ADDENDUM NO. 1

Issued by email May 2, 2024

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

- 1. Ensure that all parties submitting bids are aware of this **Addendum No. 1** and its contents.
- 2. **Contents** Addendum No. 1 in its entirety consists of the following:
 - .1 HAA Addendum No. 1
 - Ten (10) typed pages of instructions
 - One (1) letter sized Architectural Detail Drawing
 - Three (3) letter sized Structural Cast-in-Place Concrete Notes
 - Two (2) full sized Drawings

QUESTIONS & ANSWERS

Question 1.1.

The Specification table of content has Section 09 97 24 Concrete Floor Sealer System but there is no pages in the specification book.

Can you please provide the Specification for 09 97 24 Concrete Floor Sealer System.

A: This spec section will be removed from the Table of Contents. It is not required for this project.

Question 1.2.

Please provide existing fire alarm system manufacturer?

A: The existing fire alarm system manufacturer is Simplex Grinnell.

Photos included below:

PLP Classroom & Change Room Alterations at Dunbarton High School

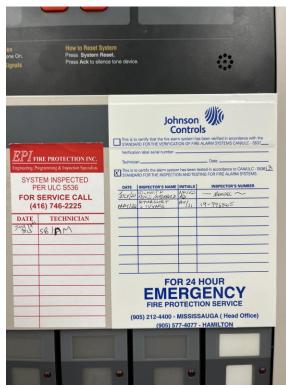
Tender # T24-22 HAA PROJECT NO. 23130 HOSSACK ARCHITECTURE

ADDENDUM NO. 1

Issued by email May 2, 2024









ADDENDUM NO. 1

Issued by email May 2, 2024

Question 1.3.

Section 20 1.05 .1 refers to commissioning agent. Is a commissioning agent required for this project?

A: No commissioning agent is required for this project.

Question 1.4.

Please confirm mechanical contractor is to carry the 20,00.00 controls cash allowance.

A: The cash allowance for controls will be part of the overall project's \$90,000.00 Cash Allowance. This amount does not need to also be included separately in the Mechanical bid.

Question 1.5.

Re: Door Schedule - Door 4416A/B is shown to have a type 3 frame but is only a pair of doors, not a screen which type 3 is. Please advise.

A: Door 4416A/B is a double door into the Storage Closet. A new type 4 frame has been added to AD801 to differentiate this frame from the other Type 3 & 3A double door frames which have adjacent screens.

Question 1.6.

Re: Washroom Accessories 10 28 10 - There are requirements for Coat Hooks in Team Rooms 3311 and 3307 above the Benches, but other than detail AD503 there are no details on the quantity of the Coat Hooks Required, please advise.

A: In Team Rooms 3311 and 3307 the board would like 1 Safety Release Coak Hook every 300mm along the length of the benches shown on the floor plans.

Question 1.7.

Room Finished Schedule specified LVT flooring for room 4212. But drawing A4.1 mentioned exiting terrazzo remains for room 4212.

A: The existing terrazzo flooring and base to remain in room 4212. The floor finish has been updated in the Room Finish Schedule.

Question 1.8.

Detail of Gooseneck of drawing M6.0 – Please confirm that each gooseneck location requires 4 anchor brackets.

A: The exhaust goosenecks height is 30" above the roof and do not require anchoring.

PLP Classroom & Change Room Alterations at Dunbarton High School Tender # T24-22 HAA PROJECT NO. 23130

ADDENDUM NO. 1

HOSSACK ARCHITECTURE

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Question 1.9.

Is there a prequalified roofing contactors for this project?

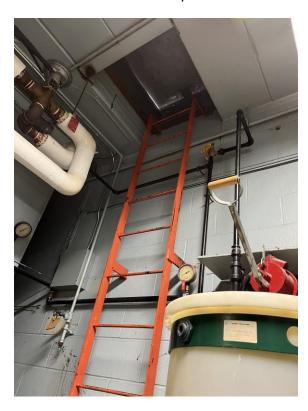
A: The prequalified roofing contractors for this project are: Bothwell-Accurate and Semple Gooder Roofing.

Question 1.10.

What is the assembly of the existing roof? Is there an access ladder to roof?

A: All roofs are a Tremco built up cold applied roof installed in 2010 by Bothwell-Accurate.

There is a roof access hatch and ladder in Boiler Room 411 across the hall from the new PLP Classrooms. See photo below:



Question 1.11.

What is mean by RH shown in 3/A4.1? Provide detail if we need to include.

A: RH denotes the existing roof drains which are to remain.

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Question 1.12.

Who is the base building contactor for fire alarm? Any other base building contactors we need to use?

A: Fire Alarm Verification – Tyco Integrated Fire & Security

Question 1.13.

What is the height from finished floor to underside of the metal deck above at each renovation area?

A: Renovation Part 1: Change Room

The height from the Finished Floor to the underside of concrete floor slab in the change room renovation area is approx. 3,465mm.

Renovation Part 2: PLP Classroom

The height from the Finished Floor to the underside of concrete roof slab is approx.. 3,290mm in the PLP classroom (4410, 4414A, 4416A & 4420A), Kitchenette 4414B, Calming Room (4416B & 4420B) and Sensory Room 4412.

Refer to Building Section – Change Room (11/A6.2) and Building Section – PLP Classes (12/A6.2)

Question 1.14.

Please confirm the make and model of the existing switchboard PPO and distribution panel DP1. Also please send pictures of both name plates and distribution sections if available.

A: Switchgear Unit CSA C 22.2 No.31 Series, Serial No. 22395117-001

Photos are included below:

PLP Classroom & Change Room Alterations at Dunbarton High School

Tender # T24-22 HAA PROJECT NO. 23130 HOSSACK ARCHITECTURE

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Question 1.15.

Please confirm that all PA/Telephone cabling is to be supplied and installed under the cash allowance.

A: Yes all PA/Telephone cabling is to be supplied and installed under the cash allowance.

Question 1.16.

Please confirm that all security cabling is to be supplied and installed under the cash allowance.

A: Yes all Security cabling is to be supplied and installed under the cash allowance.

PLP Classroom & Change Room Alterations at Dunbarton High School Tender # T24-22

HAA PROJECT NO. 23130 HOSSACK ARCHITECTURE

ADDENDUM NO. 1

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Question 1.17.

Please confirm the make and model of existing fire alarm panel.

A: See response to Question 1.2

Question 1.18.

Cash allowance amount \$70000 or 90000?

A: Cash allowance amount to be \$90,000. See Spec Front End Section 1.2 Stipulated Bid Form for breakdown and Specification Section 00 22 00 Supplementary Information Form.

Question 1.19.

Construction commencement and completion date mentioned in Bid Form and Item 1.5.1 of Section 01 11 00 are different. Please advise construction commencement and completion date.

A: Follow dates from Spec Front End Section 1.5.1

Question 1.20.

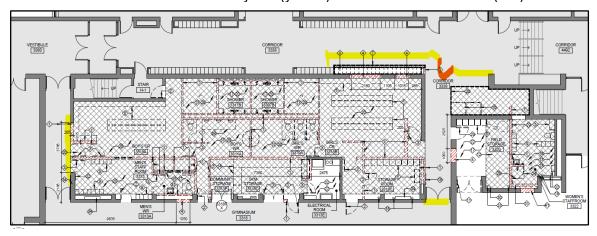
Which areas need concrete floor hardener?

A: Refer to Division 3, Section 03 35 05; 1.7 SCOPE OF WORK.
Concrete Hardner is required at all exposed concrete slab-on-grade.
For locations refer to S.CONC floor finish in Room Finish Schedule.

Question 1.21.

Provide locations of temporary drywall hoarding if required? Also provide assembly of these hoarding.

A: Provide metal stud and ½" drywall (yellow) with a construction door (red)



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Question 1.22.

Can you please confirm if the concrete harder/sealer is required to be installed on all the newly poured concrete floors to receive new flooring?

A: Refer to Division 3, Section 03 35 05; 1.7 SCOPE OF WORK.
Concrete Hardner is required at all exposed concrete slab-on-grade.
For locations refer to S.CONC floor finish in Room Finish Schedule.

Question 1.23.

Upon review of the structural drawing, it does not seem to show the new concrete slab requirements or specs. Can you please provide

A: See attached new Structural Cast-in-Place Concrete Notes for information.

<u>AMENDMENTS TO SPECIFICATIONS – BINDER A</u>

<u>Item 1: Section 00010 Table of Contents</u>

- .1 REMOVE reference to 09 97 24 Concrete Floor Sealer System from Table of Contents.
- .1 ADD new Structural Cast-in-Place Concrete Notes sheet to Specification.

Item 2: Section 01 11 00 Summary of Work

- .1 Paragraph 1.5.1.3. REVISE to read Phase 1 Construction dates to follow dates outlined in DDSB Front End Section 1.5.1.
- .2 Paragraph 1.5.1.4. REVISE to read Phase 2 Construction dates to follow dates outlined in DDSB Front End Section 1.5.1.

Item 3: Section 08 11 15 Door Schedule

.1 Door 4416A/B - CHANGE Door Frame Type from 3 to 4.

Item 4: Section 09 91 30 Room Finish Schedule

.1 Room 4412 Sensory Room - CHANGE Floor Finish & Base to EX. TERRAZZO.

Item 5: AD Detail 801 Hollow Metal Frames & Screens

.1 REPLACE with new revised AD801 attached.

Item 6: Structural Cast-in-Place Concrete Notes A03.1

.1 ADD new attached Structural Cast-in-Place Concrete Notes sheet to Specification.

DURHAM DISTRICT SCHOOL BOARD

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PLP Classroom & Change Room Alterations at Dunbarton High School **Tender # T24-22** HAA PROJECT NO. 23130 HOSSACK ARCHITECTURE

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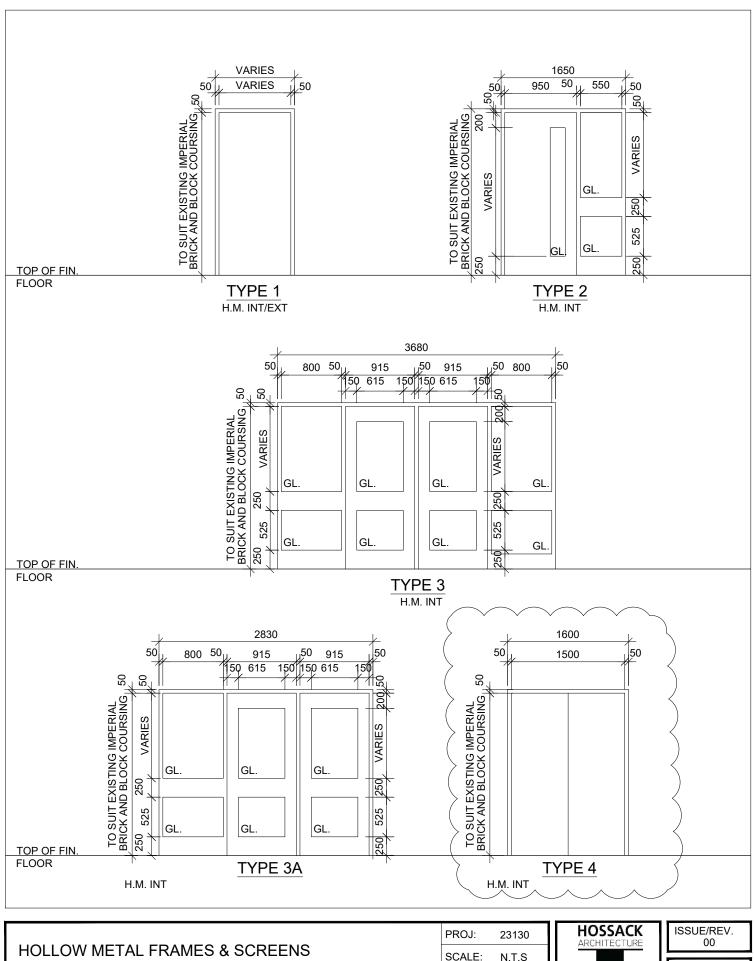
AMENDMENTS TO ARCHITECTURAL DRAWINGS

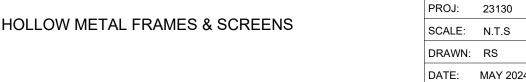
<u>Item 6: Architectural drawing A4.1 – Floor Patterns Plan and Roof Plan</u>

.1 REPLACE with new revised A4.1. Refer to bubbled areas for revisions

<u>Item 7: Architectural drawing A6.2 – Interior Elevations & Building Sections</u> .1 REPLACE with new revised A6.2. Refer to bubbled areas for revisions

End of Addendum No. 1









1. GENERAL

- 1.1. PROVIDE ALL LABOUR, MATERIALS, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK.
- 1.2. REFER ALSO TO GENERAL NOTES, NOTES UNDER PLANS AND SCHEDULES, TYPICAL DETAILS AND SPECIFICATION.

2. PRODUCTS

- 2.1. PORTLAND CEMENT, WATER AND AGGREGATES SHALL CONFORM TO CSA STANDARD A23.1.
- 2.2. PROVIDE AN APPROVED WATER REDUCING ADDITIVE IN ALL CONCRETE. PROVIDE AN APPROVED AIR ENTRAINING ADDITIVE IN ALL CONCRETE WHICH WILL BE EXPOSED TO A FREEZE/THAW CYCLE AND/OR THE ACTION OF DE-ICING SALT. ADMIXTURES SHALL CONFORM TO CSA STANDARD A23 1
- 2.3. FORMWORK SHALL CONFORM TO CSA STANDARD A23.1 AND CSA STANDARD S269.1 AND FALSEWORK SHALL CONFORM TO CSA S269.1.
- 2.4. IF SO INSTRUCTED, THE DESIGNS FOR THE FORMWORK SHALL BE SUBMITTED FOR REVIEW BEFORE CONSTRUCTION. FORMWORK DRAWINGS AND DESIGN SHALL BEAR THE STAMP OF A LICENSED PROFESSIONAL ENGINEER.
- 2.5. PROVIDE SLAB AND BEAM FORMS WITH AN UPWARD CAMBER AS INDICATED ON PLANS THUS . WHERE CAMBERS ARE NOT NOTED ON PLANS, CAMBER SLABS AND BEAMS FOR SPAN/500 AT INTERIOR BAYS, AND CANTILEVER LENGTH/250 AT CANTILEVER. CAMBER BOTH THE UNDERSIDE AND TOP OF CONCRETE IN A PARABOLIC PROFILE, WHILE MAINTAINING THE INDICATED STRUCTURAL THICKNESS OF MEMBERS.
- 2.6. PROVIDE STANDARD ADJUSTABLE MASONRY ANCHOR SLOTS FOR ALL MASONRY FACING OR ABUTTING CONCRETE FACES.
- 2.7. PROVIDE AND/OR INSTALL STANDARD ADJUSTABLE INSERTS AND ALL OTHER CAST-IN INSERTS AS REQUIRED BY THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATION.
- 2.8. REINFORCING STEEL UNLESS SPECIFICALLY NOTED, SHALL BE DEFORMED BARS CONFORMING TO CAN/CSA -G30.18-M GRADE 400 (58000 PSI).
- 2.9. WELDED WIRE FABRIC TO BE SUPPLIED IN FLAT SHEETS ONLY, UNLESS APPROVED OTHERWISE.
- 2.10. REINFORCING SHALL BE DETAILED, BENT, PLACED AND SUPPORTED TO CONFORM TO ACI DETAILING MANUAL AND THE MANUAL OF STANDARD PRACTICE PUBLISHED BY THE REINFORCING STEEL INSTITUTE OF CANADA.
- 2.11. DRY-PACK GROUT TO BE 1 PART PORTLAND CEMENT TO 1 1/2 PARTS SAND TO 2 PARTS OF 8 mm PEA GRAVEL WITH ONLY SUFFICIENT WATER TO DAMPEN MIXTURE. COMPRESSIVE STRENGTH 50MPa AT 28 DAYS.
- 2.12. NON-SHRINK GROUT TO BE AN APPROVED PRE-MIXED PROPRIETARY PRODUCT.
- 2.13. PROVIDE APPROVED EXTRUDED PVC WATERSTOPS OF SIZE AND STYLE INDICATED, WITH PRE-WELDED CORNERS AND INTERSECTIONS. SEE ALSO TYPICAL DETAILS.
- 2.14. CURING AND SEALING COMPOUNDS WHERE APPROVED FOR USE TO CONFORM TO ASTM STANDARD C309. GENERALLY ALL CONCRETE SURFACES ARE TO BE SEALED UNLESS NOTED OTHERWISE. COMPOUNDS ARE TO BE COMPATIBLE WITH APPLIED FINISHES.
- 2.15. SHEAR REINFORCEMENT AT SLAB CONNECTION AS SHOWN ON DRAWINGS AND DETAILS, SHALL BE STUDRAILS® AS MANUFACTURED BY DECON®. THE COMPLETE AND FINISHED STUDRAILI® SHALL BE ICC ES EVALUATED AND WELDING SHALL TAKE PLACE IN A ICC ES APPROVED AND AUDITED FACILITY. STUDRAILS® SHALL CONFORM TO THE LATEST UPDATE OF ASTM A1044.

3. EXECUTION

2024-04-30 12:35:08 PM

- 3.1. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE @ 28 DAYS SHALL BE AS NOTED ON THE DRAWINGS (20MPa MINIMUM).
- 3.2. SLUMP AT THE POINT OF DISCHARGE SHALL BE CONSISTENT AT 80 mm ±30mm (3" ±1 1/8") UNLESS NOTED OTHERWISE. GREATER SLUMPS ARE NOT ACCEPTABLE.
- 3.3. CONCRETE MIXING, TRANSPORTATION, HANDLING AND PLACING SHALL CONFORM TO CSA STANDARD A23.1.
- 3.4. CONSTRUCTION JOINTS FOR WALLS ARE BASED UPON VERTICAL JOINTS AT A MAXIMUM SPACING OF 9000mm (30'-0"). UNLESS CONTROL JOINTS ARE PROVIDED AS PER DETAIL CFW02. TOTAL LENGTH OF POUR TO BE DISCUSSED WITH ENGINEER PRIOR TO PROCEEDING.
- 3.5. CONSTRUCTION JOINTS FOR WALLS, SLABS, AND BEAMS NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL CONSULTANT BEFORE CONSTRUCTION. GENERALLY JOINTS IN SLABS SHALL BE AT RIGHT ANGLES TO THE SPANS, AT MID-SPAN IF POSSIBLE AND CLEAR OF SUPPORTS AND POINT LOADS.
- 3.6. INSERTS, FRAME-OUTS, SLEEVES, BRACKETS, CONDUITS AND FASTENING DEVICES, SHALL BE INSTALLED AS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS IN A MANNER THAT SHALL NOT IMPAIR THE STRUCTURAL STRENGTH OF THE SYSTEM, BE SO INSTALLED THAT THEY SHALL NOT REQUIRE THE CUTTING, BENDING, OR DISPLACEMENT OF THE REINFORCING OTHER THAN AS SHOWN ON THE TYPICAL DETAILS.
- 3.7. ELECTRICAL CONDUIT SHALL NOT PASS THROUGH A COLUMN, SHALL NOT BE LARGER IN OUTSIDE DIAMETER THAN 1/3 SLAB THICKNESS OR WALL OR BEAM IN WHICH IT IS EMBEDDED, SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS ON CENTRE UNLESS APPROVED AND HAVE A MINIMUM CONCRETE COVER OF 25 mm (1") AND UNLESS SPECIFICALLY PERMITTED OTHERWISE, SHALL NOT RUN HORIZONTALLY IN A CONCRETE WALL.
- 3.8. OPENINGS AND DRIVEN FASTENERS REQUIRED IN THE CONCRETE AFTER THE CONCRETE IS PLACED SHALL BE APPROVED BY THE STRUCTURAL CONSULTANT BEFORE PROCEEDING.
- 3.9. FINISHING, REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIRED FINISH TO EXPOSED CONCRETE. ALL HONEYCOMBING SHALL BE CUT OUT AND FILLED. FLOOR FINISHES SHALL BE AS REQUIRED BY THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS AND SHALL CONFORM TO CSA STANDARD A23.1.
- 3.10. TOLERANCES FOR PLACING STRUCTURAL CONCRETE, REINFORCING STEEL, CAST-IN HARDWARE AND FOR FLOOR AND ROOF FINISHES SHALL BE AS SPECIFIED IN CSA STANDARD A23.1.
- 3.11. MINIMUM REINFORCING FOR ANY CONCRETE WALL TO BE AS SHOWN ON TYPICAL DETAIL FOR CONCRETE WALLS.
- 3.12. MINIMUM REINFORCING FOR ANY SUSPENDED SLAB SHALL BE TEMPERATURE BARS BOTTOM EACH WAY PLUS 10M @ 400 (16") DOWELS 600x600 (2'-0" x 2'-0") TOP AROUND PERIMETER. REFER TO TYPICAL DETAIL OF ONE WAY SLABS.
- 3.13. PERFORM SURVEYS OF SLABS AS INDICATED IN SPECIFICATIONS.



EDIT DATE: 04/30/24

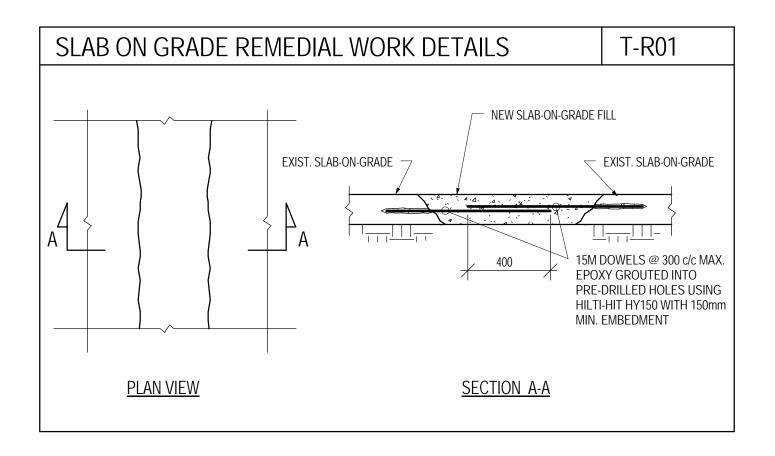
3.14 GENERAL REQUIREMENTS FOR CUTTING AND DRILLING INTO CONCRETE

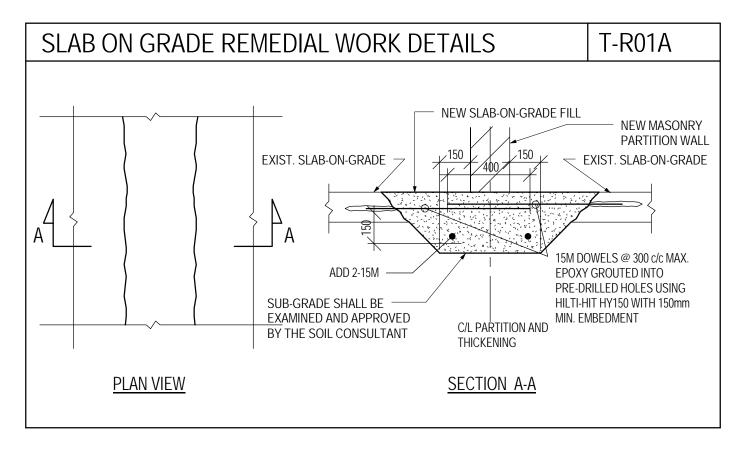
- (A) DO NOT DRILL INTO, CORE THROUGH, SAW-CUT OR CHIP THE CONCRETE STRUCTURE WITHOUT WRITTEN AUTHORIZATION BY THE STRUCTURAL CONSULTANT.
- (B) UNLESS NOTED OTHERWISE, PRIOR TO CUTTING, CORING OR DRILLING INTO THE CONCRETE STRUCTURE, LOCATE EXISTING CONCRETE REINFORCEMENT AND EMBEDDED SERVICES AT THAT LOCATION USING SUITABLE SCANNING DEVICE (I.E. X-RAYS, GROUND PENETRATION RADAR (GPR), LOCAL CHIPPING OF SLAB - ONLY WHERE APPROVED BY THE STRUCTURALCONSULTANT, ETC), AS AUTHORIZED BY PROPERTY MANAGER IF APPLICABLE
- (C) GPR SCANNING MUST BE DONE BY TRAINED TECHNICIANS WITH AT LEAST 5 YEARS OF EXPERIENCE AS SUCH.
- (D) GPR SCANNING DEVICES MUST BE CAPABLE OF ACCURATELY LOCATING REBAR IN A CONCRETE SLAB TO A MINIMUM DEPTH OF 300 mm, WITHIN A HORIZONTAL TOLERANCE OF +- 25 mm AND A VERTICAL (DEPTH) TOLERANCE OF THE LARGER OF +- 25 mm OR +- 15% OF THE REBAR DEPTH.
- (E) AFTER ALL THE EXISTING REINFORCEMENT AND SERVICES HAVE BEEN LOCATED, NOTIFY THE STRUCTURAL CONSULTANT, WHO WILL REVIEW AND APPROVE THE PROPOSED LOCATION OF OPENINGS, CORES OR DRILLED HOLES. MAKE ANY NECESSARY ADJUSTMENTS TO THE HOLE LOCATIONS AS DIRECTED BY THE STRUCTURAL CONSULTANT.
- (F) THE REVIEW BY THE STRUCTURAL CONSULTANT IS LIMITED ONLY TO THE LOCATION OF THE PROPOSED CORES OR DRILLED HOLES THROUGH THE EXISTING STRUCTURE AND IT IS BASED ON THE ASSUMPTION THAT THE X-RAY OR SCAN RESULTS LOCATING SLAB REINFORCEMENT AND EMBEDDED SERVICES ARE COMPLETE AND ACCURATE. STEPHENSON EGINEERING LTD. TAKES NO RESPONSIBILITY FOR THE ACCURACY OF THE X-RAY OR SCAN RESULTS.
- (G) CORE DRILL NEW HOLES FOR PIPES TO A DIAMETER NOT LARGER THAN THE OUTSIDE PIPE DIAMETER PLUS 25MM. DO NOT CUT EXISTING REINFORCEMENT OR SERVICES WITHOUT PRIOR APPROVAL OF THE CONSULTANT.
- (H) WHERE RECTANGULAR OPENINGS ARE TO BE CUT, PRE-DRILL THE CORNERS USING A 100 MM DIAMETER CORE DRILL OR DRILL A SERIES OF HOLES TO PREVENT OVER CUTTING OF THE CORNERS.

4. QUALITY CONTROL

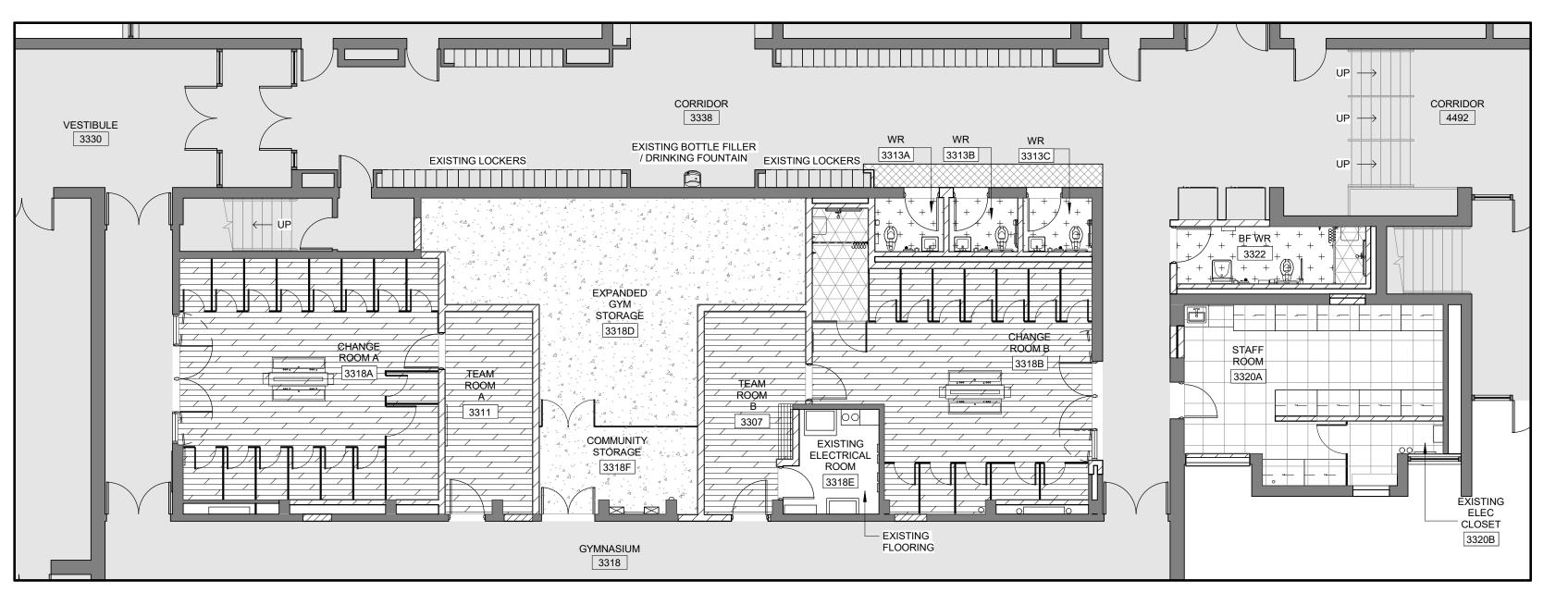
4.1 FOR INSPECTION AND TESTING, SEE GENERAL NOTES AND/OR SPECIFICATION.



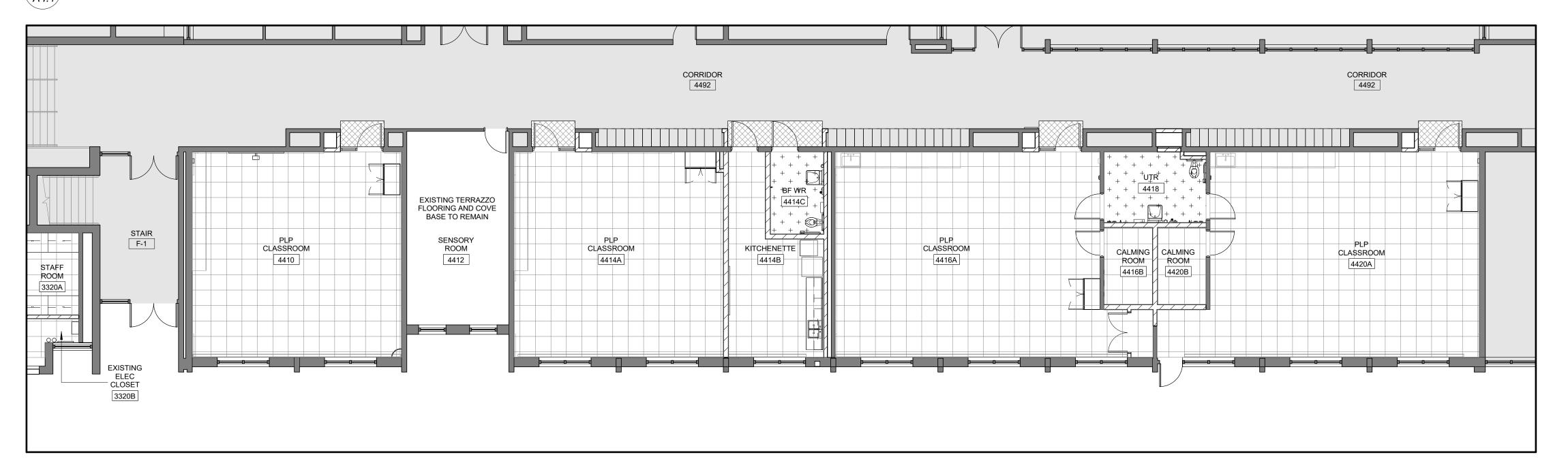




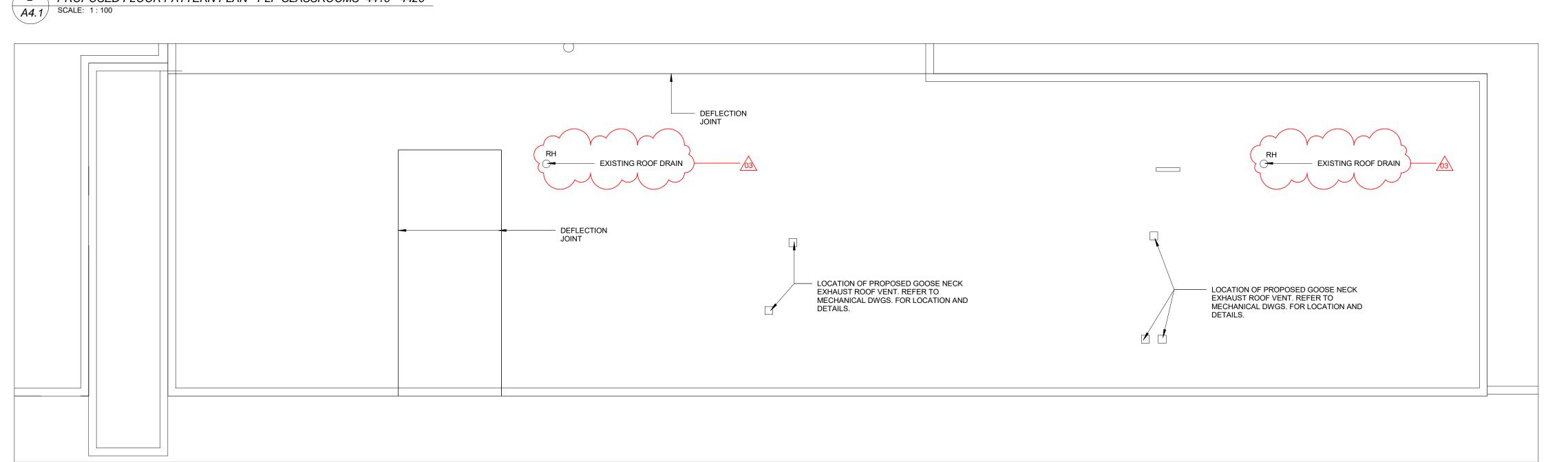
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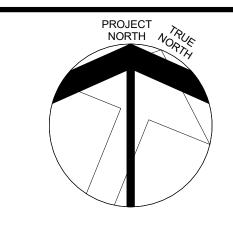
1 PROPOSED FLOOR PATTERN PLAN - CHANGE ROOMS
A4.1 SCALE: 1:100



2 PROPOSED FLOOR PATTERN PLAN - PLP CLASSROOMS 4410 - 4420



3 PARTIAL ROOF PLAN - PLP CLASSES
A4.1 SCALE: 1:100



LEGEND

NEW TERRAZZO INFILL TO MATCH EXISTING, COMPLETE WITH COVE TERRAZZO BASE TO MATCH EXISTING

LVT

VCT

+ SHEET FLOORING

СМТ

SEALED CONCRETE- REFER TO SPECS.

D3 ISSUED FOR ADDENDUM # 01
D2 ISSUED FOR TENDER
D1 ISSUED FOR PERMIT
D0 ISSUED

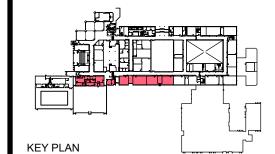
24/04/1

24/04/08 DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT; AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292

INTERIOR RENOVATION
TO DUNBARTON HIGH
SCHOOL
655 SHEPPARD AVE.,
PICKERING, ON, L1V 1G2





FLOOR PATTERNS PLAN AND ROOF PLAN



105 - 1939 IRONOAK WAY
OAKVILLE ON L6H 3V8
(905) 815-8284 admin@hossackarch.com

PROJECT
As indicated

APRIL 2024

DRAWN
DR

DRAWN RS DRAWING

CHECKED PL/CS

PRINT DATE 2024-05-01 3:39:02 PM

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