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 23, 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 #2

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. Refer to Phasing Plans
   i. Rooms Vocal Music 303, Classroom 401 & Classroom 402 must remain operational and under owners control through the end of the 2015-2016 school year. Therefore, phase 2J shall be revised to Tuesday May 22, 2016 to Wednesday July 22, 2016.

1.2 ARCHITECTURAL

A. Room Finish Schedule
Question: *Can you provide a reduced size copy of the Room Finish Schedule for convenience in reviewing the floor plans?*

Response: A reduced size copy of the 3 Room Finish Schedules has been attached with this Addendum. These copies show the RFS as issued in the Bid Documents without any changes. If there are any changes to the RFS, these will be listed in the Modifications to the Drawings in the Addenda that are issued.

B. Construction Barriers
Question: *What will be required for the construction barriers in corridors to separate students from construction areas?*

Response: Per conversation with Building & Safety, these do not need to be fire rated construction separations. These are to be dust enclosures consisting of framing as required from floor to ceiling or structure, with sheet polyethylene cover over the entire surface. Provide plywood from floor to 8'-0" AFF.

PART 2 – PRIOR APPROVAL

2.1 ARCHITECTURAL

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

List Equipment Here	List Manufacturer Here
Spec 075552 – SBS Modified Bitumen Roofing	Firestone Acrylic Top PC-100 & Base Coat

This product has been approve as a substitution for the Acrylic topcoat material as specified in 075552 – 2.7.

Auditorium Seating	Irwin

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2.2 MECHANICAL

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

List Equipment Here	List Manufacturer Here
Vents/Curbs/Dampers	ACME
Fire Dampers, Fire/Smoke Dampers	Air Balance
Volume Control Dampers	Air Balance
Exhaust Fans	ACME
Roof Hoods	Loren Cook
Glycol Make Make-up Package	Wessels
Wastewater Pumps	Weil
VFD's	Yaskawa
Flow Control Valves	Nexus
Check Valves	Titan

2.3 ELECTRICAL

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

List Equipment Here	List Manufacturer Here
Light Fixture #13	Scott Architectural
Light Fixture #15	Scott Architectural
Light Fixture #16	Eclipse Lighting
Light Fixture #19	Peerless
Light Fixture #20	Eclipse Lighting
Light Fixture #22	Eclipse Lighting
Light Fixture #39	Beacon Products
Light Fixture #40	Beacon Products
Light Fixture #41	Lithonia
Light Fixture #43	Beacon Products
Light Fixture #45	Lithonia
Light Fixture #60	Eclipse Lighting

PART 3 – SPECIFICATIONS

3.1 GENERAL

A. Section 012300 – Alternates
   i. Refer to 3.1.C. Alternate No. 3 – Note that under this alternate with the elimination of the ramp at the south side of the Auditorium, the quantity of fixed audience seats to be provided will increase. See the note in this Addendum referenced below in Section 123623 "Fixed Audience Seating".

B. Section 017419 – Construction Waste Management
   i. The Owner has hired WasteCap Nebraska as the waste management consultant for this Project. The consultant cost will be paid by the Owner.
   ii. Delete the entire Section and replace with a revised Section attached with this Addendum. The changes from the previous Section have been printed in bold for clarity.

3.2 ARCHITECTURAL

A. Section 062023 – Interior Finish Carpentry
   i. Details J11 and N14 include a keynote 123623.C "Deal Tray" to be installed in the security counter. The deal tray is specified in Section 123623 "Laminate Countertops". This counter is to be made of solid surface material, not laminate, so the specification for the deal tray should be in Section 062023.

B. Section 075552 – SBS Modified Bituminous Membrane Roofing
   i. GENERAL CLARIFICATION: The roofing system shall be a 4-ply system that consists of 1 base sheet, 2 base-ply sheets, and the granule surfaced cap sheet.
   ii. CLARIFICATION: In addition to the new roofing system for the Area A roof as indicated, the existing metal 1-piece counter flashing in the joint between the masonry parapet and precast coping shall be replaced by new 2-piece metal counterflashing. This flashing is in addition to the new 2-piece counter flashing installed at the top of the SBS base flashing.
   iii. CLARIFICATION: At the Area A roof, the existing parapet will require installation of ½" DensDeck from the roof deck to the metal coping flashing. The DensDeck is required for the application of the TPO membrane flashing on the parapet as noted below.

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iv. CLARIFICATION: Under the Base Bid for recovering the existing roof on the original part of the school, the existing metal 1-piece counter flashing shall be replaced by new 2-piece metal counterflashing. This counter flashing installs in the joint between the masonry parapet and limestone coping. Under the Alternate for the acrylic coating, the existing 1-piece flashing can remain in place.
v. Refer to 2.3.A – The base sheet as specified is not an SBS-modified base sheet. The base sheet shall be a reinforced SBS-modified base sheet. Change the specification to read as follows:
"A. Roofing Membrane Sheet: ASTM D 6164/D 6164M, Grade S, Type I or II, SBS-modified asphalt sheet (reinforced with polyester fabric); smooth surfaced; suitable for application method specified."
vi. Refer to 2.4 – A 20 year roof warranty typically requires a 2-ply base flashing assembly consisting of a base sheet and cap sheet. The material specification only lists a single ply of SBS membrane. Provide base flashing material as required by the roofing manufacturer for the specified warranty.
vii. Add 2.6.A.1 – Add a sub-paragraph to read as follows:
"1. All counterflashings shall be 2-piece assemblies which allow the removal of the counterflashing flanges to facilitate removal and replacement of base flashings."
viii. Add 2.6.A.2 – Add a sub-paragraph to read as follows:
"2. All vertical modified bitumen base flashings greater than 12" in height shall be terminated at 12" and a 2-piece reglet flashing installed. The remainder of the vertical covering shall be TPO membrane extending over and adhered to the lower counterflashing and extending to the top of the wall beneath an upper 2-piece flashing assembly."
The TPO membrane is to be applied to the new DensDeck surface installed on the parapet wall as noted in the Clarification above.
ix. Add 3.4.C.1 – Add a sub-paragraph to read as follows:
"1. At all projections on the roof, provide tapered insulation crickets as required to direct water around the projections and down the roof slope."
x. Add 3.4.E.1 – Add a sub-paragraph to read as follows:
"1. At each roof drain or overflow drain, provide minimum 4'x4' sump formed by tapered insulation. Begin at a 1" insulation thickness at the drain and taper up to the insulation depth in 4' increments."
xi. Refer to 3.8.A.1 – This indicates the cap sheet is to be adhesively applied. At the roofing manufacturer's option, the cap sheet can be applied with hot asphalt. Both installation methods are acceptable for the project.
xii. Refer to 3.9.A – A 20 year roof warranty typically requires a 2-ply base flashing assembly consisting of a base sheet and cap sheet. The flashing installation specification does not clearly indicate this assembly. Install the base flashing as required by the roofing manufacturer for the specified warranty.
xiii. Refer to 3.11.C.1 – The wording for the installation of the venting base sheet is not correct – it is not to be adhered to the substrate in a solid mopping of asphalt or coating of adhesive. The venting sheet shall be placed on the substrate and have asphalt mopped or adhesive applied on top of the venting sheet as per the manufacturer's installation instructions.
xiv. NOTE: At all building roofing areas – the new roof at Area A, the recovered roof on the original building, and the existing roof in Areas C and D – install a sacrificial sheet of the SBS system cap sheet at all doors that open onto the roof and at the top and bottom of all ladders. The sacrificial sheet shall be a minimum of 3'x3' at all locations.

C. Section 083113 – Access Doors and Frames
i. Refer to the Modifications to Drawings above for Sheets A2.2B and A2.3B for added access doors.

D. Section 084113 – Aluminum Entrances and Storefronts
i. Refer to 2.3.A.1.b – Change the EFCO Corporation series number from 403 (T) to 433 (T). Series 403 is center glazed – and the storefront framing is specified to be front glazed. Note that some of the details in the Drawings show center glazed profiles and this is not correct.

E. Section 085200 – Wood Windows
i. Add 2.2.G – Add the following performance requirement:
"G. Safety Glazing: Where safety glazing is required by Code, provide glazing that complies with 16 CFR 1201, Category II."
ii. Refer to 2.3.B.2 – The interior finish is called out as "to match existing wood stain finish". For bidding purposes, assume this to require a custom stain finish to achieve an acceptable match. The finish can be a custom factory finish if available, or a custom finish applied by the local window supplier. During construction a standard factory finish can be proposed as a substitution if an acceptable match is available and, if so, the manufacturer shall provide a credit to the Owner for the difference in cost.
iii. Refer to 2.3.B.2 – As noted, the wood species for the window shall be the manufacturer's standard with a custom stain finish to match the wood trim. The wood trim is specified in Section 062023 and is to be Red Oak with a transparent stain to match the existing wood work.
iv. Refer to2.3.D – As noted in Addendum #1, the window manufacturer may provide obscure glass units without a film, if approved by the Owner. The design intention with the translucent glass is to provide an even, milky appearance.

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v. Refer to 2.3.E – Similar to the above note for translucent glass, the window supplier may provide obscure glass by use of a film instead of spandrel glass, if approved by the Owner. The design intention for the opaque glass is to provide a daytime appearance similar to that at the clear insulated glass.
vi. Refer to 2.3.F.1 – Impact glazing – In lieu of the 3/8" tempered glass specified, the manufacturer's standard impact resistant glass may be used. This is installed on the inner surface of the insulated glass and is to resist breakage from the throwing of athletic balls, basketballs and volleyballs, not baseballs.
vii. Add 2.5.C – Detail J1/A2.5 has a keynote 085200.H. indicating a speaker installed in the single hung security window. This product is not listed in the specification. Add paragraph 2.5.C.
"C. Window Speaker: Provide and install C.R. Laurence No. 834A Satin Anodized Aluminum No-Draft Speak-Thru, or an equivalent product. Note the window will require a stop to prevent the speaker from hitting the upper sash when the window is opened."
viii. Add 2.6.C.1 – Add the following:
"1. Mullions, frame expanders, and other exterior window trim required for a finished installation shall be extrusions of 0.060" minimum thickness aluminum with a factory finish to match the window cladding.
ix. Refer to 3.4.C.3 – The testing requirement is for 3 windows of each type. On this project, the window installation types are all fairly similar being fixed units in multiple configurations. For bidding purposes, assume the testing is a minimum of one full day on site with testing of at least 4 openings as selected.

F. Section 088000 – Glazing
i. Refer to Sheet A2.0A – At Opening 087M, the existing glass transom is to receive an opaque glazing film. The glazing film shall be as specified in the Wood Window Section 085200-2.4. This glazing film is noted in the Door Schedule.
ii. Refer to Sheet A2.1B – At Opening 180B, the existing French type door is to receive a translucent glazing film. The glazing film shall be as specified in the Wood Window Section 085200-2.4. This glazing film is noted in the Door Schedule.
iii. Add 2.2.C – Add the following performance requirement:
"C. Safety Glazing: Where safety glazing is required by Code, provide glazing that complies with 16 CFR 1201, Category II."

G. Section 095113 – Acoustic Panel Ceilings
i. Refer to 2.3.B – The Acoustic Ceiling System APC-2 to be installed in Kitchen 103 is now required to be a 1-hour fire rated assembly due to the change of kitchen hood type. Modify the system as needed to provide a 1-hour fire rated assembly. The APC-2 ceiling in Cafeteria 102 can be provided as specified – it does not require a fire rating.

H. Section 098316 – Acoustic Finish System
i. The product to be used for the acoustic finish on the side walls in Auditorium 200 and Balcony 300 has been changed. This section has been revised for the new product. This section is attached at the end of this Addendum.
ii. In Auditorium 200 and Balcony 300, the extent of the acoustic plaster system specified in Section 098316 is not clearly identified. See the attached sketch indicating the plaster extent – typically on the wall above the wainscot between the windows up to the plaster cornice trim. The north wall is similar.

I. Section 098433 – Sound Diffusing Wall Units
i. The section is added to specify the new acoustic wall panels to be installed on the rear walls of Auditorium 200 and Balcony 300. This section is attached at the end of this Addendum. The locations and quantities of the acoustic wall panels are described in the Addendum items above for Sheets A2.2B and A2.3B.

J. Section 126100 – Fixed Auditorium Seating
i. Refer to 1.4.B and 1.4.C – These paragraphs indicate the seating contractor is to provide and install 800 fixed seating units as indicated on the Drawings. The actual quantity of seats noted in the Drawings on A2.2B and A2.3B is 797. Change the wording to state that under the Base Bid the quantity seats to be provided is 797, not 800. The Unit Price is still to be provided to modify the number of seats up or down in the final seating layout.
ii. Note that under Alternate No. 3, the quantity of seating to be provided will increase by 18 units on the south (left) side of the Auditorium. With the elimination of the ramp under the Alternate, the seating configuration will be a mirror image of the north (right) side of the Auditorium with the 18 seats at the back 2 rows. These extra seats fill the equivalent space on the south used for the AV counter on the north.

K. Section 123623 – Plastic Laminate Clad Countertops
i. Refer to 2.5.B – Details J11 and N14 include a keynote 123623.C "Deal Tray" to be installed in the security counter. This counter is to be made of solid surface material not laminate so the specification for the deal tray should be in Section 062023.

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3.3 ELECTRICAL

A. Section 262701
   i. Delete paragraph 2.01(E) in its entirety. LES will provide the primary service to the transformers.

B. Section 260534
   i. Delete paragraph 2.01(C)(5) in its entirety.

3.4 MECHANICAL

A. Section 232113 and 232113.33
   i. For clarification, the well field contractor shall be responsible for flushing and purging of the complete heat pump system including the exterior well field and the interior heat pump piping. The mechanical contractor shall assist in the flushing and purging until the final approval by the engineer. The final system fill with inhibitors and water conditioners shall be done by the mechanical contractor. The mechanical contractor shall employ Fremont Industries to test the water quality at the completion of the flushing and filling. Fremont Industries shall determine if the water quality, including the pH level, iron levels, etc. are acceptable.

B. Section 232113.33 (3.04)(C)(6)
   i. Add the following paragraph: "Contractor to provide caution tape at 16" to 18" below grade above all horizontal piping."

C. Section 233813 – Commercial-Kitchen Hoods
   i. Replace in entirety section 233813 with the enclosed revised section 233813. The kitchen hood has changed from a Type II to a Type I hood. Note the additional requirements for the hood, ductwork and fire suppression system.

PART 4 – DRAWINGS

4.1 CIVIL

A. Sheet C2.01 Site Demolition Plan
   i. Revise Keynote "F" to read as follows: "Remove and Dispose Existing Light Pole, Complete. Removal shall include, but not limited to, Pole, Fixture, and Concrete Base. Coordinate removal with replacement."

4.2 ARCHITECTURAL

A. Sheet A1.0B – Floor Plan– Demolition – Ground Floor Area B
   i. The Contractor shall remove the existing folding wall between Health 011 and Health 013 in its entirety, including hardware, hangers and other associated accessories. The folding wall and all parts shall be salvaged and turned over to the Owner. This folding wall will be replaced by a permanent wall as noted in the item under Sheet A2.0B. The existing gypsum board bulkhead is to remain.

B. Sheet A1.1C – Roof Demolition Plan – Area C
   i. There are roof openings that need to be filled after removal of the equipment at those locations. This new work does not appear on the new construction roof plan A2.1C.
   ii. At the larger openings to be infilled, if the space to be spanned exceeds the span capability of the plywood, provide 2x4 framing at 24" o.c.

C. Sheet A1.1D – Roof Demolition Plan – Area D
   i. There are roof openings that need to be filled after removal of the equipment at those locations. This new work does not appear on the new construction roof plan A2.1D.
   ii. At the larger openings to be infilled, if the space to be spanned exceeds the span capability of the plywood, provide 2x4 framing at 24" o.c.

D. Sheet A2.0B – Floor Plan – Ground Floor Area B
   i. Where the existing folding wall is removed, construct a classroom partition wall from floor to underside of the existing gypsum bulkhead above. Construct the new wall as a Wall Type 3a.

E. Sheet A2.1C – Floor – Roof Plan – First Floor Area C
   i. On the Demolition Plan A1.1C, there are openings in the roof the need to be filled after demolition of the equipment at those locations. This new work does not appear on this roof plan. See the demolition plans for notes regarding infill of openings.

F. Sheet A2.1D – Floor – Roof Plan – First Floor Area D
   i. On the Demolition Plan A1.2D, there are openings in the roof the need to be filled after demolition of the equipment at those locations. This new work does not appear on this roof plan. See the demolition plans for notes regarding infill of openings.

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ii. Note on M2.0D there are 2 overflow drains indicated in the roof of the new mechanical addition. These drains are not shown on the Roof Plan.
iii. At the new mechanical addition roof, install sumps formed from tapered insulation at each drain. The sumps are not indicated on the drawing.

G. Sheet A2.2B – Floor Plan – Second Floor Area B
i. In the recess north of ST02 at the duct chase at the exterior wall – add an access door as specified in Section 083113. (See attached sketch.) The shaft wall is non-fire rated, so the access door does not require a rating.
ii. In Auditorium 200, there are to be fabric wrapped sound diffusing wall panels installed along the rear wall in a single row above the wood wainscot. The panels are specified in Section 098433 "Sound Diffusing Wall Panels", which is included with this specification. For bidding purposes, assume 13-4'x4' panels will be installed in this location.
iii. In Auditorium 200, the extent of the acoustic plaster system specified in Section 098316 is not clearly identified. See the attached sketch indicating the plaster extent – typically on the wall above the wainscot between the windows up to the plaster cornice trim. The north wall is similar.

H. Sheet A2.3A – Roof Plan – Area A
i. This area is to receive a new roofing system. The new roofing system will include the parapet flashing detail as noted in the Addendum items for Section 075552. This will include SBS modified base flashing, with a new 2-piece metal counterflashing at the top of the SBS base. A TPO membrane will be installed above the counterflashing to the existing flashing at the coping elevation. To apply the TPO membrane flashing, the existing masonry parapet wall shall receive ½" thick DensDeck board installed from the roof deck to the coping flashing elevation.
ii. In addition to the new roofing system for the Area A roof as indicated, the existing metal 1-piece counter flashing shall be replaced by new 2-piece metal counterflashing. This counter flashing installs in the joint between the masonry parapet and precast coping. This flashing is in addition to the new 2-piece counter flashing installed at the top of the SBS base flashing.

I. Sheet A2.3B – Floor Plan – Third Floor Area B
i. In the recess north of ST02 at the duct chase at the exterior wall – add an access door as specified in Section 083113. (See attached sketch for A2.2B.) The shaft wall is non-fire rated, so the access door does not require a rating.
ii. In Balcony 300, at the bottom of each of the four (4) aisle steps, add a guardrail. The rail shall be an aluminum single pipe loop, floor mounted with a base plate. The rail length shall match with aisle width and shall be 48" high.
iii. In Balcony 300, there are to be fabric wrapped sound diffusing wall panels installed along the rear wall behind the seating areas. The panels are specified in Section 098433 "Sound Diffusing Wall Panels", which is included with this specification. For bidding purposes, assume 13-4'x4' panels will be installed at this location.
iv. In Balcony 300, the extent of the acoustic plaster system specified in Section 098316 is not clearly identified. See the attached sketch indicating the plaster extent – typically on the wall above the wainscot between the windows up to the plaster cornice trim. The north wall is similar.
v. At the north end of Area B, install a new ladder as specified in Section 055100 on the north exterior wall of Mechanical 380N. (See an elevation of this location in Elevation A1/A3.2.)

J. Sheets A2.4A and A2,4B – Roof Plans
i. Under the Base Bid for recovering the existing roof on the original part of the school the existing metal 1-piece counter flashing shall be replaced by new 2-piece metal counterflashing. This counter flashing installs in the joint between the masonry parapet and limestone coping. Under the Alternate for the acrylic coating, the existing 1-piece flashing can remain in place.

K. Sheet A3.2 – Elevations
i. On A1, the north elevation there is a note 074213.A2 calling out metal panels in the areas between the tops of the windows Type 62/63 and the existing masonry opening. The intention is that this infill is constructed with as an exterior wall with metal stud framing, sheathing and weather barrier – and the metal panel is installed over this wall. This same condition is on the south elevation at the 3 arch top openings.

L. Sheet A8.1B – Reflected Ceiling Plan – First Floor Area B
i. In Kitchen 103, the kitchen hood type and size has been changed. The reflected ceiling plan will change accordingly. Note that this ceiling is now to be 1-hour fire rated and shall extend over the top of the hood. The only penetration of the ceiling is for the hood duct. At the perimeter of the hood, provide an L-shaped stainless steel flashing to close off the gap between ceiling and hood.

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4.3 MECHANICAL

A. Sheet M3.2B – Second Floor Plan – Area B – HVAC
   i. See enclosed drawing M3.2B attachment M1 for revised kitchen hood ductwork.

B. Sheet M3.3B – Third Floor Plan – Area B – HVAC
   i. See enclosed drawing M3.3B attachment M1 for revised kitchen hood ductwork.

C. Sheet M4.6 – Ground Floor Plan – Area B – Enlarged Mechanical Plan
   i. See enclosed drawing M4.6 attachment M1 for new solenoid valve in gas piping to kitchen cooking equipment.

D. Sheet M4.9 – Enlarged Kitchen Plan - Mechanical
   i. See enclosed drawing M4.9 attachment M1 for revised kitchen hood, fire suppression system and ductwork.

E. Sheet M5.0 – Mechanical Schedules
   i. See enclosed drawing M5.0 attachment M1 for revised kitchen hood (KH-1) and associated exhaust fan (EF-1).

F. Sheet M5.2 – Mechanical Details
   i. In the heat pump piping schematic change the model number for the air/dirt separator to Spirotherm VHN-800-FLA.

4.4 ELECTRICAL

A. Sheet E2.1B First Floor Plan – Area B – Lighting
   i. See attached drawing for new lighting layout in Kitchen 103.

B. Sheet E2.2B Second Floor Plan – Area B – Lighting
   i. In Auditorium 200, the lighting circuit labeled ADP-4 shall be changed to ADP-41. This circuit is for the recessed can lights under the balcony.

C. Sheet E2.3B Third Floor Plan – Area B – Lighting
   i. In Balcony 300, the lighting circuit labeled ADP-4 shall be changed to ADP-40. This circuit is for the recessed can lights east balcony.

D. Sheet E3.0TA Tunnel Floor Plan – Area A – Electrical
   i. In Electrical B002, EF-9 shall have a combination disconnect/starter size 0.

E. Sheet E3.0B Ground Floor Plan – Area B - Electrical & E7.1 Electrical Service Riser Diagram
   i. For clarification, provide a 4” primary conduit between LES transformers. Stub out a 4” conduit from the west transformer for the primary for both transformers. Obtain the stub out conduit from LES. LES will install the primary conduit and conductors to the transformers.
   ii. Provide a power relay to control HUH-1,2,3,4 through temperature controls.
   iii. See attached drawing for additional receptacles in Health 013 and Health 014.

F. Sheet E3.1B First Floor Plan – Area B – Electrical
   i. Install remote start/stop station for EF-1 adjacent to one of the Kitchen 103 doors and label “Kitchen Hood Exhaust”.

G. Sheet E3.2B Second Floor Plan – Area B – Electrical
   i. In Auditorium 200, add 10-button custom preset station and DMX console plug-in station in Control Booth. Add note #22 that shall read “Provide 10-button custom preset station and DMX console plug-in station. Coordinate exact location with sound system contractor.”

H. Sheet E3.5 Enlarged Plans – Electrical
   i. In Mechanical 083M, delete disconnect for HP-103 and provide a combination disconnect/starter.

I. Sheet E5.0 Details
   i. “Kitchen Hood Fire Suppression System One-Line Diagram”, the Make-Up Air Unit referred to is HP-103 located in Mechanical 083M (Sheet E3.5).

J. Sheet E5.1 AUDTORIUM DIMMING RISER DIAGRAM NOTES
   i. Add the following note: “Provide ETC Smart fade 12/48 control board at the booth with 25 ft. DMX cable.”

K. Sheet E6.0 Schedules
   i. Light fixtures #41 and #45 shall be bronze in color.

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L. Sheet E6.1 Schedules
   i. Provide a combination motor disconnect/starter for HP-103 (size 090) and interconnect with Kitchen Hood Fire Suppression System.

M. Sheet E7.1 Electrical Service Riser Diagram
   i. Sheet note 12 shall read: “Stub out one 4” Conduit elbow for Primary.” LES shall install primary conduit and conductors to transformers.

END OF ADDENDUM

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TUNNEL AND GROUND FLOOR ROOM FINISH SCHEDULES

No.	Name	Floor Finish	Base	North Wall		East Wall		South Wall		West Wall		Ceiling		NOTES	No.
				Material	Finish	Material	Finish	Material	Finish	Material	Finish	Material	Finish		
BOILER RM FLOOR															
B001	BOILER ROOM	SEALED CONC.	-	EXTG MASONRY/CONC. *(1)	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-	1, 31	B001
B001A		EXTG CONC	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-		B001A
B002	ELECTRICAL	EXTG CONC	-	EXTG MASONRY/CONC. *(1)	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-	1	B002
GROUND FLOOR															
001	CLASSROOM	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		001
001A	KILN	EXTG CONC	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		001A
001B	KITCHEN	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		001B
002	CLASSROOM	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		002
003	GAME ROOM	EXTG RUBBER	EXTG VINYL	EXTG CMU *(26)	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	26	003
004	OFFICE	EXTG CPT	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		004
005	OFFICE	EXTG CPT	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		005
006	STORAGE	EXTG CONC	EXTG VINYL	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	APC-1	-		006
007	BOYS LOCKER	EXTG QUARRY TILE/QT *(12)	EXTG QT/QT (COVE) *(13)	EXTG CMU/CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	EXTG CMU/CMU	EPOXY PNT	APC-1	-	12, 13	007
007A	SHOWER	EXTG M.T.	EXTG PT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		007A
007B	MEN	EXTG M.T.	EXTG PT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		007B
007C	BOYS	EXTG QUARRY TILE	EXTG QT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		007C
007D	BOYS	MOSAIC TILE *(25)	PT (COVE)	CMU/PT *(24)	PNT	EXTG CMU/CMU/PT *(24)	PNT	EXTG CMU/PT *(24)	PNT	EXTG CMU/PT *(24)	PNT	GLASS MAT GWB	DACF	24, 25	007D
007E	STORAGE	EXTG CONC	EXTG QT (COVE)	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		007E
007F	STORAGE	EXTG CONC	EXTG VINYL	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	APC-1	-		007F
007G	DRYING	EXTG M.T./M.T. *(29)	EXTG PT (COVE)	EXTG PT	-	EXTG PT	-	EXTG PT	-	EXTG PT	-	GLASS MAT GWB	DACF		007G
007H	SHOWER	EXTG M.T.	EXTG PT (COVE)	EXTG PT	-	EXTG PT	-	EXTG PT	-	EXTG PT	-	GLASS MAT GWB	DACF		007H
007Z	SHOWER	EXTG M.T.	EXTG PT (COVE)	EXTG PT	-	EXTG PT	-	EXTG PT	-	EXTG PT	-	GLASS MAT GWB	DACF		007Z
008	GYMNASIUM	EXTG WOOD	EXTG VINYL	EXTG CMU	PNT *(39, 40, 41)	EXTG CMU *(2)	PNT *(39, 40, 41)	EXTG CMU	PNT *(39, 40, 41)	EXTG CMU *(2)	PNT *(39, 40, 41)	EXPOSED STRUCTURE *(22)	PNT	2, 22, 39, 40, 41	008
008A	OFFICE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		008A
008B	WEIGHT ROOM	EXTG CPT	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXPOSED STRUCTURE	PNT		008B
008C	EQUIPMENT	EXTG CONC	EXTG VINYL	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		008C
008D	OFFICE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		008D
008Y	CORRIDOR	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		008Y
008Z	CORRIDOR	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		008Z
009	GIRLS LOCKER	EXTG QUARRY TILE	EXTG QT (COVE)	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	APC-1	-		009
009A	SHOWER	EXTG M.T.	EXTG PT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		009A
009B	WOMEN	EXTG M.T.	EXTG PT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		009B
009C	CUSTODIAL	EXTG CONC	EXTG QT (COVE)	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		009C
009D	GIRLS	MOSAIC TILE *(25)	PT (COVE)	CMU/PT *(24)	PNT	EXTG CMU/CMU/PT *(24)	PNT	EXTG CMU/PT *(24)	PNT	EXTG CMU/CMU/PT *(24)	PNT	GLASS MAT GWB	DACF	24, 25	009D
009E	CORRIDOR	EXTG QUARRY TILE	EXTG QT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		009E
009F	STORAGE	EXTG CONC	EXTG VINYL	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	APC-1	-		009F
009G	GIRLS	EXTG QUARRY TILE	EXTG QT (COVE)	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB	PNT		009G
009H	DRYING	EXTG QUARRY TILE	EXTG QT (COVE)	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	APC-1	-		009H
009J	SHOWER	EXTG M.T.	EXTG PT (COVE)	EXTG PT	-	EXTG PT	-	EXTG PT	-	EXTG PT	-	GLASS MAT GWB	DACF		009J
009Z	SHOWER	EXTG M.T.	EXTG PT (COVE)	EXTG PT	-	EXTG PT	-	EXTG PT	-	EXTG PT	-	GLASS MAT GWB	DACF		009Z
010	RECEPTION	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		010
010A	GIFTED	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		010A
010B	GIFTED	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		010B
010C	GIFTED	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		010C
010D	GIFTED	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		010D
011	HEALTH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		011
012	HEALTH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		012
013	HEALTH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB/APC-1 *(2)	PNT	2	013
013A	STORAGE	EXTG VINYL	EXTG VINYL	EXTG GWB	-	EXTG MASONRY/EXTG GWB	-	EXTG MASONRY	-	EXTG GWB	-	APC-1	-		013A
014	HEALTH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB/APC-1 *(2)	PNT	2	014
015	FCS	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		015
015A	STORAGE	EXTG CONC	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-		015A
015B	TPC	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		015B
016	SPEECH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		016
017	FCS	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2	017
018	CLASSROOM	RUBBER *(44)	VINYL	EXTG CMU/CMU	PNT	GWB	PNT	GWB	PNT	EXTG MASONRY	PNT	APC-1	-	15, 44	018
018A	STORAGE	EXTG CONC	EXTG CMU	EXTG CMU	-	EXTG CMU	-	EXTG CMU/CMU	-	EXTG CMU	-	-	-		018A
018B	STORAGE	EXTG CONC	EXTG CMU	EXTG CMU	-	EXTG CMU	-	EXTG CMU/CMU	-	EXTG CMU	-	APC-1	-		018B
019	SPED	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG GWB/EXTG CMU	PNT	EXTG GWB	PNT	EXTG CMU/EXTG GWB/GWB	PNT	APC-1	-	44	019
020	SPED CONFERENCE	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG GWB/EXTG CMU	PNT	EXTG GWB	PNT	EXTG CMU/EXTG GWB/GWB	PNT	APC-2	-		020
021	INDUSTRIAL TECHNOLOGY	EXTG RUBBER/EXTG CPT	EXTG VINYL	EXTG GWB/EXTG CMU *(36)	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB/EXTG CMU *(36)	PNT	EXTG GWB/APC-1 *(2)	PNT	2, 36	021
021A	INDUSTRIAL TECHNOLOGY	VINYL *(32)	VINYL	EXTG MASONRY	PNT	EXTG MASONRY/MASONRY	PNT	EXTG MASONRY/GWB	PNT	EXTG MASONRY	PNT	EXTG GWB/APC-1 *(2)	PNT	2, 15, 32	021A
022	SPED	EXTG RUBBER	EXTG VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	022
023	CONFERENCE	CPT	VINYL	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	APC-1	-		023
024	CONFERENCE	CPT	VINYL	GWB	-	GWB	PNT	GWB	PNT	GWB	PNT	APC-1	-		024
025	CLASSROOM	RUBBER *(44)	VINYL	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 44	025
026	CLASSROOM	RUBBER *(44)	VINYL	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 44	026
027	SPED	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG VENEER PLASTER	PNT	EXTG MASONRY	PNT	APC-1	-	3, 10	027
028	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10	028
029	TPC	CPT	VINYL	CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	VENEER PLASTER/APC-2 *(2, 8)	PNT	2, 8	029
030	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10	030
031	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10	031
032	SPED	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10	032
033	6TH GRADE	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG CMU/CMU	PNT	EXTG CMU/CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10, 44	033
034	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10	034
035	6TH GRADE	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG CMU/CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU/CMU	PNT	APC-1	-	3, 10, 44	035
036	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-	3, 10	036
080	CORRIDOR	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU/EXTG GWB	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-2 *(30)	-	30	080
080A	VESTIBULE	CPT-1	EXTG VINYL	EXTG CMU	PNT	EXTG CMU/CMU	PNT	EXTG CMU	PNT	EXTG CMU/CMU	PNT	GWB	PNT		080A
080E	ELECTRICAL	SEALED CONC.	-	CMU	-	CMU	-	EXTG MASONRY *(16)	-	CMU	-	-	-	16	080E
080M	MECHANICAL	SEALED CONC.	-	EXTG CMU/CMU	PNT	CMU	PNT	EXTG CMU/CMU	PNT	EXTG CMU/CMU	PNT	-	-		080M
080N	MECHANICAL	SEALED CONC.	-	EXTG CMU/EXTG MASONRY/CMU *(16)	EPOXY PNT	CMU	EPOXY PNT	EXTG MASONRY *(16)	-	CMU	EPOXY PNT	-	-	16	080N
081	CANTEEN	EXTG RUBBER/EXTG CPT	EXTG VINYL	EXTG CMU *(26)	PNT	-	-	EXTG CMU *(26)	PNT	EXTG CMU/EXTG ALUM TRIM *(26, 34)	PNT	APC-1	-	26, 34	081
081A	VESTIBULE	EXTG QUARRY TILE	EXTG QT (COVE)	-	-	EXTG MASONRY *(16)	-	-	-	EXTG MASONRY *(16)	-	GWB	PNT	16	081A
081B	BOYS	EXTG M.T./M.T. *(23)	EXTG PT (COVE)/PT(COVE)*(23)	EXTG PT/PT *(23)	PT	EXTG PT/PT *(23)	PT	EXTG PT/PT *(23)	PT	EXTG PT/PT *(23)	PT	GWB	PNT	23	081B
081C	CUSTODIAL	EXTG M.T.	EXTG PT (COVE)	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	GWB	PNT		081C
081D	STORAGE	EXTG CPT	EXTG VINYL	EXTG CMU	-	EXTG CMU	-	EXTG GWB	-	EXTG CMU	-	APC-1	-		081D
081E	STORAGE	EXTG CPT	EXTG VINYL	EXTG GWB	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	APC-1	-		081E
081F	STORAGE	EXTG VINYL	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		081F
081G	GIRLS	EXTG M.T./M.T. *(23)	EXTG PT (COVE)/PT(COVE)*(23)	EXTG PT/PT *(23)	PT	EXTG PT/PT *(23)	PT	EXTG PT/PT *(23)	PT	EXTG PT/PT *(23)	PT	GWB	PNT	23	081G
081H	CORRIDOR	EXTG RUBBER/RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1	-		081H
082	CORRIDOR	EXTG RUBBER	EXTG VINYL	EXTG MASONRY/EXTG GWB *(16)	PNT	EXTG MASONRY *(16)/CMU	PNT	EXTG MASONRY/EXTG GWB *(16)	PNT	EXTG CMU/EXTG GWB	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 16	082
082A	VESTIBULE	EXTG QUARRY TILE	EXTG QT (COVE)	EXTG CMU	-	-	-	EXTG CMU	PNT	-	-	GWB	PNT		082A
082B	CORRIDOR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	082B
082C	CUSTODIAL	EXTG CONC	EXTG VINYL	EXTG MASONRY	-	EXTG GWB	-	EXTG GWB	-	EXTG MASONRY	-	-	-		082C
082D	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO/GLAZED CMU	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 4	082D
082E	STORAGE	EXTG CONC	EXTG VINYL	EXTG MASONRY	-	EXTG MASONRY/EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	-	-		082E
082F	CORRIDOR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 4	082F
082G	CORRIDOR	EXTG RUBBER	EXTG VINYL	EXTG CMU/EXTG MASONRY *(16)	PNT	EXTG MASONRY *(16)	-	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG CMU	PNT	APC-1	-	16	082G
083	CORRIDOR	EXTG CONC	-	EXTG PLASTER	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-		083
083A	STORAGE	EXTG CONC	EXTG MASONRY	EXTG MASONRY	-	-	-	-	-	EXTG MASONRY	-	-	-		083A
083B	STORAGE	EXTG CONC	EXTG MASONRY	EXTG MASONRY	-	-	-	EXTG MASONRY/CMU	-	EXTG MASONRY	-	-	-		083B
083C	STORAGE	EXTG CONC	EXTG MASONRY	EXTG MASONRY	-	EXTG MASONRY	-	-	-	-	-	-	-		083C
083D	STORAGE	EXTG CONC	EXTG MASONRY	-	-	EXTG MASONRY	EPOXY PNT	EXTG MASONRY	-	EXTG MASONRY	-	-	-		083D
083M	MECHANICAL	SEALED CONC. *(20)	EXTG MASONRY	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-	20	083M
084	CORRIDOR	EXTG RUB/EXTG VINYL/EXTG QT	EXTG TERRAZZO/EXTG VINYL	EXTG BRICK/EXTG VENEER PLASTER/EXTG CMU/ EXTG MASONRY *(16)	PNT	-	-	EXTG BRICK/EXTG VENEER PLASTER/EXTG CMU/ EXTG MASONRY *(16)	PNT	EXTG CMU	PNT	EXTG GWB/VENEER PLASTER *(2)	PNT	2, 16	084
084A	STORAGE	EXTG CONC	EXTG MASONRY	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	-	-		084A
084B	BOYS	MOSAIC TILE	PT (COVE)	PT/GLASSMAT GWB *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	APC-1	-	9	084B
084C	CORRIDOR	RUBBER *(44)	GLAZED CMU	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 44	084C
084G	GIRLS	MOSAIC TILE	PT (COVE)	PT/GLASSMAT GWB *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	APC-1	-	9	084G
084M	MECHANICAL	EXTG CONC/SEALED CONC	-	EXTG MASONRY	-	EXTG MASONRY	-	CMU	-	EXTG MASONRY	-	-	-		084M
085	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	085
085E	MECHANICAL	EXTG CONC.	-	EXTG CMU	-	EXTG MASONRY	-	EXTG CMU	-	EXTG MASONRY	-	-	-		085E
085M	MECHANICAL	SEALED CONC.	CONC	EXTG MASONRY	-	EXTG MASONRY/CONC	PNT	EXTG MASONRY	-	EXTG MASONRY	-	-	-		085M
086	CORRIDOR	RUBBER *(44)	GLAZED CMU	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	VENEER PLASTER/APC-1 *(2)	PNT	2, 4, 44	086
086A	CORR.	RUBBER *(44)	GLAZED CMU	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	VENEER PLASTER/APC-1 *(2)	PNT	2, 4, 44	086A
086B	VEST.	RUBBER *(44)	GLAZED CMU	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	BRICK/VENEER PLASTER	PNT	VENEER PLASTER	PNT	4, 44	086B
086C	STORAGE	SEALED CONC.	VINYL	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	GWB/APC-1 *(2)	PNT	2	086C
087	CORRIDOR	EXTG RUBBER *(44)	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTGNEW VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG/NEW VENEER PLASTER/APC-1 *(2)	PNT	2, 4, 44	087
087A	RECEIVING	EXTG STUDED TILE	EXTG GLAZED CMU	EXTG CMU	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 4	087A
087B	BOYS	EXTG QUARRY TILE	EXTG GLAZED CMU	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	APC-1	-	4	087B
087C	CUSTODIAL	EXTG CONC	-	EXTG CMU	-	EXTG CMU	-	CMU	PNT	EXTG CMU	-	-	-		087C
087D	DATA	EXTG CONC	-	CMU	PNT	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		087D
087E	CORRIDOR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 4	087E
087F	CORRIDOR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER *(5)	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 4, 5	087F
087G	GIRLS	EXTG QUARRY TILE	EXTG GLAZED CMU	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	EXTG GLAZED CMU/EXTG VENEER PLASTER	PNT	APC-1	-	4	087G
087H	VESTIBULE	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER *(5)	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	VENEER PLASTER	PNT	4, 5	087H
087M	MECHANICAL	SEALED CONC.	-	EXTG CMU	EPOXY PNT	EXTG CMU	EPOXY PNT	CMU	EPOXY PNT	EXTG/NEW CMU	EPOXY PNT	-	-		087M
087P	CHASE	EXTG CONC	-	-	-	-	-	-	-	-	-	-	-		087P
190	STORAGE	EXTG CONC	-	CMU	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	GWB	PNT		190
CS002	-	-	-	-	-	-	-	-	-	-	-	-	-		CS002
CS004	-	-	-	CMU	-	-	-	-	-	-	-	-	-		CS004
CS005	-	-	-	-	-	-	-	-	-	-	-	-	-		CS005
CS006	-	-	-	-	-	-	-	-	-	-	-	-	-		CS006
CS007	-	-	-	-	-	-	-	-	-	-	-	-	-		CS007
CS008	-	-	-	-	-	-	-	-	-	-	-	-	-		CS008

GENERAL ROOM FINISH SCHEDULE NOTES

1 IN AREAS NOTED TO BE PAINTED, PAINT ALL EXPOSED PIPING, DUCTWORK AND/OR CONDUIT
2 PAINT FLAT BLACK THE VISIBLE INSIDE AREA OF DUCTWORK BEHIND REGISTERS, GRILLES AND DIFFUSERS

ROOM FINISH SCHEDULE NOTES

1 INFILL EXISTING OPENINGS NOTED ON SHEET A2.TA. REFER TO STRUCTURAL FOR INFILL CONSTRUCTION.
2 PAINT GWB/PLASTER BULKHEAD/SOFFIT/CEILING SURFACES (NEW AND/OR EXTG)
3 NEW METAL CLAD WINDOW(S) AND ASSOCIATED WOOD TRIM TO RECEIVE STAIN FINISH - TO MATCH LPS STANDARD STAIN COLOR
4 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE BRICK WAINSCOT OF 4'-0" +/-
5 INFILL EXISTING RECESSED FAN COIL OPENING WITH NEW CMU INFILL CONSTRUCTION WITH THIN BRICK VENEER FINISH TO MATCH EXISTING THIN BRICK WAINSCOT.
6 6" HIGH INTEGRAL EPOXY (COVE) BASE
7 EXTEND (NEW AND/OR EXTG) GWB FINISH TO UNDERSIDE OF DECK
8 INSTALL 1 1/4" CEILING INSULATION PANEL ABOVE SUSPENDED CEILING SYSTEM WHERE LIGHTS DO NOT OCCUR
9 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE TILE WAINSCOT OF 7'-0"+/-
10 PROVIDE AND INSTALL HORIZONTAL LOUVER BLIND(S) @ EXTERIOR WINDOW OPENING(S)
11 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE TILE WAINSCOT OF 42"+/-
12 WHERE EXISTING QUARRY TILE FLOORING IS REMOVED TO FACILITATE INSTALLATION OF NEW CONSTRUCTION, INFILL WITH NEW QUARRY TILE FLOORING TO MATCH EXISTING
13 INSTALL NEW QUARRY TILE (COVE) BASE AT NEW WALL CONSTRUCTION AND NEW LOCKER BASE CONSTRUCTION TO MATCH EXISTING
14 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE TILE WAINSCOT OF 5'-2" +/-
15 NEW METAL CLAD WINDOW(S) AND ASSOCIATED WOOD TRIM TO RECEIVE PAINT FINISH
16 DO NOT PAINT EXISTING MASONRY/STONE SURFACES
17 PAINT GWB SURFACES ABOVE TILE WAINSCOT AT ROUGHLY 40"+/- A.F.F. (9 COURSES PLUS 2" BULLNOSE)
18 PAINT GWB AND/OR PLASTER SURFACES
19 APC-2 CEILING SYSTEM TO BE INSTALLED ABOVE FOOD SERVICE LINE (SEE RC PLAN FOR SPECIFIC AREA). APC-1 CEILING SYSTEM TO BE INSTALLED ELSEWHERE
20 2" THICK CONCRETE TOP INSTALLED OVER EXISTING CONCRETE FLOOR. (SEE STRUCTURAL FOR ADDITIONAL INFORMATION). APPLY SEALER TO ENTIRE FLOOR.
21 HORIZONTAL LOUVER BLINDS NOT REQUIRED AT NORTH EXTERIOR WINDOWS
22 APPLY DRYFALL PAINT TO UNDERSIDE OF ROOF DECK AND STRUCTURE
23 INSTALL NEW MT FLOOR, PT COVE BASE, AND PT WALL TILE (TO EXTEND FROM FLOOR TO CEILING) AT NEW ACCESSIBLE RESTROOM COMPARTMENT. NEW MT AND NEW PT TO MATCH EXISTING
24 AT SHOWER APPLY FLUID-APPLIED WATERPROOF MEMBRANE

FIRST AND SECOND FLOOR ROOM FINISH SCHEDULE

No.	Name	Floor Finish	Base	North Wall		East Wall		South Wall		West Wall		Ceiling		NOTES	No.
				Material	Finish	Material	Finish	Material	Finish	Material	Finish	Material	Finish		
FIRST FLOOR															
100	MAIN OFFICE	EXTG CPT	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER/GWB	PNT	EXTG PLASTER/GWB	PNT	EXTG GWB/GWB/APC-1 *(2)	PNT	2, 3, 10	100
100A	CONFERENCE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		100A
100B	CONFERENCE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		100B
100C	RESTROOM	MOSAIC TILE	PT (COVE)	PT/GLASSMAT GWB *(17)	PNT	PT/GLASSMAT GWB *(17)	PNT	PT/GLASSMAT GWB *(17)	PNT	PT/GLASSMAT GWB *(17)	PNT	APC-1	-	17	100C
100D	SECURITY OFFICE	EXTG RUBBER	VINYL	GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER/GWB	PNT	EXTG PLASTER/GWB	PNT	GWB/APC-1 *(2)	-	2, 3, 10	100D
100E	DATA	EXTG RUBBER	EXTG VINYL/VINYL	EXTG PLASTER	PNT	EXTG PLASTER	PNT	GWB	PNT	GWB	PNT	-	-		100E
100F	PRINCIPAL	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	100F
100G	VICE PRINCIPAL	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	100G
100H	COORDINATE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	100H
100J	CONFERENCE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		100J
100K	CORRIDOR	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	-	-	EXTG PLASTER	PNT	APC-1	-		100K
100Z	HALL	EXTG RUBBER	VINYL	EXTG PLASTER	PNT	GWB	PNT	GWB	PNT	GWB	PNT	APC-1	-		100Z
101	SPED	RUBBER *(44)	VINYL	EXTG PLASTER/GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER/GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 44	101
101A	ALE	RUBBER *(44)	-	EXTG PLASTER/PLYWOOD *(33)	PNT	GWB/PLYWOOD *(33)	PNT	GWB/PLYWOOD *(33)	PNT	EXTG PLASTER/PLYWOOD *(33)	PNT	GWB	PNT	33, 44	101A
102	CAFETERIA	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL *(37)	EXTG GWB/GWB/EXTG P. LAM/P. LAM *(18)	PNT	EXTG GWB/GWB/EXTG P. LAM/P. LAM *(18)	PNT	EXTG GWB/GWB/EXTG P. LAM/EXTG PT *(18)	PNT	EXTG GWB/ EXTG P. LAM/EXTG PLASTER *(18)	PNT	GWB/APC-1/ APC-2 *(2, 19)	PNT	2, 3, 10, 18, 19, 37, 44	102
102A	CORRIDOR	EXTG VINYL	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		102A
102B	STORAGE	EXTG VINYL	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	APC-1	-		102B
102C	CUSTODIAL	EXTG CONC	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	APC-1	-		102C
102D	LOUNGE	EXTG VINYL	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	102D
102E	CONFERENCE	EXTG VINYL	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		102E
102F	CONFERENCE	EXTG VINYL	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	-	EXTG GWB	-	EXTG GWB	PNT	APC-1	-		102F
102G	STORAGE	EXTG VINYL	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG PLASTER	-		102G
102M	MEN	EXTG VINYL	EXTG PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	APC-1	-	2, 9	102M
102W	WOMEN	EXTG VINYL	EXTG PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG PLASTER *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	102W
103	KITCHEN	EXTG QUARRY TILE	EXTG PT	EXTG PT/EXTG GWB *(14)	PNT	EXTG PT/EXTG GWB *(14)	PNT	EXTG PLASTER/EXTG PT/GLASSMAT GWB/PT *(14)	PNT	EXTG PT/EXTG GWB *(14)	PNT	GWB/APC-2 *(2)	PNT	2, 14, 15	103
103A	OFFICE	EXTG QUARRY TILE	EXTG QT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	APC-2	-		103A
103B	DISH ROOM	EXTG QUARRY TILE *(12)	EXTG PT	EXTG PT	-	EXTG PT/PT	-	EXTG PT	-	EXTG PT	-	APC-2	-	12	103B
103C	STORAGE	EXTG QUARRY TILE	EXTG QT	EXTG GWB	-	EXTG GWB	-	EXTG PLASTER	-	EXTG GWB	-	APC-2	-	3, 10	103C
103D	RESTROOM	EXTG M.T.	EXTG PT	EXTG GWB	-	EXTG GWB	-	EXTG PLASTER	-	EXTG GWB	-	APC-2	-	3, 10	103D
103E	STORAGE	EXTG QUARRY TILE *(12)	EXTG QT/QT (COVE) *(13)	EXTG GWB	PNT	EXTG GWB/GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-2	-	3, 12, 13	103E
104	CLASSROOM	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	104
105	RECEPTION	EXTG CPT	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG PLASTER/EXTG GWB	PNT	EXTG GWB/GWB	PNT	EXTG GWB	PNT	APC-1	-		105
105A	SOCIAL WORKER	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		105A
105B	COUNSELING	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	105B
105C	CONFERENCE	EXTG CPT	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB/GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	105C
105D	STORAGE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		105D
105E	COUNSELING	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	105E
105F	COUNSELING	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		105F
106	OFFICE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	106
106A	CONFERENCE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	106A
107	HEALTH OFFICE	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB/GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	107
107A	OFFICE	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	PNT		107A
107B	RESTROOM	EXTG RUBBER	EXTG PT (COVE)	EXTG PT/EXTG GWB *(11)	PNT	EXTG PT/EXTG GWB *(11)	PNT	EXTG PT/EXTG GWB *(11)	PNT	EXTG PT/EXTG GWB *(11)	PNT	APC-1	-	11	107B
108	SOCIAL STUDIES	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	108
109	SOCIAL STUDIES	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER/GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	109
110	WORLD LANGUAGE	EXTG RUBBER/RUBBER	EXTG VINYL/VINYL	EXTG PLASTER/GWB	PNT	EXTG PLASTER/PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	110
111	WORLD LANGUAGE	EXTG RUBBER	EXTG VINYL/VINYL	EXTG PLASTER/GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	111
112	CONFERENCE	CPT	VINYL	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	APC-1	-		112
113	ART	EXTG CONC	EXTG VINYL	EXTG/NEW VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG/NEW VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	113
113A	ART	EXTG CONC	EXTG VINYL	EXTG/NEW VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG/NEW VENEER PLASTER	PNT	EXTG/NEW VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	113A
113B	TPC	EXTG CONC	EXTG VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	APC-1	-		113B
113C	ART	EXTG CONC	EXTG VINYL	EXTG/NEW VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	113C
113D	KILN	EXTG CONC	EXTG VINYL	EXTG VENEER PLASTER	-	EXTG VENEER PLASTER	-	EXTG VENEER PLASTER	-	EXTG VENEER PLASTER	-	APC-1	-		113D
113E	STORAGE	EXTG CONC	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	-	-		113E
114	SCIENCE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	114
115	SCIENCE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	115
116	TPC	EXTG RUBBER	EXTG VINYL/VINYL	EXTG CMU/GWB	PNT	EXTG CMU/GWB	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG VENEER PLASTER/APC-1 *(2, 8)	PNT	2, 8	116
116A	CONFERENCE	EXTG CPT	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	APC-1 *(8)	-	8	116A
117	SCIENCE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	117
118	SCIENCE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	118
119	SCIENCE	EXTG RUBBER	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	119
119A	GREENHOUSE	EXTG CONC	EXTG VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 3, 10	119A
119B	STORAGE	EXTG CONC	EXTG VINYL	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	APC-1	-		119B
180	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	180
180A	VESTIBULE	EXPT-1	EXTG STONE	EXTG MASONRY/EXTG STONE/STONE/EXTG PLASTER	PNT	EXTG STONE	PNT	EXTG MASONRY/EXTG STONE/EXTG PLASTER *(16)	PNT	GWB/EXTG STONE/EXTG PLASTER *(16)	PNT	EXTG MASONRY/GLASSMAT GWB *(16)	PNT	2, 4, 16	180A
180B	BOYS	MOSAIC TILE	PT (COVE)	PT/EXTG PLASTER/GLASSMAT GWB *(9)	PNT	PT/EXTG PLASTER *(9)	PNT	PT/GLASSMAT GWB *(9)	PNT	PT/EXTG PLASTER/GLASSMAT GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	180B
180C	CUSTODIAL	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	APC-1	-		180C
180D	STORAGE	EXTG CONC	-	-	-	-	-	-	-	-	-	-	-		180D
180E	VESTIBULE	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	180E
180F	STORAGE	EXTG RUBBER/EXTG CONC	EXTG TERRAZZO/VINYL	GWB	PNT	EXTG PLASTER/GWB	PNT	EXTG MASONRY	PNT	EXTG PLASTER/GWB	PNT	APC-1	-		180F
180G	GIRLS	EXTG RUBBER	EXTG PT/PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/PT/EXTG GWB/GLASSMAT GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	180G
180H	STORE	RUBBER *(44)	VINYL	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	APC-1	-	44	180H
180J	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	-	-	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/GWB/APC-1 *(2)	PNT	2, 3, 4	180J
180K	BOYS	EXTG RUBBER	EXTG PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	180K
180L	RESTROOM	EXTG RUBBER	EXTG PT/PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/PT/EXTG GWB/GLASSMAT GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	180L
180M	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	180M
180N	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	-	-	EXTG BRICK/EXTG PLASTER	PNT	-	-	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	180N
180P	CHASE	EXTG CONC	-	-	-	-	-	-	-	-	-	-	-		180P
180R	CHASE	EXTG CONC	-	-	-	-	-	-	-	-	-	-	-		180R
180S	CHASE	EXTG CONC	-	-	-	-	-	-	-	-	-	APC-1	-		180S
181	CORRIDOR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG/NEW VENEER PLASTER/APC-1 *(2)	PNT	2, 4	181
181A	CORRIDOR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER/APC-1 *(2)	PNT	2, 4	181A
181B	STORAGE	EXTG CONC	-	EXTG CMU	-	EXTG CMU	-	CMU	-	EXTG CMU	-	-	-		181B
181C	CUSTODIAL	EXTG CONC	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		181C
191M	MECHANICAL	SEALED CONC.	CONC	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		191M
192M	MECHANICAL	SEALED CONC.	CONC	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	EXTG CMU	-	-	-		192M
ST03	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 3, 4	ST03
ST04	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 3, 4	ST04
ST05	STAIR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	-	PNT	2, 3, 4	ST05
ST06	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	-	PNT	4	ST06
SECOND FLOOR															
200	AUDITORIUM	CARPET/SEALED CONC. *(38)	EXTG WOOD/WOOD	EXTG PLASTER/GLASSMAT GWB/EXTG WD WAINSCOT/WD WAINSCOT *(43)	PNT	EXTG PLASTER/GLASSMAT GWB/EXTG WD WAINSCOT/WD WAINSCOT	PNT	EXTG PLASTER/GLASSMAT GWB/EXTG WD WAINSCOT/WD WAINSCOT *(43)	PNT	EXTG PLASTER/EXTG WOOD WAINSCOT	PNT	EXTG PLASTER/GLASSMAT *(42)	PNT	38, 42, 43	200
201	ENGLISH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	201
201A	STORAGE	EXTG RUBBER/RUBBER *(44)	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	APC-1	-	44	201A
201B	STORAGE	-	-	-	-	-	-	-	-	-	-	-	-		201B
201C	STORAGE	EXTG RUBBER	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	APC-1	-		201C
202	STAGE	EXTG WOOD	EXTG WOOD/WOOD	EXTG BRICK/EXTG PLASTER/GWB	PNT/EPOXY PNT *(39, 40, 41)	EXTG PLASTER	PNT/EPOXY PNT *(39, 40, 41)	EXTG BRICK/EXTG PLASTER/GWB	PNT/EPOXY PNT *(39, 40, 41)	EXTG BRICK	PNT/EPOXY PNT *(39, 40, 41)	EXTG PLASTER/PLASTER *(35, 42)	PNT	35, 39, 40, 41, 42	202
202A	STORAGE	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG PLASTER/GWB	PNT	EXTG GWB/GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG GWB/APC-1 *(2)	PNT	2, 3, 10, 44	202A
203	TPC	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	203
203A	CONFERENCE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		203A
204	CLASSROOM	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG GWB/GWB	PNT	EXTG GWB/GWB	PNT	EXTG GWB/APC-1 *(2)	PNT	2, 3, 10, 44	204
205	SOCIAL STUDIES	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB/GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	205
206	ENGLISH	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB/GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	206
207	SPED	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	207
208	READING	EXTG RUBBER	EXTG VINYL	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	208
209	ENGLISH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	209
210	READING	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG PLASTER/GWB	PNT	EXTG PLASTER/GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	210
211	ENGLISH	EXTG RUBBER	EXTG VINYL/VINYL	EXTG PLASTER/GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	211
212	SOCIAL STUDIES	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB/GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	212
213	ENGLISH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	213
214	MUSIC	EXTG CPT	EXTG VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2, 27)	PNT	2, 3, 10, 27	214
214A	STORAGE	EXTG CPT	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-	3, 10	214A
215	SOCIAL STUDIES	EXTG RUBBER/RUBBER	EXTG VINYL/VINYL	EXTG PLASTER/GWB	PNT	EXTG PLASTER/PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	215
216	MUSIC	CPT	VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER/GWB	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG PLASTER/APC-1 *(2, 27, 28)	-	2, 3, 10, 27, 28	216
216A	MUSIC	CPT	VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	APC-1 *(27)	-	27	216A
216B	INSTRUMENTAL MUSIC	CPT	VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	APC-1 *(27)	-	27	216B
216C	INSTRUMENTAL MUSIC	CPT	VINYL	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2, 27)	-	2, 3, 10, 27	216C
217	LIBRARY	CPT	VINYL	EXTG CMU	PNT	EXTG CMU/EXTG GWB	PNT	EXTG GWB	PNT	EXTG CMU/EXTG GWB	PNT	EXTG/NEW VENEER PLASTER/APC-1 *(2)	PNT	2, 3, 10	217
217A	OFFICE	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG CMU	PNT	APC-1	-		217A
217B	PRODUCTION	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB/GWB	PNT	EXTG CMU/CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	217B
217C	AUDIO/VISUAL	EXTG RUBBER	EXTG VINYL/VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		217C
217D	CONFERENCE	CPT	VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	217D
217E	LIBRARY	CPT/EXTG RUBBER	VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	217E
218	COMPUTER	RUBBER *(44)	VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 44	218
219	COMPUTER	CPT	VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	219
220	COMPUTER	CPT	VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	220
221	COMPUTER	CPT	VINYL	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	EXTG CMU	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	221
280	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	280
280A	CORRIDOR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	-	-	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/GWB/APC-1 *(2)	PNT	2, 3, 4	280A
280B	BOYS	EXTG RUBBER	EXTG PT/PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	280B
280C	CUSTODIAL	EXTG CONC	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG GWB	EPOXY PNT	-	-		280C
280D	CORRIDOR	EXTG/NEW RUBBER/EXTG CPT	EXTG TERRAZZO/GLAZED CMU	EXTG/NEW BRICK/ EXTG/NEW PLASTER	PNT	-	-	EXTG BRICK/EXTG PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG PLASTER/GWB/APC-1 *(2)	PNT	2, 3, 4	280D
280E	WOMEN	EXTG

THIRD AND FOURTH ROOM FINISH SCHEDULE

No.	Name	Floor Finish	Base	North Wall		East Wall		South Wall		West Wall		Ceiling		NOTES	No.
				Material	Finish	Material	Finish	Material	Finish	Material	Finish	Material	Finish		
THIRD FLOOR															
300	BALCONY	CARPET/SEALED CONC *(38)	EXTG WOOD/WOOD	EXTG PLASTER *(43)	PNT	EXTG PLASTER/GLASSMAT GWB	PNT	EXTG PLASTER *(43)	PNT	EXTG PLASTER	PNT	EXTG PLASTER/PLASTER *(35, 42)	PNT	35, 38, 42, 43	300
300A	CONTROL ROOM	-	-	-	-	-	-	-	-	-	-	-	-		300A
301	MATH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	301
301A	TPC	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	301A
301B	GIFTED	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2	301B
301C	CORRIDOR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	APC-1	-	4	301C
303	VOCAL MUSIC	CPT	VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	2, 3, 10	303
303A	TPC	CPT	VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	303A
303B	OFFICE	CPT	VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	303B
303C	ELECT.	EXTG CONC	EXTG VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB	PNT		303C
303D	STORAGE	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	GWB	PNT		303D
303E	CORRIDOR	CPT	VINYL	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	EXTG GWB	PNT	APC-1	-		303E
304	MATH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	304
305	MATH	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG GWB/GWB	PNT	EXTG PLASTER/PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 44	305
306	SPED	EXTG RUBBER/RUBBER *(44)	EXTG VINYL/VINYL	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG GWB/GWB	PNT	EXTG PLASTER/PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 44	306
307	MATH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	307
308	SPED	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	308
309	MATH	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	309
310	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	310
311	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	311
313	SPED	EXTG RUBBER	EXTG VINYL/VINYL	EXTG PLASTER/GWB	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	313
315	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG PLASTER	PNT	EXTG GWB	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	315
317	6TH GRADE	EXTG RUBBER	EXTG VINYL	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG PLASTER	PNT	EXTG GWB	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	317
380	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	380
380A	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	-	-	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER *(2)	PNT	2, 4	380A
380B	BOYS	EXTG RUBBER	EXTG PT/PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/PT/EXTG GWB/GLASSMAT GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	380B
380C	CUSTODIAL	EXTG VINYL	EXTG VINYL	EXTG GWB	-	EXTG GWB	-	EXTG GWB	-	EXTG PLASTER	-	-	-		380C
380D	STORAGE	-	-	-	-	-	-	-	-	-	-	-	-	3	380D
380E	RESTROOM	EXTG RUBBER	EXTG PT/PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/PT/EXTG GWB/GLASSMAT GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	380E
380F	CORRIDOR	EXTG RUBBER	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER/APC-1 *(2)	PNT	2, 4	380F
380G	GIRLS	EXTG RUBBER	EXTG PT (COVE)	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB *(9)	PNT	EXTG PT/EXTG GWB/GWB *(9)	PNT	GWB/APC-1 *(2)	PNT	2, 3, 9	380G
380M	MECHANICAL	SEALED CONC.	EXTG VINYL	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG GWB	-	-	-		380M
380N	MECHANICAL	EXTG CONC	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY	-	EXTG MASONRY/NEW MASONRY INFILL	-	-	-		380N
380P	CHASE	EXTG CONC	-	-	-	-	-	-	-	-	-	-	-		380P
380R	CHASE	EXTG CONC	-	-	-	-	-	-	-	-	-	-	-		380R
381M	MECHANICAL	SEALED CONC.	CONC	EXTG VINYL INSULATION	-	EXTG VINYL INSULATION	-	EXTG VINYL INSULATION	-	EXTG VINYL INSULATION	-	-	-		381M
ST02	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER	PNT	2, 3, 4	ST02
ST04	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER	PNT	2, 3, 4	ST04
ST06	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER	PNT	2, 3, 4	ST06
FOURTH FLOOR															
400	MUSIC	EXTG CPT	EXTG VINYL	-	-	EXTG/NEW VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10	400
401	MUSIC	EXTG CPT	EXTG VINYL	EXTG VENEER PLASTER	PNT	EXTG/NEW VENEER PLASTER	PNT	-	-	EXTG VENEER PLASTER	PNT	GWB/APC-1 *(2)	PNT	2, 3, 10, 21	401
401A	STORAGE	EXTG CONC	-	EXTG PLASTER	-	EXTG PLASTER	-	EXTG PLASTER	-	EXTG PLASTER	-	EXTG PLASTER	-	3, 10	401A
480M	MECHANICAL	SEALED CONC.	-	EXTG MASONRY/NEW MASONRY INFILL	-	EXTG MASONRY/NEW MASONRY INFILL	-	EXTG MASONRY/NEW MASONRY INFILL	-	EXTG MASONRY/NEW MASONRY INFILL	-	-	-		480M
480N	MECHANICAL	SEALED CONC.	-	EXTG MASONRY/NEW MASONRY INFILL	-	EXTG MASONRY/NEW MASONRY INFILL	-	EXTG MASONRY/NEW MASONRY INFILL	-	EXTG MASONRY/NEW MASONRY INFILL	-	-	-		480N
ST07	STAIR	EXTG RUBBER/EXTG TERRAZZO	EXTG TERRAZZO	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG BRICK/EXTG PLASTER	PNT	EXTG PLASTER *(2)	PNT	2, 3, 4	ST07
ST08	STAIR	EXTG RUBBER	EXTG GLAZED CMU	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	EXTG BRICK/EXTG VENEER PLASTER	PNT	-	-		ST08

FOURTH FLOOR ROOM FINISH SCHEDULE

GENERAL ROOM FINISH SCHEDULE NOTES

1 IN AREAS NOTED TO BE PAINTED, PAINT ALL EXPOSED PIPING, DUCTWORK AND/OR CONDUIT
2 PAINT FLAT BLACK THE VISIBLE INSIDE AREA OF DUCTWORK BEHIND REGISTERS, GRILLES AND DIFFUSERS

ROOM FINISH SCHEDULE NOTES

1 INFILL EXISTING OPENINGS NOTED ON SHEET A2.TA, REFER TO STRUCTURAL FOR INFILL CONSTRUCTION.
2 PAINT GWB/PLASTER BULKHEAD/SOFFIT/CEILING SURFACES (NEW AND/OR EXTG)
3 NEW METAL CLAD WINDOW(S) AND ASSOCIATED WOOD TRIM TO RECEIVE STAIN FINISH - TO MATCH LPS STANDARD STAIN COLOR
4 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE BRICK WAINSCOT OF 4'-0" +/-
5 INFILL EXISTING RECESSED FAN COIL OPENING WITH NEW CMU INFILL CONSTRUCTION WITH THIN BRICK VENEER FINISH TO MATCH EXISTING THIN BRICK WAINSCOT.
6 6" HIGH INTEGRAL EPOXY (COVE) BASE
7 EXTEND (NEW AND/OR EXTG) GWB FINISH TO UNDERSIDE OF DECK
8 INSTALL 1 1/4" CEILING INSULATION PANEL ABOVE SUSPENDED CEILING SYSTEM WHERE LIGHTS DO NOT OCCUR
9 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE TILE WAINSCOT OF 7'-0"+/-
10 PROVIDE AND INSTALL HORIZONTAL LOUVER BLIND(S) @ EXTERIOR WINDOW OPENING(S)
11 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE TILE WAINSCOT OF 42"+/-
12 WHERE EXISTING QUARRY TILE FLOORING IS REMOVED TO FACILITATE INSTALLATION OF NEW CONSTRUCTION, INFILL WITH NEW QUARRY TILE FLOORING TO MATCH EXISTING
13 INSTALL NEW QUARRY TILE (COVE) BASE AT NEW WALL CONSTRUCTION AND NEW LOCKER BASE CONSTRUCTION TO MATCH EXISTING
14 PAINT GWB AND/OR PLASTER SURFACES (NEW AND/OR EXTG) ABOVE TILE WAINSCOT OF 5'-2" +/-
15 NEW METAL CLAD WINDOW(S) AND ASSOCIATED WOOD TRIM TO RECEIVE PAINT FINISH
16 DO NOT PAINT EXISTING MASONRY/STONE SURFACES
17 PAINT GWB SURFACES ABOVE TILE WAINSCOT AT ROUGHLY 40"+/- A.F.F. (9 COURSES PLUS 2" BULLNOSE)
18 PAINT GWB AND/OR PLASTER SURFACES
19 APC-2 CEILING SYSTEM TO BE INSTALLED ABOVE FOOD SERVICE LINE (SEE RC PLAN FOR SPECIFIC AREA). APC-1 CEILING SYSTEM TO BE INSTALLED ELSEWHERE
20 2" THICK CONCRETE TOP INSTALLED OVER EXISTING CONCRETE FLOOR. (SEE STRUCTURAL FOR ADDITIONAL INFORMATION). APPLY SEALER TO ENTIRE FLOOR.
21 HORIZONTAL LOUVER BLINDS NOT REQUIRED AT NORTH EXTERIOR WINDOWS
22 APPLY DRYFALL PAINT TO UNDERSIDE OF ROOF DECK AND STRUCTURE
23 INSTALL NEW MT FLOOR, PT COVE BASE, AND PT WALL TILE (TO EXTEND FROM FLOOR TO CEILING) AT NEW ACCESSIBLE RESTROOM COMPARTMENT. NEW MT AND NEW PT TO MATCH EXISTING
24 AT SHOWER APPLY FLUID-APPLIED WATERPROOF MEMBRANE (093000.H) AT CMU WALLS (NEW AND EXISTING). INSTALL NEW PT COVE BASE AND PT WALL TILE FROM FLOOR TO CEILING
25 AT SHOWER APPLY FLUID-APPLIED WATERPROOF MEMBRANE (093000.H) TO CONC. FLOOR. INSTALL NEW MOSAIC FLOOR TILE
26 PAINT ALL SIDES OF EXISTING CMU COLUMNS
27 INSTALL 1 1/2" SOUND ATTENTUATION BLANKETS ABOVE SUSPENDED CEILING SYSTEM WHERE LIGHTS DO NOT OCCUR
28 PROVIDE DECORATIVE METAL EDGE PROFILE AT PERIMETER OF APC-1 CLOUD STRUCTURE
29 WHERE EXISTING MOSAIC TILE FLOORING IS REMOVED TO FACILITATE INSTALLATION OF NEW FLOOR DRAINS, INFILL W/ NEW MOSAIC TILE TO MATCH EXISTING
30 INSTALL HOLD-DOWN CLIPS AT VESTIBULE CEILING
31 APPLY 1 HR FIRE RATED SPRAY APPLIED FIREPROOFING (078100.A) TO STEEL FLOOR STRUCTURE. UNDERSIDE OF METAL DECK DOES NOT REQUIRE SPRAY APPLIED FIRE PROOFING
32 INSTALL 4" VINYL BASE AT LOCATION OF NEW GWB WALL ONLY
33 INSTALL 3/4" THICK (PAINTED) PLYWOOD FROM FLOOR TO CEILING ON ALL WALL SURFACES
34 PAINT EXISTING ALUMINUM TRIM ABOVE ALUMINUM WINDOW HEAD
35 REPAIR/PATCH EXISTING PLASTER CEILING AS REQ'D TO PROVIDE A UNIFORM APPEARANCE. FILL ABANDONED HOLES AND/OR PENETRATIONS WITH MATERIAL SIMILAR TO ADJACENT SURFACES.
36 PATCH/REPAIR EXTG GWB SURFACE AS REQ'D FROM APPROX. 8'-0" TO 10'-0" A.F.F.
37 INSTALL NEW VINYL BASE AT LOCATIONS OF NEW RUBBER FLOORING (SEE SHEET A2.1B)
38 DELETE CARPET AND SEALED CONC IN ALTERNATE #3. CARPET AT AUDITORIUM ACCESS FLOOR SYSTEM STAIRS (AND STAGE AREA) TO BE RETAINED IN ALTERNATE #3
39 RETAIN HORIZONTAL PAINTED RED ACCENT STRIP ON WALL SURFACE.
40 REPAINT WALL SURFACE (IN IT'S ENTIRETY) FROM TOP OF (RETAINED) HORIZONTAL RED ACCENT STRIP TO UNDERSIDE OF ROOF DECK
41 WHERE EXISTING ITEM(S) ARE SHOWN TO BE REMOVED, TOUCH-UP EXISTING EPOXY PAINT FINISH FROM TOP OF (RETAINED) HORIZONTAL RED ACCENT STRIP TO FINISH FLOOR.
42 PATCH/REPAIR EXISTING PLASTER CEILING AT ALL DAMAGED LOCATIONS TO PROVIDE A SMOOTH, PAINTABLE FINISH
43 APPLY AN ACOUSTIC PLASTERING SYSTEM (098316.A) TO EXISTING WALL SURFACE FROM T.O. WOOD WAINSCOT TO UNDERSIDE OF PLASTER CEILING
44 SEE STANDARD DETAIL ON SHEET G1.0 FOR NEW/INFILL RUBBER FLOORING DETAIL AT VERTICAL TRANSITIONS

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes administrative and procedural requirements for the following:

1. Salvaging nonhazardous demolition and construction waste.
2. Recycling nonhazardous demolition and construction waste.
3. Disposing of nonhazardous demolition and construction waste.

B. Related Requirements:

1. Section 024119 "Selective Demolition" for disposition of waste resulting from partial demolition of buildings, structures, and site improvements.
2. Section 042000 "Unit Masonry" for disposal requirements for masonry waste.
3. Section 311000 "Site Clearing" for disposition of waste resulting from site clearing and removal of above- and below-grade improvements.

1.3 WASTE MANAGEMENT CONSULTANT

A. The Owner has hired WasteCap Nebraska as the waste management consultant for this Project. WasteCap will assist the Contractor with the establishment and implementation of the waste management plan.

1. The Owner will pay the cost for the Waste Management Consultant.

1.4 DEFINITIONS

A. Construction Waste: Building and site improvement materials and other solid waste resulting from construction, remodeling, renovation, or repair operations. Construction waste includes packaging.

B. Demolition Waste: Building and site improvement materials resulting from demolition or selective demolition operations.

C. Disposal: Removal off-site of demolition and construction waste and subsequent sale, recycling, reuse, or deposit in landfill or incinerator acceptable to authorities having jurisdiction.

D. Recycle: Recovery of demolition or construction waste for subsequent processing in preparation for reuse.

E. Salvage: Recovery of demolition or construction waste and subsequent sale or reuse in another facility.

F. Salvage and Reuse: Recovery of demolition or construction waste and subsequent incorporation into the Work.

1.5 WASTE MANAGEMENT REQUIREMENTS

A. General: The Owner requires that this project generate the least amount of trash and waste possible.

1. Practice efficient waste management in the use of materials in the course of the Work. Employ means that minimize the generation of waste due to error, poor planning, breakage, mishandling, contamination, and other factors.
2. Minimize waste and trash disposal to landfills and incinerators.

B. The Contractor shall coordinate their work with the Owner's Waste Management Consultant to develop the waste management plan and to ensure that all materials are being managed at the highest feasible level of waste diversion. The Waste Management consultant will assist the Contractor with the waste management plan record-keeping and reporting.

C. Revenue: Revenue from sale of recycled materials shall be passed on to the Owner.

1. Revenue from sale of recycled materials shall be transmitted by check directly to the Owner, unless other procedures are approved by the Owner.

D. Required Recycling, Salvage, and Reuse: The following <u>shall not</u> be disposed of in landfills or by incineration:

1. Masonry - brick, block
2. Steel/Metal - piping, hollow metal doors and frames, metal studs, ductwork, lockers, toilet partitions, supports/hangers, conduit, electrical panel boards, etc.
3. Aluminum - storefronts, doors, windows.
4. Copper - wiring, coils, piping
5. Cardboard
6. Wood - pallets, lumber

E. Categories which may or may not have the ability for local recycling. The following shall not be disposed of in landfills or by incineration, unless there is no locally available means of recycling:

1. Acoustic ceiling tile
2. Carpet
3. Unpainted gypsum board scrap
4. Aluminum window frames and glass

F. The following means of waste and trash disposal are not acceptable:

1. Burning on the project site.
2. Burial on the project site.
3. Dumping or burying on other property, public or private.
4. Other illegal dumping.

1.6 ACTION SUBMITTALS

A. Waste Management Plan: Submit plan within forty-five (45) days of date established for the commencement of Work.

1.7 INFORMATIONAL SUBMITTALS

A. Waste Management Plan Reports: Concurrent with each Application for Payment, submit report.

1. Use the Owner's Summary of Solid Waste Disposal and Diversion form attached at the end of this section.

B. Waste Reduction Calculations: Before request for Substantial Completion, submit calculated end-of-Project rates for salvage, recycling, and disposal as a percentage of total waste generated by the Work.

C. Records of Donations: Indicate receipt and acceptance of salvageable waste donated to individuals and organizations. Indicate whether organization is tax exempt.

D. Records of Sales: Indicate receipt and acceptance of salvageable waste sold to individuals and organizations. Indicate whether organization is tax exempt.

E. Recycling and Processing Facility Records: Indicate receipt and acceptance of recyclable waste by recycling and processing facilities licensed to accept them. Include manifests, weight tickets, receipts, and invoices.

F. Landfill and Incinerator Disposal Records: Indicate receipt and acceptance of waste by landfills and incinerator facilities licensed to accept them. Include manifests, weight tickets, receipts, and invoices.

~~**G. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.**~~

1.8 QUALITY ASSURANCE

A. Regulatory Requirements: Comply with hauling and disposal regulations of authorities having jurisdiction.

B. Waste Management Progress Meetings: At regular progress meetings as described in Section 013100 "Project Management and Coordination", review methods and procedures related to waste management ~~**including, but not limited to, the following:**~~

~~**1. Review and discuss waste management plan including responsibilities of waste management manager.**~~
~~**2. Review requirements for documenting quantities of each type of waste and its disposition.**~~
~~**3. Review and finalize procedures for materials separation and verify availability of containers and bins needed to avoid delays.**~~
~~**4. Review procedures for periodic waste collection and transportation to recycling and disposal facilities.**~~

~~**5. Review waste management requirements for each trade.**~~

1.9 WASTE MANAGEMENT PLAN

A. General: Develop a waste management plan according to the requirements in this Section. Plan shall consist of waste identification, waste reduction work plan, and cost/revenue analysis. Indicate quantities by weight or volume, but use same units of measure throughout waste management plan.

B. Waste Identification: Indicate anticipated types and quantities of demolition site-clearing and construction waste generated by the Work. . Include estimated quantities and assumptions for estimates.

C. Waste Reduction Work Plan: List each type of waste and whether it will be salvaged, recycled, or disposed of in landfill or incinerator. Include points of waste generation, total quantity of each type of waste, quantity for each means of recovery, and handling and transportation procedures.

~~**1. Salvaged Materials for Reuse: For materials that will be salvaged and reused in this Project, describe methods for preparing salvaged materials before incorporation into the Work.**~~
~~**2. Salvaged Materials for Sale: For materials that will be sold to individuals and organizations, include list of their names, addresses, and telephone numbers.**~~
~~**3. Salvaged Materials for Donation: For materials that will be donated to individuals and organizations, include list of their names, addresses, and telephone numbers.**~~
~~**4. Recycled Materials: Include list of local receivers and processors and type of recycled materials each will accept. Include names, addresses, and telephone numbers.**~~
~~**5. Disposed Materials: Indicate how and where materials will be disposed of. Include name, address, and telephone number of each landfill and incinerator facility.**~~
~~**6. Handling and Transportation Procedures: Include method that will be used for separating recyclable waste including sizes of containers, container labeling, and designated location where materials separation will be performed.**~~

~~**D. Cost/Revenue Analysis: Indicate total cost of waste disposal as if there was no waste management plan and net additional cost or net savings resulting from implementing waste management plan. Include the following:**~~

~~**1. Total quantity of waste.**~~
~~**2. Estimated cost of disposal (cost per unit). Include hauling and tipping fees and cost of collection containers for each type of waste.**~~
~~**3. Total cost of disposal (with no waste management).**~~
~~**4. Revenue from salvaged materials.**~~
~~**5. Revenue from recycled materials.**~~
~~**6. Savings in hauling and tipping fees by donating materials.**~~
~~**7. Savings in hauling and tipping fees that are avoided.**~~
~~**8. Handling and transportation costs. Include cost of containers for each type of waste.**~~
~~**9. Net additional cost or net savings from waste management plan.**~~

PART 2 - PRODUCTS

~~2.1 PRODUCT SUBSTITUTION~~

~~**A. For any proposed product substitution, submit the following information in addition to the requirements in Section 012500 "Substitution Procedures":**~~

~~**1. Amount of waste produced, compared to specified product.**~~
~~**2. Cost savings on waste disposal, compared to specified product, to be deducted from the Contract Sum.**~~
~~**3. Proposed disposal method for waste product.**~~
~~**4. Markets for recycled waste product.**~~

PART 3 - EXECUTION

3.1 PLAN IMPLEMENTATION

A. General: Implement approved waste management plan. Provide handling, containers, storage, signage, transportation, and other items as required to implement waste management plan during the entire duration of the Contract.

1. Comply with operation, termination, and removal requirements in Section 015000 "Temporary Facilities and Controls."

B. Waste Management Manager: Designate an on-site person or persons to be responsible for implementing, monitoring, and reporting status of waste management work plan.

C. Instruction: Provide on-site instruction for workers, subcontractors, and suppliers on proper waste management procedures, as appropriate for the Work.

1. Distribute waste management plan to everyone concerned within seven (7) days of submittal return.
2. Distribute waste management plan to entities when they first begin work on-site. Review plan procedures and locations established for salvage, recycling, and disposal.

D. Site Access and Temporary Controls: Conduct waste management operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

1. Designate and label specific areas on Project site necessary for separating materials that are to be salvaged, recycled, reused, donated, and sold.
2. Provide separate storage for any hazardous materials and dispose in manner in accordance with local regulations.
3. Comply with Section 015000 "Temporary Facilities and Controls" for controlling dust and dirt, environmental protection, and noise control.

3.2 SALVAGING DEMOLITION WASTE

A. Salvaged Items for Reuse in the Work: Salvage items for reuse and handle as follows:

1. Clean salvaged items.

2. Pack or crate items after cleaning. Identify contents of containers with label indicating elements, date of removal, quantity, and location where removed.
3. Store items in a secure area until installation.
4. Protect items from damage during transport and storage.
5. Install salvaged items to comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make items functional for use indicated.

B. Salvaged Items for Sale and Donation: Permitted on Project site for collection and periodic removal to designated locations.

C. Salvaged Items for Owner's Use: Salvage items for Owner's use and handle as follows:

1. Clean salvaged items.
2. Pack or crate items after cleaning. Identify contents of containers with label indicating elements, date of removal, quantity, and location where removed.
3. Store items in a secure area until delivery to Owner.
4. Transport items to Owner's storage area on-site as designated by Owner.
5. Protect items from damage during transport and storage.

D. Doors and Hardware: Except for removing door closers, leave door hardware attached to doors.

E. Equipment: Drain tanks, piping, and fixtures. Seal openings with caps or plugs. Protect equipment from exposure to weather.

3.3 RECYCLING WASTE, GENERAL

A. General: Recycle paper and beverage containers used by on-site workers.

B. Recycling Incentives: Revenues, savings, rebates, tax credits, and other incentives received for recycling waste materials shall accrue to Owner.

C. Preparation of Waste: Prepare and maintain recyclable waste materials according to recycling or reuse facility requirements. Maintain materials free of dirt, adhesives, solvents, petroleum contamination, and other substances deleterious to the recycling process.

D. Procedures: Separate recyclable waste from other waste materials, trash, and debris. Separate recyclable waste by type at Project site to the maximum extent practical according to approved construction waste management plan.

1. Provide appropriately marked containers or bins for controlling recyclable waste until removed from Project site. Include list of acceptable and unacceptable materials at each container and bin.

    a. Inspect containers and bins for contamination and remove contaminated materials if found.

2. Stockpile processed materials on-site without intermixing with other materials. Place, grade, and shape stockpiles to drain surface water. Cover to prevent windblown dust.
3. Store components off the ground and protect from the weather.
4. Remove recyclable waste from Owner's property and transport to recycling receiver or processor.

3.4 RECYCLING DEMOLITION WASTE

A. Asphalt Paving: Break up and transport paving to asphalt-recycling facility.

B. Concrete: Remove reinforcement and other metals **easily separated** from concrete and sort with other metals.

C. Masonry: Remove metal reinforcement, anchors, and ties **easily separated** from masonry and sort with other metals.

1. Clean and stack undamaged, whole masonry units on wood pallets.

D. Wood Materials: Sort and stack members according to size, type, and length. Separate lumber, engineered wood products, panel products, and treated wood materials.

E. Metals: Separate metals by type.

1. Metals need only be separated when it is economically feasible to accomplish such that the cost of separation does not exceed the dollar value of the recycled material.

~~**F. Gypsum Board: Stack large clean pieces on wood pallets or in container and store in a dry location. Remove edge trim and sort with other metals. Remove and dispose of fasteners.**~~

G. Acoustical Ceiling Panels and Tile (Optional): Stack large clean pieces on wood pallets and store in a dry location.

H. Metal Suspension System: Separate metal members including trim, and other metals from acoustical panels and tile and sort with other metals.

I. Carpet (Optional): Roll large pieces tightly after removing debris, trash, adhesive, and tack strips.

1. Store clean, dry carpet in a closed container or trailer provided by Carpet Reclamation Agency or carpet recycler.

J. Carpet Tile (Optional): Remove debris, trash, and adhesive.

1. Stack tile on pallet and store clean, dry carpet in a closed container or trailer provided by Carpet Reclamation Agency or carpet recycler.

K. Windows (Optional):

1. Separate aluminum framing members including trim from glass and sort with other metals.

~~**L. Piping: Reduce piping to straight lengths and store by type and size. Separate supports, hangers, valves, sprinklers, and other components by type and size.**~~

~~**M. Conduit: Reduce conduit to straight lengths and store by type and size.**~~

3.5 RECYCLING CONSTRUCTION WASTE

A. Packaging:

1. Cardboard and Boxes: Break down packaging into flat sheets. Bundle and store in a dry location.
2. Polystyrene Packaging: Separate and bag materials.
3. Pallets: As much as possible, require deliveries using pallets to remove pallets from Project site. For pallets that remain on-site, break down pallets into component wood pieces and comply with requirements for recycling wood.
4. Crates: Break down crates into component wood pieces and comply with requirements for recycling wood.

~~B. Gypsum Board: Stack large clean pieces on wood pallets or in container and store in a dry location.~~

3.6 DISPOSAL OF WASTE

A. General: Except for items or materials to be salvaged, recycled, or otherwise reused, remove waste materials from Project site and legally dispose of them in a landfill or incinerator acceptable to authorities having jurisdiction.

1. Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

B. Burning: Do not burn waste materials.

C. Disposal: Remove waste materials from Owner's property and legally dispose of them.

3.7 ATTACHMENTS

A. Sample copy of Owner’s Summary Waste Management form.

END OF SECTION 017419

SECTION 098316 - ACOUSTIC FINISH SYSTEM

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. Field applied seamless acoustical finish in Auditorium.

B. Related Sections:

1. Division 09 Section "Gypsum Board" for gypsum board substrate and for preparation of existing plaster substrates to receive acoustic plastering system.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

1. Include written certification that the acoustic finish materials contain no asbestos.

B. Product Test Reports indicating compliance with the following:

1. NRC values per ASTM C-423 conducted by a NVLAP certified testing laboratory.
2. Flame Spread indicating the product meets Class 1 Fire Rating requirements per ASTM E-84.

C. Manufacturer’s installation instructions.

D. Samples for Verification: For each type of factory-prepared textured finish coat indicated; 12 by 12 inches (305 by 305 mm), and prepared on rigid backing.

E. Installer Certification: Submit written documentation from the acoustic finish manufacturer of installer’s certification as an approved applicator.

1.4 SYSTEM PERFORMANCE REQUIREMENTS

A. Flame Spread shall be Class A with a flame spread and smoke development <25 as per ASTM E84.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Engage an experience installer who been certified by this acoustic finish manufacturer. Installers must use installation tools and equipment recommended by manufacturer.

B. Single Source Responsibility: Provide only proprietary, factory formulated materials as produced or recommended by the acoustical finish manufacturer. Substitutes within the system are not permitted.

C. Mockups: Before plastering, install mockups of at least 10' x 10' in surface area to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Install mockups for each type of finish indicated.
2. Prepare mockup using the same tools and techniques to be used for the actual application.
3. For interior plasterwork, simulate finished lighting conditions for review of mockups.
4. Acoustic finish work shall not proceed until the mockup sample has been approved by the Architect.
5. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to project site in original, unopened packages bearing the name of the manufacturer and product identification.

B. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes.

1.7 PROJECT CONDITIONS

A. Environmental Limitations: Do not install the acoustic finish system until wet-work in spaces is complete and dry, work above ceilings is complete, and ambient temperature is above 60 degrees F and can be maintained until the finish system has fully cured. Ensure that the building is ventilated to assist with the drying process if the HVAC is not operational.

B. The substrate temperature shall be a minimum of 60 degrees F.

1.8 COORDINATION

A. Coordinate layout and installation of acoustic finish system with other work including light fixtures, HVAC equipment, fire-suppression system, and partition assemblies.

1.9 WARRANTY

A. Manufacturer shall warrant the material to be supplied, agreeing to repair/replace that which has cracked, flaked, dusted excessively, peeled or fallen from substrate, or otherwise deteriorated to a condition where it would not perform effectively as intended for a sound absorbent purpose; due to defective materials and not due to abuse, improper maintenance, unforeseeable ambient exposures, or other causes beyond anticipated conditions by manufacturer.

1. The warranty period will be 5 years from date of substantial completion

PART 2 - PRODUCTS

2.1 PRODUCTS

A. Basis-of-Design Product: Provide and install StarSilent Panel System as supplied by Pyrok Inc.

1. Finish shall be smooth finish.
2. Color shall be white (or spray painted in field by others).

2.2 MATERIALS

A. Acoustic Finish System: Furnish all labor, materials, equipment and services necessary to the completion of all field applied acoustical plaster panel system.

1. Metal hat channels, 7/8” depth.
2. StarSilent Board, recycled crushed glass substrate board.
3. StarSilent Top Basic, base coat plaster.
4. StarSilent Top Finish, top coat plaster with smooth finish.

B. Accessories and Tools: use manufacturer’s recommended accessories and tools.

C. Water: clean, fresh, potable, and free of mineral or organic matter.

PART 3 - EXECUTION

3.1 PREPARATION

A. The existing acoustic material on the Auditorium walls shall be removed and the walls prepared to receive new acoustic finish materials.

B. Protect adjacent work from soiling, spattering, moisture deterioration, and other harmful effects caused by plastering.

3.2 EXAMINATION

A. Examine areas and substrates, with Installer present for compliance with requirements and other conditions affecting performance of the Work.

B. Verify surfaces to receive spray insulation to determine if priming/sealing is required to ensure bonding and/or to prevent discoloration caused by migratory stains.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 INSTALLATION

A. General: Apply the acoustic system as per manufacturer’s written installation instructions.

B. Install 20 gauge 7/8 inch hat channels at 16-inch on center on the wall surfaces to receive acoustic system.

C. Fasten 15mm thick StarSilent panels to hat channels.

D. Apply StarSilent Fix to panel edges and over fasteners.

E. Sand over fasteners and panel seams.

F. Apply StarSilent Top Basic over entire surface.

G. Apply StarSilent Top Finish over entire surface and trowel to smooth plaster finish.

3.4 REPAIRS

A. Repair or replace work to eliminate cracks, dents, blisters, buckles, crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed.

3.5 PROTECTION

A. Remove temporary protection and enclosure of other work. Promptly remove acoustic finish material from door frames, windows, and other surfaces not indicated to receive the acoustic finish.

B. Repair floors, walls, and other surfaces stained, marred, or otherwise damaged during the acoustic finish application.

C. Protect the finished acoustic finish system installation after completion from damage by other construction activities.

END OF SECTION 098316

SECTION 098433 - SOUND-DIFFUSING WALL UNITS

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 shop-fabricated, acoustical panel units tested for acoustical performance, including the following:

1. Sound-diffusing wall panels.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include fabric facing, panel edge, core material, and mounting indicated.

B. Shop Drawings: For unit assembly and installation.

1. Include plans, elevations, sections, and mounting devices and details.
2. Include details at panel head, base, joints, and corners; and details at ceiling, floor base, and wall intersections. Indicate panel edge profile and core materials.
3. Include details at cutouts and penetrations for other work.
4. Include direction of fabric weave and pattern matching.

C. Samples for Initial Selection: For each type of fabric facing.

1. Include Samples of hardware and accessories involving color or finish selection.

D. Samples for Verification: For the following products:

1. Fabric: Full-width by approximately 36-inch- (900-mm-) long Sample, but not smaller than required to show complete pattern repeat, from dye lot to be used for the Work, and with specified treatments applied. Mark top and face of fabric.

E. Sample Warranty: For manufacturer's special warranty.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of unit to include in maintenance manuals. Include fabric manufacturers' written cleaning and stain-removal instructions.

B. Warranty Data: Warranty documents to include in maintenance manuals.

1.5 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials from same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Fabric: For each fabric, color, and pattern installed, provide length equal to 10 percent of amount installed, but no fewer than 5 sq. yd. full width of bolt.
2. Mounting Devices: Full-size units, no fewer than five devices, including unopened adhesives.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Comply with fabric and unit manufacturers' written instructions for minimum and maximum temperature and humidity requirements for shipment, storage, and handling.

B. Deliver materials and units in unopened bundles and store in a temperature-controlled dry place with adequate air circulation.

1.7 FIELD CONDITIONS

A. Environmental Limitations: Do not install units until spaces are enclosed and weathertight, wet-work in spaces is complete and dry, work at and above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

B. Field Measurements: Verify unit locations and actual dimensions of openings and penetrations by field measurements before fabrication, and indicate them on Shop Drawings.

1.8 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace units and components that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to the following:

a. Acoustical performance.
b. Fabric sagging, distorting, or releasing from panel edge.
c. Warping of core.

2. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PRODUCTS

Retain option in "Source Limitations" Paragraph below if applicable.

A. Products: Provide one of the following products:

1. Kinetics Noise Control, Inc., Model TAD Panel.
2. RPG Diffusor Systems, Inc., BAD Panel

2.2 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: Units shall comply with "Surface-Burning Characteristics" or "Fire Growth Contribution" Subparagraph below, or both, as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:

1. Surface-Burning Characteristics: Comply with ASTM E 84 or UL 723; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

   a. Flame-Spread Index: 25 or less.
   b. Smoke-Developed Index: 450 or less.

2. Fire Growth Contribution: Comply with acceptance criteria of local code and authorities having jurisdiction when tested according to NFPA 265 Method B Protocol or NFPA 286.

2.3 SOUND-DIFFUSING WALL UNITS

A. Panels:

1. Panel Shape: Flat.
2. Thickness: 1-1/8 inches (28.5 mm).
3. Size: 48 inches (1176 mm) x 48 inches (1176 mm),
4. Core: 1 inch (24.5 mm) thick 5-7 pcf (80 – 112 kg/m3) density fiberglass.
5. Edge Detail: Square hardened with non-resin, Class A hardening solution
6. Impact resistant, 1/8 inch (6 mm) thick hardboard facing laminated to the core. Randomized 1/2 inch (12 mm) diameter hole pattern designed to tune the panel for greater absorption in the 250 to 1000 Hz frequency range while providing increased diffusion of reflected sound relative to a flat surface.
7. Fabric Facing: [100% polyester fabric, FR 701 Style 2100 by Guilford of Maine.
8. Color: As selected from fabric manufacturer’s full range of colors.
9. Sound Absorption (ASTM C423): Noise Reduction Coefficient of 0.75. Absorption coefficients in the 2500 Hz to 5000 Hz frequency range shall not exceed 0.55 at any single 1/3 octave band.
10. Scattering Coefficients per ISO 17497-1, Acoustic Sound Scattering Properties of Surfaces, must average 0.12 or greater for 1/3 octave bands from 800 Hz to 10,000 Hz (1-1/8 inch panel thickness).
11. Mounting Accessories: Manufacturer’s standard mounting hardware.

2.4 FABRICATION

A. Standard Construction: Use manufacturer's standard construction unless otherwise indicated; with facing material applied to face, edges, and back border of dimensionally stable core; and with rigid edges to reinforce panel perimeter against warpage and damage.

B. Edge Hardening: For glass-fiber board cores, chemically harden core edges and areas of core where mounting devices are attached.

C. Facing Material: Apply fabric facing fully covering visible surfaces of unit; with material stretched straight, on the grain, tight, square, and free from puckers, ripples, wrinkles, sags, blisters, seams, adhesive, or other visible distortions or foreign matter.

1. Square Corners: Tailor corners.
2. Fabrics with Directional or Repeating Patterns or Directional Weave: Mark fabric top and attach fabric in same direction so pattern or weave matches in adjacent units.

D. Dimensional Tolerances of Finished Units: Plus or minus 1/16 inch (1.6 mm) for the following:

1. Thickness.
2. Edge straightness.
3. Overall length and width.
4. Squareness from corner to corner.
5. Chords, radii, and diameters.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine fabric, fabricated units, substrates, areas, and conditions for compliance with requirements, installation tolerances, and other conditions affecting unit performance.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install units in locations indicated. Unless otherwise indicated, install units with vertical surfaces and edges plumb, top edges level and in alignment with other units, faces flush, and scribed to fit adjoining work accurately at borders and at penetrations.

B. Comply with manufacturer's written instructions for installation of units using type of mounting devices indicated. Mount units securely to supporting substrate.

C. Align fabric pattern and grain with adjacent units.

3.3 INSTALLATION TOLERANCES

A. Variation from Plumb and Level: Plus or minus 1/16 inch (1.6 mm) in 48 inches (1200 mm), noncumulative.

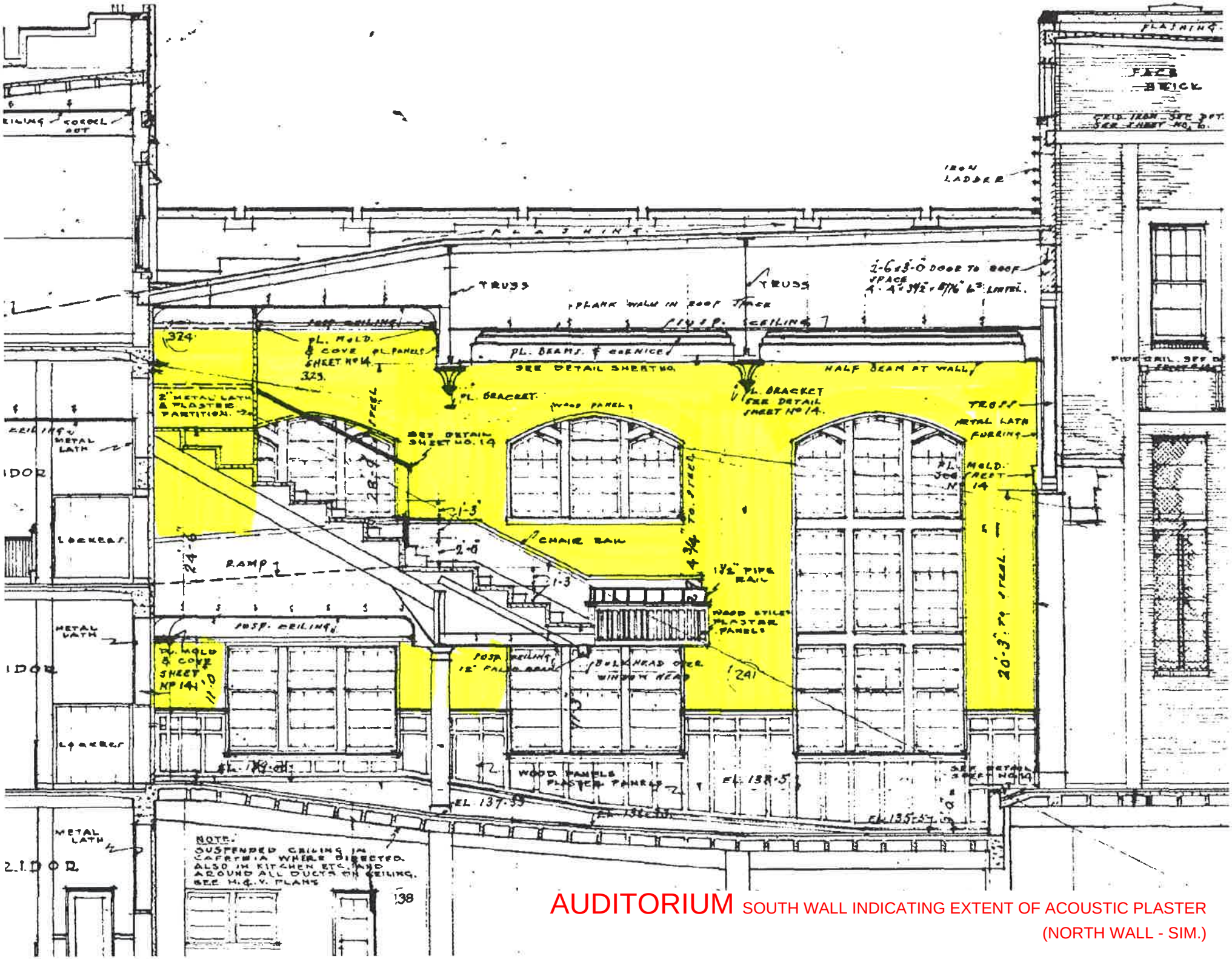
B. Variation of Joint Width: Not more than 1/16-inch (1.6-mm) variation from hairline in 48 inches (1200 mm), noncumulative.

3.4 CLEANING

A. Clip loose threads; remove pills and extraneous materials.

B. Clean panels on completion of installation to remove dust and other foreign materials according to manufacturer's written instructions.

END OF SECTION 098433



AUDITORIUM SOUTH WALL INDICATING EXTENT OF ACOUSTIC PLASTER

(NORTH WALL - SIM.)

SECTION 233813
COMMERCIAL-KITCHEN HOODS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Type 1 Grease extracting hoods

1.02 RELATED REQUIREMENTS

A. Section 114000 - Foodservice Equipment: General provisions for hoods.

B. Section 233100 - HVAC Ducts and Casings: Exhaust and make-up air ducts.

C. Section 233416 - Centrifugal HVAC Fans: Kitchen exhaust fans.

D. Section 262717 - Equipment Wiring: Connections to building power system.

1.03 REFERENCE STANDARDS

A. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2010.

B. NFPA 96 - Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations; 2014.

C. NSF 2 - Food Equipment; 2012.

D. SMACNA (KVS) - Kitchen Ventilation Systems and Food Service Equipment Fabrication and Installation Guidelines; 2001.

E. UL 710 - Standard for Safety for Exhaust Hoods for Commercial Cooking Equipment; Current Edition, Including All Revisions.

F. UL 1046 - Standard for Grease Filters for Exhaust Ducts; Current Edition, Including All Revisions.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings: For each custom fabricated unit, provide drawings showing details of construction, dimensions, and interfaces with adjacent construction.

C. Test Reports for Grease Extracting Hoods: Provide test reports substantiating exhaust volume ratings and grease extraction performance.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications:
   1. For grease extracting hoods, able to provide test data showing performance of hoods to be provided.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Grease Extracting Hoods:
   1. Gaylord Industries.
   2. Avtec.

2.02 HOOD APPLICATIONS

A. Canopy-Style Cooking Hoods Type 1:
   1. Type: Grease extracting type, no water wash.
   2. Exhaust Location: Top.
   3. Make-Up Air: None.

2.03 HOOD CONSTRUCTION

A. Provide products that comply with NFPA 96, the requirements and recommendations of SMACNA Kitchen Ventilation Systems and Food Service Equipment Fabrication and Installation Guidelines, and the requirements of the authorities having jurisdiction.

B. Cooking Hoods: Provide Type I hoods, with all external joints and seams continuously welded, liquid-tight, and all internal joints, seams, and attachments sealed liquid-tight and grease-tight.
   1. Provide fire extinguishing system for all cooking hoods.
   2. Provide complete assemblies listed and labeled by UL under UL 710 for its intended use.
   3. Provide hoods and exhaust ducts rated for zero clearance to combustible construction.
   4. Provide complete assemblies certified and labeled by NSF under NSF 2.

C. Construction: All materials, inside and out, stainless steel complying with ASTM A666, Type 300 series, stretcher leveled; unless otherwise indicated.
   1. Sheet Thickness: 18 gage, 0.048 inch, minimum.
   2. Finish on Surfaces Exposed to View: No.4 (brushed directional); provide stainless steel faces on all sides exposed to view.
   3. Finish on Concealed Surfaces: No.4 or No.2B (dull, matte).
   4. Duct Collars: For exhaust and make-up air openings, provide duct collar welded to hood unit; minimum of 8 inches extension from top or back face of unit, with minimum one inch 90 degree flange, unless otherwise indicated.
   5. Electrical: Run electrical wiring in conduit or raceways, factory pre-wired, with single connection point per hood.
   6. Supports: Stainless steel mounting brackets, struts, and threaded hanger rods.
      a. Hanger Rods: 3/8 inch diameter, minimum.
      b. Hanger Spacing: 48 inches on center, maximum.
      c. Attachment to Structure: Mechanical fittings or inserts, stainless steel.

2.04 GREASE EXTRACTING HOODS

A. Grease Extracting Hoods: Pre-engineered, factory-fabricated standard products; high-velocity centrifugal grease extraction without requiring filters, cartridges, moving parts, removable parts, with grease collected in gutter with removable grease cup, and as specified above.
   1. Performance: Remove 95 percent of extraneous matter in air stream at rated air velocity; provide substantiation.
   2. Grease Cartridges: Stainless steel, washable, complying with UL 1046, UL listed and labeled.
   3. Access Panels: Provide removable panels, with handles, for access to exhaust plenum for cleaning.
   4. Label: Provide permanent label indicating rated exhaust performance.

2.05 HOOD ACCESSORIES

A. Fire Extinguishing System: Comply with NFPA 96.
   1. Type: Wet-chemical type.
   2. Exposed Piping Under Hood: Stainless steel or chrome plated.
   3. Exposed Piping Outside Hood: Not permitted.
   4. Nozzles: Stainless steel or chrome plated brass.
   5. Electrical Components: Provide all components required for properly operating system, including but not limited to wiring, raceways, contactors, circuit breakers, switches and solenoids.
   6. Fire Alarm System: Provide connection point for building fire alarm system capable of signaling system readiness and to generate signal when system is actuated.
   7. Manual Actuators: Wall-mounted pull stations; provide one near each hood and one near exit door.

B. Controls:
   1. Fans: Provide Autostart controls for fan operation based upon usage of the hood.

2. Cooking Equipment: Provide manual shutoff and reset button located where indicated; combine with fire extinguishing actuation.
3. Fire Extinguishing System: Provide automatic actuation complying with NFPA 96; provide local and remote manual actuating stations clearly labeled "Hood Fire Protection"; upon actuation of fire extinguishing system, automatically:
    a. Shut off fans serving that hood.
    b. Shut off fuel source to equipment under hood; actuate solenoid gas valves provided as part of gas piping work.
    c. Shut off electric power to equipment under hood; actuate contactors or switches provided as part of electrical work.
    d. Signal building fire alarm system; normally-open contacts.

C. Lights Inside Hoods: Fluorescent in quantity and locations indicated, in UL listed vapor-proof fixtures, pre-wired to junction box on top of hood.

D. Grease Filters: Stainless steel, washable, complying with UL 1046, UL listed and labeled;

E. Exhaust Ducts: 16 gage, 0.058 inch steel, ASTM A 653 or 18 gage, 0.048 inch stainless steel sheet, ASTM A 666; with external seams weld continuously, liquid-tight; see drawings for extent, location and size of exhaust ducts. Provide fire wrap insulation around duct for zero clearance installation as allowed by local authority having jurisdition.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that overhead supports are installed in correct locations.

B. Do not begin installation until substrates have been properly prepared.

C. If substrate preparation is the responsibility of another installer, notify Engineer of unsatisfactory preparation before proceeding.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions and NFPA 96.

B. Install hoods level and plumb, securely fastened, with seismic restraints as specified, and free of vibration during normal operation.

C. Weld hood duct collars to ductwork, liquid-tight.

D. Connect to utilities.

3.03 SYSTEM STARTUP

A. Obtain the services of the manufacturer's representative experienced in the installation, adjustment, and operation of the equipment to supervise the starting and adjusting of equipment.

B. Prepare equipment for startup, start and operate equipment for sufficient period to verify proper operation; correct equipment not operating correctly.

C. Demonstrate operation to Owner's designated personnel.

D. Report deficiencies in writing to Engineer.

3.04 CLOSEOUT ACTIVITIES

A. Conduct training of Owner's designated personnel in the operation and maintenance of equipment.

B. Perform at least 2 hours of training, for minimum of 2 people, at project site.

C. Have operation and maintenance data on hand for training sessions.

3.05 CLEANING

A. Clean surfaces of equipment.

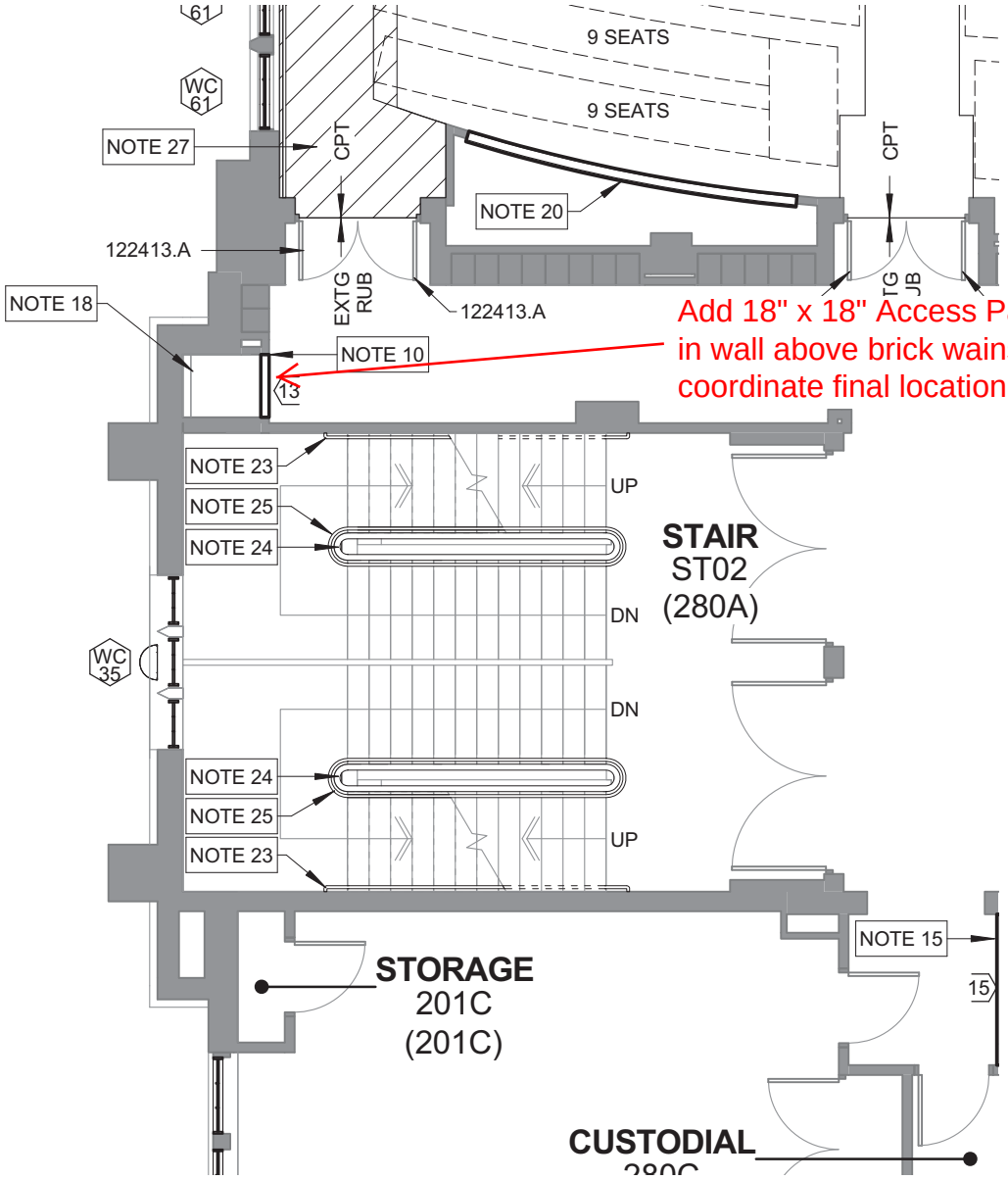
3.06 PROTECTION

A. Clean surfaces of equipment.

B. Protect installed products until completion of project.

C. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

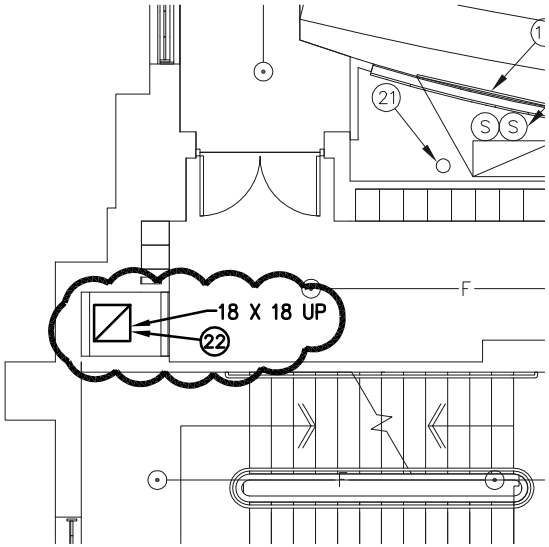


A2.2B Second Floor - Area B

(A2.3B - SIMILAR)

(#) SHEET NOTES

22. EXTEND 18 X 18 GREASE DUCT UP THROUGH SECOND FLOOR. PROVIDE DUCT WRAP AS REQUIRED FOR ZERO CLEARANCE. INSTALL ACCESS DOOR FOR DUCTWORK INSPECTION AS REQUIRED BY IMC/NFPA.



IRVING MIDDLE SCHOOL
IAQ IMPROVEMENTS
SECOND FLOOR PLAN - HVAC

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

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ETI Project No: (2014-070)

ADD # 2

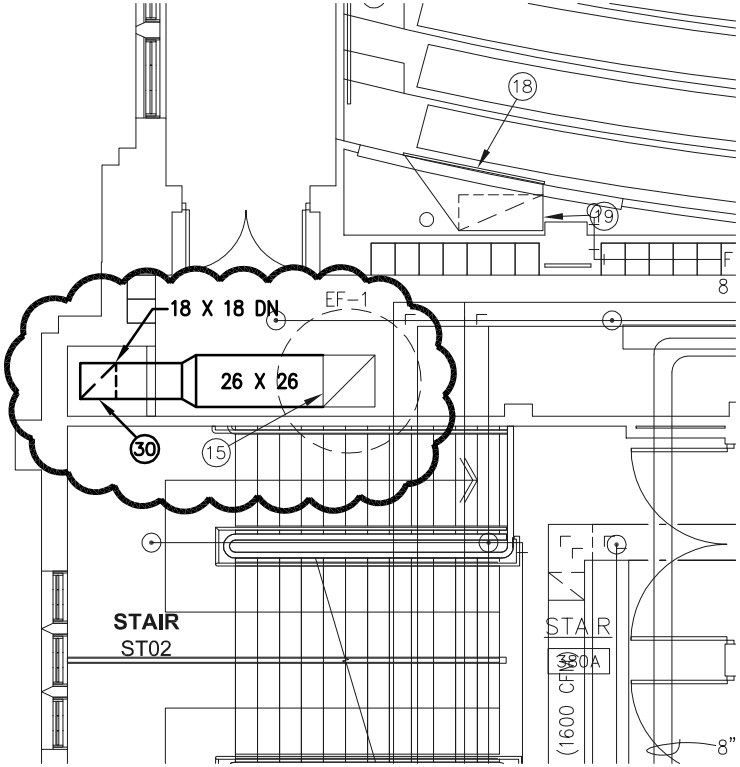
SHEET
M3.2B

ATTACHMENT NO.
M1

01/22/2015

(#) SHEET NOTES

30. EXTEND 18 X 18 GREASE DUCT DOWN TO SECOND FLOOR. PROVIDE DUCT WRAP AS REQUIRED TO MAINTAIN ZERO CLEARANCE. PROVIDE ACCESS DOOR AS REQUIRED PER IMC/NFPA.



IRVING MIDDLE SCHOOL
IAQ IMPROVEMENTS
THIRD FLOOR PLAN - HVAC

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

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ADD # 2

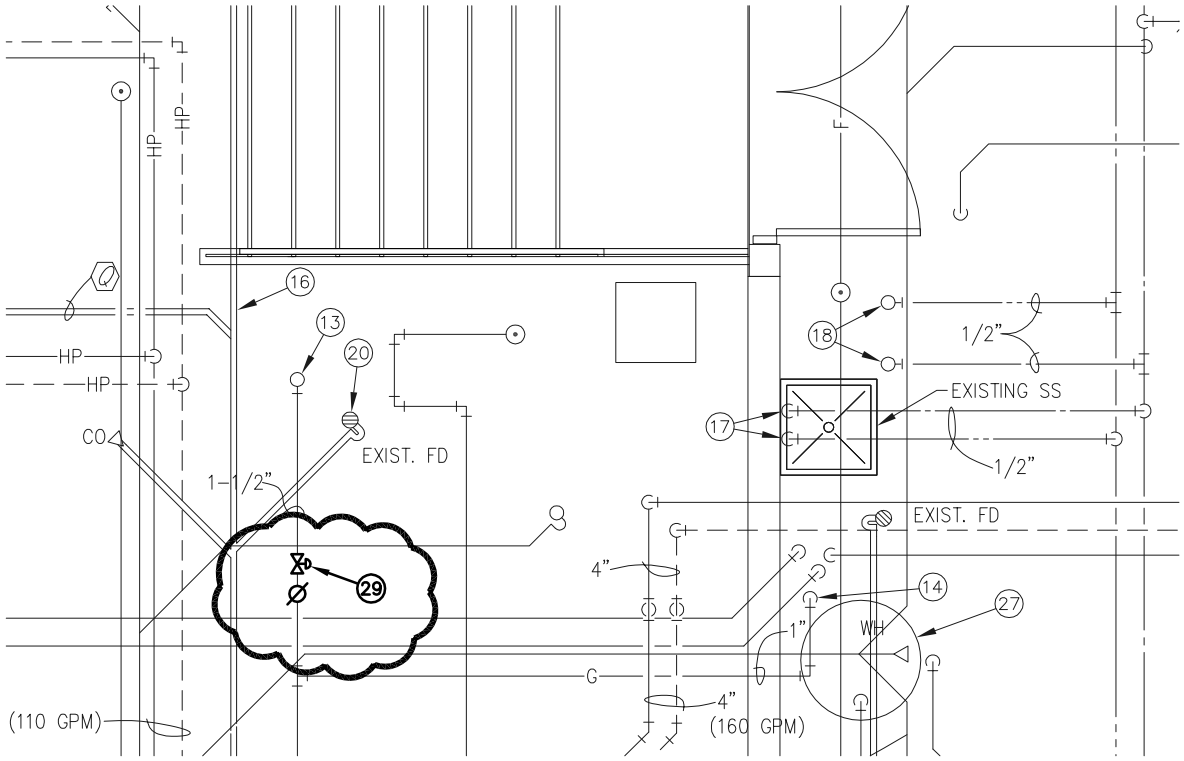
SHEET
M3.3B

ATTACHMENT NO.
M1

01/22/2015

(#) SHEET NOTES

29. PROVIDE SOLENOID VALVE ON 1-1/2" GAS LINE UP TO COOKING EQUIP. UNDER KITCHEN HOOD (KH-1). SOLENOID VALVE TO BE INTERCONNECTED TO EMERGENCY SHUT DOWN.



IRVING MIDDLE SCHOOL
IAQ IMPROVEMENTS
STORAGE - MECHANICAL

SCALE: 1/4" = 1'-0"

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ADD # 2

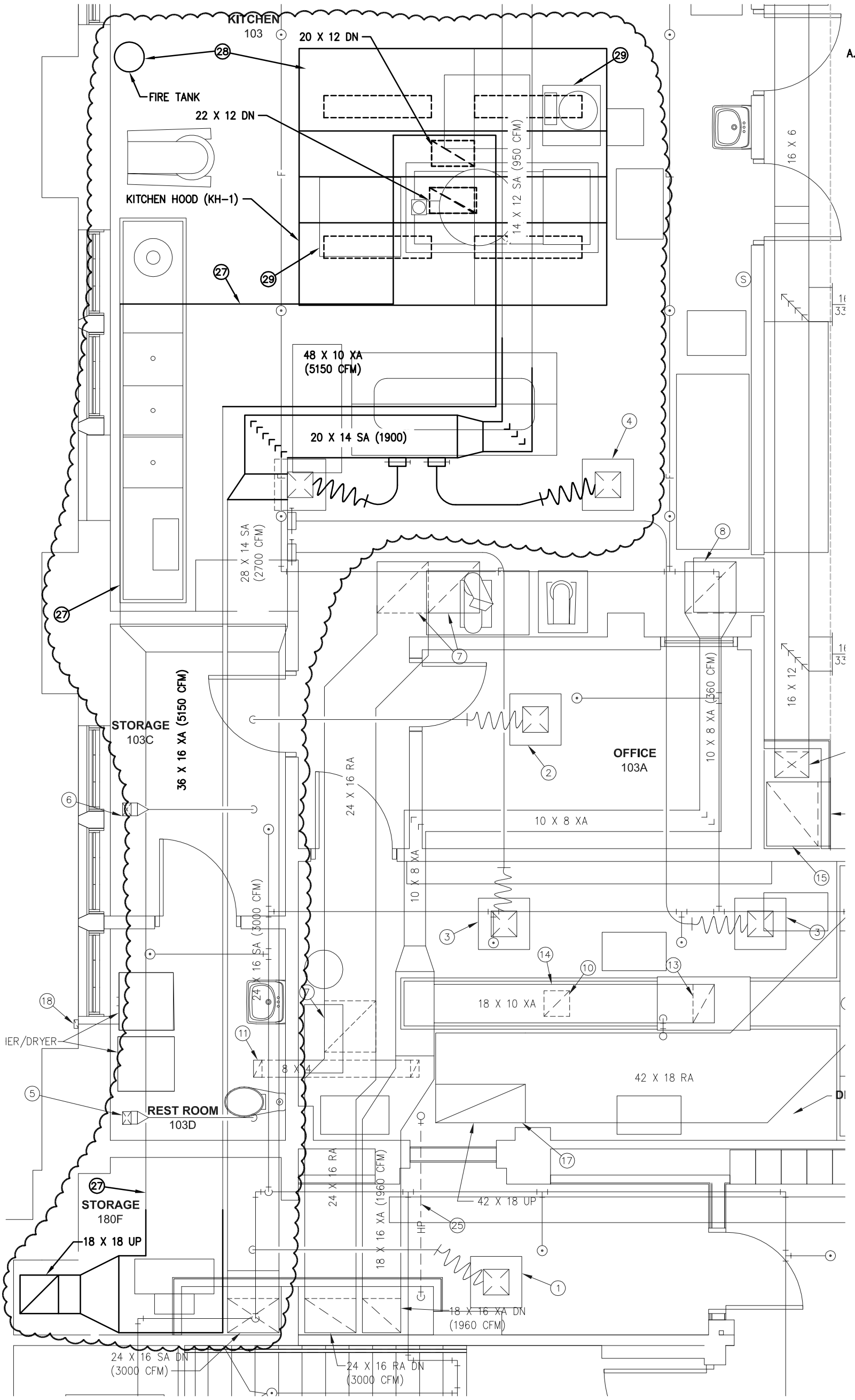
SHEET
M4.6

ATTACHMENT NO.
M1

01/22/2015

ⓗ SHEET NOTES

27. PROVIDE DUCT WRAP AS REQUIRED TO MAINTAIN ZERO CLEARANCE FOR GREASE DUCT, SLOPE DUCT AS REQUIRED. PROVIDE ACCESS DOOR AS REQUIRED PER IMC/NFPA.
28. PROVIDE FIRE SUPPRESSION SYSTEM FOR KITCHEN HOOD. VERIFY LOCATION OF TANK WITH OWNER.
29. DISCONNECT ELECT/GAS/WATER/DRAINS FROM EXISTING EQUIPMENT. GENERAL CONTRACTOR TO MOVE EQUIPMENT TO CAFETERIA WHILE WORK IS ONGOING AND MOVE BACK AND RECONNECT AFTER WORK IS COMPLETE.



GENERAL NOTES

A. VERIFY CEILING HEIGHT WITH EXHAUST DUCT INSTALLATION. INSTALL CEILING AS HIGH AS POSSIBLE.

IRVING MIDDLE SCHOOL
IAQ IMPROVEMENTS
KITCHEN - HVAC

SCALE: 1/4" = 1'-0"

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ADD # 2

SHEET
M4.9

ATTACHMENT NO.
M1

01/22/2015

EXHAUST FAN SCHEDULE

MK	TYPE	CFM	S.P. IN W.G.	MOTOR DATA					ROOF, WALL OR CLG. MOUNTED	GREENHECK MODEL #	AREA SERVED
				HP	VOLT	PH	RPM	SONES			
EF-1	BELT DRIVE	5,150	2.0	3	208	3	1190	22.0	ROOF	240HP-30	KITCHEN HOOD
EF-2	DIRECT DRIVE	100	0.13	FRAC.	120	1	950	1.5	CEILING	SP-B110	DATA 100E
EF-3	DIRECT DRIVE	480	0.5	1/6	120	1	1750	–	ROOF	EXISTING	ELEVATOR EQUIP.
EF-4	DIRECT DRIVE	940	0.5	1/3	120	1	1580	–	ROOF	EXISTING	FUME HOOD
EF-5	DIRECT DRIVE	940	0.5	1/3	120	1	1580	–	ROOF	EXISTING	FUME HOOD
EF-6	DIRECT DRIVE	500	0.625	1/4	120	1	1750	–	ROOF	EXISTING	KILN
EF-7	DIRECT DRIVE	500	0.625	1/4	120	1	1750	–	ROOF	EXISTING	KILN
EF-8	DIRECT DRIVE	200	0.20	FRAC.	120	1	900	2.0	CEILING	SP-A200	STORAGE 190
EF-9	DIRECT DRIVE	2,000	1.0	3/4	208	1	1500	14.8	IN-LINE	SQ-140-VG/D	TUNNEL

EXHAUST FAN SCHEDULE NOTES:

1. ALL NEW FANS SHALL HAVE A DISCONNECT SWITCH.
2. EF-1 SHALL HAVE A MINIMUM 40" DISCHARGE HEIGHT, GREASE KIT, AND ROOF CURB.
3. EF-3 THROUGH EF-7 ARE EXISTING AND SHALL BE CONNECTED INTO BMS.
4. EF-8 SHALL HAVE A WC-6 WALL CAP.
5. EF-2, EF-8 & EF-9 SHALL HAVE A BACKDRAFT DAMPER

MECHANICAL EQUIPMENT SCHEDULE

1. KITCHEN HOOD (KH-1): (2) 144" LONG X 60" WIDE, X 24" TALL, TYPE 1 HOOD CANOPY STYLE, 2575 CFM EACH (5150 CFM TOTAL) AT 0.43" E.S.P., DUCT COLLAR (VERIFY SIZE ON PLANS), 18 GAUGE 304 SERIES STAINLESS STEEL CONSTRUCTION. (2) 4' FLORESCENT LIGHTS. PROVIDE ANSUL FIRE PROTECTION SYSTEM AS REQUIRED. PROVIDE EXHAUST FAN AUTOSTART SENSORS AS REQUIRED. GAYLORD EL-DD-BB-S-SS OR EQUAL.

IRVING MIDDLE SCHOOL
IAQ IMPROVEMENTS
SCHEDULES

SCALE: NO SCALE | TLD

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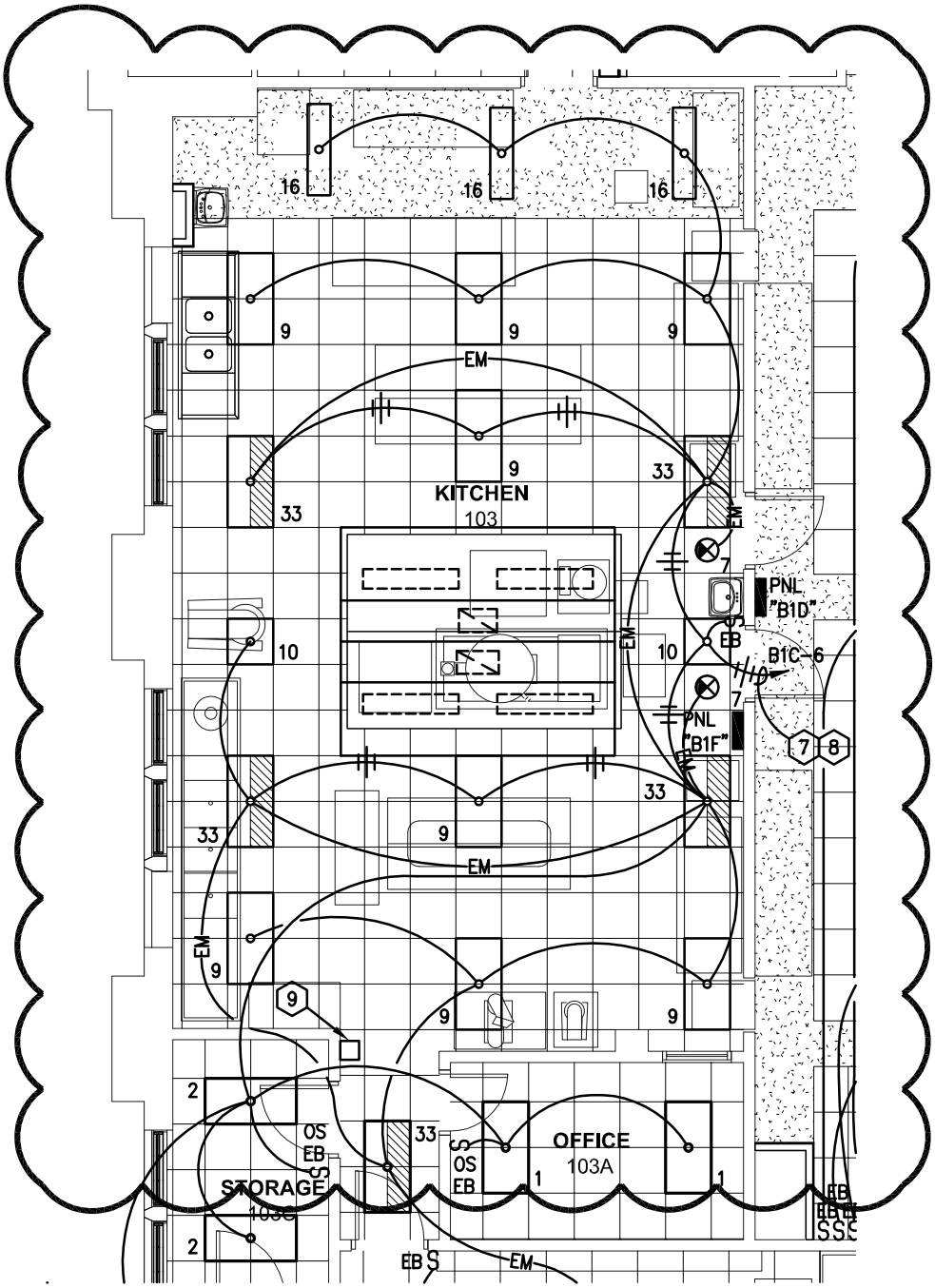
ADD # 2
SHEET M5.0
ATTACHMENT NO. M1
01/22/2015



IRVING MIDDLE SCHOOL
IAQ - FIRST FLOOR AREA B - LIGHTING

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

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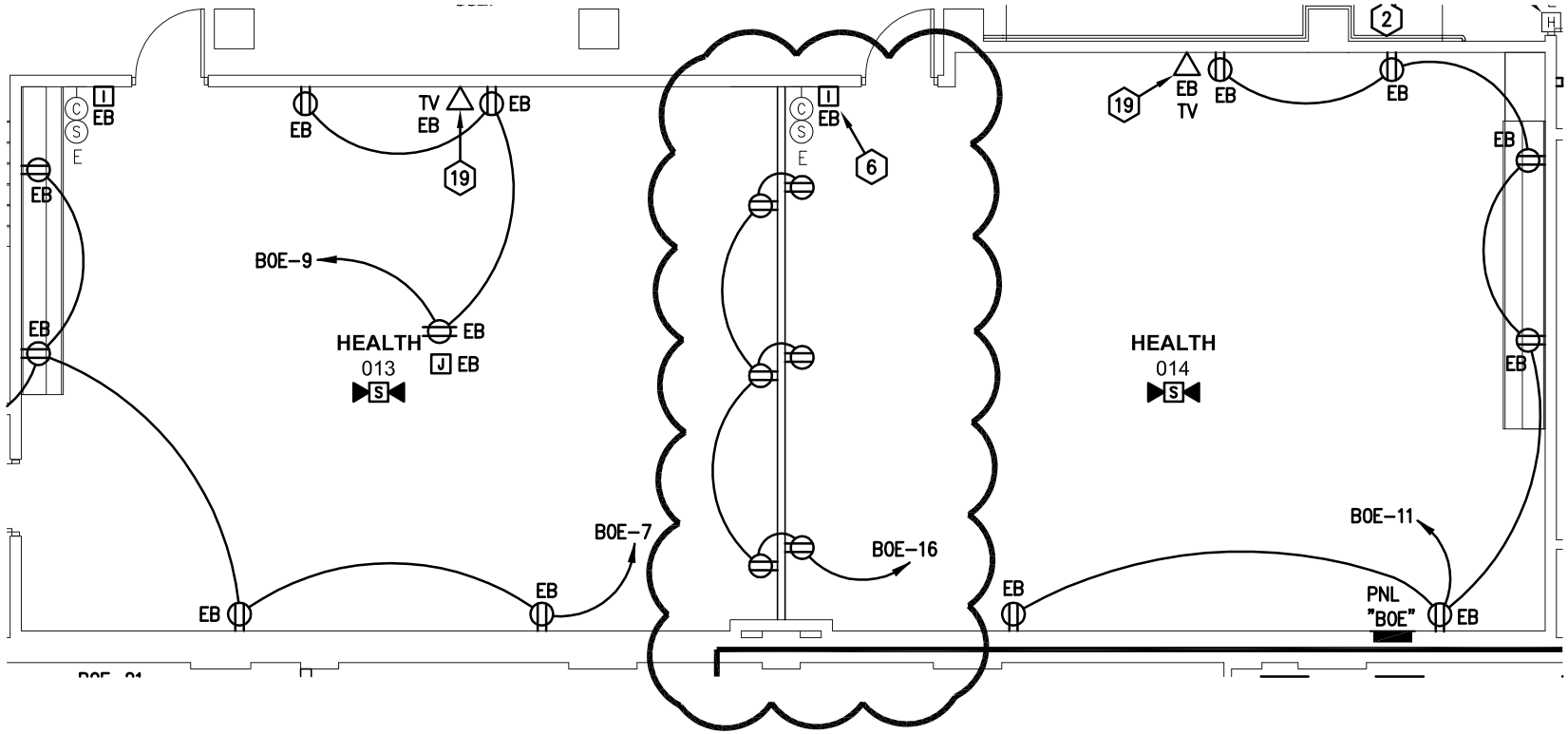
ADD #2

SHEET
E2.1B

ATTACHMENT NO.
1

01/22/15



IRVING MIDDLE SCHOOL IAQ
GROUND FLOOR AREA "B" - ELECTRICAL

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

TSK

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ADD#2

SHEET
E3.0B

ATTACHMENT NO.
1

01/22/15