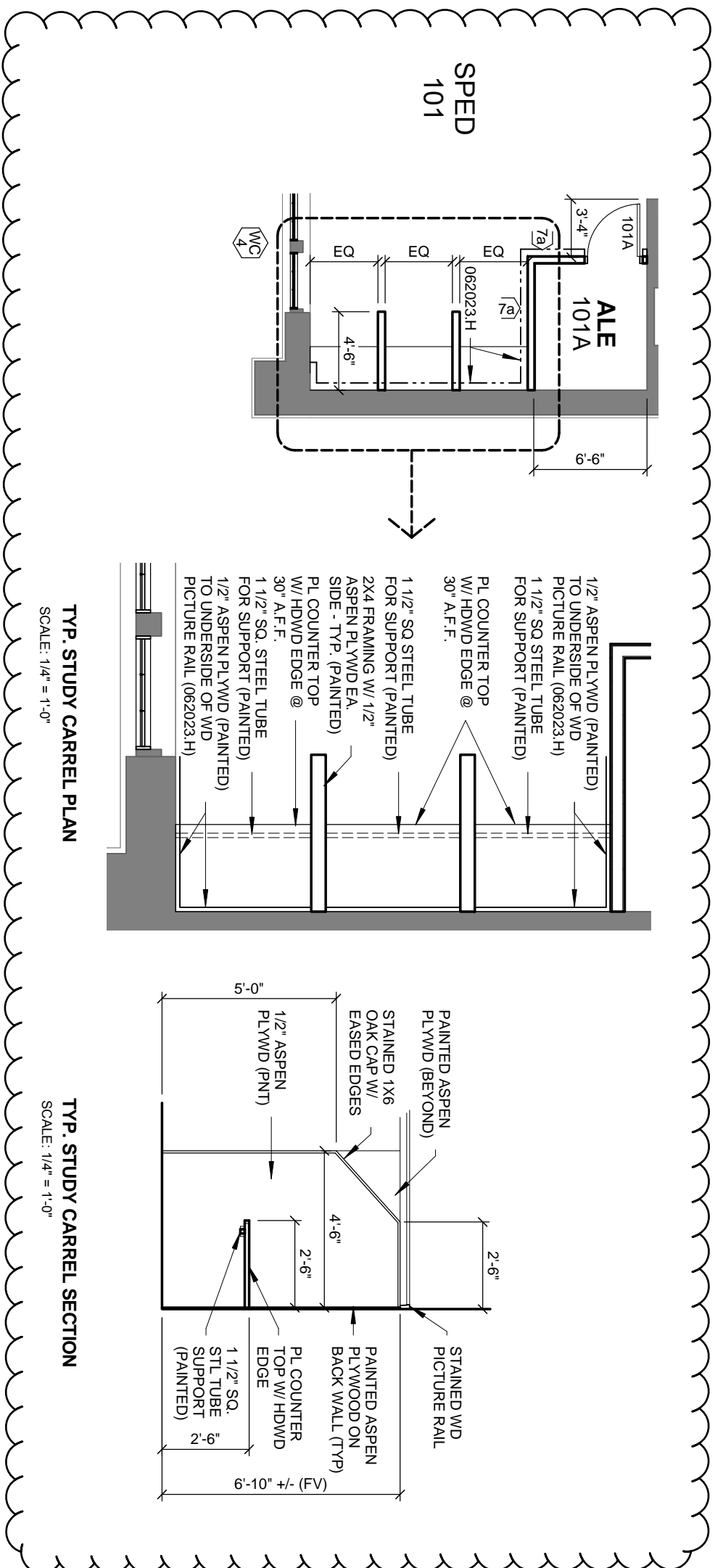
Project Name: LPS Irving Middle School IAQ

Project Number: 14038

A2.0B-1

SINCLAIR **hille**
architects

Partial Floor Plan - First Floor Area B
 Sheet A2.1B

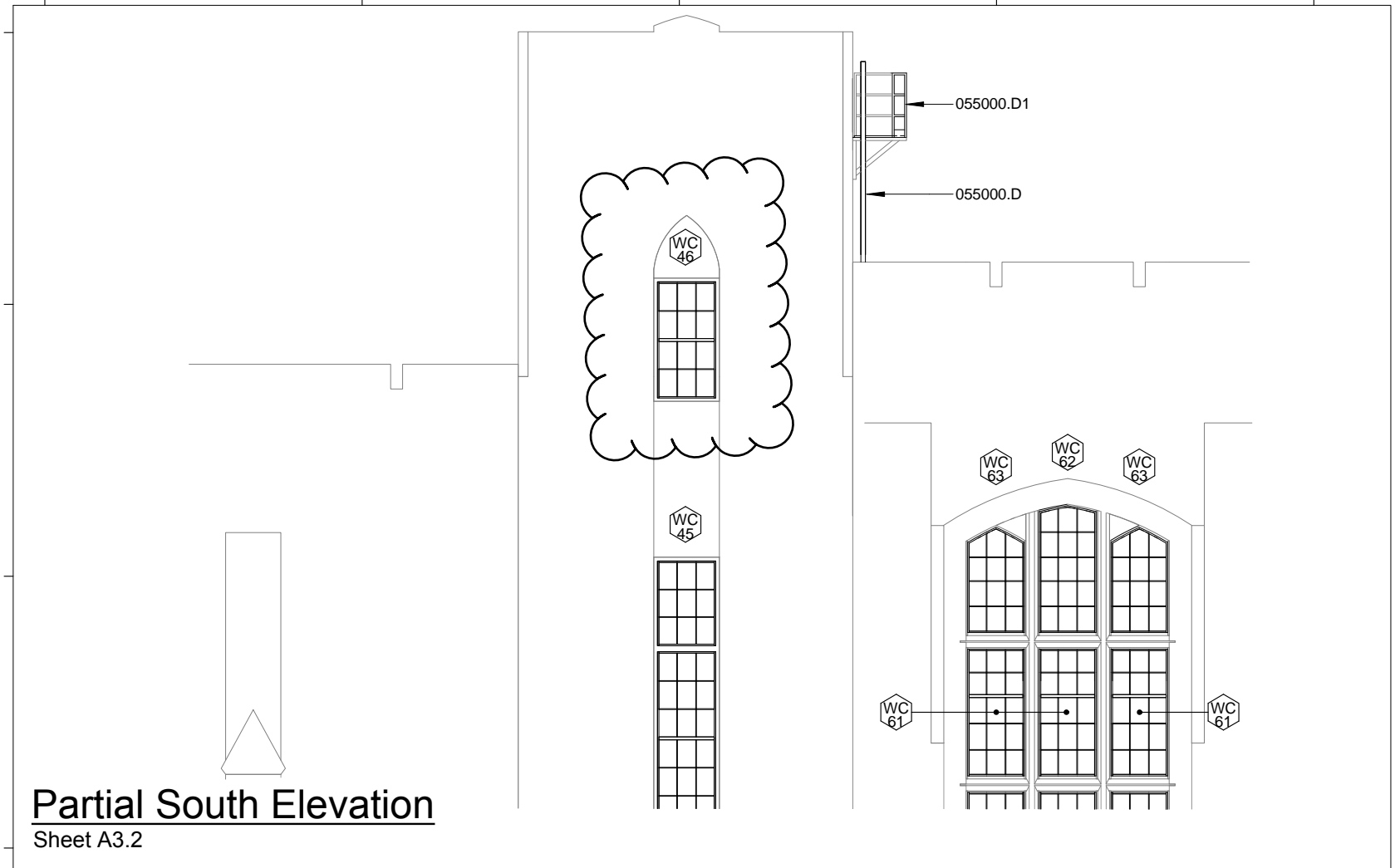


Attachment to: Addendum #1
 Date: Jan. 15, 2015

Project Name: LPS Irving Middle School IAQ
 Project Number: 14038

A2.1B - 1

SINCLAIR **hille** architects



Partial South Elevation

Sheet A3.2

Attachment to: Addendum #1

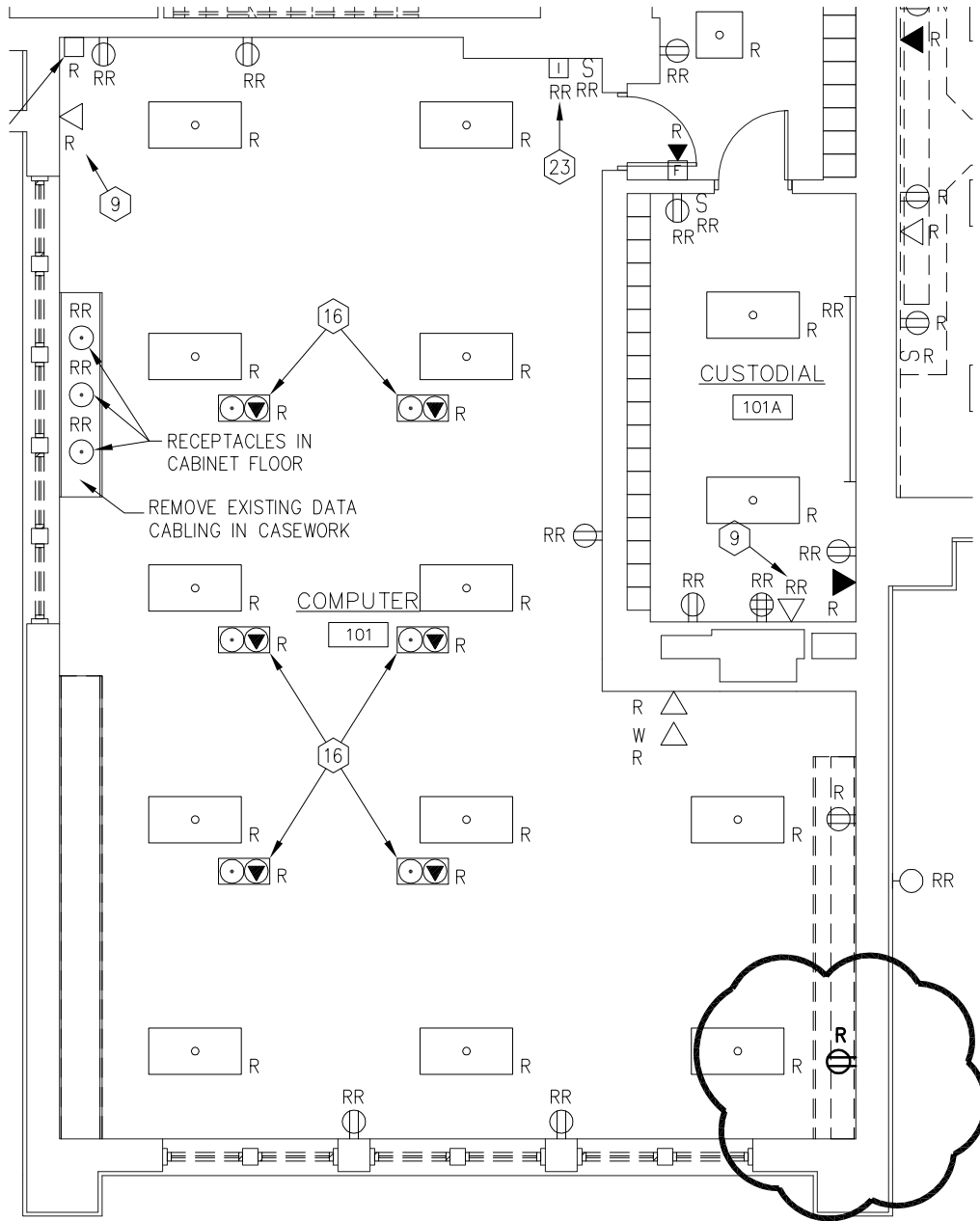
Date: Jan. 15, 2015

Project Name: LPS Irving Middle School IAQ

Project Number: 14038

A3.2-1

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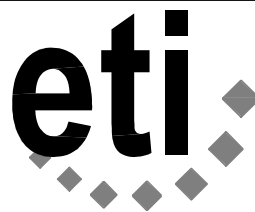


IRVING MS IAQ
FIRST FLOOR AREA B -
ELECTRICAL DEMOLITION



SCALE: 1/8" = 1'-0"

TSK



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ETI Project No: 2014-070

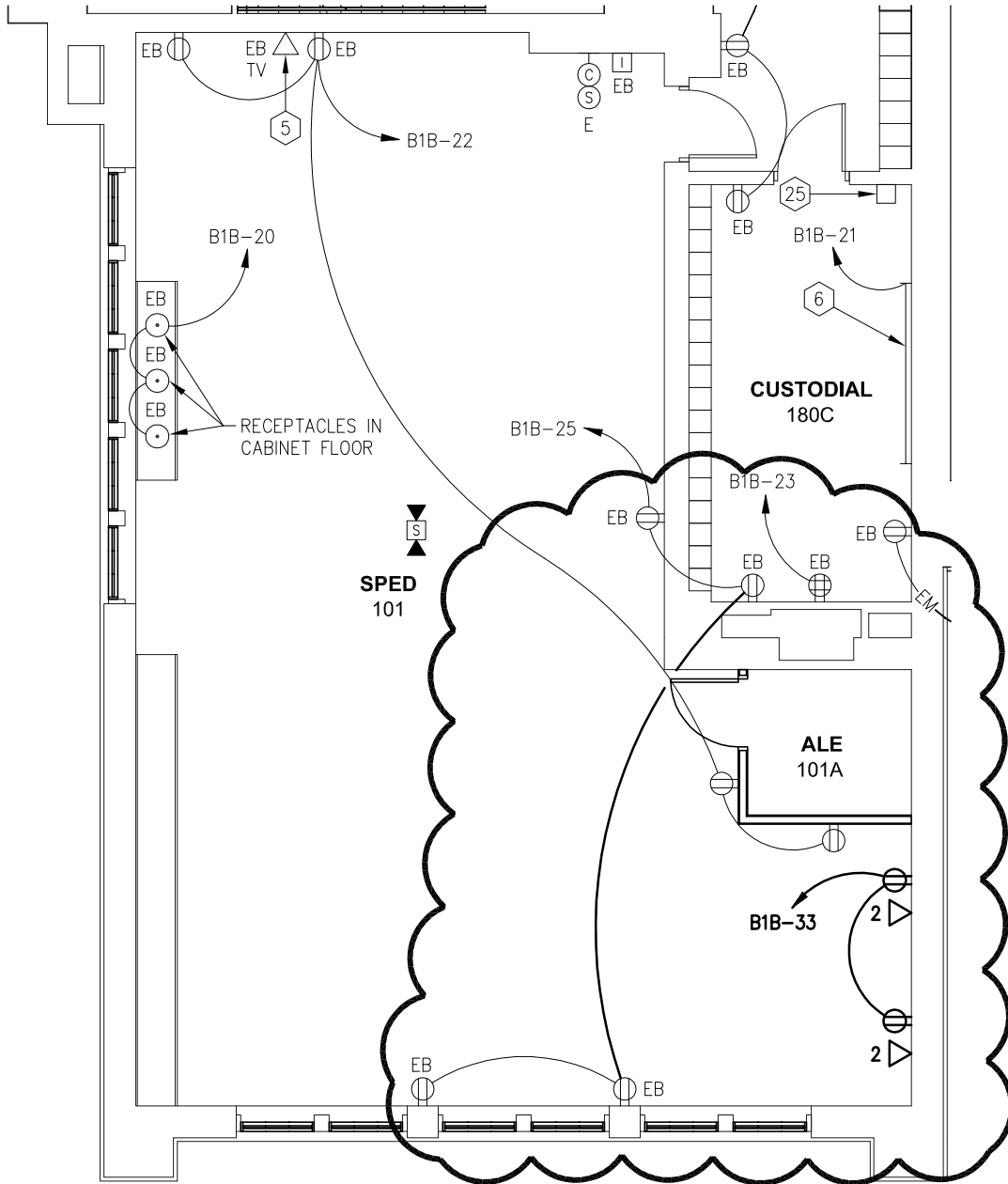
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SHEET
E1.1B

ATTACHMENT NO.

1

01/15/15

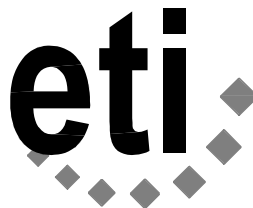


IRVING MS IAQ
 FIRST FLOOR AREA B -
 ELECTRICAL



SCALE: 1/8" = 1'-0"

TSK



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ETI Project No: 2014-070

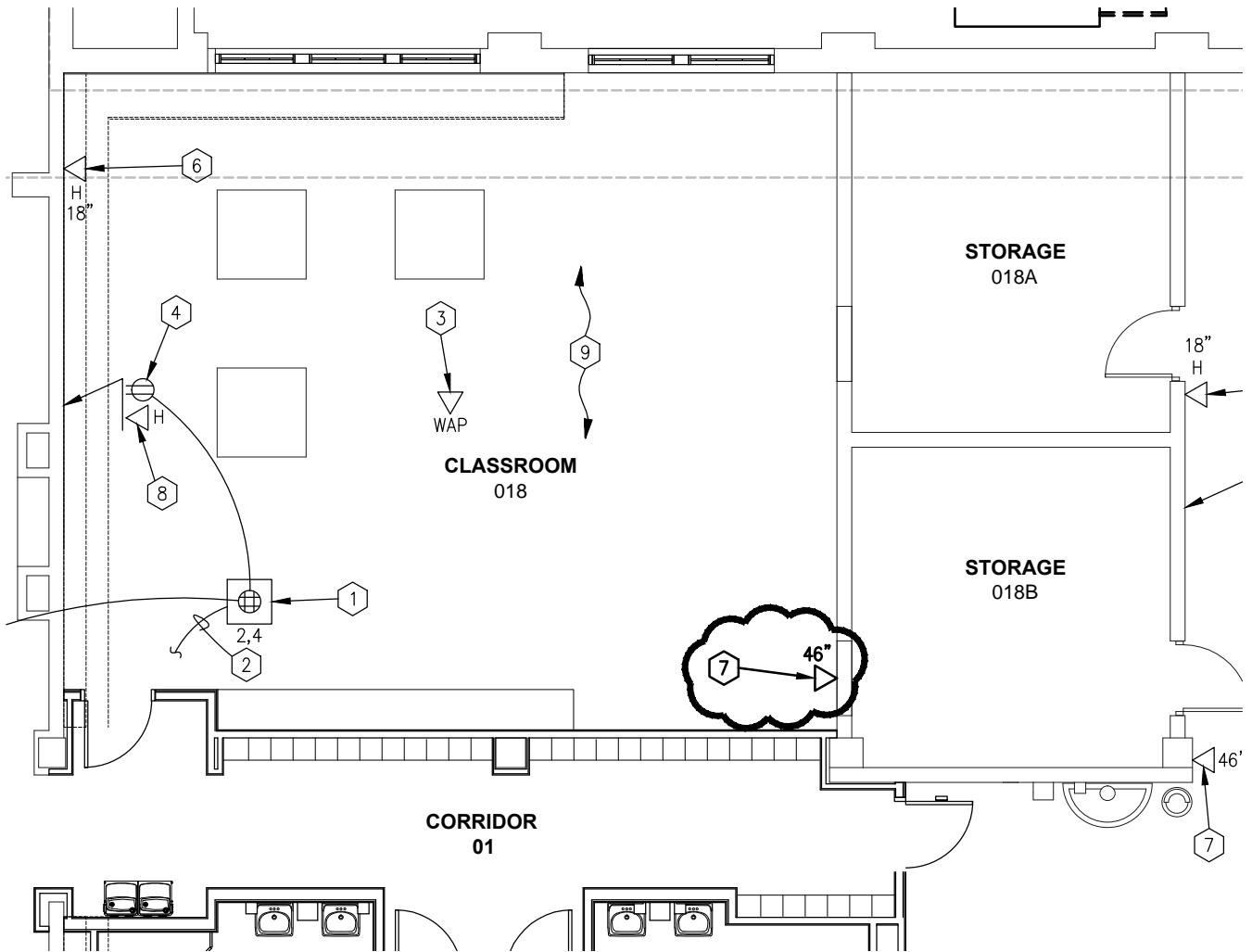
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ATTACHMENT NO.

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01/15/15



IRVING MIDDLE SCHOOL INDOOR
 AIR QUALITY IMPROVEMENT -
 GROUND FLOOR PLAN AREA "B"
 TELECOMMUNICATIONS



SCALE: 1/8" = 1'-0"

MAB



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ETI Project No: (2014-070)

ADD #1

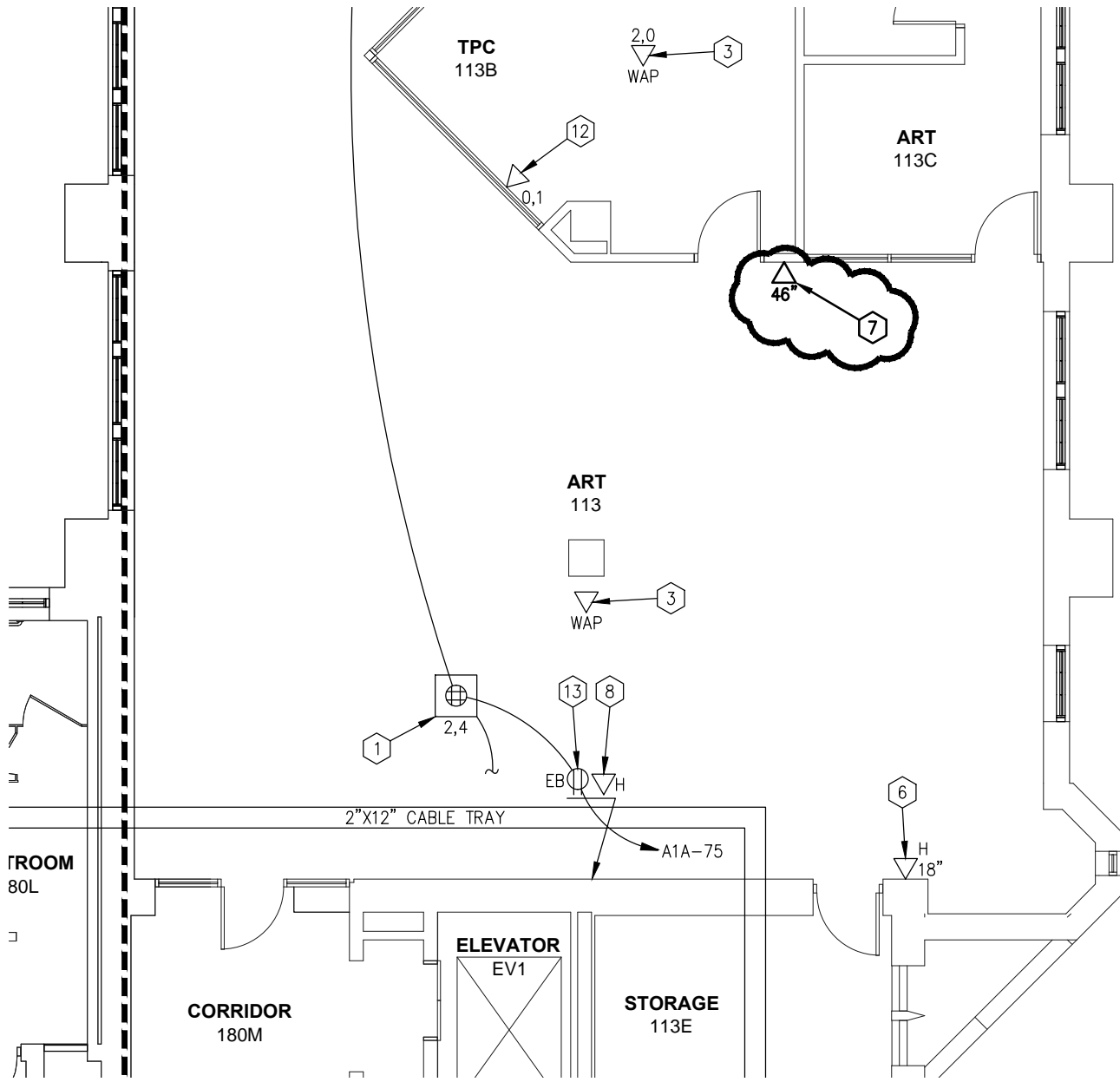
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T1.0B

ATTACHMENT NO.

1

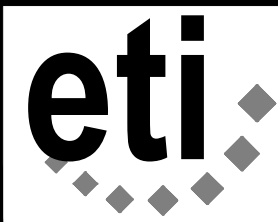
01/14/2015



IRVING MIDDLE SCHOOL INDOOR
 AIR QUALITY IMPROVEMENT - FIRST
 FLOOR PLAN AREA "A"
 TELECOMMUNICATIONS

SCALE: 1/8" = 1'-0"

MAB



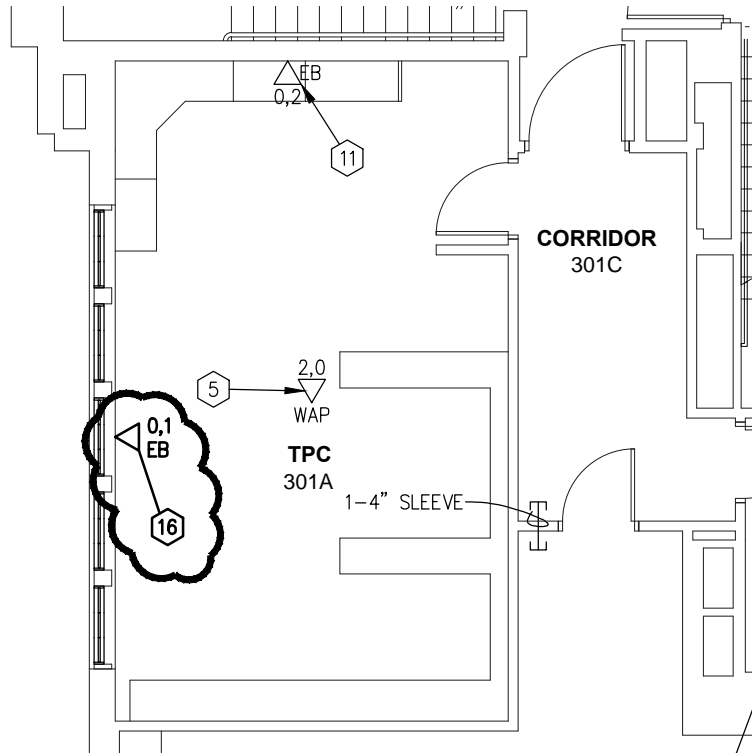
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ADD #1
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T1.1A
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 1
 01/14/2015

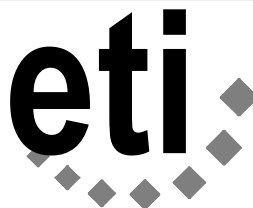


IRVING MIDDLE SCHOOL INDOOR
 AIR QUALITY IMPROVEMENT -
 THIRD FLOOR PLAN AREA "B"
 TELECOMUNICATION



SCALE: 1/8" = 1'-0"

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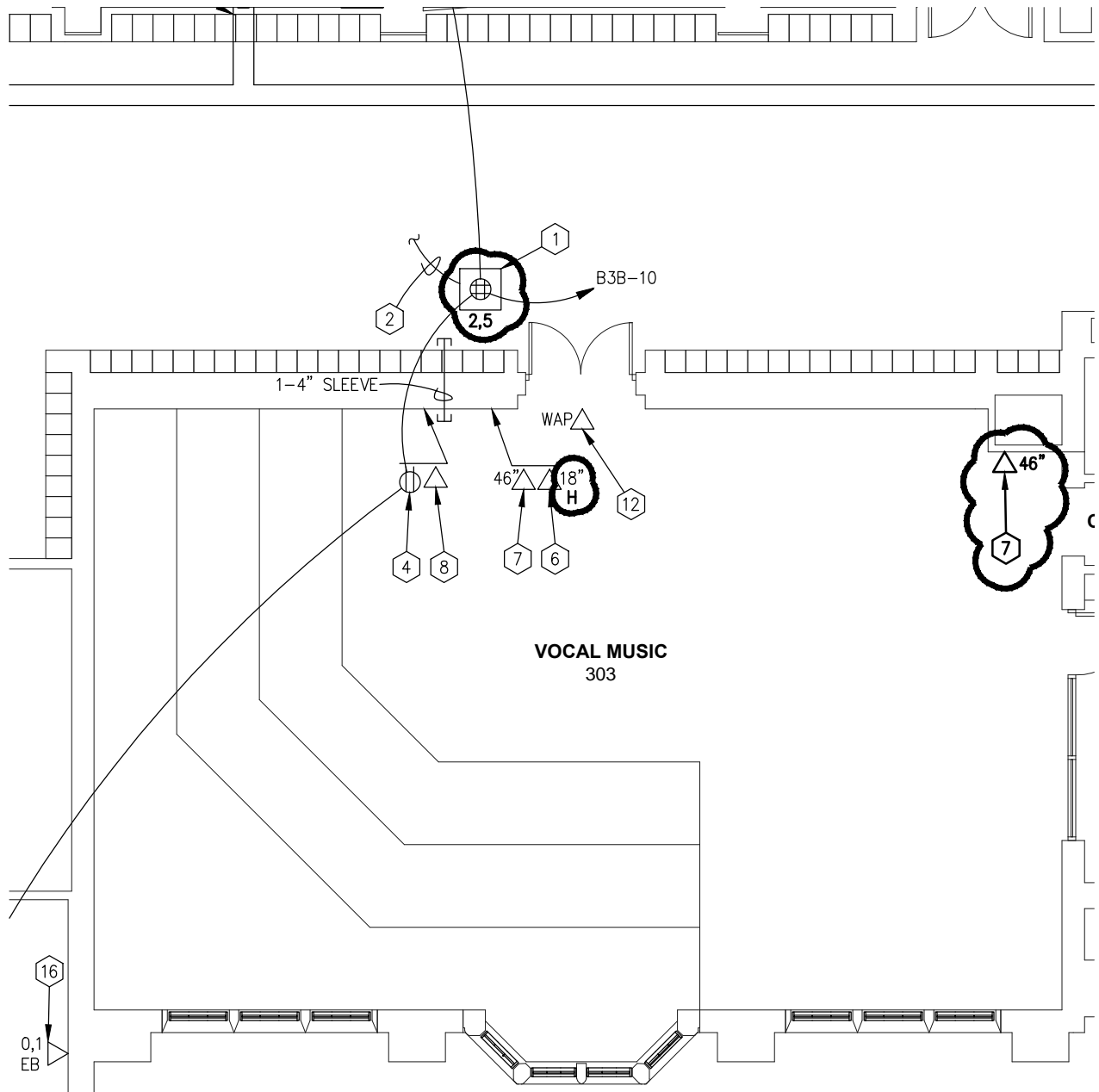
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ATTACHMENT NO.

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01/14/2015



IRVING MIDDLE SCHOOL INDOOR
 AIR QUALITY IMPROVEMENT -
 THIRD FLOOR PLAN AREA "B"
 TELECOMUNICATION



SCALE: 1/8" = 1'-0"

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SHEET

11.3B

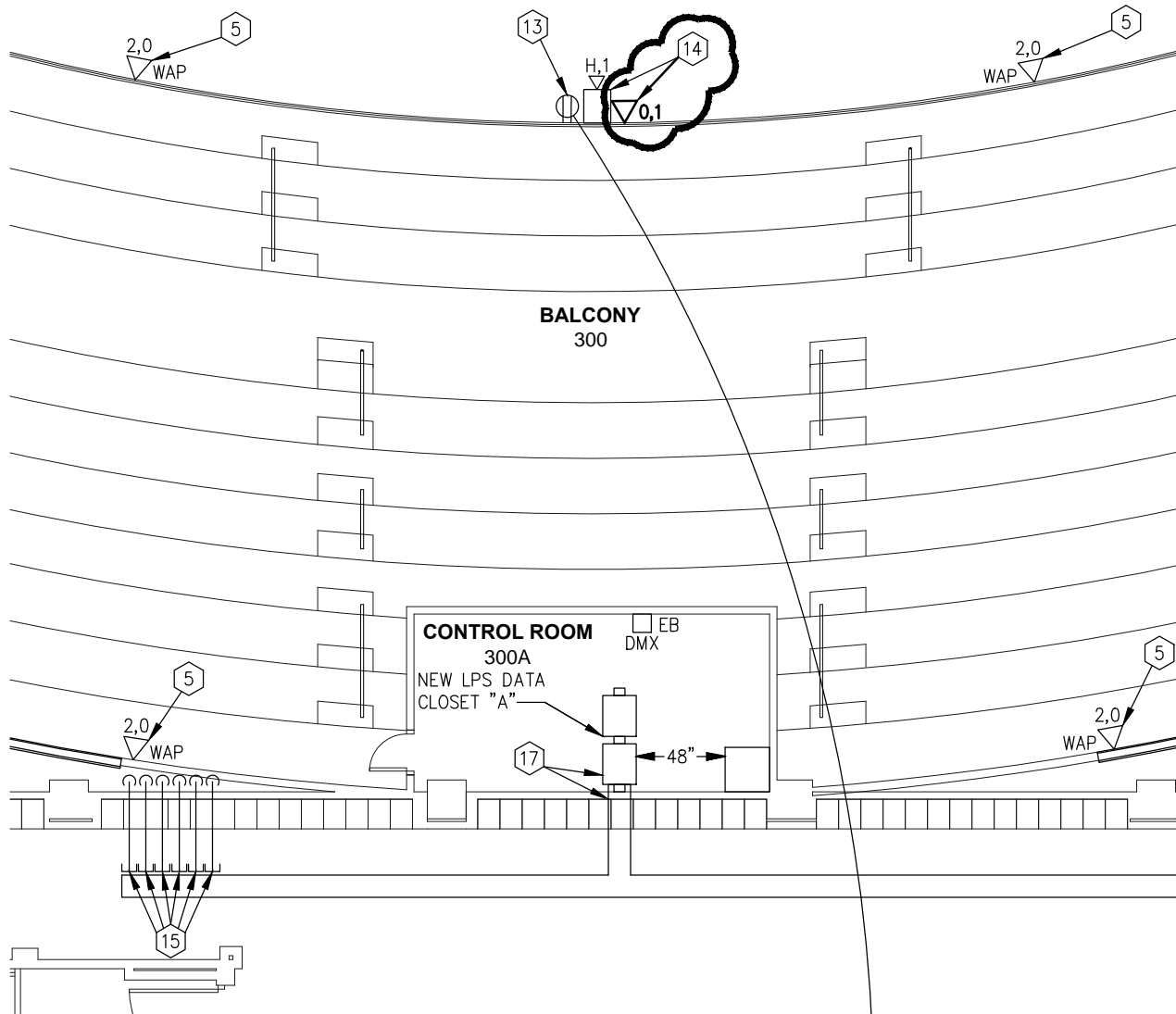
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01/14/2015

SHEET NOTES

14. PROJECTOR LOCATION. COORDINATE EXACT LOCATION IN FIELD TO ALLOW FOR CONTINUED USE OF EXISTING CLOCK. ROUTE HDMI CABLE IN 2" CONDUIT TO NEW CONTROL BOOTH. PROVIDE DATA OUTLET LOCATION FOR PROJECTOR. ROUTE ONE CAT-6 CABLE FROM DATA CLOSET TO DATA OUTLET. REFER TO SHEET T0.0 FOR DATA CLOSET LOCATION. PROVIDE WIREMOLD BOX AND WIREMOLD AS NECESSARY. REFER TO DETAIL 1 ON SHEET TC1.5 FOR AND SHEET T1.2B FOR ADDITIONAL INFORMATION.



IRVING MIDDLE SCHOOL INDOOR
AIR QUALITY IMPROVEMENT -
THIRD FLOOR PLAN AREA "B"
TELECOMUNICATION



SCALE: 1/8" = 1'-0"

MAB



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Mechanical & Electrical Building Solutions

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68102 | P 402.330.2772 | F 402.330.2630

ETI Project No: (2014-070)

ADD #1

SHEET

T1.3B

ATTACHMENT NO.

3

01/14/2015