

Addendum #2

Issued March 7, 2025

The following information changes the competitive process documents issued on February 18, 2025.

CLARIFICATIONS

Item 1: Refer to appended architectural addendum No. 1 (13 pages), prepared by Amra J Achitects Inc. and dated March 6, 2025.

Item 2: Refer to 2025-137-P02085 RFT Franklin Road Music, Corridor and Washroom Renovation Project Addendum #1, Issued Tuesday February 25th, 2025. REMOVE AND REPLACE The response to Question 4 with the below.

Q4 Please confirm if the Winning bid to be considered will be based on total price including seperate price or just the base bid?

R4 The contract award will be based on the lowest compliant base bid.

GENERAL INFORMATION

Item 1: Refer to RFT Document, Introduction and Project Details
REMOVE and REPLACE Section 1.5 Project Schedule with below:

1.5 PROJECT SCHEDULE

1. The Successful Bidder will adhere to section GC 3.4 in regard to milestone dates set below.

2. The following are Project milestone dates:

- | | |
|---|---------------------------------------|
| a) Tender Issued | Tuesday February 18, 2025. |
| b) Site Walkthrough at 3:30 pm | Thursday February 20, 2025 |
| c) Closing for Questions | Tuesday March, 4, 2025. |
| d) Tender Closing on or before 2:00 PM | Thursday March 20, 2025 |
| e) Anticipated Construction Commencement | Monday, June 30 th , 2025. |
| f) Substantial Performance | Friday April 3 rd , 2026. |
| g) Ready-for-Takeover | Friday April 10 th , 2026. |

3. Project Phasing

a) Phase 1 (Base Price): Monday June 30th, 2025 to Friday October 17th, 2025 except for Corridors.

- i. Corridors: To be complete by Friday August 22nd, 2025.**
- ii. Music Room
- iii. Student Washrooms 128 and 146
- iv. New Staff Washrooms 128B and 146B

b) Phase 2 (Separate Price No. 1): Monday October 20th, 2025 to Friday January 9th, 2026.

- i. Student Washrooms 114 and 120
- ii. Staff Washrooms 121 and 123
- iii. Storage Room 124
- c) Phase 3 (Separate Price No. 2): Monday January 12th, 2026 to Friday April 3rd, 2026.
 - i. Student Washrooms 134 and 135

Item 2: Refer to RFT Document, Bid Forms.
REMOVE and REPLACE Schedule of Prices with below:

SCHEDULE OF PRICES - ALTERNATIVE PRICES

☐ Form Intentionally left blank, delete from bidsandtenders

Instructions:

Alternative prices are NOT to be included in the Total Contract Price. Alternative Prices include all costs related to materials, labour, equipment, delivery and handling, statutory charges, overhead, profit, other related charges, and exclusive of all Value Added Taxes. The Board reserves the right to ADD or DELETE any alternative items specified to the Total Contract Price, at the price quoted by the Bidder herein.

Additional Instructions, if required:

Refer to phasing diagrams on drawing A0.01, A1.00 and A2.0.

Form Details (copy & paste into bidsandtenders form):

	Line Item	DESCRIPTION	ADD/DELETE*	PRICE*
1	1	<ul style="list-style-type: none"> Student Washrooms 114 and 120 Staff Washrooms 121 and 123 Storage Room 124 	ADD	\$
2	2	<ul style="list-style-type: none"> Student Washrooms 134 and 135 	ADD	\$

QUESTIONS AND RESPONSES

- Q1 Please provide the mandatory base building contractors' contact info, like BAS, Fire Alarm.
- R1 Refer to 2025-137-P02085 RFT Franklin Road Music, Corridor and Washroom Renovation Project Addendum #1, Issued Tuesday February 25th, 2025 Question and Repsonse No. 3 for HWDSB pre-approved fire alarm control and testing service provider required for fire verification.

End of Addendum #2

Project No.: 24-21

Date: March 06, 2025

Project: Hamilton-Wentworth District School Board
REFERENCE NO. 2025-137-P02085
Franklin Road Music Corridors and Washroom Renovation

The following information supplements and/or supersedes the bid documents issued on February 18, 2025.

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the bidder to disqualification.

1. INTENT

- 1.1. This Addendum is issued prior to receipt of Bid to provide clarifications and revisions to the Drawings and Specifications. The following additional instructions shall apply to and govern the Bid Documents.

2. SPECIFICATIONS

- 2.1. Section 08 11 13, Hollow Metal Doors And Frames
2.1 MANUFACTURERS
REPLACE 2.1.1.6. with "All Steel Doors, 2000 Limited,
<http://www.allsteeldoors.ca/home.html>"

3. DRAWINGS

- 3.1. Drawing A0.01, Furring Wall Schedule – F2:
Replace 38 mm furring channels with 64 mm steel studs
- 3.2. Drawing A2.00 – Room Finish Schedule
ADD Note: Ceramic tiles wall finish to be 1,800 mm high.
- 3.3. Drawings A2.01, A2.03, A2.04, A2.05 – Floor Plans
Refer to the **attached** Sketch SK AD-01 for the General Tile Pattern Layout.
Applicable to all washrooms with tile floor finish.
- 3.4. Drawings A2.01 – DOOR SCHEDULE
Door # D123: Add: Modify existing door as required for new floor tile finish

4. QUESTIONS AND ANSWERS

Q1. We have both quoted and supplied HWDSB with Toilet Partitions. Please advise on process to submit specifications for review and be included within the project.

R1. Please resubmit your question with full specifications of the proposed product AND a table demonstrating the equivalency of the proposed product to the originally specified product, detailing size, materials and components.

Q2. Just wanted some clarification on base bid and separate price. On drawing A1.00 room 134 & 135 are in base bid (yellow highlighted) while on drawing A2.00 same rooms are required separate price 1. There are same conflict for room 128 & 146.

*R2. Change "Separate Price" to **Alternate Price** to reflect following:*
a. Base Bid: Music Room 104, Corridors and washrooms 128 & 146
b. Alternate Price 1: Washrooms 114, 120, 121 & 123, Storage 124
c. Alternate Price 2: Washrooms 134 & 135
Refer to the attached SK-02 AD-01.
Alternate prices for noted areas to apply to ALL disciplines

Q3. We do not see a set of structural drawings. Is there any masonry reinforcement required? Such as grouting and rebar? Please clarify.

R3. We are not affecting any structural walls. All nonstructural walls should have heavy duty truss type reinforcement every second block course. Vertical reinforcing is not required. Add the following note:

- GROUT SHALL CONSIST OF ON ONE PART PORTLAND CEMENT, THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE 3/8") WITH WATER TO PROVIDE A MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 8" TO 10".
- ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID.
- THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200 PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAKE BACK ENDS OF UNFINISHED WALLS.
- ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF 1/4" IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF 3/4". THE BED JOINTS SHALL BE 3/8".
- PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.

Q4. Are the OWA and GS Acoustics wall and ceiling products by Spectra-Con Group Inc. acceptable alternates to CGC and Avanti?

Please attach links below.

https://spectracon1-my.sharepoint.com/:b:/g/personal/thomasstratan_spectra-con_com/EbPVtl36u31KrVDpAhCr1mABjdRdbdEyrOs6yjdjZFMpmjA

https://spectracon1-my.sharepoint.com/:b:/g/personal/thomasstratan_spectra-con_com/EQbDp01DFUpJj4UTKUfaZKYB0BffGS6ZBcxT6WaH_auObg

Request for Substitution - OWA_CGC_Franklin.pdf

Request for Substitution -G&S_Avanti_Franklin.pdf

R4. Proposed alternatives are acceptable

Q5. Reference; Hazardous Material - Do you have a DSS report on the Hazardous Materials

R5. Refer to the Specifications, Division 01, Section 0300 Available Project Information

5. MECHANICAL/ELECTRICAL ADDENDUM

5.1. Attached are Mechanical and Electrical Addenda:


5.1.1. E&M Addendum #1 – 7 pages

END OF ADDENDUM #1


PROPOSED WASHROOM TILES

PORCELAIN TILE: ACCADEMIA FULL BODY PORCELAIN TILE BY ARIOSTEA.
12X24 & 24X24 FORMAT TILES, 10mm THICK.

MAINFIELD TILES




BELLINI



VERONESE

PERIMETER TILE



CANALETTO

The floor plan for the Boys Washroom 114 shows a rectangular room with a checkered tile pattern. The room is 4880 units wide and 3850 units high. It contains several urinals and sinks. The room is adjacent to an EX CORRIDOR 102 on the left, EX STORAGE 112A on the top right, and EX MECH. ROOM 115 on the bottom right. Dimensions are provided for various sections: 5299 for the corridor, 610 for the storage area, 1090 for the corridor width, 3050 for the main room width, and 7086 for the total width including the corridor. The room is labeled BOYS WASHROOM 114.

BOYS WASHROOM 114 FLOOR PLAN

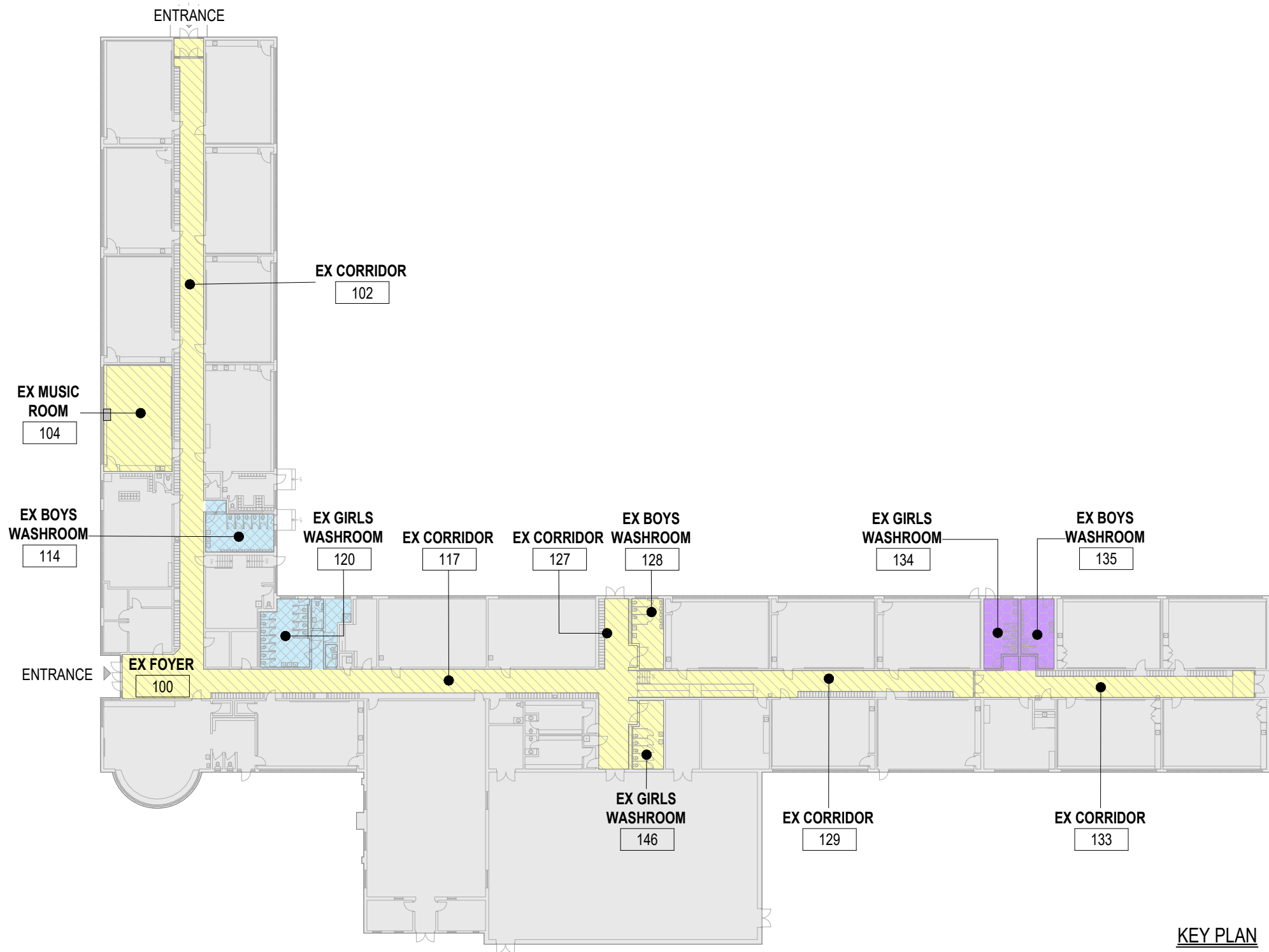
SCALE: 1 : 50

HWDSB - FRANKLIN RD. ELEMENTARY SCHOOL

GENERAL FLOOR TILE LAYOUT

SCALE: 1 : 50
DATE: 02/27/25

SK-01 AD-01



PHASING LEGEND

	BASE BID
	ALTERNATE PRICE 1
	ALTERNATE PRICE 2

KEY PLAN
SCALE: 1:500

Addendum No. 1

E&M Project No.: 24076

Project: HWDSB-P02085 – Franklin Road ES Renovation

Date: March 6, 2025

Prepared By: E&M Consulting Engineers Inc.

Requirements:

The addendum forms part of the Contract Documents and amends the original Specifications and Drawings, as noted below.

Ensure that all parties submitting bids are aware of all items included in this Addendum.

This Addendum consists of 3 page(s) and Appendix Mech-Add-1.

Responses to Questions

Items	Questions	Responses
1.	Please confirm if the WAP identified in detail 3 on E0-02 is existing to remain or if it is new requiring a new CAT6 cable.	There's no E0-02 drawing in the electrical tender drawings. Please re-submit the question with the correct drawing number. If you mean E2-01 drawing it's a new WAP requiring new CAT6 cable.
2	Please provide specifications including make & model of the existing wall fin heaters that we are to relocate.	It's a recessed 72"x26" type RGW 12MBH hydronic heater. See attached record drawings and photos.
3	Please provide contact information for the base-building BAS contractor for this project.	Devin Cousineau Account Executive – Convergent Mobile: 519-281-9132 mailto : Devin.Cousineau@convergent.com

Addendum No. 1

Project Name: HWDSB-P02085 -Franklin Road ES Renovation

E&M Project No.24076

Date: February 28, 2025

4	Can you confirm what type of fire alarm panel is existing?	Refer to spec item 13.1 on drawing E4-00. It is a Simplex 4010 series panel.
5	Can you confirm if third-party fire alarm verification and Integrated System Testing are required?	Yes
6	Can you clarify if there will be multiple fire alarm verifications needed (one for occupancy before school opens and any others needed during phasing and substantial completion)?	Fire alarm verification is required for each phase only once. Due to deficiencies or uncompleted work re-verifications may be required and shall be considered in the tender price.
7	Will there be an IT contractor involved in the demolition process to take care of data cable demo and/or relocation?	No third party IT contractor retained by the owner. The demolition of IT work shall be done by the bidder with own IT contractor.
8	The spec's mention to make sure all existing cable that needs to be relocated up into the new ceiling space must be plenum rated, can you clarify who will be responsible if the existing data, phone, security, or BAS cables are not plenum rated?	Assume existing cables are rated for the application.
9	Communications: - Please confirm if the WAP identified in detail 3 on E0-02 is existing to remain or if it is new requiring a new CAT6 cable. Acoustics: I noticed a discrepancy in the spec (page 369 of 416) compared to drawing #A2.02rev1. Dimension for acoustical ceiling panel for the Music room states 24x24, however the drawing shows 24x48 (C2).	Refer to Addendum #1 – Item #1
10	Please provide scope of air balancing and provide full mechanical as-built plan showing what duct and equipment is involved for balancing.	128A, 128B, 134, 135, 146A, 146B entire fan and duct system. For the rest of the duct areas see highlights on M2-00
11	Please confirm if the WAP identified in detail 3 on E0-02 is existing to remain or if it is new requiring a new CAT6 cable.	See item #9

Addendum No. 1

Project Name: HWDSB-P02085 -Franklin Road ES Renovation

E&M Project No.24076

Date: February 28, 2025

12	During the site walkthrough, the relocation of the low voltage cabling was discussed and about how the existing cabling may not be long enough to relocate. Can it be confirmed that relocation of the existing cabling is how this project is to be bid? Should there be a cash allowance that will cover cable replacement if necessary?	The intent is to install all such existing cables in ceiling space. If they are not rated for a plenum, then it will be addressed by an instruction at that time.
13	There is a note on the drawings which states that the new ceiling space is to be a return air plenum. Can it be confirmed that all of the existing to be relocated low voltage cabling is FT6 Rated?	See response to above question#12
14	Please provide the mandatory base building contractors' contact info, like BAS, Fire Alarm.	For the current BAS supplier, see addendum#1. Refer to specification item 13.1 on drawing E4-00 for fire alarm maintenance company info. There are no mandatory base build contractors specified.
15	In the existing custodian room 124 there shows to be a LMSW-210 Scene switch for the lighting controls. Since this room is a custodian room can this switch be a simple toggle type to work with a basic power pack?	No. It shall be as specified.
16	Is the bottle filler receptacle required to be a GFCI-type receptacle?	Change bottle fillers to be direct power connections and the circuit breakers in panels (Panel W: cct#32 & Panel X cct#37) feeding them to be GFCI (6mA).
17	In the music room we are to rough in a 2-inch EMT conduit for the new smart board but the current furring channel to be installed on this wall is not a sufficient depth to recess this new conduit. Please advise how we are to rough in this new conduit for the smart board?	See architectural response.



GIRLS

NO SMOKING

NO KEEPS





EXIT

EXIT
G

Emergency Procedures
If you detect fire, smoke, or a fire alarm, call 911.
If you hear the fire alarm, call 911.

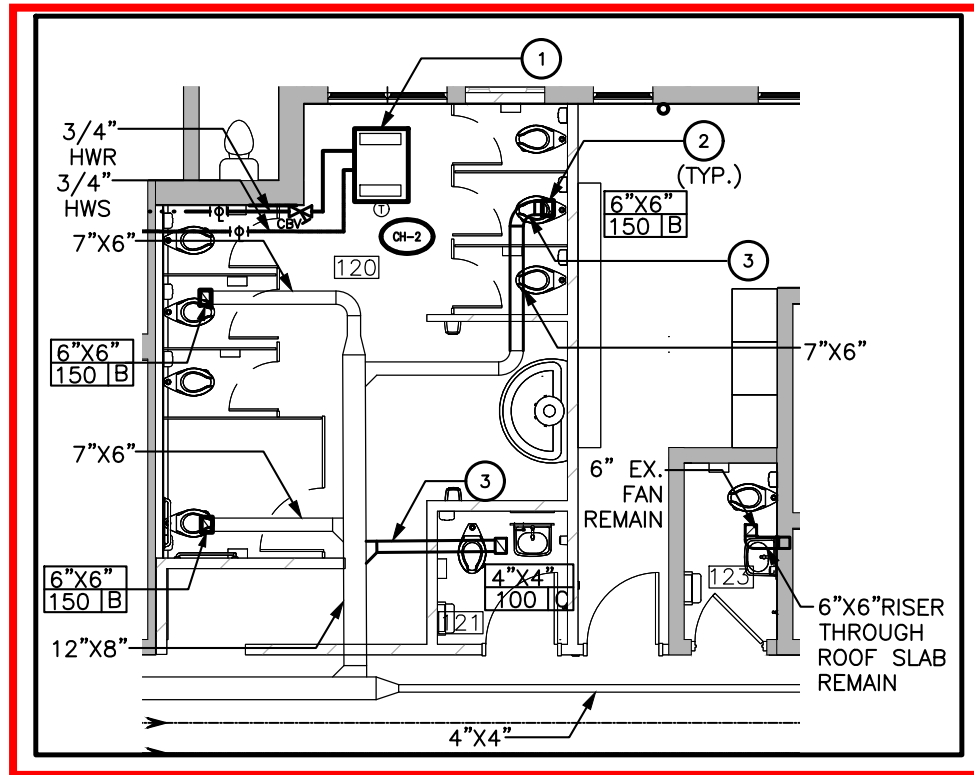
Handwashing
Wash hands with soap and water for 20 seconds.

Handwashing
Wash hands with soap and water for 20 seconds.

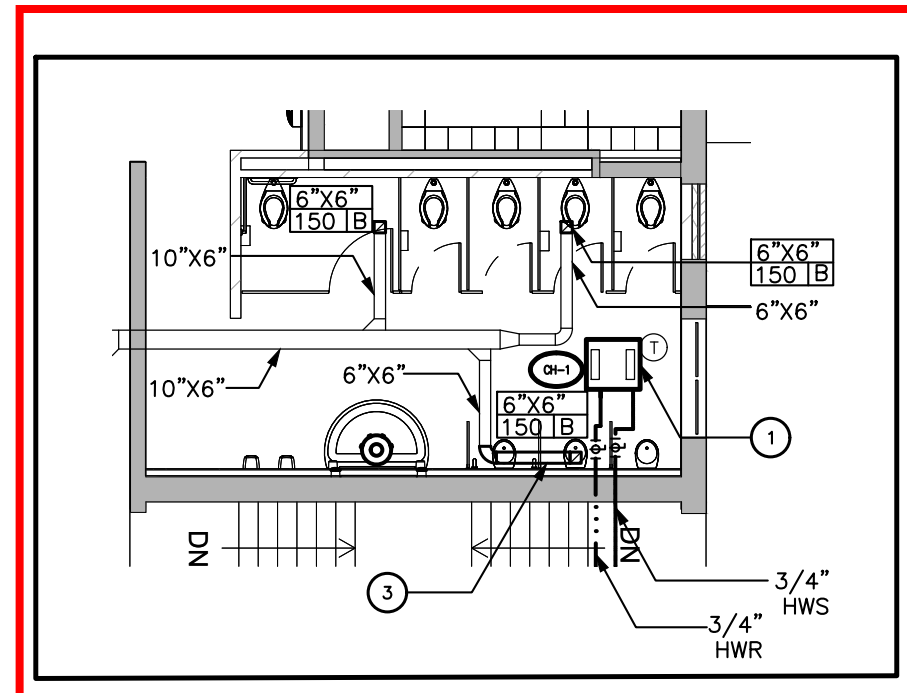
Handwashing
Wash hands with soap and water for 20 seconds.

Handwashing
Cough or sneeze into your elbow.

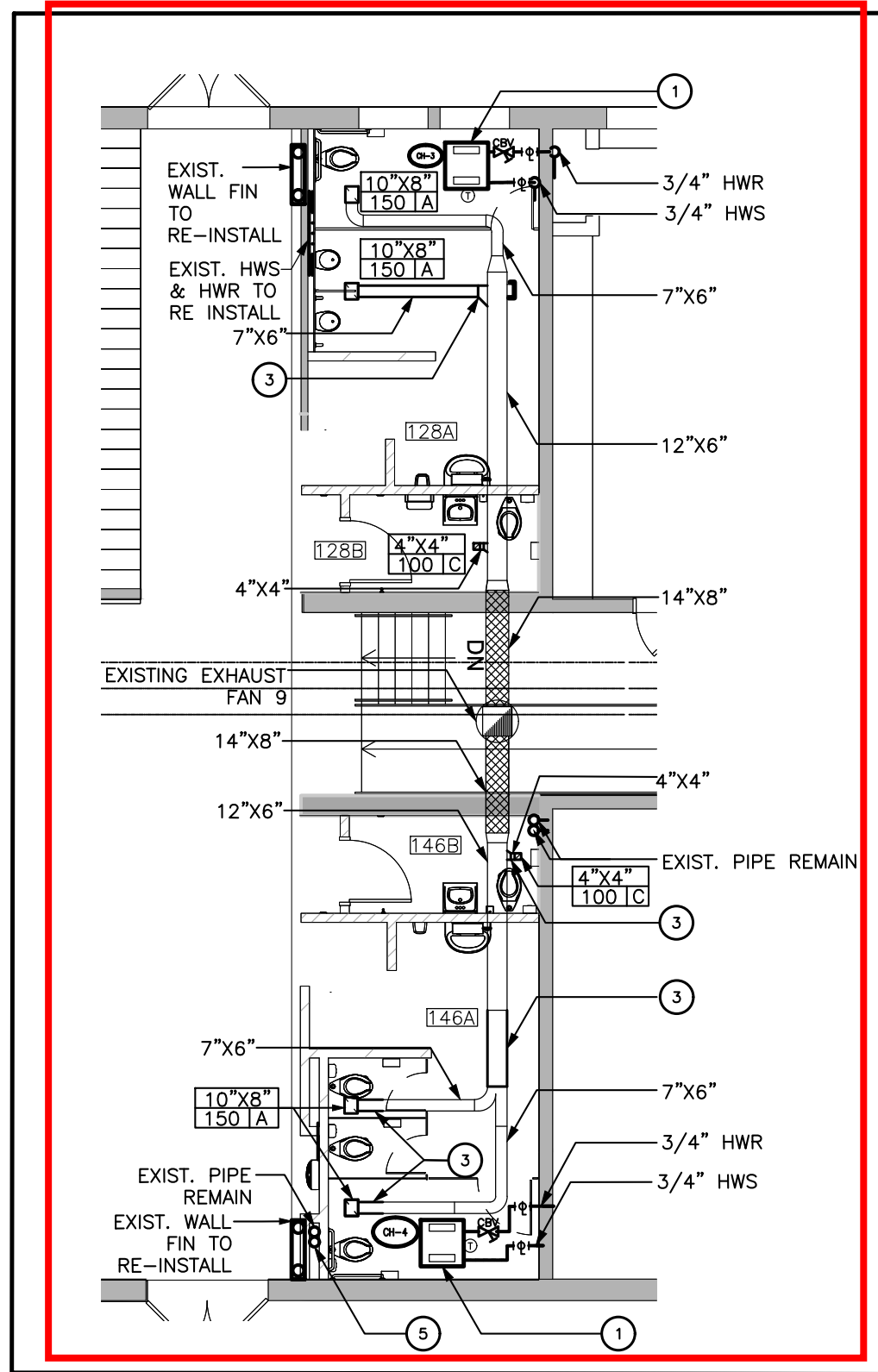
AIR AND WATER BALANCING REQUIRED IN ALL THESE HIGHLIGHTED WASHROOMS



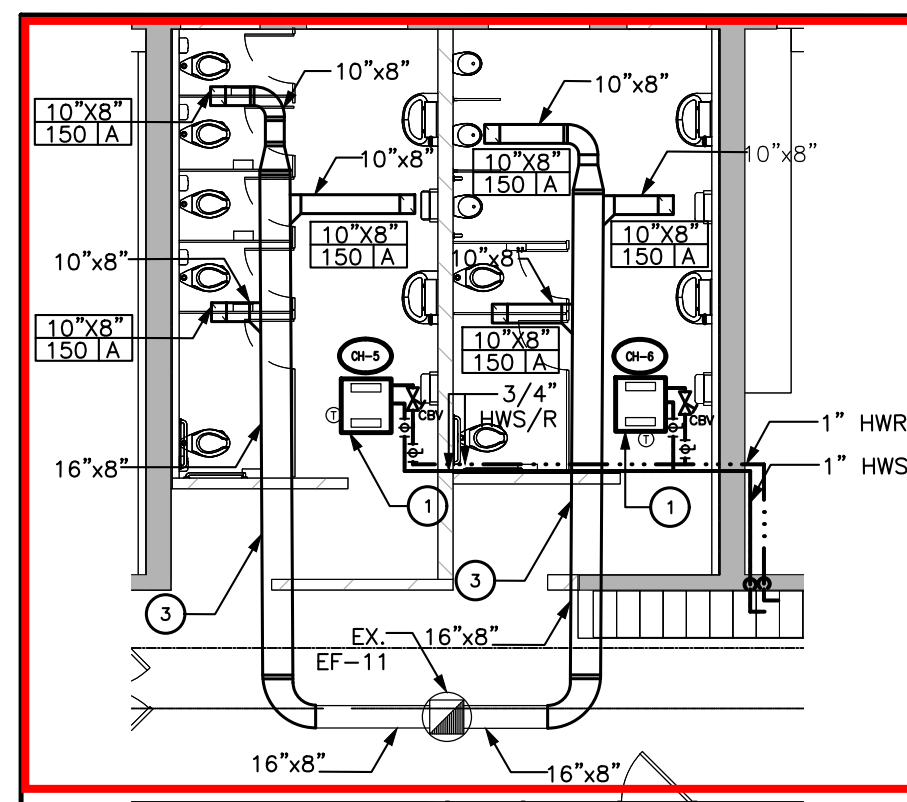
3 HEATING & VENTILATION-
GIRLS W/ROOM(120/121/123)
SCALE- 1:100



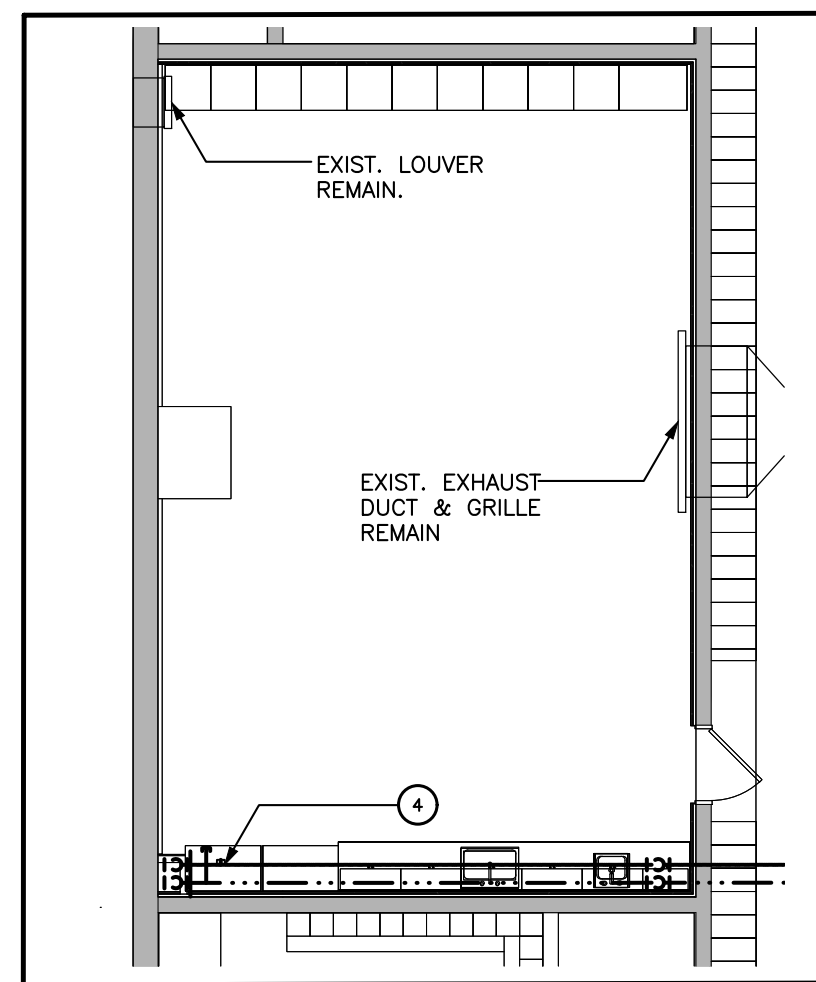
2 HEATING & VENTILATION-
EXIST. BOYS W/ROOM(114)
SCALE- 1:100



4 HEATING & VENTILATION-
EXIST. BOYS & GIRLS WASH ROOMS
(128A/128B & 146A/146B)
SCALE- 1:100



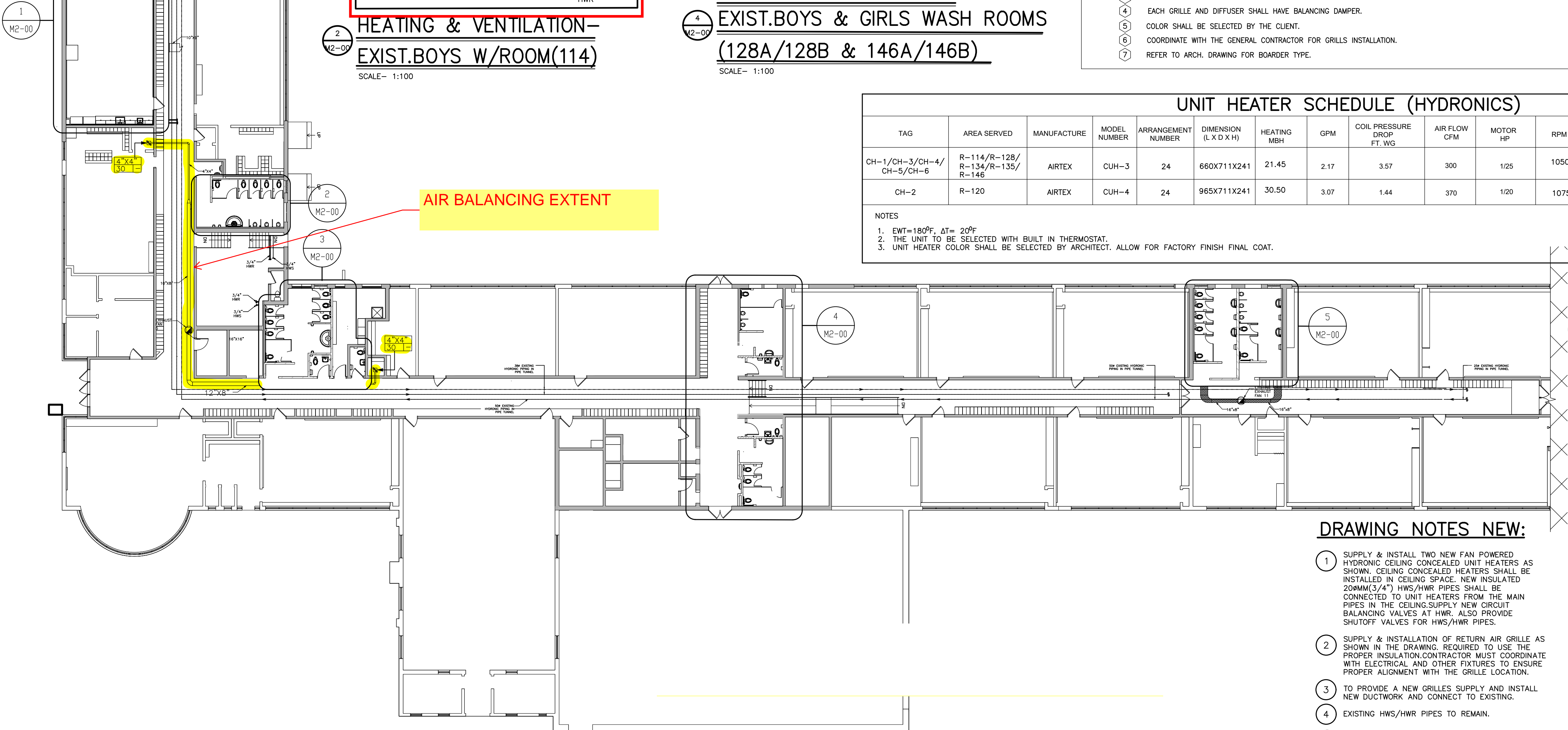
5 HEATING & VENTILATION-
EXIST. BOYS & GIRLS W/ROOM(134/135)
SCALE- 1:100



1 HEATING & VENTILATION-
EXIST. MUSIC ROOM(104)
SCALE- 1:100

GRILLE AND DIFFUSER SCHEDULE						
TAG	MANUF.	MODEL	SERVICE	SIZE (MM)	FINISH	BORDER
A	E.H. PRICE	80 SERIES	RETURN/EXHAUST GRILLE	10"x8"	B-12	7
B	E.H. PRICE	80 SERIES	RETURN/EXHAUST GRILLE	6"x6"	B-12	7
C	E.H. PRICE	80 SERIES	RETURN/EXHAUST GRILLE	4"x4"	B-12	7
NOTE : 1 ALUMINUM DAMPERS ARE REQUIRED FOR ALL ALUMINUM GRILLES AND DIFFUSERS. 2 UP TO 100 CFM = 6" NECK; 100 CFM TO 225 CFM = 8" ; 225 CFM TO 380 CFM = 10" NECK 3 ALL DIFFUSERS AND GRILLES RATED AT NC30 OR LESS. 4 EACH GRILLE AND DIFFUSER SHALL HAVE BALANCING DAMPER. 5 COLOR SHALL BE SELECTED BY THE CLIENT. 6 COORDINATE WITH THE GENERAL CONTRACTOR FOR GRILLS INSTALLATION. 7 REFER TO ARCH. DRAWING FOR BOARDER TYPE.						

UNIT HEATER SCHEDULE (HYDRONICS)													
TAG	AREA SERVED	MANUFACTURE	MODEL NUMBER	ARRANGEMENT NUMBER	DIMENSION (L X D X H)	HEATING MBH	GPM	COIL PRESSURE DROP FT. WG	AIR FLOW CFM	MOTOR HP	RPM	MOTOR AMPS	# OF FANS
CH-1/CH-3/CH-4/CH-5/CH-6	R-114/R-128/R-134/R-135/R-146	AIRTEX	CUH-3	24	660X711X241	21.45	2.17	3.57	300	1/25	1050	0.6	1
CH-2	R-120	AIRTEX	CUH-4	24	965X711X241	30.50	3.07	1.44	370	1/20	1075	1.2	2
NOTES 1. EWT=180°F, ΔT= 20°F 2. THE UNIT TO BE SELECTED WITH BUILT IN THERMOSTAT. 3. UNIT HEATER COLOR SHALL BE SELECTED BY ARCHITECT. ALLOW FOR FACTORY FINISH FINAL COAT.													



A MECHANICAL SYSTEMS-NEW OVERALL PLAN.
SCALE- 1:200

DRAWING NOTES NEW:

- SUPPLY & INSTALL TWO NEW FAN POWERED HYDRONIC CEILING CONCEALED UNIT HEATERS AS SHOWN. CEILING CONCEALED HEATERS SHALL BE INSTALLED IN CEILING SPACE. NEW INSULATED 20MM(3/4") HWS/HWR PIPES SHALL BE CONNECTED TO UNIT HEATERS FROM THE MAIN PIPES IN THE CEILING. SUPPLY NEW CIRCUIT BALANCING VALVES AT HWR. ALSO PROVIDE SHUTOFF VALVES FOR HWS/HWR PIPES.
- SUPPLY & INSTALLATION OF RETURN AIR GRILLE AS SHOWN IN THE DRAWING. REQUIRED TO USE THE PROPER INSULATION. CONTRACTOR MUST COORDINATE WITH ELECTRICAL AND OTHER FIXTURES TO ENSURE PROPER ALIGNMENT WITH THE GRILLE LOCATION.
- TO PROVIDE A NEW GRILLES SUPPLY AND INSTALL NEW DUCTWORK AND CONNECT TO EXISTING.
- EXISTING HWS/HWR PIPES TO REMAIN.
- EXISTING HWS/HWR PIPES SHALL BE RELOCATED TO WALL SPACE.

GENERAL NOTES:

- REFER TO CONSTRUCTION PHASING PLAN BEFORE COMMENCING WORK. INCLUDE ALL NECESSARY REQUIREMENTS TO MEET THE PHASING PLAN.
- COORDINATE DUCT INSTALLATIONS WITH PIPES, ELECTRICAL LIGHTING & BUILDING STRUCTURE.
- ALL MECHANICAL DUCTWORK SHALL BE CONCEALED IN CEILING SPACES, BETWEEN JOISTS OR IN BULKHEADS.
- PROVIDE RETURN AIR GRILLES IN CEILING WHERE NOTED.
- PROVIDE BALANCING DAMPERS AT ALL AIR SUPPLY TAKE OFFS:-
1) AT BRANCH DUCT OFF OF THE MAIN TRUNK.
2) IN DRYWALL AREAS, PROVIDE DAMPERS AT GRILLE WITH APPROVED LOCKING DEVICES TO ENGINEER'S APPROVAL.
- CUTTING FOR DUCTS SHALL BE DONE BY THIS CONTRACTOR. OBTAIN APPROVAL PRIOR TO CUTTING OPENINGS IN ANY WALL, STRUCTURE, FLOOR AND ROOF.
- COORDINATE LOCATION OF EACH S.A. & R.A. (SUPPLY & RETURN AIR) GRILLE AND EXISTING RETURN AIR GRILLE ON SITE PRIOR TO CUTTING AND ROUGH-IN.
- INSULATE ALL SUPPLY AIR DUCT ON COMPLETE RUN. INSULATE EXHAUST AIR DUCTS MIN. 6" FROM WALLS OR ROOF. REFER TO SPECIFICATIONS.
- COORDINATE LOCATION OF EACH DIFFUSER AND GRILLE IN CEILING WITH LIGHT FIXTURES.
- INSTEAD OF RELYING ON RECORD DRAWINGS, AIR BALANCING CONTRACTOR SHALL RUN THE HVAC UNIT AND MEASURE CURRENT AIR FLOWS AT EACH OUTLET OF A COMPLETE BRANCH DUCT & THEN PLAN TO PROVIDE THE AIR FLOWS SPECIFIED ON THIS DRAWING. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.

DO NOT SCALE DRAWING. DIMENSIONS ARE TO BE CHECKED AND VERIFIED BY THE CONTRACTOR ON SITE.
ALL DRAWINGS, SPECIFICATIONS, AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS, AND RELATED DOCUMENTS IN WHOLE OR IN PART IS STRICTLY FORBIDDEN WITHOUT THE ARCHITECT'S WRITTEN PERMISSION.

2 ISSUED FOR TENDER 2025-02-11
1 ISSUED FOR PERMIT 2024-12-16
B 50% PROGRESS 2024-11-27
A 50% PROGRESS SUBMISSION 2024-11-01

No. DESCRIPTION DATE

REVISIONS

24076
Seal KS

E & M
Consulting Engineers Inc.
24076
www.eandmconsultingeng.com

HWDSB
AMRA J
ARCHITECTS INC.
www.aja.design | info@aja.design | 905.920.5121

project title:
HAMILTON- WENTWORTH
DISTRICT SCHOOL BOARD
P02085 - FRANKLIN RD
ELEMENTARY SCHOOL
RENOVATIONS
500 FRANKLIN ROAD
HAMILTON, ONTARIO.

drawing title:
MECHANICAL SYSTEMS -
NEW OVERALL PLAN.

drawn:
MH
date:
checked:
KS
date:
12/2024
scale:
AS SHOWN
project number:
24-21
drawing no:
M2-00
revision:
0