

WORKSHOP


Addendum 02

Project: CSV Lansdowne Auditorium Renovation **Date:** 11 December 2024
330 Lansdowne Ave, **Pages incl. cover:** 12
Toronto ON

The following changes, additions, deletions and clarifications are hereby made an integral part of the documents, including the drawings and specifications for the above project.

Item	Description
1.01	<p>Question: Who is the manufacturer of existing seats?</p> <p>Answer: The exact manufacturer is unknown. The seats were possibly manufactured by a defunct called 'Canadian Chair Services'. Part sourcing will be difficult, therefore delicate removal/reinstation is necessary to preserve the product and hardware.</p>
1.02	<p>Question: Demolition note D9 of drawing A1.0 – What is height of enlarge opening? Please advise whether lintel is required at top of the opening? If required provide lintel details.</p> <p>Answer: Opening will be 4'-0" wide x 8"-0" high. Lintel detail to follow 6/S2.0. Refer to updated notes on A1.0 and A3.0.</p>
1.03	<p>Question: General Note 11 of drawing A1.0 – Provide material specification of guardrail panel? What is the height of the guardrail panel</p> <p>Answer: Refer to Detail 4/A3.2 and Spec 05 50 00, 3.3.5.4</p>
1.04	<p>Question: Detail 7/S2.0 – Provide detail of new structural members required for new opening. Please give specification of existing steel grating.</p> <p>Answer: New L-shaped ledgers and steel grating to match existing. Refer to Detail 8/A3.0 for new ledger sizing. Refer to photos below of existing catwalk condition. Drawings and photos are provided for information only and it is the contractor's responsibility to verify their accuracy.</p>

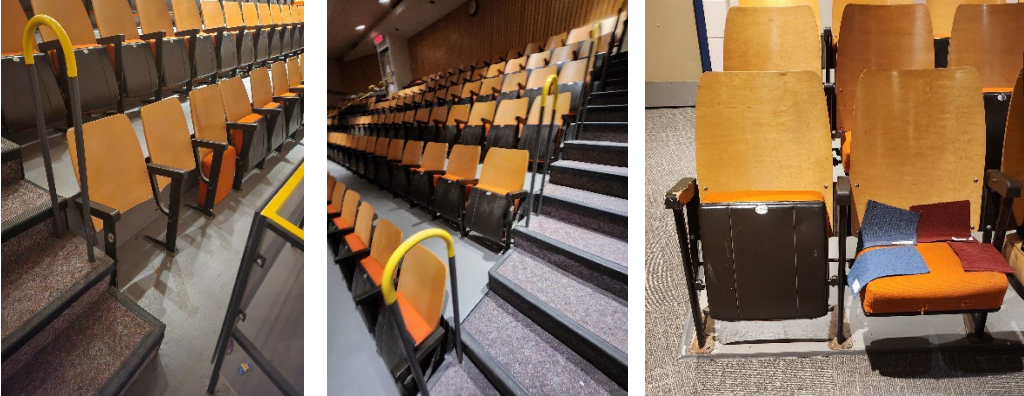
WORKSHOP

	
1.05	<p>Question: Please advise whether entire T-bar ceiling assembly at Passageway 1-10 and 1-13 is to be removed by abatement contractor.</p> <p>Answer: Only the ACT ceiling in Passageway 1-10 is to be removed, the ACT ceiling in Passageway 1-13 is to remain. Existing T-bar ceiling grid in Passageway 1-10 to remain if in good condition, otherwise removal or grid by abatement contractor.</p>
1.06	<p>Question: Please provide elevation of top of the existing slab on grade at Passageway 1-10. Also provide as-built drawing the existing stair at Passageway 1-10.</p> <p>Answer: Refer to Section 11 on record drawing S3a for as-built drawing of existing stair in Passageway 1-10. Drawing includes existing finish floor height of slab on grade.</p>
1.07	<p>Question: General Note 5 of drawing A1.0 – Up to what height wall painting are required at stage area?</p> <p>Answer: Painting in stage area will go up to Stage Rigging level 20'-0" AFF. Reter to Sections on A2.0.</p>
1.08	<p>Question: Item 1.2.11.8 of Section 02 82 00 – Do we need to remove the vinyl baseboard in room 151 (stage area)?</p> <p>Answer: Vinyl baseboards are to be removed within the parameters of Work Area 1 in the stage area (Room 151) as shown on the floor plan provided in the asbestos abatement specifications. All vinyl baseboards in Room 151 outside Work Area 1 are to remain and all vinyl baseboards inside Work Area 1 in a small section of the Auditorium (Room 150) are to remain.</p>
1.09	<p>Question: Please confirm school board will pay and obtain a building permit.</p> <p>Answer: Owner will pay and obtain the building permit.</p>
1.10	<p>Question: What is the duration of the Base Warranty Period?</p> <p>Answer: Each product has its own warranty: installation in general is minimum for a year.</p>
1.11	<p>Question: Please provide locations where dust barriers are required.</p> <p>Answer: Hoarding will be required at the doors leading into the auditorium to be coordinated with owner after contract award.</p> <p>All asbestos abatement work in Work Area 1 is to be performed using Type 2 Enclosure asbestos abatement procedures, and as per the asbestos abatement specifications, a measurable negative pressure differential is to be established in the enclosure work area by using fan/filter units equipped with High Efficiency Particulate Air</p>

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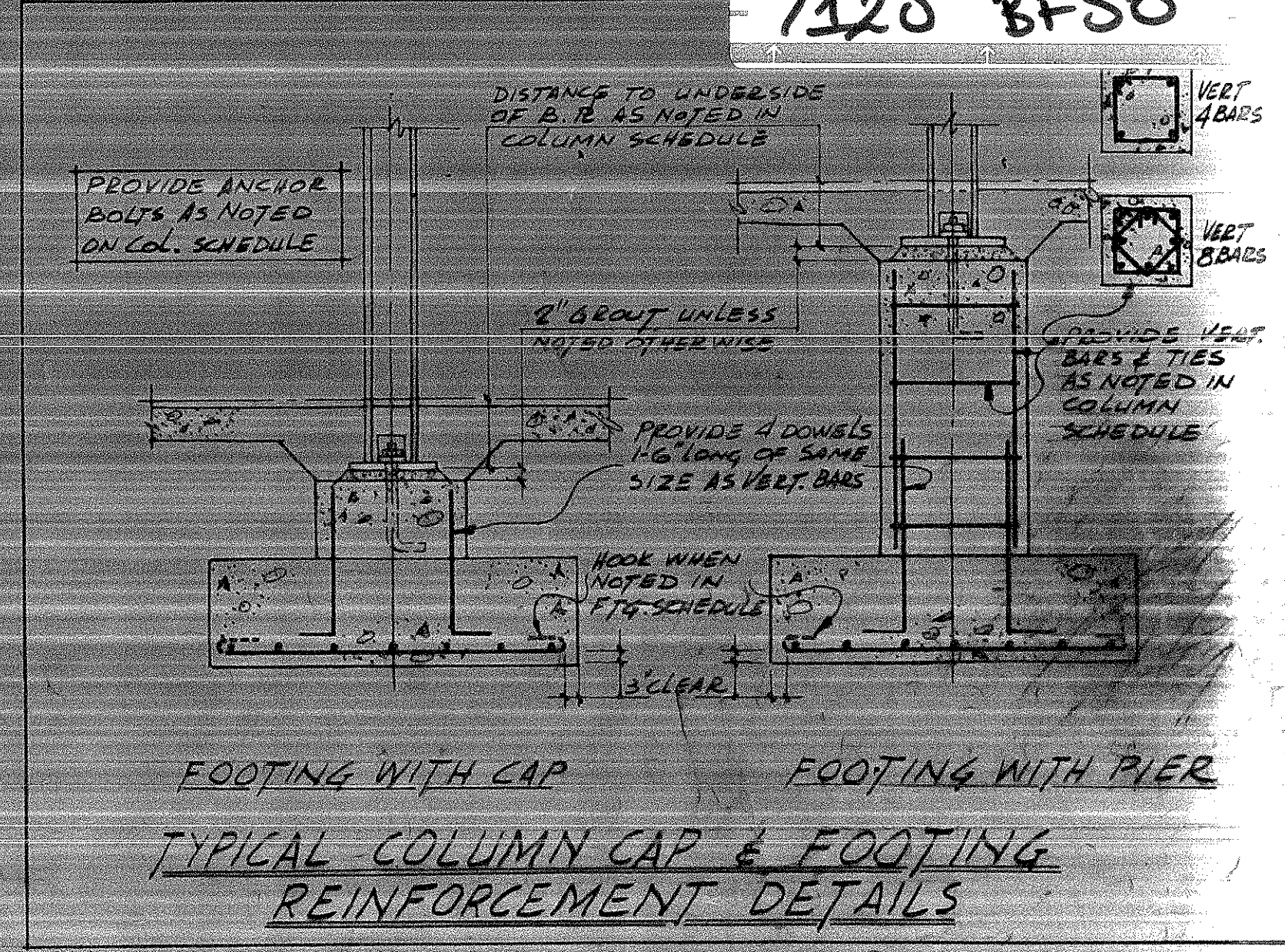
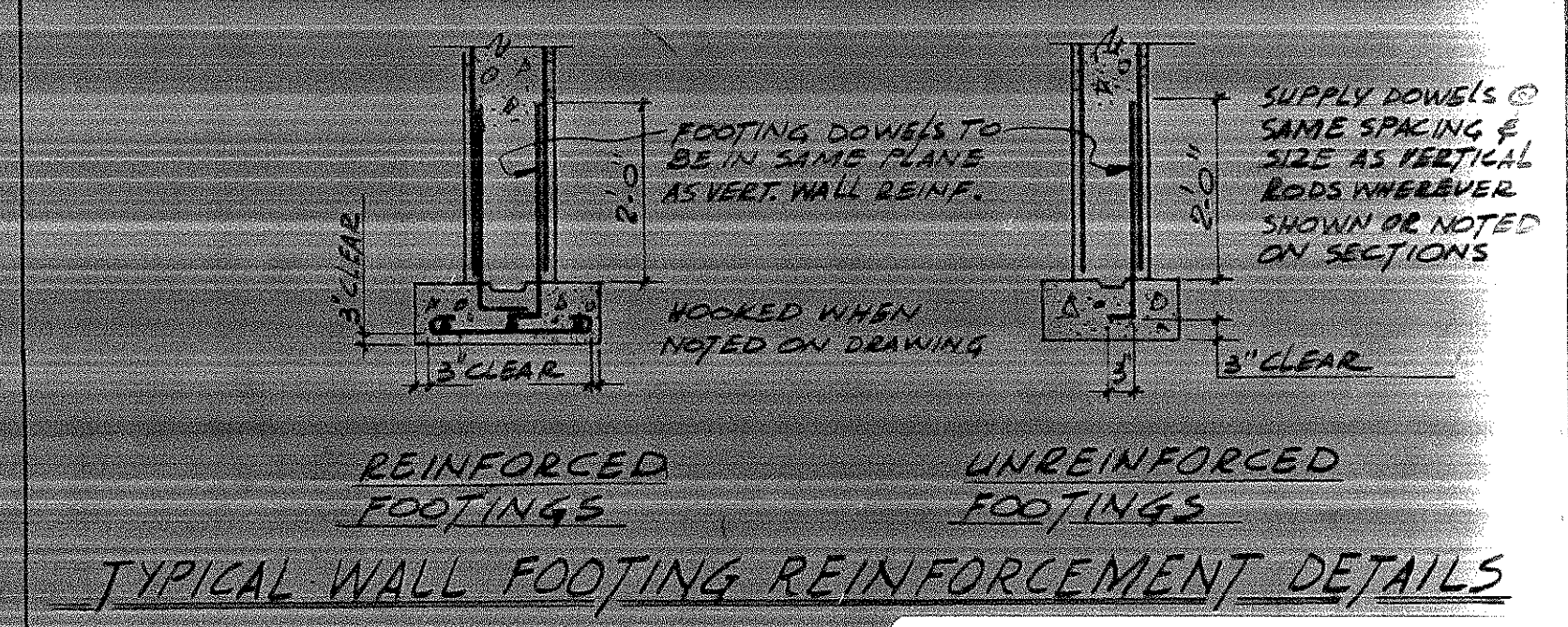
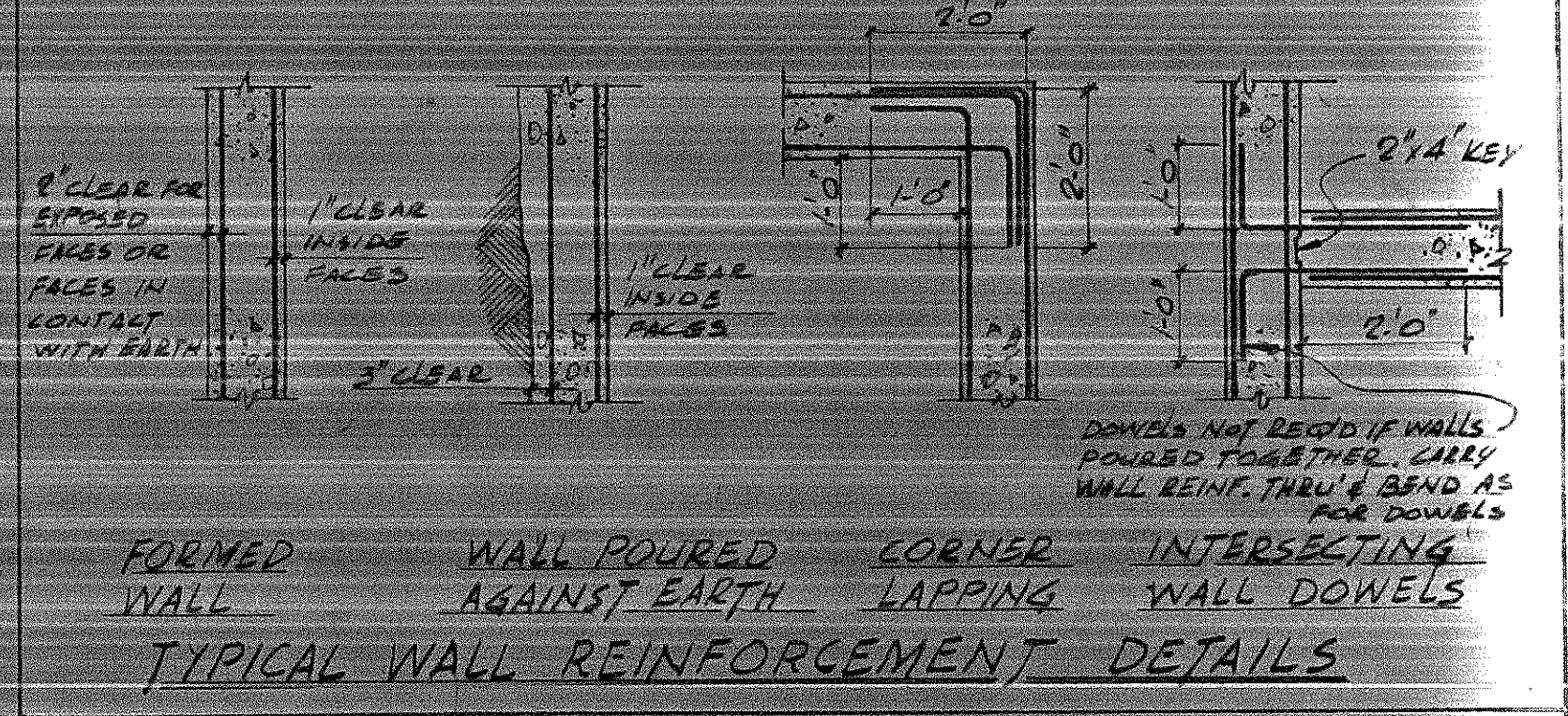
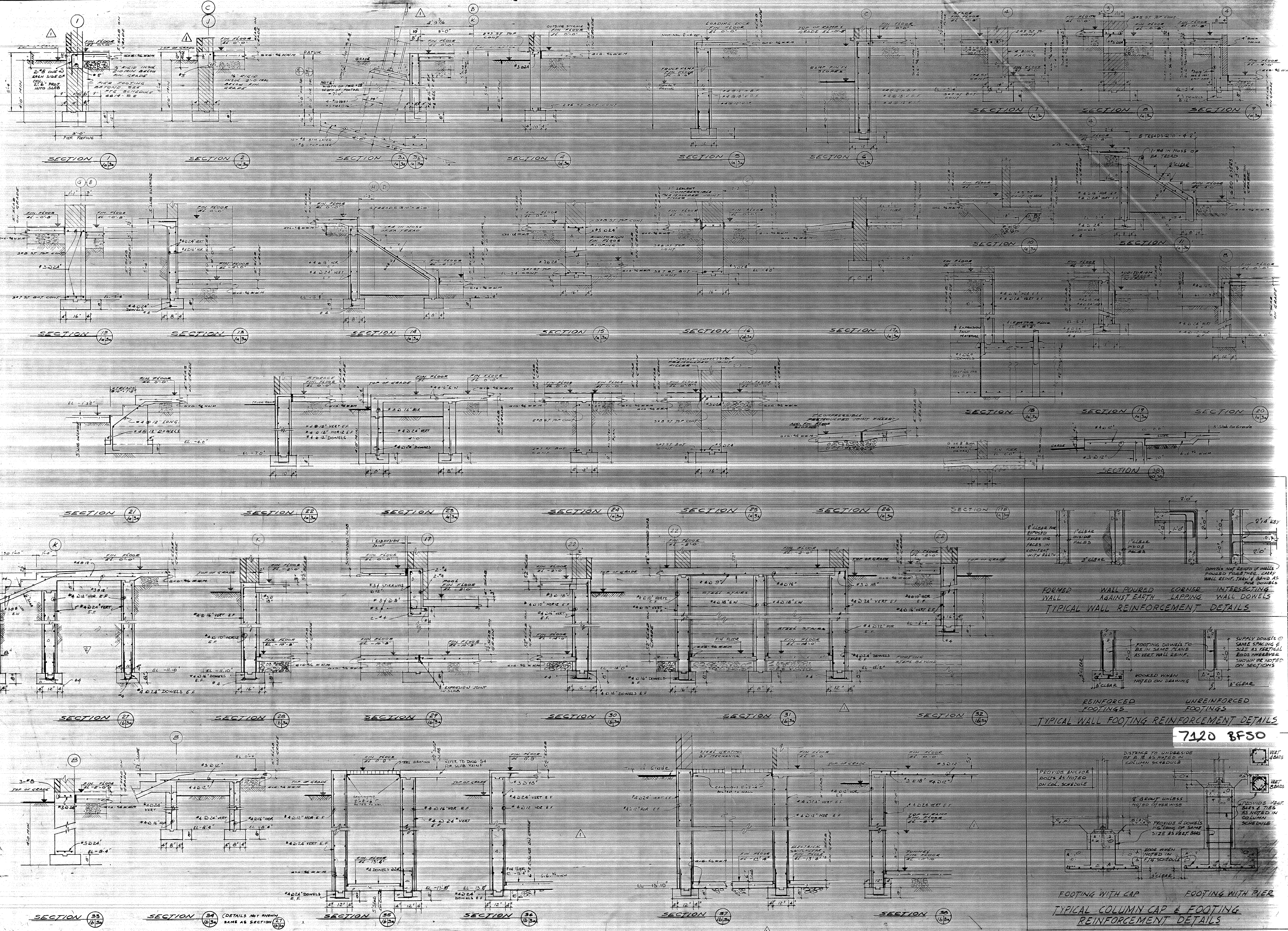
	<p>(HEPA) filters.</p> <p>All asbestos abatement work in Work Area 2 is to be performed using Type 2 Non-Enclosure asbestos abatement procedures and should not require enclosures provided all procedures outlined in the asbestos abatement specifications are followed.</p>
1.12	<p>Question: Please advise whether we need to submit Bid Bond and Agreement to Bond with our tender.</p> <p>Answer: No. The successful proponent, after receiving written notification from the Board of being awarded the Contract, and prior to the signing of the Contract, shall within ten (10) business days provide the Board the required Performance Bond and Labour and Material Payment Bond in the amount equal to 50% of the total</p>
1.13	<p>Question: Appendix B -RFP Particulars – Please confirm our tender price need to include Performance Bond (50% of Contract Price) and Material Payment Bond (50% of Contract Price) cost.</p> <p>Answer: Refer to answer in Item 1.12.</p>
1.14	<p>Question: What is the project award date?</p> <p>Answer: Sometime after January 15, 2025.</p>
1.15	<p>Question: What is the substantial completion date?</p> <p>Answer: Before early occupancy date (on 1st July 1st, 2025)</p>
1.16	<p>Question: Please confirm that the new conduits required for work shown in drawing E-1.1 are surface mounted.</p> <p>Answer: Conduits to be concealed in stage floor, accessible ceiling and behind block walls where possible per notes on E1.1. All other conduits will be surface mounted.</p>
1.17	<p>Question: What are working hours for abatement works?</p> <p>Answer: All asbestos abatement operations in Work Area 1 are to be performed during the school's March break. Work may be performed during normal business hours starting on Friday March 7, 2024, with asbestos abatement operations to be completed by Sunday March 16, 2024. If additional time is required, the school will be made available, upon request, at any time during the March break.</p> <p>All subsequent asbestos abatement operations performed in Work Area 2 are to be performed after school hours, on weekends or holidays.</p>
1.18	<p>Question: Are the existing seats manufactured by Ducharme?</p> <p>Answer: Refer to answer in Item 1.01</p>
1.19	<p>Question: What year approx. were [the seats] installed?</p> <p>Answer: It is assumed that the auditorium seating was installed during the school's construction, sometime between 1970 and 1972.</p>
1.20	<p>Question: Could you confirm the materials and components used, as well as the fixing mechanism [of the seats]?</p> <p>Answer: Refer to answer in Item 1.01</p>
1.21	<p>Question: Could you provide close-up pictures [of the seats] for reference?</p> <p>Answer: Refer to photos below of existing auditorium seating.</p> <p>Drawings and photos are provided for information only and it is the contractor's responsibility to verify their accuracy.</p>

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1.22	<p>Question: Please clarify what is the floor finish for the Stage (1-12) and the Passageway (1-13). On the Room Finish Schedule it is specified RES, however on the detail (1 - A3.0) the finish for the Stage is "Existing".</p> <p>Answer:</p> <p>Flooring in Passageway 1-13 is to remain as existing, except on the stairs, which will receive new resilient flooring - Refer to 3/A1.0</p> <p>Flooring in Stage 1-12 is to remain as existing, except on the new ramp, which will receive new resilient flooring - Refer to Detail 1/A3.0</p>
1.23	<p>Question: What is the specification for the Rubber Nosing that is to be installed at the CPT-02 steps? In addition to that, #40 Heavy Duty Abrasive Strip Square Nose Tread by Roppe is specified with stair treads. Is this to be installed at these rubber nosings? Or just these abrasive strips will be installed at the CPT-02 steps?</p> <p>Answer: Stair rubber nosing to be #16 Double Flange Carpet Stair Nosing by Roppe or equivalent. Refer to updated spec 09 68 00.</p>
1.24	<p>Question: The sizes given for both the collections for CPT-01 are 12" x 48", however on the manufacturer's website, the carpet tile sizes for these series are 25cm x 1m. Please advise.</p> <p>Answer: Carpet tile size will be 25cm x 1m. Refer to updated spec 09 68 00.</p>
1.25	<p>Question: Would it be possible for a sample chair to be sent for review?</p> <p>Answer: No, the chairs are no longer manufactured and will require careful removal/reinstation. Refer to the answer in Item 1.01.</p>

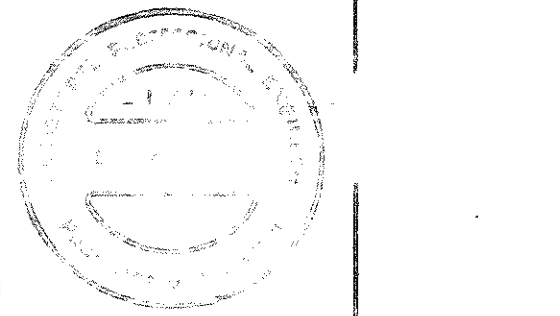
Encl. Drawings: S3a (1970 record drawing), A1.0, A3.0
 Documents: Spec 09 68 00

End of Addendum 02



NO.	DESCRIPTION	DATE

REVISIONS



THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND SUPPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS DO NOT SCALE THE DRAWINGS.

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECTS.

H. Webb Zerafa Menkes

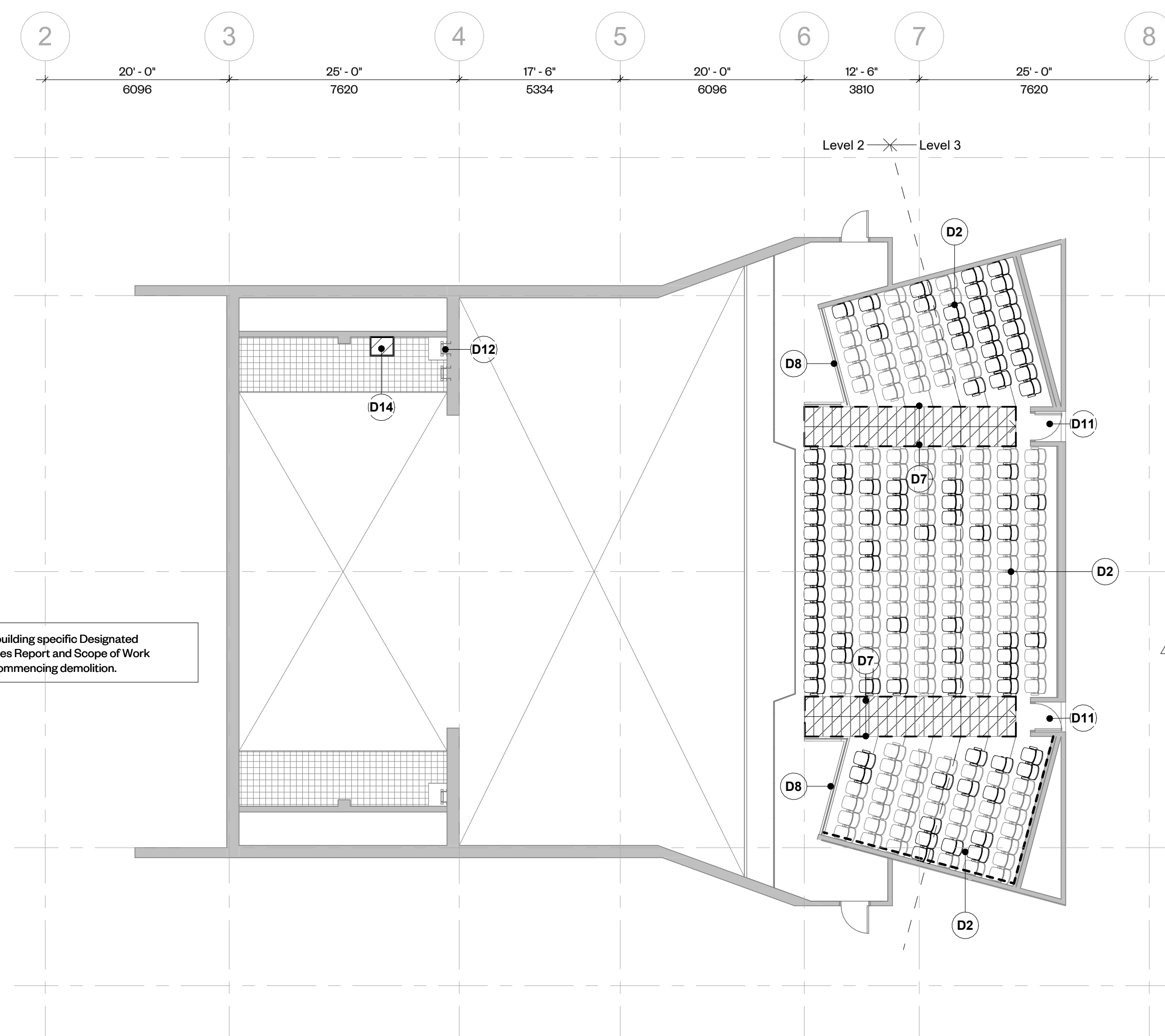
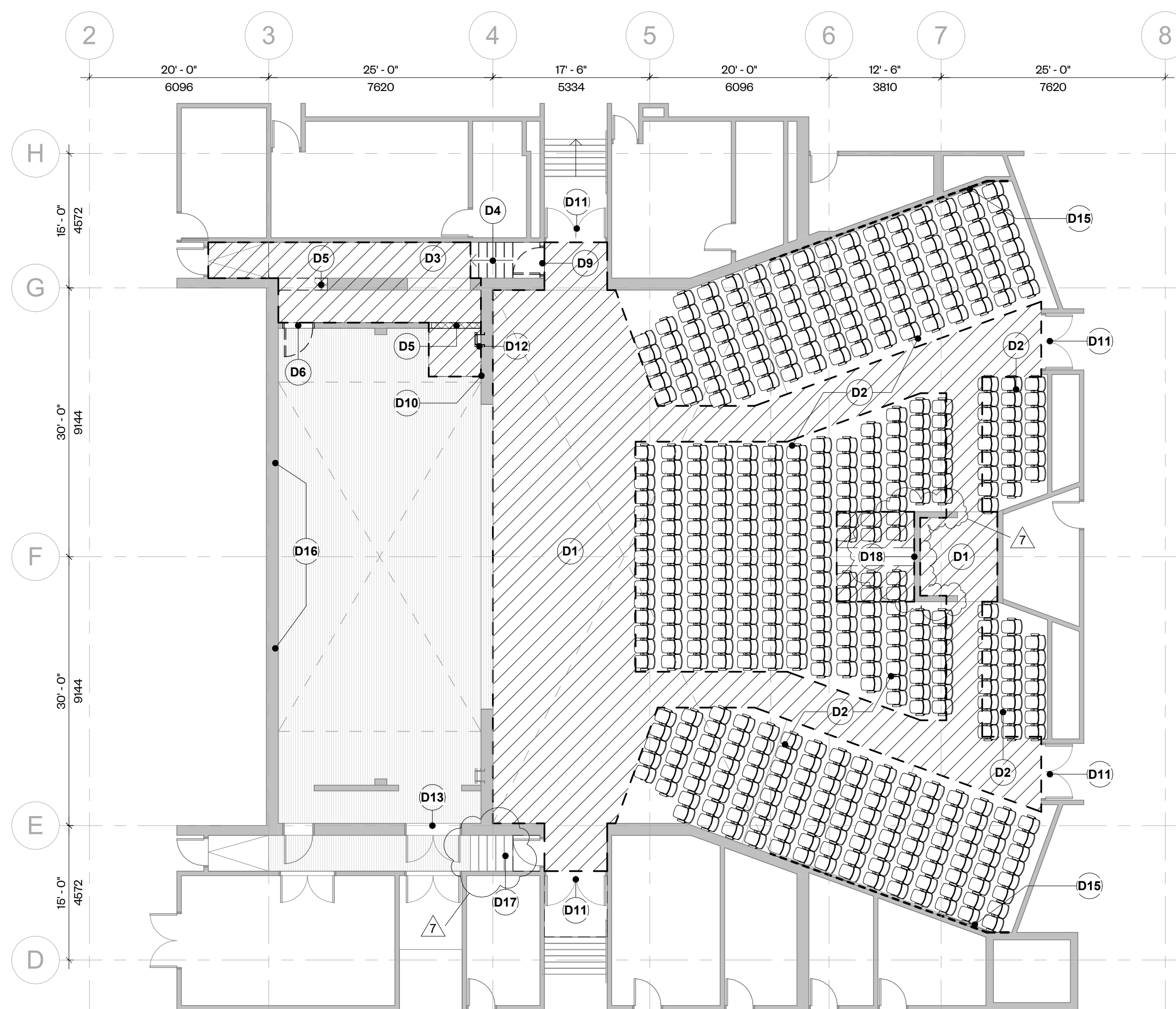
DATE: 10/15/70

WEBB ZERAF MENKES ARCHITECTS
 TORONTO MONTREAL

WEST END SECONDARY SCHOOL

THE BOARD OF EDUCATION
 TORONTO ONTARIO

FOUNDATION SECTIONS
 AND DETAILS
 SCALE AS SHOWN
 SHEET NUMBER: 6814-S3-a



Demolition Notes	
Note	Description
D1	Diagonal hatch denotes extent of carpet to be demolished. Prepare to receive new carpet.
D2	Demolition of auditorium seating. Seating in good condition to be salvaged from main auditorium and reinstated onto balcony level. Seating in good condition at balcony level to remain/protected during demolition. Prepare concrete floor to receive new paint and seating. Refer to A0.1 for seating schedule and plans.
D3	Diagonal hatch denotes extent of concrete slab removal to accommodate new ramp. See structural for underpinning sequence and requirements.
D4	Demolish concrete stairs and vinyl floor finish. Make good adjacent surfaces.
D5	Enlarge block wall opening to suit new ramp. Prepare to receive new lintel - see structural.
D6	Demolish door and prepare to infill opening - see structural.
D7	Demolish free-standing handrail and carpet flooring. Patch and infill stair as required. Prepare to receive new handrails and floor finish.
D8	Provide clear guard panels at existing handrail supports. Remove and restate as required.
D9	Demolish door and frame. Enlarge opening and prepare to receive new lintel - see structural.
D10	Existing wall-mounted AV patch rack to be relocated above catwalk - see electrical and AV.
D11	Remove and restate existing door to install new hardware.
D12	Catwalk access ladder to be removed and relocated.
D13	Remove damaged door threshold. Prepare floor to receive new.
D14	New opening at existing catwalk to accommodate relocated ladder - see structural.
D15	Demolish wooden baseboard. Acoustic wall panel and wall mounted rail to remain. Make good adjacent surfaces.
D16	Extend existing wall outlets to face of new GWB cyclorama wall.
D17	Remove existing flooring, nosing and treads on stair. Existing baseboard to remain. Prepare floor to receive new.
D18	Remove existing carpet from podium walls. Prepare to receive new carpet.

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Rev	Description	Date
1	Costing	24.01.11
2	Costing R1	24.01.23
3	30% Client Review	24.07.11
4	60% Client Review	24.09.03
5	90% Client Review	24.10.07
6	Request for Proposal	24.11.22
7	Addendum 01	24.12.06
8	Addendum 02	24.12.11

Materials Legend	
ACT	Acoustic Ceiling Tile
ALUM	Aluminum
CONC	Concrete (Painted)
CPT-01	Carpet (Floor)
CPT-02	Carpet (Stairs)
EXIST	Existing
EXP	Existing
GWB	Gypsum Wallboard (Painted)
PB	Push Button
PC	Polycarbonate (Clear)
PLT	Plaster Finish (Existing)
PT	Paint Finish
RB	Rubber Base
RES	Resilient Sheet Flooring
SS	Stainless Steel

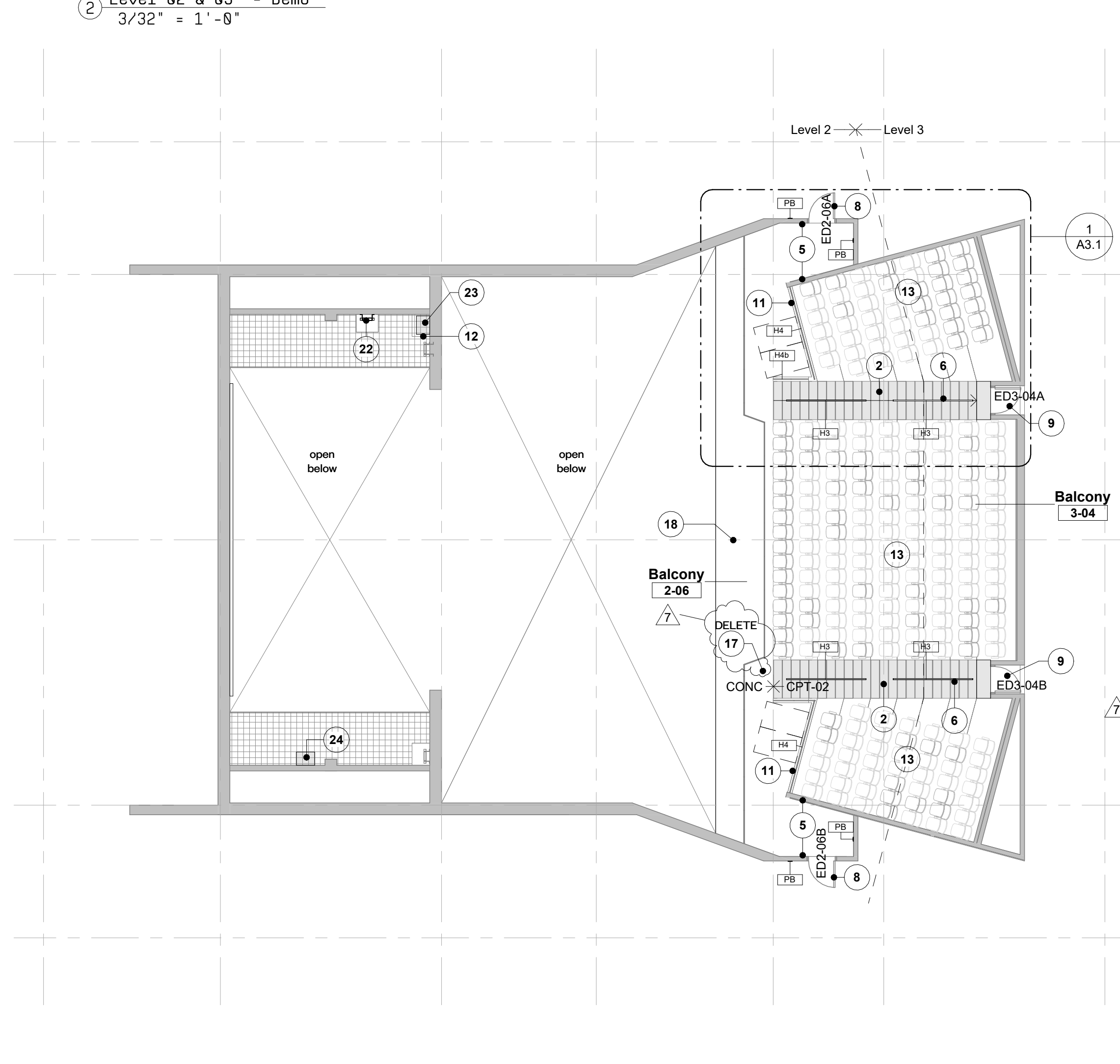
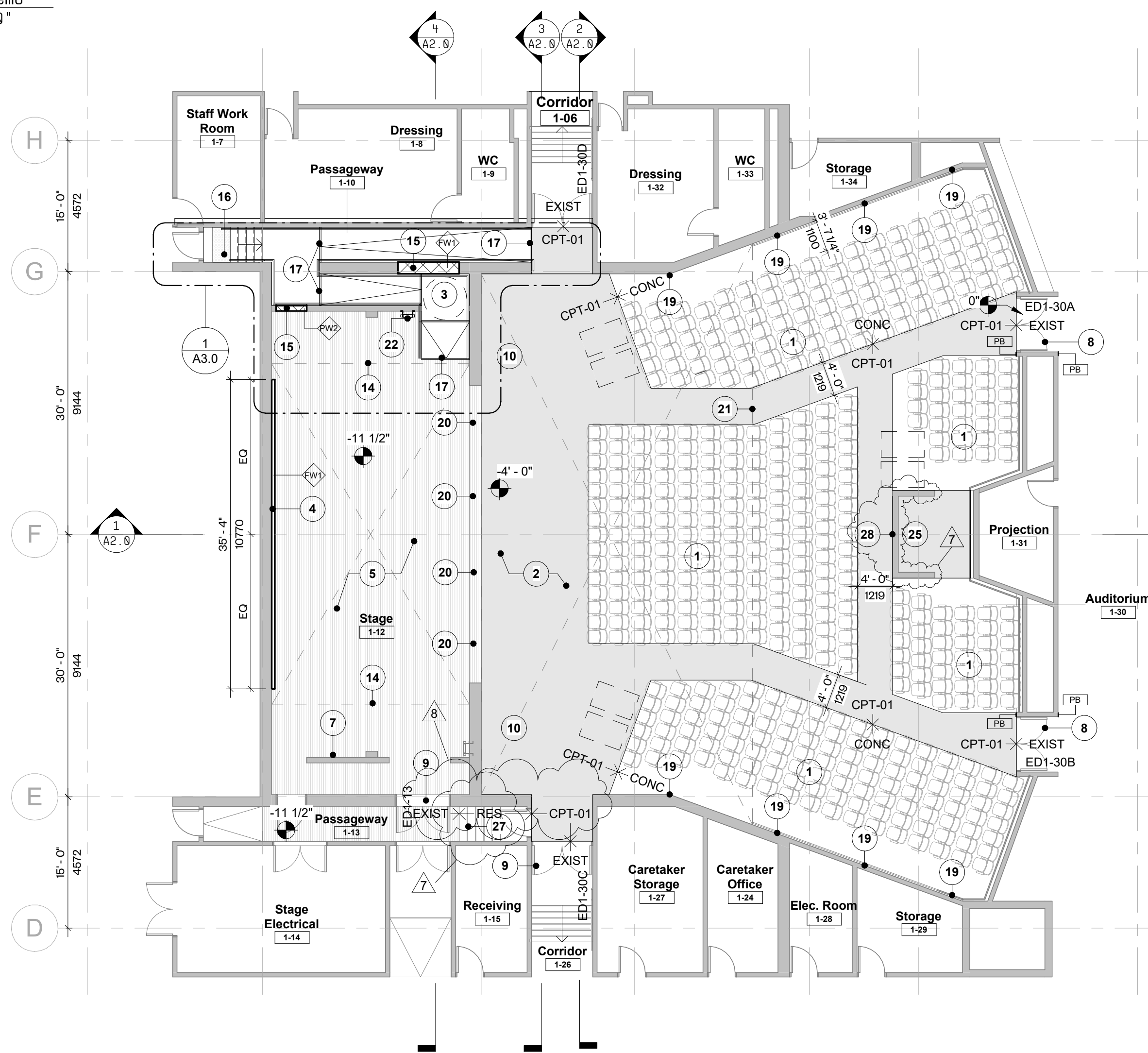
Demolition Legend	
	Existing CMU partition to be demolished
	Existing wall partition system to be demolished
	Existing element to be demolished
	Approximate extent of flooring to be removed
	Existing door leaf and frame to be demolished

Legend	
	Existing partition to remain
	New partition as scheduled

Symbols Legend	
	Partition Tag - refer to partition schedule
	New Door tag - refer to schedule
	Ceiling Material Height above Finished Floor 1'-0"
(E)	Existing
N.I.C.	Not in Contract

1 Level 01 - Demo
3/32" = 1'-0"

2 Level 02 & 03 - Demo
3/32" = 1'-0"



General Notes	
Note	Description
1	New auditorium seating. Refer to A0.1 for seating schedule and plans. Concrete finishing per spec 03 35 00, concrete floor painting per spec 09 90 00.
2	Grey tone denotes extent of new carpet on existing concrete floor.
3	New concrete ramp (112), handrails and stairs with resilient floor finish.
4	New 20'-8" painted GWB cyclorama wall on existing concrete block.
5	Paint existing block walls throughout.
6	New centreline Handrail H3 - see details.
7	New electrical company switch (200 Amp 3 Phase disconnect) connected to existing electrical panel - see electrical.
8	New power door operator, push buttons and door hardware at existing door leaf. See door hardware schedule.
9	New door hardware at existing door. See door hardware schedule.
10	New portable audio speakers - see AV.
11	Existing handrail supports with new guardrail panels.
12	Infill catwalk opening to suit existing - see structural for details.
13	Refurbished auditorium seating. Refer to A0.1 for seating schedule and plans. Paint concrete floor throughout.
14	Existing metal grate catwalk above.
15	Infill block wall to suit - see structural.
16	Tactile walking surface - see spec 09 05 00.
17	Contrast strip at top and bottom of ramp - see spec 09 05 00.
18	Existing floor power and data to remain (for future projector) - see AV.
19	New audio speaker supported on wall bracket - see AV.
20	New audio speaker at edge of stage - see AV.
21	Line of existing balcony above.
22	Relocated ladder - see structural for details.
23	Relocate AV patch rack - see electrical and AV.
24	Modifications to existing AV rack to support new equipment - see AV.
25	New portable controls located in projection booth - see AV.
26	Stair to receive new nosing, treads, and flooring. Existing baseboards adjacent to stairs to remain - see room finish schedule.
27	Projection booth walls to receive new carpet to match auditorium floor - see room finish schedule.
28	Projection booth walls to receive new carpet to match auditorium floor - see room finish schedule.

3 Level 01 - Proposed
3/32" = 1'-0"

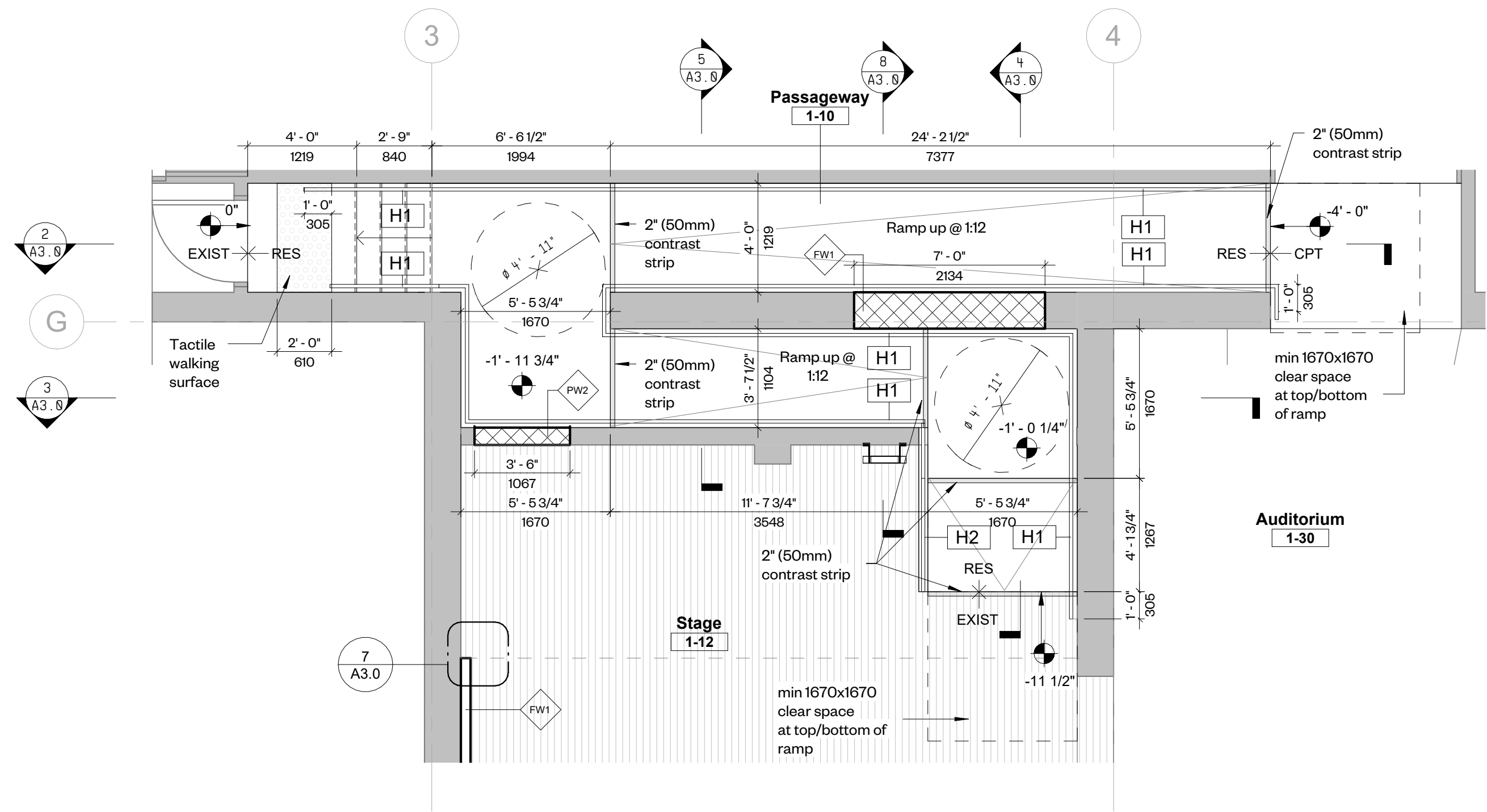
4 Level 02 & 03 - Proposed
3/32" = 1'-0"

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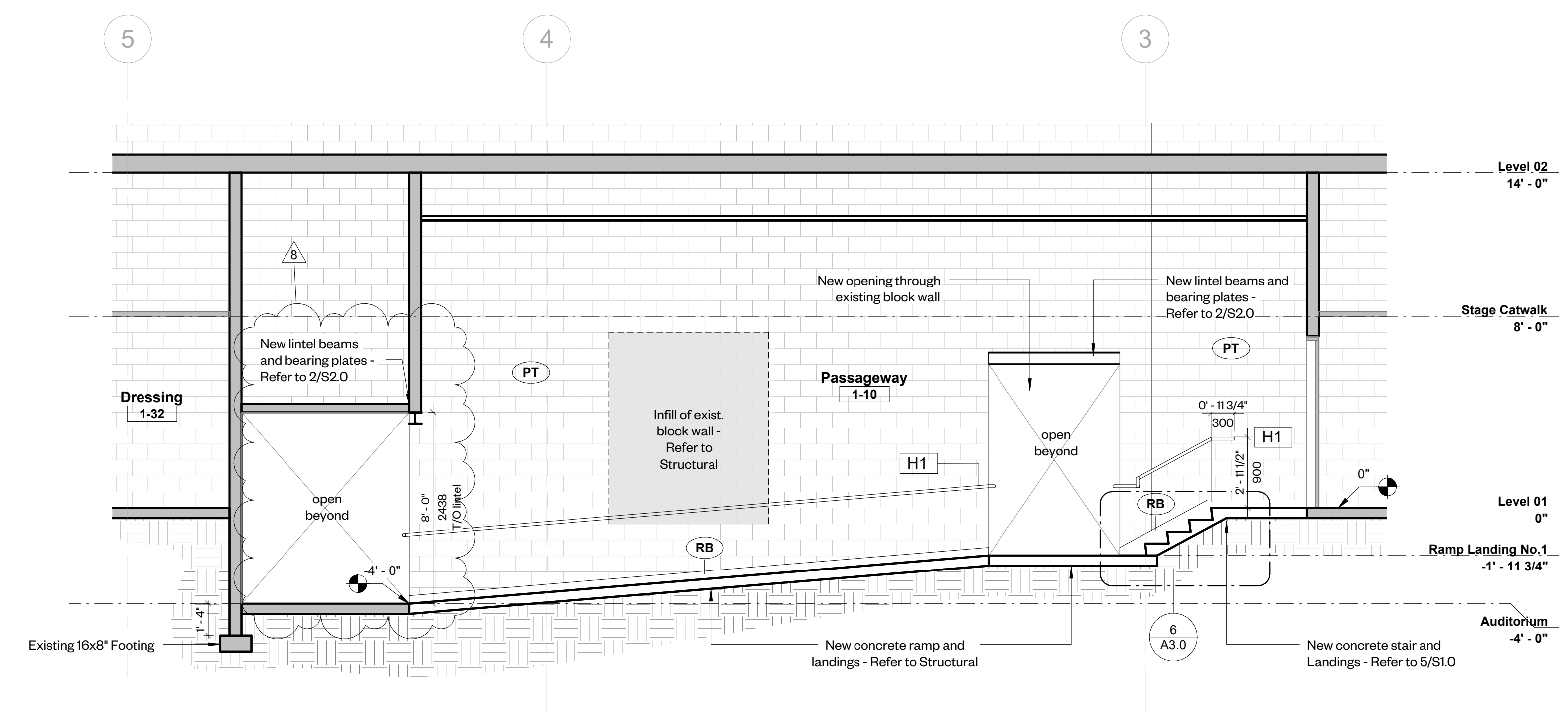
CSV Lansdowne Auditorium Renovation
338 Lansdowne Avenue
Toronto, ON

PROJECT CODE: 23_27	SCALE: As indicated
DATE: December 2024	STATUS: Request for Proposal

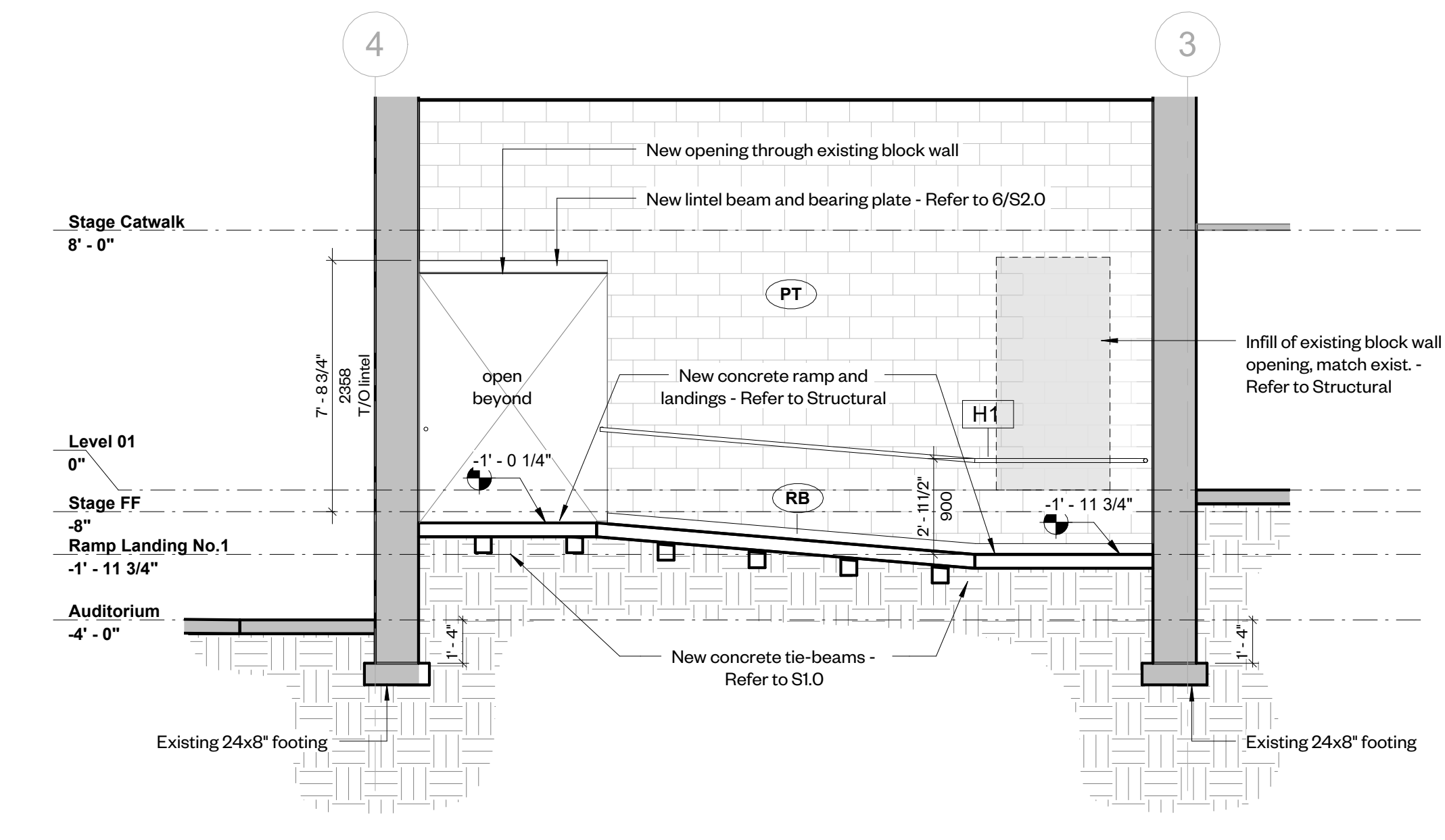
Demolition & Proposed Plans



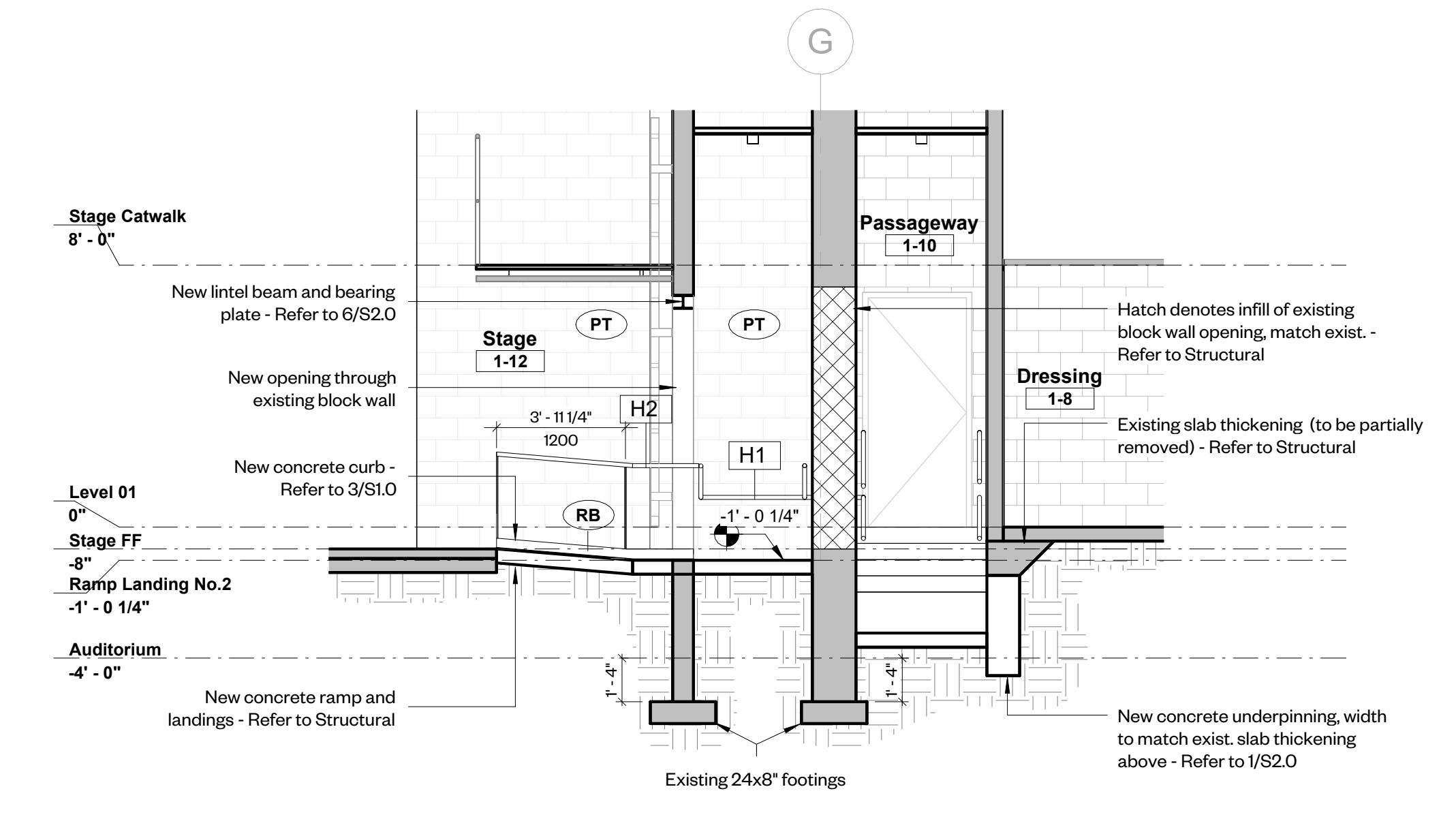
① Detail Plan - Stage Ramp
1/4" = 1'-0"



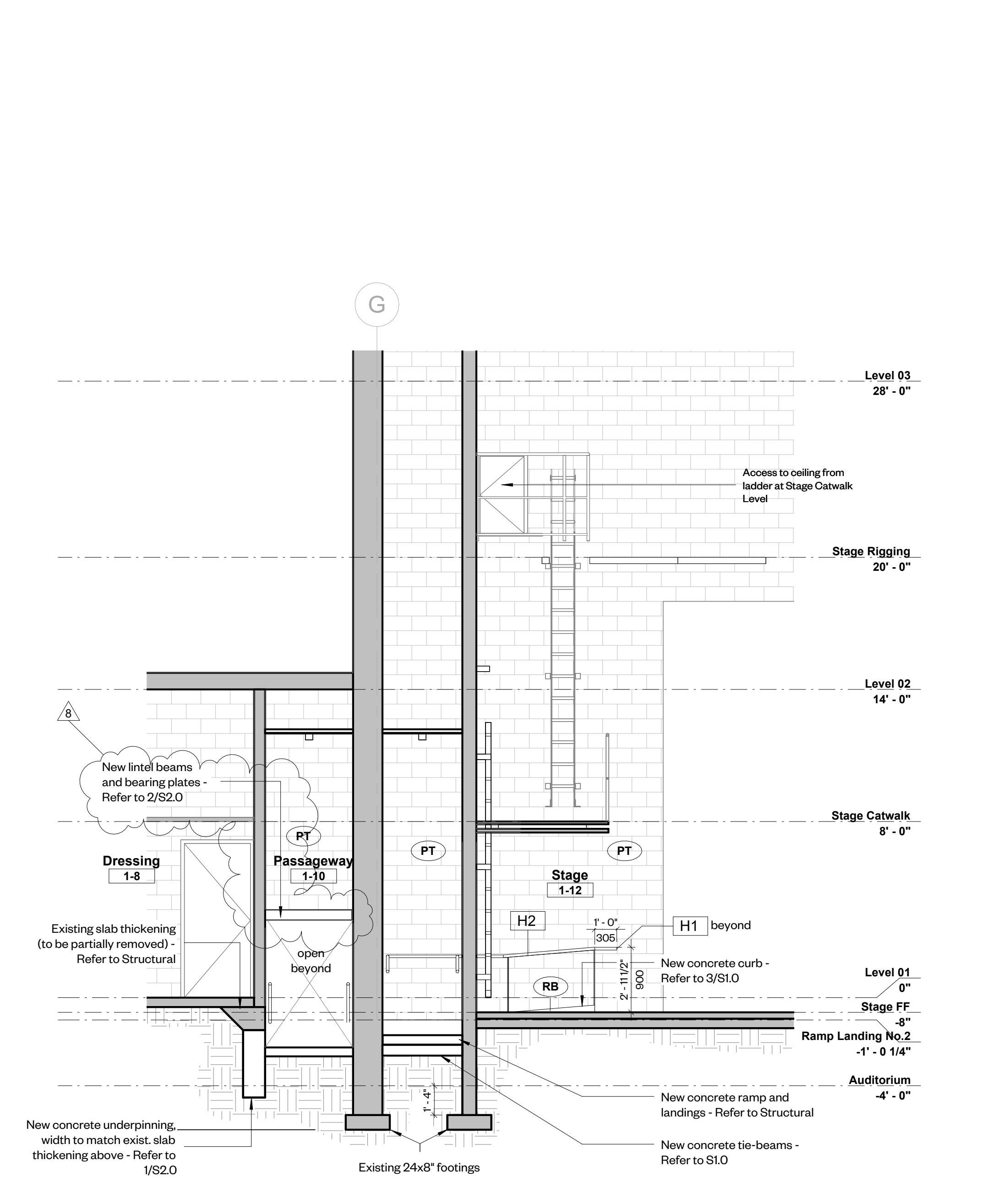
② Detail Section - Lower Ramp Section
1/4" = 1'-0"



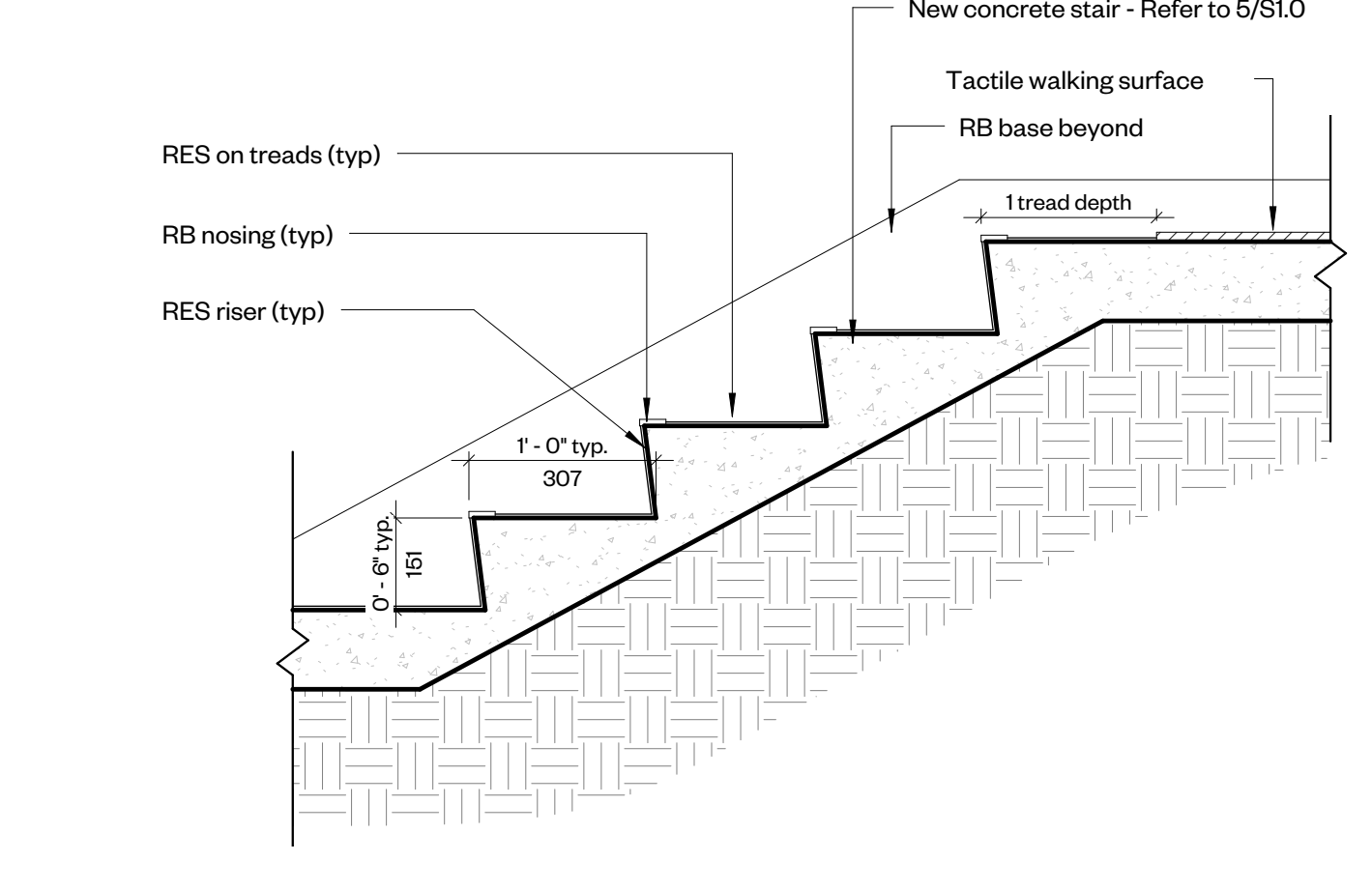
③ Detail Section - Upper Ramp Section
1/4" = 1'-0"



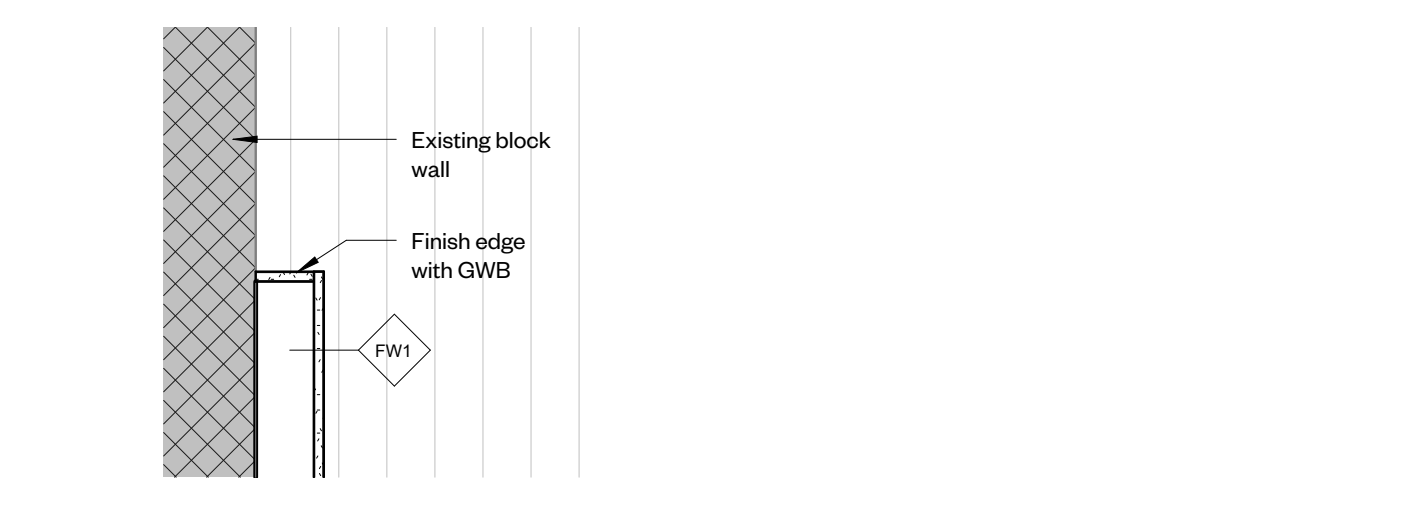
④ Detail Section - Lower Ramp Section
1/4" = 1'-0"



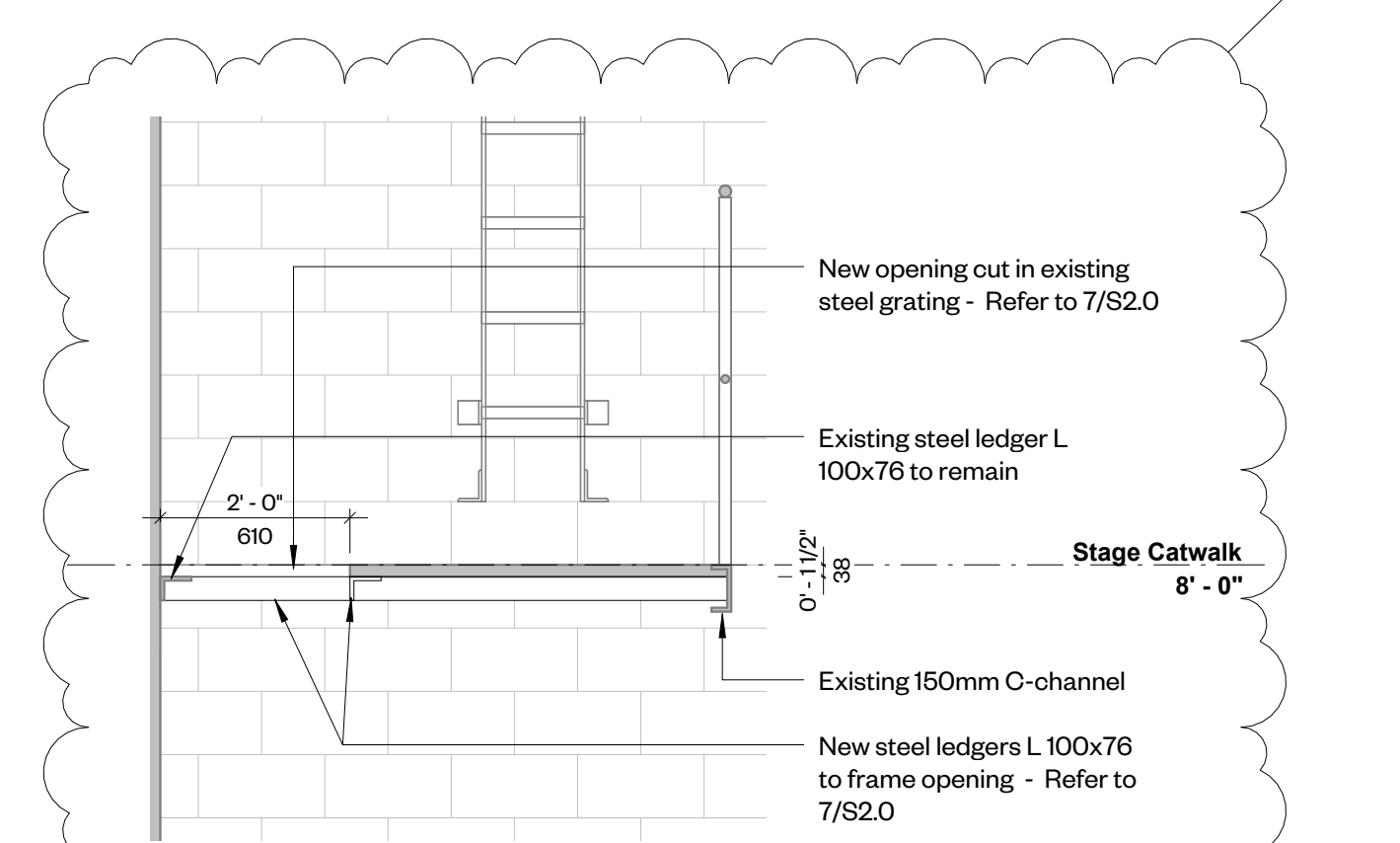
⑤ Detail Section - Ramp Cross Section
1/4" = 1'-0"



⑥ Detail Section - Lower Stair
1" = 1'-0"



⑦ Plan Detail - GWB Cyclorama Wall Corner
1" = 1'-0"



⑧ Detail Section - Stage Catwalk Ladder Opening
1/2" = 1'-0"

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Rev	Description	Date
4	60% Client Review	24.09.03
5	90% Client Review	24.10.07
6	Request for Proposal	24.11.22
8	Addendum 02	24.12.11

Materials Legend	
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PLT	Plaster Finish (Existing)
PT	Paint Finish
RB	Rubber Base
RES	Resilient Sheet Flooring
SS	Stainless Steel

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CSV Lansdowne Auditorium Renovation

338 Lansdowne Avenue
Toronto, ON

PROJECT CODE:	SCALE:
23_27	As indicated
DATE:	STATUS:
December 2024	Request for Proposal

Details - Stage & Ramp

PART 1.0 - GENERAL

1.1 References

- .1 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-4.2- [92], Textile Test Methods.
 - .2 CGSB 4-GP-36M- [78], Carpet Underlay, Fiber Type.
 - .3 CAN/CGSB-4.129- [93], Carpets for Commercial Use.
 - .4 CGSB 20-GP-23M- [78], Cushion, Carpet, Flexible Polymeric Material.
 - .5 CAN/CGSB-25.20- [95], Surface Sealer Floors.

1.2 Samples

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit duplicate 675 x 900 mm pieces of each carpet type specified.
- .3 Include installation recommendations for each type of substrate as specified in carpet manufacturer's installation guidelines and/or Carpet & Rug Institute Installation Standard 2011, where applicable.

1.3 Closeout Submittals

- .1 Submit carpet maintenance recommendations as outlined by the carpet manufacturer for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.
- .2 Include information on recycling of carpet including manufacturer's reprocessing program. Indicate which portions of materials are recyclable. Ensure compliance with Section 2.

1.4 Regulatory Requirements

- .1 Prequalification: compliance with Department of Consumers and Corporate Affairs regulations under "Hazardous Products Act", Part II of the Schedule, tested to CAN/ULC-S102.2.
- .2 Indoor Air Quality: compliance with CRI Indoor Air Quality Program, CRI -IAQ requirements for maximum total volatile chemicals released into air. Label each carpet product with CRI -IAQ label.
- .3 Provide documentation that product meets or exceeds following criteria based on an emission factor measured in mg/m /hr:
 - .1 Total Volatile Organic Compounds - 0.5.
 - .2 Formaldehyde - 0.05.
 - .3 4-phenylcyclohexene - 0.05.
 - .4 Styrene - 0.4.

1.5 Delivery, Storage and Handling

- .1 Label packaged materials. For tile products indicate nominal dimensions of tile.
- .2 Store packaged materials in original containers or wrapping with manufacturer's seals and labels intact.
- .3 Store carpeting and accessories in location as directed by Owner.
- .4 Prevent damage to materials during handling and storage. Keep materials under cover and free from dampness.
- .5 Maintain temperature of store room at a minimum of 20C, for at least 24 hours immediately before the installation

1.6 Waste Management and Disposal

- .1 Place materials defined as hazardous or toxic waste in designated containers.
- .2 Ensure emptied containers are sealed and stored safely for disposal away from children.
- .3 Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan.
- .4 Fold up metal banding, flatten and place in designated area for recycling.
- .5 Collect and separate plastic and/or paper packaging for recycling.
- .6 Use the least toxic sealants and adhesives necessary to comply with requirements of this section.
- .7 Close and seal, tightly, all partly used sealant and adhesive containers and store protected in well ventilated, fire-safe area at moderate temperature.
- .8 Place used hazardous sealant tubes and adhesive containers in areas designated for hazardous materials.
- .9 Collect, package and store carpet cut-offs and waste material for recycling and return to recycler in accordance with Waste Management Plan.

1.7 Project/Site Environmental Requirements

- .1 Moisture: Ensure substrate is within moisture limits prescribed by manufacturer.
- .2 Temperature: Maintain ambient temperature of not less than [18] C from [72] hours before installation to at least 72 hours after completion of work.
- .3 Relative humidity: Maintain relative humidity between 10 and 65% RH for 48 hours before, during and 48 hours after installation.
- .4 Safety: Comply with requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials.
- .5 Ventilation:
 - .1 Ventilate area of work as directed by client by use of approved portable supply and exhaust fans.

1.8 Extra Materials

- .1 Provide extra materials of carpet, carpet base, and adhesives in accordance with Section 01 78 00 - Closeout Submittals.
- .2 Extra Carpet Tile: Full-size units equal to 5 percent of amount installed for each type indicated, but not less than 10.67 sq. yd. (8.9 sq. m).
- .3 Extra materials to be from same production run as installed materials.
- .4 Identify each package of carpet and each container of adhesive.
- .5 Deliver to Owner and store where directed by Owner.

PART 2.0 - PRODUCTS

2.1 Acceptable Manufacturers/Products

- .1 **Carpet Tile CPT-01** (Auditorium Flooring)
 - .1 Dot-to-dot and Didley Dot Collection as manufactured by Interface.
 - .2 Allow for one (1) field colour and one (1) accent colour, to be selected by Consultant from full manufacturer colour range.

- .3 Size: 250mm x 1000mm
- .4 Equivalentents per Section 01 25 00

.2 Carpet Tile CPT-02 (Balcony Stair Treads & Risers)

- .1 Airmaster Classic as manufactured by Tarkett.
 - .2 Allow for one (1) colour, to be selected by Consultant from full manufacturer colour range.
 - .3 Size: 500mm x 500 mm (20in x 20in)
 - .4 Equivalentents per Section 01 25 00
- .3 Installation Method
- .1 To be selected by Consultant from manufacturer recommended installation methods prior to the time of installation.

2.2 Performance Characteristics

- .1 Critical Radiant Flux Classification, Flooring Radiant Panel ASTM E 648: Not less than 0.45 W/sq. cm.
- .2 Smoke Density: Less than 450 per ASTM E662.
- .3 Methanamine Pill Test CPSC FF1-70: Must pass pill test.
- .4 Tuft Bind: Not less than 8 lbf (36 N) according to ASTM D 1335.
- .5 Delamination: Not less than 3.5 lbf/in. according to ASTM D 3936.
- .6 Dimensional Tolerance: Within 1/32 inch of specified size dimensions, as determined by physical measurement.
- .7 Dimensional Stability: 0.119 percent or less according to ISO 2551 (Aachen Test).
- .8 Colorfastness to Crocking: Not less than 4, wet and dry, according to AATCC 129 ad AATCC 164.
- .9 Colorfastness to Light: Not less than 4 after 60 AFU (AATCC fading units) according to AATCC 16, Option E.
- .10 Electrostatic Propensity: Less than 3.5 kV according to AATCC 134.
- .11 Emissions: Provide carpet tile that complies with testing and product requirements of Carpet & Rug Institute's "Green Label Plus" program.

2.3 Accessories

- 1 Stair nosing: #16 Double Flange Carpet Stair Nosing by Roppe
- .2 Carpet grippers: types recommended by carpet manufacturer.
- .3 Seaming tape: types recommended by carpet manufacturer for purpose intended.
- .4 Seaming adhesive: type recommended by carpet manufacturer for purpose intended.
- .5 Binder bars: type recommended by carpet manufacturer.
- .6 Adhesive:
 - .1 Acrylic release type: recommended by carpet manufacturer.
 - .2 Low VOC content in accordance with CRI requirements:
 - .1 Total volatile organic compounds: [10.0]mg/m /hr.
 - .2 Formaldehyde: [0.05] mg/m /hr.
 - .3 2-Ethyl-1l-Hexanol: [3.0] mg/m /hr.
- .7 Carpet protection: non-staining heavy duty kraft paper.

- .8 Concrete floor sealer: to CAN/CGSB-25.20, Type1.
- .9 Subfloor filler: white premix latex requiring only water to produce cementitious paste.
- .10 Metal Edge/Transition Strips: Extruded aluminum with mill finish of width shown and height required to protect exposed edge of carpet, and of maximum lengths to minimize running joints. Provide at edging between carpet flooring and all other floor materials. Submit for review by Consultant prior to installation.

2.5 RECLAMATION

- .1 All carpet provided under this contract to be removed at the end of its' life cycle is at no cost to the Owner and must be sent for reclamation. Manufacturers must provide certification that reclaimed carpet will not go to landfill.
- .2 Reclamation to be third party certified.

3.0 - EXECUTION

3.1 Preparation

- 1 Prepare floor surfaces in accordance with Contract Carpet Manual, Standard for Installation of Textile Floorcovering Materials No.001.
- .2 Concrete Subfloors: Verify that concrete slabs comply with ASTM F 710 and the following:
 - .1 Slab substrates are dry and free of curing compounds, sealers, hardeners, and other materials that may interfere with adhesive bond. Determine adhesion and dryness characteristics by performing moisture and pH tests as recommended by carpet tile manufacturer.
 - .2 Use trowelable leveling and patching compounds that contain a cementitious base with a latex additive, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions 1/8 inch wide or wider and protrusions more than 1/32 inch unless more stringent requirements are required by manufacturer's written instructions.
 - .3 Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet tile manufacturer.
- .3 Broom and vacuum clean substrates to be covered immediately before installing carpet tile.
- .4 Pre-condition carpeting following manufacturer's printed instructions.
- .3 Install toeless type resilient base before proceeding with carpeting.

3.2 Installation

- .1 Install carpeting using minimum of pieces.
- .2 Install in accordance with manufacturer's printed instructions and in accordance with Contract Carpet Manual, Standard for Installation of Textile Floorcovering Materials No.001.
- .3 Finish installation to present smooth wearing surface free from conspicuous seams, burring and other faults.
- .4 Use material from same dye lot. Ensure colour, pattern and texture match within any one visual area. Maintain constant pile direction.
- .6 Fit neatly around architectural, mechanical, electrical and telephone outlets, and furniture fitments, around perimeter of rooms into recesses, and around projections.

3.3 Application of Rubber Base

- .1 Lay out base to keep number of joints at minimum.
- .2 Clean substrate and prime with one coat of adhesive.
- .3 Apply adhesive to back of base.
- .4 Set base against wall and floor surfaces tightly by using 3 kg hand roller.
- .5 Install straight and level to variation of 1:1000.
- .6 Scribe and fit to door frames and other obstructions. Use premoulded end pieces at flush door frames.
- .7 Cope internal corners. Use premoulded corner units for right angle external corners. Use formed straight base material for external corners of other angles.

3.4 Protection of Finished Work

- .1 Perform the following operations immediately after installing carpet tile:
 - .1 Remove excess adhesive, and other surface blemishes using cleaner recommended by carpet tile manufacturer.
 - .2 Remove yarns that protrude from carpet tile surface.
 - .3 Vacuum carpet tile using commercial machine with face-beater element.
- .2 Protect installed carpet tile to comply with Carpet & Rug Institute Installation Standard 2011, "Protecting Indoor Installations."
- .3 When construction or move-in activities will continue where new carpet is installed, provide non-staining building material paper to protect carpet. Do not use plastic sheeting as it can trap moisture, and self-sticking plastic sheeting can transfer adhesive residue to carpet that will attract soil.
- .4 When heavy objects are moved over carpet within 24 hours of installation, use plywood over carpet to prevent buckling and wrinkling.
- .5 Protect carpet tile against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet tile manufacturer.

END OF SECTION