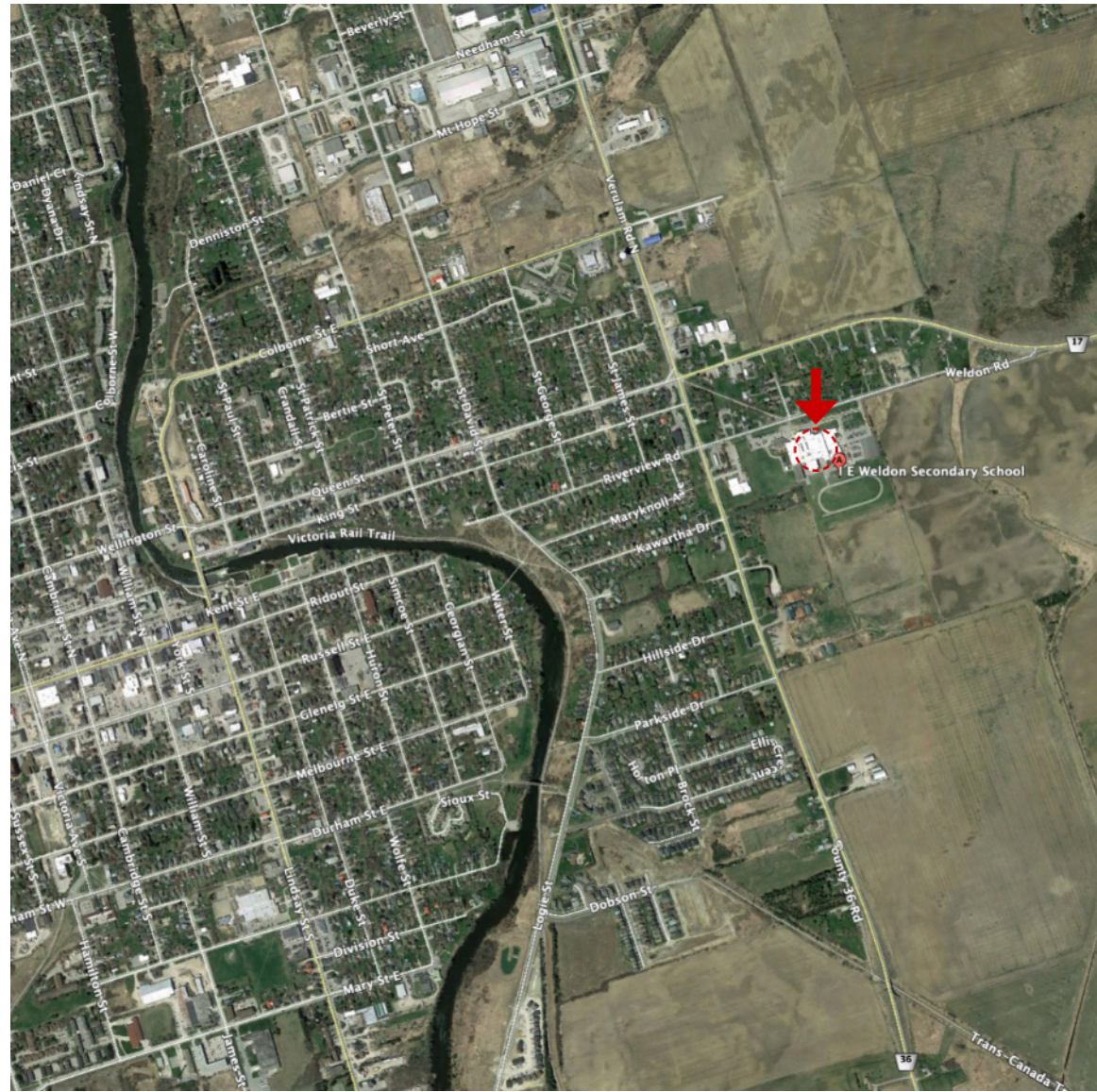


2 Keyplan - Second Floor  
1:500

LOCATION PLAN



Project Address: 24 Weldon Rd, Lindsay, ON K9V 4R4

GENERAL NOTES

1. THESE DRAWINGS FORM PART OF THE CONTRACT DOCUMENTS. REFER TO THE CONTRACT FOR THE COMPLETE LIST OF CONTRACT DOCUMENTS AND THEIR RELATED HIERARCHY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ AND UNDERSTAND THE CONTRACT DOCUMENTS IN THEIR ENTIRETY AND REQUEST CLARIFICATION FROM THE CONSULTANT WHERE NECESSARY.
  2. THESE DRAWINGS, THE APPENDIX A - DETAIL BOOKLET, APPENDIX B - REFERENCE BOOKLET, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND THE SPECIFICATION PROJECT MANUAL ARE TO BE READ IN CONJUNCTION WITH ONE ANOTHER IN THEIR ENTIRETY.
  3. DRAWINGS ARE NOT TO BE SCALED. WHERE DIMENSIONS ARE IN QUESTION THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE CONSULTANT BEFORE PROCEEDING.
  4. KEYNOTES IN THE ARCHITECTURAL DRAWINGS ARE NUMBERED REFERENCES TO THE KEYNOTE LEGEND AND TO THE RELEVANT SPECIFICATION SECTION AND ARE TO BE READ IN CONJUNCTION WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
  5. LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS, UNLESS OTHERWISE NOTED.
  6. THE CONTRACTOR SHALL RETAIN ONE SET OF THE COMPLETE SET OF CONTRACT DOCUMENTS ON SITE AT ALL TIMES FOR REFERENCE INCLUDING ALL ADDENDA ISSUED DURING TENDER, ALL CLARIFICATIONS OR MODIFICATIONS ISSUED DURING CONSTRUCTION IN THE FORM OF SUPPLEMENTARY INSTRUCTIONS AND/OR CHANGE ORDERS/DIRECTIVES.
  7. DETAIL BOOKLET. THE APPENDIX A AND B DETAIL BOOKLET CONTAINS CRITICAL INFORMATION FOR UNDERSTANDING THE WORK:
    - GUIDES FOR ABBREVIATIONS AND GRAPHIC LANGUAGE OF THE ARCHITECTURAL DRAWINGS
    - CODE REQUIRED MOUNTING HEIGHTS AND CLEARANCES
    - CONSTRUCTION ASSEMBLIES
    - TYPICAL DETAILS ORGANIZED BY DIVISION CATEGORY FOR CONCRETE, MASONRY, METALS, WOOD AND PLASTICS, MILLWORK, THERMAL AND MOISTURE AND FIRESTOPPING, DOORS AND WINDOWS, PARTITION ASSEMBLIES, FINISH DETAILS AND INFORMATION FOR WASHROOM ACCESSORIES
    - STRUCTURAL DETAILS (REFER TO STRUCTURAL DRAWINGS FOR REFERENCES)
- SOME OF THESE DETAILS ARE REFERENCED DIRECTLY FROM THE DRAWING SET OTHERS ARE REFERENCED BY THE TAG NUMBERING SYSTEM INDICATED ON THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE CONTENTS OF THE DETAIL BOOKLET AND PROVIDING THE APPROPRIATE TYPICAL DETAIL.

ARCHITECTURAL

#	Sheet
A000	COVER SHEET
A010	CODE COMPLIANCE and DEMOLITION
A200	NEW WORK Rm 210-211
A300	FINISHES Rm 210-211
APPENDIX A	DETAILS

MECHANICAL DRAWINGS

#	Sheet
M-01	MECHANICAL LEGEND, DRAWING LIST, KEY PLAN, SCHEDULES AND PLUMBING FIXTURE SPECIFICATIONS
M-11	HVAC, PLUMBING & DRAINAGE LAYOUTS - MECHANICAL

ELECTRICAL DRAWINGS

#	Sheet
E01	LEGEND, DETAILS & LAYOUTS - ELECTRICAL

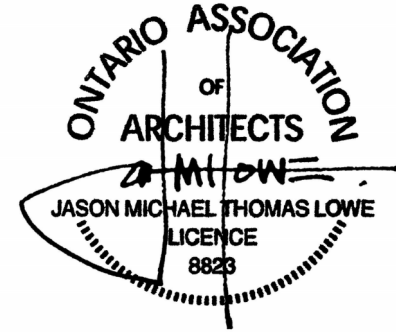
DIMENSIONING CONVENTIONS

- A. ALL DIMENSIONS ON ARCHITECTURAL DRAWINGS ARE CLEAR MEASUREMENTS TO FINISHED FACE UNLESS OTHERWISE NOTED.
- B. THE CONTRACTOR SHALL ENSURE ALL CODE REQUIRED MINIMUM CLEARANCES ARE MAINTAINED IN THE WORK. NOTIFY CONSULTANT WHERE CLEAR OR CRITICAL DIMENSIONS ARE DESIGNATED BUT CANNOT BE ACHIEVED FOR REVIEW AND DIRECTION.
- C. DRAWINGS ARE NOT TO BE SCALED. VERIFY ANY MISSING OR CONFLICTING DIMENSIONS WITH THE ARCHITECT/CONSULTANT PRIOR TO PROCEEDING WITH THE WORK.
- D. MAINTAIN CONSISTANT FINISHED FLOOR DATUM THROUGHOUT THE PROJECT AREA SUCH THAT DIMENSIONS INDICATED AS ABOVE FINISHED FLOOR (AFF) ARE REFERENCED FROM THE SAME DATUM TO MAINTAIN ALIGNMENT OF ELEMENTS HORIZONTALLY.
- E. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK. REPORT ALL DISCREPANCIES TO THE CONSULTANT FOR CLARIFICATION PRIOR TO COMMENCING WORK.
- F. REFER TO APPENDIX A: DETAILS FOR TYPICAL MOUNTING HEIGHTS. BUILDING CODE REQUIRED MINIMUM CLEARANCES ARE TO BE MAINTAINED.



ARCHITECTURE

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MECHANICAL and ELECTRICAL

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Markham, ON Canada  
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Contact: Ming Jia Li, P.Eng.  
Tel: 905-713-0003  
mjli@hlengineering.ca



OWNER

Trillium Lakelands District School Board  
P.O. Box 420  
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Lindsay, ON  
K9V 4S4

Contact: Dan Whalen  
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daniel.whelan@tldsbo.on.ca

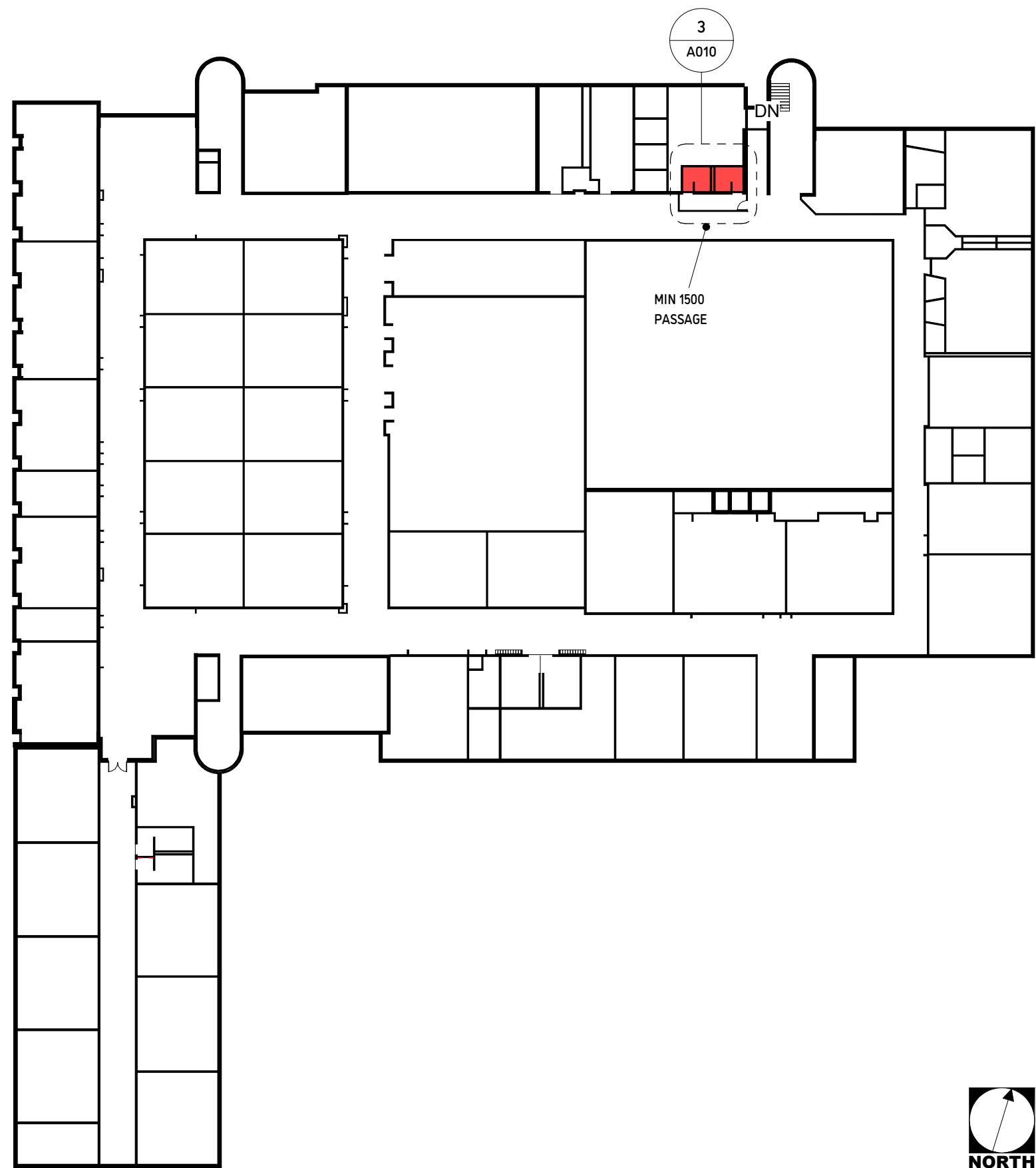
# RFT B25-03 IE Weldon Secondary School Washroom Upgrades

Lindsay, Ontario

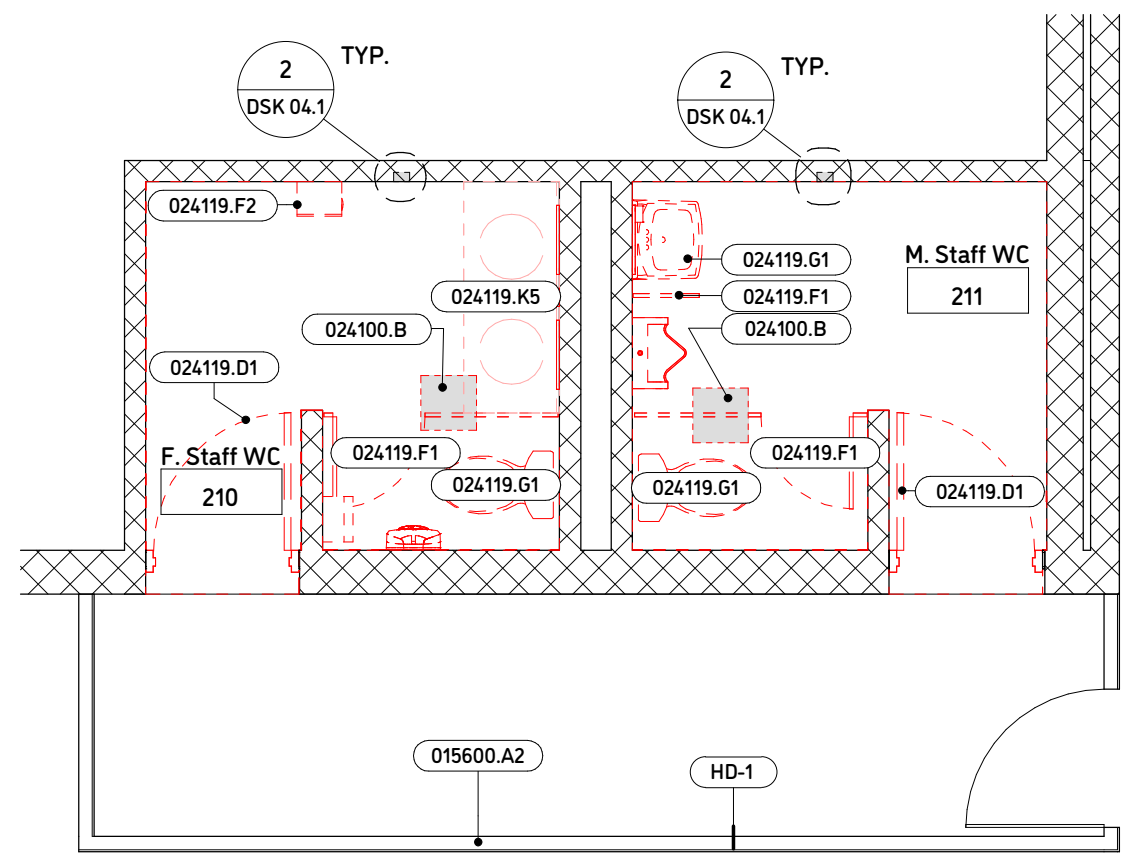
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MARCH 24, 2025

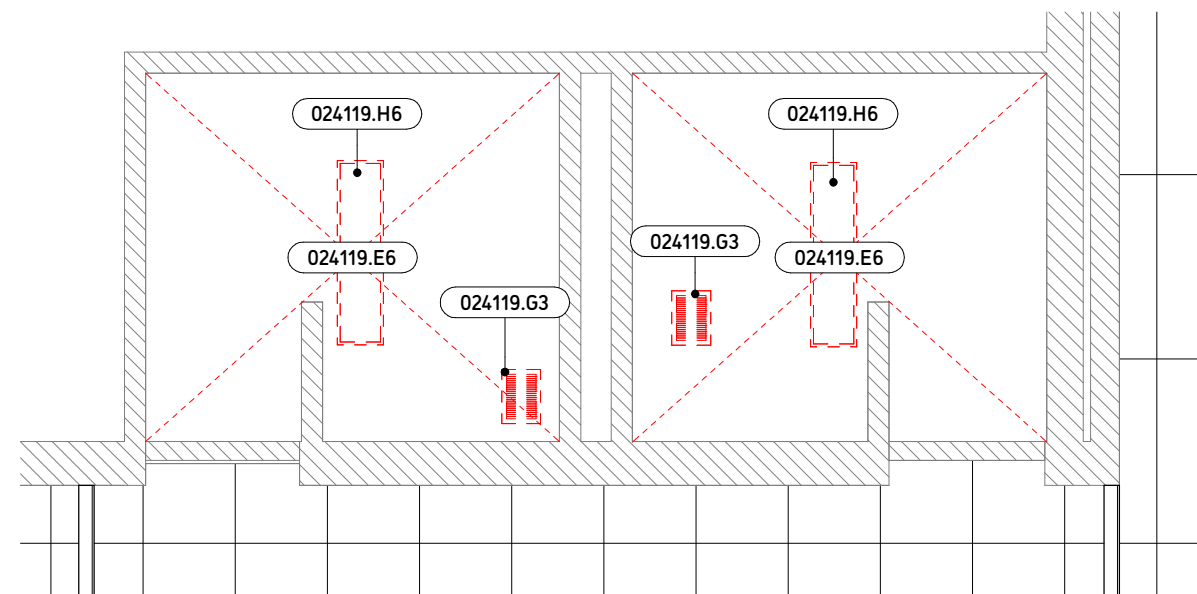




1 DEMOLITION Second Floor Keyplan  
1:500



3 Rm 210-211 DEMOLITION PLAN  
1:50



4 Rm 210-211 DEMOLITION RCP  
1:50

## PRE-CONSTRUCTION REQUIREMENTS

1. **SITE REVIEWS.** REFER TO SPECIFICATION FOR LIST OF REQUIRED ON SITE REVIEWS THAT THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CONSULTANT.

2. **DRAINAGE INSPECTIONS.** A PRE-CONSTRUCTION DRAINAGE INSPECTION HAS BEEN PERFORMED BY THE OWNER FOR THIS PROJECT. REFER TO OWNER'S PROVIDED INFORMATION IN THE RFT DOCUMENTATION. NOTE THAT POST-CONSTRUCTION DRAINAGE INSPECTIONS ARE A REQUIREMENT OF THE CONTRACT. REFER TO MECHANICAL FOR REQUIREMENTS.

3. **AIR FLOW TESTS.** A PRE-CONSTRUCTION AIR FLOW TEST IS REQUIRED PRIOR TO CONSTRUCTION. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS.

4. **DOORS.** ALL DOOR AND DOOR FRAME DIMENSIONS TO BE CONFIRMED BY THE CONTRACTOR ON SITE PRIOR TO SHOP DRAWING PREPARATION. REPORT TO AND REQUEST CLARIFICATION FROM THE CONSULTANT ANY DISCREPANCIES.

5. **HAZARDOUS MATERIALS PROCEDURES.** PRIOR TO ANY ON SITE WORK THE CONTRACTOR IS TO CONSULT WITH THE OWNER AND OBTAIN A COMPLETE UNDERSTANDING OF THE OWNER'S ABATEMENT AND HAZARDOUS MATERIALS PROCEDURES.

## DEMOLITION NOTES

1. READ THESE DRAWINGS IN CONJUNCTION WITH NEW WORK AND ADDITIONAL DEMOLITION SCOPE DESCRIBED IN STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.

2. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION ENGINEERING INCLUDING SHORING AND SCANNING OF EXISTING SLAB ON GRADE AND SUSPENDED SLABS TO PERFORM DEMOLITION WORK. REFER TO STRUCTURAL FOR FURTHER INFORMATION.

3. DEMOLITION FLOOR PLAN DRAWINGS GENERALLY INDICATE THE EXISTING STATE OF THE EXISTING BUILDING. DIAGONAL HATCHED WALLS INDICATE APPROXIMATE EXTENT OF EXISTING CONSTRUCTION TO REMAIN UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, EXTENT OF DEMOLITION AND REMOVALS ON SITE PRIOR TO PROCEEDING WITH THE WORK.

4. BROKEN, DASHED AND RED LINES AND HATCHES GENERALLY INDICATE REMOVALS. SCOPE TO INCLUDE REMOVALS AS REQUIRED TO ACHIEVE NEW WORK.

5. PROVIDE TEMPORARY BRACING AND SHORING TO SUPPORT EXISTING CONSTRUCTION TO ALLOW FOR NEW CONSTRUCTION AS INDICATED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION ENGINEERING REQUIRED TO PERFORM WORK OF CONTRACT. REFER TO STRUCTURAL.

6. REFER TO OWNER'S REQUIREMENTS FOR HAZARDOUS MATERIALS PROCEDURES.

7. UPON REMOVAL OF WALL AND CEILING FINISHES THE CONTRACTOR IS TO EXAMINE ALL WALLS TO IDENTIFY ANY EXISTING DEFICIENCIES IN DESIGNATED FIRE SEPARATIONS AND BRING THEM TO THE ATTENTION OF THE CONSULTANT. REPAIR AND REINSTATEMENT OF FIRE SEPARATION/FIRE STOPPING INTEGRITY WILL BE ADDRESSED THROUGH CONTINGENCY ALLOWANCE.

8. ACCESS DOORS. EXISTING ACCESS DOORS IN WALLS AND CEILING ARE TO BE NOTED AND DIMENSIONED IN PLAN BY CONTRACTOR ON AS-BUILTS AND COORDINATED WITH MECHANICAL AND ELECTRICAL TRADES FOR RE-USE IN NEW WORK IF REQUIRED. IF NOT REQUIRED NOTIFY CONSULTANT. ABANDONED ACCESS DOOR PENETRATIONS IN WALLS TO BE FILLED/REPAIRED AS REQUIRED TO SUPPORT NEW FINISH OVER.

9. SLAB CUTTING AND UNDERSLAB DRAINAGE WORK. REFER TO MECHANICAL. SCOPE OF WORK TO INCLUDE DRAINAGE INSPECTION, VIDEO DOCUMENTATION AND REPORT OF EXISTING UNDERSLAB DRAINAGE SYSTEMS IN AREA OF WORK TO BE FORWARDED TO CONSULTANT PROMPTLY FOR REVIEW.

BID PRICE TO INCLUDE:  
a) SELECTIVE AND CLEAN CUTTING AND REMOVAL OF SLAB TO ACHIEVE NEW WORK INDICATED IN MECHANICAL DRAWINGS AND SPECIFICATIONS.  
b) ASSUME EXCAVATION/TRENCHING TO APPROXIMATELY 600mm BELOW SLAB TO EXPOSE UNDERSLAB DRAINAGE OR INSTALL NEW AS INDICATED IN THE MECHANICAL DRAWINGS.  
c) BACKFILL. SUBSURFACE MATERIAL CONDITION IS TO BE REVIEWED BY CONSULTANT PRIOR TO BACKFILL. REFER TO STRUCTURAL FOR BACKFILL REQUIREMENTS.  
d) NEW SLAB INFILL - REFER TO STRUCTURAL FOR DETAILS.

10. HOARDING. REFER TO APPENDIX A: DETAILS FOR HOARDING DETAILS. CONTRACTOR TO PROVIDE PLYWOOD OR OTHER DUST-PROOF TYPE DOOR INTO EACH HOARDED ZONE. IF KEY IS REQUIRED FOR ACCESS, CONTRACTOR IS TO PROVIDE TLOSB ON-SITE STAFF WITH A KEY FOR ACCESS TO THE WORK SITE(S) AT ALL TIMES.

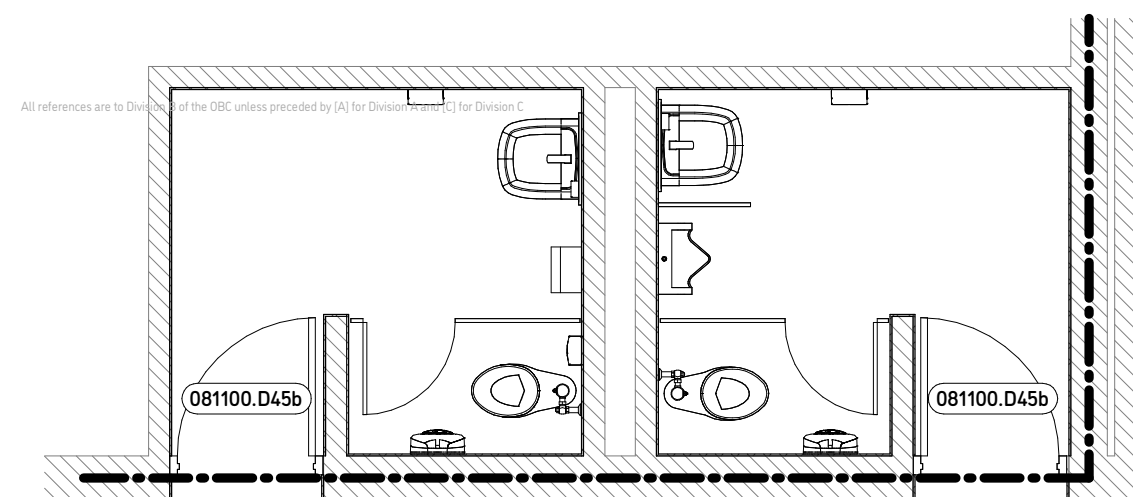
11. WASHROOM ACCESSORIES. IN GENERAL ALL WASHROOM ACCESSORIES TO BE REMOVED UNLESS OTHERWISE NOTED.

12. CEILING GRIDS. UNLESS NOTED OR DIMENSIONED OTHERWISE NEW CEILING GRIDS HAVE BEEN LOCATED TO MATCH EXISTING GRID LAYOUTS TO MAINTAIN EXISTING RELATIONSHIPS TO DUCTWORK, SUPPORTS ETC. CONTRACTOR TO LOCATE AN EXISTING GRID T REFERENCE POINT PRIOR TO DEMOLITION FOR LAYOUT OF NEW GRID AS REQUIRED.

13. PROTECTION. ALL EXISTING TO REMAIN FLOOR, WALL AND CEILING FINISHES AND ANY FIXTURES TO REMAIN ARE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION WITH PLYWOOD, RAM BOARD, FOAM CORNER GUARDS OR OTHER APPROPRIATE MEANS PROVIDED AND MAINTAINED BY THE CONTRACTOR.

## ONTARIO BUILDING CODE DATA MATRIX PART 11

11.00	Building Code Version:	0_Reg. 163/24	Last Amendments:	0_Reg 5/25	OBC Ref.
11.01	Project Type:	<input type="checkbox"/> New <input type="checkbox"/> Change of Use Description: <b>WASHROOM RENOVATION</b>	<input type="checkbox"/> Addition <input type="checkbox"/> Addition and Renovation <input checked="" type="checkbox"/> Renovation		[A] 1.3.3.3B.
11.02	Major Occupancy Classification	Occupancy Assembly (A2)	Use Secondary school		3.1.2.1.(1), 2.1.4.1.(1), and 11.2.1.
11.03	Superimposed Major Occupancies	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Description:		11.2, 3.2.2.5, to 3.2.2.8, and 2.2.1
11.04	Building Area (m2)	No changes to building area			[A] 1.4.1.2, 11.2, and 11.3.
11.05	Building Height	2 Storeys above grade	0 Storeys below grade	Existing - no change	[A] 1.4.1.2 & 3.2.1.1.
11.06	Number of streets/ Firefighter access	street(s)	Existing - no change		3.2.2.10, 3.2.5, 2.2.4.1, and 11.3.
11.07	Building size	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large <input type="checkbox"/> > Large			11.2.1.1, and T.11.2.1.1.B-N.
11.08	Existing Building Classification	Change in Major Occupancy: <input type="checkbox"/> Yes Construction Index: <input checked="" type="checkbox"/> Not applicable (no change of major occupancy) Hazard Index: <input type="checkbox"/> Low Importance Category: <input type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Post-Disaster			10.1.1.2, 11.2.1.1, T.11.2.1.1.A T.11.2.1.1.B to N 4.1.2.1.(3), 2.3.1, and 5.2.2.1.(2)
11.09	Renovation Type	<input checked="" type="checkbox"/> Basic Renovation <input type="checkbox"/> Extensive Renovation			11.3.3.1, 11.3.3.2.
11.10	Occupant Load	Floor Level/Area	Occ. Type	Based On	Occ. Load (Persons)
		Entire School	A2	OTG (On the ground capacity/Design occupancy)	1508 persons
11.11	Plumbing Fixture Requirements	Ratio: Male:Female = 50:50			3.7.4, 11.3.4, 11.3.5, 11.4.2.4, and 11.4.2.5. Tables 3.8.2.3.A and 3.8.2.3.B
		Floor Level/Area	Occupant Load	OBC Reference	Fixtures Required
		Entire School	1508		
		F 754	374.3 (14)	29	37 No change
		M 754	374.3 (14)	25	38 No change
11.12	Barrier-free Design	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explanation:	Existing washrooms are not barrier free and other barrier free washrooms exist on the same floor within 45m	11.3.1.2, 11.3.2, 11.3.3.2.
11.13	Reduction in Performance Level	Structural: <input checked="" type="checkbox"/> No By increase in occupant load: <input checked="" type="checkbox"/> No By change of major occupancy: <input checked="" type="checkbox"/> No Plumbing: <input checked="" type="checkbox"/> No Sewage systems: <input checked="" type="checkbox"/> No Extension of combustible construction: <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes		11.4.2.1, 11.4.2.2, 11.4.2.3, 11.4.2.4, 11.4.2.5, 11.4.2.6.
11.14	Compensating Construction:	<input checked="" type="checkbox"/> No Structural: <input type="checkbox"/> No By increase in occupant load: <input type="checkbox"/> No By change of major occupancy: <input type="checkbox"/> No Plumbing: <input type="checkbox"/> No Sewage systems: <input type="checkbox"/> No Extension of combustible construction: <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes		11.4.3.1, 11.4.3.2, 11.4.3.3, 11.4.3.4, 11.4.3.5, 11.4.3.6, 11.4.3.7.
11.14	Compliance Alternatives Proposed:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			11.5.1
11.15	Notes:	RESERVED			



2 Rm 210-211 FIRE SEPARATIONS  
1:50

## LEGEND

- 0 HR FRR FIRE SEPARATION (SMOKE SEAL)
- 45 MIN FRR FIRE SEPARATION
- 1 HR FRR FIRE SEPARATION
- 1-1/2 HR FRR FIRE SEPARATION
- 2 HR FRR FIRE SEPARATION
- 2 HR FRR FIRE WALL
- EGRESS PATH
- EXIT

## CODE COMPLIANCE - GENERAL NOTES

1. ALL WORK TO BE PERFORMED IN COMPLIANCE WITH THE CURRENT ONTARIO BUILDING CODE 2024 AND THE AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

2. FOR GENERAL NOTES, SYMBOLS AND ARCHITECTURAL ABBREVIATIONS REFER TO APPENDIX A: DETAILS.

3. FIRE SEPARATION CONTINUITY. INDICATED FIRE SEPARATIONS AND ASSEMBLIES ARE TO BE CONTINUOUS AND UNINTERRUPTED AT FLOOR, WALL AND ROOF JUNCTIONS. CONDITION OF EXISTING FIRE SEPARATIONS TO BE REVIEWED WITH ARCHITECT ONCE EXPOSED AT THE COMPLETION OF DEMOLITION.

4. FIRE SEPARATIONS/FIRE STOPPING. ALL NEW AND EXISTING PENETRATIONS THROUGH WALLS, FLOORS AND/OR CEILINGS DESIGNATED AS FIRE SEPARATIONS, NEW OR EXISTING EXPOSED DURING DEMOLITION, SHALL BE FIRE STOPPED AND SMOKE SEALED USING ULC TESTED AND APPROVED SYSTEMS. PATCH AND REPAIR ALL FIRE PROOFING AT BUILDING STRUCTURE WHERE MISSING OR DAMAGED TO MAINTAIN REQUIRED FIRE RATING. SEE DRAWING A010. REFER TO SPECIFICATION SECTIONS 01.33.00 AND 07.84.00.

5. MOUNTING HEIGHTS. REFER TO APPENDIX A: DETAIL BOOKLET FOR CODE REQUIRED BARRIER FREE MOUNTING HEIGHTS FOR ALL PLUMBING AND WASHROOM FIXTURES, ACCESSORIES AND DOOR CONTROLS.

6. CLEARANCES. CODE REQUIRED CLEARANCES ARE INDICATED BY DIMENSIONS IN PLAN AND ARE TO FINISHED FACES AND MUST BE MAINTAINED IN THE COMPLETED WORK.

7. SERVICE PENETRATIONS IN FIRE SEPARATIONS. COORDINATE ALL SERVICE PENETRATIONS, FIRE DAMPERS IN FIRE SEPARATIONS WITH MECHANICAL AND ELECTRICAL SCOPE.

8. CLOSURES. REFER TO DOOR SCHEDULE, APPENDIX A AND THE SPECIFICATIONS FOR REQUIRED RATED DOORS, FRAMES AND RELATED HARDWARE.

## KEYNOTES

Key Value	Keynote Text
015600.A2	HOARDING. Provide dustproof hoarding around local job area for duration of project. Refer to Appendix A: Details for further information. Provide plywood access door c/w hardware to secure jobsite from entry by students. If lock provided ensure that Owner is provided with a key on site for access at all times to the construction area. Ensure minimum 1100mm clear in corridors to maintain means of egress.
024100.B	SUSPENDED SLAB. Provide scanning of existing slabs to determine existing reinforcing prior to coring for new/relocated plumbing.
024119.D1	DOOR. Remove existing door, frame and related hardware.
024119.E6	GYPSPUM/PLASTER CEILING. Remove sections of existing gypsum/plaster ceiling for structural modifications including installation of masonry lateral supports, lintels and repair work, new partition installation and/or modifications to existing, and all M&E services new and/or existing as required to accomplish new work.
024119.F1	TOILET/URINAL/SOWER PARTITIONS. Remove all toilet/shower partitions including floor and wall brackets, doors and related hardware. Patch/repair any holes/damage to substrate to remain.
024119.F2	WASHROOM ACCESSORIES. Remove all mirrors, grab bars, toilet paper, paper towel and soap dispensers, sanitary napkin disposal and vending accessories, coat hooks and shelves. Where in new condition turn over to Owner or retain for reuse as directed by the Consultant. Where accessories are recessed into wall patch/repair/infill void as required to prepare for new finish.
024119.G1	PLUMBING FIXTURES. Remove all plumbing fixtures. Refer to Mechanical for complete removal scope.
024119.G3	EXHAUST GRILLES AND FANS. Remove as indicated in mechanical drawings.
024119.H6	LIGHT FIXTURES. Remove all existing light fixtures. Refer to Electrical for complete removal scope.
024119.K5	VANITY CABINETRY. Remove vanity cabinet and counter.
081100.D45b	New 45 Min FRR door and frame c/w door closer.



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

## RFT B25-03 IE Weldon Secondary School Washroom Upgrades

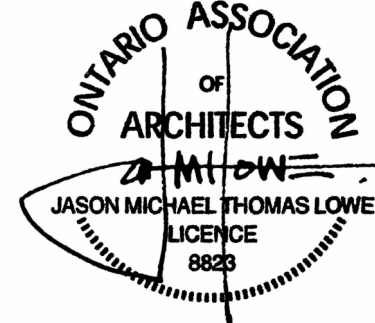
Lindsay, Ontario

## TENDER and BUILDING PERMIT

Issued for:

MARCH 24, 2025

Seal



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PROJECT NO: RFTB25-03 IEW  
DRAWN: JMTL  
CHECKED: JL

Revisions  
# Description Date

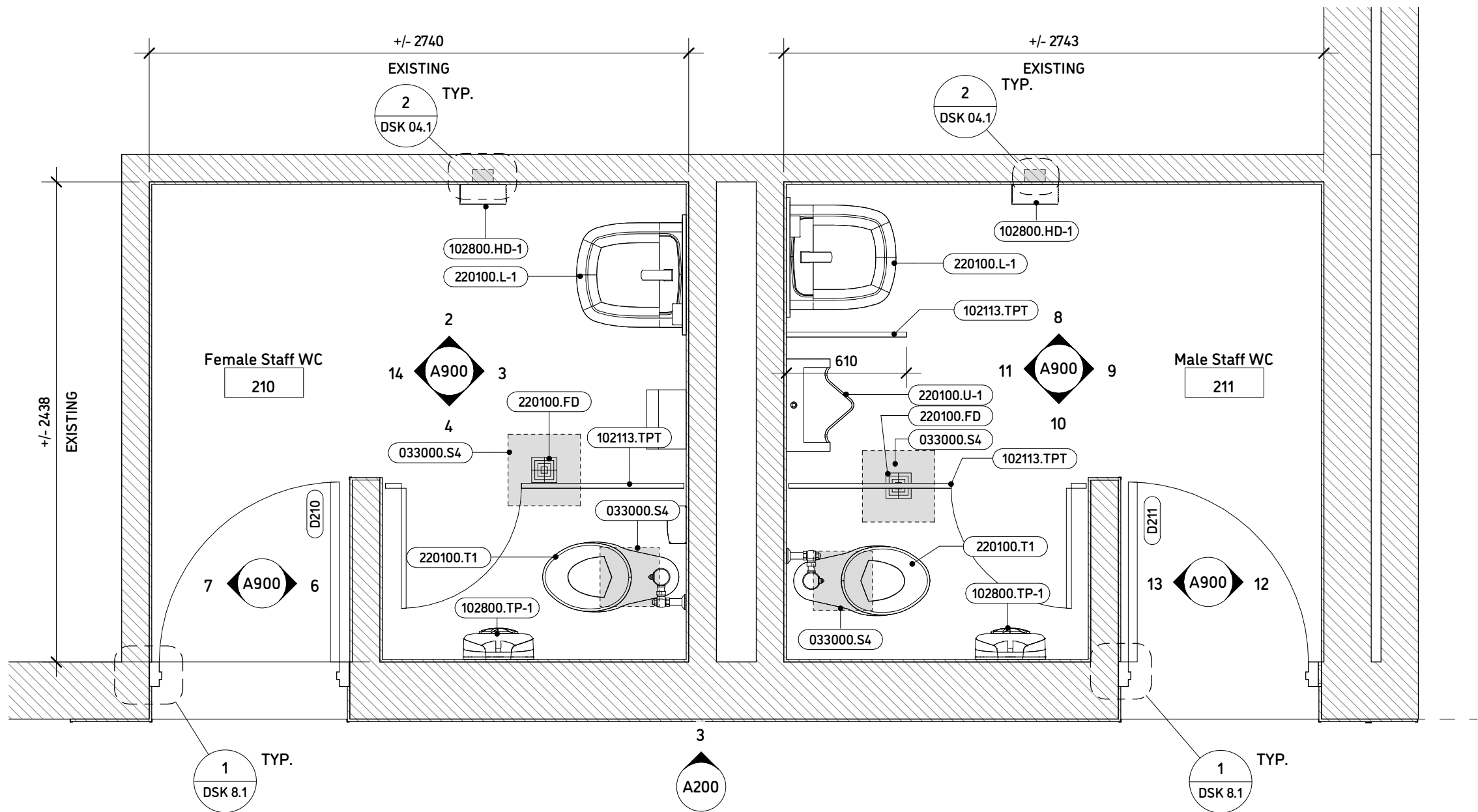
## CODE COMPLIANCE and DEMOLITION

Title

Sheet

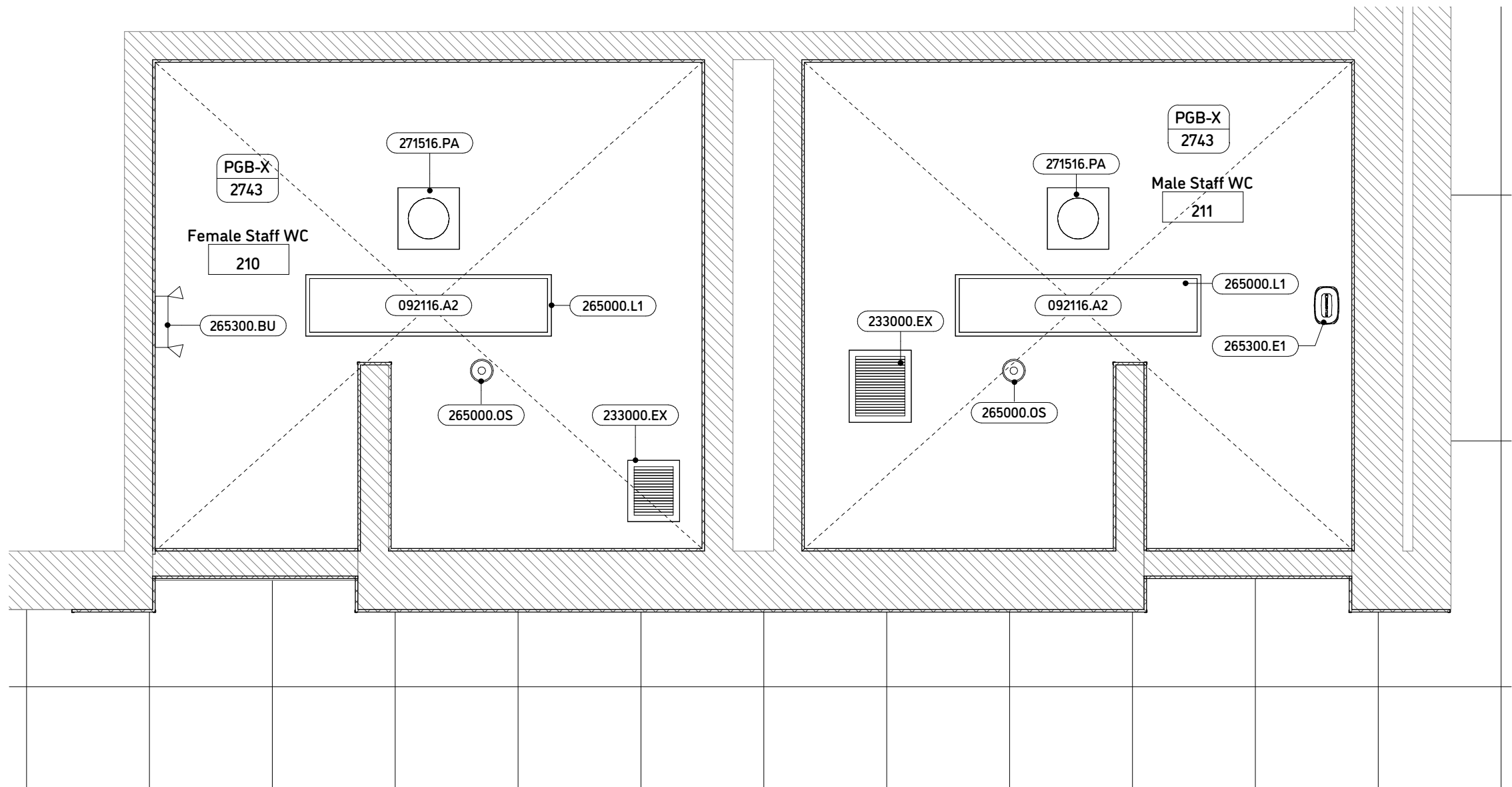
A010





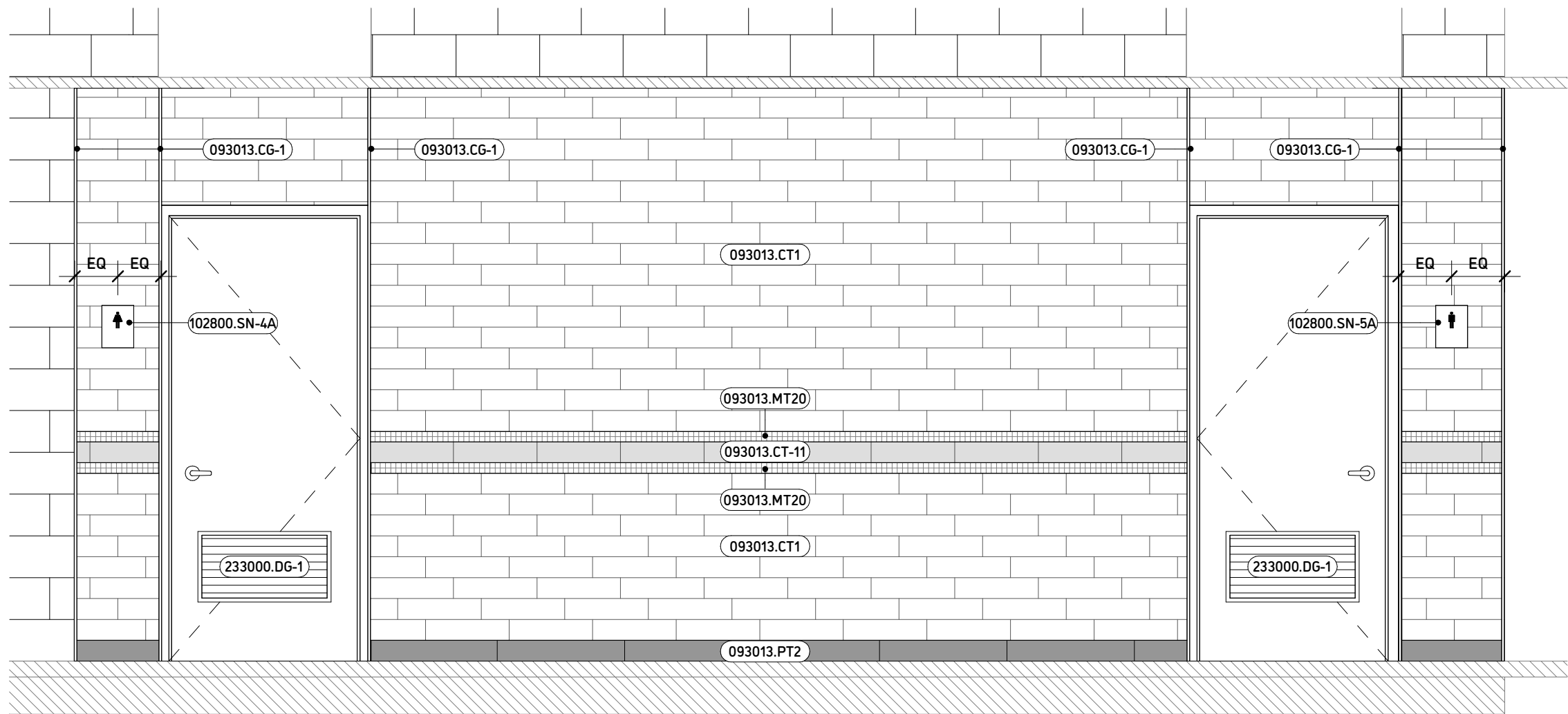
1 Rm 210-211 NEW WORK

1:25



2 Rm 210-211 NEW WORK RCP

1:25



3 Rm 210-211 Corridor North

1:25

## KEYNOTES

Key Value	Keynote Text
033000.S4	CONCRETE REMEDIAL SUSPENDED SLAB. Refer to structural for remedial infill requirements.
092116.A2	GYPSUM CEILING. Patch and repair all openings made for installation of new M&E fixtures and lateral support installations.
093013.CG-1	TILE CORNER TRIM CG-1 Schluter Rondo
093013.CT1	CERAMIC WALL TILE 100x400 Arctic White Bright
093013.CT-11	
093013.MT20	GLASS MOSAIC TILE 25x25 Evening Mixer Blend/midnight Sky Blend - Mosaic Glass Tile.
093013.PT2	PORCELAIN TILE 305x610 Anthracite. Pattern as indicated.
102113.TPT	TOILET PARTITION - Q/H Braced Floor Mount HDPE
102800.HD-1	HAND DRYER. Contractor to provide hand dryer and coordinate installation with Electrical trade. Refer to electrical for power supply.
102800.SN-4A	SIGN. Female Staff Washroom
102800.SN-5A	SIGN. Male Staff Washroom
102800.TP-1	TOILET PAPER HOLDER supply by Owner install by Contractor
220100.FD	FLOOR DRAIN. Refer to mechanical.
220100.L-1	LAVATORY. Refer to mechanical.
220100.T1	TOILET T-1. Refer to mechanical.
220100.U-1	URINAL U-1. Refer to mechanical.
233000.DG-1	DOOR GRILLE. Refer to Mechanical for size.
233000.EX	EXHAUST GRILLE. Refer to mechanical.
265000.L1	LIGHT FIXTURE L1 Refer to Electrical.
265000.OS	OCCUPANCY SENSOR Refer to Electrical.
265300.BU	EMERGENCY LIGHT w/ battery unit Refer to Electrical
265300.E1	EMERGENCY LIGHT E-1 remote unit Refer to Electrical
271516.PA	PUBLIC ADDRESS SPEAKER. Refer to electrical.

## GENERAL NOTES - FLOOR PLAN

1. ALL WORK SHALL COMPLY WITH THE LATEST VERSION OF THE ONTARIO BUILDING CODE, REFERENCED STANDARDS, AND MANUFACTURER'S INSTRUCTIONS.
2. ALL DRAWINGS SHALL BE FULLY COORDINATED BY CONTRACTOR TO VERIFY ALL DIMENSIONS AND WORK BY ALL TRADES.
3. COORDINATE LOCATIONS OF NEW FLOOR, WALL AND ROOF OPENINGS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND LATEST REVIEWED SHOP DRAWINGS.
4. THE CONTRACT DOCUMENTS ARE TO BE READ AS A WHOLE. REFER TO CONTRACT FOR HIERARCHY OF INFORMATION. ARCHITECTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. WHERE CONFLICTS ARE ENCOUNTERED BETWEEN DISCIPLINES THE CONTRACTOR IS TO REQUEST CALRIFICATION FROM THE CONSULTANT IN WRITING.

5. DETAILS AND SECTIONS ON THE DRAWINGS ARE INDICATED AT SPECIFIC LOCATIONS. DETAILS NOTED "TYPICAL" OR "TYP." IMPLY SIMILAR CONDITIONS TO BE TREATED SIMILARLY. MODIFICATIONS TO BE MADE BY CONTRACTOR TO ACCOMMODATE MINOR VARIATIONS. WHERE SIGNIFICANT DIFFERENCES ARE ENCOUNTERED DUE TO SITE CONDITION CONTACT CONSULTANT FOR REVIEW AND DIRECTION PRIOR TO PROCEEDING.

6. FIRE SEPARATIONS/FIRE STOPPING. ALL NEW AND EXISTING PENETRATIONS THROUGH WALLS, FLOORS AND/OR CEILINGS DESIGNATED AS FIRE SEPARATIONS, NEW OR EXISTING EXPOSED DURING DEMOLITION, SHALL BE FIRE STOPPED AND SMOKE SEALED USING ULC TESTED AND APPROVED SYSTEMS. PATCH AND REPAIR ALL FIRE PROOFING AT BUILDING STRUCTURE WHERE MISSING OR DAMAGED TO MAINTAIN REQUIRED FIRE RATING. SEE DRAWING A010. REFER TO SPECIFICATION SECTIONS 0133 00 AND 07 84 00.

7. COORDINATE AND SEQUENCE INSTALLATION OF ALL BLOCKING REQUIRED BY NEW WORK WITH ELEVATIONS AND DETAILS.

8. ACCESS PANELS/DOORS. NOT ALL REQUIRED OR EXISTING ACCESS PANELS, DOORS OR COVERS MAY BE INDICATED ON THE DRAWINGS. CONTRACTOR TO COORDINATE ACCESS DOOR AND PANEL REQUIREMENTS WITH APPROPRIATE TRADES. WHERE CONFLICTS ARISE REQUEST CLARIFICATION FROM CONSULTANT.

9. FLOOR DRAINS. REFER TO MECHANICAL. WHERE EXISTING FLOOR DRAINS ARE POSITIONED HIGH IN NEW WORK ALLOW FOR LOCAL SLAB CHIPPING AND FLOOR LEVELING TO SUIT SLOPE OR FLUSH TO NEW FINISHES INSTALL OF NEW DRAIN BODY.

10. FLOOR FINISHES. FLOOR FINISHES ARE NOT INDICATED ON GENERAL FLOOR PLANS FOR CLARITY. REFER TO FLOOR FINISH PLAN(S) FOR FLOOR FINISH INFORMATION, TILE PATTERNS AND RELATED INFORMATION.

11. CEILING GRIDS. UNLESS NOTED OR DIMENSIONED OTHERWISE NEW CEILING GRIDS HAVE BEEN LOCATED TO MATCH EXISTING GRID LAYOUTS TO MAINTAIN EXISTING RELATIONSHIPS TO DUCTWORK, SUPPORTS ETC. CONTRACTOR TO LOCATE AN EXISTING GRID T REFERENCE POINT PRIOR TO DEMOLITION FOR LAYOUT OF NEW GRID AS REQUIRED.

12. REFER TO APPENDIX A DSK 09 SERIES FOR CONSTRUCTION ASSEMBLIES.

## DIMENSIONING CONVENTIONS

- A. ALL DIMENSIONS ON ARCHITECTURAL DRAWINGS ARE CLEAR MEASUREMENTS TO FINISHED FACE UNLESS OTHERWISE NOTED.

- B. THE CONTRACTOR SHALL ENSURE ALL CODE REQUIRED MINIMUM CLEARANCES ARE MAINTAINED IN THE WORK. NOTIFY CONSULTANT WHERE CLEAR OR CRITICAL DIMENSIONS ARE DESIGNATED BUT CANNOT BE ACHIEVED FOR REVIEW AND DIRECTION.

- C. DRAWINGS ARE NOT TO BE SCALED. VERIFY ANY MISSING OR CONFLICTING DIMENSIONS WITH THE ARCHITECT/CONSULTANT PRIOR TO PROCEEDING WITH THE WORK.

- D. MAINTAIN CONSISTANT FINISHED FLOOR DATUM THROUGHOUT THE PROJECT AREA SUCH THAT DIMENSIONS INDICATED AS ABOVE FINISHED FLOOR (AFF) ARE REFERENCED FROM THE SAME DATUM TO MAINTAIN ALIGNMENT OF ELEMENTS HORIZONTALLY.

- E. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK. REPORT ALL DISCREPANCIES TO THE CONSULTANT FOR CLARIFICATION PRIOR TO COMMENCING WORK.

- F. REFER TO APPENDIX A: DETAILS FOR TYPICAL MOUNTING HEIGHTS. BUILDING CODE REQUIRED MINIMUM CLEARANCES ARE TO BE MAINTAINED.

## Door Schedule

Door #	From	To			Door						Frame			Hardware	Fire Rating	Comments
					Door Type	Width	Height	Thick	Door Material	Door Finish	Frame Type	Frame Material	Finish			
D210	Hallway	224	Female Staff WC	210	D1	914	2134	45	HM	PF	F1	WPSF	PF	HG#5	45 MIN	B, D, F
D211	Hallway	224	Male Staff WC	211	D1	914	2134	45	HM	PF	F1	WPSF	PF	HG#5	45 MIN	B, D, F

## DOOR SCHEDULE - NOTES

1. REFER TO DOOR SCHEDULE COMMENTS COLUMN FOR APPLICABLE NOTE(S)
2. REFER TO APPENDIX A: DETAILS FOR ADDITIONAL DOOR AND FRAME INFORMATION
3. WHERE NEW DOORS ARE TO BE INSTALLED IN EXISTING ROUGH OPENINGS - CONTRACTOR TO CONFIRM EXISTING DIMENSIONS FOR DOOR LEAF, FRAME WIDTH, HEIGHT, PROFILE AND DEPTH AT JAMB AND HEAD AND EXISTING ROUGH OPENINGS PRIOR TO SHOP DRAWING SUBMISSION AND FABRICATION.

- A. NEW DOOR AND HARDWARE IN EXISTING FRAME. CONTRACTOR TO CONFIRM ALL EXISTING DOOR, FRAME AND HARDWARE DIMENSIONS AND COORDINATE NEW DOOR AND HARDWARE WITH EXISTING FRAME PREP. FOR RATED DOORS/FRAMES ENSURE FIELD MODIFICATIONS MEET NFPA 80 REQUIREMENTS FOR ACCEPTABLE FIELD MODIFICATIONS SO AS TO NOT VOID RATING.
- B. PROVIDE NEW DOOR GRILLE. REFER TO MECHANICAL.
- C. CUSTOM SIZE DOOR - CONTRACTOR TO CONFIRM DIMENSIONS ON SITE.
- D. FIRE SEPARATION INFILL REQUIRED ABOVE FRAME.
- E. UNDERCUT REQUIRED - REFER TO MECHANICAL.
- F. PAINT FINISH. DOOR AND FRAME PAINTED. COLOUR TO MATCH EXISTING SCHOOL COLOUR SCHEME IN ADJACENT DOORS.



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

## RFT B25-03 IE Weldon Secondary School Washroom Upgrades

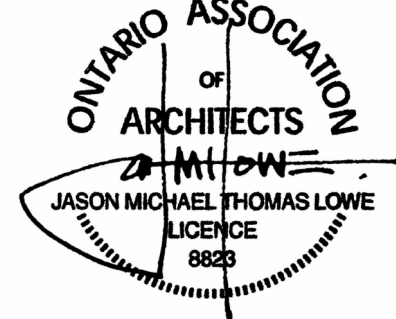
Lindsay, Ontario

## TENDER and BUILDING PERMIT

Issued for:

MARCH 24, 2025

Seal



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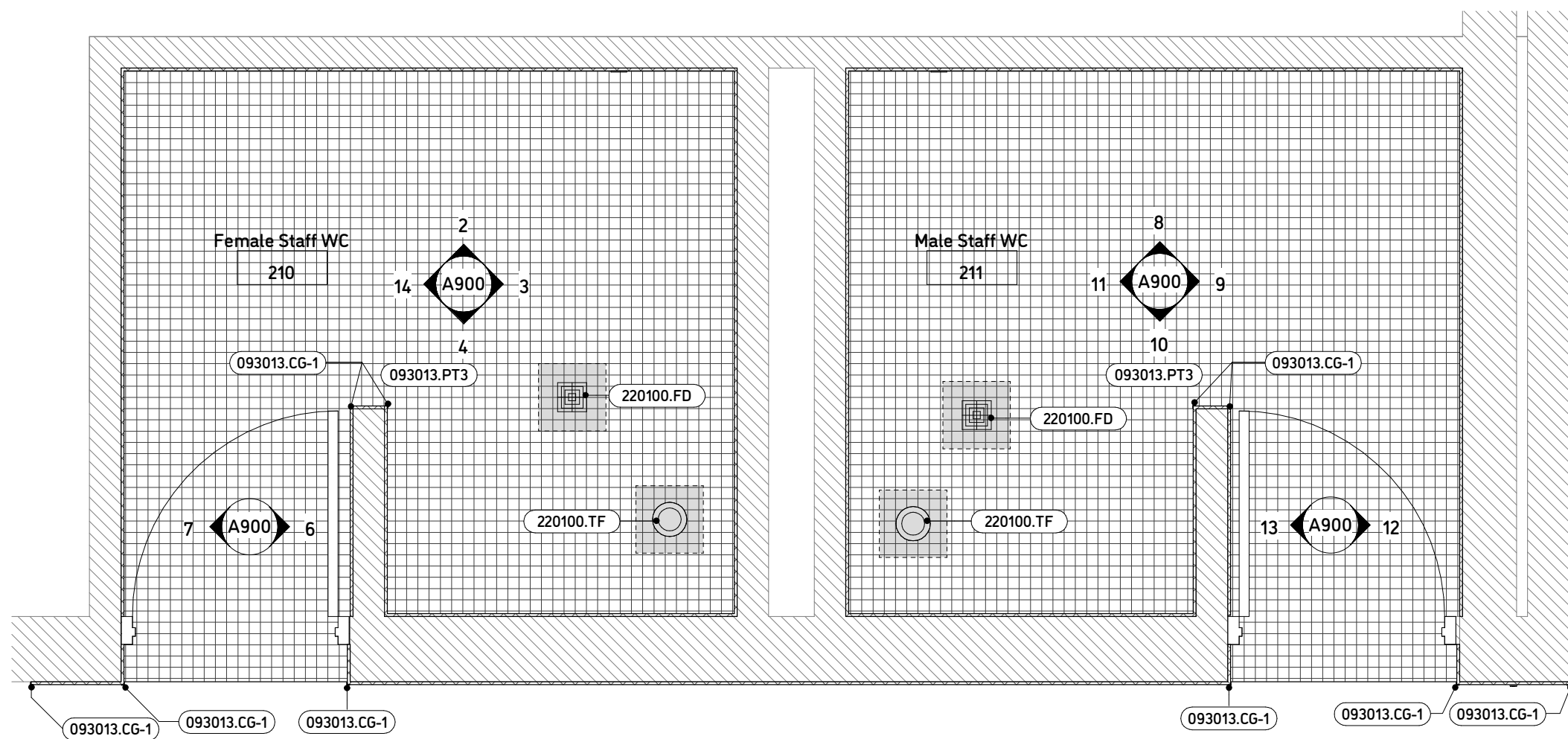
Revisions  
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Title  
**NEW WORK Rm  
210-211**

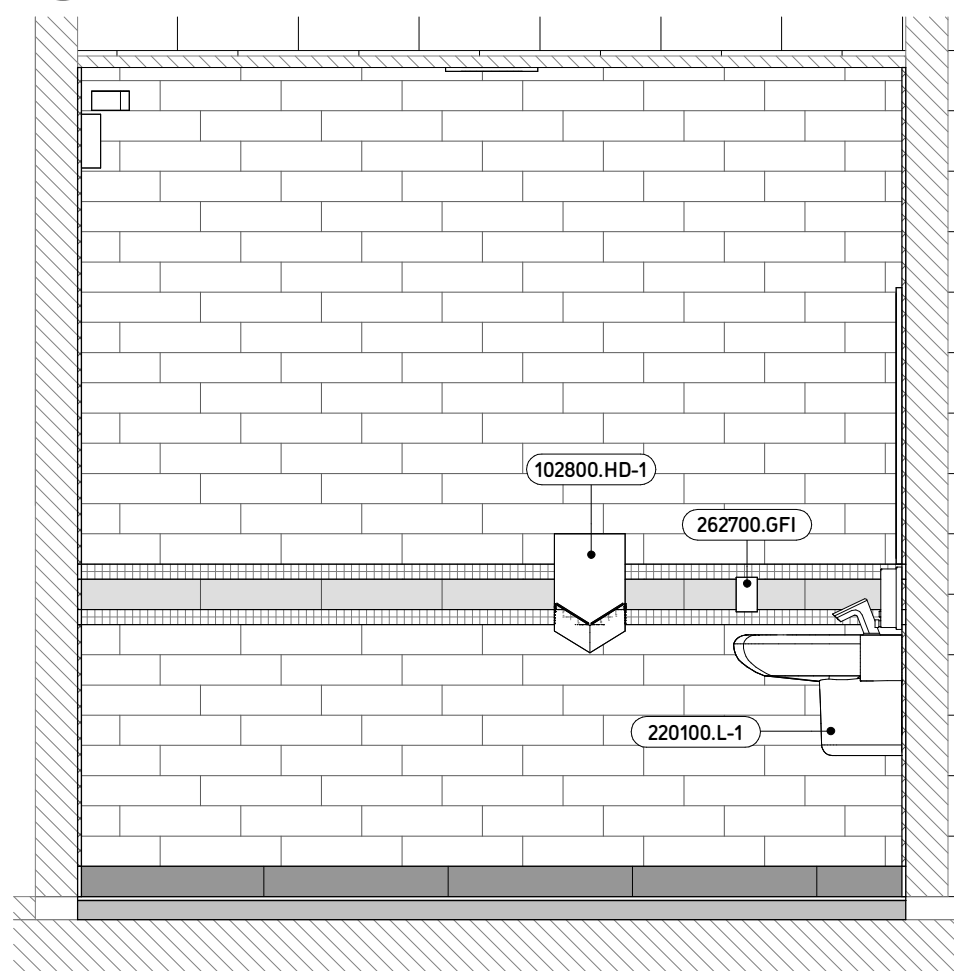
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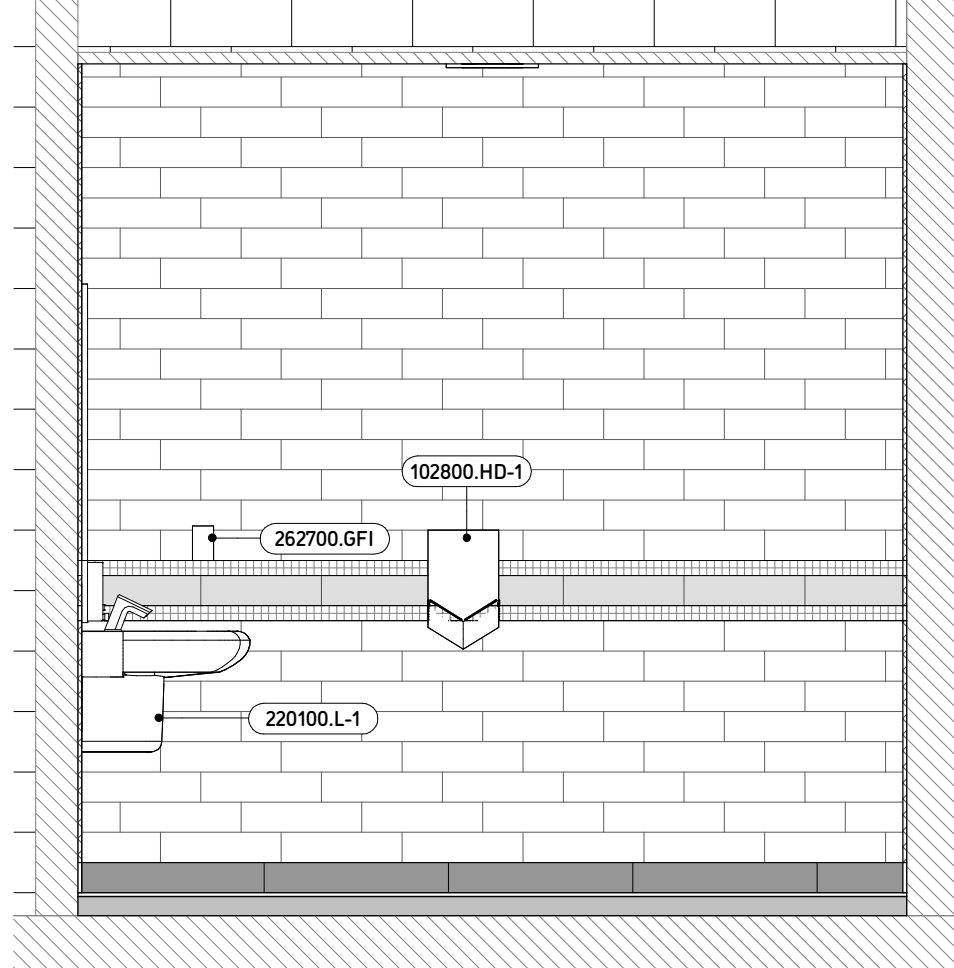




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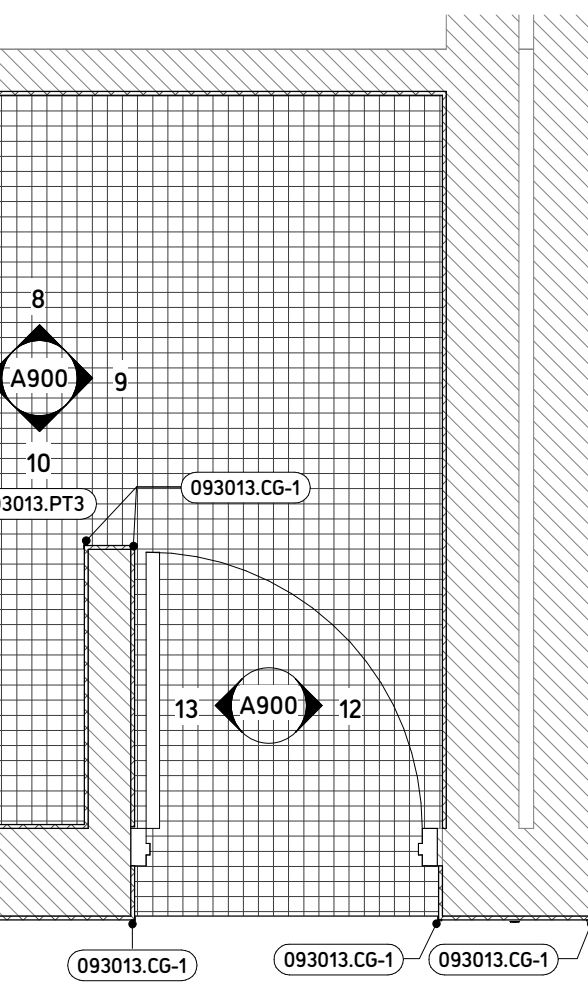
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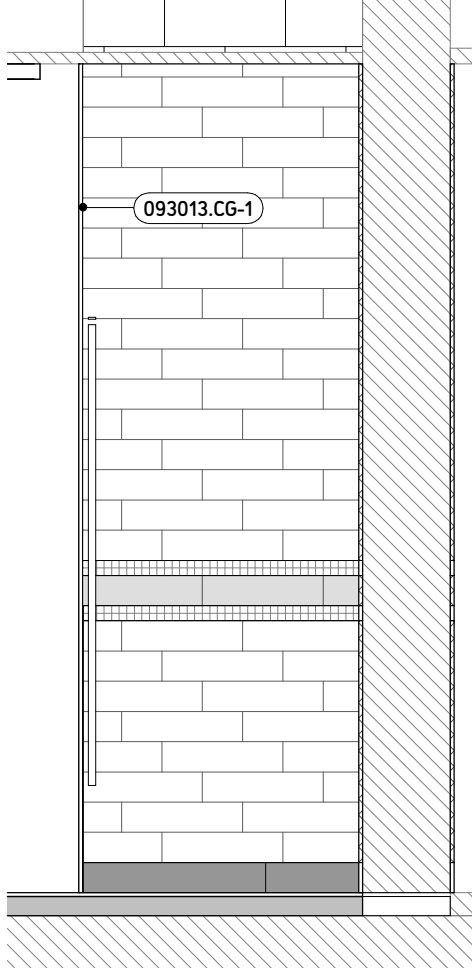
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Room name	Room #	Floor Finish	Wall Finish	Base Finish	Ceiling Finish	Comments
Female Staff WC	210	PT-3	SEE ELEVATION	PT-2	PGB-X	A,B,C
Male Staff WC	211	PT-3	SEE ELEVATION	PT-2	PGB-X	A,B,C

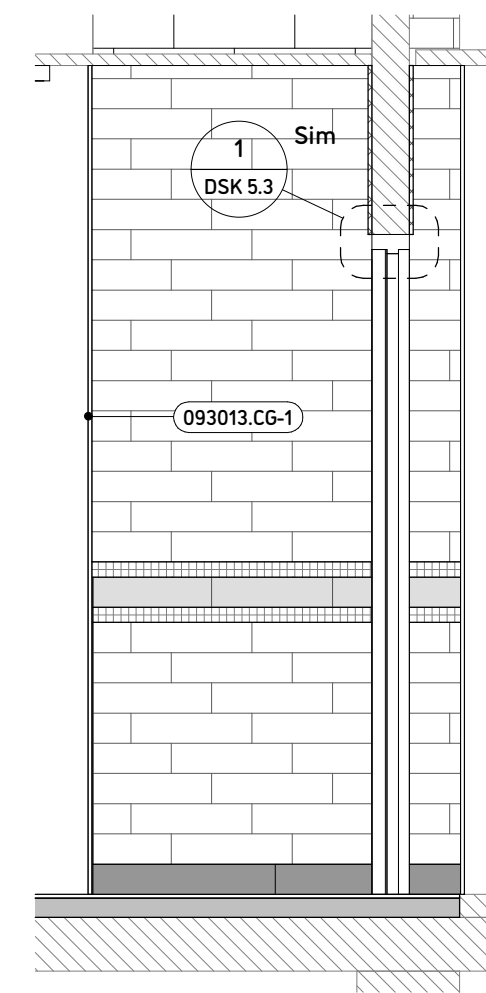
ROOM FINISH SCHEDULE



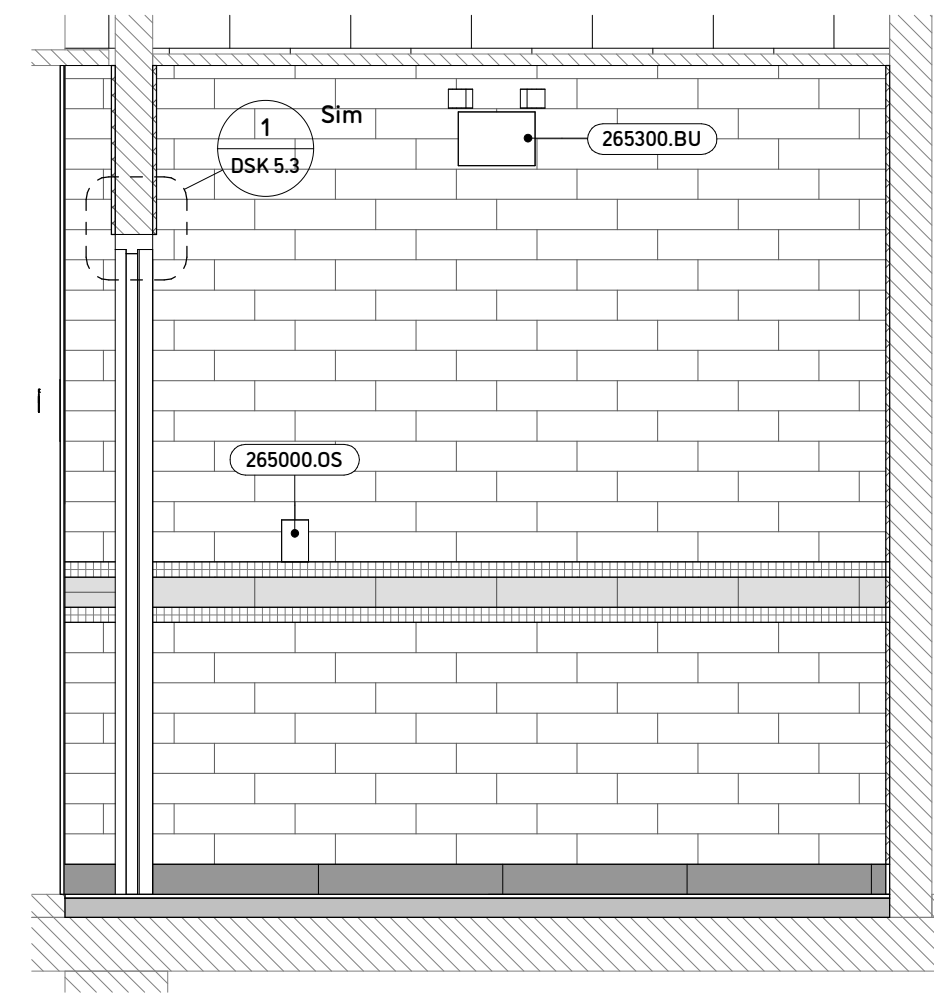
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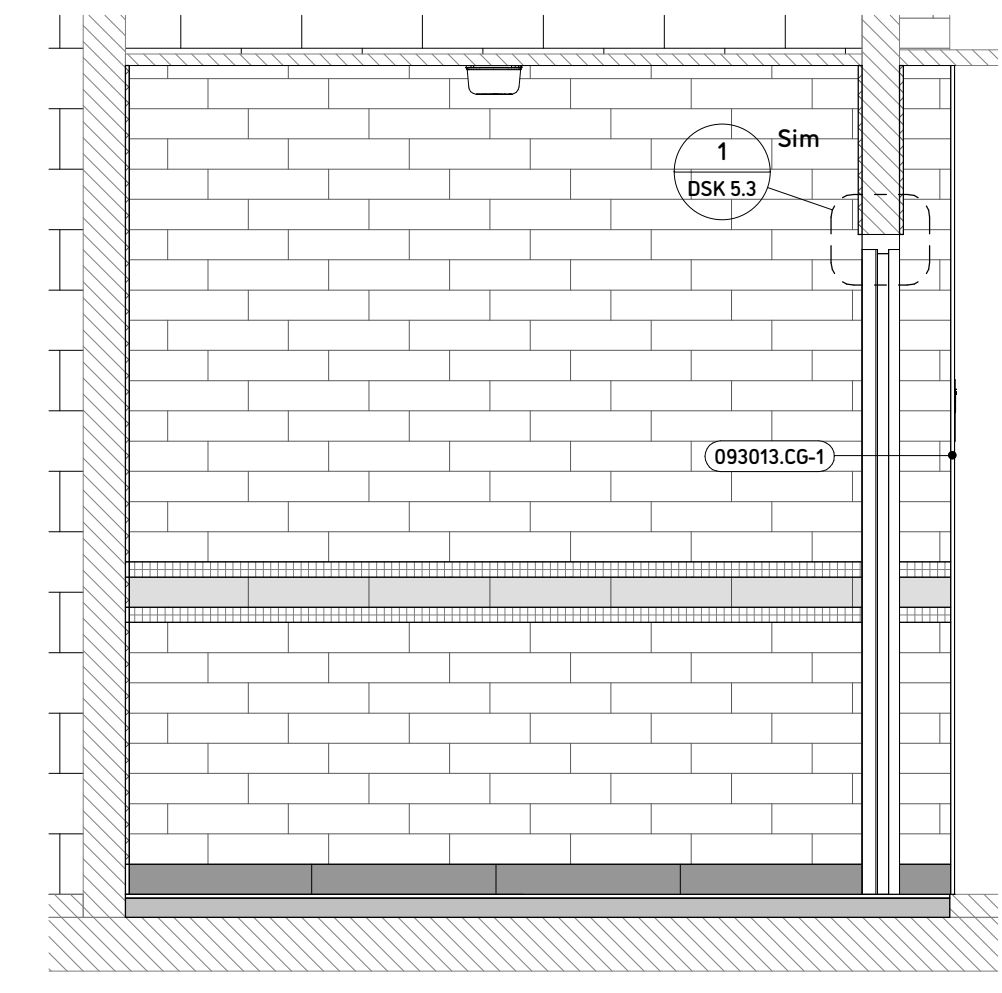
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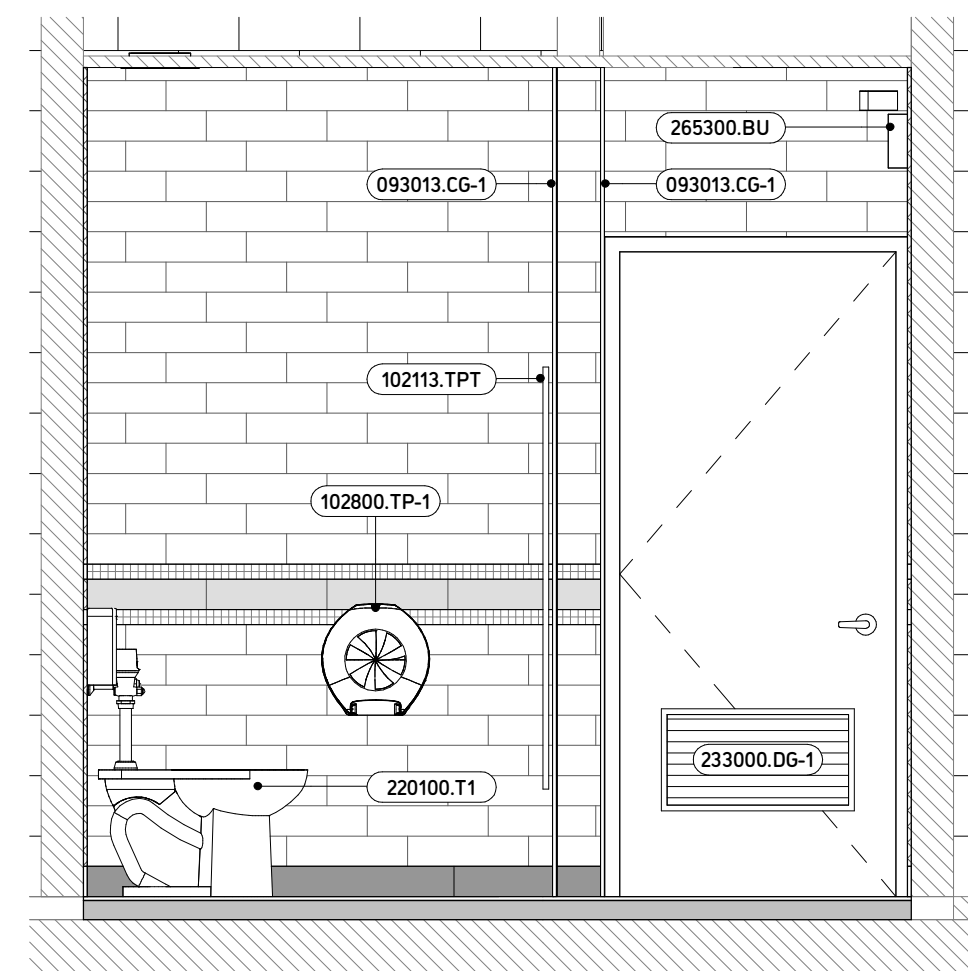
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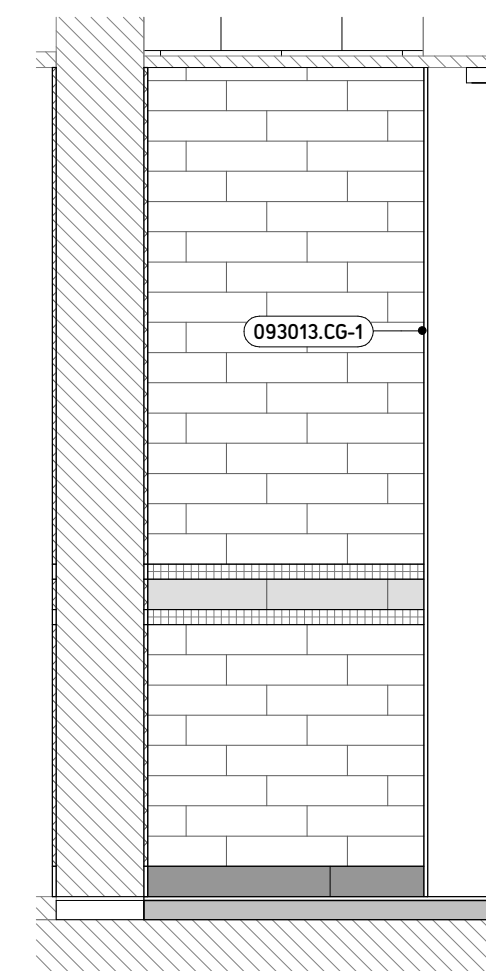
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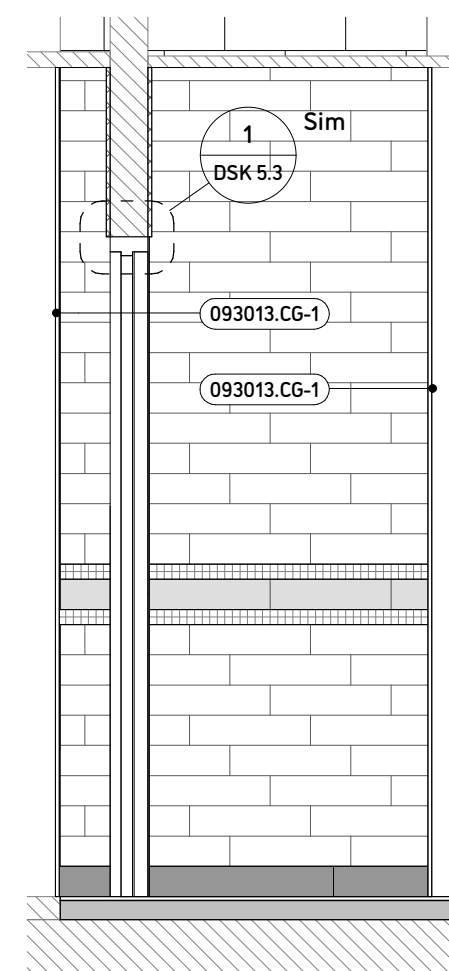
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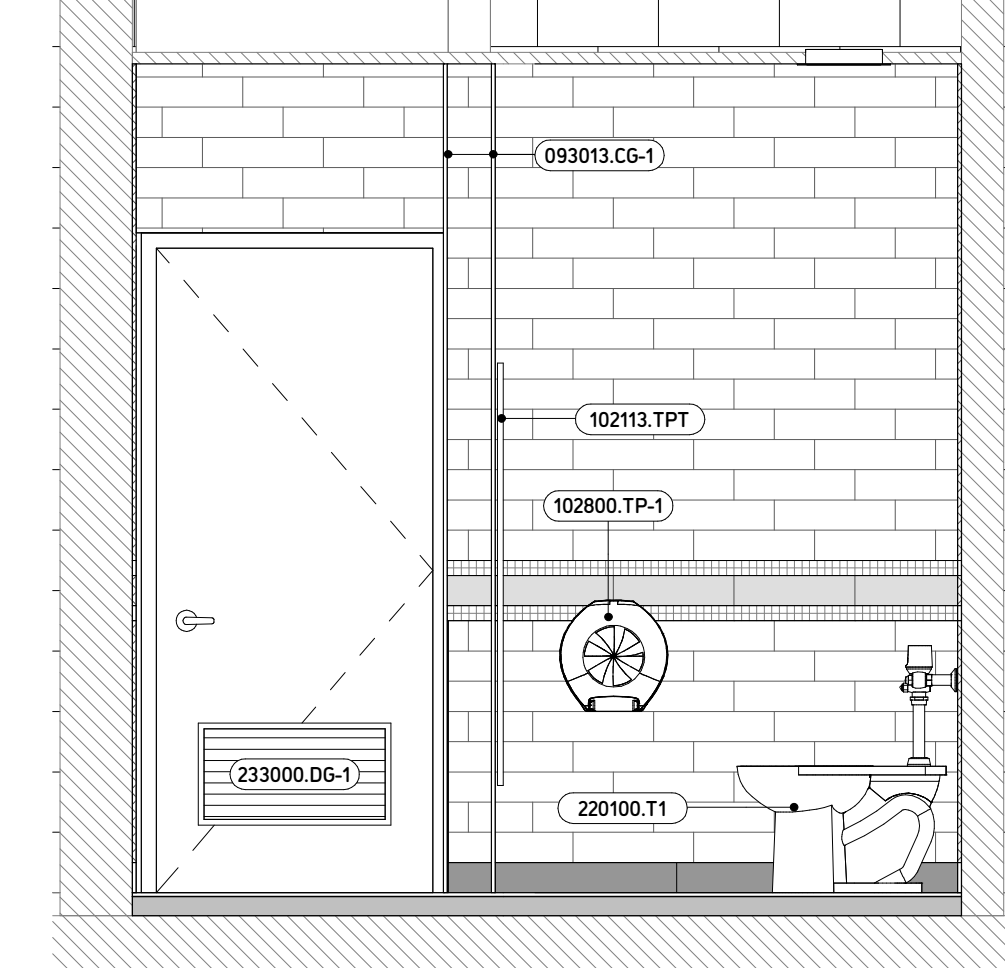
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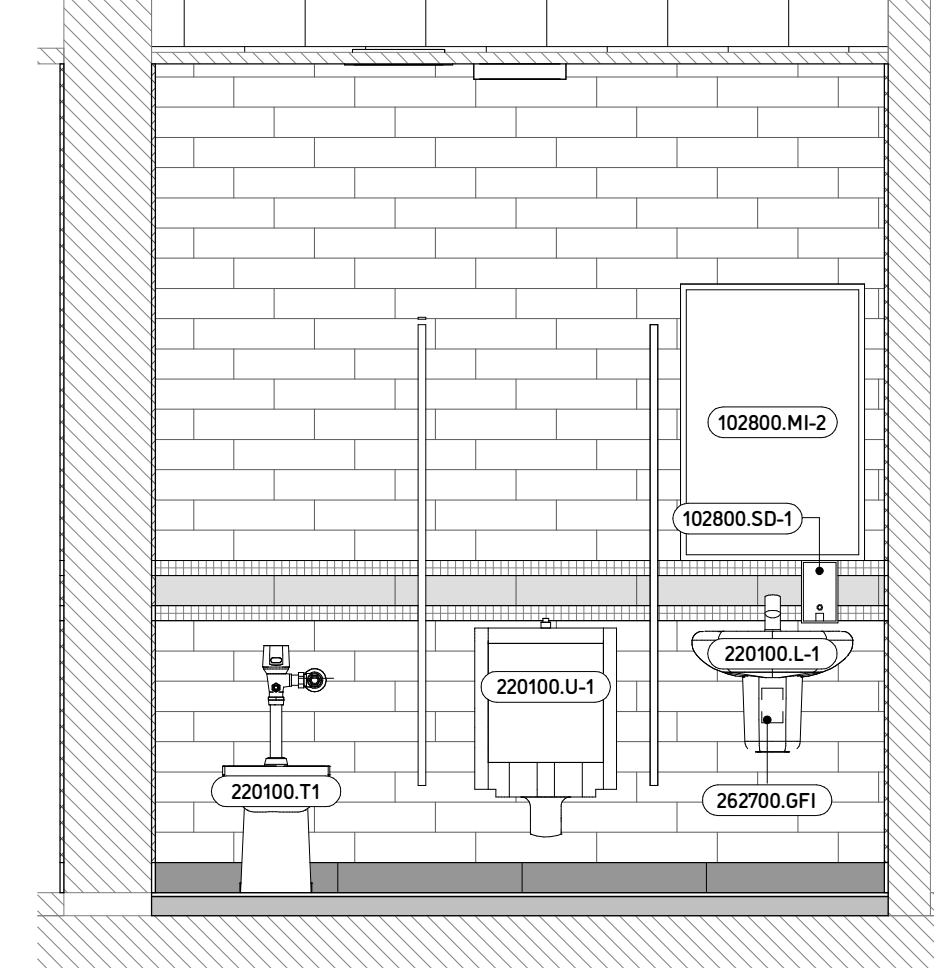
5 Rm 210 West  
1:25



13 Rm 211 Vest West  
1:25



10 Rm 211 South  
1:25



11 Rm 211 West  
1:25

ROOM FINISH SCHEDULE NOTES

1. REFER TO SPECIFICATIONS FOR SPECIFIC PRODUCTS IDENTIFIED BY THE TAG AND KEYNOTES ON DRAWINGS AND SCHEDULES.

PT-X PORCELAIN TILE.  
CT-X CERAMIC TILE.  
MT-X MOSAIC TILE.  
PF PAINT FINISH.  
PME PAINT MATCH EXISTING.  
RB RUBBER BASE.  
VCT VINYL COMPOSITE TILE.  
ACT ACOUSTIC CEILING TILE.  
EXIST. EXISTING FINISH TO REMAIN.  
EXT EXISTING TERRAZZO TO REMAIN

2. REFER TO ELEVATION DRAWINGS FOR FULL EXTENT OF FINISHES.

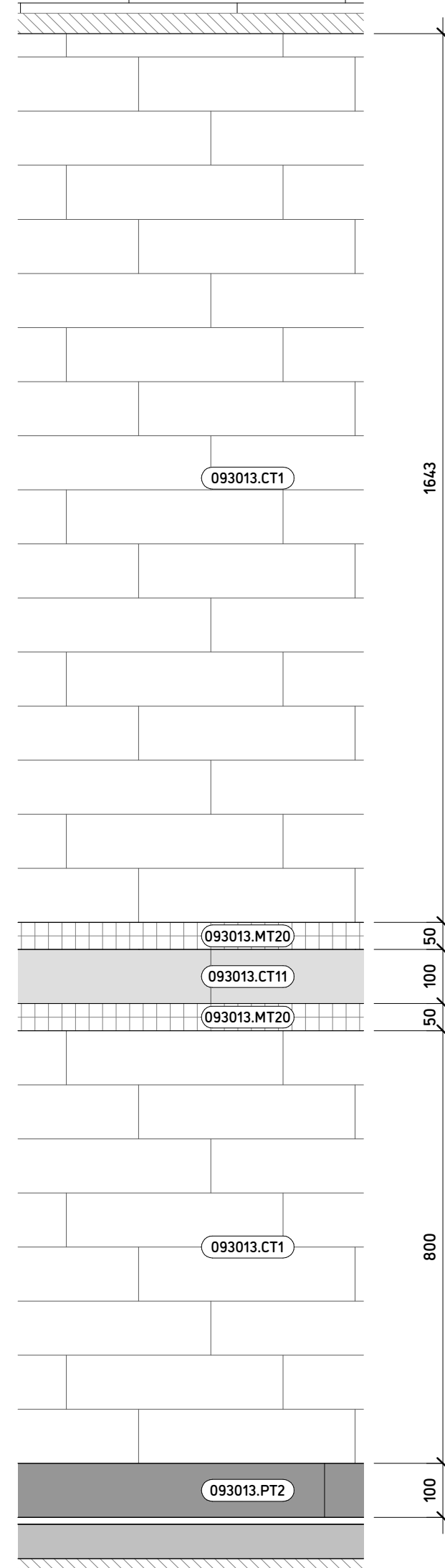
A. DOOR AND FRAME TO RECEIVE PAINT FINISH TO MATCH EXISTING.  
B. GYPSUM CEILING TO RECEIVE PAINT FINISH.  
C. TRANSOM PANEL, GYPSUM TRANSOM PANEL ABOVE DOOR TO RECEIVE PAINT FINISH.

GENERAL NOTES - FINISHES

1. TILE PRE-INSTALLATION MEETING. A PRE-INSTALLATION MEETING IS TO BE COORDINATED BY THE CONTRACTOR AND THEIR TILE TRADE(S), THE ARCHITECT AND THE OWNER PRIOR TO COMMENCING TILE INSTALLATION. REFER TO SPECIFICATION SECTION 013119 FOR FURTHER INFORMATION.
2. KEYNOTE NUMBERS RELATE TO THE SPECIFICATION SECTIONS - REFER TO APPROPRIATE SPECIFICATION SECTION FOR FURTHER INFORMATION.
3. FIXTURES AND ACCESSORIES HAVE BEEN REMOVED FROM VIEW IN FINISH PLANS FOR CLARITY. REFER TO FLOOR PLANS FOR FURTHER INFORMATION.
4. COORDINATE PLUMBING FIXTURE FINISHED HEIGHTS WITH FINISHED FLOOR ELEVATIONS FOR FLUSH INSTALL.
5. PAINTING.  
1. ALL EXISTING PAINTED SURFACES WITHIN AREA OF NEW WORK TO RECEIVE NEW PAINT INCLUDING WALLS, GYPSUM CEILINGS, DOORS, FRAMES AND METAL SUPPORT BRACKETS AND FRAMES (BENCHES AND HOOKS), UNLESS OTHERWISE NOTED. REFER TO SPECIFICATIONS.  
2. ALL NEW GYPSUM BOARD SURFACES TO RECEIVE PAINT FINISH.  
3. COLOUR. PAINT COLOURS ARE TO MATCH EXISTING SCHOOL COLOUR SCHEME(S).  
4. DO NOT PAINT FIRE RATED DOOR GRILLES (TYP).  
5. REFER TO DRAWINGS FOR FINISH REQUIREMENTS FOR EXISTING MILLWORK ELEMENTS.
6. REFER TO APPENDIX A: DETAILS FOR TYPICAL APPLICABLE DETAILS AND MOUNTING HEIGHTS.
7. FOR TYPICAL TOILET STALL ACCESSORIES REFER TO APPENDIX A: DETAILS.
8. FOR TILE PATTERNS - REFER TO DETAIL THIS PAGE UNLESS NOTED OTHERWISE BY KEYNOTES ON ELEVATIONS.

KEYNOTES

Key Value	Keynote Text
093013.CG-1	TILE CORNER TRIM CG-1 Schluter Rondo.
093013.CT1	CERAMIC WALL TILE 100x400 Arctic White Bright
093013.CT11	CERAMIC WALL TILE 100x400 Silver Grey Bright
093013.MT20	GLASS MOSAIC TILE 25x25 Evening Mixer Blend/midnight Sky Blend - Mosaic Glass Tile.
093013.PT2	PORCELAIN TILE 305x610 Anthracite. Pattern as indicated.
093013.PT3	PORCELAIN TILE 50x50 Black Fleck
102113.TPT	TOILET PARTITION - Q/H Braced Floor Mount HDPE
102800.HD-1	HAND DRYER. Contractor to provide hand dryer and coordinate installation with Electrical trade. Refer to electrical for power supply.
102800.MI-2	FLAT MIRROR - 24" x 36"
102800.SD-1	SOAP DISPENSER supply by Owner install by Contractor
102800.SND-1	SANITARY NAPKIN DISPOSAL
102800.SNV-1	SANITARY NAPKIN VENDING MACHINE supply by Owner install by Contractor
102800.TP-1	TOILET PAPER HOLDER supply by Owner install by Contractor
220100.FD	FLOOR DRAIN. Refer to mechanical.
220100.L-1	LAVATORY. Refer to mechanical.
220100.T1	TOILET T-1. Refer to mechanical.
220100.TF	TOILET FLANGE in tile
220100.U-1	URINAL U-1. Refer to mechanical.
233000.DG-1	DOOR GRILLE. Refer to Mechanical for size.
262700.GFI	GFI RECEPTACLE. Refer to electrical.
265000.OS	OCCUPANCY SENSOR Refer to Electrical
265300.BU	EMERGENCY LIGHT w/ battery unit Refer to Electrical



14 Rm 210/211 TILE PATTERN  
1:10



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

RFT B25-03 IE  
Weldon Secondary  
School Washroom  
Upgrades

Lindsay, Ontario

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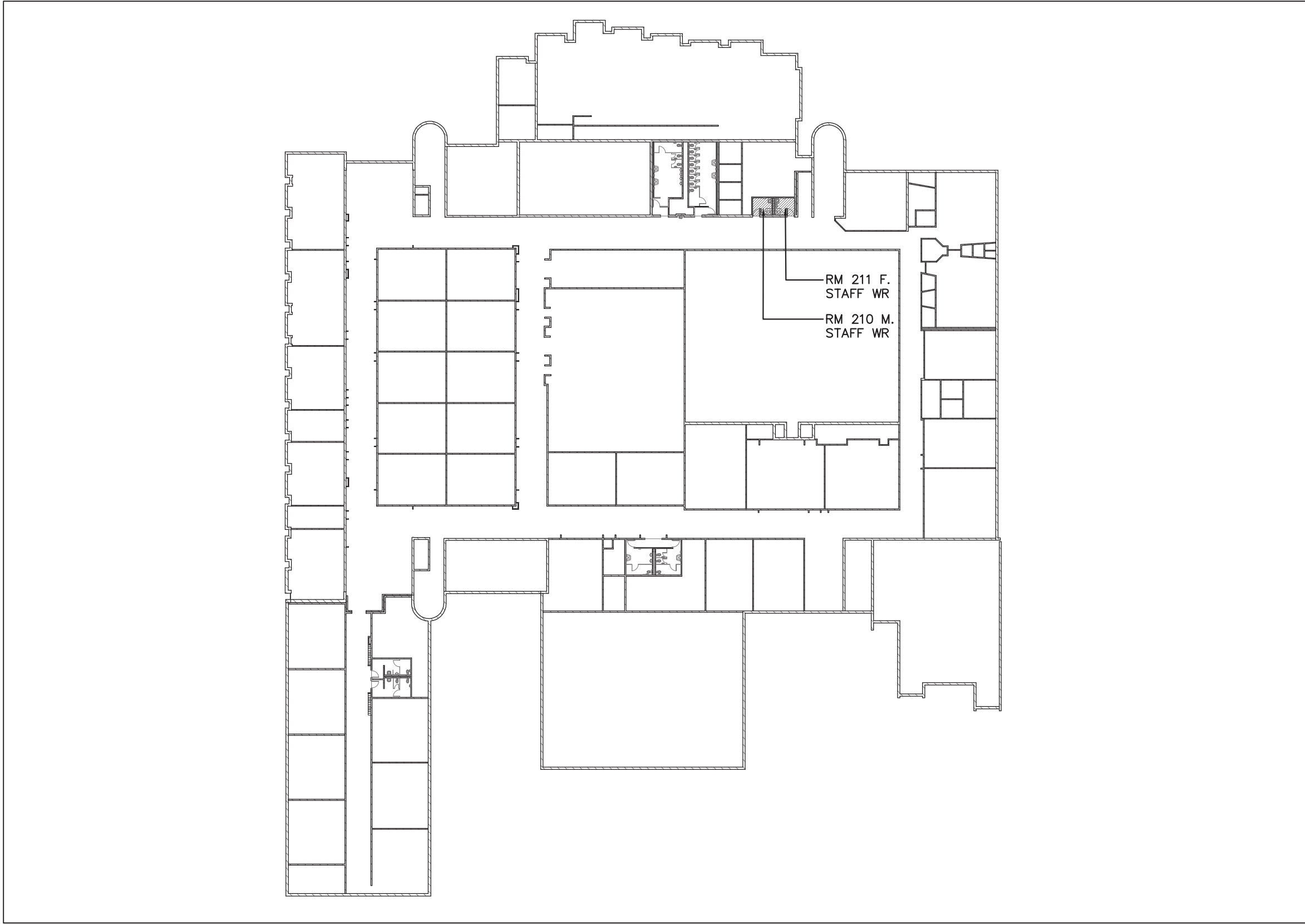
Revisions  
# Description Date

Title  
FINISHES Rm  
210-211

Sheet

A900





1 KEY PLAN – 2ND FLOOR  
M-01 SCALE: N.T.S

PLUMBING FIXTURE SPECIFICATION

1. 'T-1', FLOOR MOUNTED TOILET – VITREOUS CHINA – FOR FLUSHOMETER – EXPOSED – BATTERY POWERED
- AMERICAN STANDARD MADERA FLOWISE ELONGATED #3451.001.020 HET TOILET, 381 MM HIGH, VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, WHITE FINISH, FLOOR MOUNTED, SIPHON JET FLUSH ACTION, OPERATES IN THE RANGE OF 4.2 L TO 6 L (1.1 US GAL TO 1.6 US GAL) PER FLUSH, CONDENSATE CHANNEL, 305 MM X 254 MM (12" X 10") WATER SURFACE, SIPHON JET FLUSH ACTION, CONDENSATE CHANNEL, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS, 38 MM (1-1/2") DIA. TOP SPUD, CENTROD #500STSCC.001 TOILET SEAT, HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, SOLID PLASTIC, LESS COVER, STAINLESS STEEL CHECK HINGES, METAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS
- MOEN COMMERCIAL M POWER BATTERY POWERED EXPOSED STYLE CLOSET FLUSH VALVE, MODEL B310DF16, BRASS CONSTRUCTION W/CHROME PLATED FINISH, 1" IPS SUPPLY, 1-1/2" TOP SPUD, ADJUSTABLE SENSOR EYES, BATTERY POWERED (4) STANDARD AA (INCLUDED), SELF-DIAGNOSTIC ELECTRONICS, PISTON FLUSHING MECHANISM, SELF CLEANING FILTER SYSTEM, LOW BATTERY INDICATOR LIGHT, OPERATING PRESSURE 10 TO 125 PSI, 1.0 GPF UP TO 60 SECONDS/1.6 GPF AFTER 60 SECONDS, 24 HOUR SENTINEL FLUSH, MANUAL OVERRIDE BOTTOM
- PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET.
2. 'U-1', WALL HUNG URINAL – FOR FLUSHOMETER – EXPOSED – BATTERY POWERED
- AMERICAN STANDARD WASHBROOK FLOWISE #6590.001.020 URINAL, VITREOUS CHINA, OPERATES IN THE RANGE OF 0.5 L TO 3.8 L (0.125 US GAL TO 1.0 US GAL) PER FLUSH, WALL HUNG, EXTENDED SIDES FOR PRIVACY, WASHDOWN ACTION, WASHBROOK FLOWISE, FLUSHING RIM, 19 MM (3/4") DIA. TOP SPUD, ELONGATED RIM, INTEGRAL P-TRAP, OUTLET CONNECTION 51 MM (2"), 2 WALL HANGERS, #7301242-100 CHROME PLATED, NON-METALLIC STRAINER, WHITE FINISH, CONTRACTOR SHALL CONFIRM ARCH. DRAWING FOR EXACT MOUNTING HEIGHT.
- MOEN COMMERCIAL MODEL 8315 CHROME PLATED, M POWER VERSION, CAST BRASS BODY, 3/4" TOP SPUD WITH A 3/4" IPS SUPPLY, PISTON FLUSHING MECHANISM WITH ADJUSTABLE SENSOR RANGE AND FLOW CONTROL, LOW BATTERY INDICATOR LIGHT, SELF-CLEANING FILTER SYSTEM, MECHANICAL MANUAL OVERRIDE BUTTON AND VANDAL RESISTANT POLYCARBONATE SENSOR LENS, 0.5GPF (1.9L/FLUSH).
- WATTS #CA-321 FIXTURE CARRIER, MOUNTED ON CONCRETE FLOOR, EPOXY COATED TOP AND BOTTOM UNIVERSAL STEEL HANGER PLATES, HEAVY GAUGE EPOXY COATED STEEL OFFSET UPRIGHTS WITH WELDED FEET SUPPORTS, FOR ONE UNIT: 102 MM (4") FOR TWO TO SIX UNITS IN A ROW: 152 MM (6") FINISHED METAL STUD WALL TO BACK OF PIPE SPACE, WATTS #WJCO URINAL WALL ACCESS CLEANOUT, TWO (2) PIECE EXPANDABLE PLUG WITH 102 MM (4") DIAMETER STAINLESS STEEL ACCESS COVER, SECURED WITH VANDAL PROOF STAINLESS STEEL SCREW, CHAMPION MI-X SERIES IMI-XHUB DRAIN COUPLING, COUPLING, NO-HUB, TYPE 304 AISI STAINLESS STEEL BAND, TYPE 304 AISI STAINLESS STEEL FLEET, ELASTOMERIC COMPOUND GASKET MEETING THE REQUIREMENTS OF ASTM C-564, TYPE 304 AISI STAINLESS STEEL SHIELD, PAINTED RED FOR EASY IDENTIFICATION, TESTED TO MAINTAIN 15 PSI MAXIMUM LINE PRESSURE AT 80 INCH LB MIN TO 100 INCH LB MAXIMUM TORQUE BOLT TIGHTNESS, TESTED BY IAPMO TO COMPLY TO FM 1680-1989 STANDARD (EXCEPT FOR MARKINGS) AND CSA B602-2010 STANDARD (UP TO 10"). THEY ARE TESTED AND CERTIFIED TO ASTM D1540-2011 STANDARD, PER OSHPD CODE APPLICATION NOTICE 5-311.9 REVISED 6/29/2011, SIGNED BY PAUL COLEMAN, SECTION 1 (A) STATES THAT: "THE USE OF COUPLINGS THAT HAVE BEEN TESTED TO CONFORM TO THE PERFORMANCE REQUIREMENTS OF FM APPROVALS, APPROVAL STANDARD 1680, CLASS 1, BY FM APPROVALS OR BY A NATIONALLY RECOGNIZED INDEPENDENT TESTING AGENCY" ARE ACCEPTABLE.
3. 'L-1', WALL MOUNTED LAVATORY, INFRARED SENSOR, BATTERY POWERED
- AMERICAN STANDARD MURRO WITH EVERCLEAN #0955.001EC/0062.000EC BASIN, CENTER HOLE ONLY, 540 MM X 520 MM X 165 MM (21-1/4" X 20-1/2" X 6-1/2") HIGH, VITREOUS CHINA, FOR CARRIER WITH CONCEALED ARMS, REAR OVERFLOW, RECESSED SELF-DRAINING FAUCET LEDGE, ACRYLIC SHROUD (CONCEALED CONTROL BOX AND THERMOSTATIC MIXING VALVE).
- FAUCET:
- MOEN MODEL: CAB302
- ONE PIECE, CAST BRASS CONSTRUCTION ABOVE-DECK WITH VARIOUS FINISHED IDENTIFIED BY SUFFIX. SINGLE MOUNT. VANDAL RESISTANT AERATOR. FLEXIBLE STAINLESS STEEL SUPPLY LINE. VANDAL RESISTANT BELOW-DECK BOX WITH INCLUDED MOUNTING HARDWARE.
- BATTERY (4AA) WITH AC COMPATIBILITY. BATTERY LEVEL INDICATOR WITH LOW BATTERY WARNING LIGHT. BATTERY LIFE: UP TO 8 YEARS. IN-LINE FILTER INCLUDED.
- 0.5 GPM (1.9 L/MIN) VANDAL-RESISTANT MULTI-STREAM LAMINAR FLOW
- THIRD PARTY CERTIFIED TO MEET ASME A112.18.1/CSA B-125.1, AND ALL APPLICABLE REQUIREMENTS REFERENCED THEREIN INCLUDING NSF 61/9 & 372. ADA COMPLIANT.
- FAUCET SENSOR ACTIVATION DISTANCE SHALL BE SET TO 5.5"; FAUCET OPERATION MODE: SENTINEL FLOW SHALL BE SET TO "OFF"; METERING MODE SHALL BE SET TO "OFF".
- MIXING VALVE:
- ZURN MODEL: ZW1070XL AQUA-GARD THERMOSTATIC MIXING VALVE
- THE THERMOSTATIC MIXING VALVE SHALL BE INSTALLED AT THE POINT OF USE TO ASSIST IN THE PREVENTION OF SCALDING. THE VALVE'S EXTREMELY RAPID RESPONSE RATE MAKE IT MOST SUITABLE FOR INSTALLATION AT PLUMBING FIXTURES AND APPLIANCES FOR THE FINAL CONTROL OF WATER TEMPERATURE. THE ZW1070XL IS ASSE 1070 LISTED FOR FIXTURES, SINKS, LAVATORIES OR BATHTUBS AND WILL MIX HOT AND COLD WATER FROM THE DISTRIBUTION SYSTEM TO A FINAL SAFER TEMPERATURE OF 95-115°F (35-46°C). MULTIPLE END CONFIGURATIONS MAKE THIS VALVE SUITABLE FOR ALL RESIDENTIAL AND COMMERCIAL INSTALLATIONS.
- STANDARDS COMPLIANCE: ASSE LISTED 1070. IAPMO LISTED. CSA CERTIFIED B125.70. MEETS THE REQUIREMENTS OF NSF/ANSI 61-9 (0.25% MAX.WEIGHTED AVERAGE LEAD CONTENT).
- PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION. PROVIDE TEMPERED WATER TO HOT SIDE OF FAUCET. MCGUIRE #155WC OFFSET OPEN GRID DRAIN, CAST BRASS ONE PIECE TOP, 17 GA. (1.5 MM) MM TUBULAR 32 MM (1-1/4") TAILPIECE.
- MCGUIRE #155A OPEN GRID DRAIN, CAST BRASS ONE PIECE TOP, 17 GA. (1.5 MM) TUBULAR 32 MM (1-1/4") TAILPIECE. MCGUIRE #LPH170BV, FAUCET SUPPLIES, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") HORIZONTAL EXTENSION TUBES, COMBINATION V.P. LOOSE KEY HANDLES, ESQUITOCHON AND FLEXIBLE COPPER RISERS, MCGUIRE #897ZCB P-TRAP, HEAVY CAST BRASS ADJUSTABLE BODY, WITH SLP NUT, 32 MM (1-1/4") SIZE, BOX FLANGE AND SEAMLESS TUBULAR WALL BEND. WATTS #WCA-411, BASIN CARRIER, CONCEALED ARMS, WALL FLANGES TO ATTACH TO BACKING PLATE SECURED IN WALL WITH LOCKING DEVICE AND LEVELLING SCREWS, HEAVY GAUGE STEEL UPRIGHTS WITH INTEGRAL WELDED FEET. FOR ONE UNIT: 102 MM (4") FOR TWO TO SIX UNITS IN A ROW: 152 MM (6") FINISHED METAL STUD WALL TO BACK OF PIPE SPACE.
4. 'ED', FLOOR DRAIN
- WATTS #FD-100-C-L5-1-6-7 FLOOR DRAIN – EPOXY COATED, CAST IRON BODY, REVERSIBLE FLASHING CLAMP WITH PRIMARY AND SECONDARY WEEPHOLES, SEDIMENT BUCKET, VANDAL PROOF, TRAP PRIMER CONNECTION WITH PLUG, NO HUB OUTLET. WATTS –L5-1 5" x 5" (127 MM X 127 MM) NICKEL BRONZE, HEAVY DUTY, SQUARE STRAINER.

GRILLE & DIFFUSER SCHEDULE

REF. LETTER	TYPE	MAKE/MODEL	DAMPER	FINISH	REMARKS
A	EXHAUST AIR GRILLE	E.H. PRICE MODEL 630	N	SHALL BE APPROVED BY THE ARCHITECT	ALUMINIUM LOUVRED FACE GRILLE, SIZE AS SHOWN ON DRAWING
DG FR	FIRE RATED DOOR GRILLE	NAILOS 81DGR-FR	N	SHALL BE APPROVED BY THE ARCHITECT	SIZE AS SHOWN ON DRAWING
NOTES: –					

PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	D.H.W.	D.C.W.	VENT	SANITARY	NOTES
T-1	TOILET	–	25ø	38ø	76ø	FLOOR MOUNTED, FLUSH VALVE, NO-TOUCH
U-1	URINAL	–	19ø	32ø	51ø	WALL MOUNTED, FLUSH VALVE, NO-TOUCH
L-1	LAVATORY	1/2"	13ø	32ø	32ø	WALL MOUNTED, NO-TOUCH FAUCET

AIR FLOW TEST

- ALL EXISTING AIR FLOW RATE AND DUCT SIZE INDICATED ON THIS DRAWING BASED ON BASE BLDG. MECHANICAL SYSTEM DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY EXACT LAYOUTS AND SIZES ON SITE.
- WITHIN WORKING AREA, PRIOR TO CONSTRUCTION, PERFORM AIR FLOW TEST OF ALL EXISTING HVAC SYSTEMS INCLUDING HVAC UNITS AND DUCT SYSTEMS, SUPPLY, RETURN AND EXHAUST AIR FLOW OF DUCT AND DIFFUSERS/GRILLES, OUTDOOR AIR FLOW, EXTERNAL STATIC PRESSURE OF UNITS. THE REPORT SHALL CONTAIN AIR FLOW AND EXTERNAL STATIC PRESSURE OF HVAC UNIT, ELECTRICAL POWER AND STARTER OF HVAC UNIT. THE REPORT SHALL ALSO CONTAIN AIR FLOW OF DIFFUSERS, GRILLES AND DUCT SYSTEMS. SUBMIT EXISTING AIR FLOW TEST REPORT AND EXISTING MECHANICAL DRAWINGS SHOWING AIR FLOW RATE, DUCT LAYOUT AND SIZE, DIFFUSER/GRILLE LAYOUT AND SIZE. INSPECT CONDITION OF BALANCING DAMPERS AND FIRE DAMPERS.
- PERFORM POST CONSTRUCTION AIR FLOW TEST AND SUBMIT REPORT.

DRAINAGE SYSTEM WORK NOTES:

- AFTER CONSTRUCTION, PERFORM EXISTING BURIED DRAINAGE LINE CAMERA TEST AND SUBMIT VIDEO & WRITTEN REPORT.
- PERFORM UNDERGROUND DRAINAGE LINE CLEANING.
- EXAMINE AND REPLACE ALL EXISTING DAMAGED VENTS WITHIN THE PROJECT WORKING AREA. MODIFY THE EXISTING VENTING SYSTEM TO SUIT NEW PROPOSED LAYOUT AND AS PER O.B.C. REQUIREMENT.
- WHEN UNDERGROUND FLOOR SANITARY LINE ROUGH-IN LAYOUT HAVE BEEN COMPLETE AND PRIOR TO POURING CONCRETE FLOOR, CONTRACTOR SHALL INFORM CONSULTANT FOR INSPECTION OF ROUGH-IN AND ELEVATION OF PIPE LAYOUT.
- EXAMINE AND REPLACE ALL EXISTING ABOVE GROUND DAMAGED DCW & DHW LINES AND VALVES WITHIN THE PROJECT WORKING AREA.

DUCT WORK CLEANING

- CLEAN ENTIRE DUCTWORK SYSTEMS SERVING SCOPE AREAS INCLUDING ALL ASSOCIATED DUCTWORK, DIFFUSERS AND GRILLES SERVING OTHER ROOMS.

MECHANICAL DRAWING LIST

DWG. NO.	DRAWING TITLE
M-01	MECHANICAL LEGEND, KEY PLAN, SCHEDULES AND PLUMBING FIXTURE SPECIFICATIONS
M-11	HVAC, PLUMBING, & DRAINAGE LAYOUTS – MECHANICAL

HVAC LEGEND

SYMBOL	DESCRIPTION
	DUCTWORK (DOUBLE LINE)
	DUCTWORK (SINGLE LINE)
	THERMOSTAT
	BALANCING DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER
	SQUARE SUPPLY AIR DIFFUSER
	RETURN OR EXHAUST AIR GRILLE
	ROUND SUPPLY AIR DIFFUSER
	MANUAL SWITCH
	DOOR GRILLE
	DIFFUSER/GRILLE TYPE X – TYPE Y – SIZE (MM) Z – AIR VOLUME (L/S)

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RECIRCULATION (DHWRC)
	SANITARY VENT
	BURIED SANITARY DRAIN OR IN CEILING SPACE/FLOOR BELOW
	SUSPENDED SANITARY DRAIN
	BURIED STORM DRAIN OR IN CEILING SPACE/FLOOR BELOW
	SUSPENDED STORM DRAIN
	CLEANOUT PLUG
	FLOOR CLEANOUT
	VALVE SHUT-OFF
	BACKFLOW PREVENTOR
	FLOOR DRAIN
	HUB DRAIN
	ELBOW, TURNED DOWN AND TURNED UP
	CAPPED CONNECTION
	BRANCH – TOP CONNECTION
	BRANCH – BOTTOM CONNECTION
	PIPE CUT
	PIPE DOWN
	PIPE UP
	SANITARY ROUGH-IN

ABBREVIATIONS

ABBREV.	DESCRIPTION
CTE	CONNECT TO EXISTING
RE	DENOTES EXISTING DEVICE(S) IN RELOCATED POSITION
R	DENOTES EXISTING DEVICE(S) TO BE RELOCATED
D	DENOTES EXISTING DEVICE(S) TO BE REMOVED
EX	DENOTES EXISTING DEVICE(S) TO REMAIN
N	DENOTES PROVIDE NEW DEVICE(S)
①	DENOTES DRAWING REFERENCE NOTES # 1
	EXISTING SERVICES OR EQUIPMENTS TO BE REMOVED



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

Trillium Lakelands  
District School Board  
IE Weldon SS  
Washroom  
Renovation  
RFT B25-03

24 Weldon Rd, Lindsay,  
ON K9V 4R4

MARCH 2025

Seal



HL ENGINEERING LTD  
7725 BIRCHMOUNT RD, UNIT 46, MARKHAM,  
ON L3R 9X3 905-713-0003 www.hlengineering.ca

DATE: MAR. 2025  
PROJECT NO: 25004D  
SCALE: N.T.S.  
DRAWN: MC  
CHECKED: MY

Revisions

- ISSUED FOR REVIEW 2025-03-17
- ISSUED FOR TENDER 2025-03-21

MECHANICAL  
LEGEND, DRAWING  
LIST, KEY PLAN,  
SCHEDULES AND  
PLUMBING FIXTURE  
SPECIFICATIONS

Sheet

M-01



# Trillium Lakelands District School Board IE Weldon SS Washroom Renovation RFT B25-03

24 Weldon Rd, Lindsay,  
ON K9V 4R4

MARCH 2025

Seal



**HL ENGINEERING LTD**  
7725 BIRCHMOUNT RD, UNIT 46, MARKHAM,  
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DATE: MAR. 2025  
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Revisions

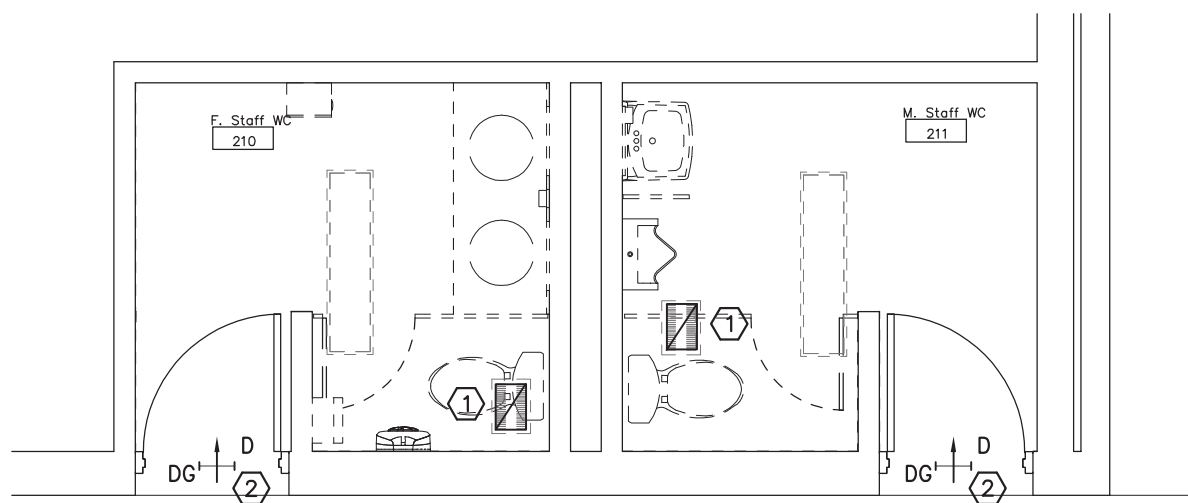
1. ISSUED FOR REVIEW 2025-03-17  
2. ISSUED FOR TENDER 2025-03-21

Title

## HVAC, PLUMBING & DRAINAGE LAYOUTS - MECHANICAL

Sheet

# M-11



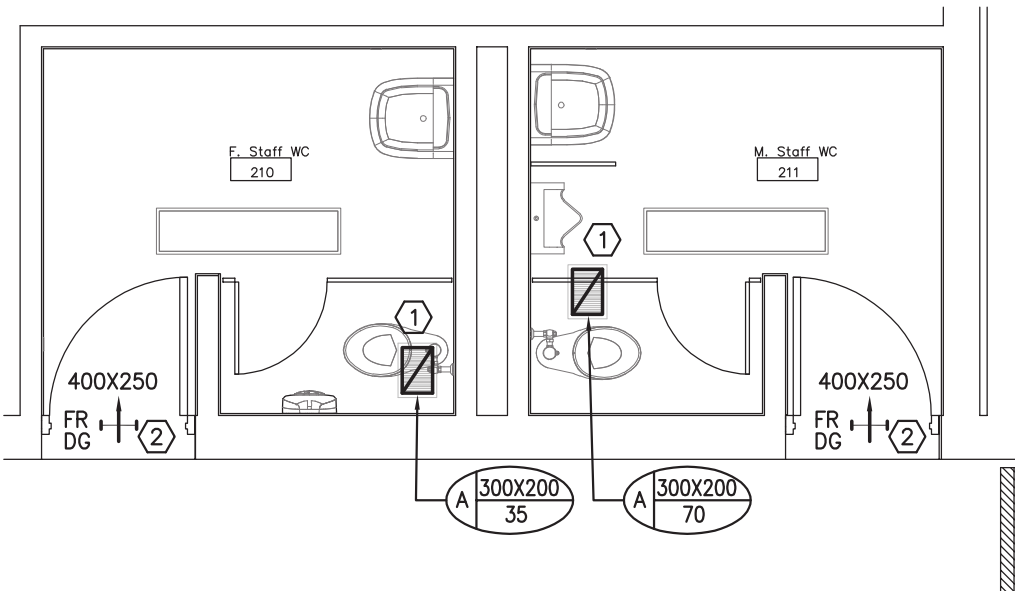
1  
M-11  
EXISTING HVAC PLAN - 210&211  
SCALE: 1:50

### GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- ALL EXISTING MECHANICAL SERVICE/EQUIPMENT TO REMAIN UNLESS INDICATED OTHERWISE.
- ALL EXISTING AIR FLOW RATE AND DUCT SIZE INDICATED ON THIS DRAWING BASED ON BASE BLDG. EXISTING MECHANICAL SYSTEM DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY EXACT LAYOUTS AND SIZES ON SITE.
- CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.

### DRAWING NOTES:

- EXISTING EXHAUST AIR GRILLE 300X200 TO BE REMOVED. VERIFY EXACT SIZE ON SITE.
- EXISTING DOOR GRILLE TO BE REMOVED WITH DOOR.



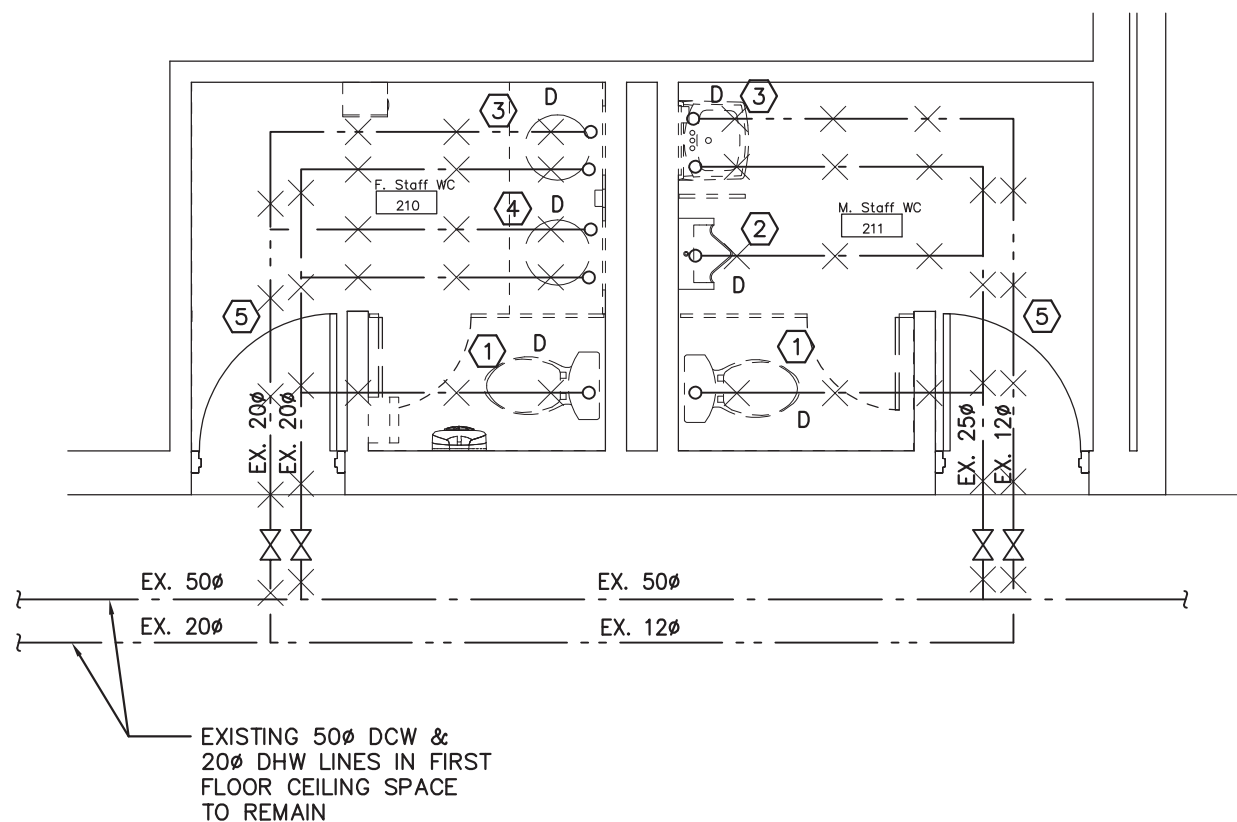
2  
M-11  
PROPOSED HVAC PLAN - 210&211  
SCALE: 1:50

### GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE NEW UNLESS OTHERWISE NOTED.
- TEMPERATURE SENSORS SHALL BE NOMINALLY 1200MM (48 IN.) ABOVE THE FINISHED FLOOR UNLESS INDICATED OTHERWISE.
- DIFFUSER DUCT RUN-OUTS SHALL BE THE SAME SIZE AS THE DIFFUSER INLETS UNLESS INDICATED OTHERWISE.
- RE-BALANCE AIR FLOW AS SHOWN ON DRAWING.
- COORDINATE ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATIONS OF GRILLES AND DIFFUSERS.
- CONTRACTOR TO VERIFY EXISTING FIRE DAMPER LOCATIONS WITHIN SCOPE AREA. PROVIDE FIRE DAMPERS ON EXISTING DUCTS WHERE DUCTS PENETRATE FIRE SEPARATIONS WHEN REQUIRED.

### DRAWING NOTES:

- PROVIDE NEW GRILLE CONNECTED TO EXISTING. RE-BALANCE AIRFLOW TO L/S AS INDICATED ON DRAWING. PROVIDE NEW BALANCE DAMPER IF REQUIRED. VERIFY EXACT SIZE ON SITE.
- PROVIDE NEW FIRE RATED DOOR GRILLE C/W UL LISTED FUSIBLE LINK AT LOW LEVEL.



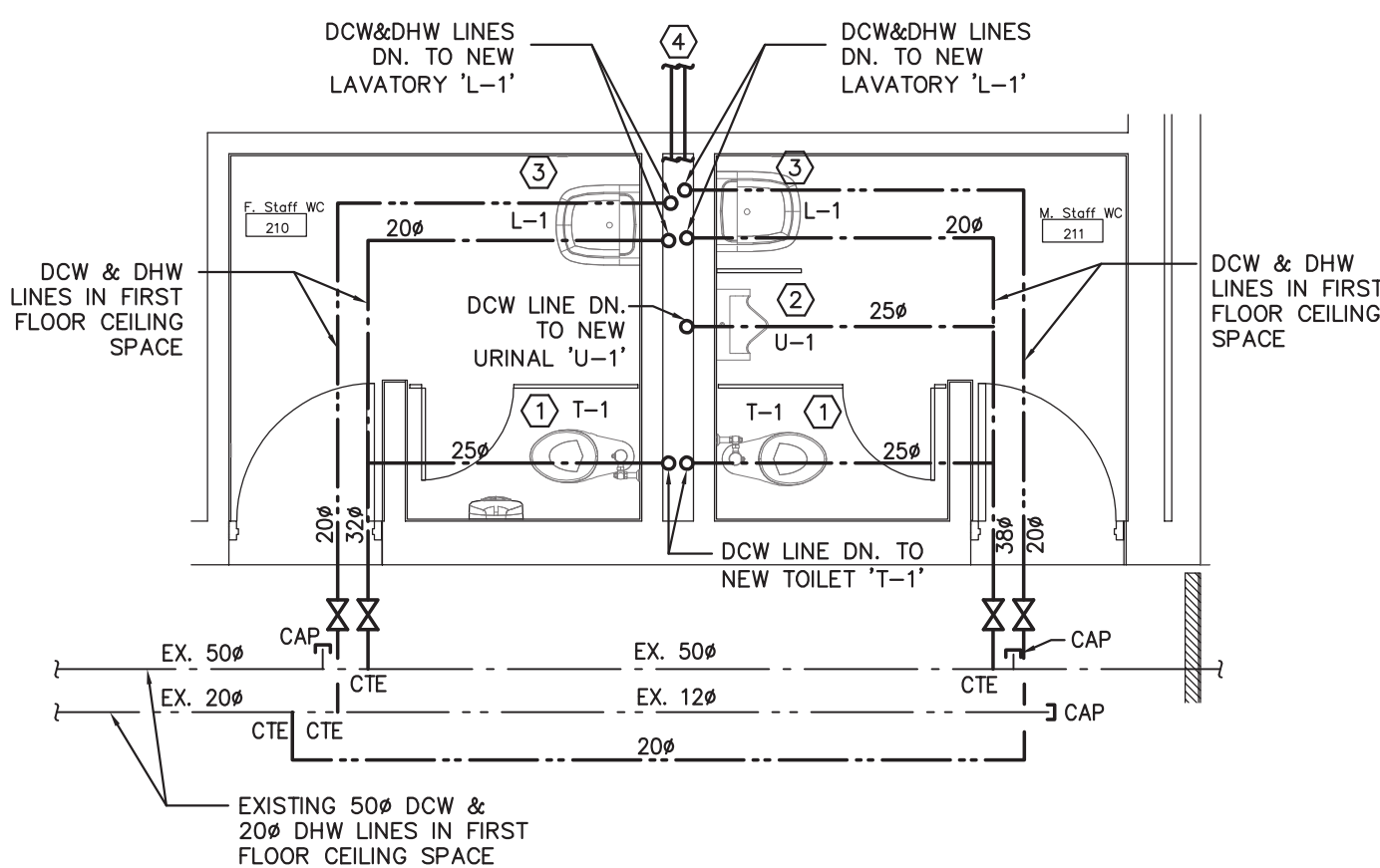
3  
M-11  
EXISTING PLUMBING PLAN - 210&211  
SCALE: 1:50

### GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- ALL EXISTING MECHANICAL SERVICE/EQUIPMENT TO REMAIN UNLESS INDICATED OTHERWISE.
- LAYOUT AND SIZE OF EXISTING PIPING SHOWN ON DRAWING ARE BASED ON BASE BUILDING DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS, INVERTS ON SITE.
- RELOCATE ALL EXISTING ACCESS PANELS WHERE AFFECTED BY THE WORK.
- ALL REMOVED FLUSH VALVES AND WASHFOUNTAINS SHALL BE RETURNED TO OWNER.
- CONTRACTOR SHALL VERIFY ON SITE EXACT LOCATION AND INVERT TO ENSURE THAT SAN. LINE MEETS SLOPE AND INVERT PRIOR TO CONSTRUCTION. SCAN SLAB TO VERIFY EXISTING SAN. PIPE UNDERGROUND CUT, PATCH AND REPAIR FLOOR SLAB TO MATCH EXISTING CONDITION.

### DRAWING NOTES:

- EXISTING TOILET TO BE REMOVED. MODIFY/EXTEND EXISTING BRANCH PIPES FOR NEW TOILET CONNECTION.
- EXISTING URINAL TO BE REMOVED. MODIFY/EXTEND EXISTING BRANCH PIPES FOR NEW URINAL CONNECTION.
- EXISTING LAVATORY TO BE REMOVED. MODIFY/EXTEND EXISTING BRANCH PIPES FOR NEW LAVATORY CONNECTION.
- EXISTING LAVATORY TO BE REMOVED. CAP ASSOCIATED UN-USED BRANCH PIPES IN WALL/CEILING OR UNDER SLAB.
- EXISTING DCW & DHW PIPES TO BE REMOVED.



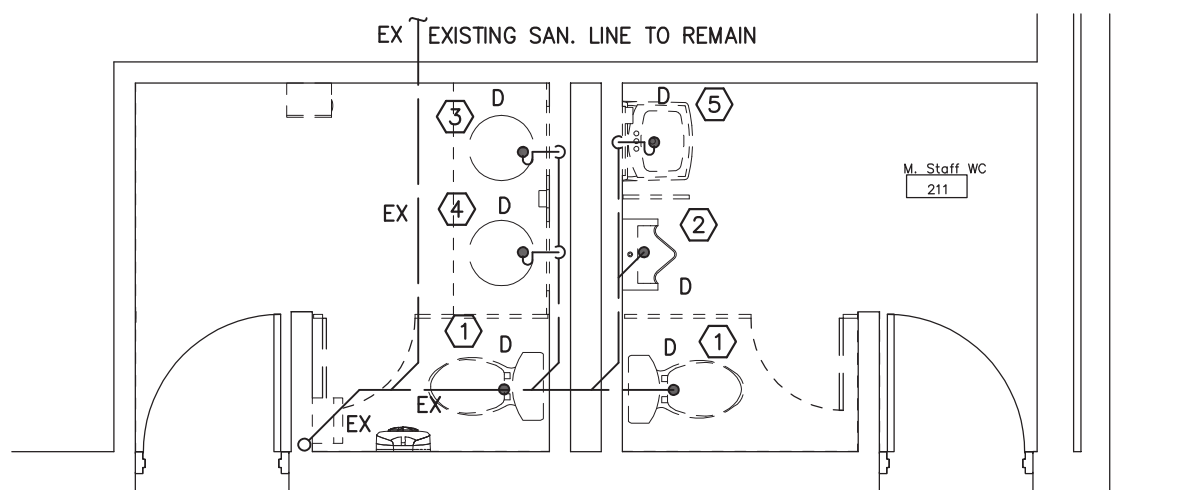
4  
M-11  
PROPOSED PLUMBING PLAN - 210&211  
SCALE: 1:50

### GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE NEW UNLESS OTHERWISE NOTED.
- ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20# UNLESS INDICATED OTHERWISE.
- PROVIDE ISOLATING BALL VALVES ON MAIN AND/OR BRANCH LINES AND FOR ALL EQUIPMENT SERVED WITH HOT AND COLD WATER LINES. ALL VALVES SHALL BE SUITABLE FOR THE OPERATING PRESSURE OF THE SYSTEM IN WHICH THEY ARE INSTALLED.
- PROVIDE INSULATION FOR ALL COLD & HOT WATER PIPING C/W PVC JACKET.
- PROVIDE COMPLETE SANITARY VENT CONNECTION TO EXISTING VENT PIPES COMPLY WITH OBC REQUIREMENT.
- ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 75# UNLESS INDICATED OTHERWISE.
- ALL NEW FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS. CONTRACTOR TO VERIFY EXISTING TRAP PRIMER WHEN FLOOR DRAIN IS REPLACED. PROVIDE NEW TRAP PRIMER WHEN REQUIRED.

### DRAWING NOTES:

- PROVIDE NEW TOILET 'T-1'.
- PROVIDE NEW URINAL 'U-1'. REFER ARCH. DRAWING FOR EXACT INSTALLATION LOCATION AND MOUNTING HEIGHT.
- PROVIDE 20# DCW & DHW LINES IN FIRST FLOOR CEILING SPACE TO NEW LAVATORY 'L-1'.
- MODIFY AND RUN PIPES FROM ADJACENT STAFF ROOM IN THE CHASE BEHIND NEW LAVATORY. CONTRACTOR TO VERIFY EXACT PIPE LOCATION, SIZE AND SERVICE.



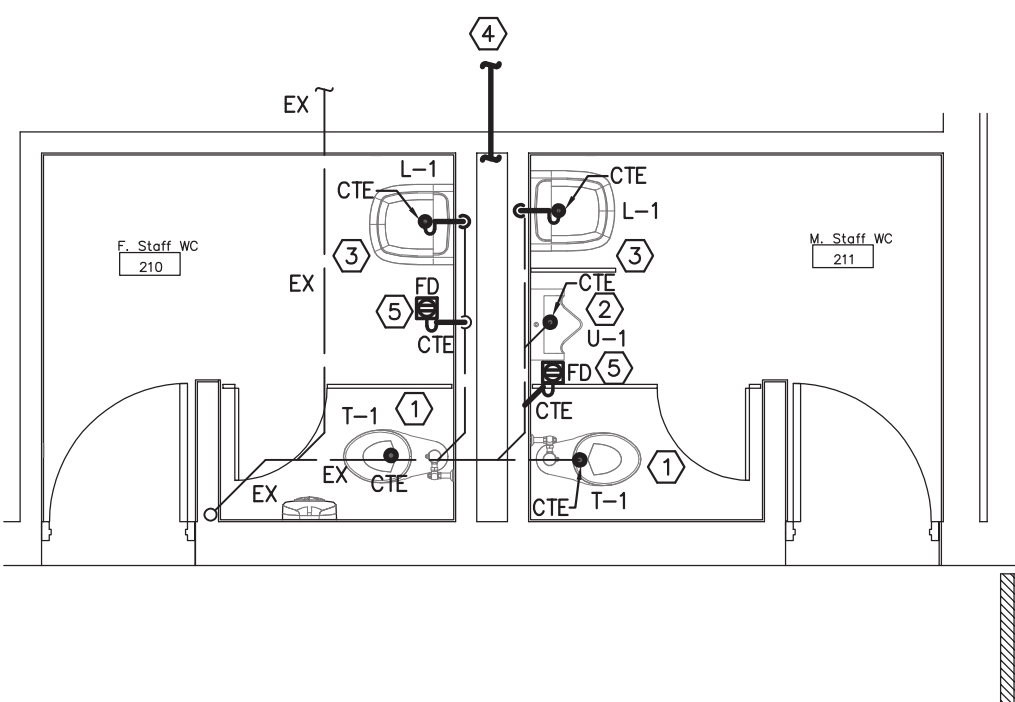
5  
M-11  
EXISTING DRAINAGE PLAN - 210&211  
SCALE: 1:50

### GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- ALL EXISTING MECHANICAL SERVICE/EQUIPMENT TO REMAIN UNLESS INDICATED OTHERWISE.
- LAYOUT AND SIZE OF EXISTING PIPING SHOWN ON DRAWING ARE BASED ON BASE BUILDING DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS, INVERTS ON SITE.
- RELOCATE ALL EXISTING ACCESS PANELS WHERE AFFECTED BY THE WORK.
- ALL REMOVED FLUSH VALVES AND WASHFOUNTAINS SHALL BE RETURNED TO OWNER.
- CONTRACTOR SHALL VERIFY ON SITE EXACT LOCATION AND INVERT TO ENSURE THAT SAN. LINE MEETS SLOPE AND INVERT PRIOR TO CONSTRUCTION. SCAN SLAB TO VERIFY EXISTING SAN. PIPE UNDERGROUND CUT, PATCH AND REPAIR FLOOR SLAB TO MATCH EXISTING CONDITION.

### DRAWING NOTES:

- EXISTING TOILET TO BE REMOVED. MODIFY/EXTEND EXISTING BRANCH PIPES FOR NEW TOILET CONNECTION.
- EXISTING URINAL TO BE REMOVED. MODIFY/EXTEND EXISTING BRANCH PIPES FOR NEW URINAL CONNECTION.
- EXISTING LAVATORY TO BE REMOVED. MODIFY/EXTEND EXISTING BRANCH PIPES FOR NEW LAVATORY CONNECTION.
- EXISTING LAVATORY AND ASSOCIATED FITTINGS TO BE REMOVED.
- EXISTING LAVATORY AND ASSOCIATED FITTINGS TO BE REMOVED; PIPES FROM ADJACENT STAFF ROOM PLUMBING FIXTURE CROSSING WASHROOM HERE TO BE REMOVED. MODIFY AND RUN THESE PIPES INTO THE CHASE BEHIND NEW LAVATORY.



6  
M-11  
PROPOSED DRAINAGE PLAN - 210&211  
SCALE: 1:50

### GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE NEW UNLESS OTHERWISE NOTED.
- ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20# UNLESS INDICATED OTHERWISE.
- PROVIDE ISOLATING BALL VALVES ON MAIN AND/OR BRANCH LINES AND FOR ALL EQUIPMENT SERVED WITH HOT AND COLD WATER LINES. ALL VALVES SHALL BE SUITABLE FOR THE OPERATING PRESSURE OF THE SYSTEM IN WHICH THEY ARE INSTALLED.
- PROVIDE INSULATION FOR ALL COLD & HOT WATER PIPING C/W PVC JACKET.
- PROVIDE COMPLETE SANITARY VENT CONNECTION TO EXISTING VENT PIPES COMPLY WITH OBC REQUIREMENT.
- ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 75# UNLESS INDICATED OTHERWISE.
- ALL NEW FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS. CONTRACTOR TO VERIFY EXISTING TRAP PRIMER WHEN FLOOR DRAIN IS REPLACED. PROVIDE NEW TRAP PRIMER WHEN REQUIRED.

### DRAWING NOTES:

- PROVIDE NEW TOILET 'T-1' AND CONNECT SAN. LINE TO EXISTING SAN. LINE. MODIFY EXISTING SANITARY PIPES TO SUIT NEW TOILET.
- PROVIDE NEW URINAL 'U-1' AND CONNECT SAN. LINE TO EXISTING SAN. LINE. MODIFY EXISTING SANITARY PIPES TO SUIT NEW URINAL. REFER TO ARCH. DRAWING FOR EXACT INSTALLATION LOCATION AND MOUNTING HEIGHT. LOCATE ASSOCIATED WALL ACCESS COVER PLATE ABOVE URINAL DIRECTLY NEXT TO THE WATER SUPPLY OUTLET FROM THE WALL.
- PROVIDE NEW LAVATORY 'L-1'. CONNECT SAN. LINE TO EXISTING SAN. LINE. MODIFY EXISTING SANITARY PIPES TO SUIT NEW LAVATORY.
- MODIFY AND RUN PIPE FROM ADJACENT STAFF ROOM IN THE CHASE BEHIND NEW LAVATORY. CONTRACTOR TO VERIFY EXACT PIPE LOCATION, SIZE AND SERVICE.
- PROVIDE NEW FLOOR DRAIN. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT.



EXISTING ELECTRICAL DRAWING NOTES:
PREPARE AND SUBMIT COMPLETE EXISTING ELECTRICAL SYSTEM DRAWINGS PRIOR TO CONSTRUCTION WORK. PERFORM A COMPLETE EXISTING ELECTRICAL SYSTEM INSPECTION AND TESTING, TO VERIFY THE FOLLOWS, AND SHOW ALL INFORMATION ON EXISTING ELECTRICAL DRAWINGS:
1. LOCATION OF ALL EXISTING POWER SYSTEM EQUIPMENT, JUNCTION BOXES, LIGHTING FIXTURES, WIRING DEVICES, POWER LOADS, FIRE ALARM DEVICES, TELECOM SYSTEMS DEVICES.
2. VOLTAGE, AMP, CIRCUIT NUMBER OF ALL EXISTING LIGHTS, RECEPTACLES, AND OTHER LOADS.
3. EXISTING POWER PANELS VOLTAGE, AMP, AND CCT DIRECTORY.

PROJECT NOTES:
1. ALL WIRES/CONDUITS SHALL BE CONCEALED IN WALLS, OR IN CEILING SPACES, EXCEPT IN ELEC/MECH ROOMS.

LIGHTING CONTROL RELAY/MODULE
1. CONTRACTOR SHALL MARK ON AS-BUILT DRAWINGS OF ALL LIGHTING CONTROL RELAYS/MODULES LOCATION. IN T-BAR OR DRY WALL CEILING SPACES, UNDER OPENING CEILINGS, AND/OR ON WALLS.

LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	LAMP	BALLAST	REMARKS
L1	1' x 4' BACKLIT DRYWALL CEILING SURFACE MOUNTED LED PANEL WITH ALUMINUM FRAME AND PMMA LENS, C/W SURFACE MOUNTING KIT. WHITE FINISH. APPLICATION: WASHROOM	30W, LED LAMP, 4000K 3825LM	120V ELECTRONIC LED DRIVER	RAB DESIGN #CPL14-LED30 SERIES
E1	EMERGENCY REMOTE UNIT, C/W ONE(1) OR TWO(2) 6W MR16 LED HEADS, CEILING OR SURFACE MOUNTED, WITH A CLEAR POLYCARBONATE UV AND IMPACT RESISTANT LENS, DIE CAST ALUMINUM BACK PLATE, WHITE FINISH, 12VDC.	1(2) x 6W		EMERG-LITE #EF40 SERIES OR APPROVED EQUAL.
E2	EMERGENCY LIGHTING BATTERY UNIT, 1/2HR BATTERY, C/W ONE(1) OR TWO(2) 6W MR16 LED HEADS, WALL MOUNTED, WHITE FINISH, 12VDC/120VAC OR TO MATCH EXISTING AS NOTED. MOUNT @ 200MM BELOW CEILING.	1(2) x 6W		EMERG-LITE #ESL SERIES OR APPROVED EQUAL.

DRAWING LIST	
DWG. NO.	DRAWING TITLE
E-01	LEGEND, DETAILS & LAYOUTS- ELECTRICAL

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	FLUORESCENT OR LED LUMINAIRES, RECESSED IN CEILING, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
	FLUORESCENT OR LED LUMINAIRES, SURFACE MOUNTED ON CEILING, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
	120V SINGLE POLE TOGGLE SWITCHES, RESPECTIVELY WITH ONE, TWO, OR THREE GANG COVER PLATE, AMPERAGE RATING TO MATCH CIRCUIT BREAKER
	CEILING MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL
	WALL MOUNTED OCCUPANCY SENSOR SWITCH FOR LIGHT
	WALL MOUNTED DUPLEX RECEPTACLE, U-GROUND, CSA 5-15R TYPE (15A, 120V) UNLESS OTHERWISE NOTED
	15A, 125V DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE (CSA 5-15R)
	RECEPTACLES AS ABOVE RESPECTIVELY, BUT MOUNTED AT 8" ABOVE COUNTER TOP, OR 42" AFF, OR AS NOTED
	DIRECT CONNECTION TO EQUIPMENT AS NOTED.
	DIRECT CONNECTION C/W DISCONNECT SWITCH
	ELECTRICAL PANEL, RECESSED OR SURFACE MOUNTED
	FIRE ALARM SMOKE DETECTOR, CEILING OR WALL MOUNTED
	FIRE ALARM HORN C/W STROBE LIGHT
	FIRE ALARM HORN
	FIRE ALARM STROBE, CEILING OR WALL MOUNTED
	FIRE ALARM CONTROL PANEL OR ANNUNCIATOR PANEL, RECESSED OR SURFACE MOUNTED
	EMERGENCY LIGHTING REMOTE HEADS, CEILING MOUNTED, WITH DOUBLE OR SINGLE HEADS RESPECTIVELY
	EMERGENCY LIGHTING BATTERY UNIT
	EMERGENCY LIGHTING BATTERY UNIT C/W INTEGRAL HEADS
	CEILING OR WALL RECESSED MOUNTED SINGLE GANG BOX FOR P.A. SPEAKER. "S" DENOTES SURFACE BOX FOR PENDENT SPEAKER.
	POWER DOOR OPERATOR FOR UNIVERSAL WASHROOM
	ELECTRIC BASEBOARD HEATER
	HAND DRYER, SUPPLIED BY OTHERS AND INSTALLED BY ELECTRICAL CONTRACTOR, 1,000W, 120V 1ø, MOUNTING HEIGHT: 1,100mm AFF.
	JUNCTION BOX
	THERMOSTAT
	TIME SWITCH
AFF	ABOVE FINISHED FLOOR
GFI	GROUND FAULT INTERRUPTER
TR	DENOTES TAMPER-RESISTANT TYPE RECEPTACLE
LP1-1	AS APPLIED TO CIRCUITING, DENOTES "PANEL 'LP-1', CIRCUIT # 1"
EX	DENOTES EXISTING DEVICE(S) TO REMAIN
R	DENOTES EXISTING DEVICE(S) TO BE RELOCATED
D	DENOTES EXISTING DEVICE(S) TO BE REMOVED
RN	DENOTES EXISTING DEVICE(S) TO BE REMOVED AND REPLACED WITH NEW
RR	DENOTES EXISTING DEVICE(S) TO BE REMOVED AND RE-INSTALLED IN SAME LOCATION
RE	DENOTES EXISTING DEVICE(S) IN RELOCATED POSITION
N	DENOTES PROVIDE NEW DEVICE(S)
	DENOTES DRAWING REFERENCE NOTES # 2
	DENOTES REFER TO DETAIL #1 ON DRAWING #E-02.

<b>GENERAL NOTES:</b> 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN. 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK. 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY. 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES.(LIGHT SWITCH, PA, OUTLET BOXES, ETC.)
<b>NOTES:</b> ALL EXISTING LIGHTS AND CONTROL TO BE REMOVED.
EXISTING FLOOR LAYOUT – ROOM 210/211 SCALE: 1:50

<b>GENERAL NOTES:</b> 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW. 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE. 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN. 4. NO EXPOSE SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES. 5. ALL NEW SWITCHES, RECEPTACLES AND OUTLETS LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
<b>NOTES:</b> ALL NEW LIGHTS TYPE 'L1' SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH ROOM OR SPACE AND CONTROLLED BY NEW WALL/CEILING MOUNTED OCCUPANCY SENSOR SWITCHES IN THAT ROOM/SPACE. PROVIDE NEW EMERGENCY BATTERY UNIT 'BU-3', CONNECT TO EXISTING NORMAL LIGHTING CIRCUITS IN THIS WASHROOM. PROVIDE UNSWITCHED HOT CONDUCTOR FROM EXISTING WASHROOM NORMAL LIGHT CIRCUIT TO 'BU-3'. PROVIDE NEW EMERGENCY REMOTE HEADS, CONNECT TO NEW BU-3. PROVIDE POWER SUPPLY FOR NEW HAND DRYER IN EACH WASHROOM(TOTAL TWO(2)). PROVIDE TWO(2) NEW 15A/1P GFI BREAKERS IN EXISTING PANEL 'P' IN ROOM #208, PROVIDE DEDICATE FEEDER: 2#12+GRD-21mmC FROM EACH NEW BREAKER TO EACH NEW HAND DRYER. CONFIRM SPECIFICATION, EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURE DRAWINGS ON SITE PRIOR TO ROUGH-IN. PROVIDE TWO(2) NEW TAMPER-RESISTANT GFI RECEPTACLES, CONNECT TO EXISTING 15A/1P SPARE BREAKERS IN EXISTING PANEL 'P' IN ROOM#208, PROVIDE FEEDER: 2#12+GRD-21mmC FROM SPARE BREAKERS TO GFI RECEPTACLES. PROVIDE TWO(2) NEW CEILING MOUNTED PA SPEAKERS, CONNECT TO EXISTING PA SPEAKER CIRCUIT IN THIS AREA.
PROPOSED FLOOR PLAN – ROOM 210/211 SCALE: 1:50

KEY PLAN – 2ND FLOOR SCALE: 1:500



Trillium Lakelands  
District School Board  
IE Weldon SS  
Washroom  
Renovation  
RFT B25-03

24 Weldon Rd, Lindsay,  
ON K9V 4R4

MARCH 2025

Seal



HL ENGINEERING LTD  
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DATE: MAR. 2025  
PROJECT NO: 25004D  
SCALE: AS SHOWN  
DRAWN: MC  
CHECKED: FRL

Revisions  
1. ISSUED FOR REVIEW 2025-03-17  
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Title

LEGEND,  
DETAILS &  
LAYOUTS-  
ELECTRICAL

Sheet

E-01