CLIENT
REGION OF PEEL

ARCHITECT / INTERIOR DESIGNER
NGA ARCHITECTS

STRUCTURAL ENGINEER
STEPHENSON ENGINEERING

MECHANICAL ENGINEER
EXP SERVICES INC.

ELECTRICAL ENGINEER
EXP SERVICES INC.

SECURITY / IT CONSULTANT
EXP SERVICES INC.

AUDIO / VISUAL CONSULTANT
EXP SERVICES INC.

QUANTITY SURVEYOR
ALPHA COST CONSULTANTS INC.

HARDWARE CONSULTANT
ASSA ABLOY OPENING SOLUTIONS

REGION OF PEEL
EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT

180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

ISSUED FOR TENDER
MAY, 2026

DRAWING LIST

ARCHITECTURAL

A001	DRAWING LIST, KEY PLAN, GENERAL NOTES AND DETAIL
A002	OVERALL BASEMENT,GROUND FLOOR, SECOND FLOOR & THIRD FLOOR PLAN
A003	BUILDING CODE SUMMARY
A100	PARTIAL BASEMENT & GROUND FLOOR PLAN-DEMOLITION
A101	PARTIAL SECOND FLOOR & THIRD FLOOR PLAN-DEMOLITION
A102	REFLECTED CEILING PLAN - DEMOLITION
A103	REFLECTED CEILING PLAN - DEMOLITION
A200	PARTIAL BASEMENT &GROUND FLOOR PLAN-NEW
A201	PARTIAL SECOND & THIRD FLOOR PLAN-NEW
A202	FURNITURE PLANS - NEW
A203	STC PLANS - NEW
A300	REFLECTED CEILING PLAN - NEW
A301	REFLECTED CEILING PLAN - NEW
A302	CEILING DETAILS
A400	FLOOR FINISH PLAN - NEW - BASEMENT & GROUND FLOOR
A401	FLOOR FINISH PLAN - NEW - SECOND & THIRD FLOOR
A402	WALL FINISH PLAN - NEW - BASEMENT & GROUND FLOOR
A403	WALL FINISH PLAN - NEW - SECOND & THIRD FLOOR
A500	INTERIOR ELEVATIONS SHOWER WASHROOM KEY PLAN
A501	INTERIOR ELEVATIONS BASEMENT FLOOR SHOWER WASHROOM
A502	INTERIOR ELEVATIONS BASEMENT/GROUND FLOOR SHOWER WASHROOM
A503	INTERIOR ELEVATIONS GROUND FLOOR/SECOND FLOOR WASHROOM
A504	INTERIOR ELEVATIONS SECOND/THIRD FLOOR WASHROOM
A505	INTERIOR ELEVATIONS THIRD FLOOR WASHROOM
A506	INTERIOR ELEVATIONS MILLWORK KEY PLANS
A507	INTERIOR ELEVATIONS MILLWORK DETAILS
A508	INTERIOR ELEVATIONS MILLWORK DETAILS
A509	INTERIOR ELEVATIONS MILLWORK DETAILS
A510	INTERIOR ELEVATIONS MILLWORK DETAILS
A600	STEEL PLATFORM AND STAIRCASE DETAILS
A700	DOOR AND FRAME SCHEDULE
A800	ROOM FINISH SCHEDULE
A900	PHASING PLAN
A901	PHASING PLAN
	SAMPLE BOARD

STRUCTURAL

REFER TO STRUCTURAL DRAWINGS

MECHANICAL

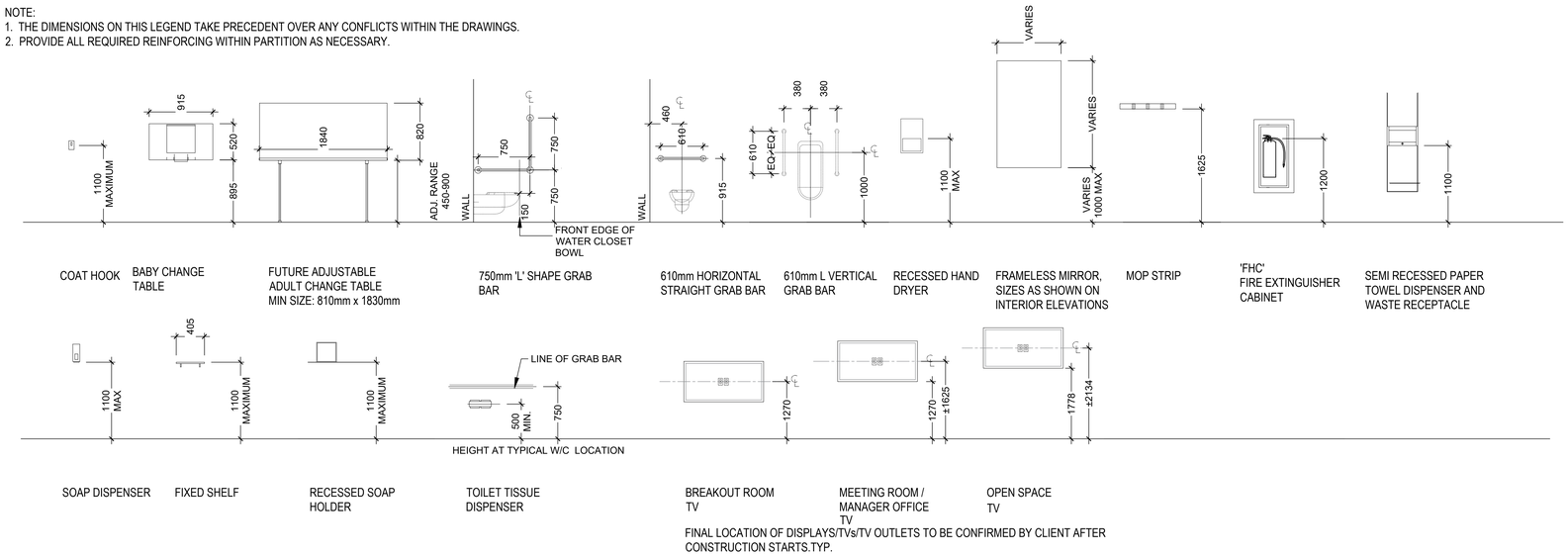
REFER TO MECHANICAL DRAWINGS

ELECTRICAL

REFER TO ELECTRICAL DRAWINGS

ACCESSORIES LEGEND AND MOUNTING HEIGHTS SCHEDULE

NOTE:
1. THE DIMENSIONS ON THIS LEGEND TAKE PRECEDENT OVER ANY CONFLICTS WITHIN THE DRAWINGS.
2. PROVIDE ALL REQUIRED REINFORCING WITHIN PARTITION AS NECESSARY.



FINAL LOCATION OF DISPLAYS/TVs/TV OUTLETS TO BE CONFIRMED BY CLIENT AFTER CONSTRUCTION STARTS.TYP.

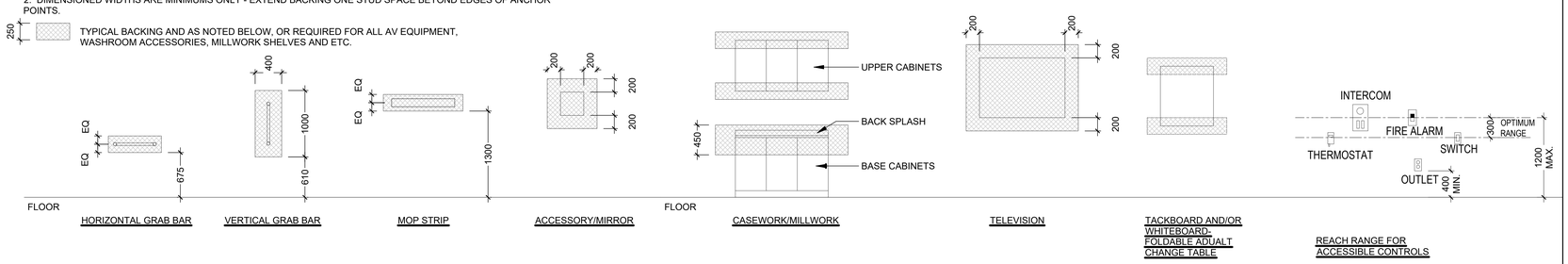
BACKING/REINFORCING SCHEDULE

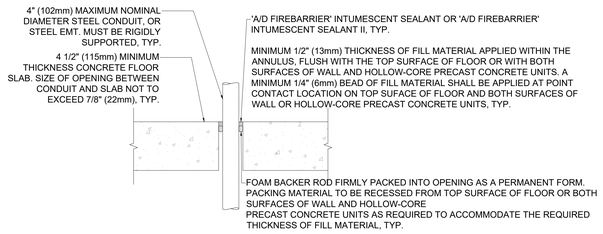
GENERAL NOTES

1. INDICATES LOCATION OF IN-WALL BACKING OF 1 LAYER 19mm PLYWOOD AND WOOD BLOCKING AND BRACING AS REQUIRED.

2. DIMENSIONED WIDTHS ARE MINIMUMS ONLY - EXTEND BACKING ONE STUD SPACE BEYOND EDGES OF ANCHOR POINTS.

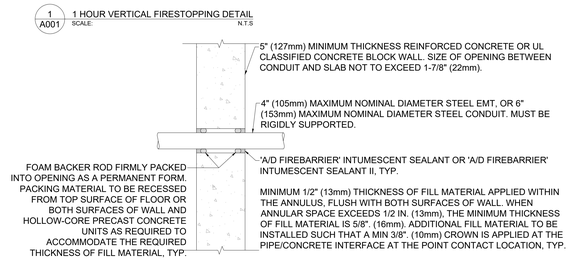
250 TYPICAL BACKING AND AS NOTED BELOW, OR REQUIRED FOR ALL AV EQUIPMENT, WASHROOM ACCESSORIES, MILLWORK SHELVES AND ETC.





TYPICAL DETAIL FOR THROUGH- PENETRATION FIRESTOP SYSTEM
cUL SYSTEM C-AJ-1557 Configuration C

1 / A001 1 HOUR VERTICAL FIRESTOPPING DETAIL
SCALE: N.T.S



TYPICAL DETAIL FOR THROUGH- PENETRATION FIRESTOP SYSTEM
cUL SYSTEM W-J-1220

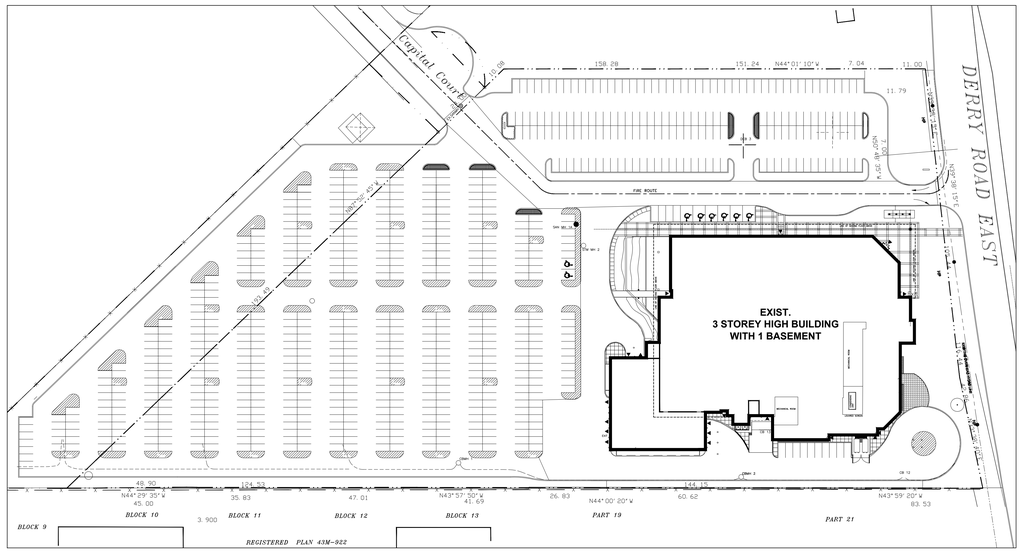
2 / A001 1 HOUR HORIZONTAL FIRESTOPPING DETAIL
SCALE: N.T.S

NOTES:

A. GENERAL CONTRACTOR IS RESPONSIBLE FOR X-RAY STUDY OF EXISTING CONCRETE SLAB, WALL & BEAM BEFORE CUTTING / CORING TO ENSURE STRUCTURAL INTEGRITY OF THE FLOOR SLAB, WALLS, STRUCTURAL FRAMING AND NO EXISTING UNDERGROUND SERVICES TO BE AFFECTED, TYP.

B. GENERAL CONTRACTOR IS RESPONSIBLE TO CUT, REPAIR, PATCH, FIRESTOP AND INFILL EXISTING WALL AND FLOOR TO ACCOMMODATE NEW ELECTRICAL CONDUIT AND MECHANICAL PIPE OPENING,TYP.

C. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ELECTRICAL, SECURITY, MECHANICAL CONTRACTOR FOR LOCATION AND NUMBER OF THE OPENINGS FOR THE WALL AND FLOOR PENETRATION ,TYP.



3 / A001 KEY PLAN
SCALE: N.T.S

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 50% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until signed and sealed by the architect and the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
DRAWING LIST, SITE PLAN, GENERAL NOTES & DETAILS

SHEET NO. A001

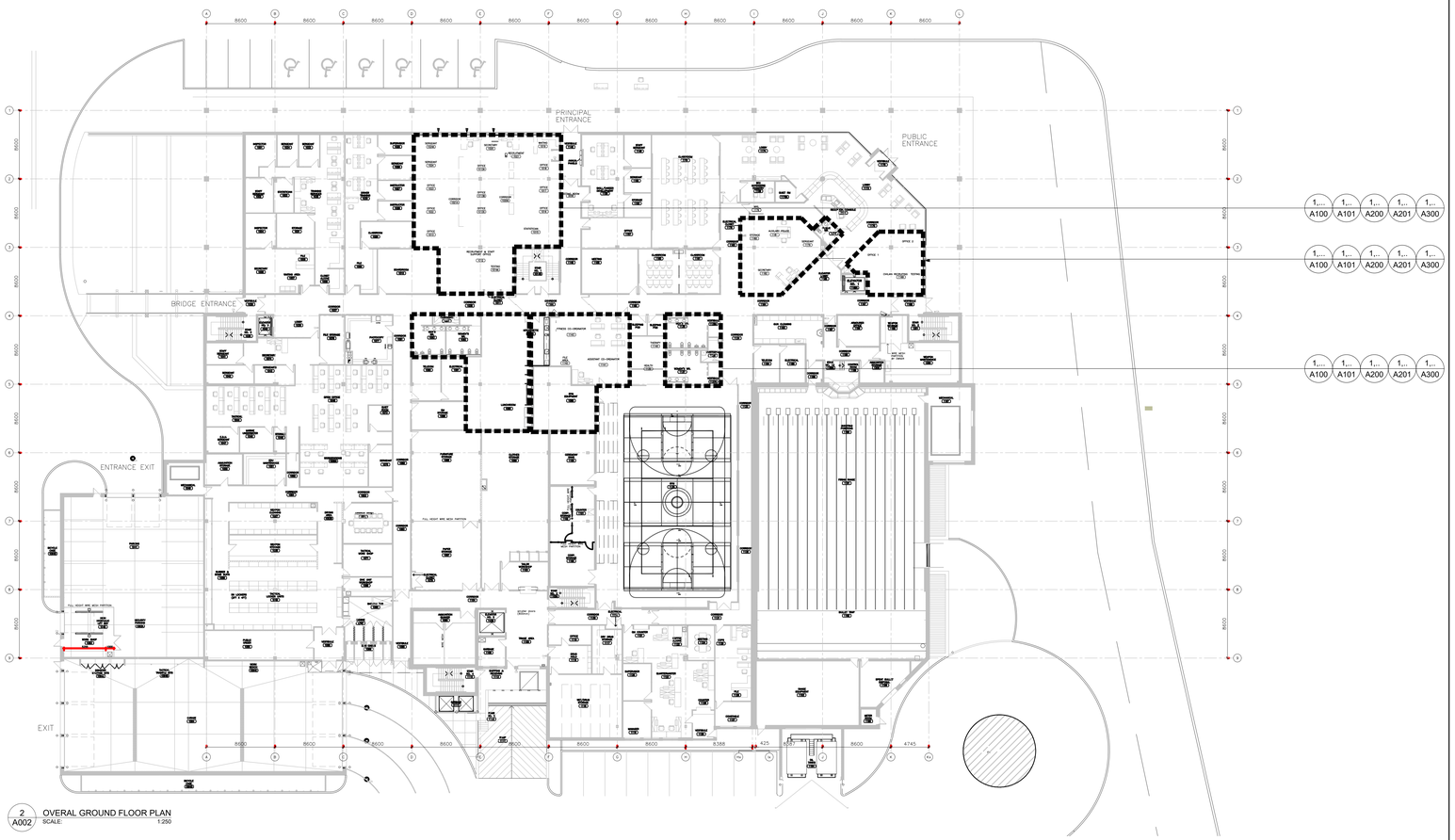
DRAWN BY CC

CHECKED RN

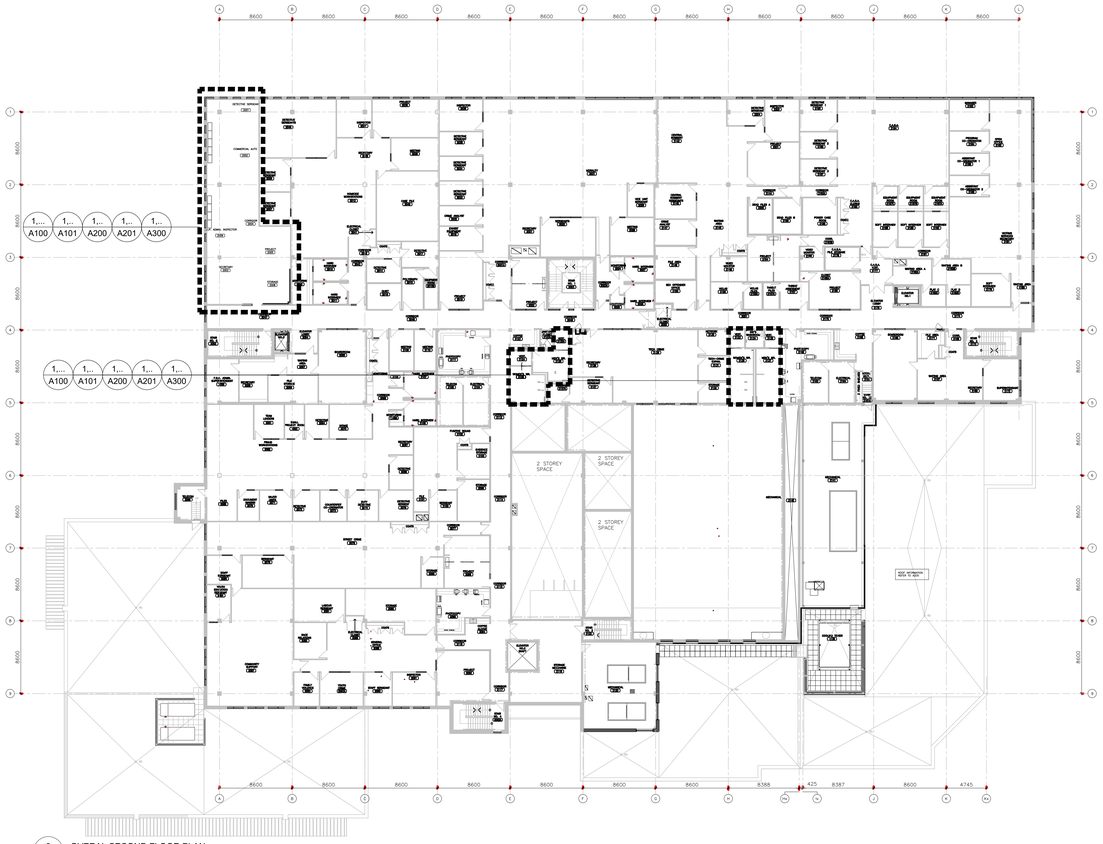
PROJECT NO.

SCALE AS NOTED

1 A002 OVERAL BASEMENT FLOOR PLAN
SCALE: 1:250



2 A002 OVERAL GROUND FLOOR PLAN
SCALE: 1:250



3 A002 OVERAL SECOND FLOOR PLAN
SCALE: 1:250

4 A002 OVERAL THIRD FLOOR PLAN
SCALE: 1:250

NO.	DESCRIPTION	DATE
4	ISSUED FOR TENDER	2026.05.01
3	ISSUED FOR BUILDING PERMIT	2026.04.08
2	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
1	ISSUED FOR 66 % CLIENT REVIEW	2026.01.09

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NCA ARCHITECTS

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ISSUED FOR CONSTRUCTION	DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

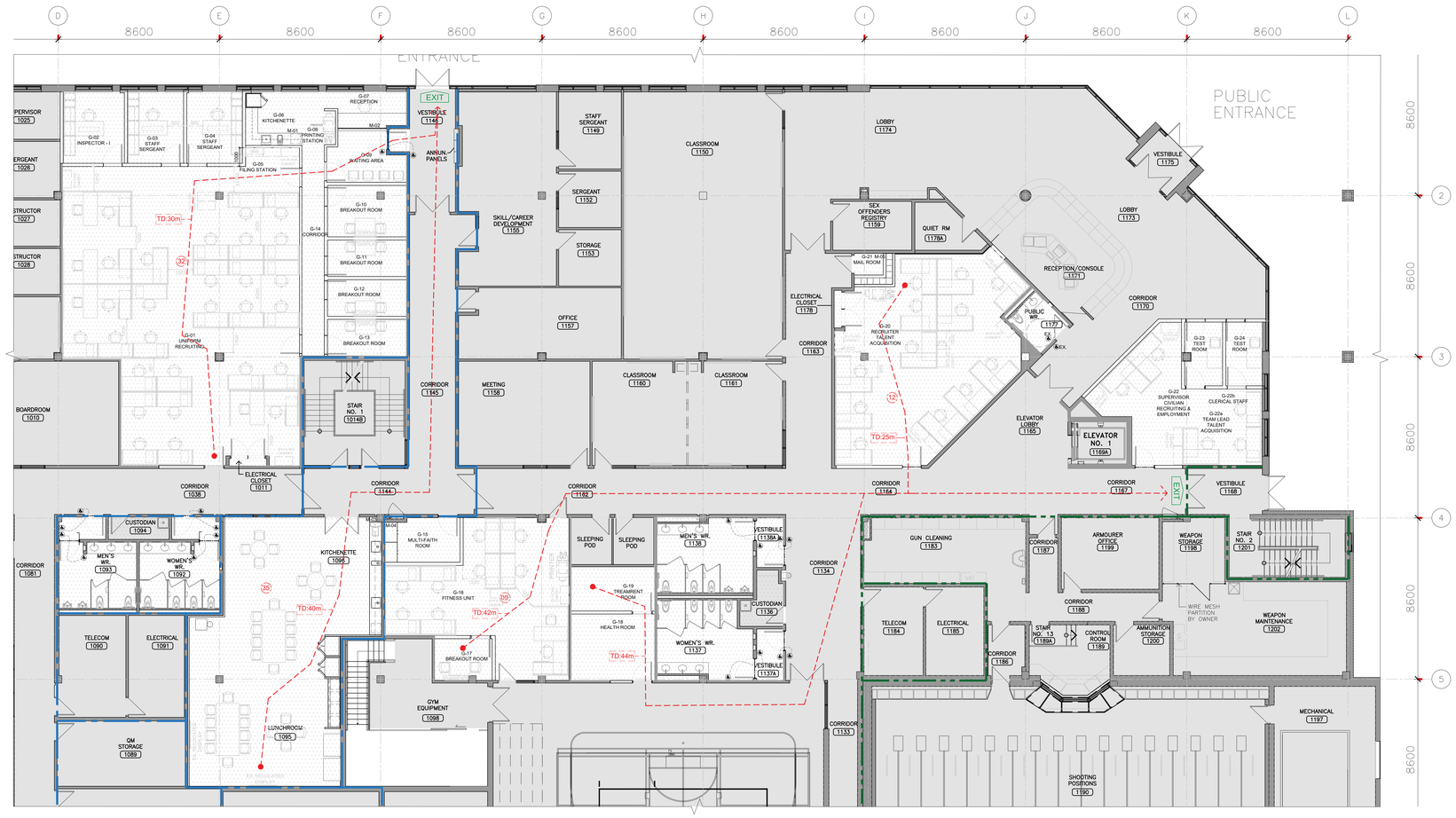
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
OVERALL GROUND FLOOR, SECOND FLOOR & THIRD FLOOR PLAN

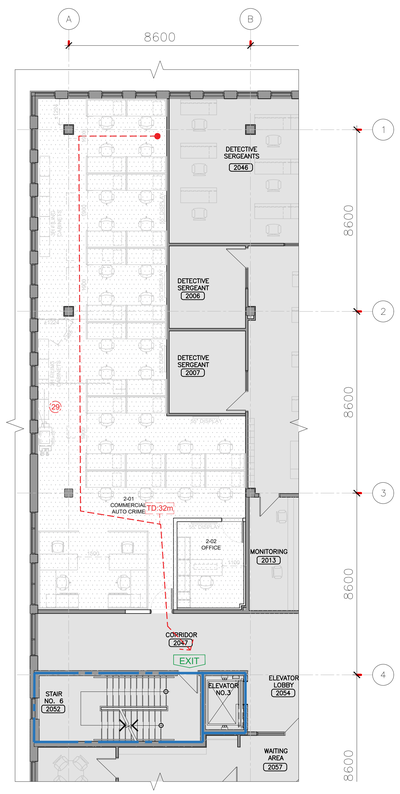
SHEET NO:	DRAWN BY	CHECKED
A002	CC	RN

PROJECT NO.

SCALE
AS NOTED



1 A003 PARTIAL GROUND FLOOR PLAN-BUILDING CODE SUMMARY
SCALE: 1:100



2 A003 PARTIAL SECOND FLOOR PLAN-BUILDING CODE SUMMARY
SCALE: 1:100

3 A003 PARTIAL THIRD FLOOR PLAN-BUILDING CODE SUMMARY
SCALE: 1:100

OBC SUMMARY LEGEND

	TRAVEL DISTANCE/DIRECTION OF EXITING
EXIT	EXISTING EXIT SIGN
	NON-RATED SMOKE SEPARATION, NEW SMOKE SEALED SEPARATION,REFER TO A200 & A201
	EXISTING/NEW 1 HR FIRE SEPARATION
	EXISTING 2 HRs FIRE SEPARATION
	OUTSIDE SCOPE OF WORK
	EXTENT OF NEW SCOPE
27	OCCUPANT LOAD

OBC DATA MATRIX

1.	Project Description:	Project Description: Interior Alteration/Renovation	
2.	Major Occupancies:	Group D (Office Area)	3.1.2.1.(1)
3.	Building Area:	6,793 m2	1.1.3.2
4.	Gross Area:	24,528m2	1.1.3.2
5.	Number of Storeys:	3	3.2.1.1 1.1.3.2
6.	Height of Building:	13 m	
7.	Number of Streets:	3	3.2.2.10 3.2.5.5
8.	Building Classification:	3.2.2.49, Group D, Any Height, Any Area.	3.2.2.20.-83
9.	Sprinkler System Required:	Yes, entire building	3.2.2.20.-83 3.2.1.5 3.2.2.17
10.	Standpipe Required:	Yes	3.2.9
11.	Fire Alarm Required:	Yes	3.2.4
12.	Water Service /Supply is Adequate:	Yes	
13.	High Building:	No	3.2.6
14.	Permitted Construction:	Non-Combustible	3.2.2.20.-83
15.	Mezzanine Area:	N/A	3.2.1.1.(3)-(8)
16.	Occupan Load:	EXISTING	3.1.1.6
17.	Barrier-free Design:	EXISTING	3.8
18.	Hazardous Substances:	No	3.3.1.2.(1) 3.3.1.19(1)

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
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NORTH

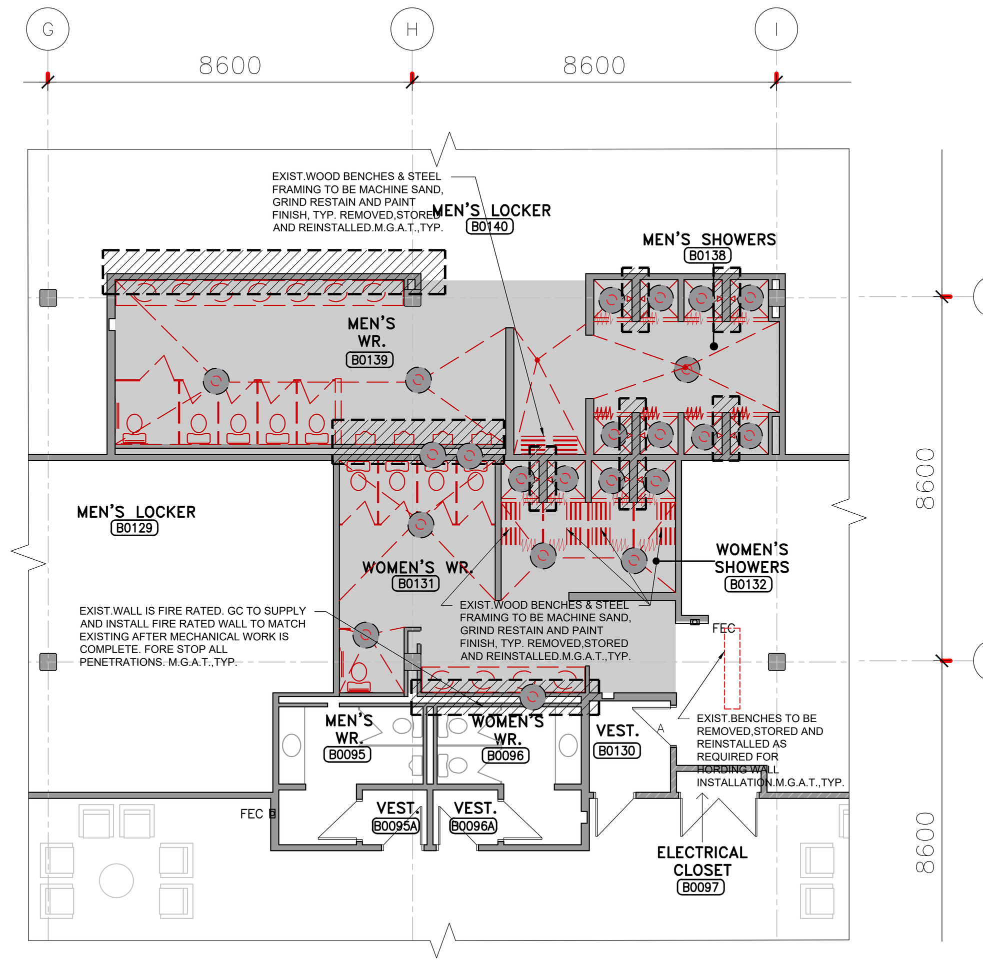
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
BUILDING CODE SUMMARY

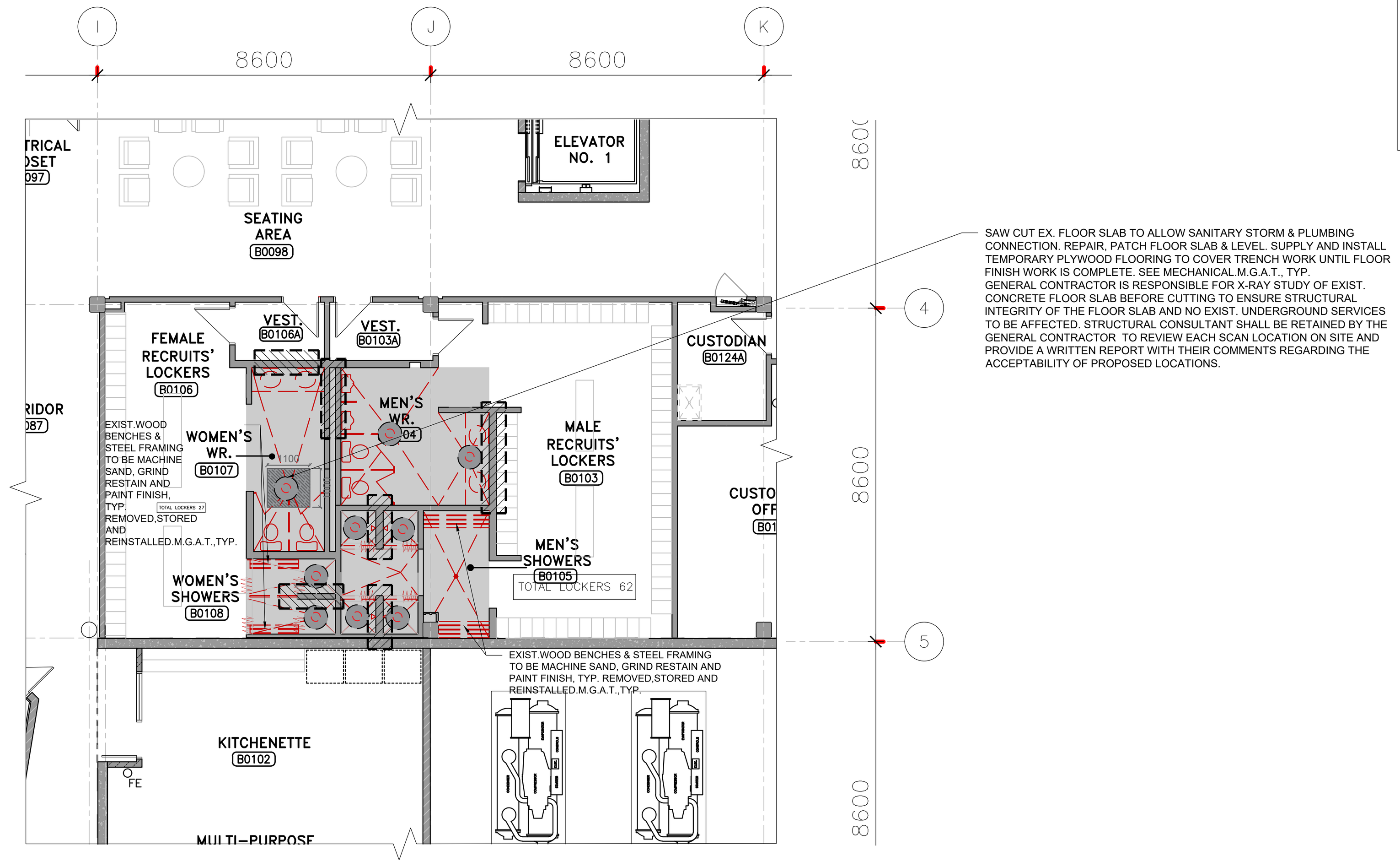
SHEET NO.	DRAWN BY	CHECKED
A003	SZ	RN

PROJECT NO.

SCALE: AS NOTED



1
A100
PARTIAL BASEMENT FLOOR PLAN (B0131,B0132,B0138,B0139)-DEMO
SCALE: 1:100



2
A100
PARTIAL BASEMENT FLOOR PLAN (B0104,B0105,B0106,B0107)-DEMO
SCALE: 1:100

FLOOR DEMOLITION NOTES

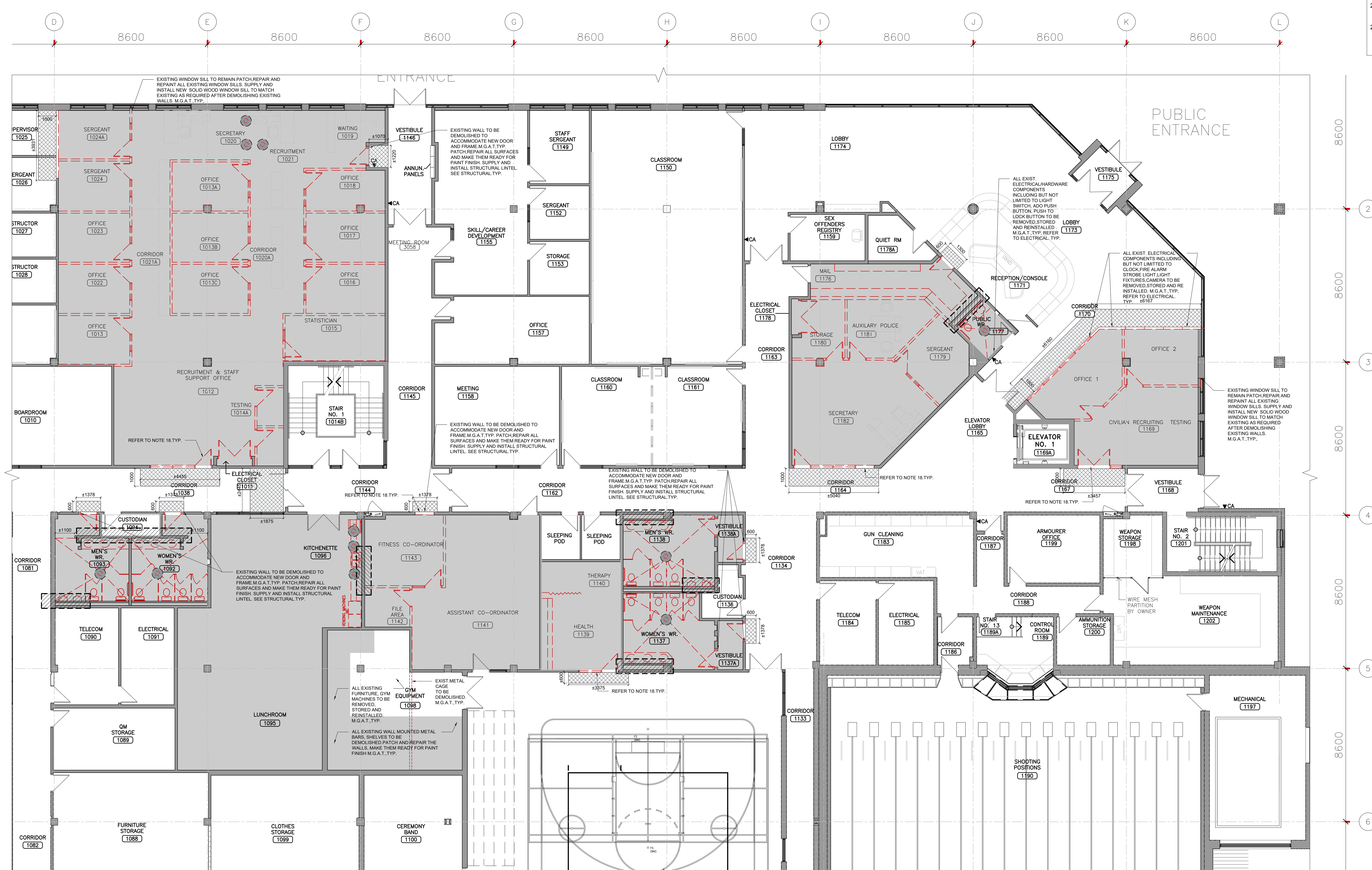
1. ALL FLOOR AREAS WHERE EXISTING CARPET/ CARPET TILE FLOORING HAS BEEN REMOVED TO ACCOMMODATE NEW FINISHES, REMOVE ALL ADHESIVE, GRIND DOWN AND SMOOTH THE FLOOR TO BASE CONCRETE,SMOOTH AND CLEAN TO RECEIVE NEW FLOORING. REFER TO FLOOR FINISH PLAN AND SECTIONS FOR NEW FLOOR FINISH AND ELEVATION.
2. REPAIR, PATCH, MAKE GOOD AT WALL AND FLOOR JUNCTIONS AND PAINT FINISH TO ALL RELATED EXISTING AREAS TO ACCOMMODATE NEW MECHANICAL & ELECTRICAL MODIFICATIONS, FIXTURES AND NEW CONNECTIONS.
3. CONTRACTOR IS RESPONSIBLE FOR X-RAY STUDY OF EXISTING CONCRETE FLOOR SLAB BEFORE CUTTING TO ENSURE STRUCTURAL INTEGRITY OF THE FLOOR SLAB AND NO EXISTING UNDERGROUND SERVICES TO BE AFFECTED.
4. REFER TO FLOOR FINISH PLAN, ROOM FINISH SCHEDULE AND ELECTRICAL/ MECHANICAL PLANS TO MAKE NECESSARY CHANGES OR DEMOLITION TO MATCH NEW LAYOUT AND FINISHES, NEW MECHANICAL /ELECTRICAL MODIFICATION AND CONNECTIONS.

GENERAL DEMOLITION NOTES

1. ALL EXISTING WALL DISTURBED AND DAMAGED DURING DEMOLITION TO BE REPAIRED,PATCHED AND CEMENTED, READY FOR FINISH.
2. THIS DRAWING IS TO BE COORDINATED WITH MECHANICAL & ELECTRICAL DRAWINGS. ANY DISCREPANCIES IN THE DRAWINGS TO BE REPORTED TO ARCHITECT/ENGINEER.
3. CUT OUT SCRATCHES, CRACKS AND ABRASIONS IN WALL SURFACES AND ADJOINING TRIMS AS REQUIRED AND FILL WITH AN APPROVED NON-SHRINK PATCHING COMPOUND FLUSH WITH ADJOINING SURFACE. WHEN DRY, SAND THE PATCH SMOOTH AND SEAL BEFORE THE APPLICATION OF THE PRIME COAT.
4. CONTRACTOR IS TO PROVIDE TEMPORARY PLYWOOD COVER FOR THE EXISTING EXPANSION JOINT TO PROTECT ELASTOMERIC BONDING, ALUM. ANGELS, CAULKING, FOAM ROPE AND WATER-STOP M.G.A.T, TYP. AGAINST DUST AND DIRT.
6. CONTRACTOR TO CHECK ALL MATERIALS USED IN CONSTRUCTION FOR DEFECTS. ONLY NEW, UNBLEMISHED MATERIALS ARE TO BE USED.
7. WHERE NEW WORK, INCLUDING ALL ELECTRICAL & MECHANICAL WORK CONNECTS WITH EXISTING & WHERE EXISTING WORK IS ALTERED, ALL NECESSARY CUTTING & FITTING REQUIRED TO MAKE SATISFACTORY CONNECTIONS WITH THE EXISTING WORK SHALL BE PERFORMED UNDER THIS CONTRACT, SO AS TO LEAVE THE ENTIRE WORK IN FINISHED AND WORKMANLIKE CONDITION.
8. ALL DIMENSIONS SHOWN ARE APPROXIMATE. DIMENSIONS MUST BE SITE VERIFIED BY CONTRACTOR.
9. DUST CONTROL - THE GENERAL CONTRACTOR IS TO PROVIDE TEMPORARY PLASTIC COVER SHEETS TO EXISTING GRILLES, RADIATORS AND EQUIPMENTS PRIOR TO THE DEMOLITION WORK SO AS TO PROTECT ALL ADJACENT OFFICE AREAS AND EQUIPMENT FROM ANY DUST.
10. UPON COMPLETION, CLEAN THE ENTIRE AREA OF DEMOLITION TO A TIDY, UNIFORM CONDITION REMOVING ALL DEBRIS, DUST, PARTITIONS AND ASSOCIATED MATERIALS USED DURING THE DEMOLITION. CLEAN ALL AREAS IMPACTED BY THE DEMOLITION, INCLUDING BUT NOT LIMITED TO ADJACENT OCCUPIED AREAS AND AREAS NOT WITHIN THE SCOPE.
11. GENERAL CONTRACTOR IS RESPONSIBLE TO CUT, REPAIR, PATCH, FIRESTOP AND INFILL EXISTING WALL AND FLOOR TO ACCOMMODATE NEW ELECTRICAL CONDUIT AND MECHANICAL PIPE OPENING,TYP.
12. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ELECTRICAL, SECURITY, MECHANICAL CONTRACTOR FOR LOCATION AND NUMBER OF THE OPENINGS FOR THE WALL AND FLOOR PENETRATION ,TYP.
13. ALL EXISTING TACK BOARDS, WHITEBOARDS, SIGNS INSTALLED ON THE WALLS TO BE DEMOLISHED. M.G.A.T.,TYP.
14. ALL EXISTING PVC PAPER TOWEL DISPENSERS, TOILET PAPER HOLDERS,SOAP DISPENSERS, STAINLESS STEEL SANITARY NAPKIN DISPENSER UNITS TO BE REMOVED, STORED AND REINSTALLED . EXACT LOCATION TO BE CONFIRMED BY CLIENT. TYPICAL TO WASHROOMS, KITCHEN, AND SHOWERS.
15. ALL EXISTING RECESSED STAINLESS STEEL PAPER TOWEL DISPENSER/DISPOSAL UNITS,TO BE DEMOLISHED. M.G.A.T.,TYP.
16. ALL EXISTING OPENING ON THE WALL (AFTER REMOVING RECESSED ACCESSORIES) TO BE FILLED WITH WATER RESISTANT DRYWALL ON STUD FRAMING, PAINT FINISH. TYP, . TYPICAL TO ALL WASHROOMS, CHANGE ROOMS AND SHOWERS. TYP.
17. ALL EXISTING WINDOW SILLS TO REMAIN.PATCH,REPAIR AND REPAINT ALL EXISTING WINDOW SILLS. SUPPLY AND INSTALL NEW SOLID WOOD WINDOW SILL TO MATCH EXISTING AS REQUIRED AFTER DEMOLISHING EXISTING WALLS. M.G.A.T.,TYP,.
18. FOR ALL STC RATED DOORS THAT WILL BE INSTALLED ON EXISTING WALLS, GC IS TO CUT, REPAIR, PATCH EXISTING WALL,CEILING,FLOOR FINISH AS REQUIRED FOR THE INSTALLATION OF THE STRUCTURAL SUPPORT. GC TO SUPPLY AND INSTALL NEW WALL, FLOOR FINISH, CEILING FINISHES TO MATCH EXISTING. REFER TO STRUCTURAL. M.G.A.T.,TYP.
19. ALL EXISTING WALL MOUNTED ACCESS DOORS LOCATED IN WASHROOMS & SHOWERS TO BE REMOVED AND REPLACED WITH NEW. TYP.
20. ALL EXISTING WINDOW BLINDS WITHIN THE SCOPE OF AREA TO BE DEMOLISHED. PATCH, REPAIR, PAINT FINISH ALL AFFECTED SURFACES DUE TO DEMOLITION. M.G.A.T.,TYP.
21. GC TO PATCH,REPAIR,INFILL ALL EXISTING WALLS AFTER REMOVING ANY ELECTRICAL & MECHANICAL COMPONENTS INCLUDING BUT NOT LIMITED TO OUTLETS,SURFACE MOUNTED/RECESSED COMPONENTS. M.G.A.T.,TYP
22. FOR ALL WALL/PARTITION DEMOLITION, GC IS TO INCLUDE MASONARY WALL WITH 2 LAYERS OF DRYWALL. M.G.A.T,TYP.
23. ALL EXIST.FLOOR DRAINS LOCATED IN WASHROOMS & CHANGE ROOMS TO BE REMOVED AND REPLACED WITH NEW. REFER TO MECHANICAL. M.G.A.T.,TYP. CUT REPAIR, PATCH, AND FIRE STOP THE SLAB AS REQUIRED FOR THE INSTALLATION OF THE NEW FLOOR DRAINS.M.G.A.T.,TYP.

GENERAL DEMOLITION LEGEND

Symbol	Description
	EXISTING WALL OR PARTITION TO REMAIN, TYP.
	EXISTING WALLS, PARTITIONS,WINDOWS, DOORS, FRAMES, FIXTURE, ACCESSORIES,SHOWER CURTAINS, AND MILLWORK TO BE DEMOLISHED. CUT & CAP ALL EXISTING PIPEWORK IF NECESSARY, SEE MECHANICAL. ALL EXISTING DAMAGED WALL JUNCTIONS TO BE CUT, PATCHED & SMOOTH, PAINT FINISH. M.G.A.T, TYPICAL
	EX.WATER CLOSET, URINAL, WASHROOM PARTITION, SINK, SHOWER,FLOOR DRAIN AND ALL RELATED COMPONENTS TO BE DEMOLISHED AND REPLACED WITH NEW . TYP., REFER TO MECHANICAL.
	EX. DOOR AND FRAME TO REMAIN, TYP.
	EXTENT OF THE AREA TO BE DEMOLISHED TO THE BASE BUILDING WALLS AND CONCRETE STRUCTURE/ FLOOR. DEMOLISH ALL RELATED ARCHITECTURAL ITEMS BUT NOT LIMITED TO; FLOOR FINISHES,CARPET, CARPET ADHESIVES, WALL BASE,WALLS, PARTITIONS,RAMP, MILLWORK,FURNITURE,RAILINGS,WHITEBOARDS, TACK BOARDS,ETC. M.G.A.T.,TYP. SAND, SMOOTH & CLEAN DEMOLISHED FLOOR & APPLY LEVELING COMPOUND TO ACCOMMODATE NEW FLOORING. REFER TO FLOOR FINISH PLAN AND SECTIONS FOR NEW FINISH FLOOR MATERIALS AND LEVELS.SEE MECHANICAL AND ELECTRICAL, M.G.A.T., TYP.
	PATCH, REPAIR AND MODIFY EXISTING CEILING, FLOOR FINISH, ANY SURFACE DAMAGED DURING DEMOLITION TO ACCOMMODATE NEW CEILING, FLOOR FINISH,WALL ,DOOR AND FRAMES,AND DOOR STRUCTURAL SUPPORT. M.G.A.T.,TYP.
	GENERAL CONTRACTOR IS RESPONSIBLE TO CUT, REPAIR, PATCH, FIRESTOP AND INFILL EXISTING WALL AND FLOOR TO ACCOMMODATE NEW MECHANICAL ,ELECTRICAL,SECURITY OPENING, SEE MECHANICAL ,ELECTRICAL AND SECURITY, TYP. GENERAL CONTRACTORS RESPONSIBLE TO COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTOR FOR SIZE AND LOCATION OF THE OPENINGS AND INSTALL NEW STEEL LINTEL FOR THE WALL OPENING, SEE MECHANICAL AND ELECTRICAL, TYP. EXACT LOCATION TO BE COORDINATED BY GC.
	±300mmX±300mm TRENCH (TYP). EXIST. FLOOR SLAB TO BE CUT TO ACCOMMODATE INSTALLATION OF NEW JUNCTION BOXES. CUT, PATCH AND FIRE STOP AT EXIST. FLOOR SLAB/ CEILING BELOW AS REQUIRED. GENERAL CONTRACTOR IS RESPONSIBLE FOR X-RAY STUDY OF EXIST. CONCRETE FLOOR SLAB BEFORE CUTTING TO ENSURE STRUCTURAL INTEGRITY OF THE FLOOR SLAB AND NO EXIST. UNDERGROUND SERVICES TO BE AFFECTED. STRUCTURAL CONSULTANT SHALL BE RETAINED BY THE GENERAL CONTRACTOR TO REVIEW EACH SCAN LOCATION ON SITE AND PROVIDE A WRITTEN REPORT WITH THEIR COMMENTS REGARDING THE ACCEPTABILITY OF PROPOSED LOCATIONS.EXACT LOCATION TO BE COORDINATED BY GC.
	CUT EXIST. CONC. BLOCK WALL TO ±5'-0" AFF TO ACCOMMODATE ALL PLUMBING REPLACEMENT AND CONNECTION WORK -(SEE MECH.)(M.G.A.T.) (TYP.) GC TO COORDINATE THE EXACT LOCATIONS WITH MECHANICAL SUBCONTRACTOR AS PER EXISTING CONDITIONS.
M.G.A.T.	MAKE GOOD ON ALL TRADES AT JUNCTION
EX.	EXISTING
TYP.	TYPICAL



3
A100
PARTIAL GROUND FLOOR PLAN - DEMO
SCALE: 1:100

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

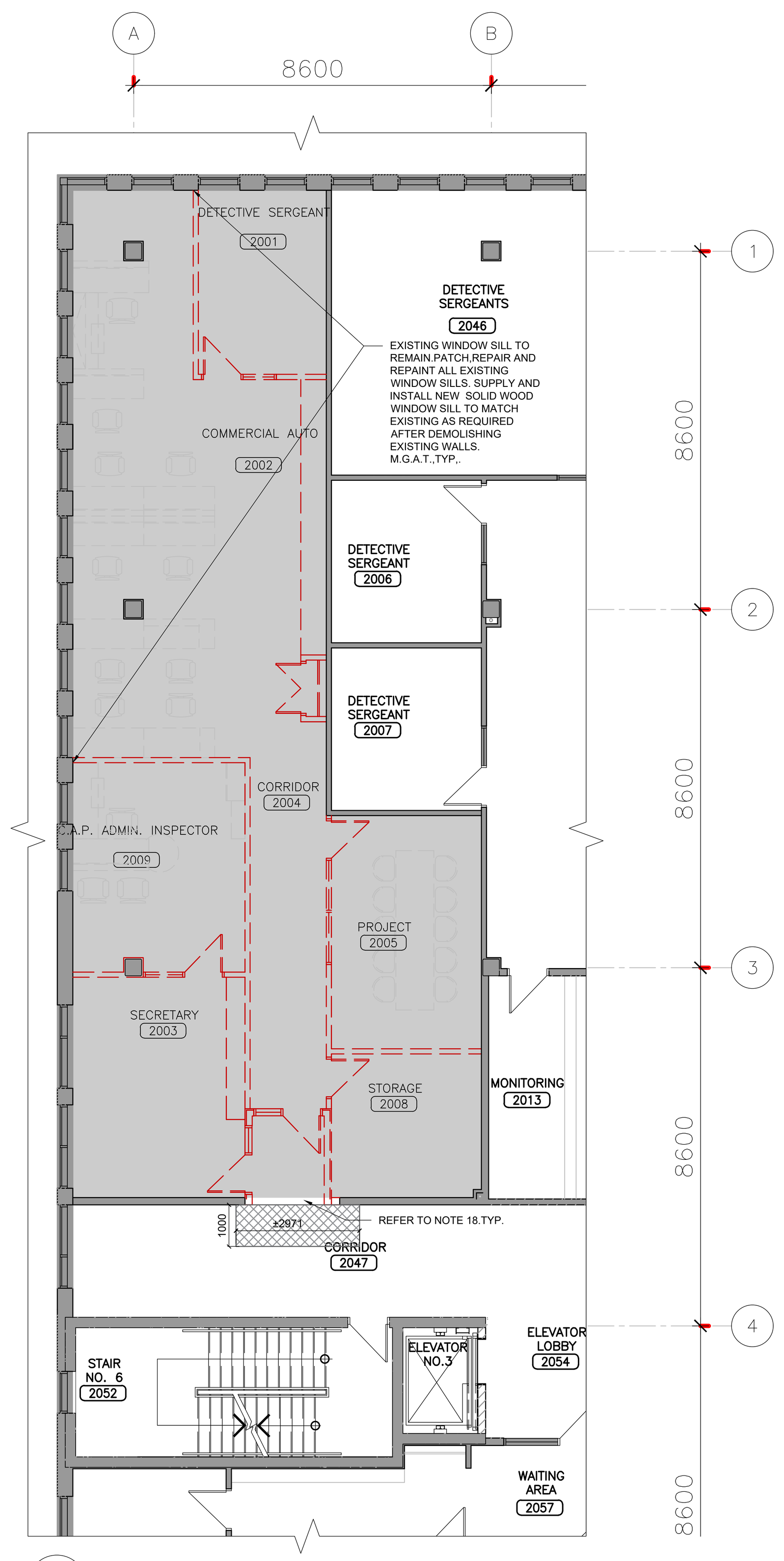
ISSUED FOR CONSTRUCTION DATE

NORTH
PROJECT NORTH

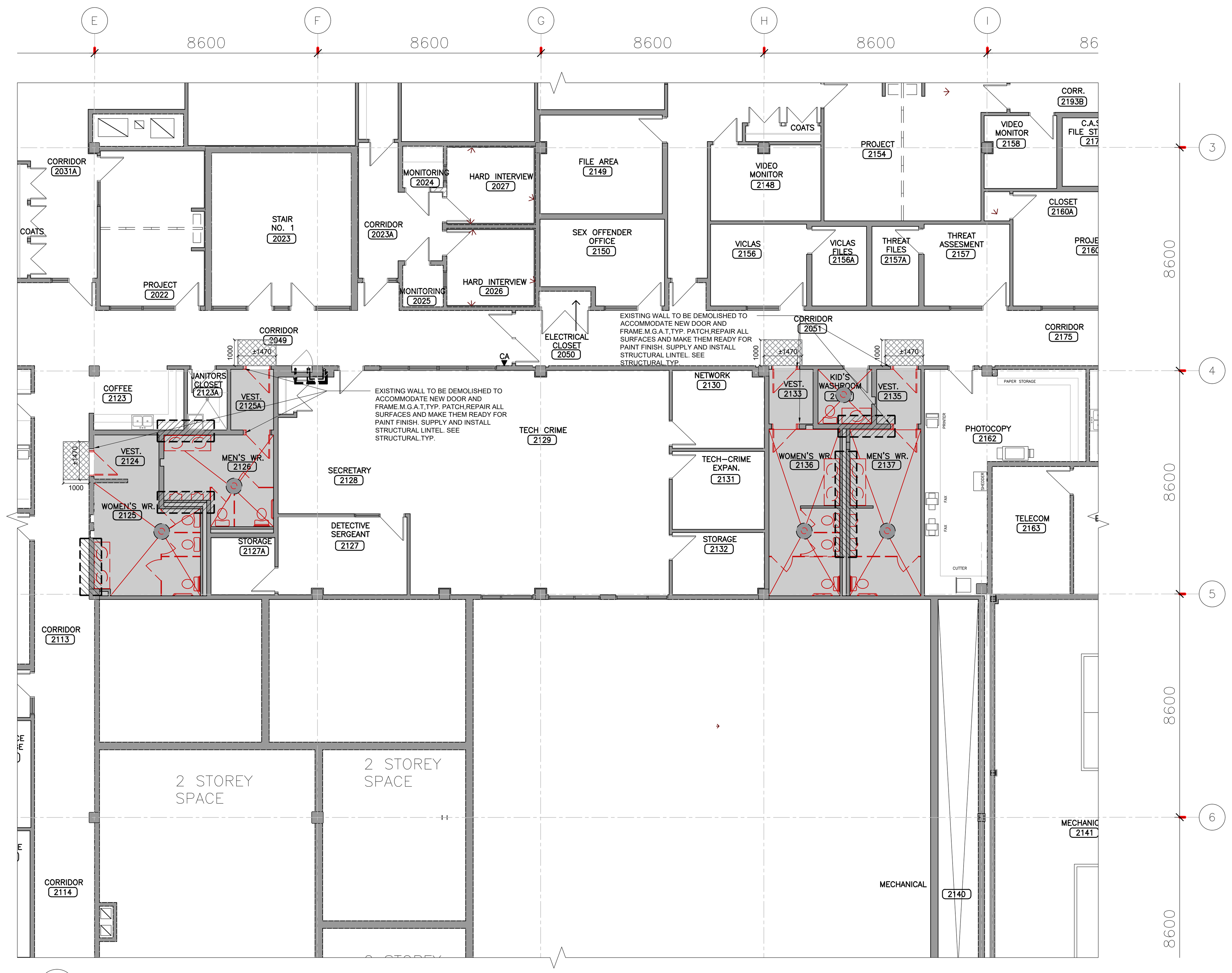
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE: PARTIAL BASEMENT & GROUND FLOOR PLAN-DEMOLITION

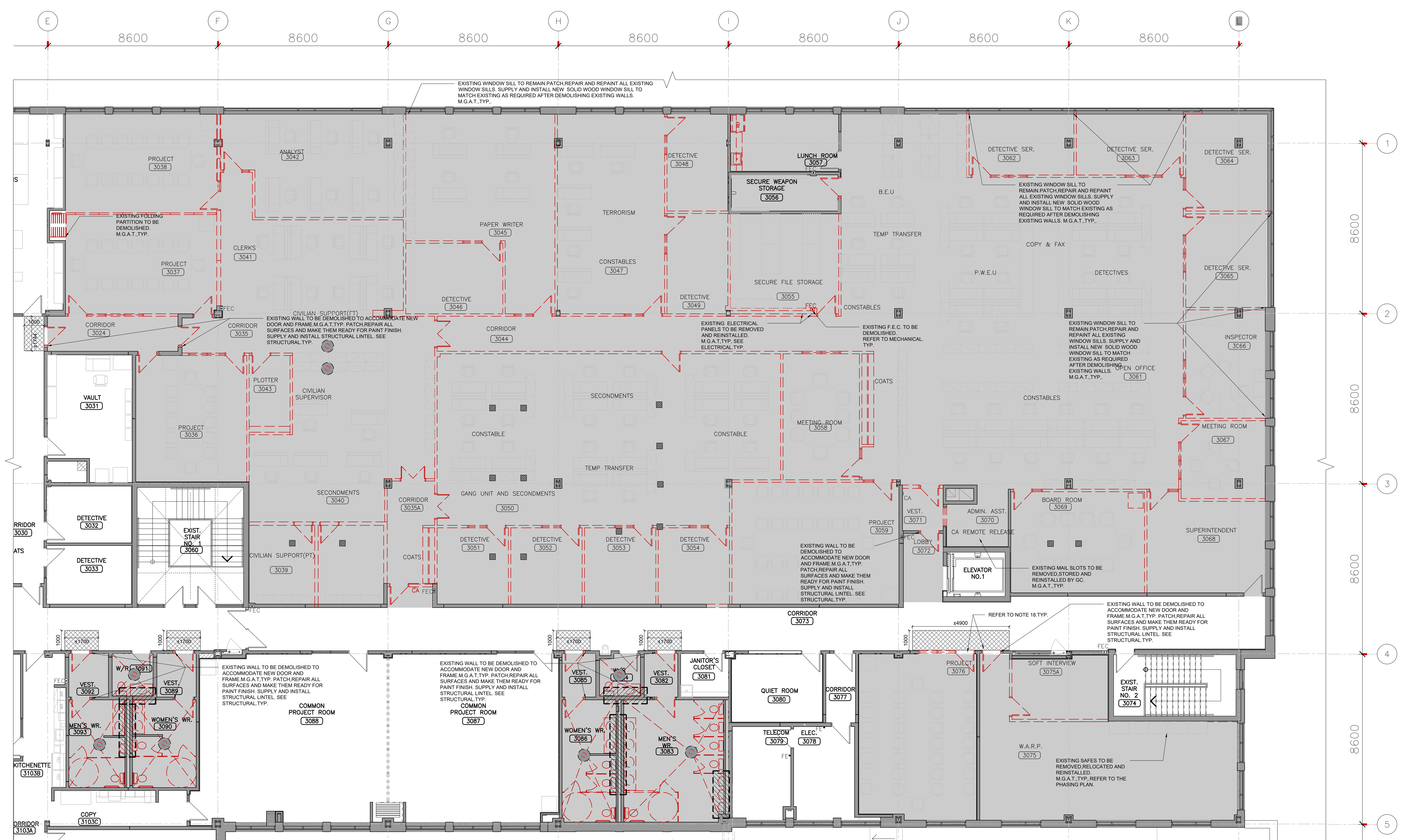
SHEET NO.: A100
DRAWN BY: SZ
CHECKED: RN
PROJECT NO.:
SCALE: AS NOTED



1 A101 PARTIAL SECOND FLOOR PLAN-DEMO
SCALE: 1:100



2 A101 PARTIAL SECOND FLOOR PLAN (WASHROOMS)-DEMO
SCALE: 1:100



3 A101 PARTIAL THIRD FLOOR PLAN-DEMO
SCALE: 1:100

GENERAL DEMOLITION NOTES

1. ALL EXISTING WALL DISTURBED AND DAMAGED DURING DEMOLITION TO BE REPAIRED,PATCHED AND CEMENTED, READY FOR FINISH.
2. THIS DRAWING IS TO BE COORDINATED WITH MECHANICAL & ELECTRICAL DRAWINGS. ANY DISCREPANCIES IN THE DRAWINGS TO BE REPORTED TO ARCHITECT/ENGINEER.
3. CUT OUT SCRATCHES, CRACKS AND ABRASIONS IN WALL SURFACES AND ADJOINING TRIMS AS REQUIRED AND FILL WITH AN APPROVED NON-SHRINK PATCHING COMPOUND FLUSH WITH ADJOINING SURFACE. WHEN DRY, SAND THE PATCH SMOOTH AND SEAL BEFORE THE APPLICATION OF THE PRIME COAT.
4. CONTRACTOR IS TO PROVIDE TEMPORARY PLYWOOD COVER FOR THE EXISTING EXPANSION JOINT TO PROTECT ELASTOMERIC BONDING, ALUM. ANGELS, CAULKING, FOAM ROPE AND WATER-STOP M.G.A.T, TYP. AGAINST DUST AND DIRT.
6. CONTRACTOR TO CHECK ALL MATERIALS USED IN CONSTRUCTION FOR DEFECTS. ONLY NEW, UNBLEMISHED MATERIALS ARE TO BE USED.
7. WHERE NEW WORK, INCLUDING ALL ELECTRICAL & MECHANICAL WORK CONNECTS WITH EXISTING & WHERE EXISTING WORK IS ALTERED, ALL NECESSARY CUTTING & FITTING REQUIRED TO MAKE SATISFACTORY CONNECTIONS WITH THE EXISTING WORK SHALL BE PERFORMED UNDER THIS CONTRACT, SO AS TO LEAVE THE ENTIRE WORK IN FINISHED AND WORKMANLIKE CONDITION.
8. ALL DIMENSIONS SHOWN ARE APPROXIMATE. DIMENSIONS MUST BE SITE VERIFIED BY CONTRACTOR.
9. DUST CONTROL - THE GENERAL CONTRACTOR IS TO PROVIDE TEMPORARY PLASTIC COVER SHEETS TO EXISTING GRILLES, RADIATORS AND EQUIPMENTS PRIOR TO THE DEMOLITION WORK SO AS TO PROTECT ALL ADJACENT OFFICE AREAS AND EQUIPMENT FROM ANY DUST.
10. UPON COMPLETION, CLEAN THE ENTIRE AREA OF DEMOLITION TO A TIDY, UNIFORM CONDITION REMOVING ALL DEBRIS, DUST, PARTITIONS AND ASSOCIATED MATERIALS USED DURING THE DEMOLITION. CLEAN ALL AREAS IMPACTED BY THE DEMOLITION, INCLUDING BUT NOT LIMITED TO ADJACENT OCCUPIED AREAS AND AREAS NOT WITHIN THE SCOPE.
11. GENERAL CONTRACTOR IS RESPONSIBLE TO CUT, REPAIR, PATCH, FIRESTOP AND INFILL EXISTING WALL AND FLOOR TO ACCOMMODATE NEW ELECTRICAL CONDUIT AND MECHANICAL PIPE OPENING,TYP.
12. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ELECTRICAL, SECURITY, MECHANICAL CONTRACTOR FOR LOCATION AND NUMBER OF THE OPENINGS FOR THE WALL AND FLOOR PENETRATION ,TYP.
13. ALL EXISTING TACK BOARDS, WHITEBOARDS, SIGNS INSTALLED ON THE WALLS TO BE DEMOLISHED. M.G.A.T.,TYP.
14. ALL EXISTING PVC PAPER TOWEL DISPENSERS, TOILET PAPER HOLDERS,SOAP DISPENSERS, STAINLESS STEEL SANITARY NAPKIN DISPENSER UNITS TO BE REMOVED, STORED AND REINSTALLED . EXACT LOCATION TO BE CONFIRMED BY CLIENT. TYPICAL TO WASHROOMS, KITCHEN, AND SHOWERS.
15. ALL EXISTING RECESSED STAINLESS STEEL PAPER TOWEL DISPENSER/DISPOSAL UNITS,TO BE DEMOLISHED. M.G.A.T.,TYP.
16. ALL EXISTING OPENING ON THE WALL (AFTER REMOVING RECESSED ACCESSORIES) TO BE FILLED WITH WATER RESISTANT DRYWALL ON STUD FRAMING, PAINT FINISH. TYP, . TYPICAL TO ALL WASHROOMS, CHANGE ROOMS AND SHOWERS. TYP.
17. ALL EXISTING WINDOW SILLS TO REMAIN.PATCH,REPAIR AND REPAINT ALL EXISTING WINDOW SILLS. SUPPLY AND INSTALL NEW SOLID WOOD WINDOW SILL TO MATCH EXISTING AS REQUIRED AFTER DEMOLISHING EXISTING WALLS. M.G.A.T.,TYP,.
18. FOR ALL STC RATED DOORS THAT WILL BE INSTALLED ON EXISTING WALLS, GC IS TO CUT, REPAIR, PATCH EXISTING WALL,CEILING,FLOOR FINISH AS REQUIRED FOR THE INSTALLATION OF THE STRUCTURAL SUPPORT. GC TO SUPPLY AND INSTALL NEW WALL, FLOOR FINISH, CEILING FINISHES TO MATCH EXISTING. REFER TO STRUCTURAL. M.G.A.T.,TYP.
19. ALL EXISTING WALL MOUNTED ACCESS DOORS LOCATED IN WASHROOMS & SHOWERS TO BE REMOVED AND REPLACED WITH NEW. TYP.
20. ALL EXISTING WINDOW BLINDS WITHIN THE SCOPE OF AREA TO BE DEMOLISHED. PATCH, REPAIR, PAINT FINISH ALL AFFECTED SURFACES DUE TO DEMOLITION. M.G.A.T.,TYP.
21. GC TO PATCH,REPAIR,INFILL ALL EXISTING WALLS AFTER REMOVING ANY ELECTRICAL & MECHANICAL COMPONENTS INCLUDING BUT NOT LIMITED TO OUTLETS,SURFACE MOUNTED/RECESSED COMPONENTS. M.G.A.T.,TYP
22. FOR ALL WALL/PARTITION DEMOLITION, GC IS TO INCLUDE MASONARY WALL WITH 2 LAYERS OF DRYWALL. M.G.A.T,TYP.
23. ALL EXIST.FLOOR DRAINS LOCATED IN WASHROOMS & CHANGE ROOMS TO BE REMOVED AND REPLACED WITH NEW. REFER TO MECHANICAL. M.G.A.T.,TYP. CUT REPAIR, PATCH, AND FIRE STOP THE SLAB AS REQUIRED FOR THE INSTALLATION OF THE NEW FLOOR DRAINS.M.G.A.T.,TYP.

FLOOR DEMOLITION NOTES

1. ALL FLOOR AREAS WHERE EXISTING CARPET/ CARPET TILE FLOORING HAS BEEN REMOVED TO ACCOMMODATE NEW FINISHES, REMOVE ALL ADHESIVE, GRIND DOWN AND SMOOTH THE FLOOR TO BASE CONCRETE,SMOOTH AND CLEAN TO RECEIVE NEW FLOORING. REFER TO FLOOR FINISH PLAN AND SECTIONS FOR NEW FLOOR FINISH AND ELEVATION.
2. REPAIR, PATCH, MAKE GOOD AT WALL AND FLOOR JUNCTIONS AND PAINT FINISH TO ALL RELATED EXISTING AREAS TO ACCOMMODATE NEW MECHANICAL & ELECTRICAL MODIFICATIONS, FIXTURES AND NEW CONNECTIONS.
3. CONTRACTOR IS RESPONSIBLE FOR X-RAY STUDY OF EXISTING CONCRETE FLOOR SLAB BEFORE CUTTING TO ENSURE STRUCTURAL INTEGRITY OF THE FLOOR SLAB AND NO EXISTING UNDERGROUND SERVICES TO BE AFFECTED.
4. REFER TO FLOOR FINISH PLAN, ROOM FINISH SCHEDULE AND ELECTRICAL/ MECHANICAL PLANS TO MAKE NECESSARY CHANGES OR DEMOLITION TO MATCH NEW LAYOUT AND FINISHES, NEW MECHANICAL /ELECTRICAL MODIFICATION AND CONNECTIONS.

GENERAL DEMOLITION LEGEND

	EXISTING WALL OR PARTITION TO REMAIN, TYP.
	EXISTING WALLS, PARTITIONS,WINDOWS, DOORS, FRAMES, FIXTURE, ACCESSORIES,SHOWER CURTAINS, AND MILLWORK TO BE DEMOLISHED. CUT & CAP ALL EXISTING PIPEWORK IF NECESSARY, SEE MECHANICAL. ALL EXISTING DAMAGED WALL JUNCTIONS TO BE CUT, PATCHED & SMOOTH, PAINT FINISH. M.G.A.T, TYPICAL
	EX.WATER CLOSET, URINAL, WASHROOM PARTITION, SINK, SHOWER,FLOOR DRAIN AND ALL RELATED COMPONENTS TO BE DEMOLISHED AND REPLACED WITH NEW . TYP., REFER TO MECHANICAL.
	EX. DOOR AND FRAME TO REMAIN, TYP.
	EXTENT OF THE AREA TO BE DEMOLISHED TO THE BASE BUILDING WALLS AND CONCRETE STRUCTURE/ FLOOR. DEMOLISH ALL RELATED ARCHITECTURAL ITEMS BUT NOT LIMITED TO; FLOOR FINISHES,CARPET, CARPET ADHESIVES, WALL BASE,WALLS, PARTITIONS,RAMP, MILLWORK,FURNITURE,RAILINGS,WHITEBOARDS, TACK BOARDS,ETC. M.G.A.T.,TYP. SAND, SMOOTH & CLEAN DEMOLISHED FLOOR & APPLY LEVELING COMPOUND TO ACCOMMODATE NEW FLOORING. REFER TO FLOOR FINISH PLAN AND SECTIONS FOR NEW FINISH FLOOR MATERIALS AND LEVELS.SEE MECHANICAL AND ELECTRICAL, M.G.A.T., TYP.
	PATCH, REPAIR AND MODIFY EXISTING CEILING, FLOOR FINISH, ANY SURFACE DAMAGED DURING DEMOLITION TO ACCOMMODATE NEW CEILING, FLOOR FINISH,WALL ,DOOR AND FRAMES,AND DOOR STRUCTURAL SUPPORT. M.G.A.T.,TYP.
	GENERAL CONTRACTOR IS RESPONSIBLE TO CUT, REPAIR, PATCH, FIRESTOP AND INFILL EXISTING WALL AND FLOOR TO ACCOMMODATE NEW MECHANICAL ,ELECTRICAL,SECURITY OPENING, SEE MECHANICAL ,ELECTRICAL AND SECURITY, TYP. GENERAL CONTRACTORS RESPONSIBLE TO COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTOR FOR SIZE AND LOCATION OF THE OPENINGS AND INSTALL NEW STEEL LINTEL FOR THE WALL OPENING, SEE MECHANICAL AND ELECTRICAL, TYP. EXACT LOCATION TO BE COORDINATED BY GC.
	±300mmX±300mm TRENCH (TYP). EXIST. FLOOR SLAB TO BE CUT TO ACCOMMODATE INSTALLATION OF NEW JUNCTION BOXES. CUT, PATCH AND FIRE STOP AT EXIST. FLOOR SLAB/ CEILING BELOW AS REQUIRED. GENERAL CONTRACTOR IS RESPONSIBLE FOR X-RAY STUDY OF EXIST. CONCRETE FLOOR SLAB BEFORE CUTTING TO ENSURE STRUCTURAL INTEGRITY OF THE FLOOR SLAB AND NO EXIST. UNDERGROUND SERVICES TO BE AFFECTED. STRUCTURAL CONSULTANT SHALL BE RETAINED BY THE GENERAL CONTRACTOR TO REVIEW EACH SCAN LOCATION ON SITE AND PROVIDE A WRITTEN REPORT WITH THEIR COMMENTS REGARDING THE ACCEPTABILITY OF PROPOSED LOCATIONS.EXACT LOCATION TO BE COORDINATED BY GC.
	CUT EXIST. CONC. BLOCK WALL TO ±5'-0" AFF TO ACCOMMODATE ALL PLUMBING REPLACEMENT AND CONNECTION WORK -(SEE MECH.)(M.G.A.T.) (TYP.) GC TO COORDINATE THE EXACT LOCATIONS WITH MECHANICAL SUBCONTRACTOR AS PER EXISTING CONDITIONS.
M.G.A.T.	MAKE GOOD ON ALL TRADES AT JUNCTION
EX.	EXISTING
TYP.	TYPICAL

REVISIONS

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.08.04
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.26
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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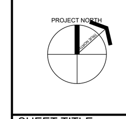
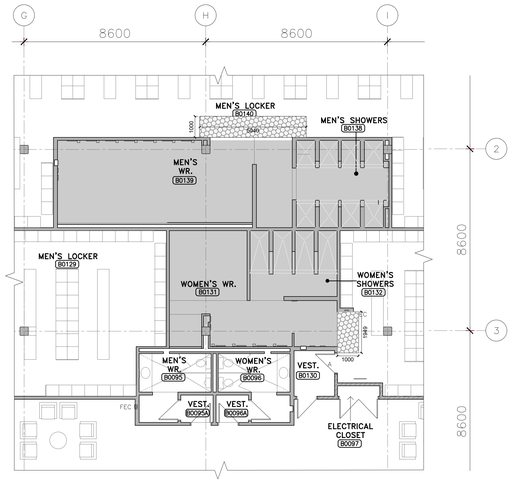
NORTH



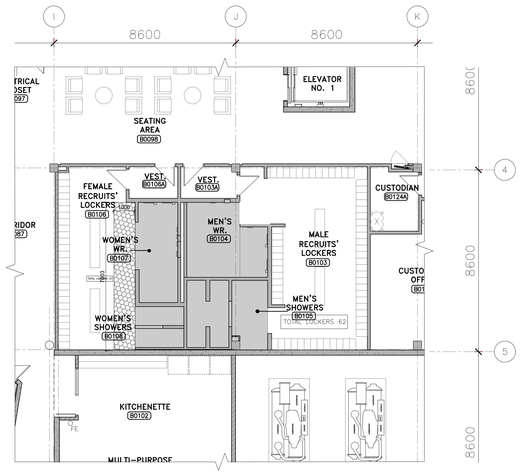
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
PARTIAL SECOND & THIRD FLOOR PLAN- DEMOLITION

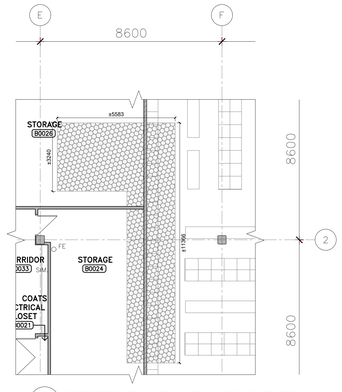
SHEET NO. A101
DRAWN BY: SZ
CHECKED: RN
PROJECT NO.
SCALE: AS NOTED



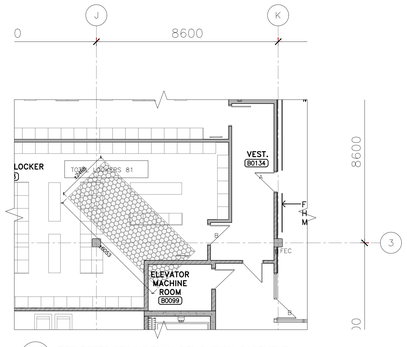
1 A102 REFLECTED CEILING PLAN- DEMOLITION- BASEMENT FLOOR (B0131,B0132,B0138,B0139)
SCALE: 1:100



2 A102 REFLECTED CEILING PLAN- DEMOLITION- BASEMENT FLOOR (B0104,B0105,B0106,B0107)
SCALE: 1:100



3 A102 REFLECTED CEILING PLAN- DEMOLITION- BASEMENT
SCALE: 1:100



4 A102 REFLECTED CEILING PLAN- DEMOLITION- BASEMENT
SCALE: 1:100

REFLECTED CEILING PLAN DEMOLITION LEGEND

	DEMOLISH EXISTING T-BAR/DRYWALL CEILING AND ALL RELATED MECHANICAL AND ELECTRICAL SYSTEMS AND COMPONENTS UNLESS OTHERWISE NOTED. SEE MECHANICAL AND ELECTRICAL, M.G.A.T., TYP.
	- REMOVE, REPLACE, CUT AND PATCH EX. DRYWALL CEILING & CEILING TILE TO ACCOMMODATE THE NEW MECHANICAL WORK IN THE CEILING SPACE. SEE MECHANICAL, TYP. - ANY DAMAGED TILES DURING THE PROCESS ARE TO BE REPLACED WITH NEW TILES, CEILING GRID IS TO REMAIN - REPLACE ANY DAMAGED CEILING SYSTEM COMPONENTS INCLUDE BUT NOT LIMITED TO HANGERS, EXPOSED MAIN TEE, EXPOSED CROSS TEE, WALL MOLDING LAY IN PANELS AND HOLD DOWN CLIPS WHERE REQUIRED. M.G.A.T., TYP. - PATCH, REPAIR, AND PAINT FINISH ALL AFFECTED GYPSUMBOARD CEILING TO MATCH EXISTING. M.G.A.T., TYP. - REMOVE AND REINSTALL ALL EXISTING MECHANICAL AND ELECTRICAL FIXTURES, DEVICES, COMPONENTS INCLUDE BUT NOT LIMITED TO LIGHTING FIXTURES, EXHAUST/SUPPLY GRILLE, OCCUPANCY SENSOR, ETC IF REQUIRED. ALL DAMAGED EXISTING ELECTRICAL AND MECHANICAL COMPONENTS TO BE REPLACED WITH NEW TO MATCH EXISTING. M.G.A.T., TYP. GENERAL CONTRACTOR TO VERIFY QUANTITIES, TYPE AND EXACT LOCATION OF ALL ELECTRICAL & MECHANICAL COMPONENTS ON SITE.
	EX. WALL OR PARTITION TO REMAIN, TYP.
	EX. WALL OR PARTITION TO BE DEMOLISHED, TYP.
EX.	EXISTING
M.G.A.T	MAKE GOOD ON ALL TRADES AT JUNCTION
TYP.	TYPICAL

CEILING DEMOLITION NOTES

1. THIS DRAWING IS TO BE COORDINATED WITH MECHANICAL & ELECTRICAL DRAWINGS. ANY DISCREPANCIES IN THE DRAWINGS TO BE REPORTED TO ARCHITECT/ENGINEER.

2. REFER TO REFLECTED CEILING PLAN TO MAKE NECESSARY CHANGES OR DEMOLITION TO MATCH NEW LAYOUT AND FRAMES.

3. REFER TO ELECTRICAL DRAWINGS FOR DEMOLITION OF EXISTING BUT NOT LIMITED TO DEVICES, LIGHT FIXTURES, RECEPTACLES, CONDUITS, SWITCHES, ETC.

4. REFER TO MECHANICAL DRAWINGS FOR DEMOLITION OF EXISTING BUT NOT LIMITED TO MECHANICAL EQUIPMENTS, CONTROLS, DUCTS, PIPING, PLUMBING FIXTURES, ETC.

5. WHERE EXISTING SUSPENDED ACOUSTIC CEILING TILES ARE DISTURBED TO PERFORM NECESSARY ALTERATIONS, THEY MUST BE RETURNED TO A CONDITION EQUIVALENT TO BEFORE THEY WERE DISTURBED. ACOUSTIC CEILING TILES DAMAGED DURING THE ALTERATIONS MUST BE REPLACED.

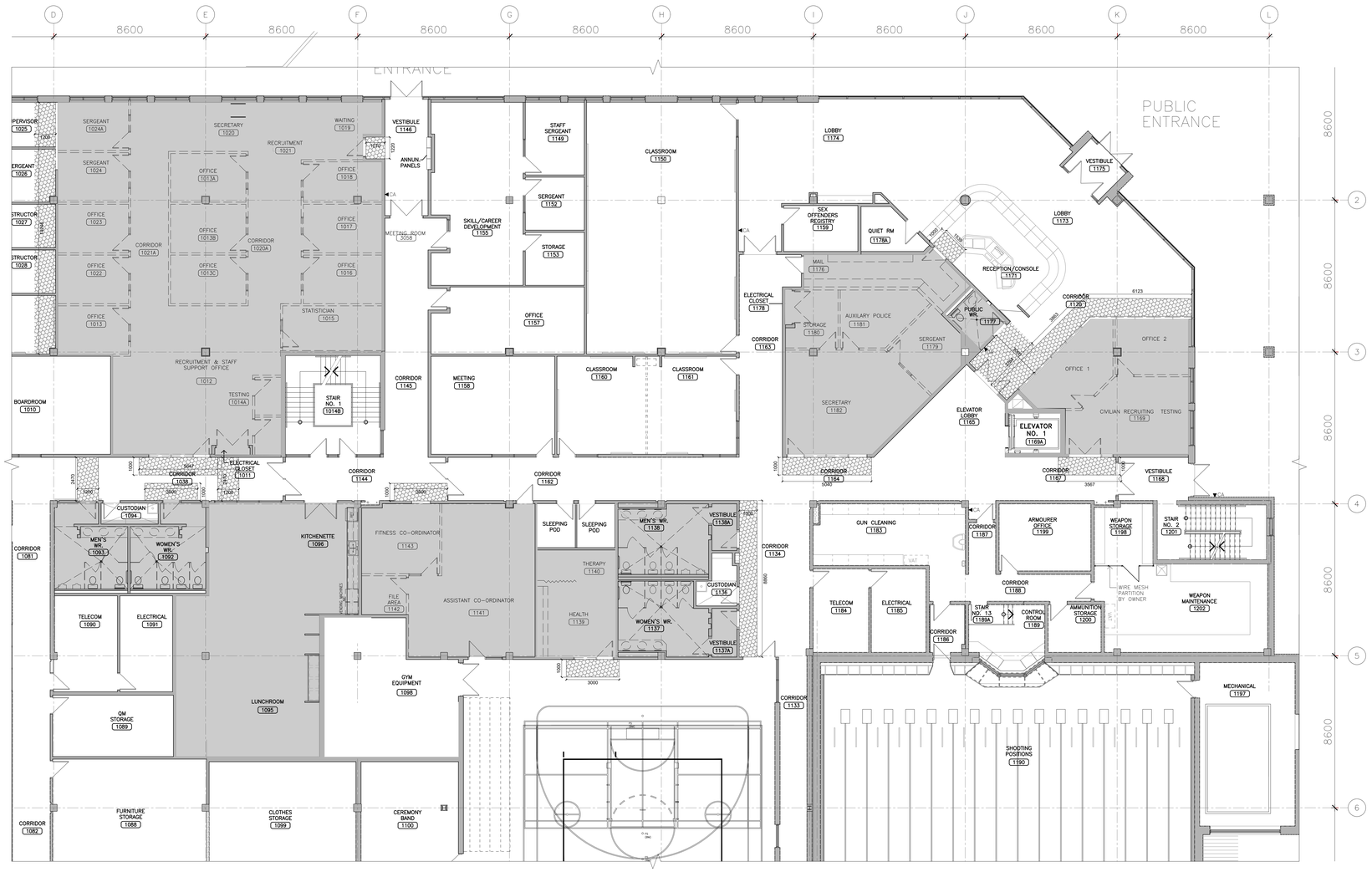
6. WHERE EXISTING DUCTWORK IS ALTERED, ALL NECESSARY CUTTING & PATCHING OF EXISTING BULKHEADS, WALLS & CEILINGS REQUIRED SHALL BE PERFORMED UNDER THIS CONTRACT, SO AS TO LEAVE THE ENTIRE WORK IN A FINISHED AND WORKMAN LIKE CONDITION.

7. REPAIR, PATCH, AND MAKE GOOD AT JUNCTIONS TO ALL RELATED EXISTING AREAS WHERE NEW STRUCTURAL FRAMES CONNECT

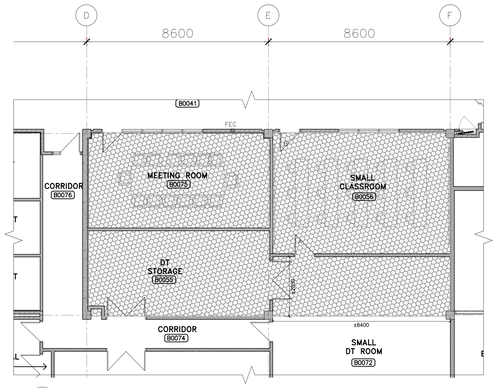
8. REPAIR, PATCH, AND MAKE GOOD AT JUNCTIONS ALL RELATED EXISTING AREAS TO ACCOMMODATE NEW MECHANICAL AND ELECTRICAL MODIFICATIONS AND NEW CONNECTIONS.

9. CUT AND MAKE GOOD EXIST. CEILING WHERE TO RECEIVE NEW PARTITION. MODIFY AND PROVIDE ALL REQUIRED CEILING COMPONENTS TO INCLUDE BUT NOT LIMITED TO: HANGERS, EXPOSED MAIN TEE, EXPOSED CROSS TEE, WALL MOULDING LAY-IN PANELS AND HOLD DOWN CLIPS WHERE REQUIRED.

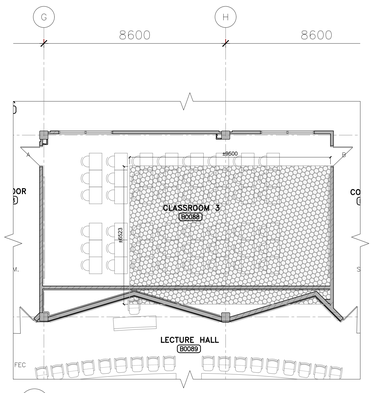
10. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED TEES, FRAMING SUPPORT, BRACING, MAIN TEES,CARRYING CHANNELS, ACCESSORIES AND ALL RELATED COMPONENTS, TYP.



7 A102 REFLECTED CEILING PLAN- DEMOLITION- GROUND FLOOR
SCALE: 1:100



5 A102 REFLECTED CEILING PLAN- DEMOLITION- BASEMENT
SCALE: 1:100



6 A102 REFLECTED CEILING PLAN- DEMOLITION- BASEMENT
SCALE: 1:100

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
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5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NCA ARCHITECTS

The contractor shall check and verify all dimensions and report errors and omissions to the consultant and the professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

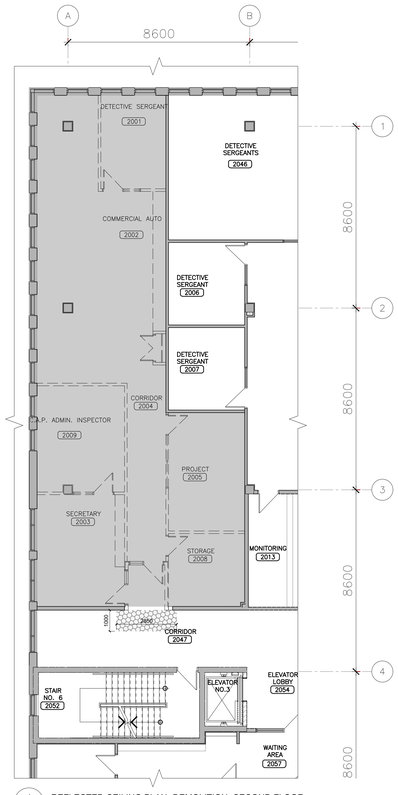
ISSUED FOR CONSTRUCTION DATE

NORTH

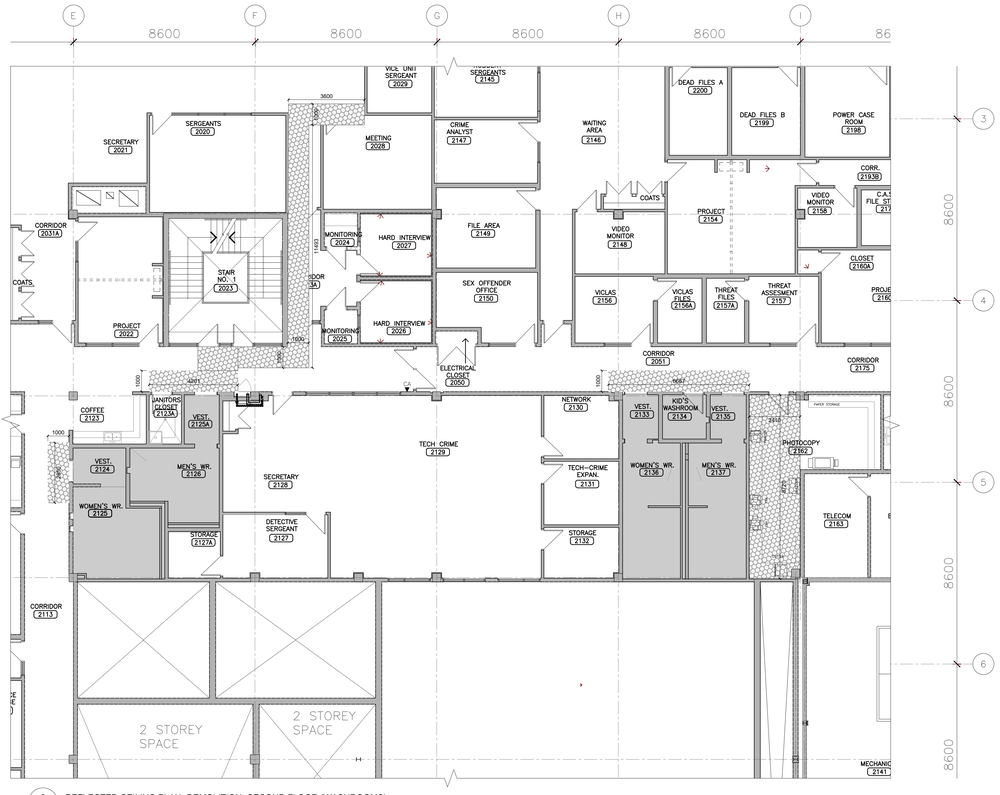
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
REFLECTED CEILING PLAN DEMOLITION- BASEMENT & GROUND FLOOR

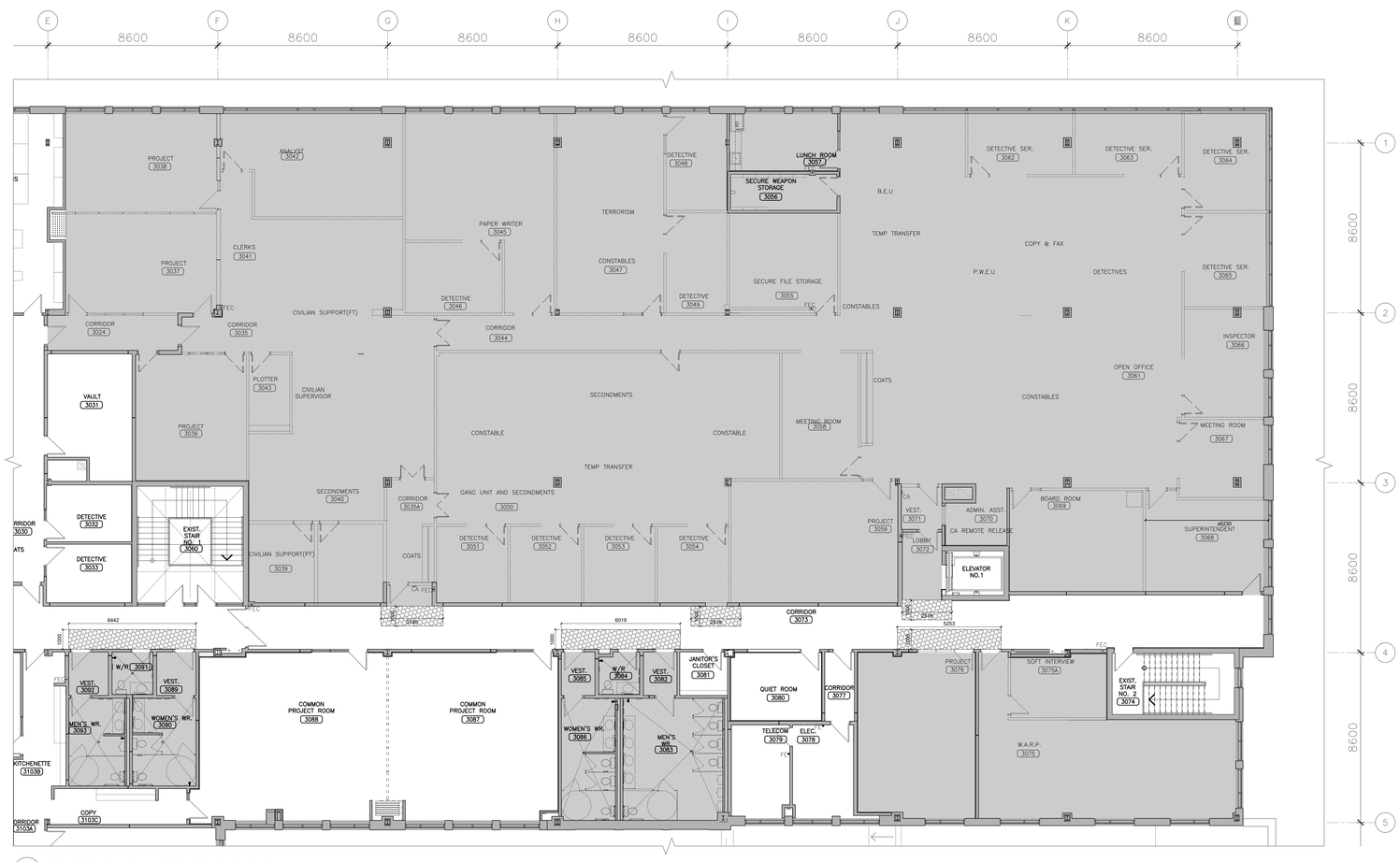
SHEET NO: A102
DRAWN BY: MM
CHECKED: RN
PROJECT NO.
SCALE: AS NOTED



1 A103 REFLECTED CEILING PLAN- DEMOLITION- SECOND FLOOR
SCALE: 1:100



2 A103 REFLECTED CEILING PLAN- DEMOLITION- SECOND FLOOR (WASHROOMS)
SCALE: 1:100



3 A103 REFLECTED CEILING PLAN- DEMOLITION- THIRD FLOOR
SCALE: 1:100

REFLECTED CEILING PLAN DEMOLITION LEGEND

	DEMOLISH EXISTING T-BAR/DRYWALL CEILING AND ALL RELATED MECHANICAL AND ELECTRICAL SYSTEMS AND COMPONENTS UNLESS OTHERWISE NOTED. SEE MECHANICAL AND ELECTRICAL, M.G.A.T., TYP.
	- REMOVE, REPLACE, CUT AND PATCH EX. DRYWALL CEILING & CEILING TILE TO ACCOMMODATE THE NEW MECHANICAL WORK IN THE CEILING SPACE. SEE MECHANICAL, TYP. - ANY DAMAGED TILES DURING THE PROCESS ARE TO BE REPLACED WITH NEW TILES, CEILING GRID IS TO REMAIN - REPLACE ANY DAMAGED CEILING SYSTEM COMPONENTS INCLUDE BUT NOT LIMITED TO HANGERS, EXPOSED MAIN TEE, EXPOSED CROSS TEE, WALL MOLDING LAY IN PANELS AND HOLD DOWN CLIPS WHERE REQUIRED. M.G.A.T., TYP. - PATCH, REPAIR, AND PAINT FINISH ALL AFFECTED GYPSUMBOARD CEILING TO MATCH EXISTING. M.G.A.T., TYP. - REMOVE AND REINSTALL ALL EXISTING MECHANICAL AND ELECTRICAL FIXTURES, DEVICES, COMPONENTS INCLUDE BUT NOT LIMITED TO LIGHTING FIXTURES, EXHAUST/SUPPLY GRILLE, OCCUPANCY SENSOR, ETC IF REQUIRED. ALL DAMAGED EXISTING ELECTRICAL AND MECHANICAL COMPONENTS TO BE REPLACED WITH NEW TO MATCH EXISTING. M.G.A.T., TYP. GENERAL CONTRACTOR TO VERIFY QUANTITIES, TYPE AND EXACT LOCATION OF ALL ELECTRICAL & MECHANICAL COMPONENTS ON SITE.
	EX. WALL OR PARTITION TO REMAIN, TYP.
	EX. WALL OR PARTITION TO BE DEMOLISHED, TYP.
EX.	EXISTING
M.G.A.T	MAKE GOOD ON ALL TRADES AT JUNCTION
TYP.	TYPICAL

CEILING DEMOLITION NOTES

1. THIS DRAWING IS TO BE COORDINATED WITH MECHANICAL & ELECTRICAL DRAWINGS. ANY DISCREPANCIES IN THE DRAWINGS TO BE REPORTED TO ARCHITECT/ENGINEER.

2. REFER TO REFLECTED CEILING PLAN TO MAKE NECESSARY CHANGES OR DEMOLITION TO MATCH NEW LAYOUT AND FRAMES.

3. REFER TO ELECTRICAL DRAWINGS FOR DEMOLITION OF EXISTING BUT NOT LIMITED TO DEVICES, LIGHT FIXTURES, RECEPTACLES, CONDUITS, SWITCHES, ETC.

4. REFER TO MECHANICAL DRAWINGS FOR DEMOLITION OF EXISTING BUT NOT LIMITED TO MECHANICAL EQUIPMENTS, CONTROLS, DUCTS, PIPING, PLUMBING FIXTURES, ETC.

5. WHERE EXISTING SUSPENDED ACOUSTIC CEILING TILES ARE DISTURBED TO PERFORM NECESSARY ALTERATIONS, THEY MUST BE RETURNED TO A CONDITION EQUIVALENT TO BEFORE THEY WERE DISTURBED. ACOUSTIC CEILING TILES DAMAGED DURING THE ALTERATIONS MUST BE REPLACED.

6. WHERE EXISTING DUCTWORK IS ALTERED, ALL NECESSARY CUTTING & PATCHING OF EXISTING BULKHEADS, WALLS & CEILINGS REQUIRED SHALL BE PERFORMED UNDER THIS CONTRACT, SO AS TO LEAVE THE ENTIRE WORK IN A FINISHED AND WORKMAN LIKE CONDITION.

7. REPAIR, PATCH, AND MAKE GOOD AT JUNCTIONS TO ALL RELATED EXISTING AREAS WHERE NEW STRUCTURAL FRAMES CONNECT

8. REPAIR, PATCH, AND MAKE GOOD AT JUNCTIONS ALL RELATED EXISTING AREAS TO ACCOMMODATE NEW MECHANICAL AND ELECTRICAL MODIFICATIONS AND NEW CONNECTIONS.

9. CUT AND MAKE GOOD EXIST. CEILING WHERE TO RECEIVE NEW PARTITION. MODIFY AND PROVIDE ALL REQUIRED CEILING COMPONENTS TO INCLUDE BUT NOT LIMITED TO: HANGERS, EXPOSED MAIN TEE, EXPOSED CROSS TEE, WALL MOULDING LAY-IN PANELS AND HOLD DOWN CLIPS WHERE REQUIRED.

10. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED TEES, FRAMING SUPPORT, BRACING, MAIN TEES,CARRYING CHANNELS, ACCESSORIES AND ALL RELATED COMPONENTS, TYP.

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07. 25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NCA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect/ engineer and professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

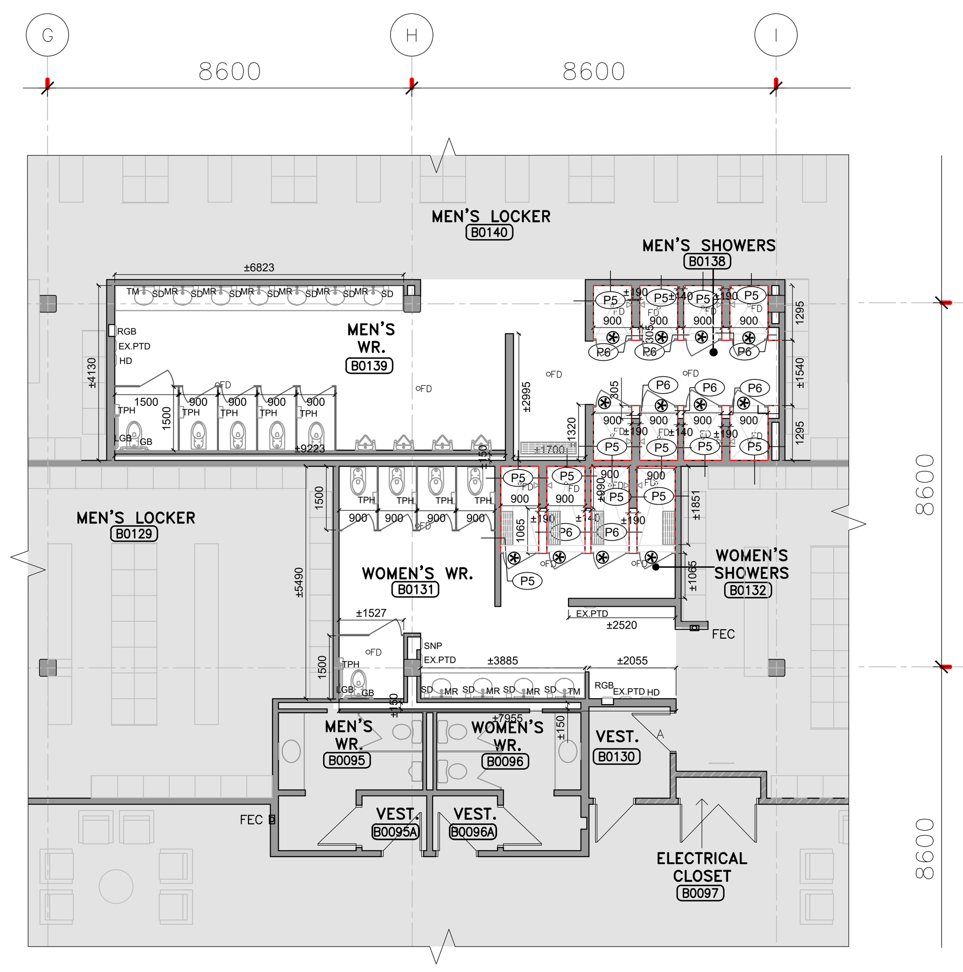
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
REFLECTED CEILING PLAN DEMOLITION- SECOND & THIRD FLOOR

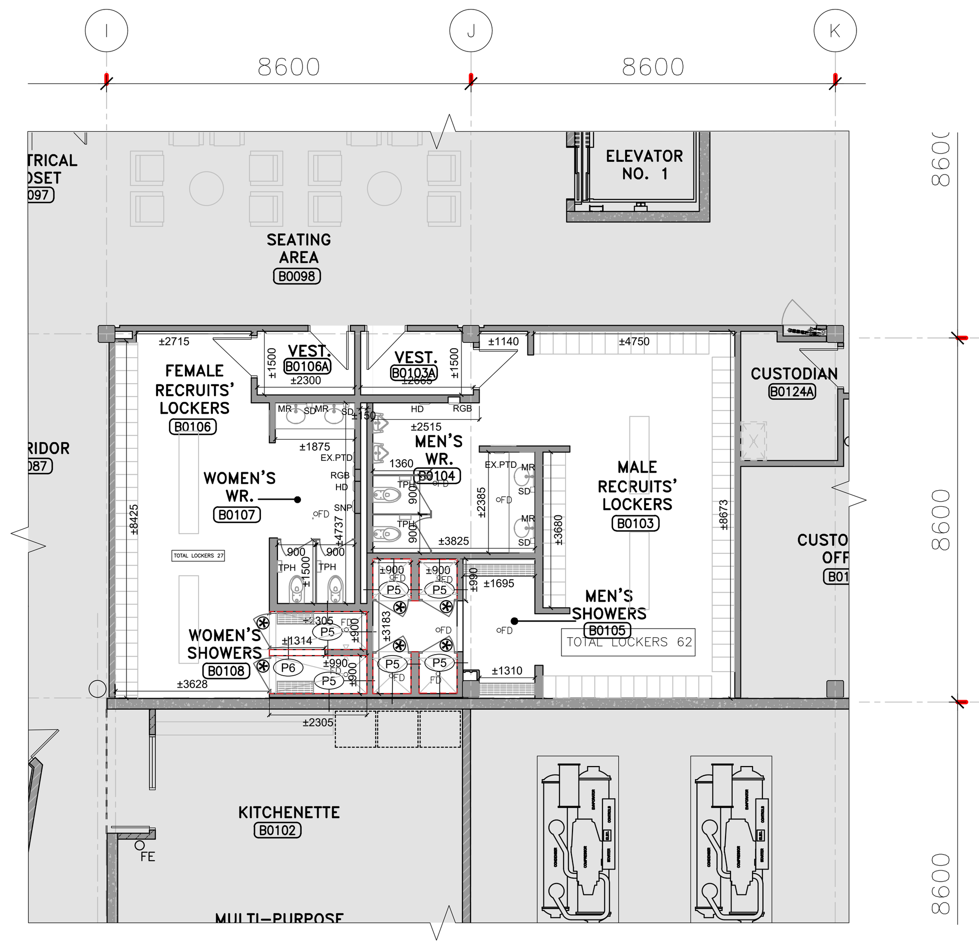
SHEET NO:	DRAWN BY	CHECKED
A103	MM	RN

PROJECT NO.

SCALE AS NOTED



1
A200
PARTIAL BASEMENT FLOOR PLAN (B0131,B0132,B0138,B0139)-NEW
SCALE: 1:100

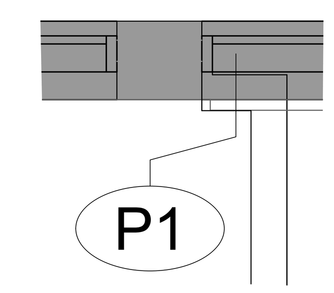


2
A200
PARTIAL BASEMENT FLOOR PLAN (B0104,B0105,B0106,B0107)-NEW
SCALE: 1:100

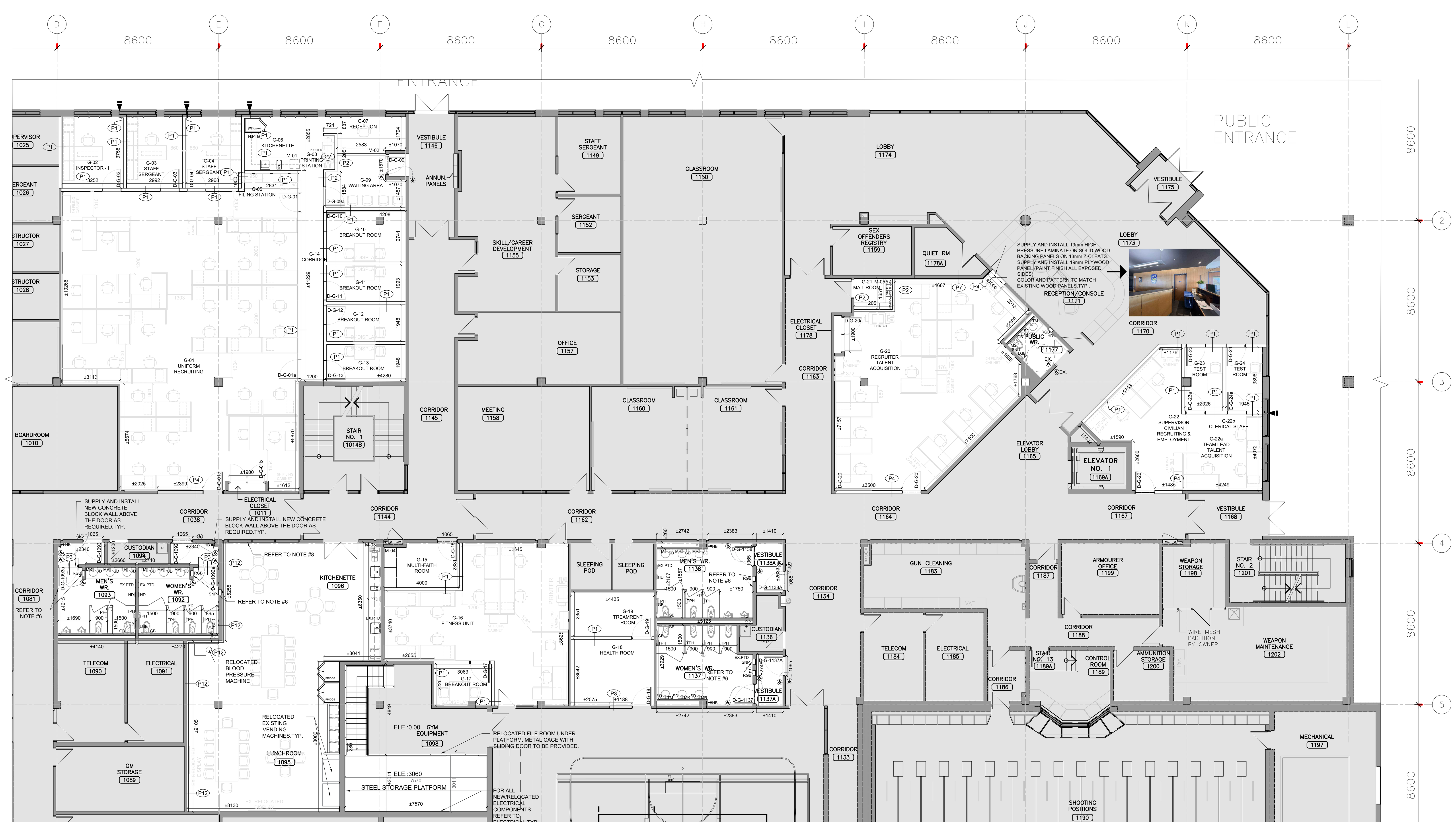
TYPICAL NOTES

TYPICAL NOTES FOR PARTITIONS AND WALLS:

1. ALL PARTITIONS EXTEND TO UNDERSIDE OF STRUCTURAL SLAB OR ROOF DECKING UNLESS OTHERWISE NOTED.EXITING SLAB HEIGHT IS ± 4400mm. GC TO VERIFY THE HEIGHT ON SITE.
2. ALL PARTITIONS LISTED WITH AN STC RATING ARE TO BE SOUND SEALED AT ALL JUNCTIONS AND PENETRATIONS, TYPICAL.
3. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED STEEL AND UNISTRUT FRAMING TO SUPPORT WALL OR CEILING HUNG DIGITAL SCREENS, TYPICAL.
4. ALL STC RATED PARTITION ASSEMBLIES TO COMPLY WITH BELOW MENTIONED TESTING STANDARDS: ASTM C423 & ASTM E1414.
5. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED BLOCKING, FRAMING, AND REINFORCEMENT TO SUPPORT WALL HUNG TOILETS, LAVATORIES, GRAB BARS, ETC.
6. ALL EXISTING OPENING ON THE WALL (AFTER REMOVING RECESSED ACCESSORIES) TO BE FILLED WITH WATER RESISTANT DRYWALL ON STUD FRAMING, PAINT FINISH. TYP, . TYPICAL TO ALL WASHROOMS, CHANGE ROOMS AND SHOWERS. TYP.
7. ALL EXISTING PAPER TOWEL DISPENSERS INSTALLED IN WASHROOMS, CHANGE ROOMS, SHOWERS, AND KITCHENETTES TO BE REMOVED AND REINSTALLED.
8. GC TO REMOVE ALL EXISTING WINDOW BLINDS INSTALLED TO EXISTING INTERIOR WINDOWS AND DOOR SIDELIGHTS. M.G.A.T,. TYP, GC TO SUPPLY AND INSTALL NEW DECORATIVE WINDOW FILM TO ALL INTERIOR WINDOW AND SIDELIGHT GLAZING.TYP.
9. PATCH AND REPAIR ALL EXIST.WALLS MAKE THEM READY FOR PAINT FINISH AFTER REMOVING WALL MOUNTED TVs, CLOCKS, ELECTRICAL OUTLETS. TYPICAL TO ALL RENOVATION SCOPE.
10. GC TO REMOVE EXISTING TOILETTE PAPER HOLDERS, SANITARY NAPKIN DISPENSERS, SOAP DISPENSERS,PAPER TOWEL DISPENSERS, STORE THEM, AND REINSTALL. M.G.A.T.,TYP. FINAL LOCATIONS TO BE CONFIRMED BY ARCHITECT AND CLIENT.
11. ALL CORNERS TO INTERIOR MASONRY WALLS TO BE ROUNDED BULLNOSE. TYP.
12. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED UNISTRUT FRAMING, BLOCKING, AND REINFORCEMENT TO SUPPORT WALL HUNG TOILETS, LAVATORIES, GRAB BARS, CEILING HUNG TOILET PARTITIONS, WALL STOPS, ETC. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATIONS WITH SUBCONTRACTORS. SEE ALSO TYPICAL DETAIL ON DRAWING A001.
13. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED STEEL AND UNISTRUT FRAMING TO SUPPORT WALL OR CEILING HUNG DIGITAL SCREENS,TYPICAL.
14. CUT OUT SCRATCHES, CRACKS AND ABRASIONS IN WALL SURFACES AND ADJOINING TRIMS AS REQUIRED AND FILL WITH AN APPROVED NON-SHRINK PATCHING COMPOUND FLUSH WITH ADJOINING SURFACE. WHEN DRY, SAND THE PATCH SMOOTH AND SEAL BEFORE THE APPLICATION OF THE PRIME COAT.
15. WHERE NEW WORK, INCLUDING ALL ELECTRICAL & MECHANICAL WORK CONNECTS WITH EXISTING & WHERE EXISTING WORK IS ALTERED, ALL NECESSARY CUTTING & FITTING REQUIRED TO MAKE SATISFACTORY CONNECTIONS WITH THE EXISTING WORK SHALL BE PERFORMED UNDER THIS CONTRACT, SO AS TO LEAVE THE ENTIRE WORK IN FINISHED AND WORKMANLIKE CONDITION.
16. GENERAL CONTRACTOR IS RESPONSIBLE TO CO-ORDINATE W/ MECH & ELEC SUB-CONTRACTORS TO CONFIRM QUANTITY& LOCATION FOR THE DEMO OF ALL; INCLUDING BUT NOT LIMITED TO EXISTING DUCTWORK, PIPING, CONDUIT, ETC.
14. GENERAL CONTRACTOR TO REPAIR, PATCH, FIRESTOP & INFILL EXISTING WALLS & PARTITION OPENINGS FROM THE DEMO OF EXISTING MECH & ELEC SYSTEM (TYP.)(M.G.A.T.)
15. ANY CONFLICTS, OMISSIONS, DISCREPANCIES AND DISAGREEMENT IN ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO ANY PROCEEDING FOR ITS CLARIFICATIONS AND INSTRUCTIONS.
16. All STC RATED WALLS TO BE CONTINUED TO THE STRUCTURAL SLAB. IF THERE IS ANY CONFLICT BETWEEN MECHANICAL/ELECTRICAL COMPONENTS AND NEW STC RATED WALL, GC IS RESPONSIBLE TO EITHER RELOCATE THE MECHANICAL/ELECTRICAL COMPONENT OR SUPPLY AND INSTALL THE REQUIRED BULKHEAD AROUND THE COMPONENT TO MAINTAIN THE INTEGRITY OF THE STC RATED WALL.
17. GC TO SUPPLY AND INSTALL DRYWALL ENCLOSURE AROUND EXIST. DAMAGED/EXPOSED COLUMNS.TYP.
18. GC TO COORDINATE THE DEMOLITION OF THE EXISTING CONCRETE BLOCK WALL/DRYWALL AS REQUIRED, FOR INSTALLATION OF THE RECESSED EXISTING SANITARY NAPKIN DISPENSER UNITS AND NEW RECESSED PAPER TOWEL DISPOSAL UNITS. M.G.A.T.,TYP.



4
A200
TYPICAL TO DRYWALL PARTITION AND GLASS JUNCTION
SCALE: N.T.S.



3
A200
PARTIAL GROUND FLOOR PLAN-NEW
SCALE: 1:100

FLOOR PLAN LEGEND

	EXISTING WALL OR PARTITION TO REMAIN, TYP.
	NEW STEEL STUD FRAMED WALL OR PARTITION, TYP.
	NEW DOOR , SEE DOOR SCHEDULE, TYP.
	EX. DOOR AND FRAME TO REMAIN, TYP.
	NEW PLUMBING FIXTURES, SEE MECHANICAL,TYP.
◇ ○ FD HD	NEW FLOOR DRAINS / HUB DRAINS. SLOPE FLOOR TOWARDS DRAIN IN ALL ROOMS THAT FLOOR DRAINS APPEAR IN. SEE MECHANICAL.ALL EXISTING FLOOR DRAINS TO BE REPLACED WITH NEW. TYP, SEE MECHANICAL.
	NEW WASHROOM PARTITIONS, TYP. REFER TO SPECIFICATIONS.
	EXTENT OF AREA NOT IN CONTRACT.
M	EX. EXIT
FEC	EXISTING RECESSED FIRE EXTINGUISHER CABINET TO REMAIN.
N.F.E.C.	NEW RECESSED FIRE EXTINGUISHER CABINET. TYP. REFER TO MECHANICAL.
HB	NEW HOSE BIB. SEE MECHANICAL.
	MOTION CENSORED AUTOMATIC DOOR OPERATOR ACTUATOR BUTTON, TYP.
	NEW SHOWER PARTITION, HIGH DENSITY SOLID PLASTIC PARTITIONS (HDPE). REFER TO SPECIFICATIONS.
	NEW ELECTRICAL/AV/IT JUNCTION BOX TO BE RECESSED IN CONCRETE SLAB. TYP, SEE STRUCTURAL, SEE ELECTRICAL,REFER TO A101.EXACT LOCATION TO BE COORDINATED BY GC.
	TYPICAL TO DRYWALL PARTITION AND GLASS JUNCTION TERMINATE DRYWALL PARTITION TO EXISTING VERTICAL WINDOW MULLION SUPPLY AND INSTALL ACOUSTICAL QUIET JOINT BY EMSEAL OR EQUIVALENT BETWEEN DRYWALL PARTITION AND GLASS. SIZE, THICKNESS AND STC RATING TO MATCH PARTITION TYPE.
55" / 75" DISPLAY	DISPLAYS,TVs ARE NOT IN CONTRACT. TO BE SUPPLIED AND INSTALLED BY CLIENT. ROUGH IN IS UNDER GENERAL CONTRACTOR'S SCOPE OF WORK. REFER TO ELECTRICAL DRAWINGS FOR THE SCOPE OF WORK. TYP.
N.I.C	NOT IN CONTRACT
	NEW STRUCTURAL LINTEL. TYP. SEE STRUCTURAL. GC TO PATCH, REPAIR & PAINT FINISH ALL THE DAMAGED SURFACES AFTER LINTEL INSTALLATION. REFER TO THE STRUCTURAL DRAWING FOR EXTENT OF WORK. ALLOW FOR SHORING EXISTING CONCRETE BLOCK WALL ABOVE THE BLOCKS AS REQUIRED FOR INSTALLATION OF THE NEW LINTEL.
	NEW WINDOW BLINDS,TYP. REFER TO SPECIFICATIONS
SD	EXISTING RE-INSTALLED SOAP DISPENSER
SNP	EXIST. REINSTALLED RECESSED SANITARY NAPKIN DISPENSER.GC TO CUT EXISTING CONCRETE BLOCK WALL / DRY WALL TO ACCOMMODATE NEW SNP. M.G.A.T., TYP
MS	NEW METAL SHELF
TPH	EXISTING REINSTALLED TOILET PAPER HOLDER
GB	NEW GRAB BAR
LGB	NEW L-SHAPE GRAB BAR
TM	NEW TILTED MIRROR
MR	NEW MIRROR
RGB	NEW RECESSED GARBAGE BIN. GC TO CUT EXISTING CONCRETE BLOCK WALL / DRY WALL TO ACCOMMODATE NEW GARBAGE BIN. M.G.A.T., TYP.
EX.PTD	EXISTING REINSTALLED PAPER TOWEL DISPENSER
N.PTD	NEW PAPER TOWEL DISPENSER
HD	NEW HAND DRYER
SS	NEW SHOWER SHELF- REFER TO INTERIOR ELEVATIONS
EX.	EXISTING
TYP.	TYPICAL

PARTITION TYPES LEGEND

TAG	GRAPHIC	DESCRIPTION
P1	169	**GYPSUM BOARD PARTITION, STC 55 ,**- SMOKE SEAL AT JUNCTIONS AS REQUIRED,REFER TO A003 **1HOUR FIRE RATED VERSION TO BUILT TO UL U419** 2 x 16 mm SHEETROCK ECOSMART GYPSUM PANEL (TYPE X IF FIRE RATED) 13mm RESILIENT CHANNEL, 25ga. 610mm O.C. 92 mm STEEL STUDS AT 400 mm O.C. 89 mm FIBER GLASS INSULATION IN CAVITY 2 x 16 mm SHEETROCK ECOSMART GYPSUM PANEL (TYPE X IF FIRE RATED)
P2	124	**GYPSUM BOARD PARTITION**- SMOKE SEAL AT JUNCTIONS AS REQUIRED,REFER TO A003 **1HOUR FIRE RATED VERSION TO BUILT TO UL U419** 16mm GYPSUM WALLBOARD(TYPE X IF FIRE RATED) 92 mm STEEL STUDS AT 400 mm O.C.Bracing as req. 89 mm MINERAL WOOL ACOUSTIC INSULATION IN CAVITY 16 mm GYPSUM WALLBOARD (TYPE X IF FIRE RATED)
P3	±140	**CONCRETE BLOCK PARTITION (TO MATCH EXISTING)** 140mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING
P4	±175	**CONCRETE BLOCK PARTITION (TO MATCH EXISTING)** 13 mm GYPSUM BOARD 22 mm FURRING CHANNEL 140 mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING
P5	V.I.F.	**EXISTING PARTITION WITH CEMENT BOARD** EXISTING PARTITION 16mm CEMENT BOARD SCHLUTER WATERPROOFING MEMBRANE (WHERE INDICATED ON PLAN)
P6	206	**CONCRETE BLOCK WALL EXTENDED 150mm ABOVE THE CEILING** ±190 / ±140 mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING 16 mm CEMENT BOARD SCHLUTER WATERPROOFING MEMBRANE (WHERE INDICATED ON PLAN)
P7	V.I.F.	**EXISTING PARTITION WITH GYPSUM BOARD** 13 mm GYPSUM BOARD 22 mm FURRING CHANNEL V.I.F. EXISTING CONCRETE BLOCK PARTITION
P8		**DEMOUNTABLE PRE-MANUFACTURED GLAZED PARTITION SYSTEM - STC49** 61 mm FRAMING WITH CLEAR TEMPERED GLASS WITH CONTINUOUS STRIP 300mm HEIGHT FROSTED DECORATIVE FILM
P9	V.I.F.	**EXISTING PARTITION TO BE EXTENDED TO UNDERSIDE OF THE SLAB - SMOKED SEALED AT JUNCTIONS** EXISTING PARTITION TO BE EXTENDED TO UNDERSIDE OF THE EXISTING STRUCTURAL SLAB, SMOKE SEAL AT JUNCTIONS SUPPLY AND INSTALL REQUIRED STUDS (400mm O.C. bracing as required). SUPPLY AND INSTALL 16mm GYPSUMWALL BOARD ON BOTH SIDES OF STUDS. TAPE ALL DRYWALL JOINTS. SMOKE SEALED AT JUNCTIONS- REFER TO A003 FOR LOCATION OF SMOKE SEALED PARTITION
P10	±210	**CONCRETE BLOCK PARTITION (TO MATCH EXISTING) 1HOUR FIRE RATED VERSION TO BUILT TO UL U419** 13 mm GYPSUM BOARD (TYPE X IF FIRE RATED) 22 mm FURRING CHANNEL 140 mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING 22mm FURRING CHANNEL 13mm GYPSUM BOARD (TYPE X IF FIRE RATED)
P11	124	**GYPSUM BOARD PARTITION**- EXTENDED 1200mm ABOVE FLOOR FINISH,SUPPLY AND INSTALL WOOD WALL CAP,PAINT FINISH. 16mm GYPSUM WALLBOARD 92 mm STEEL STUDS AT 400 mm O.C.Bracing as req. 89 mm MINERAL WOOL ACOUSTIC INSULATION IN CAVITY 16 mm GYPSUM WALLBOARD
P12	80	**EXISTING PARTITION WITH GYPSUM BOARD** V.I.F. EXISTING CONCRETE BLOCK PARTITION 64 mm STEEL STUDS AT 400 mm O.C.Bracing as req. 16 mm GYPSUM WALLBOARD

TYPICAL NOTES

19mm FIRE-RESISTANT PLYWOOD BACKING 8' HIGH TO WALLS IN SECURITY ROOM.SUPPLY & INSTALL TWO 1200mmx2400mm PLYWOOD BACKBOARDS. TYP.
FIRE RATING SUFFIX CODES LISTED BELOW ARE TO BE READ IN CONJUNCTION WITH WALL AND PARTITION TYPES. PROVIDE ALL FIRE-RATED WALLS WITH FIRESTOPPING AND SMOKE SEALS AT ALL JUNCTIONS AND PENETRATIONS, TYPICAL.
A 1 HOUR

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.10.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
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3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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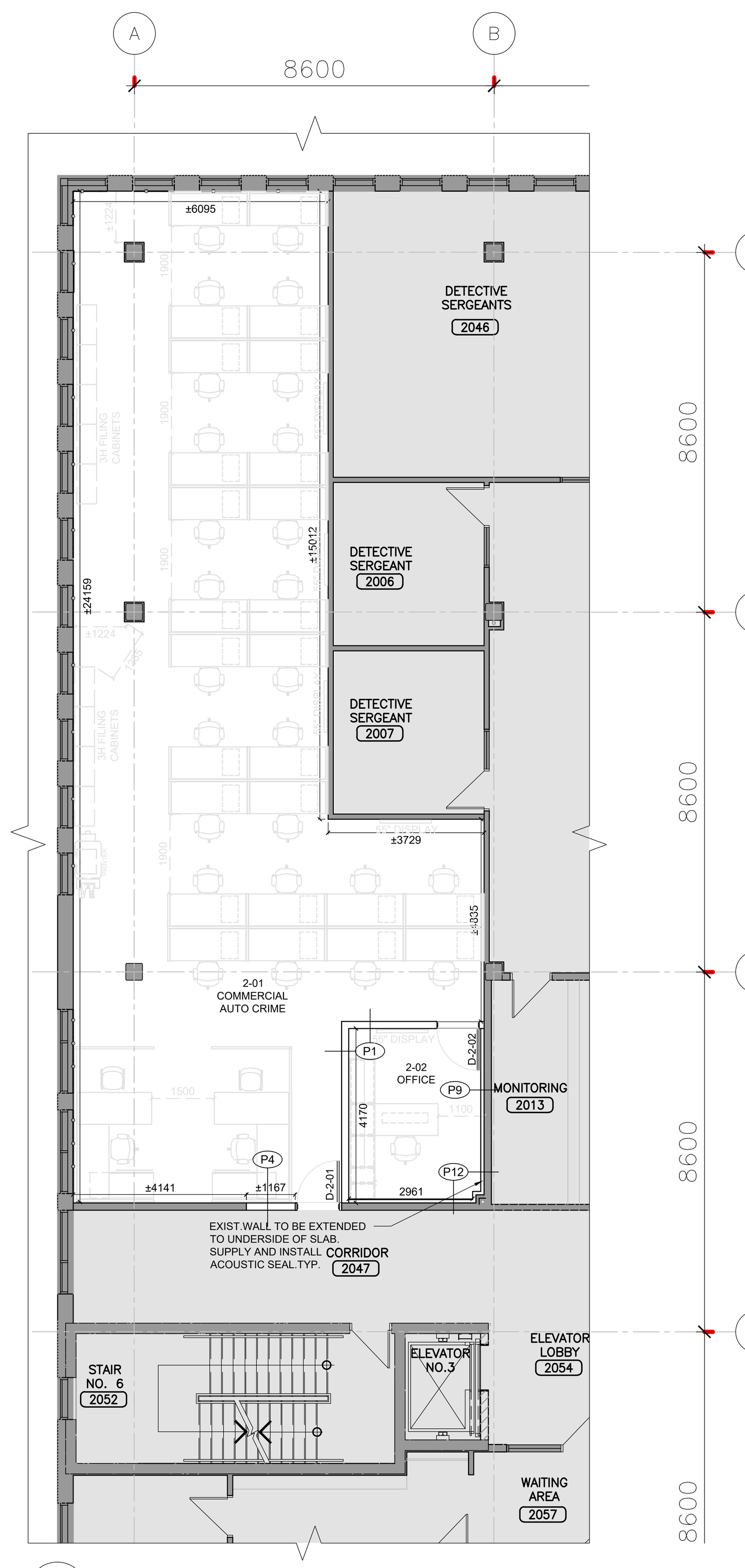
ISSUED FOR CONSTRUCTION DATE

NORTH
PROJECT NORTH

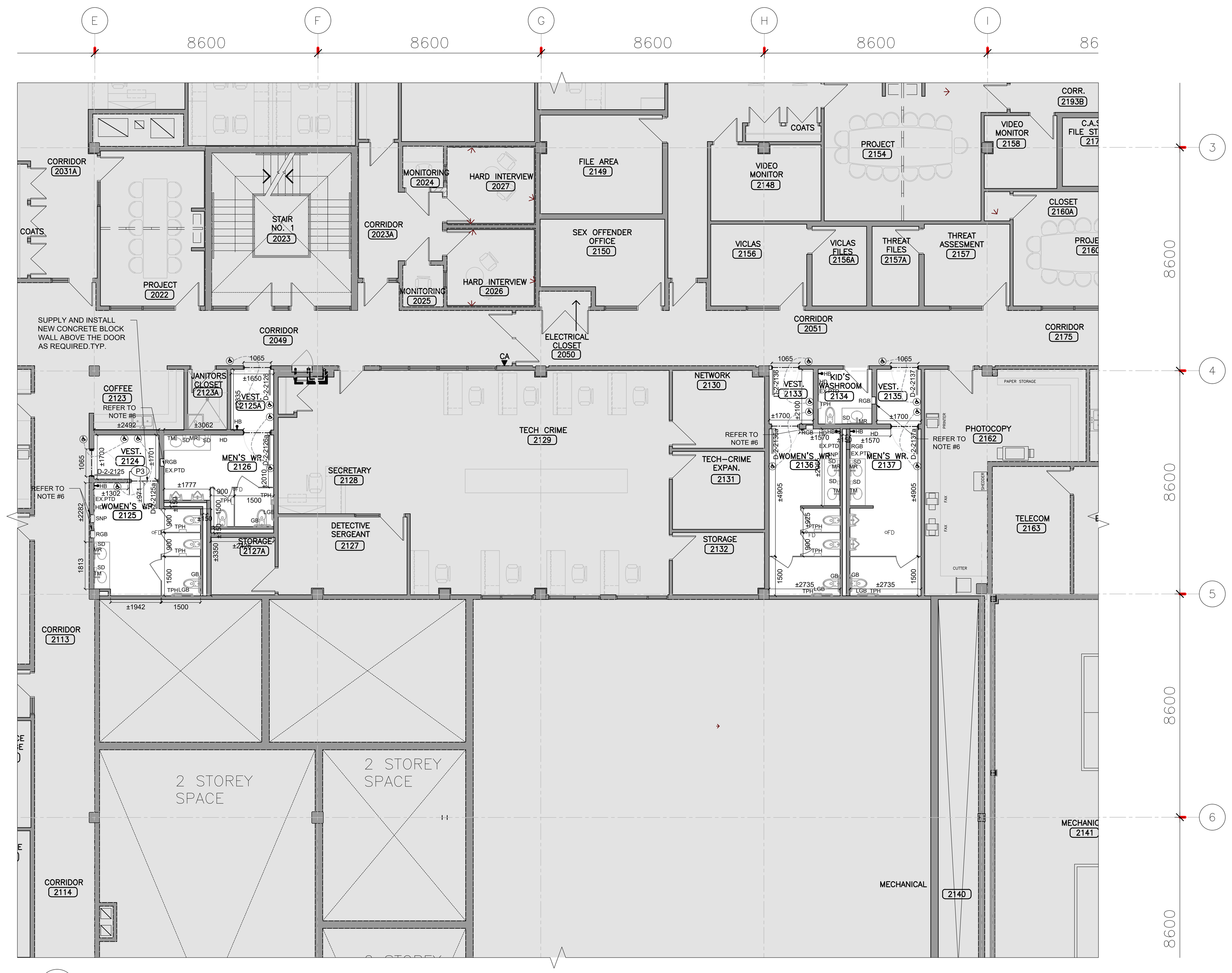
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL BASEMENT & GROUND FLOOR PLAN-NEW

SHEET NO. A200
DRAWN BY SZ
CHECKED RN
PROJECT NO.
SCALE AS NOTED



1 A201 PARTIAL SECOND FLOOR PLAN-NEW
SCALE: 1:100



2 A201 PARTIAL SECOND FLOOR PLAN (WASHROOMS)-NEW
SCALE: 1:100

3 A201 PARTIAL THIRD FLOOR PLAN-DEMO
SCALE: 1:100

TYPICAL NOTES

TYPICAL NOTES FOR PARTITIONS AND WALLS:

1. ALL PARTITIONS EXTEND TO UNDERSIDE OF STRUCTURAL SLAB OR ROOF DECKING UNLESS OTHERWISE NOTED.EXITING SLAB HEIGHT IS ± 4400mm. GC TO VERIFY THE HEIGHT ON SITE.
2. ALL PARTITIONS LISTED WITH AN STC RATING ARE TO BE SOUND SEALED AT ALL JUNCTIONS AND PENETRATIONS, TYPICAL.
3. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED STEEL AND UNISTRUT FRAMING TO SUPPORT WALL OR CEILING HUNG DIGITAL SCREENS, TYPICAL.
4. ALL STC RATED PARTITION ASSEMBLIES TO COMPLY WITH BELOW MENTIONED TESTING STANDARDS: ASTM C423 & ASTM E1414.
5. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED BLOCKING, FRAMING, AND REINFORCEMENT TO SUPPORT WALL HUNG TOILETS, LAVATORIES, GRAB BARS, ETC.
6. ALL EXISTING OPENING ON THE WALL (AFTER REMOVING RECESSED ACCESSORIES) TO BE FILLED WITH WATER RESISTANT DRYWALL ON STUD FRAMING, PAINT FINISH. TYP, . TYPICAL TO ALL WASHROOMS, CHANGE ROOMS AND SHOWERS. TYP.
7. ALL EXISTING PAPER TOWEL DISPENSERS INSTALLED IN WASHROOMS, CHANGE ROOMS, SHOWERS, AND KITCHENETTES TO BE REMOVED AND REINSTALLED.
8. GC TO REMOVE ALL EXISTING WINDOW BLINDS INSTALLED TO EXISTING INTERIOR WINDOWS AND DOOR SIDELIGHTS. M.G.A.T,. TYP, GC TO SUPPLY AND INSTALL NEW DECORATIVE WINDOW FILM TO ALL INTERIOR WINDOW AND SIDELIGHT GLAZING.TYP.
9. PATCH AND REPAIR ALL EXIST.WALLS MAKE THEM READY FOR PAINT FINISH AFTER REMOVING WALL MOUNTED TVs, CLOCKS, ELECTRICAL OUTLETS. TYPICAL TO ALL RENOVATION SCOPE.
10. GC TO REMOVE EXISTING TOILETTE PAPER HOLDERS, SANITARY NAPKIN DISPENSERS, SOAP DISPENSERS,PAPER TOWEL DISPENSERS, STORE THEM, AND REINSTALL. M.G.A.T.,TYP. FINAL LOCATIONS TO BE CONFIRMED BY ARCHITECT AND CLIENT.
11. ALL CORNERS TO INTERIOR MASONRY WALLS TO BE ROUNDED BULLNOSE. TYP.
12. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED UNISTRUT FRAMING, BLOCKING, AND REINFORCEMENT TO SUPPORT WALL HUNG TOILETS, LAVATORIES, GRAB BARS, CEILING HUNG TOILET PARTITIONS, WALL STOPS, ETC. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATIONS WITH SUBCONTRACTORS. SEE ALSO TYPICAL DETAIL ON DRAWING A001.
13. GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED STEEL AND UNISTRUT FRAMING TO SUPPORT WALL OR CEILING HUNG DIGITAL SCREENS,TYPICAL.
14. CUT OUT SCRATCHES, CRACKS AND ABRASIONS IN WALL SURFACES AND ADJOINING TRIMS AS REQUIRED AND FILL WITH AN APPROVED NON-SHRINK PATCHING COMPOUND FLUSH WITH ADJOINING SURFACE. WHEN DRY, SAND THE PATCH SMOOTH AND SEAL BEFORE THE APPLICATION OF THE PRIME COAT.
15. WHERE NEW WORK, INCLUDING ALL ELECTRICAL & MECHANICAL WORK CONNECTS WITH EXISTING & WHERE EXISTING WORK IS ALTERED, ALL NECESSARY CUTTING & FITTING REQUIRED TO MAKE SATISFACTORY CONNECTIONS WITH THE EXISTING WORK SHALL BE PERFORMED UNDER THIS CONTRACT, SO AS TO LEAVE THE ENTIRE WORK IN FINISHED AND WORKMANLIKE CONDITION.
16. GENERAL CONTRACTOR IS RESPONSIBLE TO CO-ORDINATE W/ MECH & ELEC SUB-CONTRACTORS TO CONFIRM QUANTITY& LOCATION FOR THE DEMO OF ALL; INCLUDING BUT NOT LIMITED TO EXISTING DUCTWORK, PIPING, CONDUIT, ETC.

14\. GENERAL CONTRACTOR TO REPAIR, PATCH, FIRESTOP & INFILL EXISTING WALLS & PARTITION OPENINGS FROM THE DEMO OF EXISTING MECH & ELEC SYSTEM (TYP.)(M.G.A.T.)

15\. ANY CONFLICTS, OMISSIONS, DISCREPANCIES AND DISAGREEMENT IN ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO ANY PROCEEDING FOR ITS CLARIFICATIONS AND INSTRUCTIONS.

16\. All STC RATED WALLS TO BE CONTINUED TO THE STRUCTURAL SLAB. IF THERE IS ANY CONFLICT BETWEEN MECHANICAL/ELECTRICAL COMPONENTS AND NEW STC RATED WALL, GC IS RESPONSIBLE TO EITHER RELOCATE THE MECHANICAL/ELECTRICAL COMPONENT OR SUPPLY AND INSTALL THE REQUIRED BULKHEAD AROUND THE COMPONENT TO MAINTAIN THE INTEGRITY OF THE STC RATED WALL.

17\. GC TO SUPPLY AND INSTALL DRYWALL ENCLOSURE AROUND EXIST. DAMAGED/EXPOSED COLUMNS.TYP.

18\. GC TO COORDINATE THE DEMOLITION OF THE EXISTING CONCRETE BLOCK WALL/DRYWALL AS REQUIRED, FOR INSTALLATION OF THE RECESSED EXISTING SANITARY NAPKIN DISPENSER UNITS AND NEW RECESSED PAPER TOWEL DISPOSAL UNITS. M.G.A.T.,TYP.

FLOOR PLAN LEGEND

Graphic	Description
	EXISTING WALL OR PARTITION TO REMAIN, TYP.
	NEW STEEL STUD FRAMED WALL OR PARTITION, TYP.
	NEW DOOR , SEE DOOR SCHEDULE, TYP.
	EX. DOOR AND FRAME TO REMAIN, TYP.
	NEW PLUMBING FIXTURES, SEE MECHANICAL,TYP.
◇ ○ FD HD	NEW FLOOR DRAINS / HUB DRAINS. SLOPE FLOOR TOWARDS DRAIN IN ALL ROOMS THAT FLOOR DRAINS APPEAR IN. SEE MECHANICAL.ALL EXISTING FLOOR DRAINS TO BE REPLACED WITH NEW. TYP, SEE MECHANICAL.
	NEW WASHROOM PARTITIONS, TYP. REFER TO SPECIFICATIONS.
	EXTENT OF AREA NOT IN CONTRACT.
M	EX. EXIT
FEC	EXISTING RECESSED FIRE EXTINGUISHER CABINET TO REMAIN.
N.F.E.C.	NEW RECESSED FIRE EXTINGUISHER CABINET. TYP. REFER TO MECHANICAL.
HB	NEW HOSE BIB. SEE MECHANICAL.
	MOTION CENSORED AUTOMATIC DOOR OPERATOR ACTUATOR BUTTON, TYP.
	NEW SHOWER PARTITION, HIGH DENSITY SOLID PLASTIC PARTITIONS (HDPE). REFER TO SPECIFICATIONS.
	NEW ELECTRICAL/AV/IT JUNCTION BOX TO BE RECESSED IN CONCRETE SLAB. TYP, SEE STRUCTURAL, SEE ELECTRICAL,REFER TO A101.EXACT LOCATION TO BE COORDINATED BY GC.
	TYPICAL TO DRYWALL PARTITION AND GLASS JUNCTION TERMINATE DRYWALL PARTITION TO EXISTING VERTICAL WINDOW MULLION SUPPLY AND INSTALL ACOUSTICAL QUIET JOINT BY EMSEAL OR EQUIVALENT BETWEEN DRYWALL PARTITION AND GLASS. SIZE, THICKNESS AND STC RATING TO MATCH PARTITION TYPE.
55" / 75" DISPLAY	DISPLAYS,TVs ARE NOT IN CONTRACT. TO BE SUPPLIED AND INSTALLED BY CLIENT. ROUGH IN IS UNDER GENERAL CONTRACTOR'S SCOPE OF WORK. REFER TO ELECTRICAL DRAWINGS FOR THE SCOPE OF WORK. TYP.
N.I.C	NOT IN CONTRACT
	NEW STRUCTURAL LINTEL. TYP. SEE STRUCTURAL. GC TO PATCH, REPAIR & PAINT FINISH ALL THE DAMAGED SURFACES AFTER LINTEL INSTALLATION. REFER TO THE STRUCTURAL DRAWING FOR EXTENT OF WORK. ALLOW FOR SHORING EXISTING CONCRETE BLOCK WALL ABOVE THE BLOCKS AS REQUIRED FOR INSTALLATION OF THE NEW LINTEL.
	NEW WINDOW BLINDS,TYP. REFER TO SPECIFICATIONS
SD SNP MS TPH GB LGB TM MR RGB EX.PTD N.PTD HD SS	EXISTING RE-INSTALLED SOAP DISPENSER EXIST. REINSTALLED RECESSED SANITARY NAPKIN DISPENSER.GC TO CUT EXISTING CONCRETE BLOCK WALL / DRY WALL TO ACCOMMODATE NEW SNP. M.G.A.T., TYP NEW METAL SHELF EXISTING REINSTALLED TOILET PAPER HOLDER NEW GRAB BAR NEW L-SHAPE GRAB BAR NEW TILTED MIRROR NEW MIRROR NEW RECESSED GARBAGE BIN. GC TO CUT EXISTING CONCRETE BLOCK WALL / DRY WALL TO ACCOMMODATE NEW GARBAGE BIN. M.G.A.T., TYP. EXISTING REINSTALLED PAPER TOWEL DISPENSER NEW PAPER TOWEL DISPENSER NEW HAND DRYER NEW SHOWER SHELF- REFER TO INTERIOR ELEVATIONS
EX.	EXISTING
TYP.	TYPICAL

PARTITION TYPES LEGEND

TAG	GRAPHIC	DESCRIPTION
P1	169	**GYPSUM BOARD PARTITION, STC 55 ,**- SMOKE SEAL AT JUNCTIONS AS REQUIRED,REFER TO A003 **1HOUR FIRE RATED VERSION TO BUILT TO UL U419** 2 x 16 mm SHEETROCK ECOSMART GYPSUM PANEL (TYPE X IF FIRE RATED) 13mm RESILIENT CHANNEL, 25ga. 610mm O.C. 92 mm STEEL STUDS AT 400 mm O.C. 89 mm FIBER GLASS INSULATION IN CAVITY 2 x 16 mm SHEETROCK ECOSMART GYPSUM PANEL (TYPE X IF FIRE RATED)
P2	124	**GYPSUM BOARD PARTITION**- SMOKE SEAL AT JUNCTIONS AS REQUIRED,REFER TO A003 **1HOUR FIRE RATED VERSION TO BUILT TO UL U419** 16mm GYPSUM WALLBOARD(TYPE X IF FIRE RATED) 92 mm STEEL STUDS AT 400 mm O.C.Bracing as req. 89 mm MINERAL WOOL ACOUSTIC INSULATION IN CAVITY 16 mm GYPSUM WALLBOARD (TYPE X IF FIRE RATED)
P3	±140	**CONCRETE BLOCK PARTITION (TO MATCH EXISTING)** 140mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING
P4	±175	**CONCRETE BLOCK PARTITION (TO MATCH EXISTING)** 13 mm GYPSUM BOARD 22 mm FURRING CHANNEL 140 mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING
P5	V.I.F.	**EXISTING PARTITION WITH CEMENT BOARD** EXISTING PARTITION 16mm CEMENT BOARD ------- SCHLUTER WATERPROOFING MEMBRANE (WHERE INDICATED ON PLAN)
P6	206	**CONCRETE BLOCK WALL EXTENDED 150mm ABOVE THE CEILING** ±190 / ±140 mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING 16 mm CEMENT BOARD ------- SCHLUTER WATERPROOFING MEMBRANE (WHERE INDICATED ON PLAN)
P7	V.I.F.	**EXISTING PARTITION WITH GYPSUM BOARD** 13 mm GYPSUM BOARD 22 mm FURRING CHANNEL V.I.F. EXISTING CONCRETE BLOCK PARTITION
P8		**DEMOUNTABLE PRE-MANUFACTURED GLAZED PARTITION SYSTEM - STC49** 61 mm FRAMING WITH CLEAR TEMPERED GLASS WITH CONTINUOUS STRIP 300mm HEIGHT FROSTED DECORATIVE FILM
P9	V.I.F.	**EXISTING PARTITION TO BE EXTENDED TO UNDERSIDE OF THE SLAB - SMOKED SEALED AT JUNCTIONS** EXISTING PARTITION TO BE EXTENDED TO UNDERSIDE OF THE EXISTING STRUCTURAL SLAB, SMOKE SEAL AT JUNCTIONS SUPPLY AND INSTALL REQUIRED STUDS (400mm O.C. bracing as required). SUPPLY AND INSTALL 16mm GYPSUMWALL BOARD ON BOTH SIDES OF STUDS. TAPE ALL DRYWALL JOINTS. SMOKE SEALED AT JUNCTIONS- REFER TO A003 FOR LOCATION OF SMOKE SEALED PARTITION
P10	±210	**CONCRETE BLOCK PARTITION (TO MATCH EXISTING) 1HOUR FIRE RATED VERSION TO BUILT TO UL U419** 13 mm GYPSUM BOARD (TYPE X IF FIRE RATED) 22 mm FURRING CHANNEL 140 mm CONCRETE BLOCK PARTITION. DIMENSIONS & PATTERN TO MATCH EXISTING 22mm FURRING CHANNEL 13mm GYPSUM BOARD (TYPE X IF FIRE RATED)
P11	124	**GYPSUM BOARD PARTITION**- EXTENDED 1200mm ABOVE FLOOR FINISH,SUPPLY AND INSTALL WOOD WALL CAP,PAINT FINISH. 16mm GYPSUM WALLBOARD 92 mm STEEL STUDS AT 400 mm O.C.Bracing as req. 89 mm MINERAL WOOL ACOUSTIC INSULATION IN CAVITY 16 mm GYPSUM WALLBOARD
P12	80	**EXISTING PARTITION WITH GYPSUM BOARD** V.I.F. EXISTING CONCRETE BLOCK PARTITION 64 mm STEEL STUDS AT 400 mm O.C.Bracing as req. 16 mm GYPSUM WALLBOARD

TYPICAL NOTES

19mm FIRE-RESISTANT PLYWOOD BACKING 8' HIGH TO WALLS IN SECURITY ROOM.SUPPLY & INSTALL TWO 1200mmx2400mm PLYWOOD BACKBOARDS. TYP.
FIRE RATING SUFFIX CODES LISTED BELOW ARE TO BE READ IN CONJUNCTION WITH WALL AND PARTITION TYPES. PROVIDE ALL FIRE-RATED WALLS WITH FIRESTOPPING AND SMOKE SEALS AT ALL JUNCTIONS AND PENETRATIONS, TYPICAL.
A 1 HOUR

REVISIONS

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.08
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

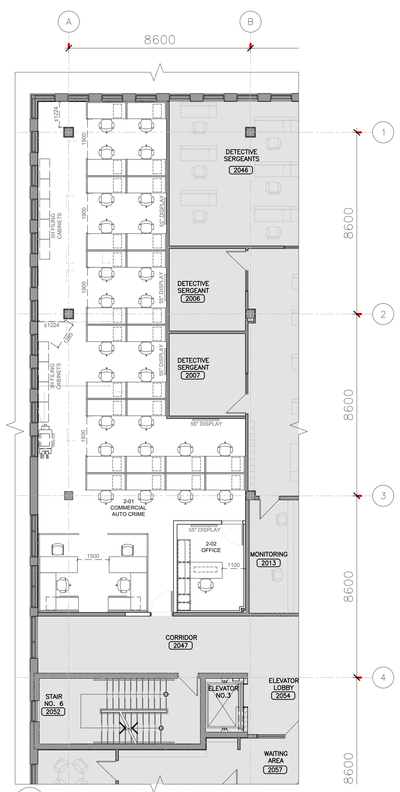
NORTH — PROJECT NORTH

STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE: PARTIAL SECOND & THIRD FLOOR PLAN-NEW

SHEET NO.: A201
DRAWN BY: SZ
CHECKED: RN
PROJECT NO.:
SCALE: AS NOTED

1 A202 PARTIAL GROUND FLOOR PLAN-FURNITURE NEW
SCALE: 1:100

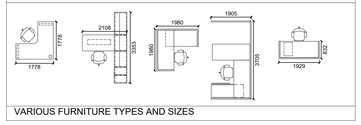


2 A202 PARTIAL SECOND FLOOR PLAN-FURNITURE NEW
SCALE: 1:100

3 A202 PARTIAL THIRD FLOOR PLAN-FURNITURE NEW
SCALE: 1:100

FURNITURE PLAN LEGEND

	EXISTING WALL OR PARTITION TO REMAIN, TYP.
	NEW STEEL STUD FRAMED WALL OR PARTITION, TYP.
	NEW DOOR , SEE DOOR SCHEDULE, TYP.
	EX. DOOR AND FRAME TO REMAIN, TYP.
	EXTENT OF AREA NOT IN CONTRACT.
FEC	FIRE HOSE CABINET.
	NEW FURNITYRE. TYP.
N.I.C	NOT IN CONTRACT
EX.	EXISTING
TYP.	TYPICAL



VARIOUS FURNITURE TYPES AND SIZES

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1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

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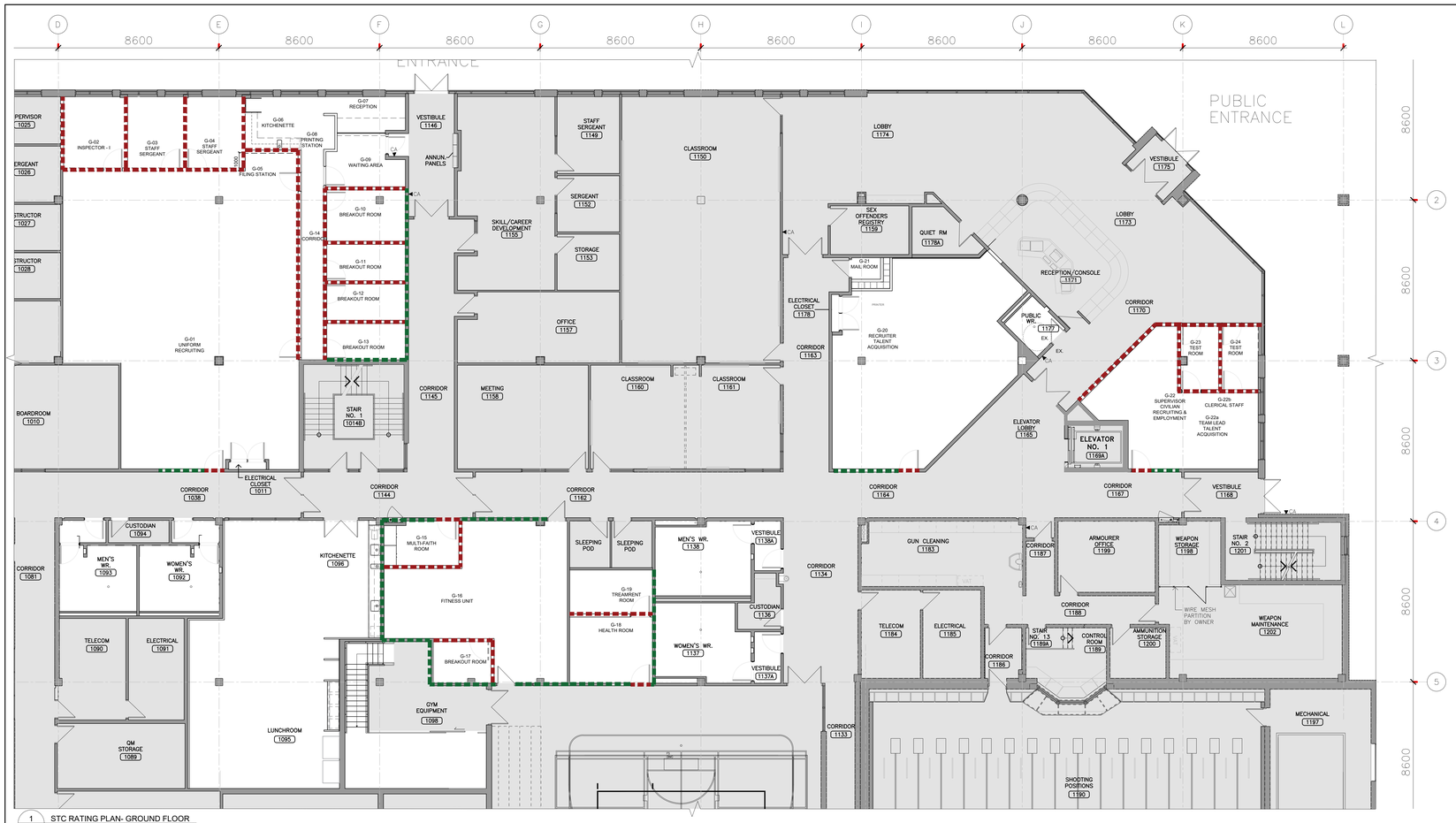
ISSUED FOR CONSTRUCTION DATE

NORTH

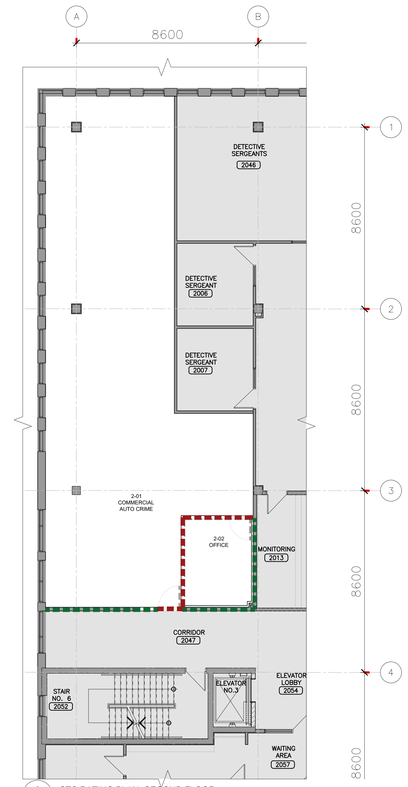
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
FURNITURE PLANS - NEW

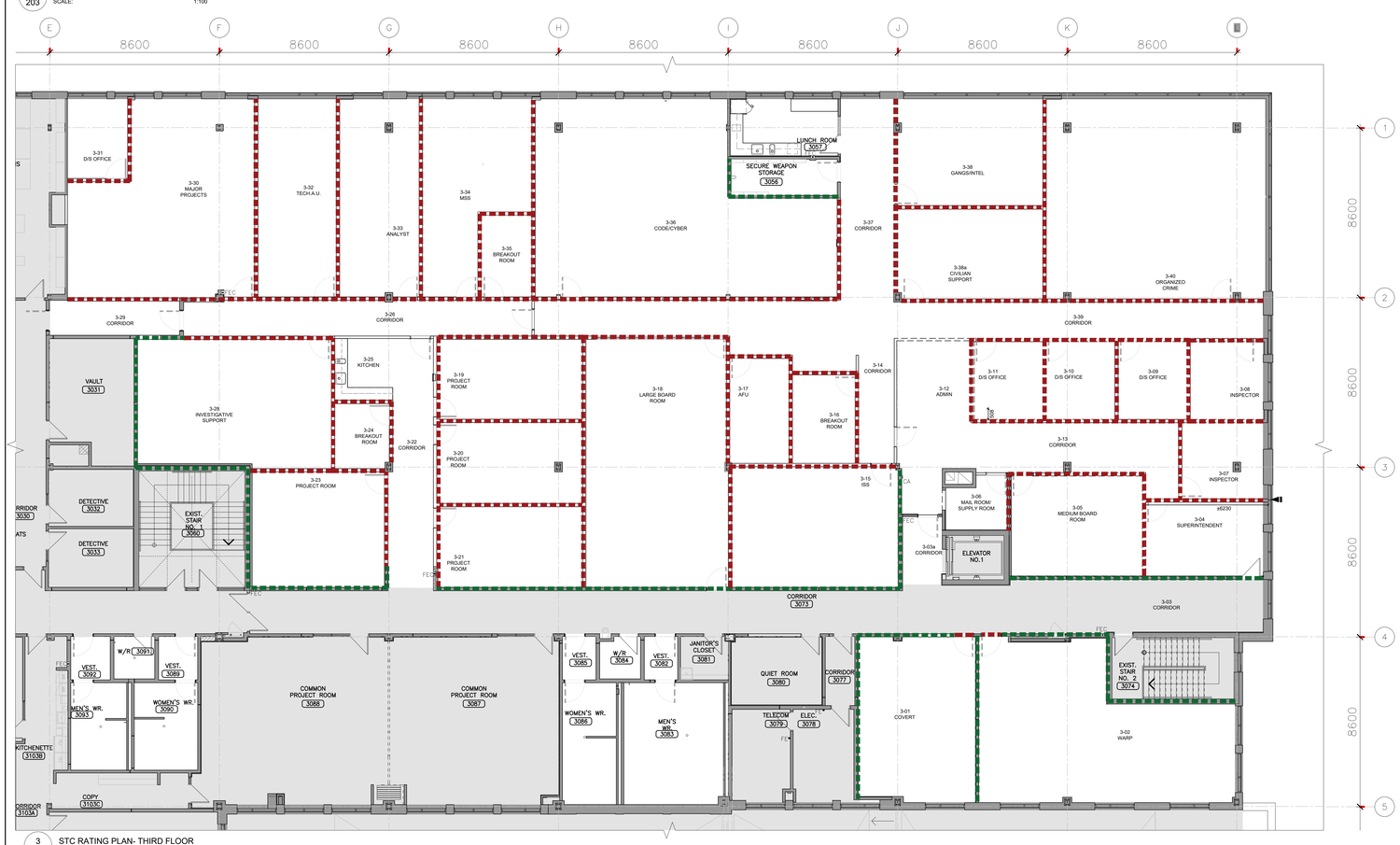
SHEET NO. A202
DRAWN BY SZ
CHECKED RN
PROJECT NO.
SCALE AS NOTED



1 203 STC RATING PLAN- GROUND FLOOR
SCALE: 1:100



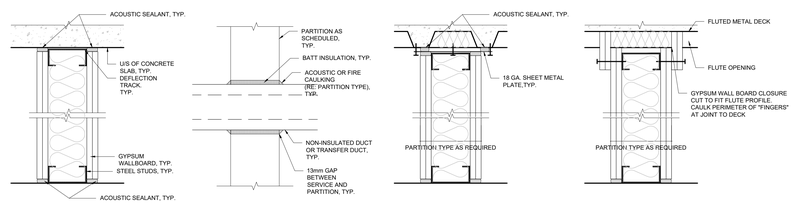
2 A203 STC RATING PLAN- SECOND FLOOR
SCALE: 1:100



3 A203 STC RATING PLAN- THIRD FLOOR
SCALE: 1:100

STC RATING LEGEND

	WALL PARTITIONS: 55 STC RATING DOORS: 55 STC RATING
	EXISTING CONCRETE BLOCK WALL

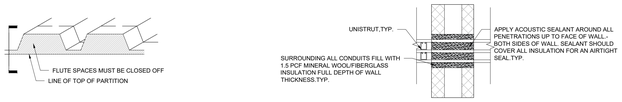


TYPICAL TOP & BOTTOM ACOUSTICAL PARTITIONS DETAIL

TYPICAL MECHANICAL DUCT PENETRATION ACOUSTICAL DETAIL

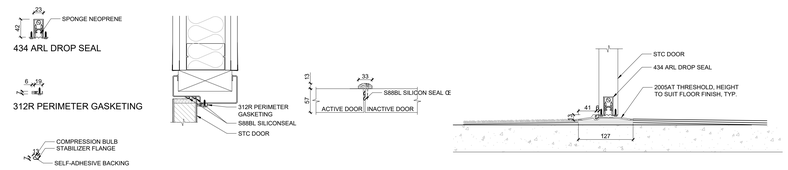
WHERE PARTITION RUNS PARALLEL TO THE FLUTE

WHERE PARTITION RUNS ACROSS TO THE FLUTE



TYPICAL ELECTRICAL CABLE TRAY PENETRATION ACOUSTICAL DETAIL

4 203 TYPICAL ACOUSTICAL PARTITIONS DETAILS
SCALE: N.T.S



*ACCOUSTIC SEAL TO BE SUPPLIED AND INSTALLED BY DOOR CONTRACTOR

5 203 TYPICAL DOOR ACOUSTIC SEAL DETAILS (STC55)
SCALE: N.T.S

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
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9.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
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3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

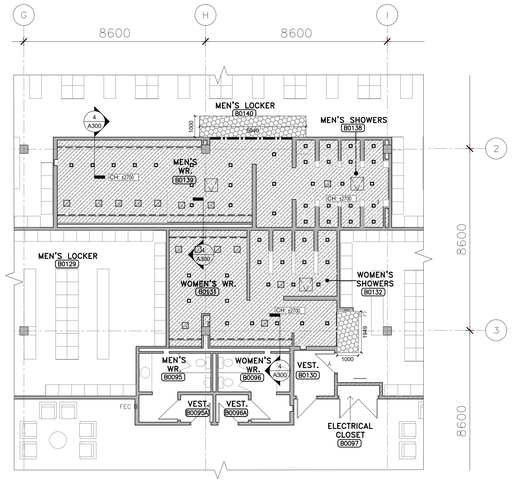
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
STC RATING PLAN-GROUND FLOOR- TYPICAL ACOUSTICAL DETAILS

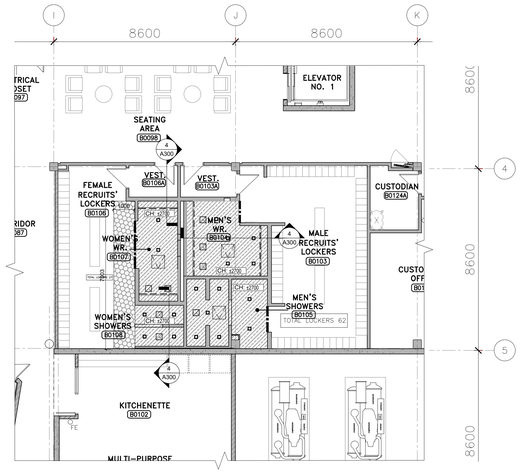
SHEET NO.	DRAWN BY	CHECKED
A203	MM	RN.

PROJECT NO.

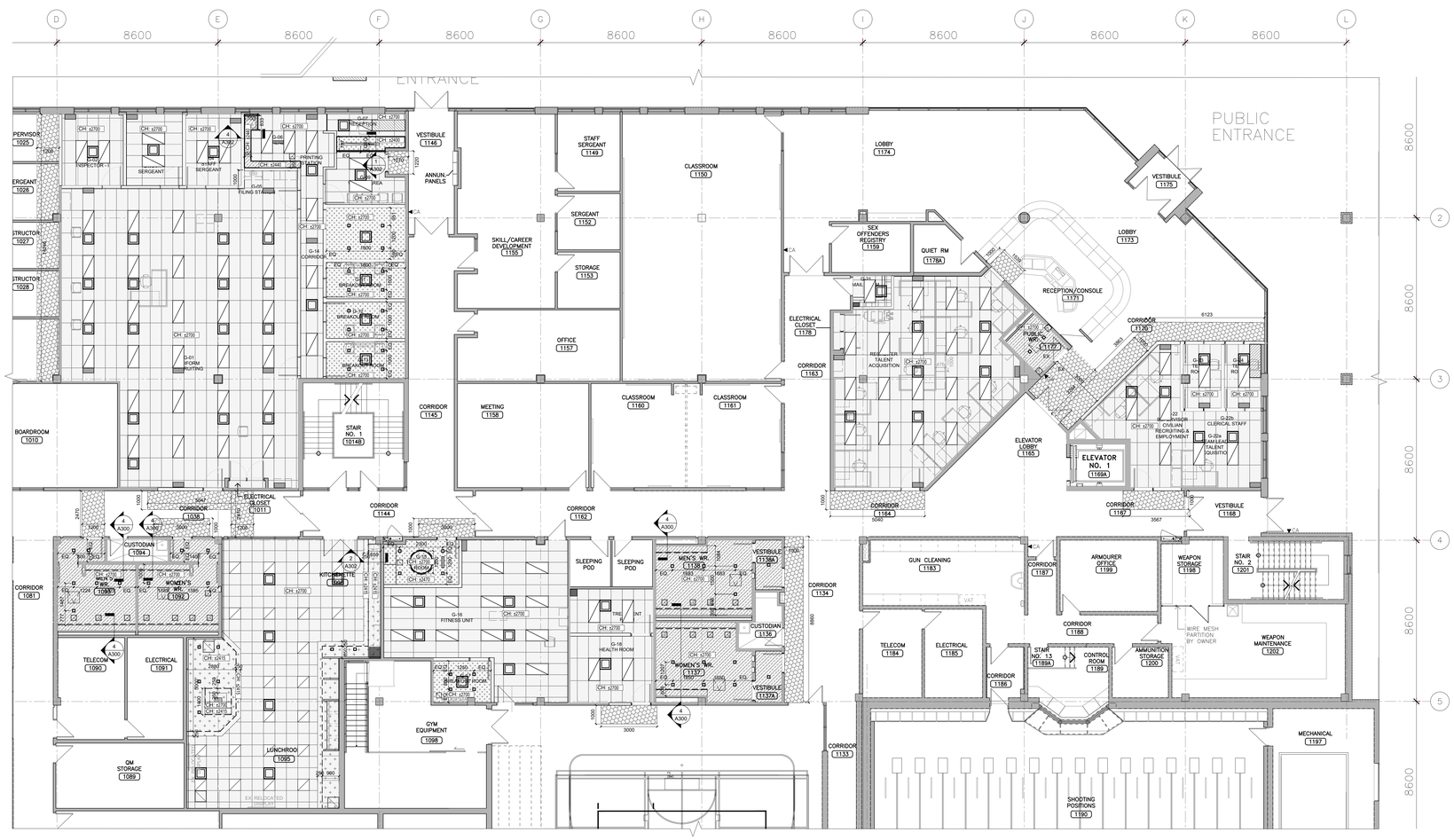
SCALE
AS NOTED



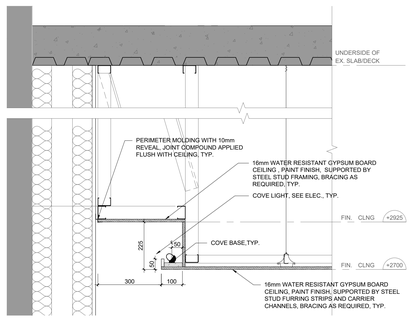
1 A300 REFLECTED CEILING PLAN- NEW- BASEMENT FLOOR (B0131,B0132,B0138,B0139)
SCALE: 1:100



2 A300 REFLECTED CEILING PLAN- NEW- BASEMENT FLOOR (B0104,B0105,B0106,B0107)
SCALE: 1:100



3 A300 REFLECTED CEILING PLAN- NEW- GROUND FLOOR
SCALE: 1:100



4 A300 TYPICAL WASHROOM MODULE COVE LIGHT DETAIL
SCALE: 1:10

REFLECTED CEILING PLAN NEW LEGEND

	NEW SUSPENDED ACOUSTIC TILE CEILING, 600mm x 1200mm TYPICAL PANELS
	NEW GYPSUM BOARD CEILING, TYP. HANGER SPACING 1200mm O.C. MAX WIRE TIDED OR CLIPPED TO 38mm METAL CARRYING CHANNELS @ 1200mm O.C. MAX USING METAL FURRING CHANNEL CLIPS TO ATTACH TO METAL FURRING CHANNELS SPACED AT 600mm O.C. MAX.
	NEW WATER-RESISTANT GYPSUM BOARD CEILING, TYP. HANGER SPACING 1200mm O.C. MAX WIRE TIDED OR CLIPPED TO 38mm METAL CARRYING CHANNELS @ 1200mm O.C. MAX USING METAL FURRING CHANNEL CLIPS TO ATTACH TO METAL FURRING CHANNELS SPACED AT 600mm O.C. MAX.
	- REMOVE, REPLACE, CUT AND PATCH EX. DRYWALL CEILING & CEILING TILE TO ACCOMMODATE THE NEW MECHANICAL WORK IN THE CEILING SPACE, SEE MECHANICAL, TYP. - ANY DAMAGED TILES DURING THE PROCESS ARE TO BE REPLACED WITH NEW TILES. CEILING GRID IS TO REMAIN. - REPLACE ANY DAMAGED CEILING SYSTEM COMPONENTS INCLUDE BUT NOT LIMITED TO HANGERS, EXPOSED MAIN TEE, EXPOSED CROSS TEE, WALL MOLDING LAY IN PANELS AND HOLD DOWN CLIPS WHERE REQUIRED. M.G.A.T., TYP. - PATCH, REPAIR, AND PAINT FINISH ALL AFFECTED GYPSUMBOARD CEILING TO MATCH EXISTING. M.G.A.T., TYP. - REMOVE AND REINSTALL ALL EXISTING MECHANICAL AND ELECTRICAL FIXTURES, DEVICES, COMPONENTS INCLUDE BUT NOT LIMITED TO LIGHTING FIXTURES, EXHAUST/SUPPLY GRILLE, OCCUPANCY SENSOR, ETC IF REQUIRED. ALL DAMAGED EXISTING ELECTRICAL AND MECHANICAL COMPONENTS TO BE REPLACED WITH NEW TO MATCH EXISTING. M.G.A.T., TYP. GENERAL CONTRACTOR TO VERIFY QUANTITIES, TYPE AND EXACT LOCATION OF ALL ELECTRICAL & MECHANICAL COMPONENTS ON SITE.
	NEW DRYWALL BULKHEAD, REFER TO MECHANICAL DRAWING FOR DIFFUSER, SEE MECH., TYP.
CH: XXXX	HEIGHT TO UNDERSIDE OF CEILING FROM FINISH FLOOR
	EX. WALL OR PARTITION TO REMAIN, TYP.
	NEW WALL OR PARTITION , TYP.
LIGHTING	
	NEW ARCHITECTURAL RECESSED 600mm x 1200mm LED LUMINAIRE, SEE ELECTRICAL,TYP.
	NEW ARCHITECTURAL RECESSED 600mm x 600mm LED LUMINAIRE, SEE ELECTRICAL,TYP.
	NEW LINEAR RECESSED LED LUMINAIRE, SEE ELEC., TYP.
	NEW RECESSED SQUARE LED DOWNLIGHT,SEE ELECTRICAL,TYP.
	NEW LINEAR COVE LED LUMINAIRE, SEE ELECTRICAL,TYP.
HVAC	
	NEW LINEAR SUPPLY AIR DIFFUSER, SEE MECHANICAL, TYP.
	NEW RECTANGULAR SUPPLY AIR DIFFUSER, SEE MECHANICA, TYP.
	NEW RETURN / EXHAUST/ INTAKE AIR GRILLE, SEE MECHANICA, TYP.
	NEW RADIANT PANEL, SEE MECHANICAL, TYP.
	NEW DRYWALL CONCEALED TYPE ACCESS PANEL, TYP.
TYPICAL	
EX.	EXISTING
M.G.A.T	MAKE GOOD ON ALL TRADES AT JUNCTION
TYP.	TYPICAL

REFLECTED CEILING PLAN NEW NOTES

1. ALL DIMENSIONS TO BE SITE MEASURED AND VERIFIED.

2. THIS DRAWING IS FOR THE LOCATION/ DIMS OF A PORTION OF FIXTURES, OUTLETS, GRILLES, DIFFUSERS, AND OTHER EQUIPMENT. IT IS NOT INTENDED TO INDICATE THE COMPLETE SCOPE OF MECHANICAL AND ELECTRICAL WORK. REPORT ANY DISCREPANCIES BETWEEN THIS DRAWING AND THE ENGINEERS DRAWINGS TO THE DESIGNER IMMEDIATELY.

3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL REFLECTED CEILING PLAN DEMOLITION + ROOM FINISH SCHEDULE DRAWINGS. REPORT ANY DISAGREEMENTS OR CONFLICTS BETWEEN CONSULTANT'S DRAWINGS TO THE ARCHITECT.

4. IN ALL AREAS OF WORK, SMOKE AND FIRE SEAL ALL CONNECTIONS AND WALL PENETRATIONS.

5. REPAIR, PATCH, AND MAKE GOOD AT JUNCTIONS ALL RELATED EXISTING AREAS TO ACCOMMODATE NEW MECHANICAL AND ELECTRICAL MODIFICATIONS AND NEW CONNECTIONS.

6. RECESSED LIGHT FIXTURES TO BE INSTALLED SO THAT NO LIGHT LEAKS ARE VISIBLE.

7. ALL HVAC DUCTS, T-BAR & GYPSUM BOARD CEILINGS TO BE SUSPENDED FROM BASE BUILDING STRUCTURE. SUSPENSION FROM METAL DECK WILL NOT BE ACCEPTED.

8. RESEAL ALL PENETRATIONS TO LANDLORD BASE BUILDING CAUSED BY HANGING OF EQUIPMENT, CEILING, LIGHT, ETC.

9. CONSULTANT TO APPROVE LOCATIONS OF ALL SPECIALTY LIGHTING RECESSED IN CEILINGS PRIOR TO INSTALLATION.

10. ALL MECHANICAL AND ELECTRICAL DEVICES ON ACOUSTIC CEILING TILES TO BE CENTERED ON EACH TILE, TYP.

11. ENSURE FIRE ALARM AND SMOKE DETECTORS TO BE BYPASSED, COVERED AND PROTECTED PRIOR TO SANDING GWB CEILINGS.

12. PROVIDE NECESSARY BLOCKING AND REINFORCING WITHIN CEILING WHERE LOADING IS ANTICIPATED.

13. CONFIRM LOCATION OF ACCESS PANELS WITH THE CONSULTANT BEFORE INSTALLATION. MINOR ADJUSTMENTS TO LOCATION WITHIN WALL SYSTEM MAY BE REQUIRED WHERE PANEL INTERFERES WITH ARCHITECTURAL APPEARANCE.

14. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTOR FOR ALL CUTTING & PATCHING.

15. EXPOSED SURFACES OF PAINTABLE CEILING FIXTURES, INCLUDING ACCESS PANELS, GRILLES, AND DIFFUSERS ARE TO BE PAINTED TO MATCH ADJACENT CEILING. DO NOT PAINT EXPOSED DATA OR VOICE CABLING, OR HVAC CONTROLS.

16. LOCATE AIR DIFFUSERS AND RETURN AIR GRILLS TO SUIT NEW LAYOUT. MECHANICAL FIXTURES LOCATED AS INDICATED ON ARCHITECTURAL DRAWINGS AND COORDINATED WITH MECHANICAL ENGINEERING DRAWINGS.

17. SPRINKLER HEADS IN GWB TO BE CONCEALED WITH FLUSH MOUNTED CAP, COLOUR: WHITE.

18. LOCATE LIGHT FIXTURES IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS. OTHER ELECTRICAL ITEMS ARE SHOWN FOR COORDINATION.

19. GENERAL CONTRACTOR TO CONFIRM WITH ARCHITECT THE NUMBER AND LOCATION OF ALL MECHANICAL, ELECTRICAL AND AV DEVICES.

NO.	DESCRIPTION	DATE
13	ISSUED FOR TENDER	2026.05.01
12	ISSUED FOR BUILDING PERMIT	2026.04.08
11	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
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7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued officially by the contracting authority and bearing the seal & affixed to the drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

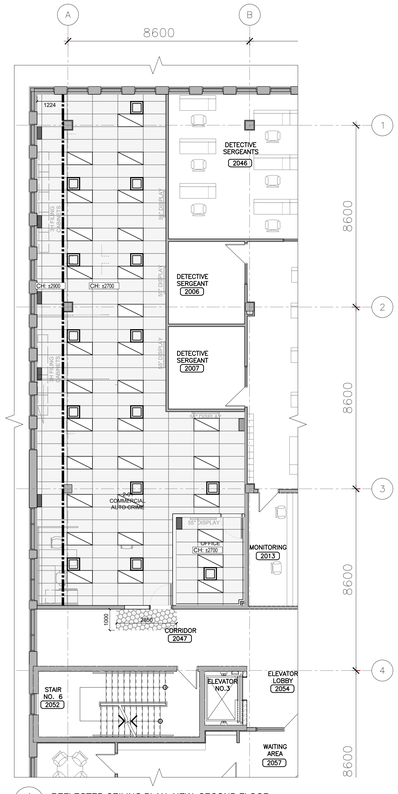
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
REFLECTED CEILING PLAN
NEW- BASEMENT &
GROUND FLOOR

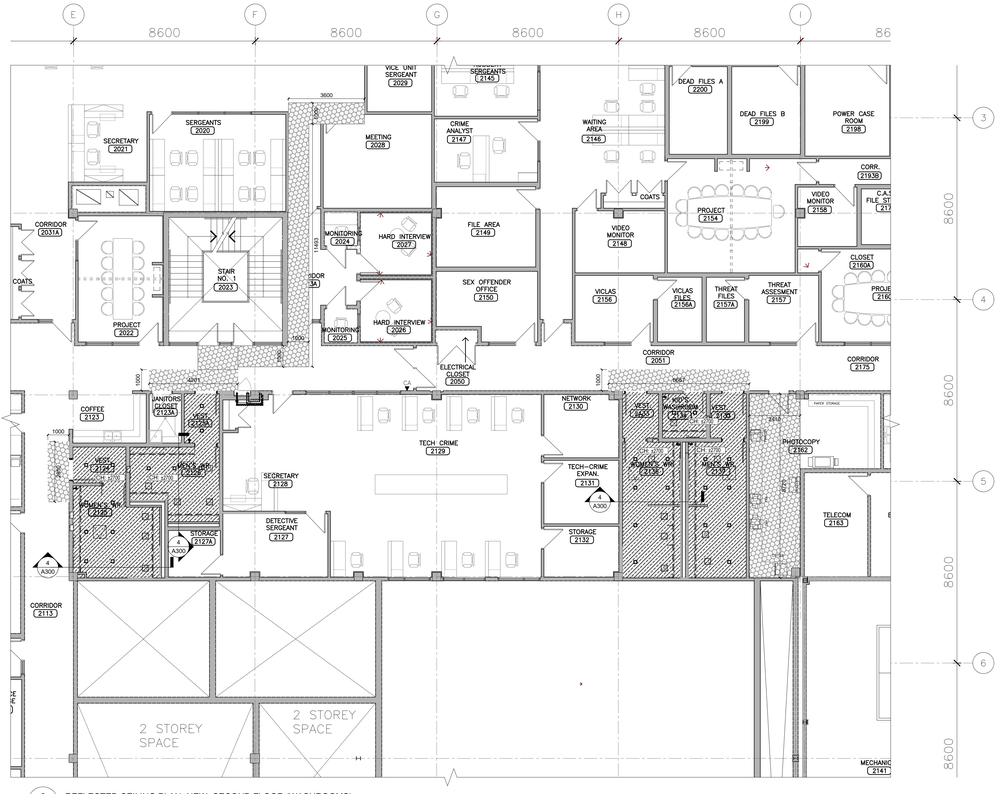
SHEET NO.	DRAWN BY	CHECKED
A300	MM	RN

PROJECT NO.

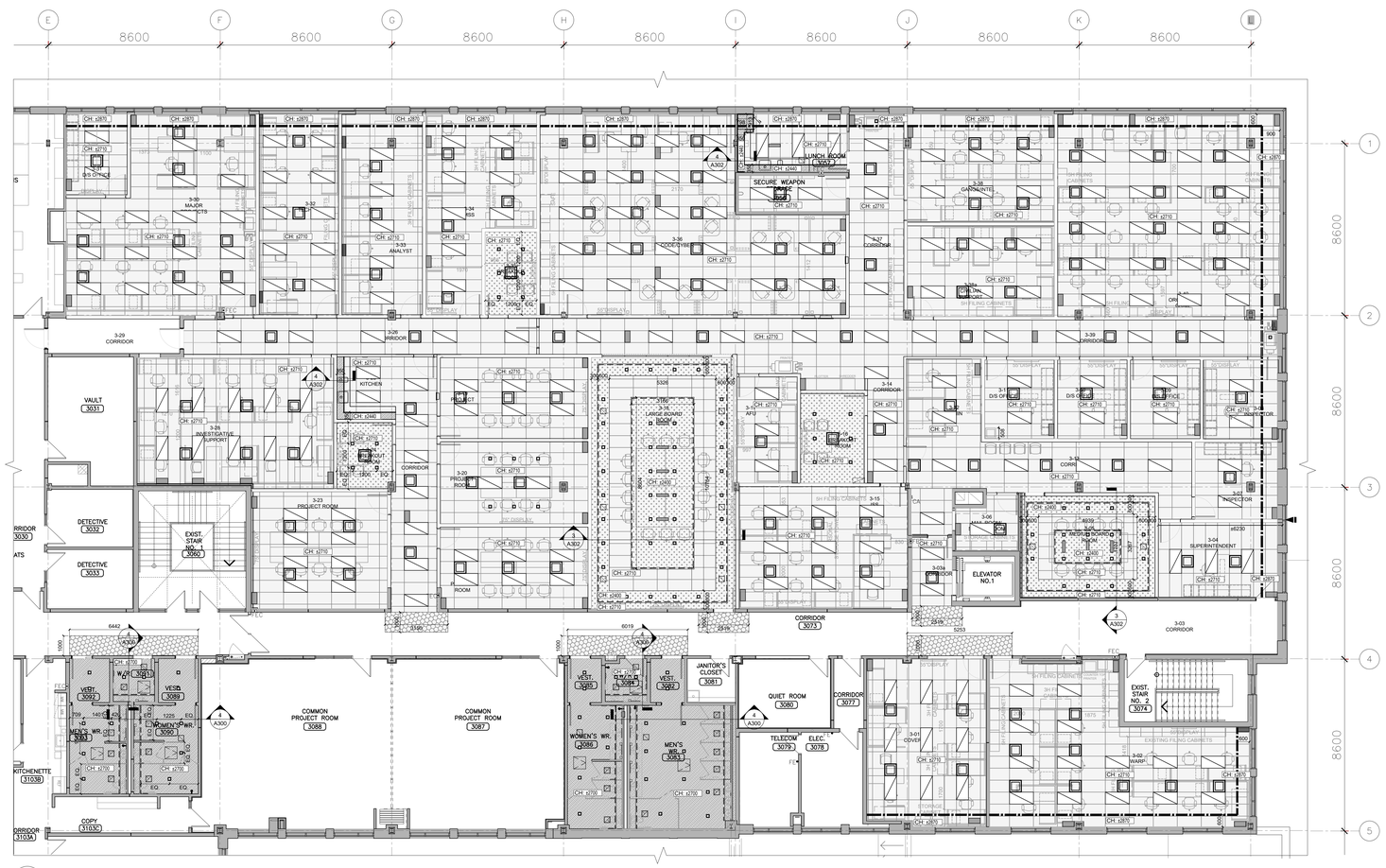
SCALE
AS NOTED



1 A301 REFLECTED CEILING PLAN- NEW- SECOND FLOOR
SCALE: 1:100



2 A301 REFLECTED CEILING PLAN- NEW- SECOND FLOOR (WASHROOMS)
SCALE: 1:100



3 A301 REFLECTED CEILING PLAN- NEW- THIRD FLOOR
SCALE: 1:100

REFLECTED CEILING PLAN NEW LEGEND

	NEW SUSPENDED ACOUSTIC TILE CEILING, 600mm x 1200mm TYPICAL PANELS
	NEW GYPSUM BOARD CEILING, TYP. HANGER SPACING 1200mm O.C. MAX WIRE TIDED OR CLIPPED TO 38mm METAL CARRYING CHANNELS @ 1200mm O.C. MAX USING METAL FURRING CHANNEL CLIPS TO ATTACH TO METAL FURRING CHANNELS SPACED AT 600mm O.C. MAX.
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CH: XXXX	HEIGHT TO UNDERSIDE OF CEILING FROM FINISH FLOOR
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	NEW LINEAR COVE LED LUMINAIRE, SEE ELECTRICAL,TYP.
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	NEW LINEAR SUPPLY AIR DIFFUSER, SEE MECHANICAL, TYP.
	NEW RECTANGULAR SUPPLY AIR DIFFUSER, SEE MECHANICA, TYP.
	NEW RETURN / EXHAUST/ INTAKE AIR GRILLE, SEE MECHANICA, TYP.
	NEW RADIANT PANEL, SEE MECHANICAL, TYP.
	NEW DRYWALL CONCEALED TYPE ACCESS PANEL, TYP.
TYPICAL	
EX.	EXISTING
M.G.A.T	MAKE GOOD ON ALL TRADES AT JUNCTION
TYP.	TYPICAL

REFLECTED CEILING PLAN NEW NOTES

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4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

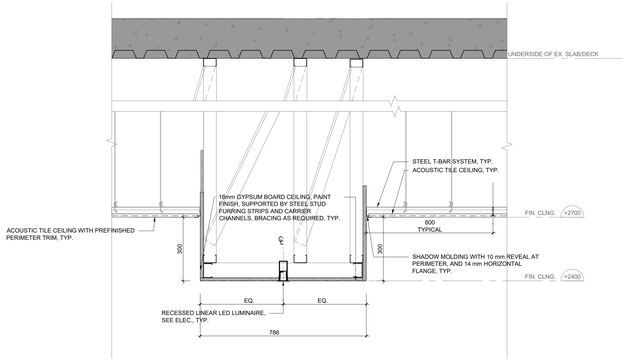
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE:
REFLECTED CEILING PLAN NEW- SECOND & THIRD FLOOR

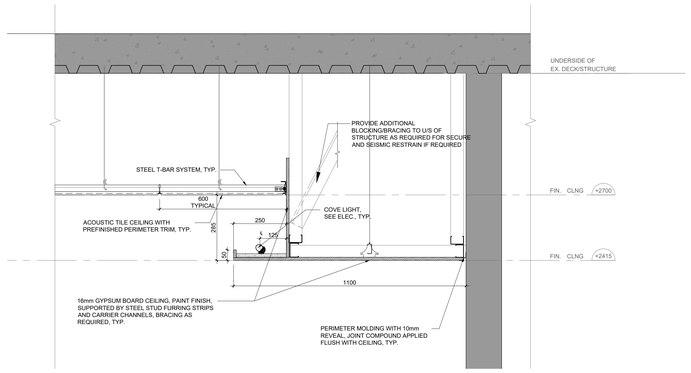
SHEET NO:	DRAWN BY	CHECKED
A301	MM	RN

PROJECT NO.

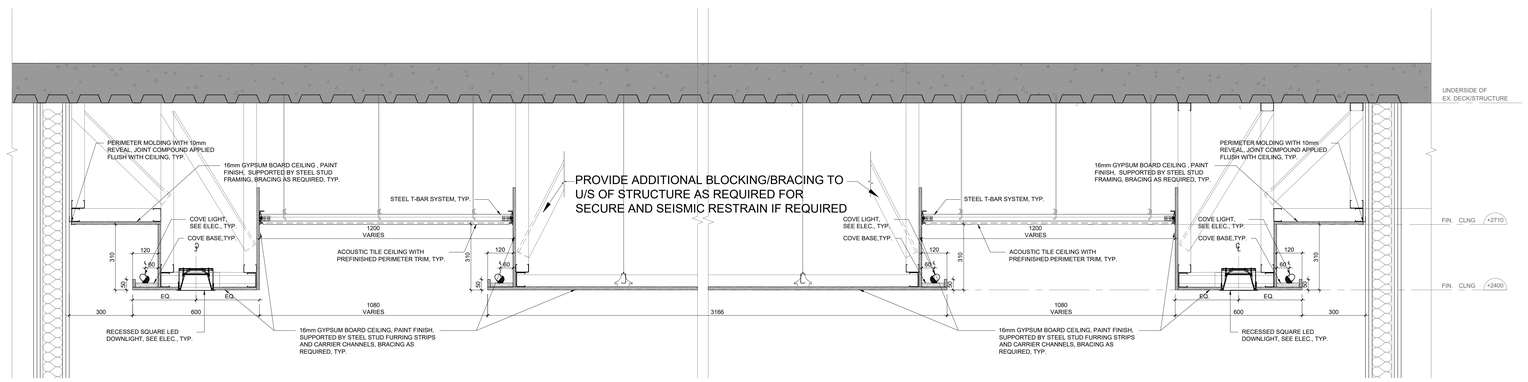
SCALE: AS NOTED



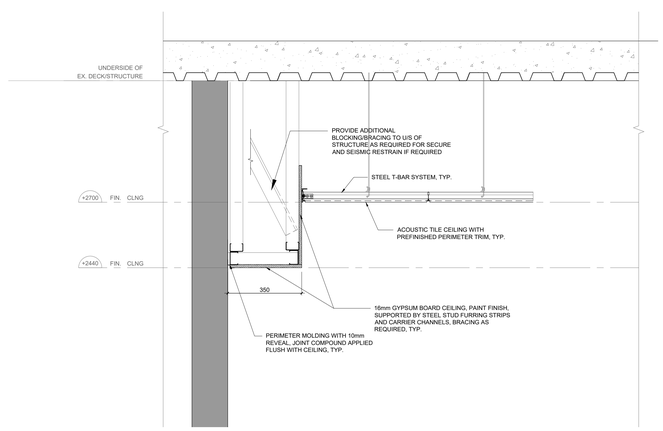
1 A302 CEILING DETAIL SECTION- GROUND FLOOR- RECEPTION
SCALE: 1:10



2 A302 CEILING DETAIL SECTION- GROUND FLOOR- KITCHENETTE 1096
SCALE: 1:10



3 A302 CEILING DETAIL SECTION- THIRD FLOOR- LARGE & MEDIUM BOARD ROOM
SCALE: 1:10



4 A302 CEILING DETAIL SECTION- GROUND AND THIRD FLOOR- KITCHEN AND LUNCH ROOM
SCALE: 1:10

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
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3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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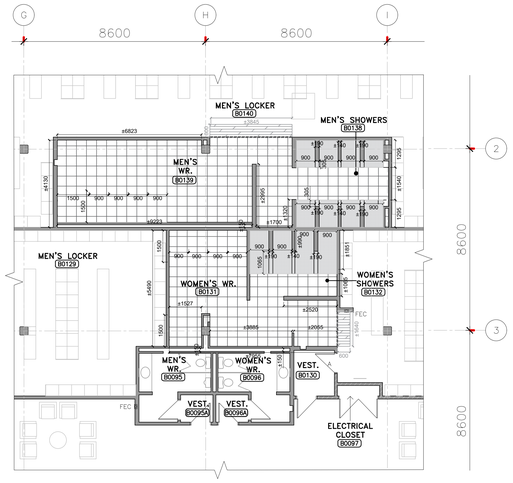
ARCHITECTS SIGNATURE DATE

NORTH

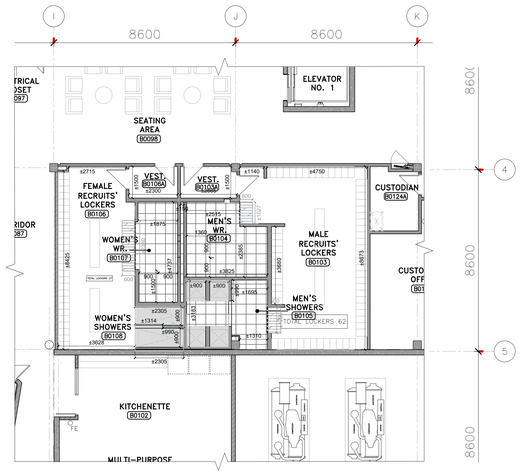
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
CEILING DETAIL SECTIONS

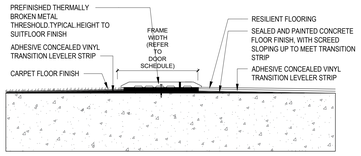
SHEET NO. A302
DRAWN BY MM
CHECKED RN
PROJECT NO.
SCALE AS NOTED



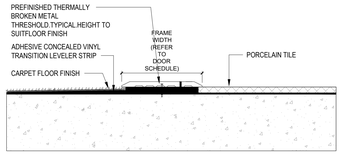
1 A400 FLOOR FINISH PLAN- NEW- BASEMENT FLOOR (B0131,B0132,B0138,B0139)
SCALE: 1:100



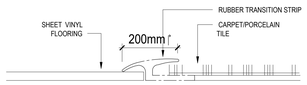
2 A400 FLOOR FINISH PLAN- NEW- BASEMENT FLOOR (B0104,B0105,B0106,B0107)
SCALE: 1:100



4 A400 TYPICAL METAL TRANSITION AT STC RATED DOORS
SCALE: 1:5



5 A400 TYPICAL METAL TRANSITION AT STC RATED DOORS
SCALE: 1:5



6 A400 TYPICAL METAL TRANSITION DETAIL - CARPET TO VINYL
SCALE: N.T.S.

FLOOR FINISH LEGEND

	NEW SHEET VINYL FLOORING. TYP..
	NEW CARPET TILE ON EXISTING SLAB , TYP.
	NEW SLIP RESISTANT PORCELAIN TILE.TYP..
	NEW SLIP RESISTANT PORCELAIN TILE.TYP..
	NEW LUXURY VINYL TILE TYPE1.TYP.
	NEW LUXURY VINYL TILE TYPE 2.TYP.
	PATCH AND REPAIR FLOOR FINISH TO MATCH EXISTING. M.G.A.T. TYP.
	NEW FLOORING TRANSITION STRIP AS APPROPRIATE TO FLOORING TYPES.

GENERAL DEMOLITION NOTES

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. DIMENSIONS MUST BE SITE VERIFIED BY CONTRACTOR.

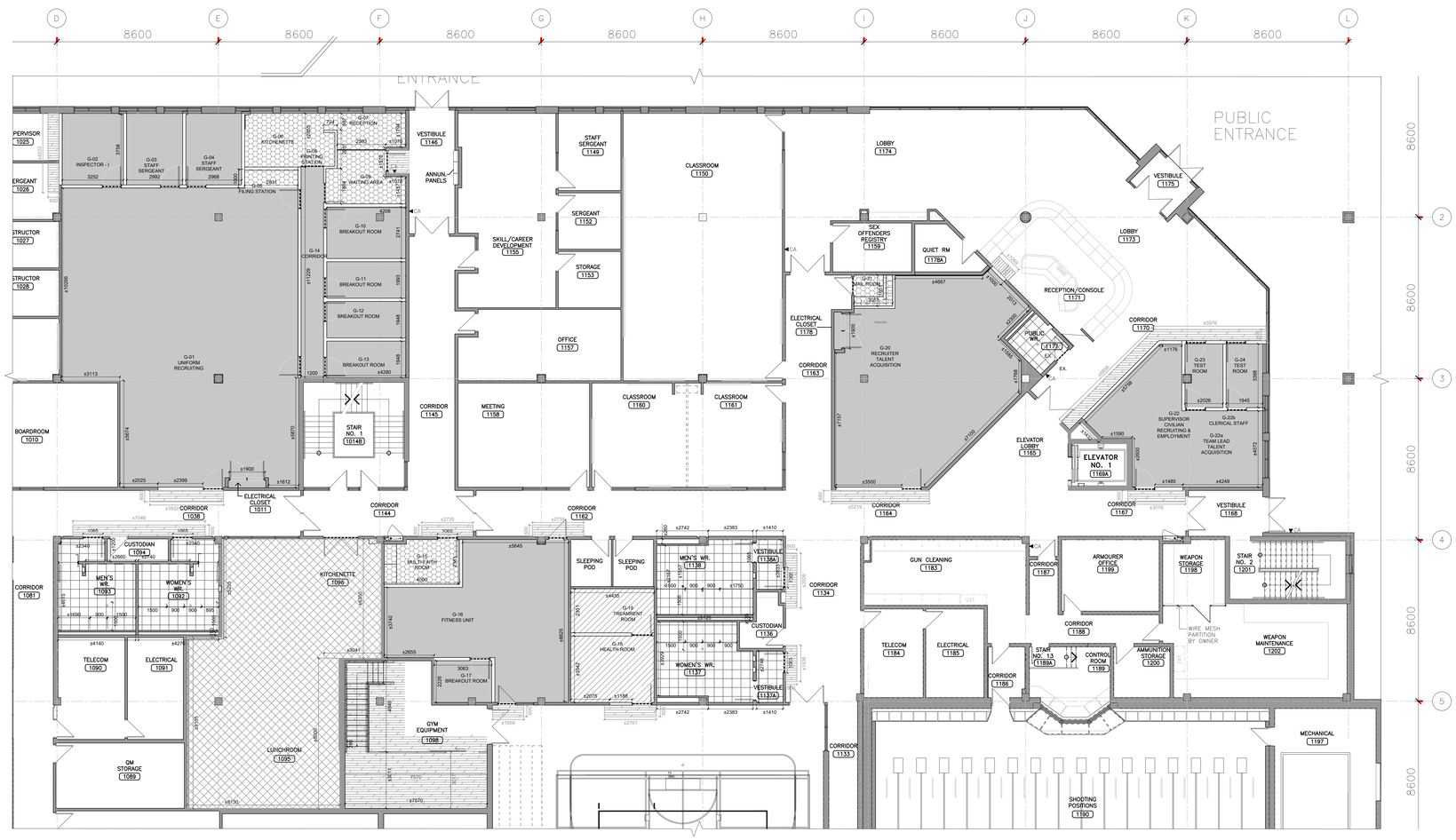
2. THIS DRAWING TO BE READ IN CONJUNCTION W/ FLOOR FINISH NEW + ROOM FINISH SCHEDULE DRAWINGS. REPORT ANY DISAGREEMENTS OR CONFLICTS BETWEEN CONSULTANT'S DRAWINGS TO THE ARCHITECT.

3. CONTRACTOR TO SUPPLY AND INSTALL TEMPORARY PLYWOOD SHEETING TO PROTECT NEW FLOORING BEING INSTALLED IN ALL AREAS WHERE PUBLIC ACCESS MUST BE MAINTAINED DURING CONSTRUCTION.

4. GENERAL CONTRACTOR IS RESPONSIBLE FOR X-RAY STUDY OF EXIST. CONCRETE FLOOR SLAB BEFORE CUTTING TO ENSURE STRUCTURAL INTEGRITY OF THE / FLOOR SLAB AND NO EXIST. UNDERGROUND SERVICES TO BE AFFECTED.

5. ALL FLOOR AREAS WHERE EXISTING FLOOR FINISH HAS BEEN REMOVED TO ACCOMMODATE NEW FINISHES TO BE PROPERLY PREPARED WITH LEVELING COMPOUND UP TO ±2" THICK, SMOOTH & CLEAN TO RECEIVE NEW FLOORING.

6. REPAIR, PATCH, MAKE GOOD AT WALL AND FLOOR JUNCTIONS AND PAINT FINISH TO ALL RELATED EXISTING AREAS TO ACCOMMODATE NEW MECHANICAL & ELECTRICAL MODIFICATIONS, FIXTURES AND NEW CONNECTIONS.



3 A400 FLOOR FINISH PLAN- NEW- GROUND FLOOR
SCALE: 1:100

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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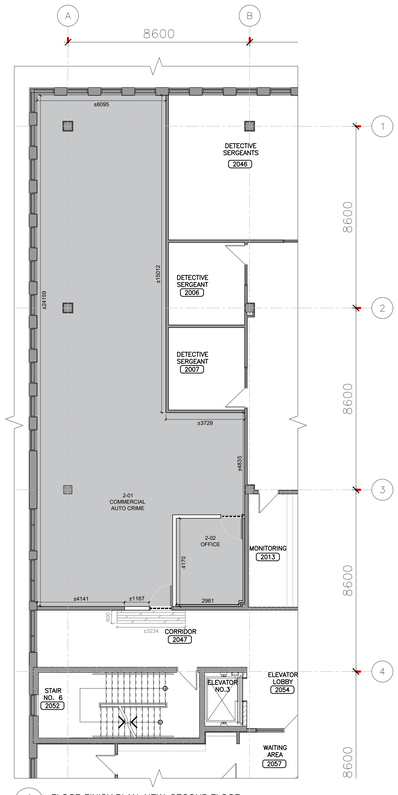
ISSUED FOR CONSTRUCTION DATE

NORTH

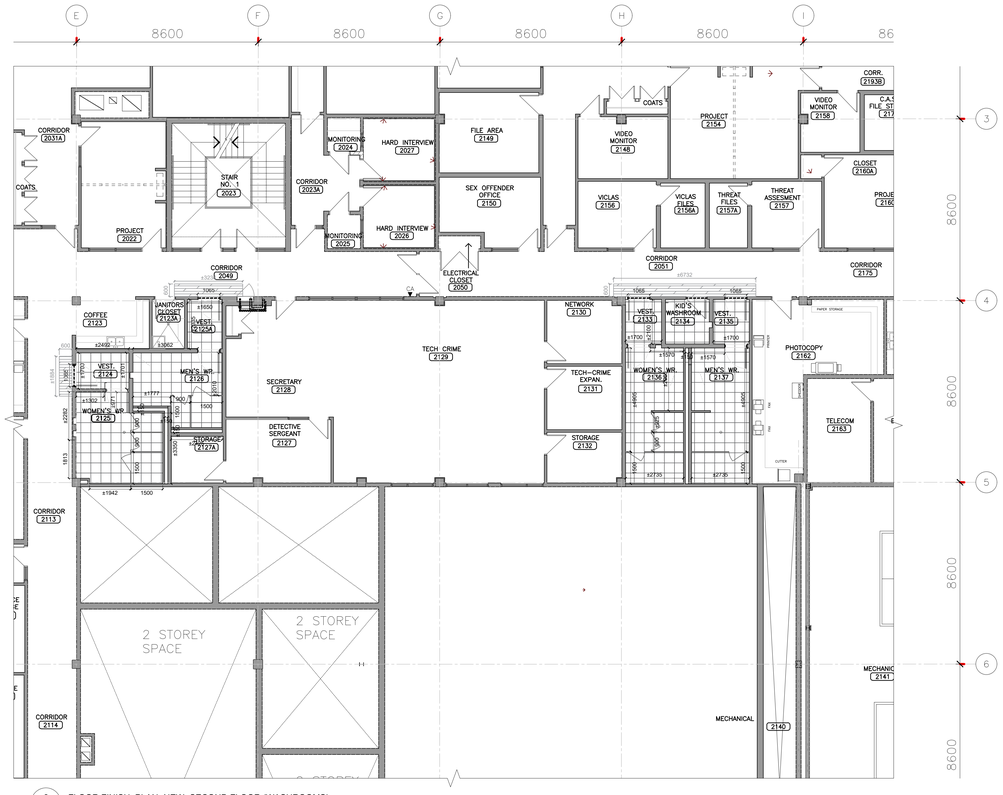
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
FLOOR FINISH PLAN
NEW- BASEMENT & GROUND FLOOR

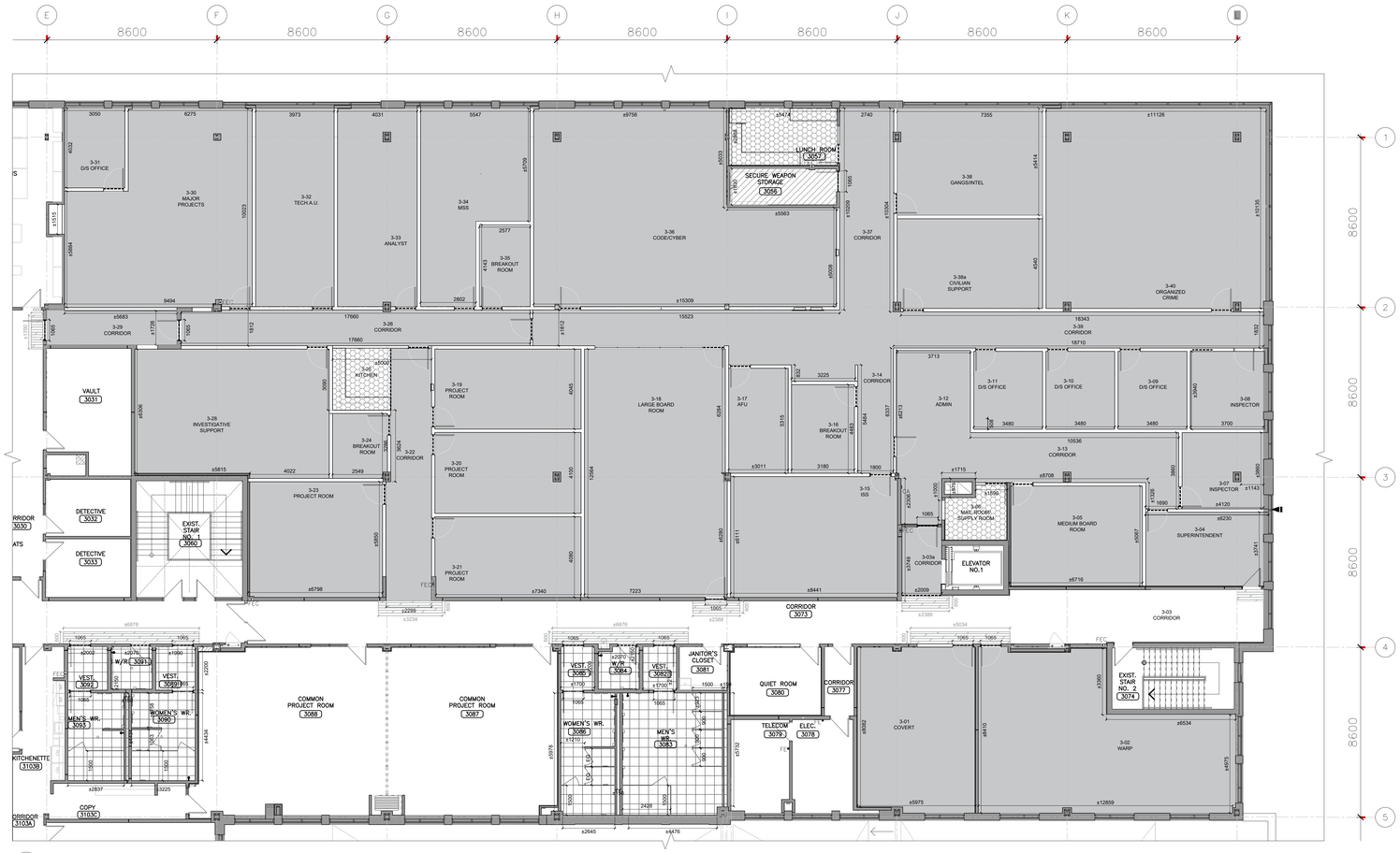
SHEET NO. A400
DRAWN BY MM
CHECKED RN
PROJECT NO.
SCALE AS NOTED



1 A401 FLOOR FINISH PLAN- NEW- SECOND FLOOR
SCALE: 1:100



2 A401 FLOOR FINISH PLAN- NEW- SECOND FLOOR (WASHROOMS)
SCALE: 1:100



3 A401 FLOOR FINISH PLAN- NEW- THIRD FLOOR
SCALE: 1:100

FLOOR FINISH LEGEND

	NEW SHEET VINYL FLOORING. TYP..
	NEW CARPET TILE ON EXISTING SLAB , TYP.
	NEW SLIP RESISTANT PORCELAIN TILE.TYP..
	NEW SLIP RESISTANT PORCELAIN TILE.TYP..
	NEW LUXURY VINYL TILE.TYP.
	PATCH AND REPAIR FLOOR FINISH TO MATCH EXISTING. M.G.A.T. TYP.
- - - - - -	NEW FLOORING TRANSITION STRIP AS APPROPRIATE TO FLOORING TYPES.

GENERAL DEMOLITION NOTES

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. DIMENSIONS MUST BE SITE VERIFIED BY CONTRACTOR.

2. THIS DRAWING TO BE READ IN CONJUNCTION W/ FLOOR FINISH NEW + ROOM FINISH SCHEDULE DRAWINGS. REPORT ANY DISAGREEMENTS OR CONFLICTS BETWEEN CONSULTANT'S DRAWINGS TO THE ARCHITECT.

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3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NCA ARCHITECTS

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This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION	DATE

NORTH

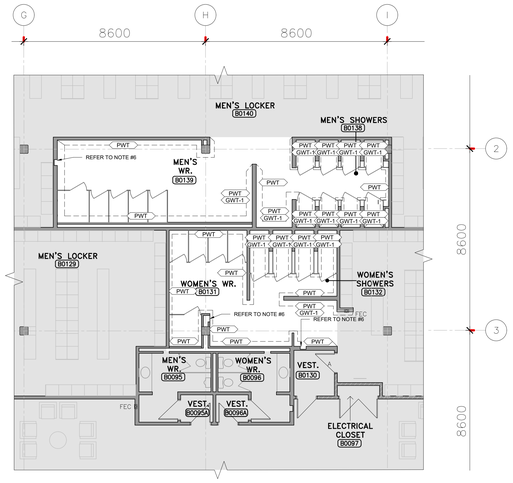
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
FLOOR FINISH PLAN
NEW- SECOND & THIRD FLOOR

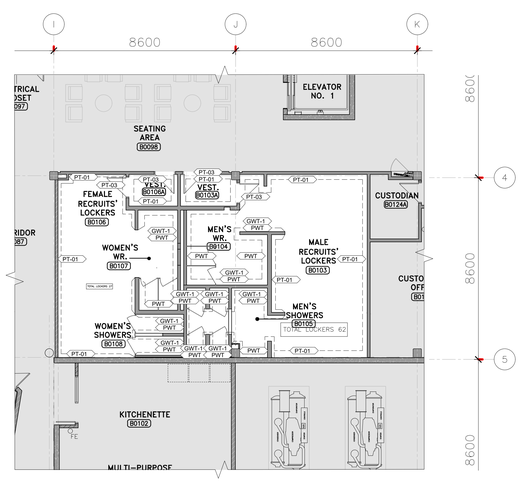
SHEET NO:	DRAWN BY	CHECKED
A401	MM	RN

PROJECT NO.

SCALE: AS NOTED



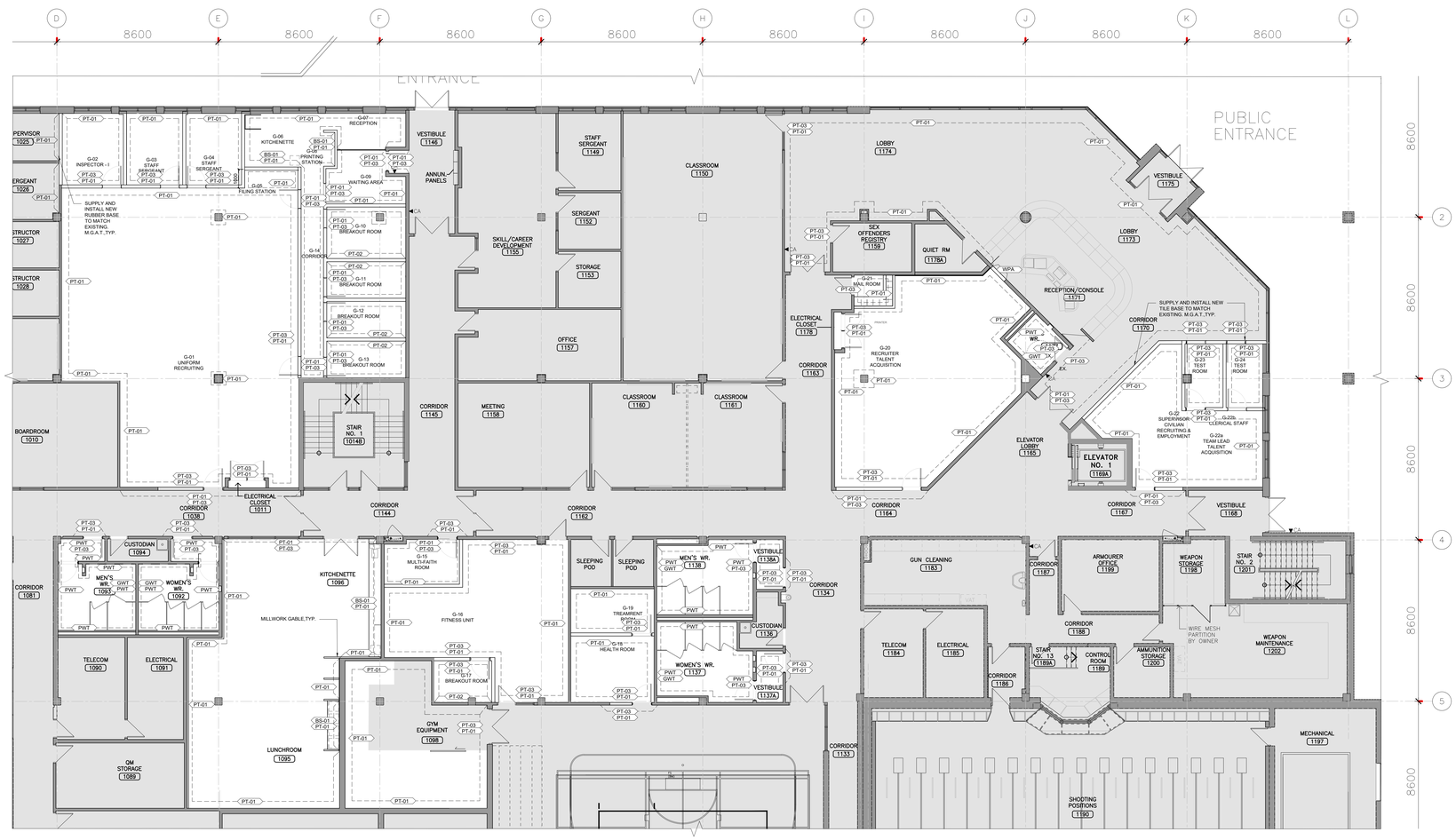
1 A402 WALL FINISH PLAN - BASEMENT
SCALE: 1:100



2 A402 WALL FINISH PLAN - BASEMENT
SCALE: 1:100

FLOOR FINISH LEGEND

PT-01	PAINT FINISH - GENERAL, COLOR TO BE CONFIRMED BY ARCHITECT & CLIENT
PT-02	PAINT FINISH - ACCENT WALL, COLOR TO BE CONFIRMED BY ARCHITECT & CLIENT
PT-03	PAINT /STAIN FINISH - EXITING/NEW DOOR & FRAMES. COLOR TO BE CONFIRMED BY ARCHITECT & CLIENT.BOTH SIDES OF DOORS TO BE PAINTED.TYP. SAND,PRIME AND STAIN FINISH ALL EXISTING WOOD DOORS. COLOR TO MATCH EXISTING. TYP.
BS-01	BACK SPLASH - CENTURA MIKI GLASS SERIES- SEA HAZE MTG102 FINISH- GLOSSY 50mm X300mm GROUT : 909 - STERLING
PWT	PORCELAIN WALL TILE - CENTURA, GLOCAL SERIES- CLEAR GC01, FINISH: NATURAL, 305mmX610mm GROUT: 909 - STERLING
GWT	FEATURE WALL, GLASS WALL TILE - CENTURA MIKI GLASS SERIES- SEA HAZE MTG102, FINISH: GLOSSY 50mm X 300mm. GROUT:909 STERLING
GWT-1	FEATURE WALL, GLASS WALL TILE - CENTURA MIKI GLASS SERIES- ATMOSPHERE OPUS662212 FINISH: GLOSSY 50mm X 300mm. GROUT:909 STERLING
WPA	WOOD PANEL TO MATCH EXISTING
HPL-01	HIGH PRESSURE LAMINATE PANEL- TAFISA MATERIA- MOONLIGHT T761 (MA)
HPL-02	HIGH PRESSURE LAMINATE PANEL- TAFISA LIMMIA- MIDNIGHT SUNT765(MA)
AP	ACOUSTIC PANEL - GUILFORD OF MAINE HERITAGE - ANCHORAGE 2335-WHITE 2664



3 A402 WALL FINISH PLAN- GROUND FLOOR
SCALE: 1:100

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 88% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION: DATE:

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

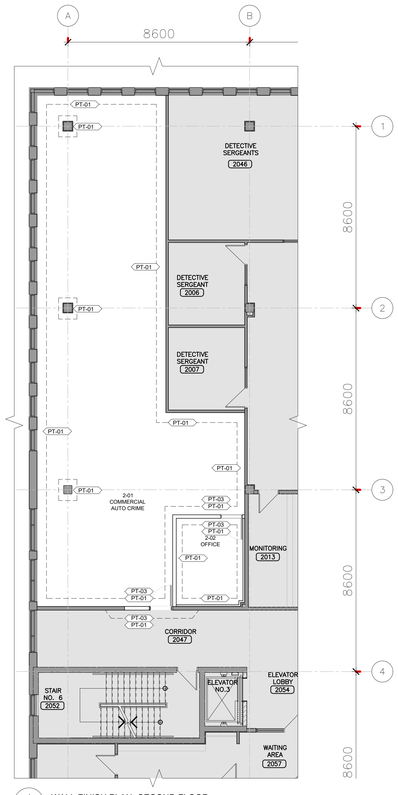
SHEET TITLE
WALL FINISH PLAN
NEW- BASEMENT & GROUND FLOOR

SHEET NO. A402

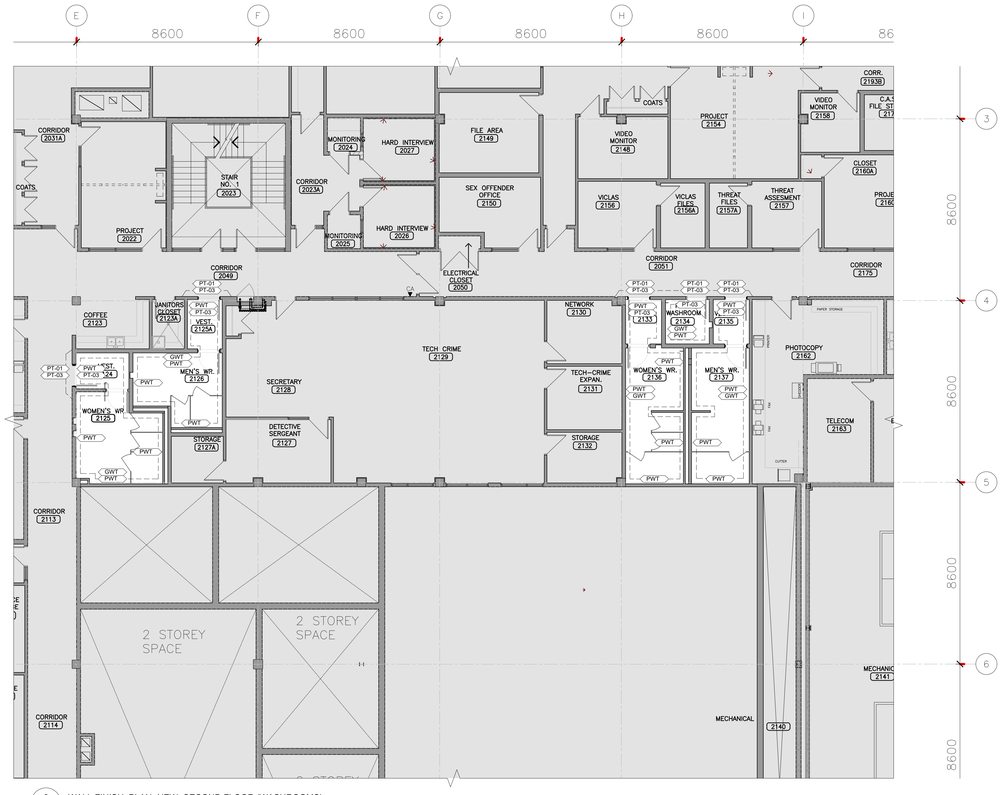
DRAWN BY MM | CHECKED RN

PROJECT NO.

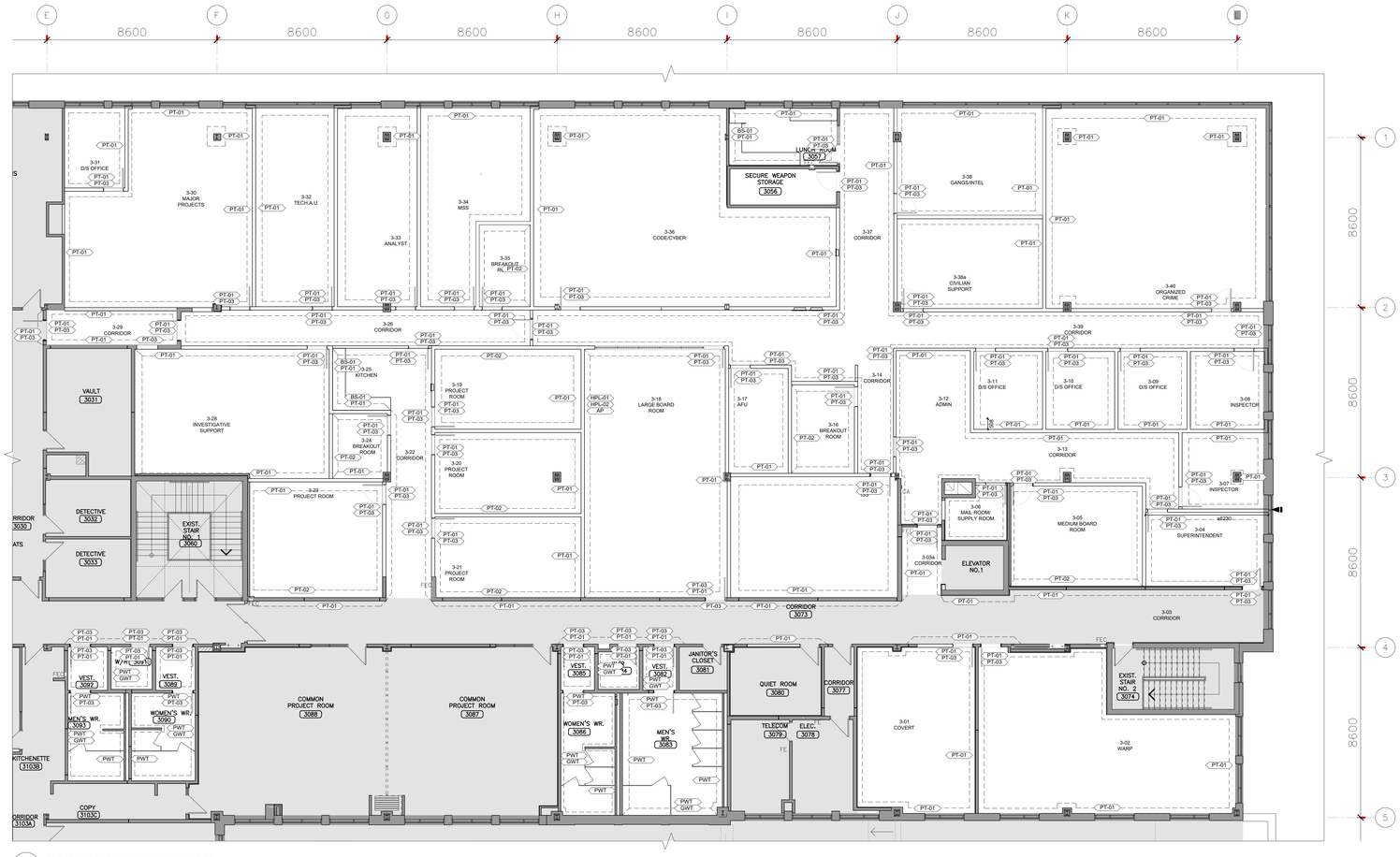
SCALE AS NOTED



1 A403 WALL FINISH PLAN- SECOND FLOOR
SCALE: 1:100



2 A403 WALL FINISH PLAN- NEW- SECOND FLOOR (WASHROOMS)
SCALE: 1:100



3 A403 FLOOR FINISH PLAN- NEW- THIRD FLOOR
SCALE: 1:100

FLOOR FINISH LEGEND

PT-01	PAINT FINISH - GENERAL, COLOR TO BE CONFIRMED BY ARCHITECT & CLIENT
PT-02	PAINT FINISH - ACCENT WALL, COLOR TO BE CONFIRMED BY ARCHITECT & CLIENT
PT-03	PAINT /STAIN FINISH - EXITING/NEW DOOR & FRAMES. COLOR TO BE CONFIRMED BY ARCHITECT & CLIENT.BOTH SIDES OF DOORS TO BE PAINTED.TYP. SAND,PRIME AND STAIN FINISH ALL EXISTING WOOD DOORS. COLOR TO MATCH EXISTING. TYP.
BS-01	BACK SPLASH - CENTURA MIKI GLASS SERIES- SEA HAZE MTG102 FINISH- GLOSSY 50mm X300mm GROUT : 909 - STERLING
PWT	PORCELAIN WALL TILE - CENTURA, GLOCAL SERIES- CLEAR GC01, FINISH: NATURAL, 305mmX610mm GROUT: 909 - STERLING
GWT	FEATURE WALL, GLASS WALL TILE - CENTURA MIKI GLASS SERIES- SEA HAZE MTG102, FINISH: GLOSSY 50mm X 300mm. GROUT:909 STERLING
GWT-1	FEATURE WALL, GLASS WALL TILE - CENTURA MIKI GLASS SERIES- ATMOSPHERE OPUS662212 FINISH: GLOSSY 50mm X 300mm. GROUT:909 STERLING
WPA	WOOD PANEL TO MATCH EXISTING
HPL-01	HIGH PRESSURE LAMINATE PANEL- TAFISA MATERIA- MOONLIGHT T761 (MA)
HPL-02	HIGH PRESSURE LAMINATE PANEL- TAFISA LIMMIA- MIDNIGHT SUNT765(MA)
AP	ACOUSTIC PANEL - GUILFORD OF MAINE HERITAGE - ANCHORAGE 2335-WHITE 2664

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NCA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

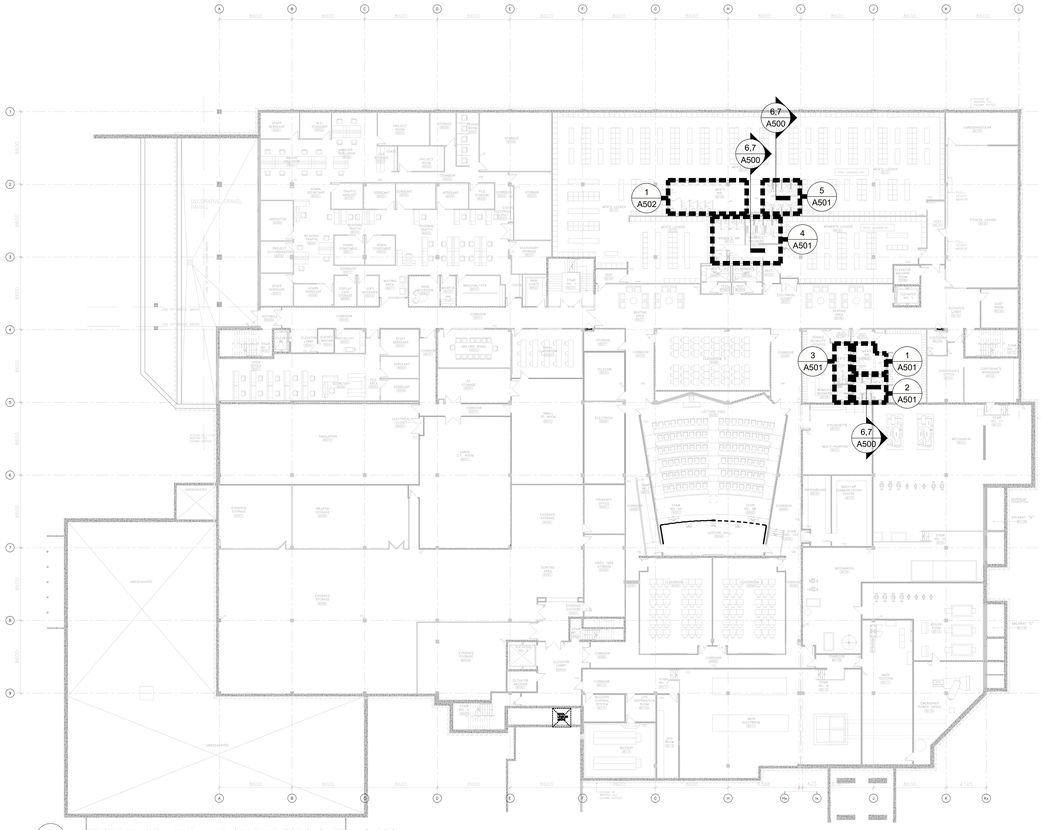
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
FLOOR FINISH PLAN
NEW- SECOND & THIRD FLOOR

SHEET NO:	DRAWN BY	CHECKED
A403	MM	RN

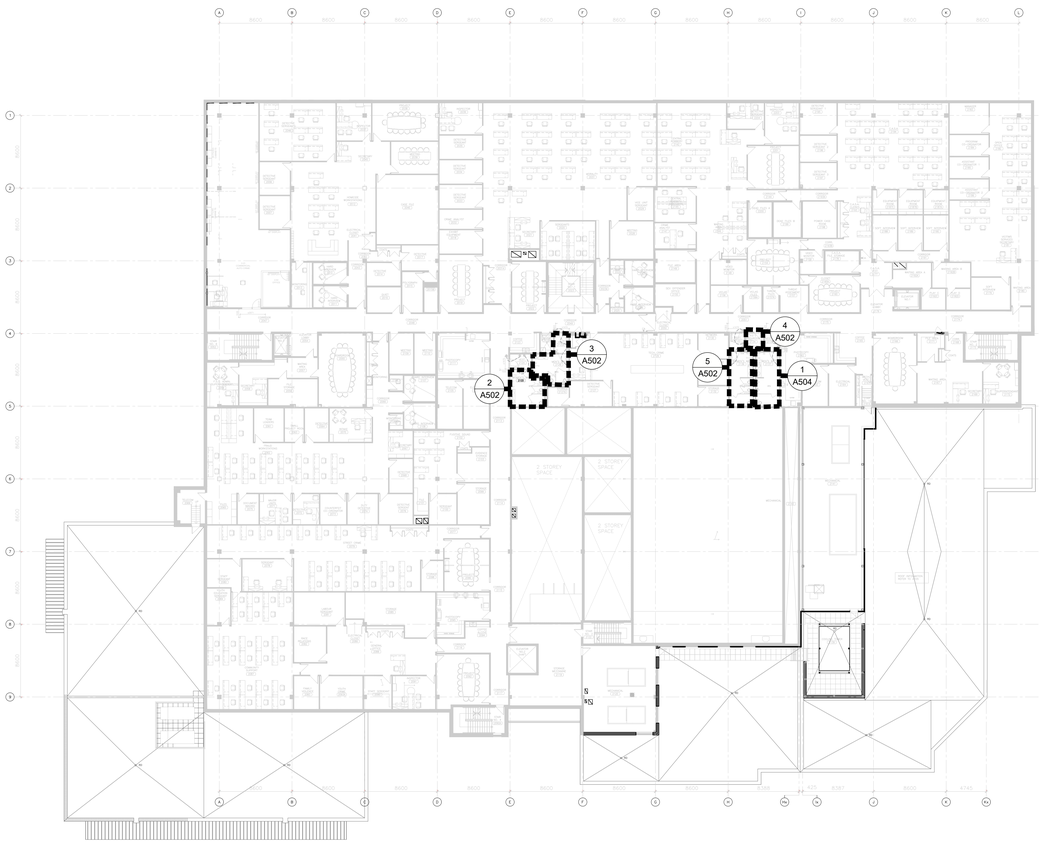
PROJECT NO.

SCALE
AS NOTED

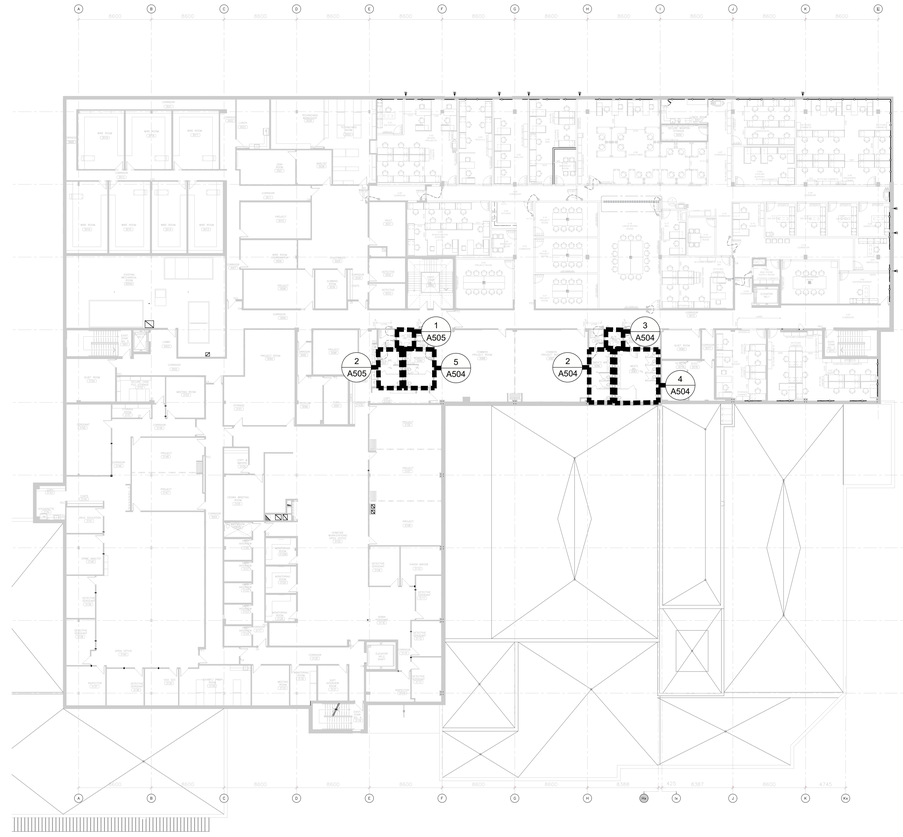


1 A500 INTERIOR ELEVATION KEY PLAN - BASEMENT FLOOR SHOWER/ WASHROOM
SCALE: 1:50

2 A500 INTERIOR ELEVATION KEY PLAN - GROUND FLOOR WASHROOM
SCALE: 1:50



3 A500 INTERIOR ELEVATION KEY PLAN - SECOND FLOOR WASHROOM
SCALE: 1:50



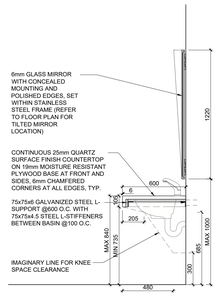
4 A500 INTERIOR ELEVATION KEY PLAN - THIRD FLOOR WASHROOM
SCALE: 1:50

NOTES

ALL EXISTING PAPER TOWEL DISPENSER, TOILET PAPER HOLDER, AND SOAP DISPENSER TO BE REMOVED AND REINSTALLED, TYP, TO ALL WASHROOMS, SHOWER ROOMS AND KITCHEN. FINAL LOCATION TO BE CONFIRMED BY THE CLIENT.

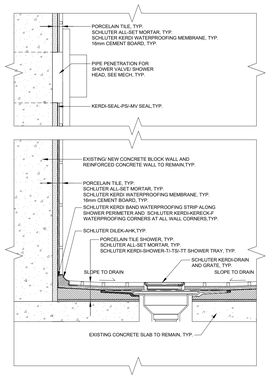
GENERAL CONTRACTOR IS RESPONSIBLE, AT THEIR OWN EXPENSE, TO SUPPLY & INSTALL NEW DISPENSER AND HOLDER TO REPLACE ANY DAMAGED DISPENSER AND HOLDER DURING REMOVAL TYP.

GC IS TO RETURN ALL EXISTING STAINLESS STEEL DISPENSER AND DISPOSAL UNIT TO THE CLIENT AFTER REMOVAL, TYP.

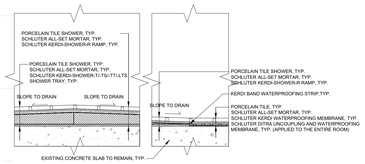


A SECTION

5 A500 TYPICAL WASHROOM COUNTERTOP DETAILS
SCALE: 1:20



6 A500 CONCRETE WALL DETAILS (POINT DRAIN)
SCALE: 1:5



7 A500 TYPICAL CURBLESS SHOWER DETAILS
SCALE: 1:5

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11.	ISSUED FOR BUILDING PERMIT	2026.04.08
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2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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SEALED FOR CONSTRUCTION | DATE

NORTH

PROJECT NORTH

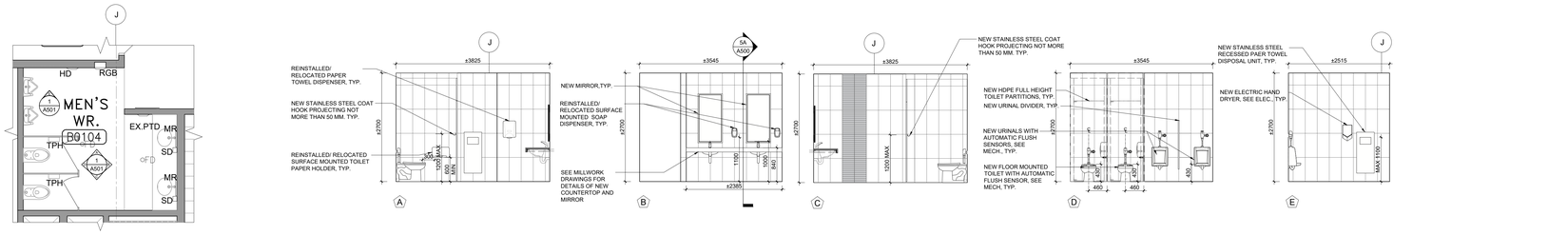
STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

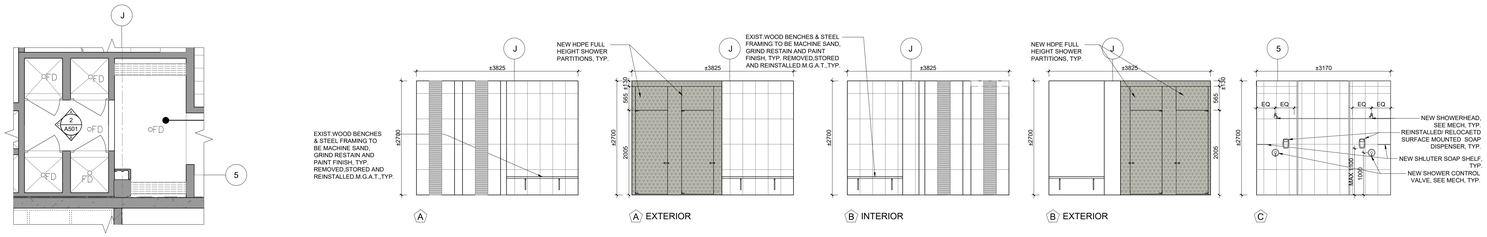
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
INTERIOR ELEVATIONS-SHOWER/WASHROOM KEY PLANS

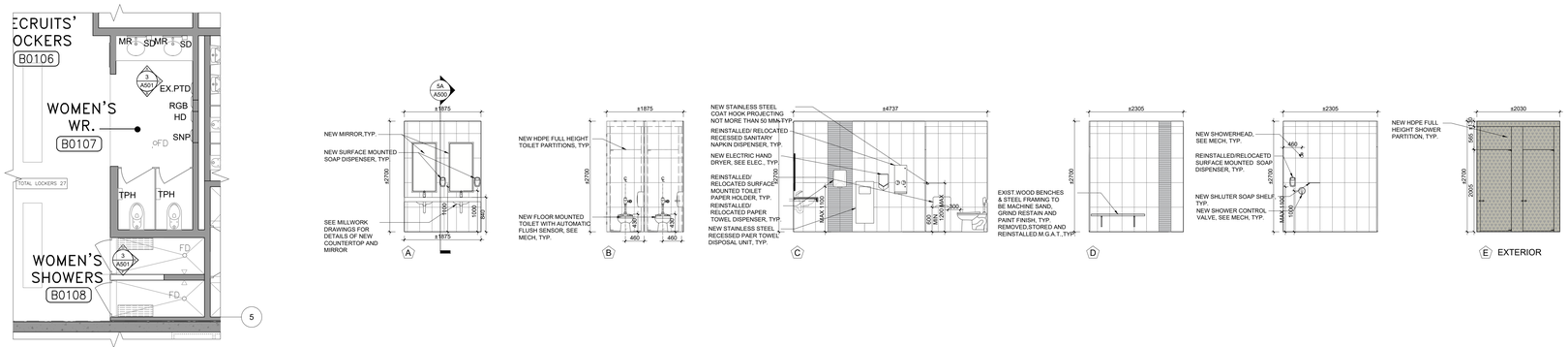
SHEET NO:	DRAWN BY	CHECKED
A500	CC	RN
	PROJECT NO. 2520797	
	SCALE AS NOTED	



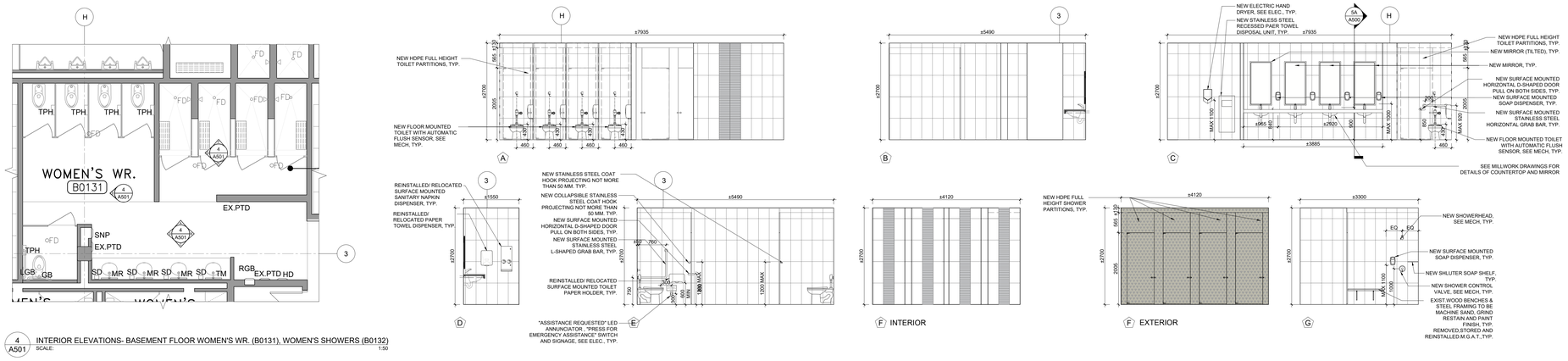
1 A501 INTERIOR ELEVATIONS- BASEMENT FLOOR MEN'S WR. (B0104)
SCALE: 1:50



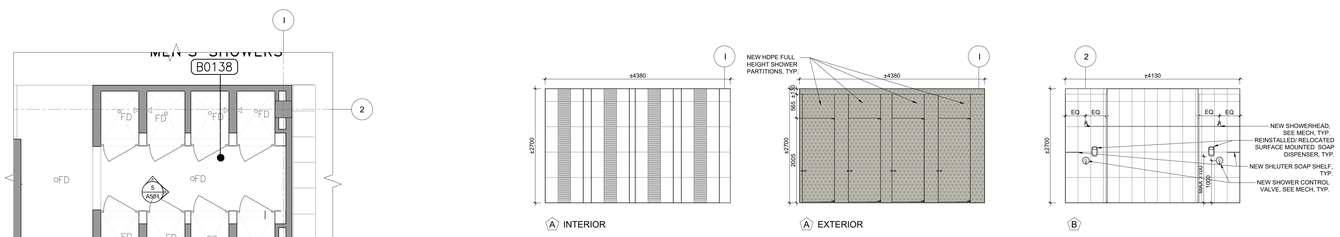
2 A501 INTERIOR ELEVATIONS- BASEMENT FLOOR MEN'S SHOWERS (B0105)
SCALE: 1:50



3 A501 INTERIOR ELEVATIONS- BASEMENT FLOOR WOMEN'S WR. (B0107), WOMEN'S SHOWERS (B0108)
SCALE: 1:50



4 A501 INTERIOR ELEVATIONS- BASEMENT FLOOR WOMEN'S WR. (B0131), WOMEN'S SHOWERS (B0132)
SCALE: 1:50



5 A501 INTERIOR ELEVATIONS- BASEMENT FLOOR MEN'S SHOWERS (B0138)
SCALE: 1:50

INTERIOR ELEVATIONS LEGEND

	POR1: 305mm X 610mm PORCELAIN WALL TILE
	GLA1: 300mm X 50mm GLASS TILE, STACK BOND
	GLA2: 300mm X 50mm GLASS TILE, STACK BOND
	NEW HDPE FULL HEIGHT SHOWER PARTITIONS, TYP.
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

INTERIOR ELEVATIONS NOTES

1. MECHANICAL ACCESS HATCH FOR WASHROOMS AND SHOWER ROOMS NOT TO BE INSTALLED ON THE FEATURE WALL. GC TO COORDINATE WITH MECHANICAL SUBCONTRACTOR AND INFORM THE ARCHITECT. GC TO RECEIVE THE APPROVAL FROM THE ARCHITECT REGARDING THE LOCATION OF THE ACCESS HATCH BEFORE STARTING ANY MECHANICAL WORK.

2. GC IS RESPONSIBLE TO SUPPLY & INSTALL ±18 SOAP/SHAMPOO SHELVES BY SCHLUTER SYSTEMS TO ALL SHOWERS, TYP.

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
10.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.28
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until signed and sealed by the architect and the design professional is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

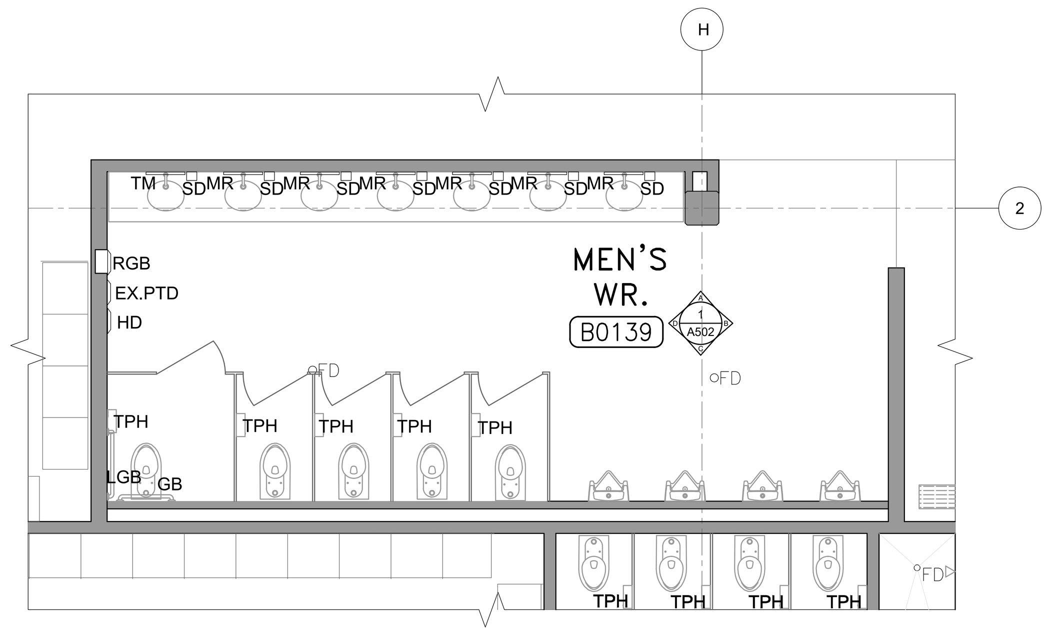
NORTH

PROJECT

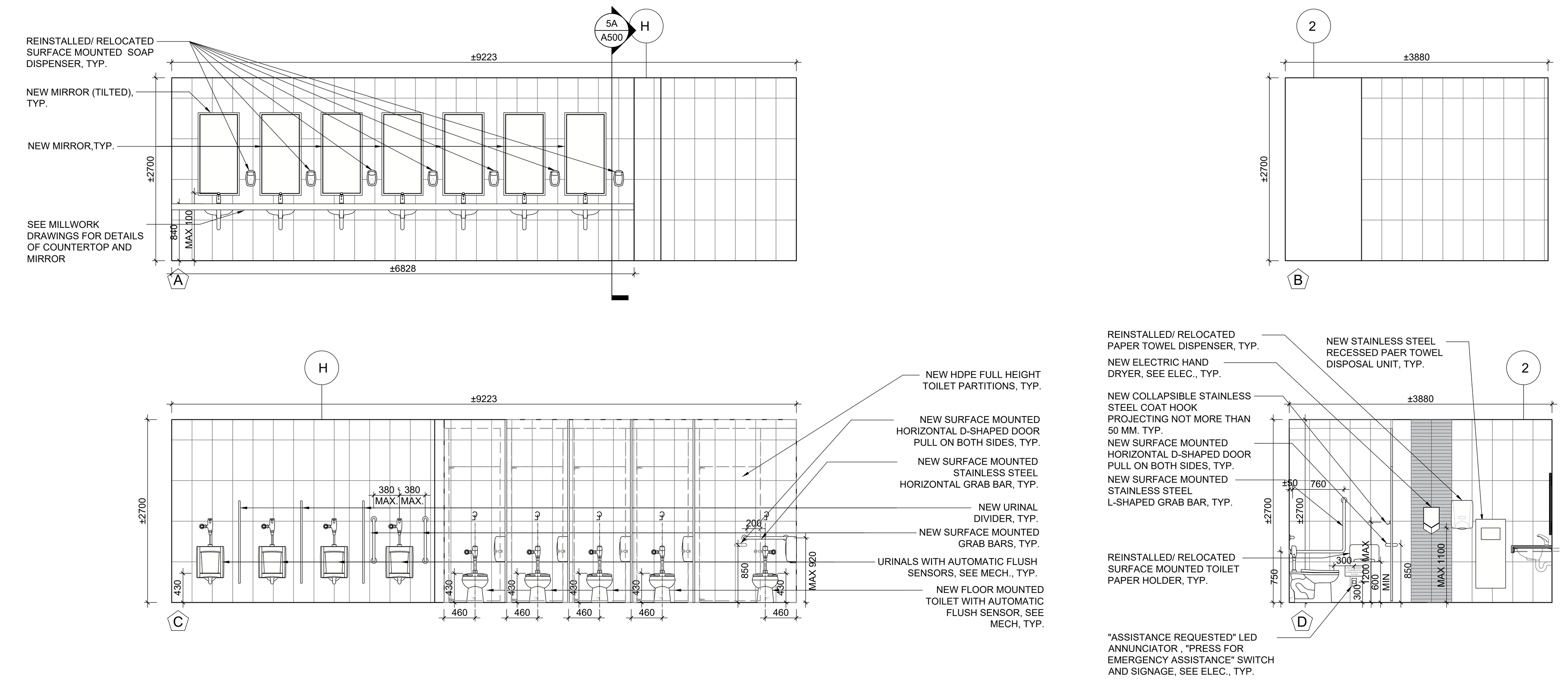
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

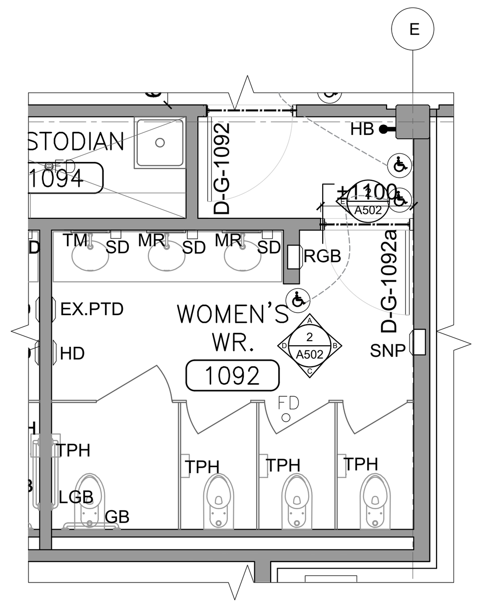
SHEET TITLE
INTERIOR ELEVATIONS- BASEMENT FLOOR WASHROOM/ SHOWER

SHEET NO. A501
DRAWN BY CC
CHECKED RN
PROJECT NO. 2520797
SCALE AS NOTED



1 / A502 INTERIOR ELEVATIONS- BASEMENT FLOOR MEN'S WR. (B0139)
SCALE: 1:50





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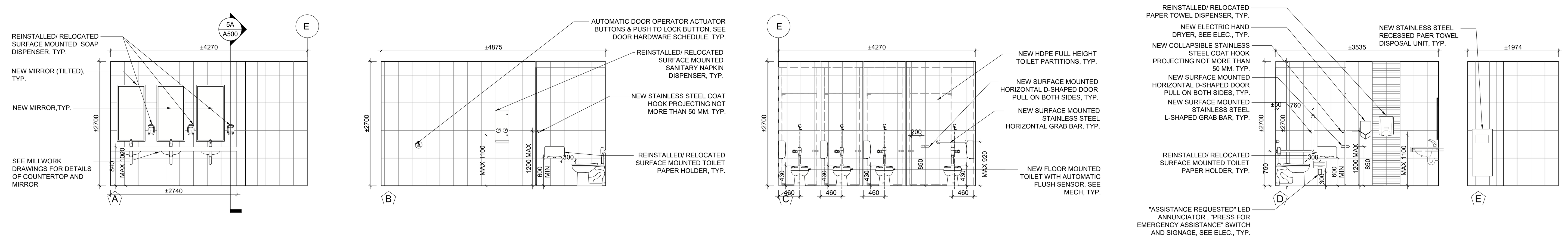
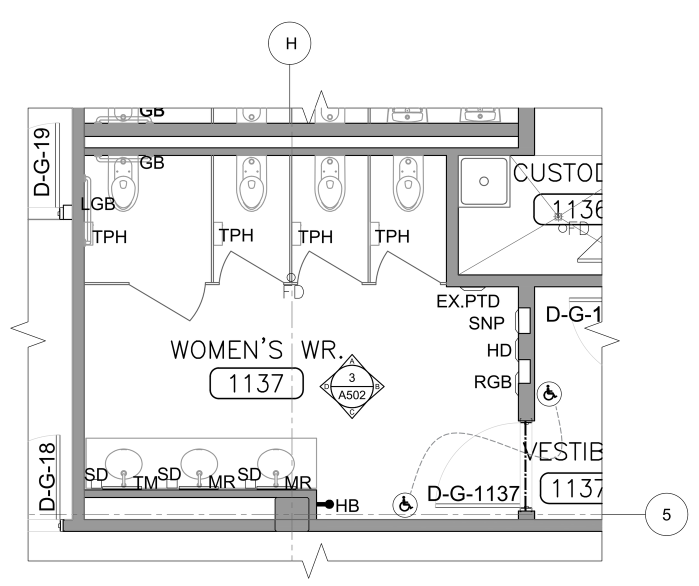
SCALE: 1:50





3 / A502 INTERIOR ELEVATIONS- GROUND FLOOR WOMEN'S WR. (1137)
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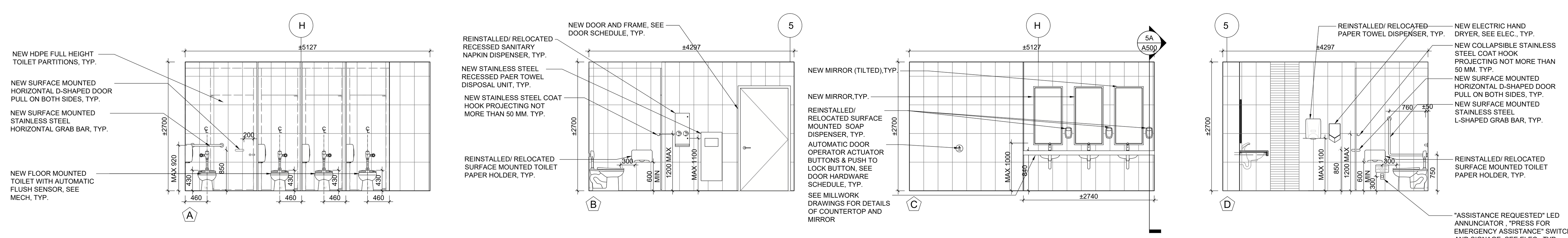
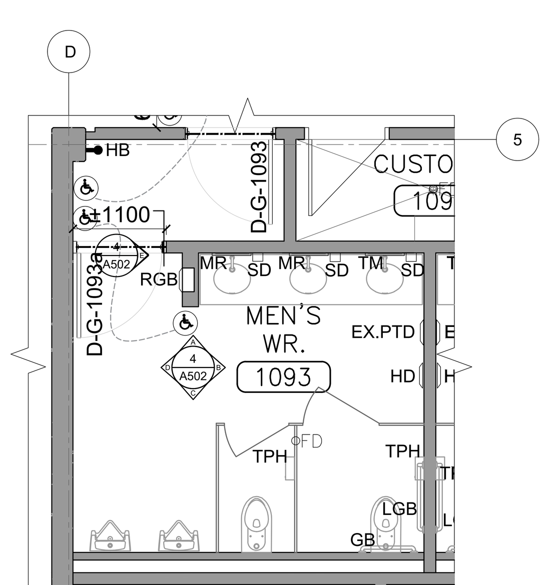
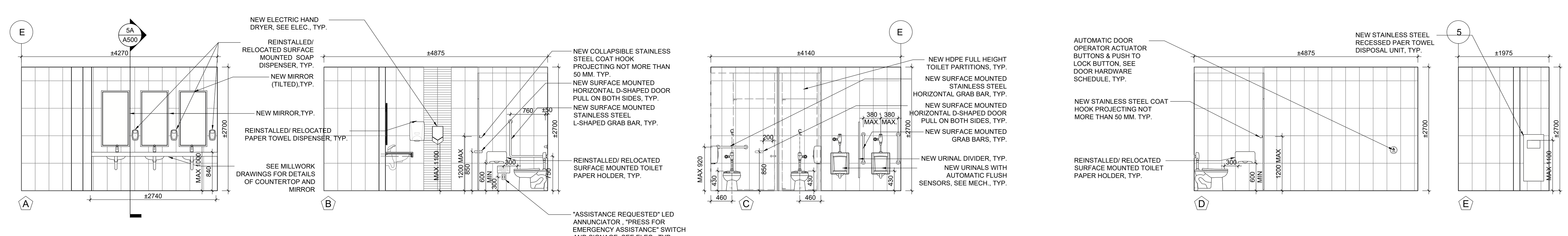
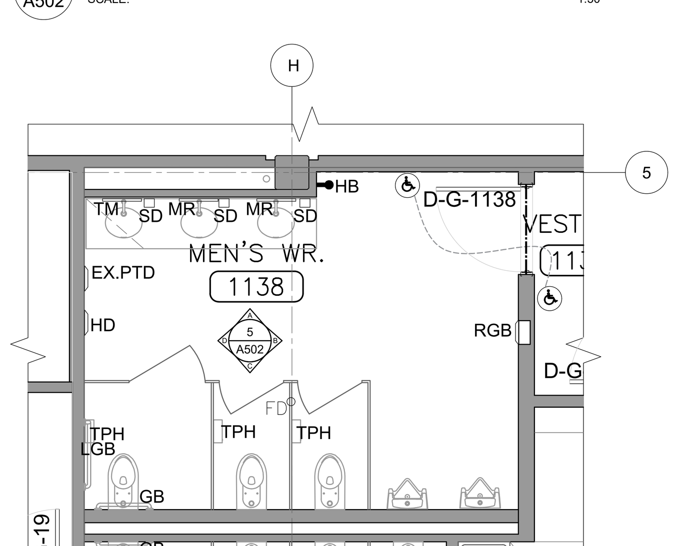


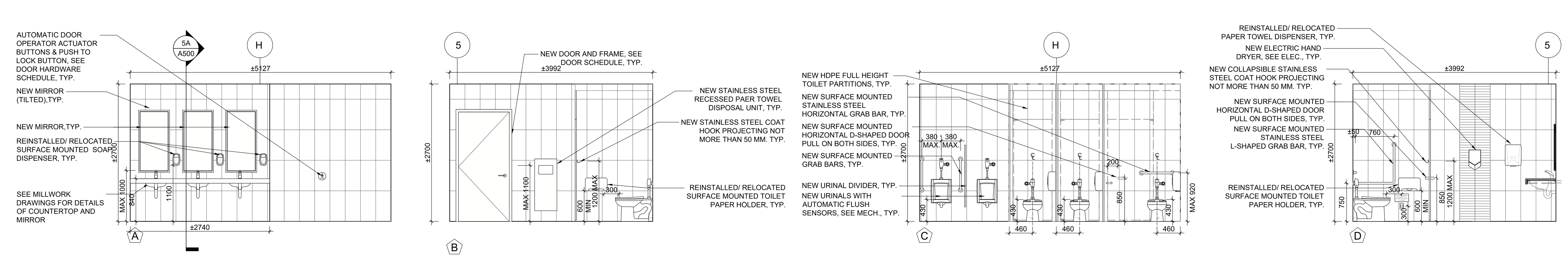


4 / A502 INTERIOR ELEVATIONS- GROUND FLOOR MEN'S WR. (1093)
SCALE: 1:50





5 / A502 INTERIOR ELEVATIONS- GROUND FLOOR MEN'S WR. (1138)
SCALE: 1:50



INTERIOR ELEVATIONS LEGEND

[hatch]	**POR1:** 305mm X 610mm PORCELAIN WALL TILE
[hatch]	**GLA1:** 300mm X 50mm GLASS TILE, STACK BOND
[hatch]	**GLA2:** 300mm X 50mm GLASS TILE, STACK BOND
[hatch]	NEW HDPE FULL HEIGHT SHOWER PARTITIONS, TYP.
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

INTERIOR ELEVATIONS NOTES

1. MECHANICAL ACCESS HATCH FOR WASHROOMS AND SHOWER ROOMS NOT TO BE INSTALLED ON THE FEATURE WALL. GC TO COORDINATE WITH MECHANICAL SUBCONTRACTOR AND INFORM THE ARCHITECT. GC TO RECEIVE THE APPROVAL FROM THE ARCHITECT REGARDING THE LOCATION OF THE ACCESS HATCH BEFORE STARTING ANY MECHANICAL WORK.

2. GC IS RESPONSIBLE TO SUPPLY & INSTALL ±18 SOAP/SHAMPOO SHELVES BY SCHLUTER SYSTEMS TO ALL SHOWERS, TYP.

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
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10.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
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8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

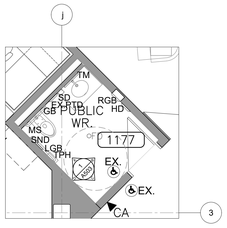
ISSUED FOR CONSTRUCTION DATE

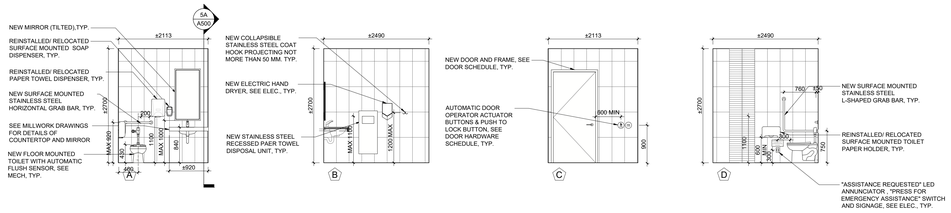
NORTH

STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

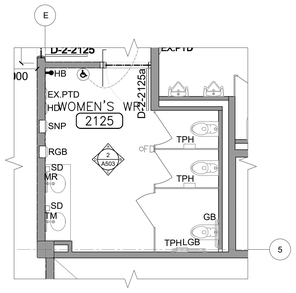
SHEET TITLE
INTERIOR ELEVATIONS- BASEMENT/GROUND FLOOR WASHROOM

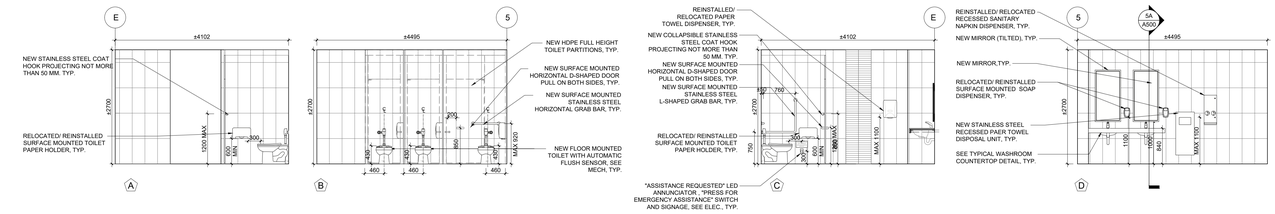
SHEET NO.	DRAWN BY	CHECKED
A502	CC	RN
	PROJECT NO.	
	SCALE: AS NOTED	



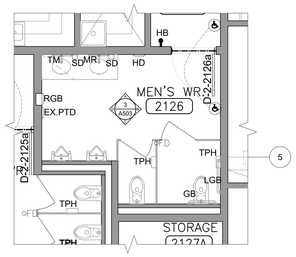


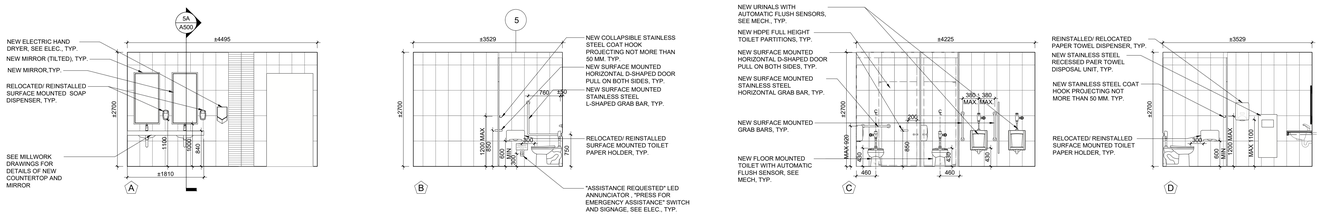
1 A503 INTERIOR ELEVATIONS- GROUND FLOOR PUBLIC WR. (1177)
SCALE: 1:50





2 A503 INTERIOR ELEVATIONS- SECOND FLOOR WOMEN'S WR (2125)
SCALE: 1:50





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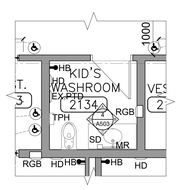
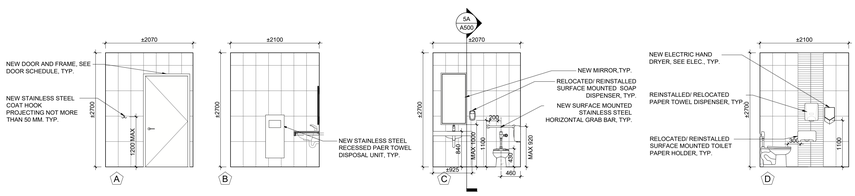
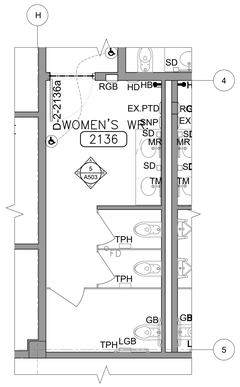
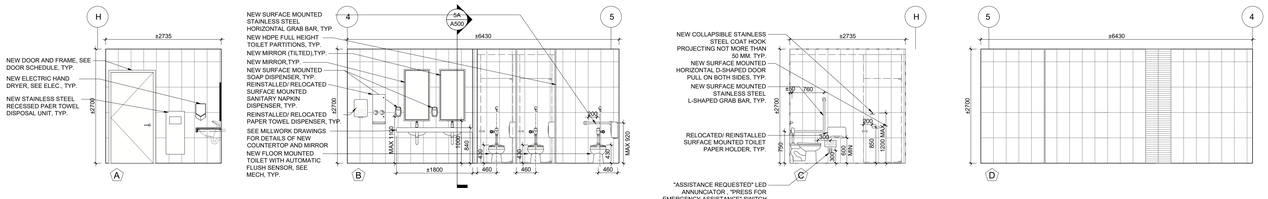
SCALE: 1:50





4 A503 INTERIOR ELEVATIONS- SECOND FLOOR KID'S WASHROOM (2134)
SCALE: 1:50





5 A503 INTERIOR ELEVATIONS- SECOND FLOOR WOMEN'S WR. (2136)
SCALE: 1:50

INTERIOR ELEVATIONS LEGEND

	POR1: 305mm X 610mm PORCELAIN WALL TILE
	GLA1: 300mm X 50mm GLASS TILE, STACK BOND
	GLA2: 300mm X 50mm GLASS TILE, STACK BOND
	NEW HDPE FULL HEIGHT SHOWER PARTITIONS, TYP.
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

INTERIOR ELEVATIONS NOTES

1. MECHANICAL ACCESS HATCH FOR WASHROOMS AND SHOWER ROOMS NOT TO BE INSTALLED ON THE FEATURE WALL. GC TO COORDINATE WITH MECHANICAL SUBCONTRACTOR AND INFORM THE ARCHITECT. GC TO RECEIVE THE APPROVAL FROM THE ARCHITECT REGARDING THE LOCATION OF THE ACCESS HATCH BEFORE STARTING ANY MECHANICAL WORK.

2. GC IS RESPONSIBLE TO SUPPLY & INSTALL ±18 SOAP/SHAMPOO SHELVES BY SCHLUTER SYSTEMS TO ALL SHOWERS, TYP.

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
10.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.28
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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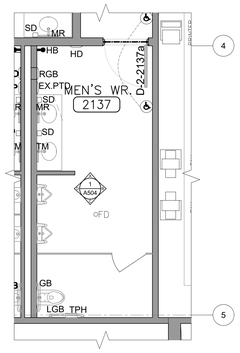
ISSUED FOR CONSTRUCTION DATE

NORTH

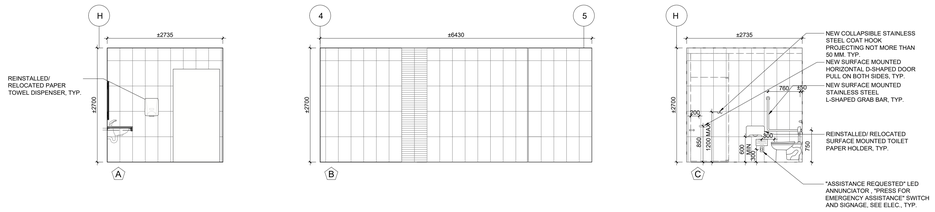
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
INTERIOR ELEVATIONS- GROUND FLOOR/SECOND FLOOR WASHROOM

SHEET NO: A503
DRAWN BY: CC
CHECKED: RN
PROJECT NO.
SCALE: AS NOTED



1 A504 INTERIOR ELEVATIONS- SECOND FLOOR MEN'S WR. (2137)
SCALE: 1:50



INTERIOR ELEVATIONS LEGEND

	POR1: 305mm X 610mm PORCELAIN WALL TILE
	GLA1: 300mm X 50mm GLASS TILE, STACK BOND
	GLA2: 300mm X 50mm GLASS TILE, STACK BOND
	NEW HDPE FULL HEIGHT SHOWER PARTITIONS, TYP.
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

INTERIOR ELEVATIONS NOTES

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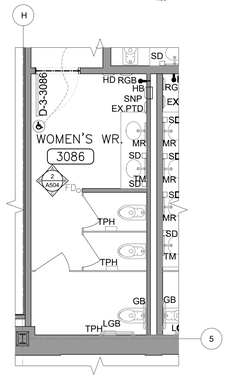
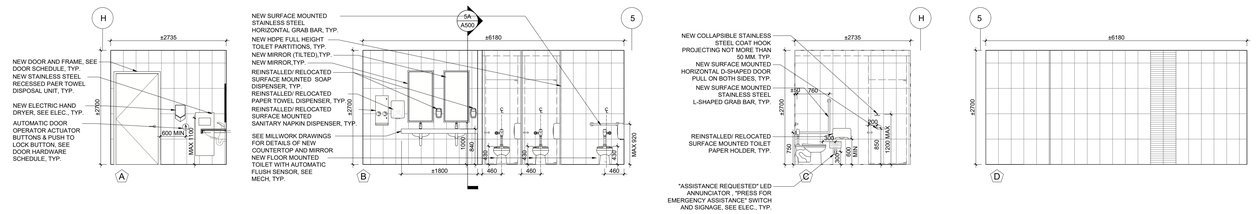
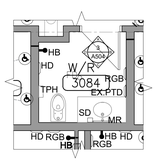
2. GC IS RESPONSIBLE TO SUPPLY & INSTALL ±18 SOAP/SHAMPOO SHELVES BY SCHLUTER SYSTEMS TO ALL SHOWERS, TYP.

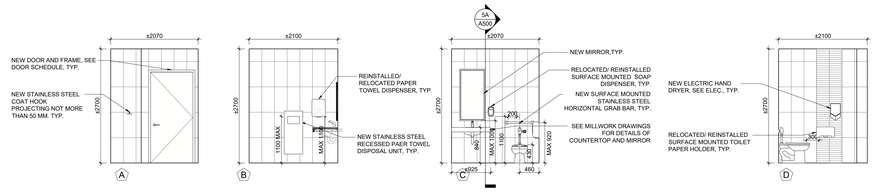


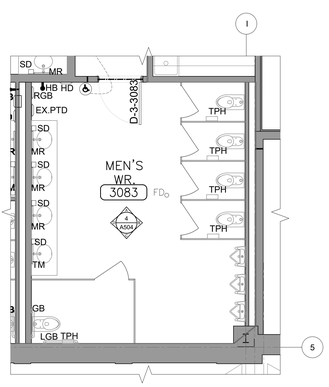
2 A504 INTERIOR ELEVATIONS- THIRD FLOOR WOMEN'S WR (3086)
SCALE: 1:50



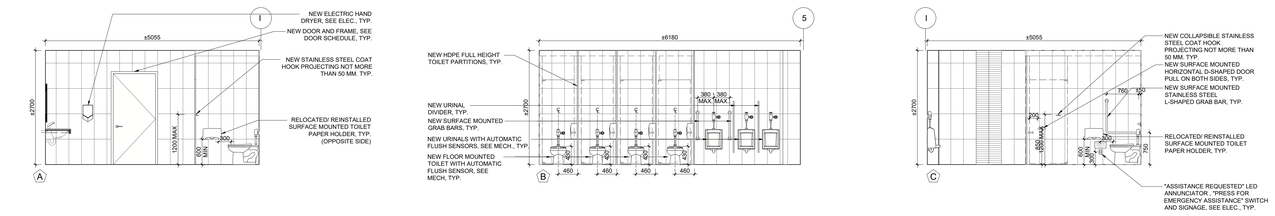


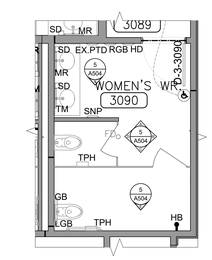
3 A504 INTERIOR ELEVATIONS- THIRD FLOOR W/R. (3184)
SCALE: 1:50



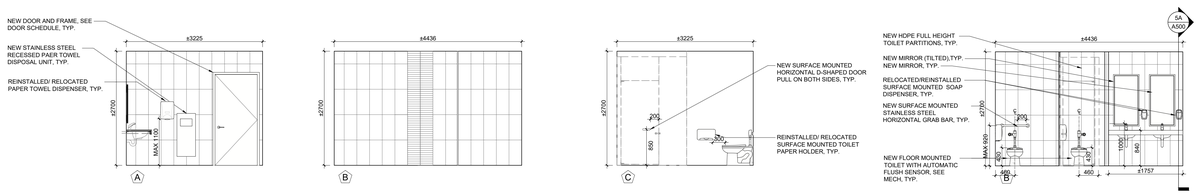


4 A504 INTERIOR ELEVATIONS- THIRD FLOOR MEN'S WASHROOM (3083)
SCALE: 1:50





5 A504 INTERIOR ELEVATIONS- THIRD FLOOR WOMEN'S WR. (3090)
SCALE: 1:50



NO.	DESCRIPTION	DATE
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11.	ISSUED FOR BUILDING PERMIT	2026.04.08
10.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.28
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
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6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

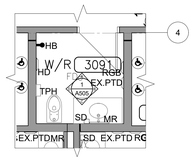
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
INTERIOR ELEVATIONS- SECOND/ THIRD FLOOR WASHROOM

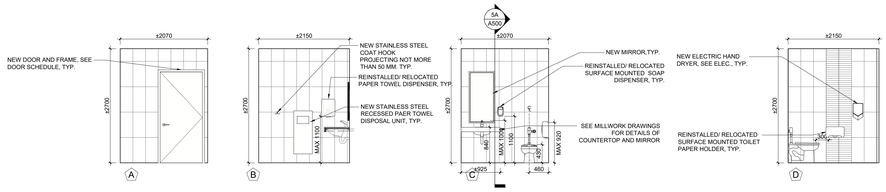
SHEET NO.	DRAWN BY	CHECKED
A504	CC	RN

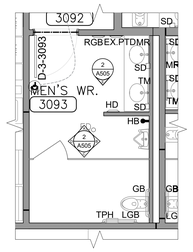
PROJECT NO.

SCALE
AS NOTED

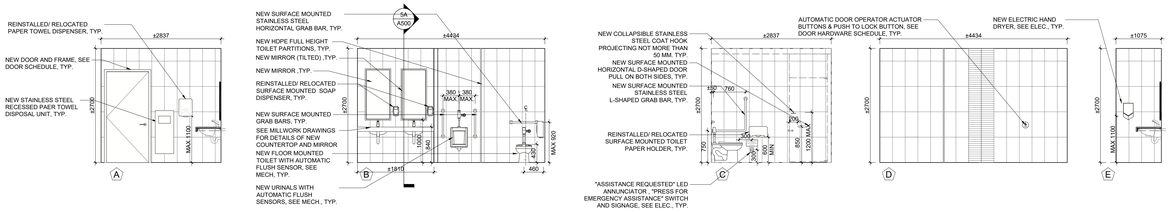


1 A505 INTERIOR ELEVATIONS- THIRD FLOOR W/R. (3091)
SCALE: 1:50





2 A505 INTERIOR ELEVATIONS- THIRD FLOOR MEN'S WR (3093)
SCALE: 1:50



INTERIOR ELEVATIONS LEGEND

	POR1: 305mm X 610mm PORCELAIN WALL TILE
	GLA1: 300mm X 50mm GLASS TILE, STACK BOND
	GLA2: 300mm X 50mm GLASS TILE, STACK BOND
	NEW HDPE FULL HEIGHT SHOWER PARTITIONS, TYP.
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

INTERIOR ELEVATIONS NOTES

1. MECHANICAL ACCESS HATCH FOR WASHROOMS AND SHOWER ROOMS NOT TO BE INSTALLED ON THE FEATURE WALL. GC TO COORDINATE WITH MECHANICAL SUBCONTRACTOR AND INFORM THE ARCHITECT. GC TO RECEIVE THE APPROVAL FROM THE ARCHITECT REGARDING THE LOCATION OF THE ACCESS HATCH BEFORE STARTING ANY MECHANICAL WORK.

2. GC IS RESPONSIBLE TO SUPPLY & INSTALL ±18 SOAP/SHAMPOO SHELVES BY SCHLUTER SYSTEMS TO ALL SHOWERS, TYP.

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
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8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
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6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
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3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
INTERIOR ELEVATIONS-
THIRD FLOOR WASHROOM

SHEET NO. A505

DRAWN BY CC.

CHECKED RN.

PROJECT NO.

SCALE AS NOTED

1 A510 INTERIOR ELEVATION KEY PLAN - GROUND FLOOR MILLWORKS
SCALE: 1:250

2 A510 INTERIOR ELEVATION KEY PLAN - THIRD FLOOR MILLWORKS
SCALE: 1:250

MILLWORK PLAN LEGEND

M-01	NEW MILLWORK AND BUILT-IN FURNITURE. SEE MILLWORK DRAWINGS FOR DETAILS.

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
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2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

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PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

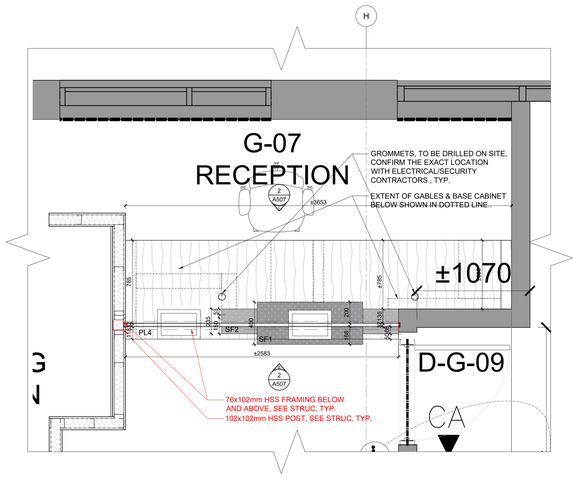
STRUCTURAL CONSULTANT
Stephenson Engineering

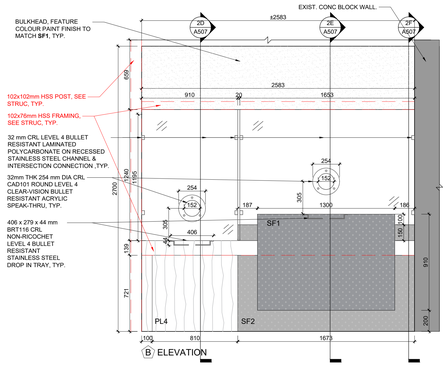
MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

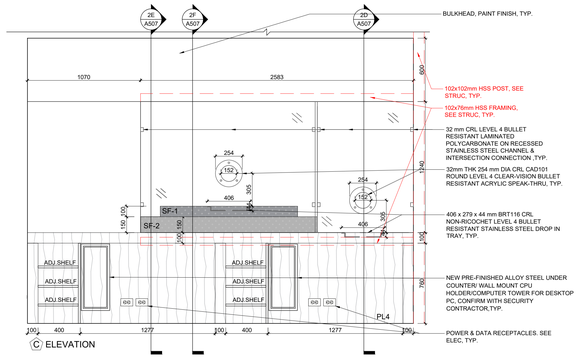
SHEET TITLE:
INTERIOR ELEVATIONS-
MILLWORK KEY PLANS

SHEET NO.	DRAWN BY	CHECKED
A506	CC	RN
	PROJECT NO. 2520797	
	SCALE AS NOTED	

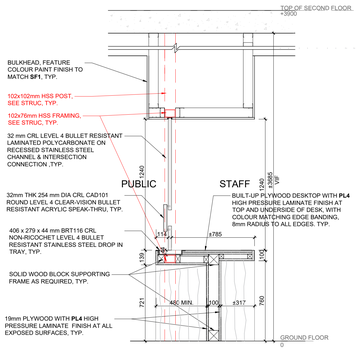




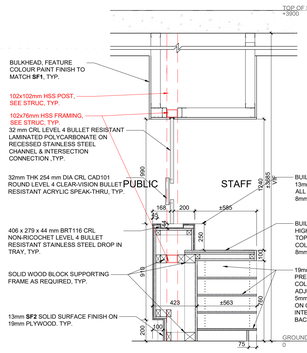
B ELEVATION



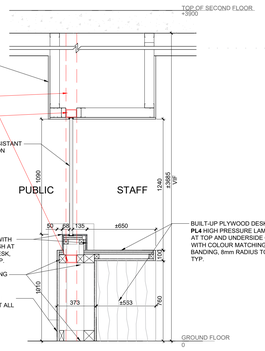
C ELEVATION



D SECTION



E SECTION

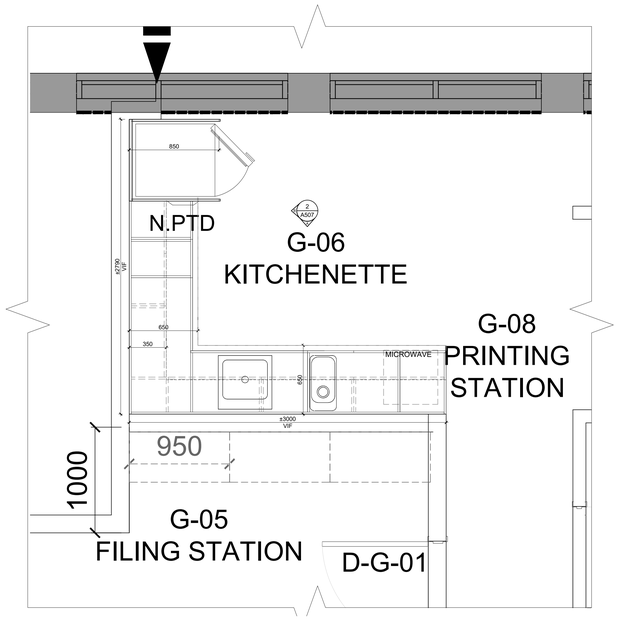


F SECTION

1 / A507 INTERIOR ELEVATION- GROUND FLOOR RECEPTION (G-07) / MILLWORK DETAILS M-01
SCALE: 1:20

MILLWORK LEGEND

PL4	**PL4:** HIGH PRESSURE LAMINATE FINISH- COLOUR 4
SF1	**SF1:** SOLID SURFACE- COLOUR 1
SF2	**SF2:** SOLID SURFACE- COLOUR 2
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL



2 / A507 INTERIOR ELEVATION- GROUND FLOOR KITCHENETTE (G-06) / MILLWORK DETAILS M-02
SCALE: 1:20

TYP. CONTRUCTION FOR ALL KITCHEN MILLWORK:

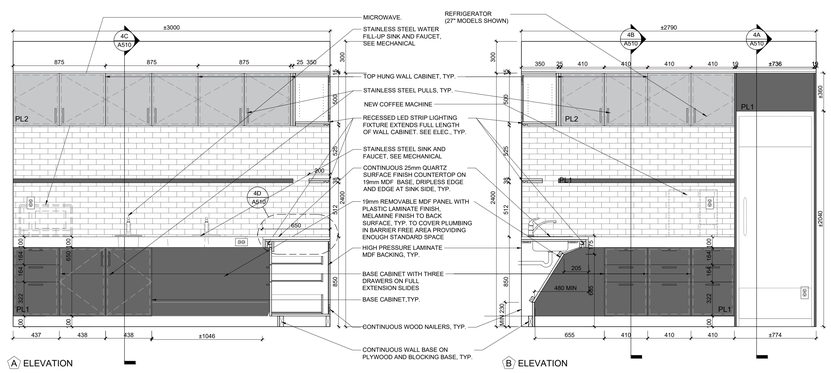
UPPER AND LOWER CABINET GABLES, APRONS, DOORS, AND DRAWER FRONTS, CONSTRUCTED OF 19mm MDF BOARD WITH HIGH PRESSURE LAMINATE FINISH TO ALL SURFACES, TYP.

6mm HIGH PRESSURE LAMINATE FINISH MELAMINE MDF BOARD BACKING ON CONTINUOUS WOOD NAILERS, TYP.

19mm MDF BOARD ADJUSTABLE SHELF WITH HIGH PRESSURE LAMINATE FINISH, SUPPORTED ON 5mm SHELF PINS. DRILL HOLES 25mm ON CENTRE, TYP. FOR ALL CABINETS

DRAWER SIDES CONSTRUCTED OF 13mm MDF BOARD, DRAWER BOTTOMS CONSTRUCTED OF 6mm PLYWOOD, HIGH PRESSURE LAMINATE FINISH, TYP.

COUNTERTOP CONSTRUCTED OF 25mm QUARTZ FINISH SUPPORTED ON 19mm MDF BOARD BACKING, TYP.



A ELEVATION

B ELEVATION

MILLWORK LEGEND

GLA1	**GLA1:** 300mm X 50mm GLASS BACKSPLASH TILE, RUNNING BOND
PL1	**PL1:** HIGH PRESSURE LAMINATE FINISH- COLOUR 1
PL2	**PL2:** HIGH PRESSURE LAMINATE FINISH- COLOUR 2
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

NO.	DESCRIPTION	DATE
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5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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NORTH

PROJECT

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
INTERIOR ELEVATIONS & MILLWORK DETAILS

SHEET NO.	DRAWN BY	CHECKED
A507	CC	RN

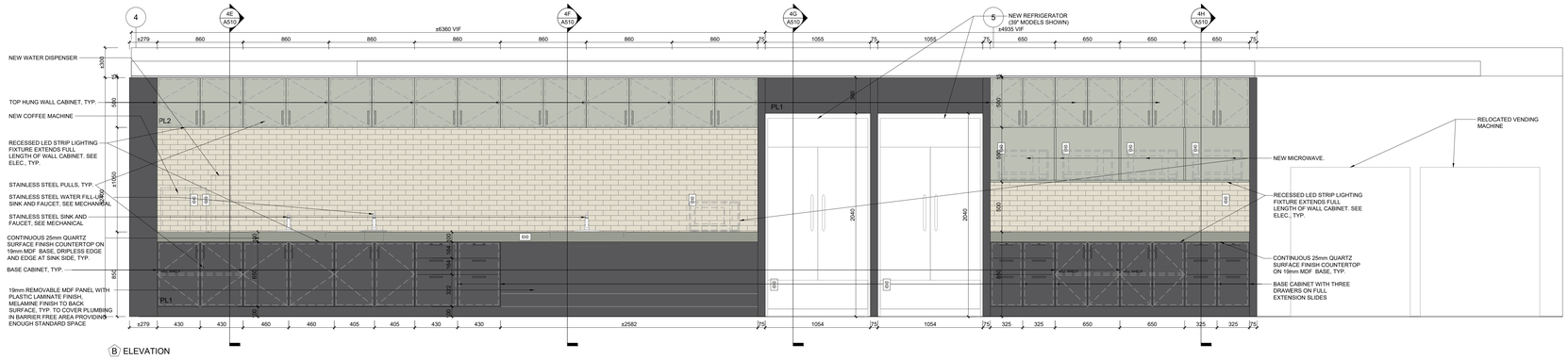
PROJECT NO.

SCALE: AS NOTED

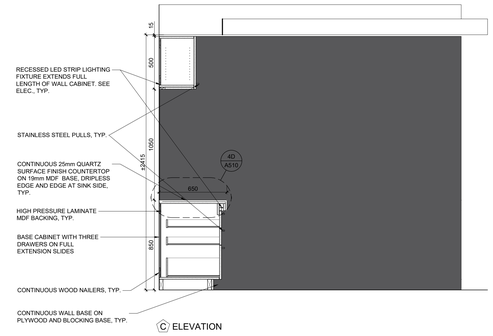
TYP. CONTRUCTION FOR ALL KITCHEN MILLWORK:
UPPER AND LOWER CABINET GABLES, APRONS, DOORS, AND DRAWER FRONTS, CONSTRUCTED OF 19mm MDF BOARD WITH HIGH PRESSURE LAMINATE FINISH TO ALL SURFACES, TYP.
6mm HIGH PRESSURE LAMINATE FINISH MELAMINE MDF BOARD BACKING ON CONTINUOUS WOOD NAILERS, TYP.
19mm MDF BOARD ADJUSTABLE SHELF WITH HIGH PRESSURE LAMINATE FINISH, SUPPORTED ON 5mm SHELF PINS. DRILL HOLES 25mm ON CENTRE, TYP. FOR ALL CABINETS
DRAWER SIDES CONSTRUCTED OF 13mm MDF BOARD, DRAWER BOTTOMS CONSTRUCTED OF 6mm PLYWOOD, HIGH PRESSURE LAMINATE FINISH, TYP.
COUNTERTOP CONSTRUCTED OF 25mm QUARTZ FINISH SUPPORTED ON 19mm MDF BOARD BACKING, TYP.

MILLWORK LEGEND

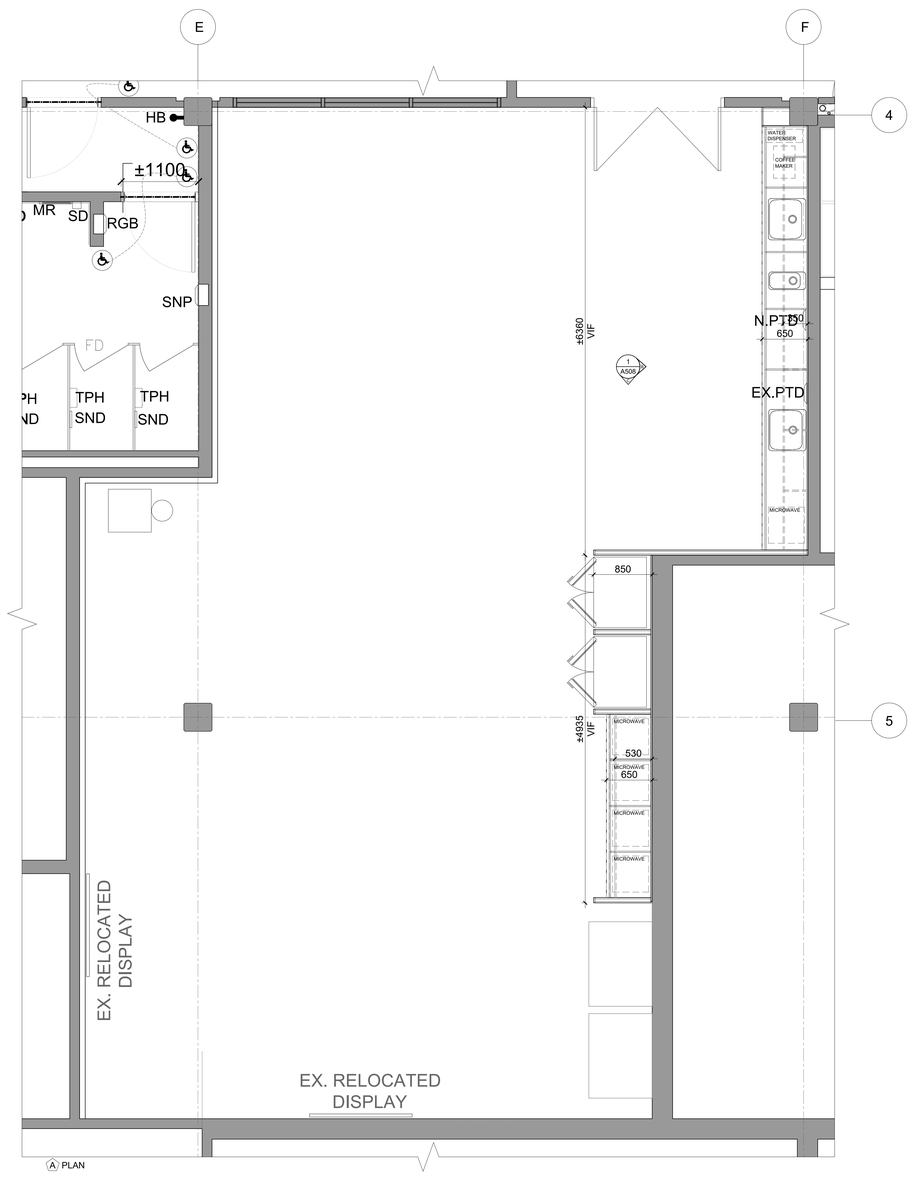
GLA1	**GLA1:** 300mm X 50mm GLASS BACKSPLASH TILE, RUNNING BOND
PL1	**PL1:** HIGH PRESSURE LAMINATE FINISH- COLOUR 1
PL2	**PL2:** HIGH PRESSURE LAMINATE FINISH- COLOUR 2
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL



B ELEVATION



C ELEVATION

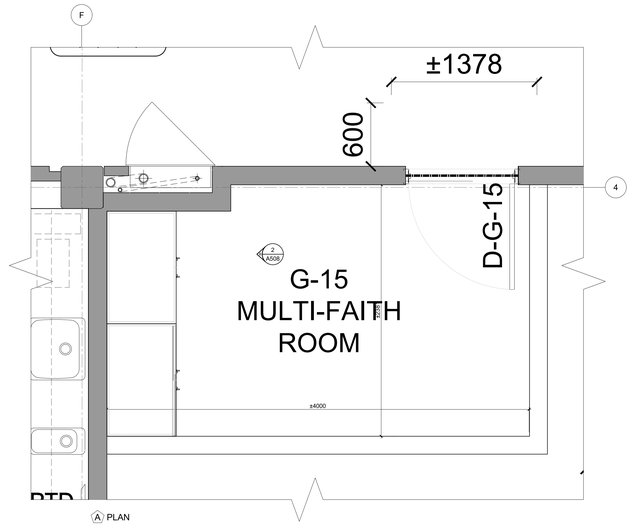


A PLAN

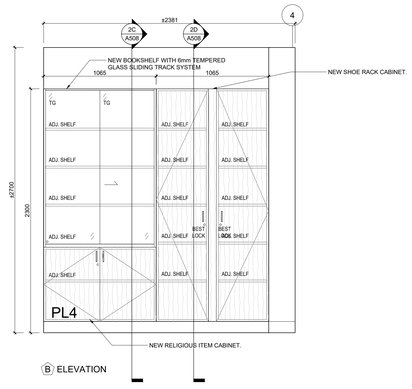
1 A508 INTERIOR ELEVATIONS- GROUND FLOOR LUNCH ROOM (1085) / MILLWORK DETAILS M-03
SCALE: 1:20

MILLWORK LEGEND

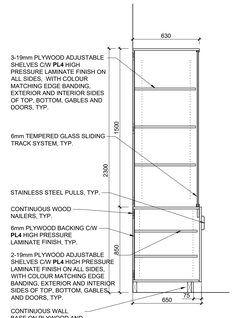
PL4	**PL4:** HIGH PRESSURE LAMINATE FINISH- COLOUR 4
SF1	**SF1:** SOLID SURFACE- COLOUR 1
SF2	**SF2:** SOLID SURFACE- COLOUR 2
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL



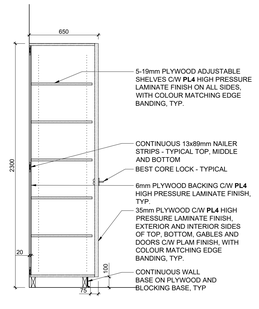
A PLAN



B ELEVATION



C SECTION



D SECTION

2 A508 INTERIOR ELEVATIONS- GROUND FLOOR MULTI-FAITH ROOM (G-14) / MILLWORK DETAILS M-04
SCALE: 1:20

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
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4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

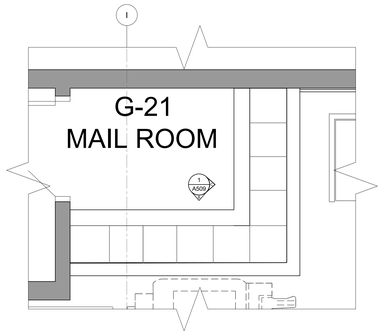
ELECTRICAL CONSULTANT
EXP Services Inc.

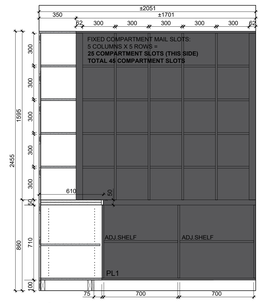
SHEET TITLE
INTERIOR ELEVATIONS & MILLWORK DETAILS

SHEET NO.	DRAWN BY	CHECKED
A508	CC	RN

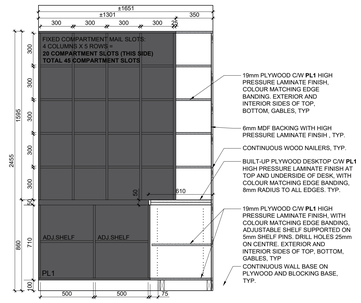
PROJECT NO.

SCALE
AS NOTED





B ELEVATION



C ELEVATION

19mm PLYWOOD C/W **PL1** HIGH PRESSURE LAMINATE FINISH, COLOUR MATCHING EDGE BANDING. EXTERIOR AND INTERIOR SIDES OF TOP, BOTTOM, GABLES, TYP

6mm MDF BACKING WITH HIGH PRESSURE LAMINATE FINSIH , TYP.

CONTINUOUS WOOD NAILERS, TYP.

BUILT-UP PLYWOOD DESKTOP C/W **PL1** HIGH PRESSURE LAMINATE FINISH AT TOP AND UNDERSIDE OF DESK, WITH COLOUR MATCHING EDGE BANDING, 8mm RADIUS TO ALL EDGES. TYP.

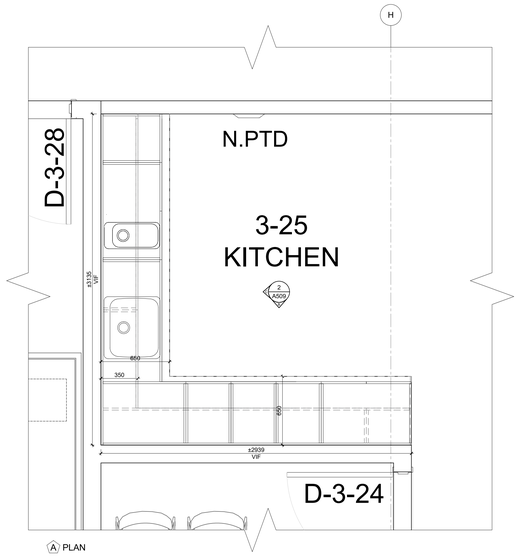
19mm PLYWOOD C/W **PL1** HIGH PRESSURE LAMINATE FINISH, WITH COLOUR MATCHING EDGE BANDING, ADJUSTABLE SHELF SUPPORTED ON 5mm SHELF PINS. DRILL HOLES 25mm ON CENTRE. EXTERIOR AND INTERIOR SIDES OF TOP, BOTTOM, GABLES, TYP.

CONTINUOUS WALL BASE ON PLYWOOD AND BLOCKING BASE, TYP.

1 A509 INTERIOR ELEVATION- MAIL ROOM (G-21) / MILLWORK DETAILS M-05
SCALE: 1:20

MILLWORK LEGEND

	GLA1: 300mm X 50mm GLASS BACKSPLASH TILE, RUNNING BOND
	PL1: HIGH PRESSURE LAMINATE FINISH- COLOUR 1
	PL2: HIGH PRESSURE LAMINATE FINISH- COLOUR 2
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL



A PLAN

TYP. CONTRUCTION FOR ALL KITCHEN MILLWORK:

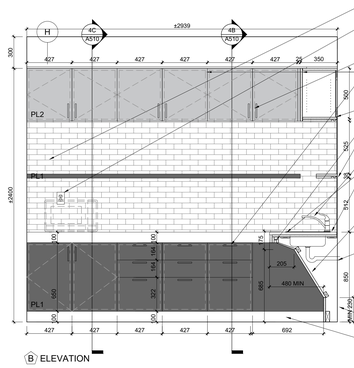
UPPER AND LOWER CABINET GABLES, APRONS, DOORS, AND DRAWER FRONTS, CONSTRUCTED OF 19mm MDF BOARD WITH HIGH PRESSURE LAMINATE FINISH TO ALL SURFACES, TYP.

6mm HIGH PRESSURE LAMINATE FINISH MDF BOARD BACKING ON CONTINUOUS WOOD NAILERS, TYP.

19mm MDF BOARD ADJUSTABLE SHELF WITH HIGH PRESSURE LAMINATE FINISH, SUPPORTED ON 5mm SHELF PINS. DRILL HOLES 25mm ON CENTRE, TYP. FOR ALL CABINETS

DRAWER SIDES CONSTRUCTED OF 13mm MDF BOARD, DRAWER BOTTOMS CONSTRUCTED OF 6mm PLYWOOD, HIGH PRESSURE LAMINATE FINISH, TYP.

COUNTERTOP CONSTRUCTED OF 25mm QUARTZ FINISH SUPPORTED ON 19mm MDF BOARD BACKING, TYP.



B ELEVATION

REFRIGERATOR (27" MODELS SHOWN)

MICROWAVE.

STAINLESS STEEL PULLS, TYP.

TOP HUNG WALL CABINET, TYP.

RECESSED LED STRIP LIGHTING FIXTURE EXTENDS FULL LENGTH OF WALL CABINET. SEE ELEC., TYP.

STAINLESS STEEL SINK AND FAUCET, SEE MECHANICAL.

CONTINUOUS 25mm QUARTZ SURFACE FINISH COUNTERTOP ON 19mm MDF BASE, DRIPLESS EDGE AND EDGE AT SINK SIDE, TYP.

19mm REMOVABLE MDF PANEL WITH PLASTIC LAMINATE FINISH, MELAMINE FINISH TO BACK SURFACE, TYP. TO COVER PLUMBING IN BARRIER FREE AREA PROVIDING ENOUGH STANDARD SPACE

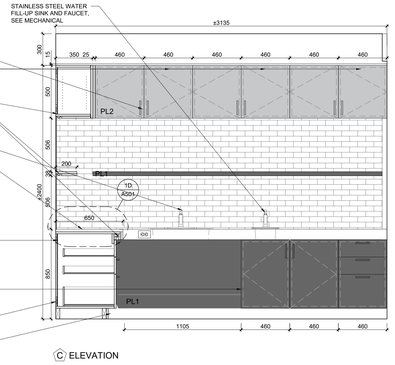
HIGH PRESSURE LAMINATE MDF BACKING, TYP.

BASE CABINET,TYP.

CONTINUOUS WOOD NAILERS, TYP.

CONTINUOUS WALL BASE ON PLYWOOD AND BLOCKING BASE, TYP.

STAINLESS STEEL WATER FILL-UP SINK AND FAUCET, SEE MECHANICAL.



C ELEVATION

2 A509 INTERIOR ELEVATION- KITCHENETTE (3-25) / MILLWORK DETAILS M-06
SCALE: 1:50

TYP. CONTRUCTION FOR ALL KITCHEN MILLWORK:

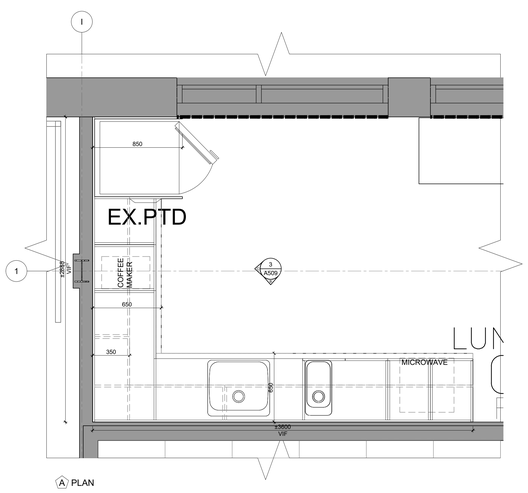
UPPER AND LOWER CABINET GABLES, APRONS, DOORS, AND DRAWER FRONTS, CONSTRUCTED OF 19mm MDF BOARD WITH HIGH PRESSURE LAMINATE FINISH TO ALL SURFACES, TYP.

6mm HIGH PRESSURE LAMINATE FINISH MELAMINE MDF BOARD BACKING ON CONTINUOUS WOOD NAILERS, TYP.

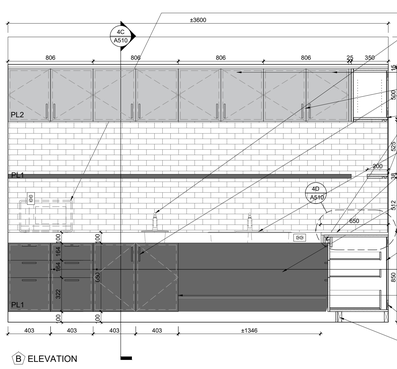
19mm MDF BOARD ADJUSTABLE SHELF WITH HIGH PRESSURE LAMINATE FINISH, SUPPORTED ON 5mm SHELF PINS. DRILL HOLES 25mm ON CENTRE, TYP. FOR ALL CABINETS

DRAWER SIDES CONSTRUCTED OF 13mm MDF BOARD, DRAWER BOTTOMS CONSTRUCTED OF 6mm PLYWOOD, HIGH PRESSURE LAMINATE FINISH, TYP.

COUNTERTOP CONSTRUCTED OF 25mm QUARTZ FINISH SUPPORTED ON 19mm MDF BOARD BACKING, TYP.



A PLAN



B ELEVATION

MICROWAVE.

STAINLESS STEEL WATER FILL-UP SINK AND FAUCET, SEE MECHANICAL

TOP HUNG WALL CABINET, TYP.

STAINLESS STEEL PULLS, TYP.

RECESSED LED STRIP LIGHTING FIXTURE EXTENDS FULL LENGTH OF WALL CABINET. SEE ELEC., TYP.

STAINLESS STEEL SINK AND FAUCET, SEE MECHANICAL

CONTINUOUS 25mm QUARTZ SURFACE FINISH COUNTERTOP ON 19mm MDF BASE, DRIPLESS EDGE AND EDGE AT SINK SIDE, TYP.

19mm REMOVABLE MDF PANEL WITH PLASTIC LAMINATE FINISH, MELAMINE FINISH TO BACK SURFACE, TYP. TO COVER PLUMBING IN BARRIER FREE AREA PROVIDING ENOUGH STANDARD SPACE

HIGH PRESSURE LAMINATE MDF BACKING, TYP.

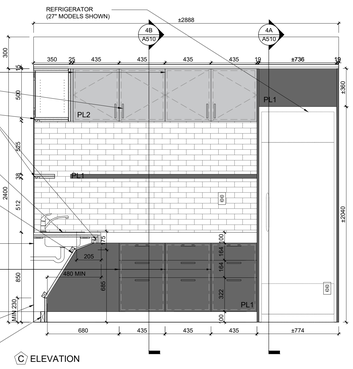
BASE CABINET WITH THREE DRAWERS ON FULL EXTENSION SLIDES

BASE CABINET,TYP.

CONTINUOUS WOOD NAILERS, TYP.

CONTINUOUS WALL BASE ON PLYWOOD AND BLOCKING BASE, TYP.

REFRIGERATOR (27" MODELS SHOWN)



C ELEVATION

3 A509 INTERIOR ELEVATION- LUNCH ROOM (3057) / MILLWORK DETAILS M-07
SCALE: 1:20

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
10.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.28
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report to the architect any discrepancies before proceeding with the professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE:
INTERIOR ELEVATIONS & MILLWORK DETAILS

SHEET NO. A509

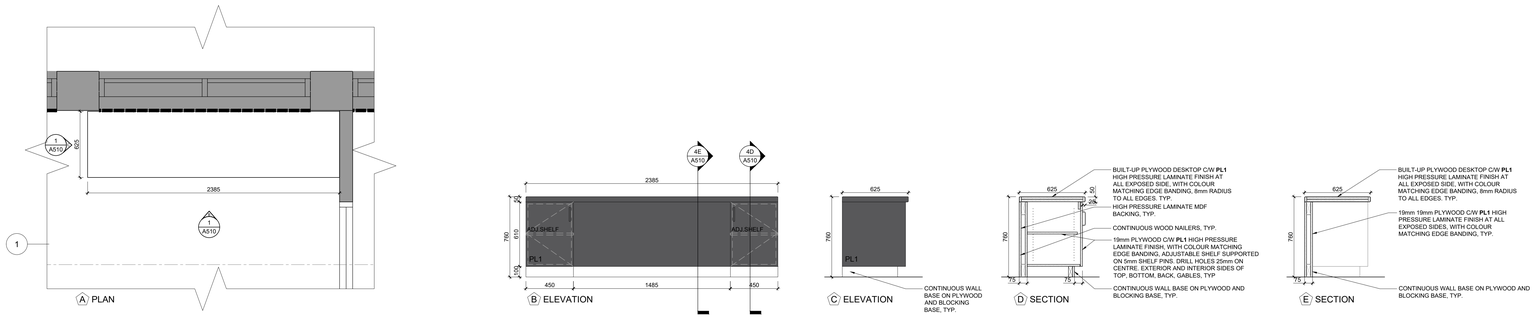
DRAWN BY CC

CHECKED RN

PROJECT NO.

SCALE AS NOTED

MILLWORK LEGEND	
	GLA1: 300mm X 50mm GLASS BACKSPLASH TILE, RUNNING BOND
	PL1: HIGH PRESSURE LAMINATE FINISH- COLOUR 1
	PL2: HIGH PRESSURE LAMINATE FINISH- COLOUR 2
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL

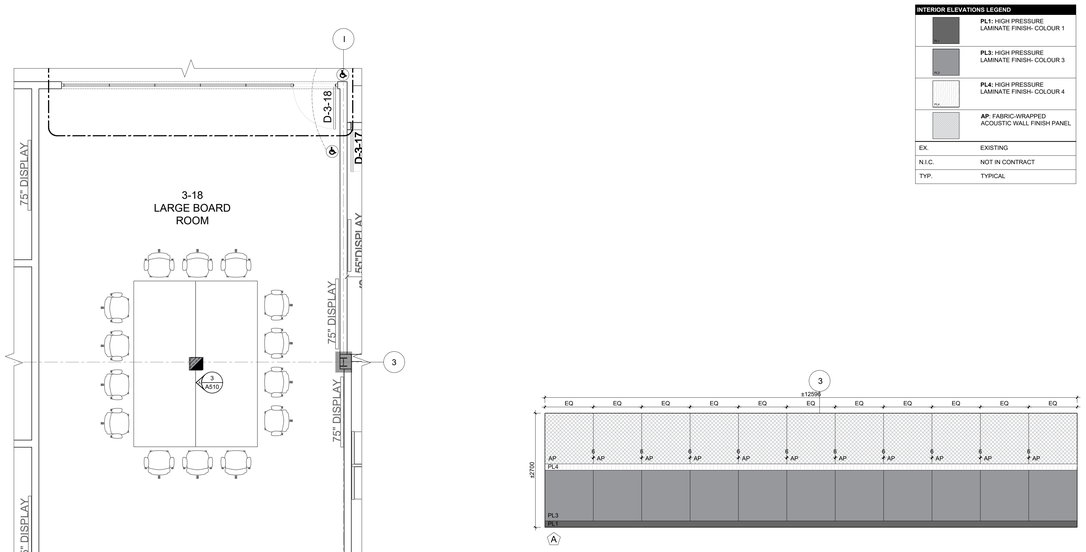


1 / A510 INTERIOR ELEVATION- LUNCH ROOM (3057) / MILLWORK DETAILS M-08
SCALE: 1:20

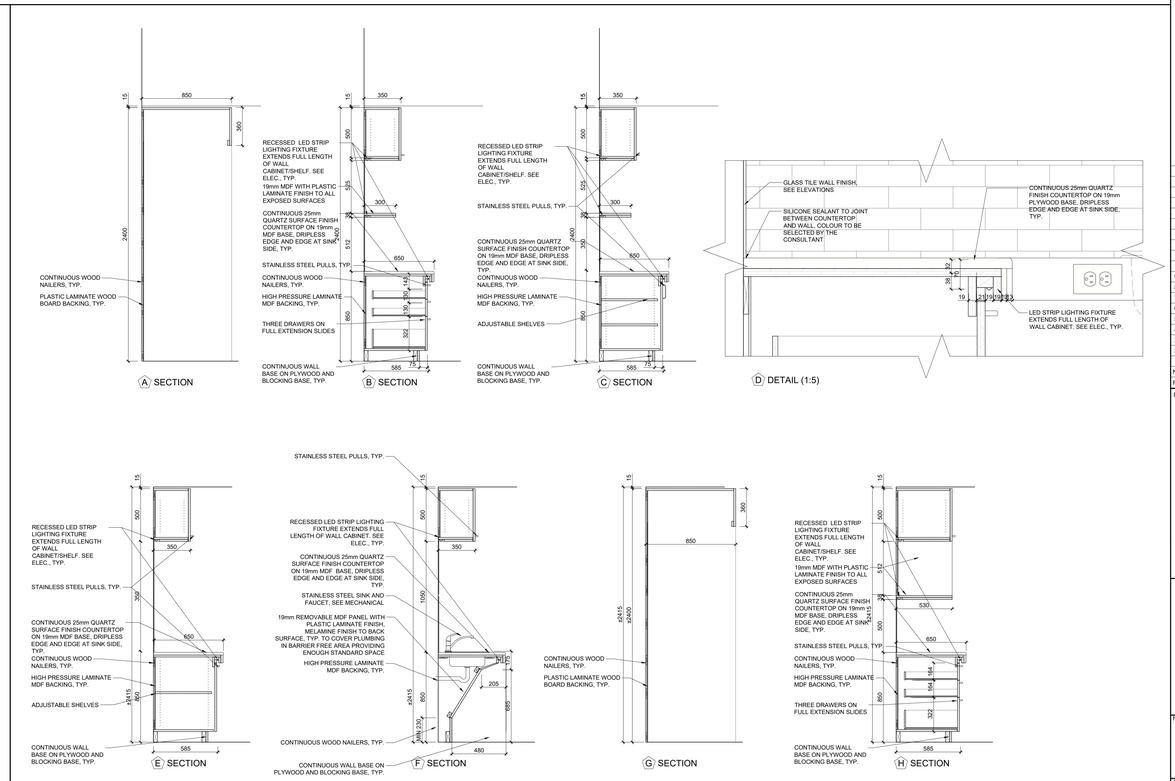
DELETED

2 / A510 INTERIOR ELEVATION- MAIL ROOM (3-06) / MILLWORK DETAILS M-09
SCALE: 1:20

INTERIOR ELEVATIONS LEGEND	
	PL1: HIGH PRESSURE LAMINATE FINISH- COLOUR 1
	PL3: HIGH PRESSURE LAMINATE FINISH- COLOUR 3
	PL4: HIGH PRESSURE LAMINATE FINISH- COLOUR 4
	AP: FABRIC-WRAPPED ACOUSTIC WALL FINISH PANEL
EX.	EXISTING
N.I.C.	NOT IN CONTRACT
TYP.	TYPICAL



3 / A510 INTERIOR ELEVATIONS- THIRD FLOOR LARGE BOARD ROOM
SCALE: 1:50



4 / A510 TYPICAL KITCHENETTE MILLWORK DETAILS
SCALE: 1:20

NO.	DESCRIPTION	DATE
12.	ISSUED FOR TENDER	2026.05.01
11.	ISSUED FOR BUILDING PERMIT	2026.04.08
10.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.28
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until signed and dated by the architect and the design professional affixed to this drawing and whose signature is below.

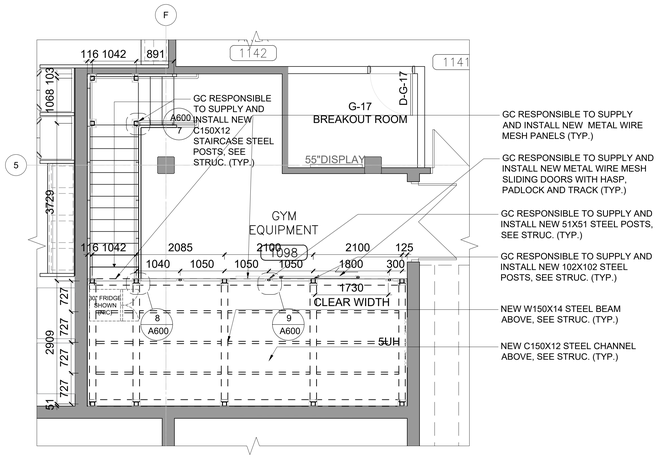
ISSUED FOR CONSTRUCTION DATE

NORTH

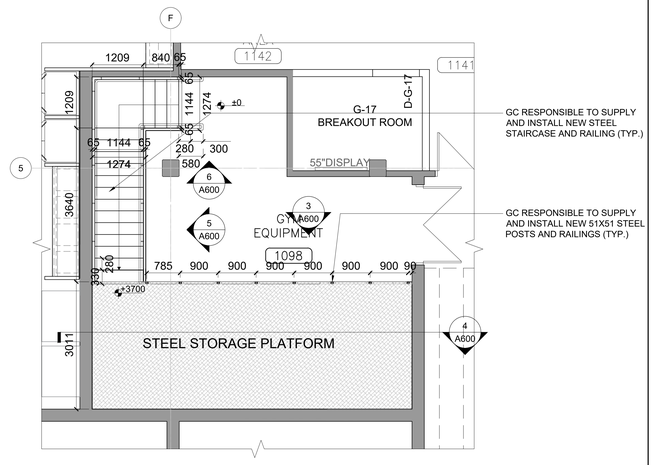
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
INTERIOR ELEVATIONS & MILLWORK DETAILS

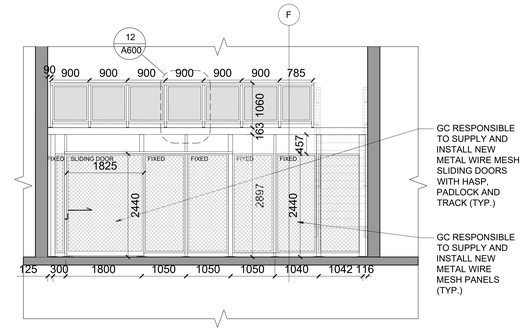
SHEET NO. A510
DRAWN BY CC
CHECKED RN
PROJECT NO.
SCALE AS NOTED



1 A600 PARTIAL GROUND FLOOR PLAN- FILE ROOM
SCALE: 1:50



2 A600 PARTIAL GROUND FLOOR MEZZANINE PLAN- STORAGE
SCALE: 1:50



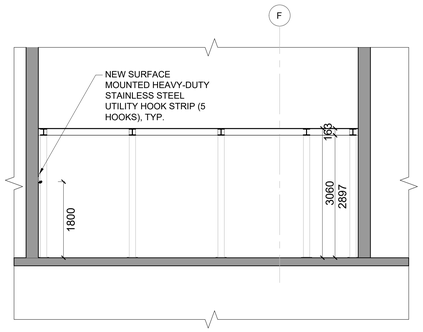
3 A600 STEEL MEZZANINE PLATFORM ELEVATION
SCALE: 1:50

NEW LEGEND

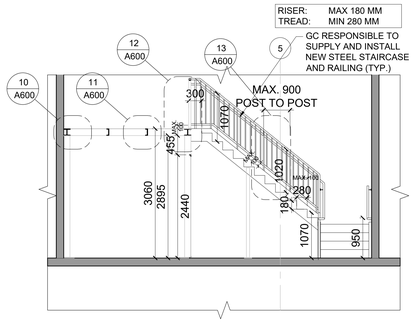
	EXISTING WALL OR PARTITION TO REMAIN, TYP.
	NEW PARTITION WALL, (SEE PARTITION TYPE), TYP.
	NEW DOOR, SEE DOOR SCHEDULE, TYP.
	NEW STEEL TUBE COLUMN, SEE STRUC, TYP
	NEW METAL CHECKER PLATE PLATFORM, TYP.
SUH	NEW SURFACE MOUNTED HEAVY-DUTY STAINLESS STEEL UTILITY HOOK STRIP (5 HOOKS)
EX.	EXISTING
M.G.A.T	MAKE GOOD AT ALL TRADES AT JUNCTIONS
TYP.	TYPICAL
VIF	VERIFY IN FIELD

NOTES

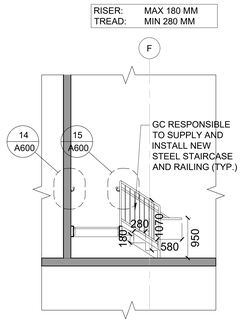
1. GC IS RESPONSIBLE TO SUBMIT ENGINEER STAMPED SHOP DRAWINGS OF STEEL STAIRCASE, STEEL MEZZANINE PLATFORM, SLIDING DOOR AND TRACK SYSTEM DETAILS FOR ARCHITECT & ENGINEER'S APPROVAL.



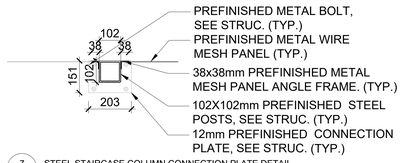
4 A600 STEEL MEZZANINE PLATFORM SECTION
SCALE: 1:50



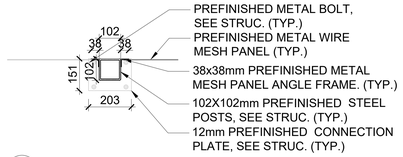
5 A600 STEEL STAIRCASE ELEVATION
SCALE: 1:50



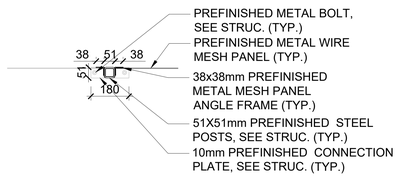
6 A600 STEEL STAIRCASE ELEVATION
SCALE: 1:50



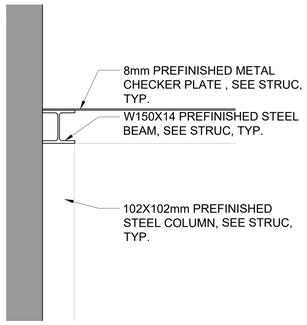
7 A600 STEEL STAIRCASE COLUMN CONNECTION PLATE DETAIL
SCALE: 1:10



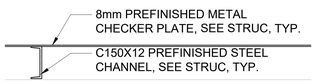
8 A600 STEEL PLATFORM STEEL POST CONNECTION PLATE DETAIL
SCALE: 1:10



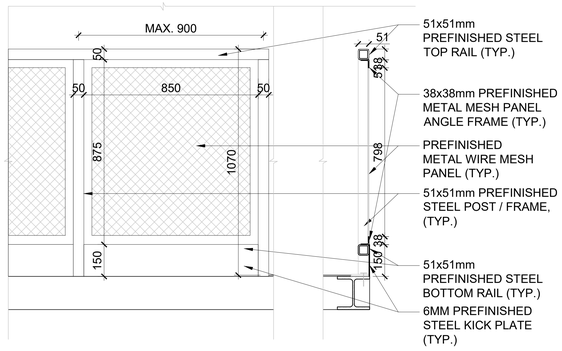
9 A600 STEEL PLATFORM STEEL POST CONNECTION PLATE DETAIL
SCALE: 1:10



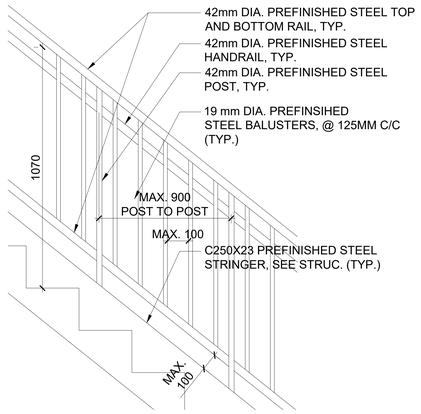
10 A600 STEEL PLATFORM DETAIL
SCALE: 1:10



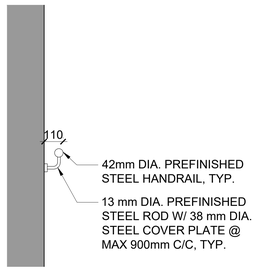
11 A600 STEEL PLATFORM DETAIL
SCALE: 1:10



12 A600 PLATFORM RAILING DETAIL
SCALE: 1:10



13 A600 STEEL STAIRCASE RAILING & HANDRAIL DETAIL
SCALE: 1:10



14 A600 STEEL STAIRCASE HANDRAIL DETAIL
SCALE: 1:10

15 A600 STEEL STAIRCASE HANDRAIL DETAIL
SCALE: 1:10

NO.	DESCRIPTION	DATE
14.	ISSUED FOR TENDER	2026.05.01
13.	ISSUED FOR BUILDING PERMIT	2026.04.08
12.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
11.	ISSUED FOR 95% CLIENT REVIEW	2026.01.09
10.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.28
9.	ISSUED FOR CLIENT REVIEW	2025.10.20
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
STEEL PLATFORM & STAIRCASE DETAILS

SHEET NO:	DRAWN BY	CHECKED
A600	CC	RN
	PROJECT NO. 2520797	
	SCALE: AS NOTED	

DOOR SCHEDULE

DOOR NUMBER	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MAT.	DOOR FINISH	FRAME TYPE	FRAME MAT.	FRAME FINISH	FIRE RATING	STC RATING	NOTES
D-G-01	UNIFORM RECRUITING	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-01a	UNIFORM RECRUITING	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-01b	ELECTRICAL CLOSET	2X±(2134mm x 875mm)	A	HM	PT	2	HM	PT	-	-	
D-G-01c	UNIFORM RECRUITING	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-02	INSPECTOR - I	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-03	STAFF SERGEANT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-04	STAFF SERGEANT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-09	WAITING AREA	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	-	ADO
D-G-09a	WAITING AREA	2134mm x 965mm	B	WD	ST	1	HM	PT	-	-	
D-G-10	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-11	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-12	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-13	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-15	MULTI-FAITH ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	
D-G-17	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-18	HEALTH ROOM	2134mm x 965mm	A	HM	PT	1	HM	PT	-	55	
D-G-19	TREATMENT ROOM	2134mm x 965mm	B	WD	PT	1	HM	PT	-	55	
D-G-20	RECRUITER TALENT ACQUISITION	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-20a	ELECTRICAL CLOSET	2X±(2134mm x 875mm)	A	HM	PT	2	HM	PT	-	-	
D-G-22	SUPERVISOR CIVILIAN RECRUITING & EMPLOYMENT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-23	TEST ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-23a	TEST ROOM	2134mm x 965mm	D	WD	ST	1	HM	PT	-	55	
D-G-24	TEST ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-G-24a	TEST ROOM	2134mm x 965mm	D	WD	ST	1	HM	PT	-	55	
D-G-1092	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	45 min	-	ADO
D-G-1092a	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	45 min	-	ADO
D-G-1093	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	45 min	-	ADO
D-G-1093a	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	45 min	-	ADO
D-G-1137	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-G-1137A	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-G-1138	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-G-1138A	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-01	COMMERCIAL AUTO CRIME	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-2-02	OFFICE	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-2-2125	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2125a	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2126	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2126a	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2136	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2136a	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2137	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-2-2137a	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-01	COVERT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-02	WARP	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-03a	CORRIDOR	2134mm x 965mm	C	HM	PT	1	HM	PT	45 min	-	ADO,SMOKE SEALED
D-3-04	SUPERINTENDENT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-05	MEDIUM BOARD ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-06	MAIL ROOM	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	
D-3-07	INSPECTOR	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-08	INSPECTOR	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-09	D/S OFFICE	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-10	D/S OFFICE	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-11	D/S OFFICE	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-13	CORRIDOR	2134mm x 965mm	C	HM	PT	1	HM	PT	-	-	ADO
D-3-15	ISS	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-16	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-17	AFU	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-18	LARGE BOARD ROOM	2134mm x 965mm	DP	-	-	DP	-	-	-	49	DEMOUNTABLE PARTITION,REFER TO 4/A700,ADO
D-3-18a	LARGE BOARD ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	ADO ,SMOKE SEALED
D-3-19	PROJECT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	SMOKE SEALED
D-3-20	PROJECT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	SMOKE SEALED
D-3-21	PROJECT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	,SMOKE SEALED
D-3-22	CORRIDOR	2134mm x 965mm	C	HM	PT	1	HM	PT	45 min	-	ADO,SMOKE SEALED
D-3-23	PROJECT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	SMOKE SEALED
D-3-24	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	SMOKE SEALED
D-3-26	CORRIDOR	2134mm x 965mm	C	HM	PT	1	HM	PT	45 min	-	ADO,MAGLOCK
D-3-26a	CORRIDOR	2134mm x 965mm	C	HM	PT	1	HM	PT	-	-	ADO
D-3-28	INVESTIGATIVE SUPPORT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-29	CORRIDOR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO,SMOKE SEALED
D-3-30	MAJOR PROJECT	2134mm x 965mm	B	WD	ST	1	HM	PT	45 min	55	
D-3-31	D/S OFFICE	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-32	TECH. A.U.	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-33	ANALYST	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-34	MSS	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-35	BREAKOUT ROOM	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-36	CODE,CYBER	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	,ADO
D-3-38	GANGS/INTEL	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-38a	CIVILIAN SUPPORT	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-40	ORGANIZED CRIME	2134mm x 965mm	B	WD	ST	1	HM	PT	-	55	
D-3-3056	SECURE WEAPON STORAGE	2134mm x 965mm	A	HM	PT	1	HM	PT	45 min	-	-
D-3-3082	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3083	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3085	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3086	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3090	WOMEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3091	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3092	VESTIBULE	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO
D-3-3093	MEN'S WR	2134mm x 965mm	A	HM	PT	1	HM	PT	-	-	ADO

1 A700 DOOR & FRAME SCHEDULE
SCALE: N.T.S.

DOOR & WINDOW SCHEDULE LEGEND

ADO	AUTOMATIC DOOR OPERATOR
MATERIAL	
WD	SOLID WOOD
HM	HOLLOW METAL
TG	TEMPERED GLASS
FL	FIRELITE GLASS FOR FIRE RATED DOORS
DP	DEMOUNTABLE PARTITION
FINISH	
PT	PAINT FINISH(COLOR TO BE CONFIRMED BY OWNER)
ST	WOOD STAIN FINISH(COLOR TO BE CONFIRMED BY OWNER)

GENERAL NOTES

1. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PREPARING THE SHOP DRAWINGS RECONFIRM THERE IS ENOUGH ROOM ON THE EXISTING WALL TO ACCOMMODATE THE SPECIFIED DOOR SIZE.

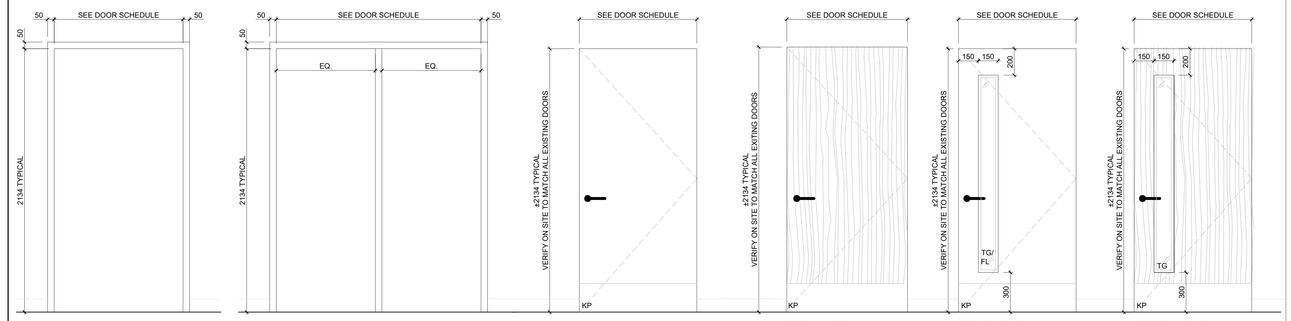
2. FOR ALL STC RATED DOOR REFER TO STRUCTURAL DETAIL 1,2,3,4/S1 FOR FRAMING SUPPORT. FOR ALL STC RATED DOORS THAT WILL BE INSTALLED ON EXISTING DRYWALL, GC TO DEMOLISH EXISTING DRYWALL,CEILING TO ACCOMMODATE ALL REQUIRED STRUCTURAL SUPPORT. PATCH, REPAIR AND PAINT FINISH ALL SURFACES AFTER INSTALLATION.

3. ALL ± DIMENSIONS TO BE VERIFIED ON SITE TO MATCH EXISTING.

4. ALL STC RATED DOORS TO HAVE DROP SEAL.REFER TO A201. TYP.

5. REFER TO DETAIL 5/A203 FOR TYPICAL STC RATED DOOR ACOUSTIC SEAL DETAILS (STC55)

6. FOR ADO LOCATIONS REFER TO FLOOR PLANS. THIS DRAWING SHOULD BE REVIEWED ALONG WITH FLOOR PLANS.



FRAME TYPE 1
HOLLOW METAL FRAME

FRAME TYPE 2
HOLLOW METAL FRAME

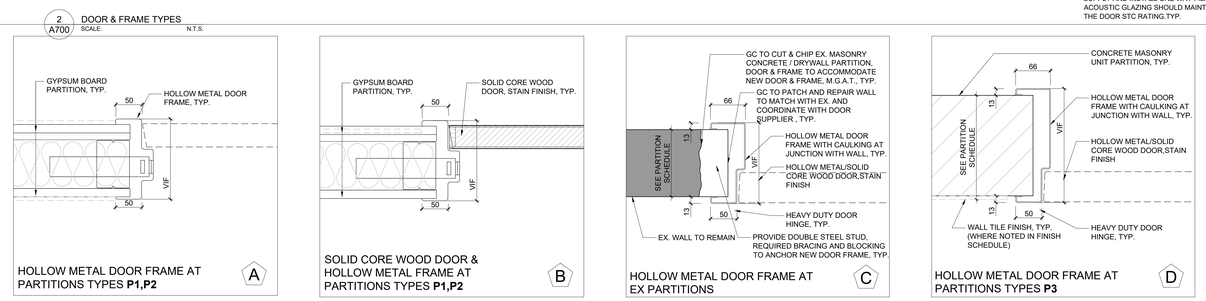
DOOR TYPE A
HOLLOW METAL DOOR

DOOR TYPE B
SOLID CORE WOOD DOOR.

DOOR TYPE C
HOLLOW METAL DOOR

DOOR TYPE D
SOLID CORE WOOD DOOR WITH DOUBLE GLAZED ACOUSTIC VISION PANEL SUPPLY AND INSTALL ONE WAY FILM. ACOUSTIC GLAZING SHOULD MAINTAIN THE DOOR STC RATING.TYP.

2 A700 DOOR & FRAME TYPES
SCALE: N.T.S.

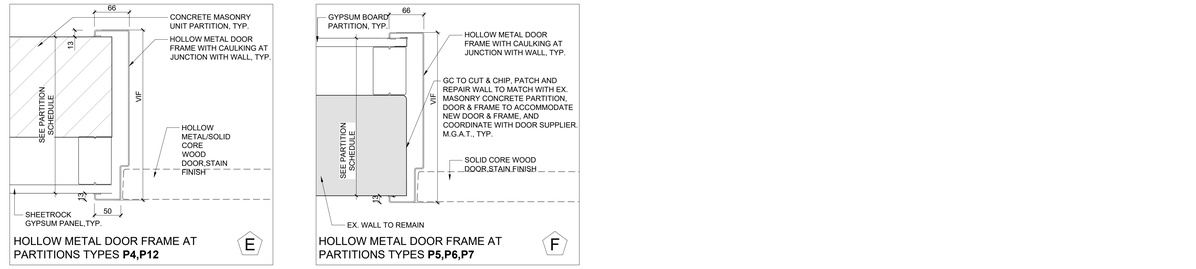


HOLLOW METAL DOOR FRAME AT PARTITIONS TYPES **P1,P2** (A)

SOLID CORE WOOD DOOR & HOLLOW METAL FRAME AT PARTITIONS TYPES **P1,P2** (B)

HOLLOW METAL DOOR FRAME AT EX PARTITIONS (C)

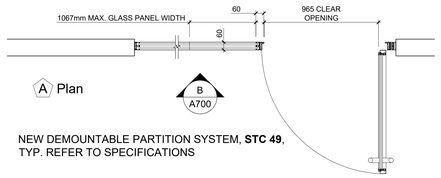
HOLLOW METAL DOOR FRAME AT PARTITIONS TYPES **P3** (D)



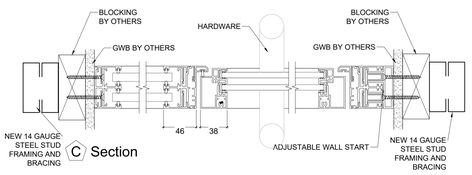
HOLLOW METAL DOOR FRAME AT PARTITIONS TYPES **P4,P12** (E)

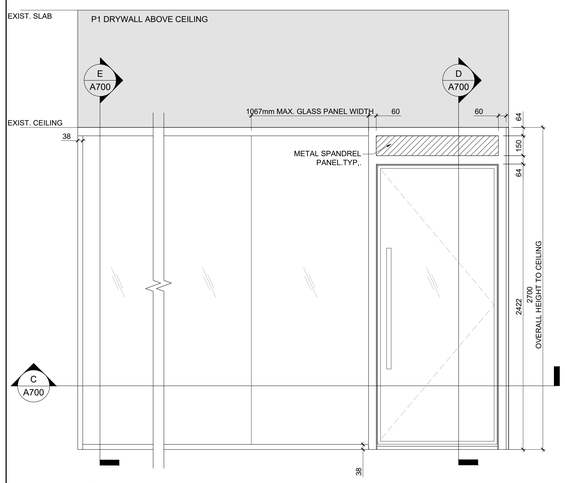
HOLLOW METAL DOOR FRAME AT PARTITIONS TYPES **P5,P6,P7** (F)

3 A700 TYPICAL FRAME DETAILS
SCALE: N.T.S.

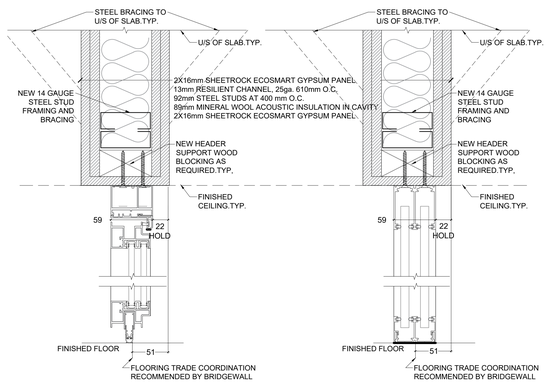


NEW DEMOUNTABLE PARTITION SYSTEM, **STC 49**, TYP. REFER TO SPECIFICATIONS





B Elevation



D Section E Section

4 A700 DEMOUNTABLE PARTITION & GLAZED DOOR DETAILS -STC 49
SCALE: N.T.S.

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until signed and sealed by the architect and the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
DOOR & FRAME SCHEDULE

SHEET NO. A700
DRAWN BY MM
CHECKED RN
PROJECT NO.
SCALE AS NOTED

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING			NOTES
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
BASEMENT FLOOR																	
B0103A	VESTIBUL	EX	-	EX	-	EX	PT	EX	PT	EX	PT	EX	PT	EX	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
B0104	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT/GWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
B0105	MEN'S SHOWERS	PCT	-	PTB	-	CB/EX	PWT/GWT	CB/EX	PWT	CB/EX	PWT	CB/EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
B0106A	VESTIBUL	EX	-	EX	-	EX	PT	EX	PT	EX	PT	EX	PT	EX	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
B0107	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT/GWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
B0108	WOMEN'S SHOWERS	PCT	-	PTB	-	CB/EX	PWT/GWT	CB/EX	PWT	CB/EX	PWT/GWT	CB/EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
B0131	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT/GWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
B0132	WOMEN'S SHOWERS	PCT	-	PTB	-	CB	PWT/GWT	CB	PWT	CB	PWT	CB	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
B0138	MEN'S SHOWERS	PCT	-	PTB	-	CB	PWT/GWT	CB	PWT	CB	PWT/GWT	CB	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
B0139	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
GROUND FLOOR																	
G-01	UNIFORM RECRUITING	CPT	-	RB	-	GB	PT	GB/EX	PT	EX/GB	PT	EX	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-02	INSPECTOR - I	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-03	STAFF SERGEANT	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-04	STAFF SERGEANT	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-05	FILING STATION	CPT	-	RB	-	GB	PT	GB	PT	EX	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-06	KITCHENETTE	LVT	-	RB	-	EX	PT	GB	PT	GB	PT/CT	GB	PT/CT	WGB/ACT	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-07	RECEPTION	LVT	-	RB	-	EX	PT	EX	PT	EX	PT	GB	PT	ACT/GB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-08	PRINTING STATION	LVT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT/GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-09	WAITING AREA	LVT	-	RB	-	EX/GB	PT	EX	PT	GB	PT	GB	PT	ACT/GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-10	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	EX	PT	GB	PT	GB	PT	GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-11	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	EX	PT	GB	PT	GB	PT	GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-12	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	EX	PT	GB	PT	GB	PT	GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-13	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	EX	PT	EX	PT	GB	PT	GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-14	CORRIDOR	CPT	-	RB	-	EX	PT	GB	PT	EX	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-15	MULTI-FAITH ROOM	LVT	-	RB	-	EX	PT	GB	PT	GB	PT	EX	PT	GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-16	FITNESS UNIT	CPT	-	RB	-	EX/GB	PT	EX	PT	EX/GB	PT	EX/GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-17	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	GB	PT	EX	PT	EX	PT	GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-18	HEALTH ROOM	SV	-	RB	-	GB	PT	EX	PT	EX	PT	EX/GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-19	TREATMENT ROOM	SV	-	RB	-	EX	PT	EX	PT	GB	PT	EX	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-20	RECRUITER TALENT ACQUISITION	CPT	-	RB	-	EX/GB	PT	EX	PT	GB	PT	EX	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-21	MAIL ROOM	LVT	-	RB	-	EX	PT	GB	PT	GB	PT	EX	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-22(a,b)	SUPERVISOR CIVILIAN RECRUITING & EMPLOYMENT	CPT	-	RB	-	EX/GB	PT	EX/GB	PT	EX	PT	EX/GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-23	TEST ROOM	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
G-24	TEST ROOM	CPT	-	RB	-	GB	PT	EX	PT	GB	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
1092	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
1093	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT/GWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
1095	LUNCH ROOM	LVT	-	RB	-	EX	PT	EX	PT/CT	EX	PT	EX	PT	ACT/GB	PT	±2700	VARIES REFER TO RCP
1096	KITCHENETTE	LVT	-	RB	-	EX	PT	EX	PT/CT	EX	PT	EX	PT	ACT/GB	PT	±2700	VARIES REFER TO RCP
1098	GYM EQUIPMENT	EX*	-	PTB	-	EX	PT	EX	PT	EX	PT	EX	PT	EX	-	-	* PATCH AND REPAIR CONCRETE TO MATCH EXISTING. M.G.A.T, TYP. CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
1137A	VESTIBUL	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
1137	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
1138	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
1177	PUBLIC WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
SECOND FLOOR																	
2-01	COMMERCIAL AUTO CRIME	PCT	-	RB	-	EX	PT	EX/GB	PT	EX/CBW/GB	PT	EX	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2-02	OFFICE	PCT	-	RB	-	GB	PT	EX	PT	EX	PT	GB	PT	ACT	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2124	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2125A	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2125	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT/GWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
2126	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT/GWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
2133	VESTIBUL	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2134	KID'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2135	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
2136	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
2137	MEN'S WASHROOM	PCT	-	PTB	-	WGB	PWT	EX	PWT/GWT	EX	PWT	WGB	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
THIRD FLOOR																	
3-01	COVERT	CPT	-	RB	-	EX	PT	EX	PT	EX	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-02	WARP	CPT	-	RB	-	EX	PT	EX	PT	EX	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-03	CORRIDOR	CPT	-	RB	-	EX/CBW	PT	EX	PT	EX	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-03a	CORRIDOR	CPT	-	RB	-	EX	PT	EX/GB	PT	-	-	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-04	SUPERINTENDENT	CPT	-	RB	-	GB	PT	EX	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-05	MEDIUM BOARD ROOM	CPT	-	RB	-	GB	PT	GB	PT	EX	PT	GB	PT	ACT/GB	PT	±2710/±2400	
3-06	MAIL ROOM	LVT	-	RB	-	EX/GB	PT	EX	PT	EX	PT	EX/GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-07	INSPECTOR	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-08	INSPECTOR	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-09	D/S OFFICE	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-10	D/S OFFICE	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-11	D/S OFFICE	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-12	ADMIN	CPT	-	RB	-	GB	PT	GB	PT	-	-	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-13	CORRIDOR	CPT	-	RB	-	GB	PT	GB	PT	EX/GB	PT	EX/GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-14	CORRIDOR	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-15	ISS	CPT	-	RB	-	GB	PT	EX	PT	EX	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-16	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	GB	PT	EX	PT	GB	PT	GB	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-17	AFU	CPT	-	RB	-	GB	PT	GB	PT	EX	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-18	LARGE BOARD ROOM	CPT	-	RB	-	GB/DMP	PT	GB	PT	EX	PT	GB	AP/HPL	ACT/GB	PT	±2710/±2400	
3-19	PROJECT ROOM	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-20	PROJECT ROOM	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-21	PROJECT ROOM	CPT	-	RB	-	GB	PT	GB	PT	EX	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-22	CORRIDOR	CPT	-	RB	-	GB	PT	GB	PT	-	-	EX/GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-23	PROJECT ROOM	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-24	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	GB	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-25	KITCHEN	LVT	-	RB	-	GB	PT	GB	PT	GB	PT/CT	GB	PT/CT	ACT/GB	-	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-26	CORRIDOR	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-27	DELETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DELETED
3-28	INVESTIGATIVE SUPPORT	CPT	-	RB	-	EX/GB	PT	GB	PT	EX/GB	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-29	CORRIDOR	CPT	-	RB	-	GB	PT	EX	PT	EX	PT	-	-	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-30	MAJOR PROJECTS	CPT	-	RB	-	EX/GB	PT	GB	PT	EX/GB	PT	EX/GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-31	D/S OFFICE	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-32	TECH.A.U.	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-33	ANALYST	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-34	MISS	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-35	BREAKOUT ROOM	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	GB	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-36	CODE/CYBER	CPT	-	RB	-	EX	PT	EX/GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-37	CORRIDOR	CPT	-	RB	-	EX	PT	GB	PT	-	-	EX/GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-38	GANGS/INTEL	CPT	-	RB	-	EX	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-38a	CIVILIAN SUPPORT	CPT	-	RB	-	GB	PT	GB	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-39	CORRIDOR	CPT	-	RB	-	GB	PT	EX	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3-40	ORGANIZED CRIME	CPT	-	RB	-	EX	PT	EX	PT	GB	PT	GB	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3056	SECURE WEAPON STORAGE	SV	-	RB	-	EX	PT	EX	PT	EX	PT	EX	PT	ACT	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3057	LUNCH ROOM	LVT	-	RB	-	EX	PT	EX	PT	EX	PT/CT	EX	PT/CT	ACT/GB	-	±2710	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3082	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3083	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
3084	WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3085	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3086	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
3089	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3090	WOMEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT/GWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS
3091	WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT/GWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3092	VESTIBULE	PCT	-	PTB	-	EX	PWT	EX	PWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT
3093	MEN'S WASHROOM	PCT	-	PTB	-	EX	PWT	EX	PWT/GWT	EX	PWT	EX	PWT	WGB	PT	±2700	CEILING HEIGHT TO MATCH THE EXISTING CEILING HEIGHT HIGH DENSITY POLYETHYLENE (HDPE) TOILET PARTITIONS

1/A800 ROOM FINISH SCHEDULE
SCALE: N.T.S.

ROOM FINISH SCHEDULE LEGEND

MATERIAL	
ACT	SUSPENDED ACOUSTIC TILE CEILING
CB	CEMENT BOARD
CBW	CONCRETE BLOCK WALL
CPT	CARPET TILE
CWT	CERAMIC WALL TILE
DMP	DEMOUNTABLE PARTITION
GB	GYPSUM BOARD
PCT	PORCELAIN TILE
PTB	PORCELAIN TILE BASE
PWT	PORCELAIN WALL TILE
RB	RUBBER BASE, 100mm HIGH , REVEAL PROFILE
SV	SHEET VINYL FLOORING
LVT	LUXURY VINYL TILE
WGB	WATER RESISTANT GYPSUM BOARD CEILING
WP	WOOD PANEL

ROOM FINISH SCHEDULE LEGEND

FINISH	
AP	ACOUSTICAL PANELS
HPL	HIGH PRESSURE LAMINATE PANEL
PT	PAINT FINISH, TYPE 01 & 02
ST	WOOD STAIN FINSH
TWP	TECTUM WALL PANELS
GWT	GLASS WALL TILE

GENERAL NOTES

1. FOR THE LOCATION OF GLASS WALL TILES REFER TO INTERIOR ELEVATIONS.
2. GC TO REVIEW THIS DRAWING ALONG WITH FLOOR FINISH/WALL FINISH PLANS & REFLECTED CEILING PLANS.
3. FOR THE PAINTING SCOPE, REFER TO WALL FINISH PLANS.

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

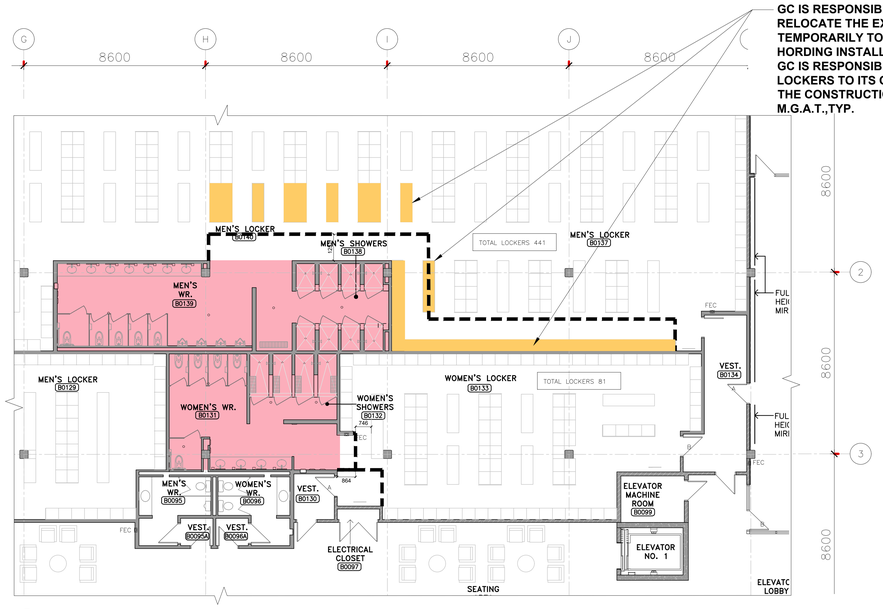
NORTH
PROJECT NORTH

STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

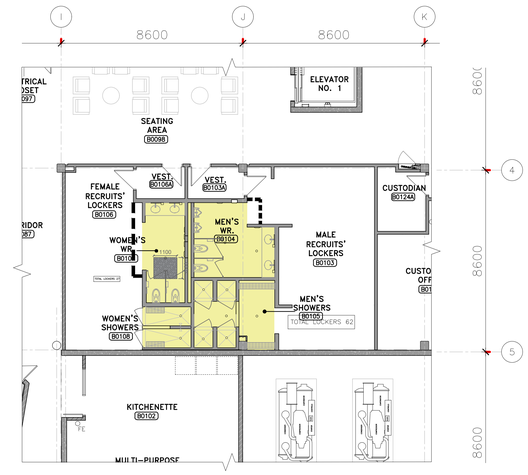
SHEET TITLE: ROOM FINISH SCHEDULE

SHEET NO.: A800
DRAWN BY: MM
CHECKED: RN
PROJECT NO.:
SCALE: AS NOTED

GC IS RESPONSIBLE TO REMOVE AND RELOCATE THE EXISTING LOCKERS TEMPORARILY TO ACCOMMODATE THE HORDING INSTALLATION.
GC IS RESPONSIBLE TO RELOCATE EXISTING LOCKERS TO ITS ORIGINAL LOCATION ONCE THE CONSTRUCTION IS COMPLETE.
M.G.A.T.,TYP.



1 A900 PHASING PLAN - BASEMENT FLOOR (B0131,B0132,B0138,B0139)
SCALE: 1:100



2 A900 PHASING PLAN - BASEMENT FLOOR (B0104,B0105,B0106,B0107)
SCALE: 1:100

PHASE 1 - APPROXIMATELY 24 WEEKS (INCLUDING 14 WEEKS FOR FURNITURE DELIVERY)

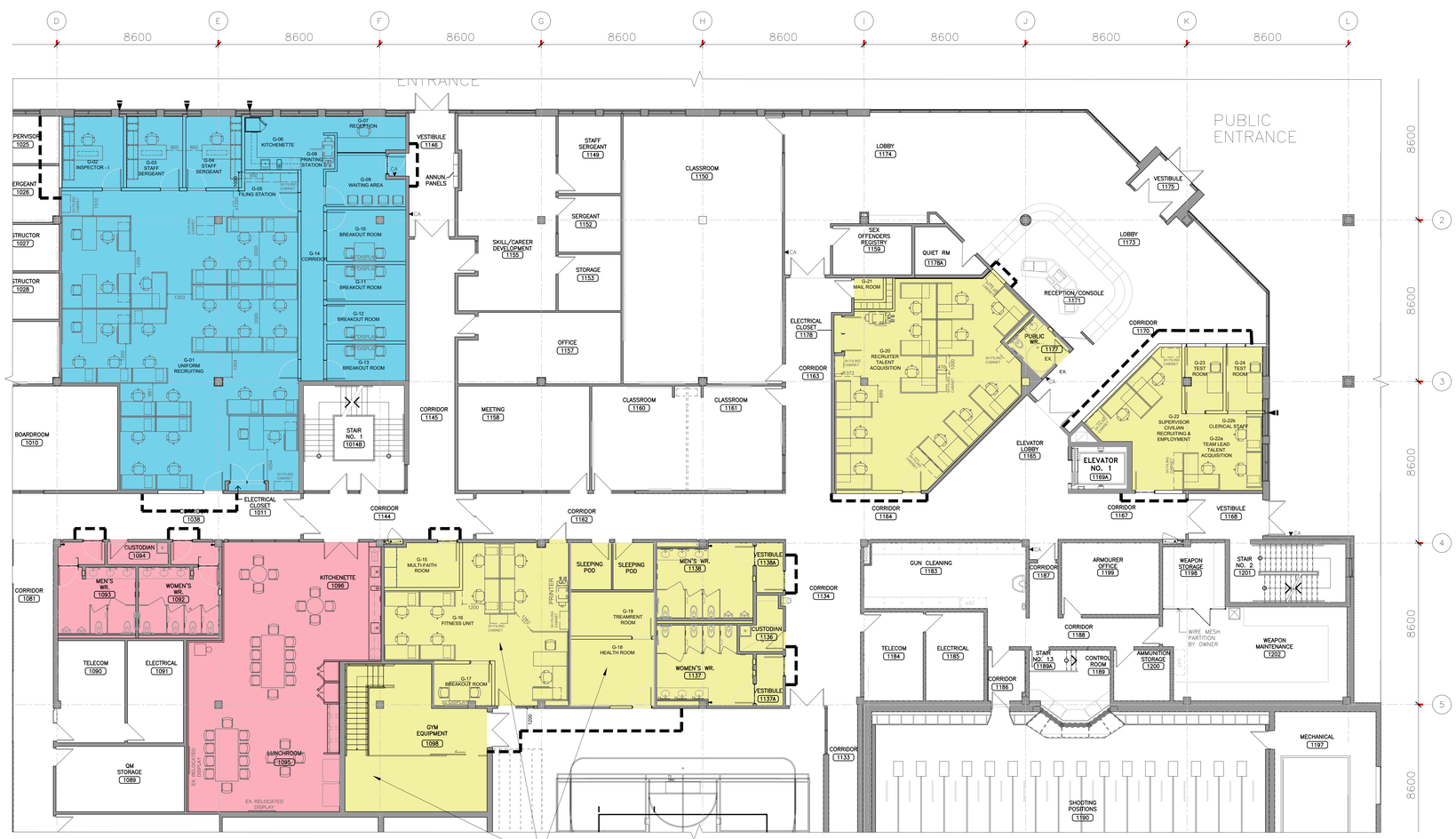
PHASE 2 - APPROXIMATELY 16 WEEKS

PHASE 3 - APPROXIMATELY 12 WEEKS

1 HOUR RATED CONSTRUCTION HOARDING PARTITION ULC W407 16 SHEETROCK FIRECODE "C" PANELS TO EACH SIDE OF 92-25 GA. STEEL STUDS. EXTEND TO U/S OF SECOND FLOOR EXISTING CEILING / SLAB. PROVIDE SMOKE AND FIRE SEALS AT JUNCTIONS. ENTIRE HOARDING ENCLOSURE TO BE AIR TIGHT & DUST PROOF (TYP). PROVIDE TEMPORARY CONSTRUCTION DOORS WITH LOCKS. PATCH AND REPAIR EXISTING CEILING IF REQUIRED AFTER DISMANTLING HOARDING. M.G.A.T., TYP.

IMPORTANT NOTE:

- **THE SUGGESTED CONSTRUCTION PHASING PLAN AND EXTENT OF HOARDING IS FOR REFERENCE ONLY. A DETAILED PHASING AND HOARDING PLAN SHALL BE ESTABLISHED AND DETERMINED BY THE GENERAL CONTRACTOR AND TO BE SUBMITTED FOR PEEL REGIONAL POLICE APPROVAL BEFORE COMMENCING THE CONSTRUCTION .**
- **ALL DEMOLITION WORK HAS TO BE CARRIED OUT AFTER HOURS AND OR ON WEEKENDS.**



3 A900 PHASING PLAN - GROUND FLOOR
SCALE: 1:100

EXISTING EQUIPMENT ROOM TO BE ACCESSIBLE DURING RENOVATION. THE FITNESS EQUIPMENT TO BE TEMPORARILY RELOCATED TO G-16,G-18,G-19 AND PROVIDE ACCESS.
THE FITNESS EQUIPMENT TO BE MOVED BACK TO THE ORIGINAL LOCATION WHEN ROOM 1098 IS COMPLETE.

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

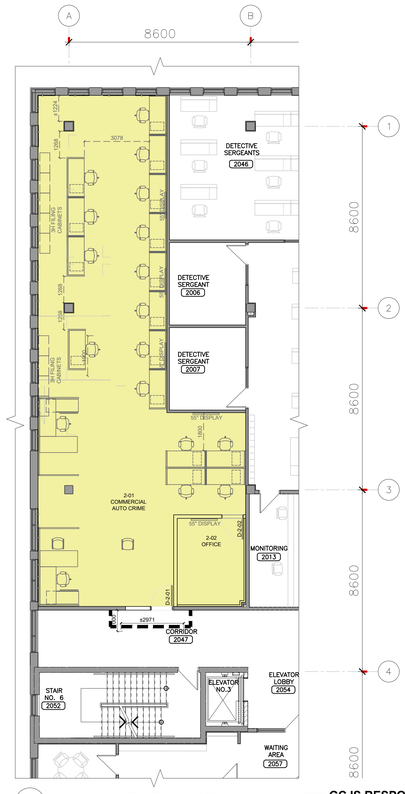
ISSUED FOR CONSTRUCTION DATE

NORTH

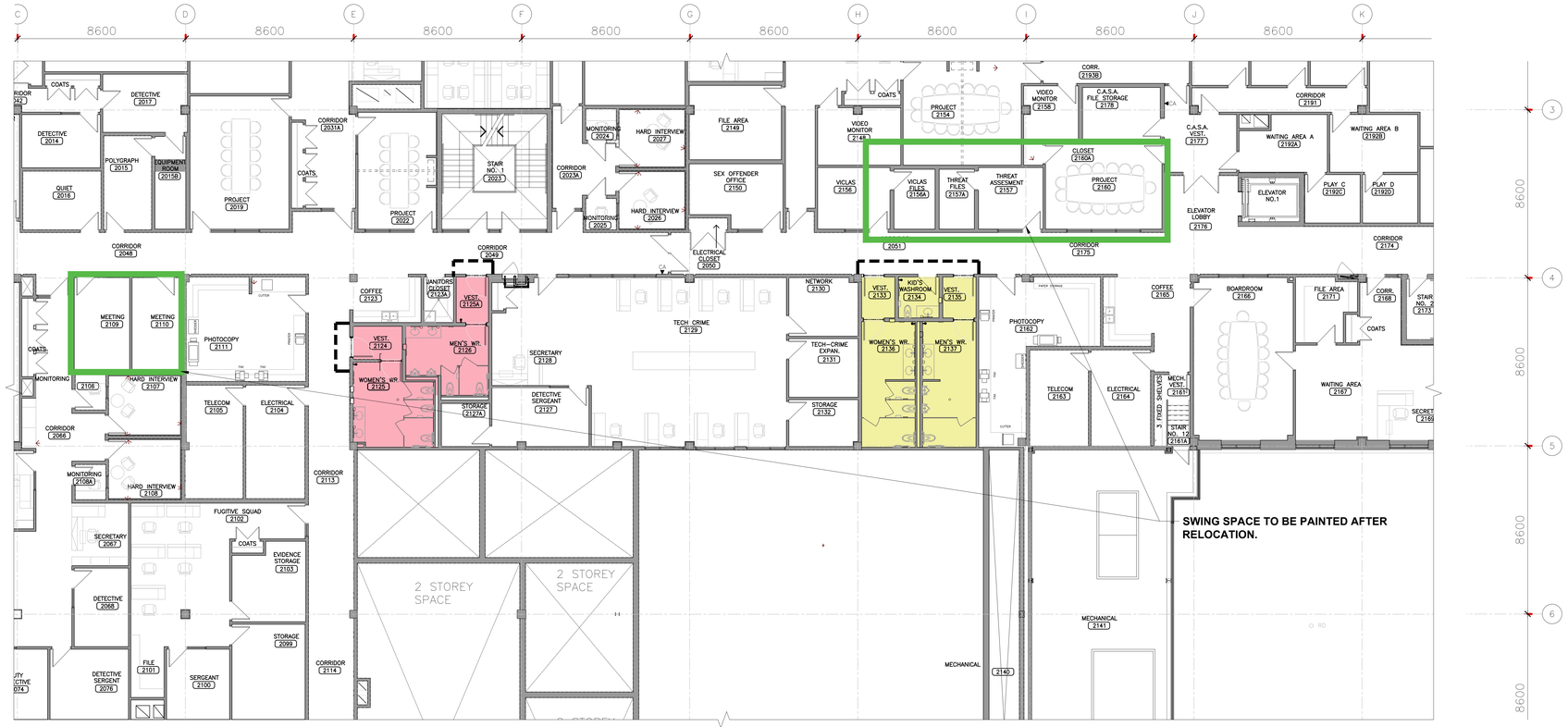
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PHASING & HORDING PLAN - BASEMENT & GROUND FLOOR

SHEET NO. A900
DRAWN BY AA
CHECKED RN
PROJECT NO.
SCALE AS NOTED

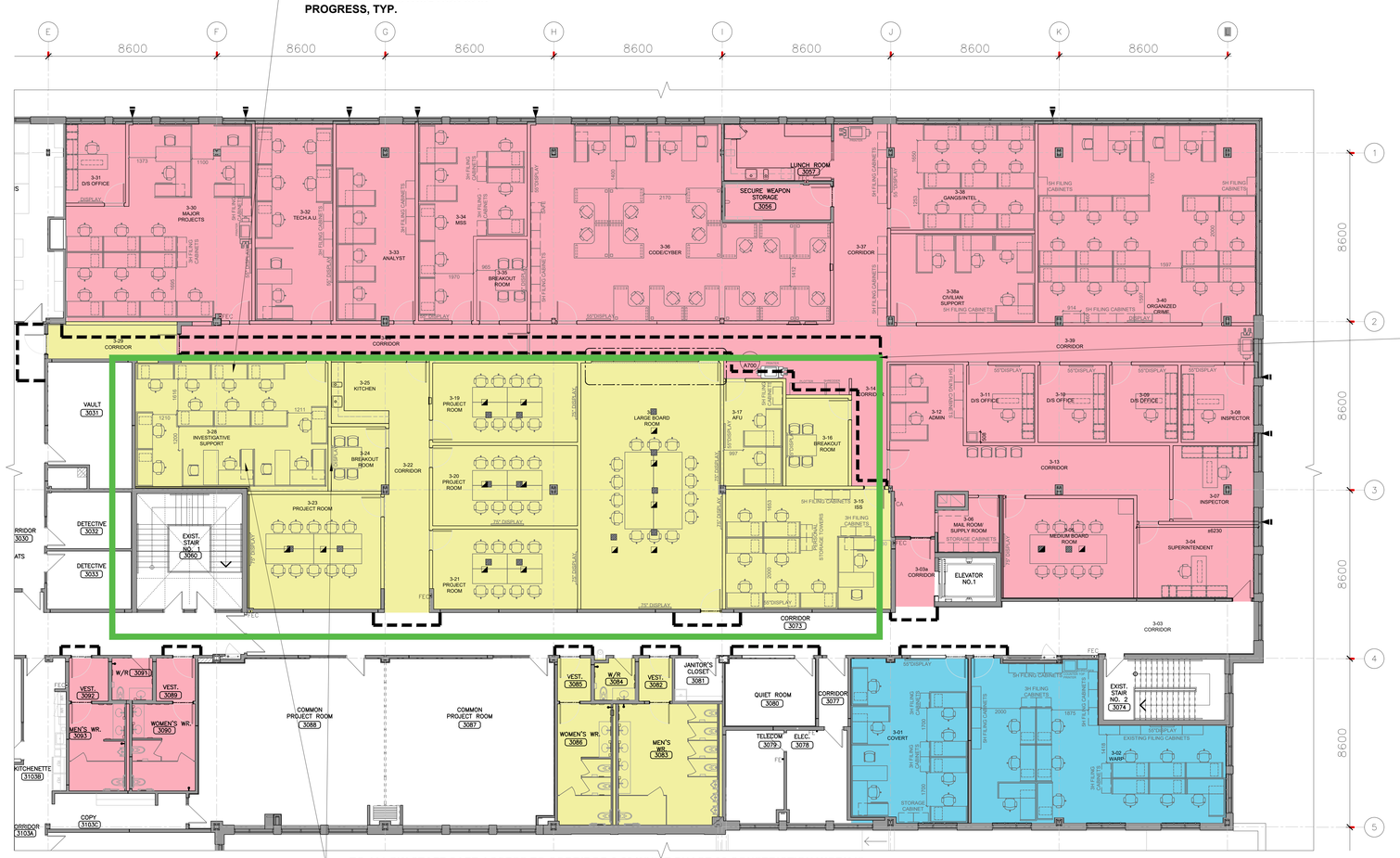


1 A901 PHASING PLAN- NEW- SECOND FLOOR
SCALE: 1:100



2 A901 PHASING PLAN - SECOND FLOOR (WASHROOMS)
SCALE: 1:100

GC IS RESPONSIBLE TO SUPPLY AND INSTALL TEMPORARY SIGNAGE INDICATING NO ACCESS CONSTRUCTION IS IN PROGRESS, TYP.



3 A901 PHASING PLAN - THIRD FLOOR
SCALE: 1:100

TO ALLOW STAFF SAFE ACCESS TO CORRIDOR 3-29 WHILE PHASE 02 CONSTRICTION WORK IS IN PROGRESS, GC IS RESPONSIBLE TO SUPPLY AND INSTALL TEMPORARY DOOR AND AFTER THE COMPLETION OF WORK GC IS RESPONSIBLE TO PATCH AND REPAIR THE EXISTING / NEW WALL WITH SAME EXISTING / NEW WALL STC RATING, TYP.

PHASE 1 - APPROXIMATELY 24 WEEKS (INCLUDING 14 WEEKS FOR FURNITURE DELIVERY)

PHASE 2 - APPROXIMATELY 16 WEEKS

PHASE 3 - APPROXIMATELY 12 WEEKS

1 HOUR RATED CONSTRUCTION HOARDING PARTITION ULC W407 16 SHEETROCK FIRECODE "C" PANELS TO EACH SIDE OF 92-25 GA. STEEL STUDS. EXTEND TO U/S OF SECOND FLOOR EXISTING CEILING / SLAB. PROVIDE SMOKE AND FIRE SEALS AT JUNCTIONS. ENTIRE HOARDING ENCLOSURE TO BE AIR TIGHT & DUST PROOF (TYP). PROVIDE TEMPORARY CONSTRUCTION DOORS WITH LOCKS. PATCH AND REPAIR EXISTING CEILING IF REQUIRED AFTER DISMANTLING HOARDING. M.G.A.T., TYP.

IMPORTANT NOTE:

- **THE SUGGESTED CONSTRUCTION PHASING PLAN AND EXTENT OF HOARDING IS FOR REFERENCE ONLY. A DETAILED PHASING AND HOARDING PLAN SHALL BE ESTABLISHED AND DETERMINED BY THE GENERAL CONTRACTOR AND TO BE SUBMITTED FOR PEEL REGIONAL POLICE APPROVAL BEFORE COMMENCING THE CONSTRUCTION .**

- **ALL DEMOLITION WORK HAS TO BE CARRIED OUT AFTER HOURS AND OR ON WEEKENDS.**

NO.	DESCRIPTION	DATE
13.	ISSUED FOR TENDER	2026.05.01
12.	ISSUED FOR BUILDING PERMIT	2026.04.08
11.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
10.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
9.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.24
8.	ISSUED FOR DESIGN DEVELOPMENT CLIENT REVIEW	2025.10.01
7.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.09.03
6.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.18
5.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.12
4.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.08.01
3.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.30
2.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.25
1.	ISSUED FOR PRELIMINARY DESIGN CLIENT REVIEW	2025.07.14

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NCA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the relevant professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

	DATE
ISSUED FOR CONSTRUCTION	

NORTH

STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
PHASING & HORDING PLAN - SECOND & THIRD FLOOR

SHEET NO:	DRAWN BY	CHECKED
A901	AA	RN

PROJECT NO.

SCALE: AS NOTED

REGION OF PEEL
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT

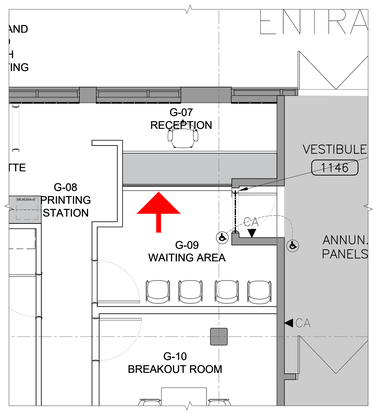
10 PEEL CENTRE DRIVE, BRAMPTON ON L6T 4B9

ARCHITECTURAL FINISHES- DIGITAL SAMPLE BOARD

Region of Peel
working with you

NGA ARCHITECTS

ISSUED FOR TENDER
MAY 1, 2026



1
SB-01
UNIFORM RECRUITING RECEPTION PLAN
SCALE: N.T.S.

Tafisa Lummia- Sheer Beauty T581 (PM)	Benjamin Moore Silver Dollar 1460	Corian Silver Gray	Corian Glacier White
APPROVED	**APPROVED**	**APPROVED**	**APPROVED**
High Pressure Laminate Countertop- Option 1	**Painted Bulkhead- Option 1**	**Solid Surface Countertop Colour 1- Option 1**	**Solid Surface Countertop Colour 2- Option 1**

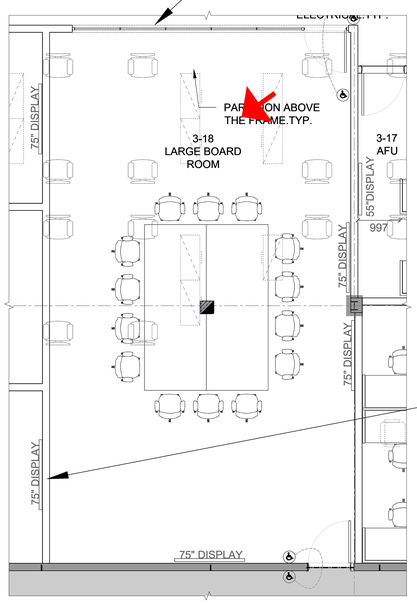
SHEET TITLE	SAMPLE BOARD NO.
UNIFORM RECRUITING RECEPTION	SB-01
DATE: MAY 1, 2026	PROJECT NO. 2520797

PROJECT
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

NGA ARCHITECTS

DOUBLE GLAZED SCREEN
(MAX STC 48)



1
SB-02
TYPICAL BOARD ROOM PLAN
SCALE: N.T.S.

FEATURE WALL- OPTION 2

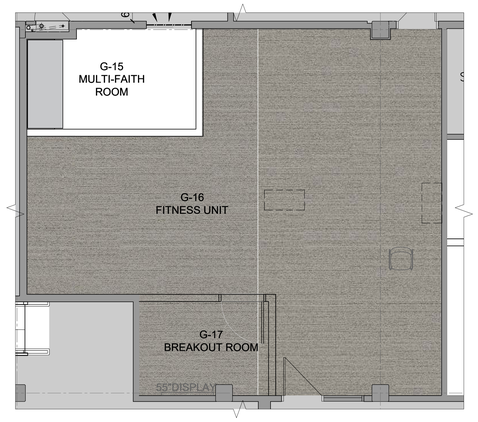
Tafisa Materia-Moonlight T761 (MA)	Tafisa Limmia-Midnight Sun T765(MA)	Guilford of Maine Heritage Anchorage 2335 - White 2664
APPROVED	**APPROVED**	**APPROVED**
High Pressure Laminate Wall Panel- Option 2	**High Pressure Laminate Wall Panel- Option 2**	**Acoustic Panel- Option 2**

SHEET TITLE	SAMPLE BOARD NO.
TYPICAL BOARD ROOM	SB-02
DATE: MAY 1, 2026	PROJECT NO. 2520797

PROJECT
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

NGA ARCHITECTS



1
SB-03
GENERAL OFFICE PLAN
SCALE: N.T.S.

(AS REFERENCE ALSO APPLIES
TO PROJECT & BOARD ROOMS)

Carpet Tile- Option 1

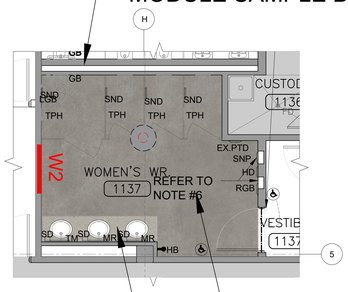
SHEET TITLE	SAMPLE BOARD NO.
GENERAL OFFICE / PROJECT AND BOARD ROOM	SB-03
DATE: MAY 1, 2026	PROJECT NO. 2520797

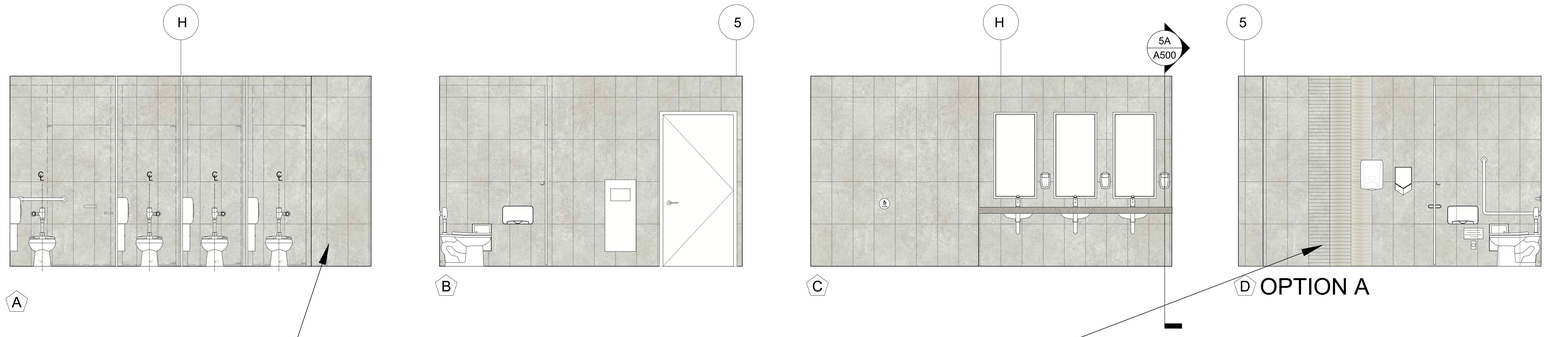
PROJECT
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

NGA ARCHITECTS

REFER TO WASHROOM MODULE SAMPLE BOARD





OPTION A

1
SB-04
TYPICAL WASHROOM ELEVATIONS
SCALE: N.T.S.

Centura
Glocal Series-
Clear GC01
Finish- Natural
305mmx610mm (12"x24")
Grout: 909 - Sterling

APPROVED

General Porcelain Wall Tile- Option 1

Centura
Miki Glass Series-
Sea Haze MTG102
Finish- Glossy
50mmx300mm
(2"x12")
Grout: 909 -
Sterling

APPROVED

Feature Wall 2 Option 1a - Glass Tile

Centura
Glocal Series-
Ideal GC03
Finish- Natural
610mmx610mm (24"x24")
Grout: 939 - Mist

APPROVED

Porcelain Floor Tile- Option 1

Caeserstone
Raw Concrete 4004

APPROVED

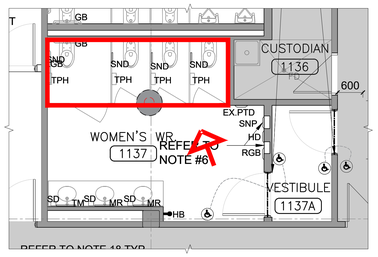
Quartz Countertop- Option 1

SHEET TITLE	SAMPLE BOARD NO.
TYPICAL WASHROOM	SB-04
DATE: MAY 1, 2026	PROJECT NO. 2520797

PROJECT
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

NGA ARCHITECTS

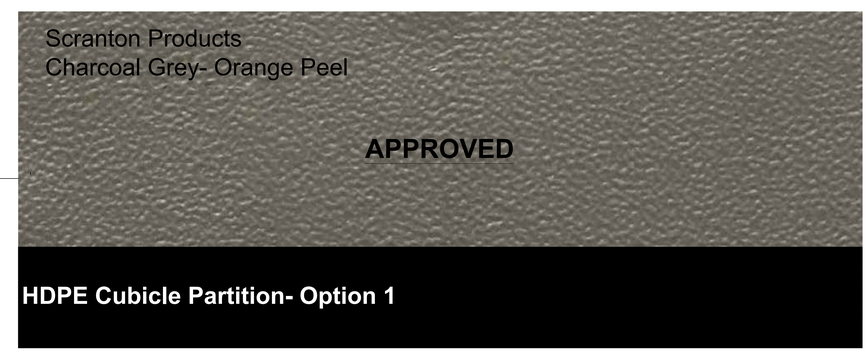


1
SB-05

TYPICAL WASHROOM MODULE PLAN

SCALE: N.T.S.

REFER TO SB-04 TYPICAL WASHROOM FOR FLOOR TILE OPTIONS



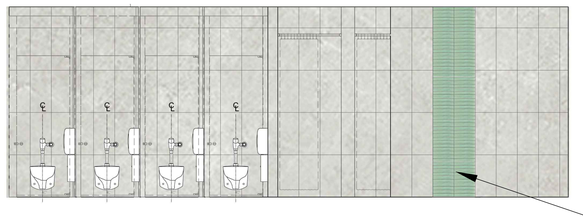
SHEET TITLE	SAMPLE BOARD NO.
TYPICAL WASHROOM MODULE	SB-05
DATE: MAY 1, 2026	PROJECT NO. 2520797

PROJECT

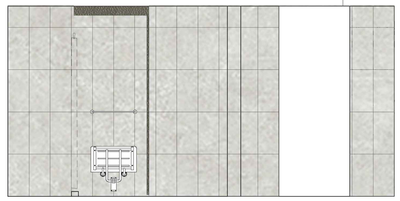
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

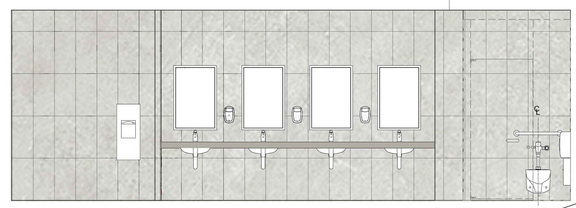
NGA ARCHITECTS



A OPTION B



B



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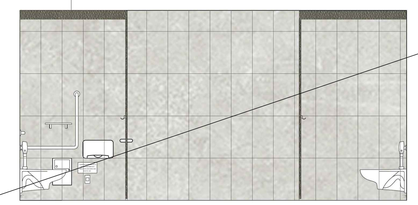

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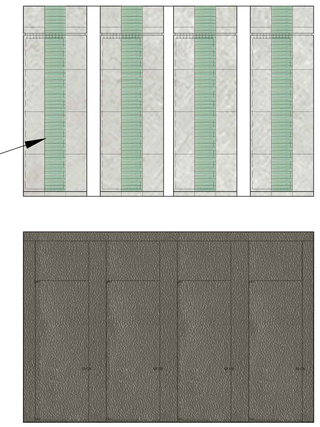
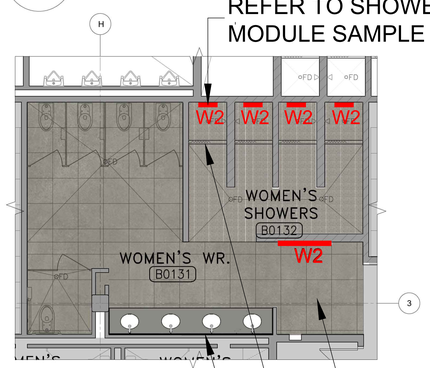


E

1 SB-06b TYPICAL SHOWER ELEVATION
SCALE: N.T.S.

REFER TO SHOWER MODULE SAMPLE BOARD



2 SB-06b TYPICAL SHOWER PLAN
SCALE: N.T.S.

Centura
Glocal Series-
Clear GC01
Finish- Natural
305mmx610mm (12"x24")
Grout: 909 - Sterling

APPROVED

General Porcelain Wall Tile- Option 1

Centura
Miki Glass Series-
Atmosphere OPUS662212
Finish- Glossy
50mmx300mm (2"x12")
Grout: 909 - Sterling

APPROVED

Feature Wall 2 Option 1a - Glass Tile

Centura
Glocal Series-
Ideal GC03
Finish- Natural
610mmx610mm (24"x24")
Grout: 939 - Mist

APPROVED

Porcelain Floor Tile- Option 1

Centura
Penta-Normatech-
Dark Taupe
ONI2006177
Finish- Matte
50mmx50mm
(2"x2")
Grout: 939 - Mist

APPROVED

Shower Porcelain Floor Tile- Option 1

Caeserstone
Raw Concrete
4004

APPROVED

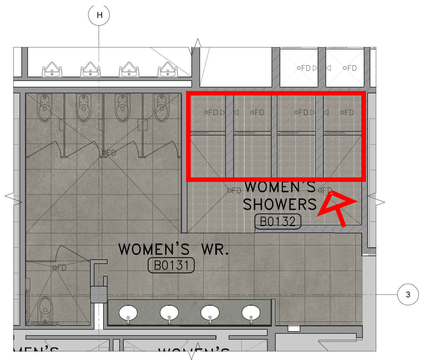
Quartz Countertop- Option 1

SHEET TITLE	SAMPLE BOARD NO.
TYPICAL SHOWER	SB-06b
DATE: MAY 1, 2026	PROJECT NO. 2520797

PROJECT
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

NGA ARCHITECTS

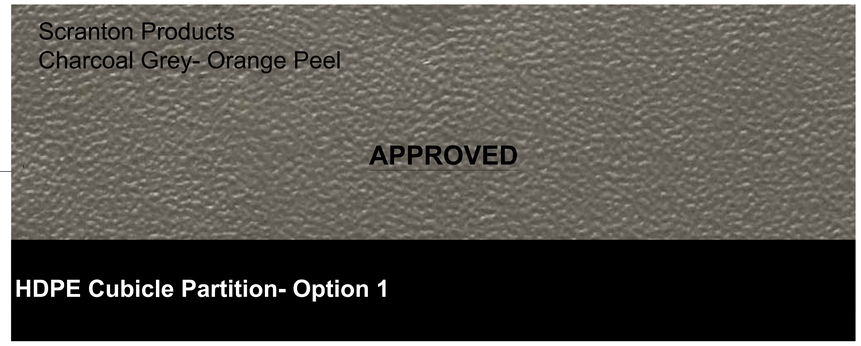


1
SB-07

TYPICAL SHOWER MODULE PLAN

SCALE: N.T.S.

REFER TO SB-06b TYPICAL SHOWER FOR FLOOR TILE OPTIONS



SHEET TITLE	SAMPLE BOARD NO.
TYPICAL SHOWER MODULE	SB-07
DATE: MAY 1, 2026	PROJECT NO. 2520797

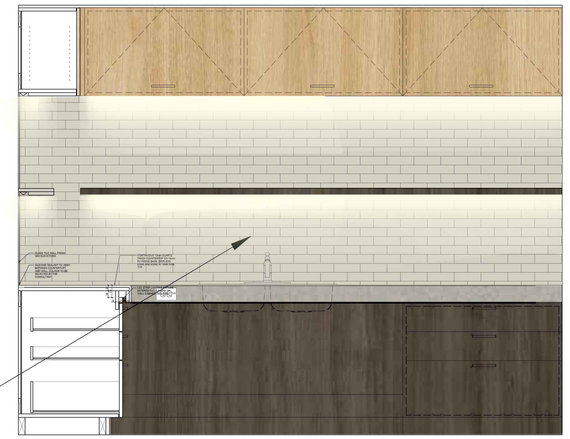
PROJECT

EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

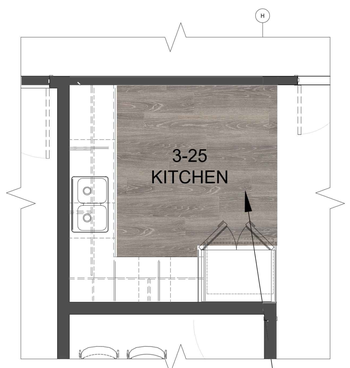
Region of Peel
working with you

NGA ARCHITECTS

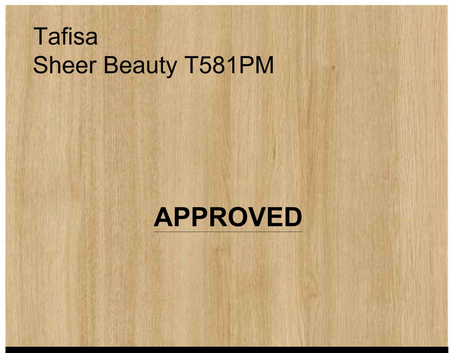
A ELEVATION



B ELEVATION



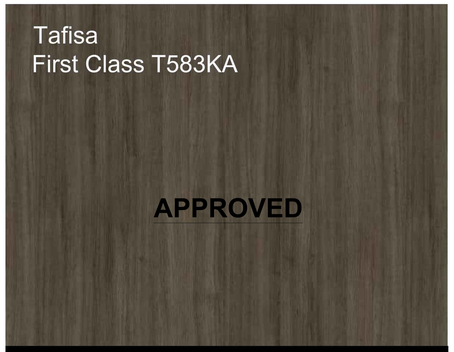
2
SB-07
TYPICAL KITCHEN PLAN
SCALE: N.T.S.



Cabinet Finish Colour 1- Option 2

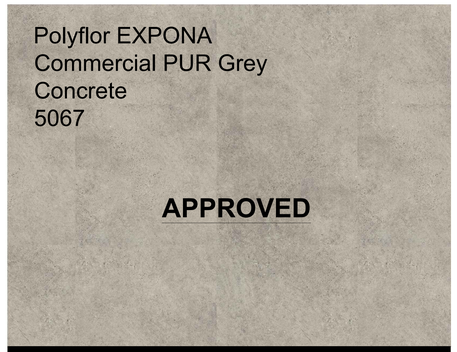
Backsplash- Option 1

Quartz Countertop- Option 1



Cabinet Finish Colour 2- Option 2

Luxury Vinyl Tile Finish-G/F Kitchen & Lunch Room



Luxury Vinyl Tile Finish-All Other Kitchenettes

SHEET TITLE	SAMPLE BOARD NO.
TYPICAL KITCHEN	SB-08
DATE: MAY 1, 2026	PROJECT NO. 2520797

PROJECT
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

Region of Peel
working with you

NGA ARCHITECTS

A. GENERAL

1. READ STRUCTURAL DOCUMENTS IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND OTHER CONTRACT DOCUMENTS.

2. BEFORE PROCEEDING WITH THE WORK, CHECK ALL DIMENSIONS SHOWN ON THE STRUCTURAL DOCUMENTS WITH SITE CONDITIONS AND THOSE SHOWN ON ARCHITECTURAL, MECHANICAL AND ELECTRICAL DOCUMENTS AND REPORT DISCREPANCIES TO THE CONSULTANT. STRUCTURAL DRAWINGS MUST NOT BE SCALED.

3. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND SIZES OF OPENINGS, TRENCHES, PITS, SUMPS, EQUIPMENT, SLEEVES, DEPRESSIONS, GROOVES AND CHAMFERS NOT INDICATED ON THE STRUCTURAL DRAWINGS. UNLESS SPECIFICALLY NOTED, THE ABOVE ITEMS WHERE SHOWN ON THE STRUCTURAL DRAWINGS ARE INDICATED ONLY APPROXIMATELY AS TO SIZE AND LOCATION.

4. PROVIDE LABOUR, MATERIALS, PLANT AND EQUIPMENT TO COMPLETE ALL STRUCTURAL WORK INDICATED ON THE CONTRACT DOCUMENTS.

5. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, NO PROVISION HAS BEEN MADE IN THE DESIGN FOR CONDITIONS OCCURING DURING CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE ALL NECESSARY BRACING, SHORING, SHEET PILING OR OTHER TEMPORARY SUPPORTS REQUIRED FOR SAFETY AND PROTECTION OF NEW CONSTRUCTION, AS WELL AS TO SAFEGUARD ALL EXISTING OR ADJACENT STRUCTURES AFFECTED BY THIS WORK. CARRY OUT CONSTRUCTION OPERATIONS, INCLUDING THE INSTALLATION OF TEMPORARY GUYING AND SHORING REQUIRED, ENSURING THAT THE EXISTING STRUCTURE OR MEMBERS ALREADY ERECTED ARE NOT LOADED IN EXCESS OF THEIR SAFE LOAD CARRYING CAPACITY.

B. REFERENCE STANDARDS/CODES AND ACTS

1 DESIGN AND CONSTRUCTION IS TO CONFORM TO THE REQUIREMENTS OF THE CURRENT ONTARIO BUILDING CODE, AND ANY APPLICABLE REQUIREMENTS OR BY-LAWS OF THE AUTHORITY HAVING JURISDICTION. ALL CODES, MANUALS, STANDARDS AND SPECIFICATIONS REFERRED TO SHALL BE THE CURRENT EDITIONS, INCLUDING ALL LATEST REVISIONS, ADDENDA AND SUPPLEMENTS, UNLESS NOTED OTHERWISE IN BUILDING CODE. CONFORM ALSO TO THE FOLLOWING:

1.1 CSA-S16 DESIGN OF STEEL STRUCTURES.

1.2 CAN/CSA G40.20/G40.21 GENERAL REQUIREMENTS FOR ROLLED OR WELDED STRUCTURAL QUALITY STEEL/STRUCTURAL QUALITY STEEL.

1.3 CSA W47.1 CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STEEL STRUCTURES

1.4 CSA W59 WELDED STEEL CONSTRUCTION (METAL ARC WELDING)

1.5 CSA-A371 MASONRY CONSTRUCTION FOR BUILDINGS.

2 ALL STANDARDS AND PUBLICATIONS REFERENCED BY THE STANDARDS NOTED ABOVE ARE TO APPLY.

3 WHERE THERE ARE DIFFERENCES BETWEEN THE DOCUMENTS AND THE STANDARDS, CODES AND ACTS, THE MOST STRINGENT SHALL GOVERN.

C. QUALIFICATIONS

1 ANY ORGANIZATION UNDERTAKING TO WELD UNDER THIS CONTRACT MUST BE CERTIFIED BY THE CANADIAN WELDING BUREAU UNDER REQUIREMENTS OF DIVISION 1 OR DIVISION 2 OF CSA W47.1.

2 THE STRUCTURAL STEEL FABRICATOR AND ERECTOR MUST BE MEMBERS IN GOOD STANDING OF THE CANADIAN INSTITUTE OF STEEL CONSTRUCTION.

3 THE STRUCTURAL STEEL FABRICATOR AND ERECTOR MUST HAVE A MINIMUM OF FIVE (5) YEARS OF EXPERIENCE ON PROJECTS OF SIMILAR SIZE AND SCOPE. IF REQUESTED, THE FABRICATOR AND ERECTOR SHALL PROVIDE DOCUMENTATION WITH REFERENCES INCLUDING CONTACT NAMES AND PHONE NUMBERS.

4 FOR POST-INSTALLED CONCRETE OR MASONRY ANCHORS, THE CONTRACTOR MUST ARRANGE FOR A MANUFACTURER'S FIELD REPRESENTATIVE TO PROVIDE INSTALLATION TRAINING FOR ALL PRODUCTS TO BE USED, PRIOR TO COMMENCEMENT OF WORK. ONLY TRAINED INSTALLERS MAY PERFORM POST INSTALLED ANCHOR INSTALLATION. A RECORD OF TRAINING MUST BE KEPT ON SITE AND BE MADE AVAILABLE TO THE STRUCTURAL CONSULTANT OR INDEPENDENT INSPECTION AND TESTING COMPANY REPRESENTATIVE AS REQUESTED.

D. SUBMITTALS

1 SHOP DRAWINGS

1.1 SUBMIT FOR REVIEW BY THE CONSULTANT COMPLETE SHOP DRAWINGS FOR ALL TEMPORARY AND PERMANENT STRUCTURAL WORK INCLUDING, BUT NOT LIMITED TO STRUCTURAL STEEL.

1.2 THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN 1:50 (1/4" = 1'0").

1.3 THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS, UNLESS AUTHORIZED BY CONSULTANT.

1.4 EACH DRAWING SUBMITTED FOR STRUCTURAL STEEL SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.

1.5 CONTRACTOR SHALL ALLOW FOR A 5 WORKING DAY TURN AROUND TIME FOR STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

1.6 STRUCTURE ERECTED PRIOR TO SUBMITTAL AND SATISFACTORY REVIEW OF SHOP DRAWINGS WILL BE CONSIDERED DEFICIENT.

1.7 REVIEW OF SHOP DRAWINGS BY THE STRUCTURAL CONSULTANT IS ONLY TO ASSESS THAT THE SUBMITTED SHOP DRAWINGS REFLECT THE INTENT OF THE STRUCTURAL DESIGN. THIS REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR SEEING THAT THE WORK IS COMPLETE, ACCURATE AND IN CONFORMITY WITH THE CONTRACT DOCUMENTS.

2 AS-BUILT DRAWINGS

2.1 MARK ON A COMPLETE SET OF REPRODUCIBLE AS-BUILT DRAWINGS ANY CHANGES, ADDITIONS, OR DELETIONS THAT OCCUR DURING CONSTRUCTION AS A RESULT OF THE CONTRACTOR'S WORK, CHANGE OF ORDERS OR FOR ANY OTHER REASON.

E. MATERIALS

1 PROVIDE ONLY NEW STRUCTURAL MATERIALS IN ACCORDANCE WITH THE REFERENCE STANDARDS AND THE FOLLOWING, UNLESS OTHERWISE NOTED.

1.1 POST-INSTALLED CONCRETE ANCHORS

1.1.1 MECHANICAL ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRACKED, UNCRACKED AND SEISMIC CONCRETE APPLICATIONS, UNLESS NOTED OTHERWISE.

1.1.2 ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED, UNCRACKED AND SEISMIC CONCRETE APPLICATIONS, UNLESS NOTED OTHERWISE.

1.2 STRUCTURAL STEEL:

1.2.1 STRUCTURAL WIDE FLANGE AND WELDED WIDE FLANGE SHAPES (W, WWF) TO CONFORM CSA-G40.20/G40.21 GRADE 350W.

1.2.2 ANGLES AND CHANNELS (L, C) TO CONFORM TO CSA-G40.20/G40.21 GRADE 350W.

1.2.3 PLATES (PL) TO CONFORM TO CSA-G40.20/G40.21 GRADE 300W.

1.2.4 HOLLOW STRUCTURAL SECTIONS (HSS) TO CONFORM TO CSA-G40/G40.21 GRADE 350W (CLASS C U/N)

1.3 PRIME PAINT (FOR INTERIOR APPLICATIONS NOT EXPOSED TO HIGH HUMIDITY OR CHEMICALS): CONFORM TO CISC/CPMA STANDARD 2-75, UNLESS NOTED OTHERWISE.

1.4 HOT DIP GALVANIZING (FOR EXTERIOR APPLICATIONS): TO ASTM A123/A123M, MINIMUM ZINC COATING OF 600gm^2, UNLESS NOTED OTHERWISE.

1.5 STRUCTURAL BOLTS, NUTS AND WASHERS: CONFORM TO ASTM F3125/F3125M, GRADE A325M

1.6 NON-SHRINK GROUT = COMPRESSIVE STRENGTH OF 35 MPa AT 24 HOURS.

1.7 BLOCK: CONFORM TO CSA A165 SERIES, MINIMUM COMPRESSIVE STRENGTH = 15.0 MPa (MIN.) BASED ON NET AREA.

1.8 MORTAR: CONFORM TO CSA A179 TYPE S FOR LOADBEARING WALLS UNLESS NOTED.

1.9 MASONRY GROUT: CONFORM TO CSA A179, 15 MPa MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS, 250 mm (10") SLUMP, MAXIMUM AGGREGATE SIZE 10 mm (3/8")

F. EXECUTION

1. POST-INSTALLED CONCRETE AND MASONRY ANCHORS

1.1. POST INSTALLED ANCHORS SHALL BE USED ONLY WHERE SPECIFIED ON STRUCTURAL DRAWINGS.

1.2. THE INSTALLATION OF POST INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST IN-PLACE ANCHORS IS NOT ALLOWED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

1.3. ANCHOR CAPACITY USED IN THE DESIGN HAS BEEN BASED ON THE TECHNICAL DATA PUBLISHED BY THE MANUFACTURER. SUBSTITUTION REQUESTS FOR ALTERNATE ANCHORS MUST BE APPROVED IN WRITING BY THE STRUCTURAL CONSULTANT PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS STAMPED BY LICENSED ENGINEER DEMONSTRATING THAT THE ALTERNATIVE ANCHOR IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED FOR COMPLIANCE WITH THE RELEVANT BUILDING CODE AND CSA A23.3 STANDARD. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE.

1.4. THE EXISTING REINFORCEMENT IN THE CONCRETE STRUCTURE MAY CONFLICT WITH THE SPECIFIED ANCHOR LOCATIONS. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE SHALL NOT BE CUT

UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR SHALL LOCATE THE EXISTING REINFORCEMENT AND CONDUITS AT THE PROPOSED LOCATIONS OF THE ANCHORS BY NON-DESTRUCTIVE METHODS SUCH AS HILTI PS 250 FERROSCAN, HILTI PS 1000 X-SCAN, GROUND PENETRATING RADAR (GPR), X-RAYS OR OTHER APPROVED MEANS. MODIFY THE STRUCTURAL ANCHOR DETAILS AS REQUIRED TO AVOID CUTTING REBAR OR CONDUITS, AND SUBMIT THE REVISED DETAILS FOR REVIEW BY STRUCTURAL CONSULTANT PRIOR TO PROCEEDING WITH THE WORK.

1.5. ALL ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) IN CONJUNCTION WITH EDGE DISTANCE, SPACING AND EMBEDMENT DEPTH AS INDICATED ON THE DRAWINGS.

1.6. ADHESIVE ANCHORS MUST BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS.

2. STRUCTURAL STEEL

2.1. DETAILS AND CONNECTIONS OF STEEL MEMBERS SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER EXPERIENCED IN THIS TYPE OF WORK, TO THE REQUIREMENTS OF CSA-16 TO RESIST FORCES, MOMENTS AND SHEARS INDICATED OR IMPLIED BY THE DRAWINGS.

2.2. SHOP DRAWINGS AND CALCULATIONS BEARING THE STAMP AND SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN OF CONNECTIONS OR STEEL JOISTS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION AND ERECTION OF STRUCTURAL STEEL.

2.3. UNLESS OTHERWISE NOTED, BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF VERTICAL SHEAR OF 80 kN. WHERE BOLTED CONNECTIONS ARE EMPLOYED, A MINIMUM OF TWO BOLTS PER CONNECTION ARE TO BE USED.

2.4. THE FOLLOWING TYPES OF CONNECTIONS ARE TO BE DESIGNED AS SLIP-CRITICAL CONNECTIONS:

2.4.1. MOMENT CONNECTIONS (UNLESS END PLATE TYPE MOMENT-CONNECTIONS ARE USED).

2.4.2. CONNECTIONS WHERE WELDS AND BOLTS SHARE IN TRANSMITTING SHEAR FORCES AT A COMMON FAYING SURFACE.

2.4.3. CONNECTIONS THAT UTILISE OVERSIZED HOLES.

2.4.4. CONNECTIONS SUBJECT TO FATIGUE OR FREQUENT LOAD REVERSALS.

2.5. CONFORM TO THE FIRE RATED ASSEMBLY DESIGN SPECIFIED TO THE PROJECT.

2.6. FOR INTERIOR APPLICATIONS NOT EXPOSED TO HIGH HUMIDITY OR CHEMICALS, PREPARE ALL STRUCTURAL STEEL PER SSPC-SP7 BRUSH-OFF BLAST CLEANING STANDARD AND PAINT TO REQUIREMENTS OF CISC/CPMA 2-75. TOUCH UP ALL FIELD WELDS.

2.7. ALL STRUCTURAL STEEL EXPOSED TO WEATHER SHALL GALVANIZED IN ACCORDANCE WITH ASTM A123/A123M. PREPARE SURFACE PER SSPC-SP7 BRUSH-OFF BLAST CLEANING AND SSPC-SP8 PICKLING PRIOR TO GALVANIZING.

2.8. ALL WELDS SHALL CONFORM TO CSA STANDARD W59.

2.9. ALL WELDS EXPOSED TO VIEW SHALL BE GROUND SMOOTH.

2.10. DO NOT SPLICE STRUCTURAL STEEL SECTIONS WITHOUT PRIOR APPROVAL OF THE CONSULTANT. ALL SPLICES SHALL DEVELOP THE FULL CAPACITY OF THE SECTION AND ARE TO BE TESTED BY NON DESTRUCTIVE METHODS, BY AN INDEPENDENT INSPECTION AND TESTING COMPANY, AT THE CONTRACTOR'S EXPENSE.

2.11. SEE ARCHITECTURAL DRAWINGS FOR FIREPROOFING REQUIREMENTS. CONFIRM COMPATIBILITY OF FIREPROOFING MATERIAL WITH STEEL PAINT.

2.12. AN INDEPENDENT INSPECTION AND TESTING COMPANY IS TO INSPECT STRUCTURAL STEEL IN THE SHOP AND IN THE FIELD FOR WELDING, CONNECTIONS, BOLT TORQUES AND GENERAL CONFORMANCE WITH THE STRUCTURAL DRAWINGS.

3. MASONRY

3.1. PROVIDE A MINIMUM LENGTH OF 200 mm (8") OF 100% SOLID MASONRY UNITS FOR BEARING OF STEEL, CONCRETE OR REINFORCED MASONRY LINTELS.

3.2. SUPPLY AND PLACE REINFORCEMENT AND CONCRETE FOR REINFORCED MASONRY LINTELS IN ACCORDANCE WITH TYPICAL DETAILS SHOWN.

4. ALTERATIONS AND/OR CONNECTIONS TO EXISTING STRUCTURE

4.1. PROPOSED SCHEDULE OF WORK TO BE COORDINATED WITH ALL SUBTRADES.

4.2. INSPECT THE EXISTING BUILDING AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS.

4.3. PRIOR TO FABRICATION OF STRUCTURAL STEEL, OPEN UP ALL AREAS WHERE CONNECTIONS ARE TO BE MADE TO EXISTING WORK AND TAKE FIELD MEASUREMENTS. MODIFY METHODS FOR CONNECTING TO SUIT SITE CONDITIONS FOUND AND TO THE APPROVAL OF THE CONSULTANT. CARRY OUT LOCAL REPAIRS TO THE EXISTING WORK AS NECESSARY AND AS DIRECTED BY THE CONSULTANT.

4.4. SHORE EXISTING WORK AS REQUIRED UNTIL ALL NEW WORK HAS BEEN COMPLETED AND REVIEWED BY THE CONSULTANT.

4.5. SHORE FLOORS AS REQUIRED TO SUPPORT CRANES, HOISTS AND OTHER CONSTRUCTION EQUIPMENT.

4.6. DO NOT CUT CONCRETE REINFORCEMENT UNLESS REVIEWED AND APPROVED BY THE CONSULTANT.

4.7. WHERE REQUIRED TO AVOID CUTTING EXISTING REINFORCEMENT, MODIFY THE LAYOUT OF NEW THROUGH BOLTS, EXPANSION ANCHORS AND OTHER ANCHORING DEVICES.

4.8. MAKE GOOD THE EXISTING WORK.

G. QUALITY CONTROL

1 GENERAL

1.1 IMPLEMENT A SYSTEM OF QUALITY CONTROL TO ENSURE THAT THE MINIMUM STANDARDS SPECIFIED HEREIN ARE ATTAINED.

1.2 BRING TO THE ATTENTION OF THE CONSULTANT ANY DEFECTS IN THE WORK OR DEPARTURES FROM THE CONTRACT DOCUMENTS, WHICH MAY OCCUR DURING CONSTRUCTION. THE CONSULTANT WILL DECIDE UPON CORRECTIVE ACTION AND GIVE RECOMMENDATIONS IN WRITING.

1.3 EXTRA SITE VISITS OR DESIGN WORK BY THE CONSULTANT THAT RESULT FROM THE CONTRACTOR'S CONSTRUCTION DEFICIENCIES, EXTRA REQUESTS FOR SITE MEETINGS, REVIEW OF EXISTING CONDITIONS, OR COORDINATION ISSUES WILL BE PAID IN FULL BY THE CONTRACTOR TO THE CONSULTANT UNLESS OTHERWISE AGREED UPON IN WRITING PRIOR TO THE CONSULTANT ENGAGING IN THE WORK. PAYMENT WILL BE STANDARDIZED AT THE CONSULTANT'S CURRENT PER DIEM RATE UNLESS OTHERWISE AGREED UPON.

1.4 THE CONSULTANT'S GENERAL REVIEW DURING CONSTRUCTION AND INSPECTION AND TESTING BY INDEPENDENT INSPECTION AND TESTING AGENCIES REPORTING TO THE CONSULTANT ARE BOTH UNDERTAKEN TO INFORM THE OWNER/CLIENT OF THE CONTRACTOR'S PERFORMANCE AND SHALL IN NO WAY AUGMENT THE CONTRACTOR'S QUALITY CONTROL OR RELIEVE THE CONTRACTOR OF CONTRACTUAL RESPONSIBILITY.

1.5 ANY DESIGN CHANGES / ALTERNATIVES TO THE BASE DESIGN BY CONTRACTOR ARE TO BE PROPOSED FOR THE CONSULTANT'S REVIEW THROUGH A FORMAL P.ENG. STAMPED SUBMITTAL. CREDITS MAY BE APPLICABLE DEPENDING ON THE PROPOSED DESIGN CHANGE.

2 NOTIFICATION

2.1 PRIOR TO COMMENCING SIGNIFICANT SEGMENTS OF THE WORK, GIVE THE CONSULTANT AND INDEPENDENT INSPECTION AND TESTING COMPANIES APPROPRIATE NOTIFICATION (MINIMUM 24 HOURS) SO AS TO AFFORD THEM REASONABLE OPPORTUNITY TO REVIEW THE WORK. FAILURE TO MEET THIS REQUIREMENT MAY BE CAUSE FOR THE CONSULTANT TO CLASSIFY THE WORK AS DEFECTIVE.

2.1.1 IT IS THE RESPONSIBILITY OF BOTH THE OWNER AND THE CONTRACTOR TO NOTIFY THE ENGINEER OF CONSTRUCTION PROGRESS SO THE ENGINEER CAN COMPLETE GENERAL REVIEWS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A CONSTRUCTION SCHEDULE PRIOR TO STARTING THE WORK. THE ENGINEER WILL ALSO NEED TO REVIEW ALL ABOVE GRADE FRAMING PRIOR TO INSTALLATION OF INTERIOR FINISHES.

3 INSPECTION AND TESTING

3.1 THE CONTRACTOR WILL APPOINT AN INDEPENDENT INSPECTION AND TESTING COMPANY TO MAKE INSPECTIONS OR PERFORM TESTS AS OUTLINED IN THIS DOCUMENT. THE INDEPENDENT INSPECTION AND TESTING COMPANIES SHALL BE RESPONSIBLE ONLY TO THE CONSULTANT AND SHALL MAKE ONLY SUCH INSPECTIONS OR TESTS AS THE CONSULTANT MAY DIRECT.

3.2 INCLUDE FOR AN INDEPDENT THIRD PARTY WELDING INSPECTION AND TESTING COMPANY TO REVIEW ALL CONNECTIONS AND PROVIDE A WRITTEN REPORT WITH COMMENTS. THE WORK WILL BE CONSIDERED DEFICIENT UNTIL THE INSPECTION COMPANY HAS CONFIRMED IN WRITING THAT ALL NEWLY INSTALLED CONNECTIONS ARE ACCEPTABLE.

4 DEFECTIVE MATERIALS AND WORK

4.1 WHERE EVIDENCE EXISTS THAT DEFECTIVE WORK HAS OCCURRED OR THAT WORK HAS BEEN CARRIED OUT INCORPORATING DEFECTIVE MATERIALS, THE CONSULTANT MAY HAVE TESTS, INSPECTIONS OR SURVEYS PERFORMED, ANALYTICAL CALCULATIONS OF STRUCTURAL STRENGTH MADE, AND THE LIKE, IN ORDER TO HELP DETERMINE WHETHER THE WORK MUST BE CORRECTED OR REPLACED. TESTS, INSPECTIONS OR SURVEYS OR CALCULATIONS CARRIED OUT UNDER THESE CIRCUMSTANCES WILL BE MADE AT THE CONTRACTOR'S EXPENSE, REGARDLESS OF THEIR RESULTS, WHICH MAY BE SUCH THAT, IN THE CONSULTANT'S OPINION, THE WORK MAY BE ACCEPTABLE.

4.2 ALL TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, EXCEPT WHERE THIS WOULD, IN THE CONSULTANT'S OPINION, CAUSE UNDUE DELAY OR GIVE RESULTS NOT REPRESENTATIVE OF THE REJECTED MATERIAL IN PLACE. IN THIS CASE, THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARDS GIVEN BY THE CONSULTANT.

4.3 MATERIALS OR WORK, WHICH FAIL TO MEET SPECIFIED REQUIREMENTS, MAY BE REJECTED BY THE CONSULTANT WHENEVER FOUND AT ANY TIME PRIOR TO FINAL ACCEPTANCE OF THE WORK REGARDLESS OF PREVIOUS INSPECTION. IF REJECTED, DEFECTIVE MATERIALS OR WORK SHALL BE PROMPTLY REMOVED AND REPLACED OR REPAIRED TO THE SATISFACTION OF THE CONSULTANT, AT NO EXPENSE TO THE OWNER.

1 / S001 KEYPLAN
SCALE: NTS

Salas O'Brien
2235 Sheppard Ave. E.
Suite No. 1100
Toronto, ON M2J 5B5
Salas O'Brien Canada Inc.
2549-01751-00

NO.	DESCRIPTION	DATE
7	ISSUED FOR TENDER	2026.05.05
6	ISSUED FOR PERMIT	2026.04.08
5	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
4	ISSUED FOR PERMIT	2026.03.10
3	ISSUED FOR 90% CLIENT REVIEW	2026.01.30
2	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1	ISSUED FOR CLIENT REVIEW	2025.11.14

REVISIONS

PROJECT

Region of Peel
working with you

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the architect and the design professional whose seal is affixed to this drawing and whose signature is below.

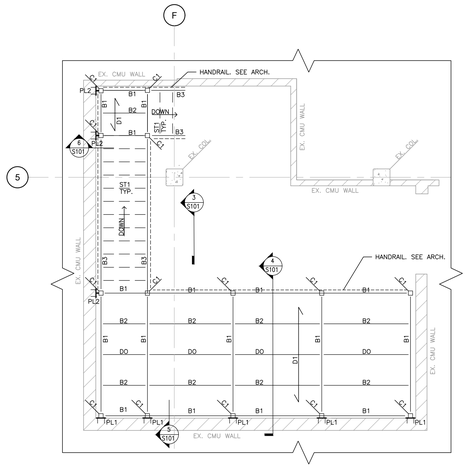
ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Salas O'Brien Canada Inc.
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
GENERAL NOTES

SHEET NO.	DRAWN BY	CHECKED
S001	CC	RN
	PROJECT NO. 2520797	
	SCALE AS NOTED	



1 S101 MEZZANINE FRAMING PLAN
SCALE: 1:50

DRAWING NOTES:

1. READ THIS DRAWING IN CONJUNCTION WITH GENERAL NOTES, ARCHITECTURAL DRAWING AND ALL OTHER CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL DRAWING FOR FIREPROOFING REQUIREMENT.

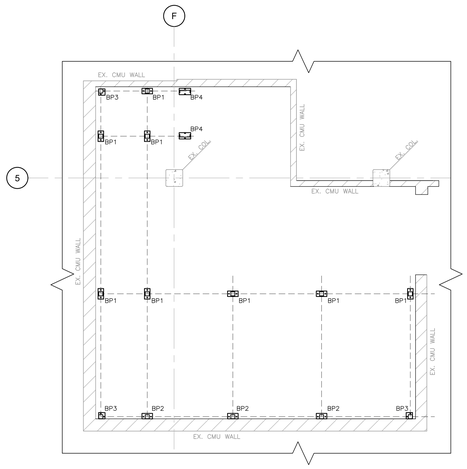
3. CONTRACTOR IS RESPONSIBLE TO SITE VERIFY ALL DIMENSIONS, EXISTING STRUCTURAL MEMBER SIZES, AND EXISTING CONDITIONS. CONTRACTOR TO NOTIFY OUR OFFICE OF ANY DISCREPANCY NOTED BETWEEN AS-BUILT CONDITION AND WHAT IS SHOWN ON THESE DRAWINGS.

4. DESIGN LOADS:
   a. LIVE LOAD ..... 4.8 kPa
   b. DEAD LOAD ..... 1.0 kPa

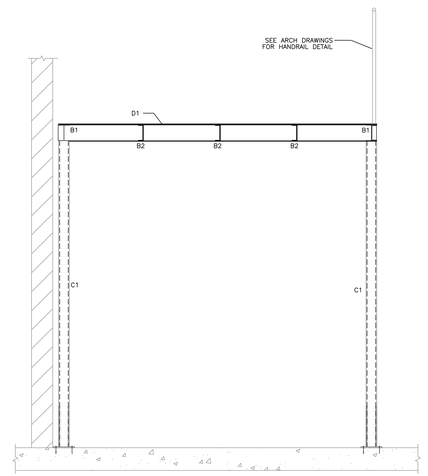
5. SECTION MARKS:

B1: W150x14. CONNECT TO POSTS FOR Vf=50 kN
B2: C150x12. CONNECT FOR Vf=15 kN
B3: C250x23 STRINGER, c/w L76x76x9.5 x 200 LONG CLIP ANGLES AT BASE. CONNECT TO THE EXISTING CONCRETE SLAB USING 16mmØ ANCHORS.
ST1: STAIR TREAD SUPPORTED BY L51X51X6.4 SEAT ANGLES CONNECTED TO B3. SEE ARCH. DWG's FOR STAIR TREAD STYLE AND SPECIFICATIONS.
C1: HSS102x102x6.4 POST, c/w BP1, BP2 or BP3, SEE FLOOR PLAN 2/S101 FOR DETAIL. CONNECT TO EXISTING CONCRETE SLAB USING 2-16mmØ ANCHORS. SEE 8/S101, 9/S101 AND 10/S101 FOR DETAILS. ALSO, HSS TO BE CONNECTED TO PL1 AND PL2 FOR Vf = 8.0 kN.
D1: 8mm THICK CHECKER PLATE. CONTRACTOR TO SUBMIT PRODUCT SPECIFICATIONS FOR CONSULTANT'S REVIEW.
BP1: 220x130x12 BASE PLATE, ANCHOR TO EXISITNG CONCRETE SLAB USING 2-16mmØ KIWIK BOLT TZ2, 100 MINIMUM EMBEDMENT. SEE 8/S101 FOR DETAIL.
BP2: 220x115x12 BASE PLATE, ANCHOR TO EXISITNG CONCRETE SLAB USING 2-16mmØ KIWIK BOLT TZ2, 100 MINIMUM EMBEDMENT. SEE 9/S101 FOR DETAIL.
BP3: 150x150x12 BASE PLATE, ANCHOR TO EXISITNG CONCRETE SLAB USING 2-16mmØ KIWIK BOLT TZ2, 100 MINIMUM EMBEDMENT. SEE 10/S101 FOR DETAIL.
BP4: 270x150x12 BASE PLATE, ANCHOR TO EXISITNG CONCRETE SLAB USING 2-16mmØ KIWIK BOLT TZ2, 100 MINIMUM EMBEDMENT.
PL1: PL220x100x6.4. CONNECT TO EXISITNG MASONRY WALL USING 2-HIT-HY 100 + THEADED ROD 16mmØ AND EFECTIVE EMBEDMENT 110mm.
PL2: PL220x100x6.4. CONNECT TO EXISITNG MASONRY WALL USING 2-HIT-HY 100 + THEADED ROD 16mmØ AND EFECTIVE EMBEDMENT 110mm. AND CONNECT TO CT WITH t=12mm PLATE. CONNECT FOR Vf = 8.0 kN.

6. STEEL FABRICATOR TO PROVIDE AND INSTALL OBC AND OHSA COMPLIANT HANDRAIL. NEW HANDRAIL IS TO CONFORM TO CURRENT CODE REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS. SUBMIT A STAMPED SHOP DRAWING FOR THE ENGINEER'S REVIEW.



2 S101 PART GROUND FLOOR
SCALE: 1:50



4 S101 SECTION
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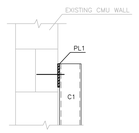

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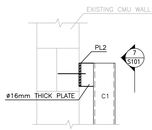

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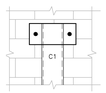
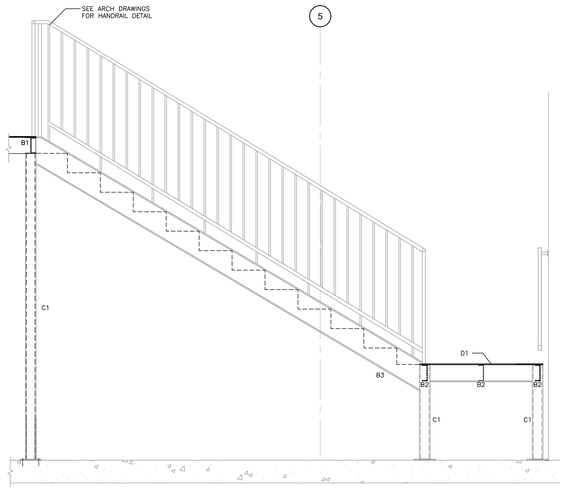


7 S101 SECTION
SCALE: 1:10

8 S101 DETAIL
SCALE: 1:10

9 S101 DETAIL
SCALE: 1:10

10 S101 DETAIL
SCALE: 1:10



3 S101 ELEVATION
SCALE: 1:20

Salas O'Brien
2235 Sheppard Ave. E.
Suite No. 1100
Toronto, ON M2J 5B5
Salas O'Brien Canada Inc.
2549-01751-00

NO.	DESCRIPTION	DATE
7	ISSUED FOR TENDER	2026.05.05
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1	ISSUED FOR CLIENT REVIEW	2025.11.14

REVISIONS

PROJECT

Region of Peel
working with you

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

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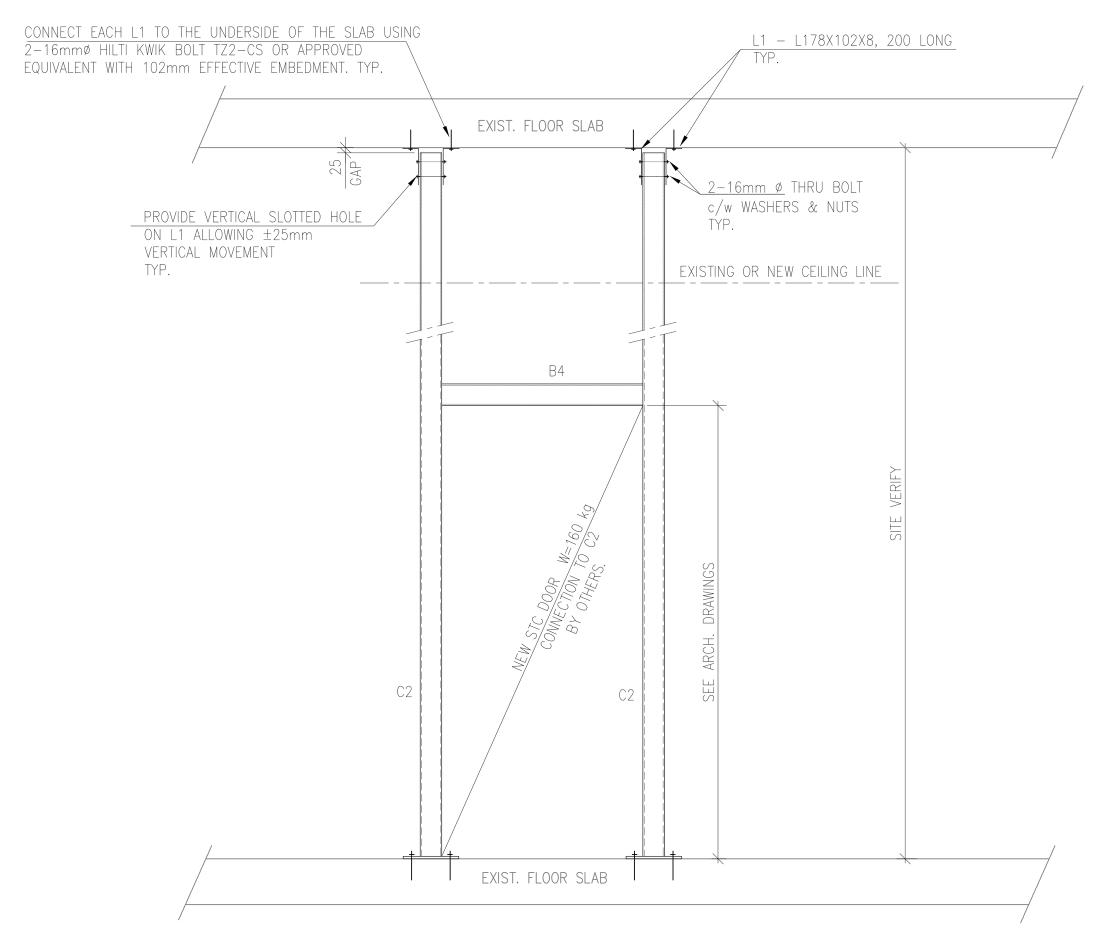
ISSUED FOR CONSTRUCTION DATE

NORTH

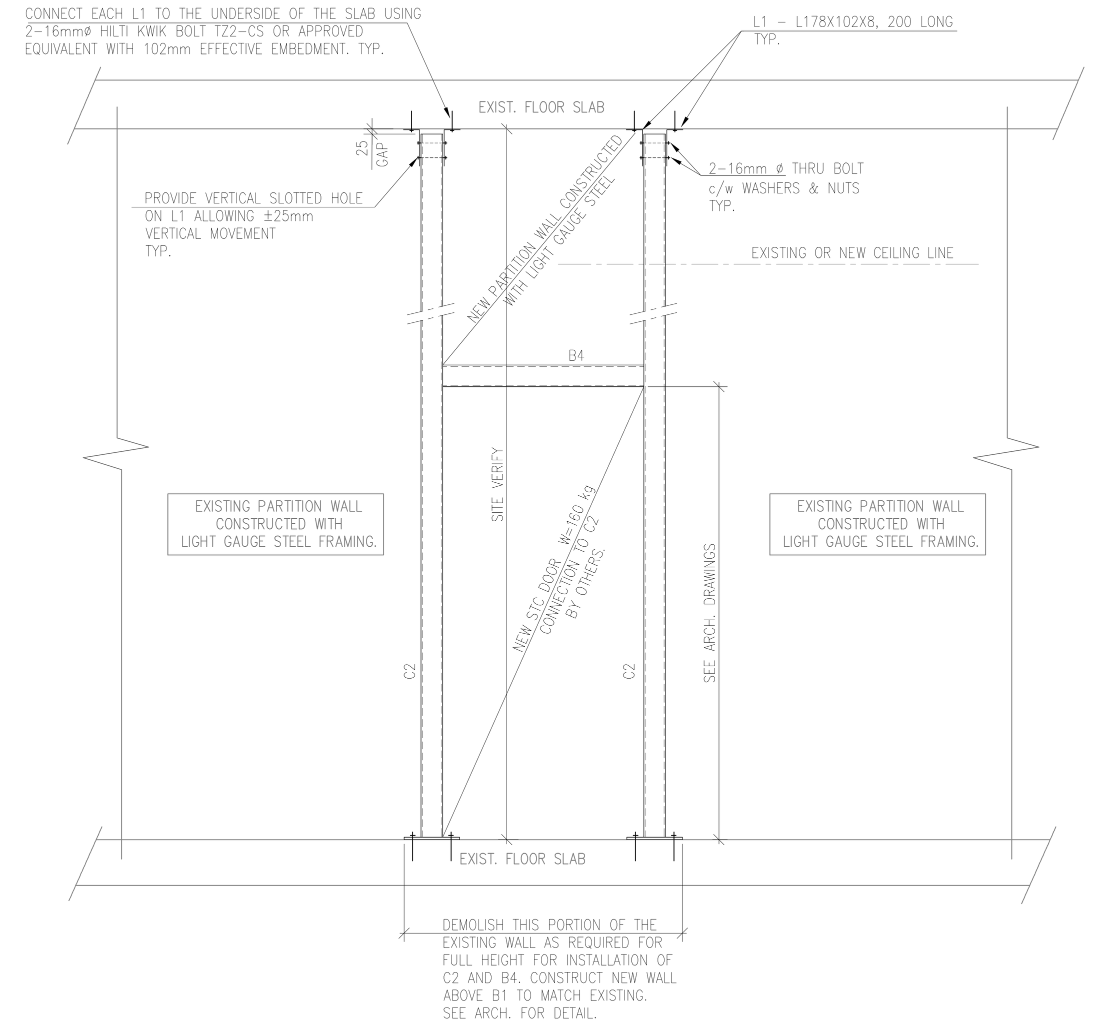
STRUCTURAL CONSULTANT
Salas O'Brien Canada Inc.
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
MEZZANINE FRAMING PLAN AND SECTIONS

SHEET NO. S101
DRAWN BY EY
CHECKED DC
PROJECT NO. 2520797
SCALE AS NOTED



1 / S102 TYPICAL SECTION – STC DOOR LATERAL SUPPORT
WHEN INSTALLED WITHIN NEW PARTITION WALLS (CONSTRUCTED WITH CONCRETE BLOCK OR LIGHT GAUGE STEEL) 1:20
SEE ARCHITECTURAL DRAWINGS FOR QUANTITY AND LOCATION.



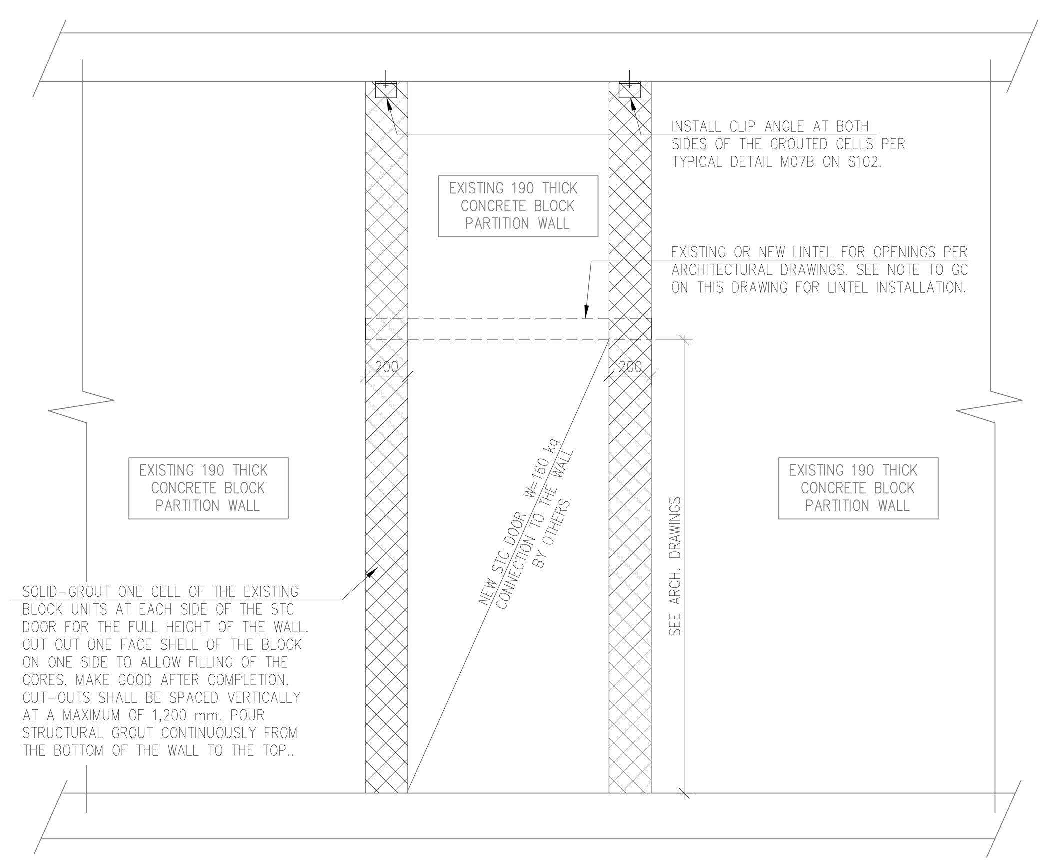
2 / S102 OPTION 1 – STC DOOR LATERAL SUPPORT WHEN INSTALLED
WITHIN EXISTING LIGHT GAUGE STEEL PARTITION WALL 1:20
SEE ARCHITECTURAL DRAWINGS FOR QUANTITY AND LOCATION.

DRAWING NOTES:

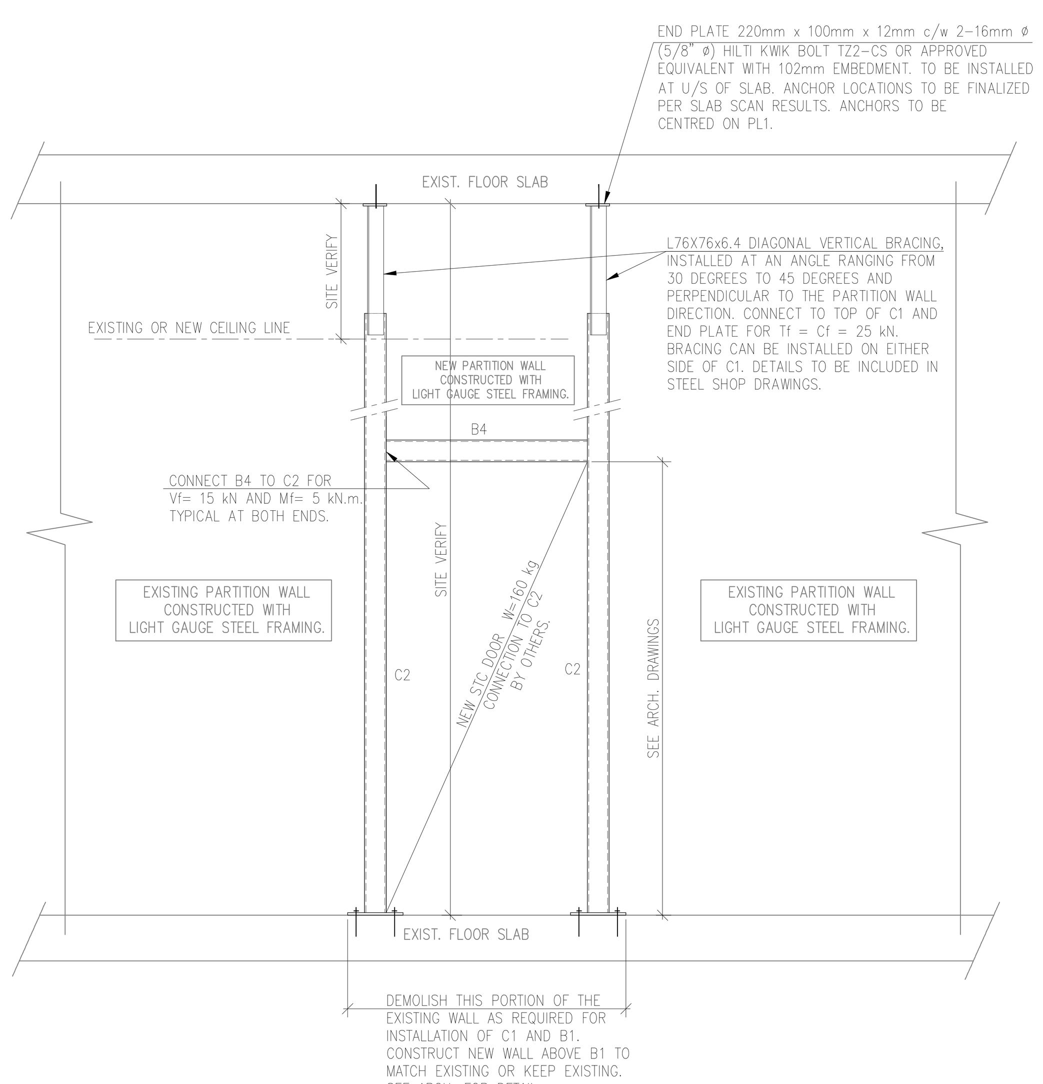
1. READ THIS DRAWING IN CONJUNCTION WITH S001 (GENERAL NOTES) AND ALL OTHER CONTRACT DOCUMENTS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND EXACT LOCATION OF NEW / EXISTING PARTITION WALLS, DIMENSIONS NOT SHOWN, AND EXTENT OF WORK. CONTRACTOR IS RESPONSIBLE TO SITE VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. CONTRACTOR TO NOTIFY OUR OFFICE OF ANY DISCREPANCY NOTED BETWEEN THE AS-BUILT CONDITION AND WHAT IS SHOWN ON THESE DRAWINGS.
3. SECTION MARKS:
   a. C2: HSS 89X89X8 FULL HEIGHT. CONNECT FOR Vf=40 kN. CONNECT TO THE EXISTING FLOOR SLAB USING BASE PLATE 250X100X10 c/w 2–16mmø HILTI KWIK BOLT TZ2–CS OR APPROVED EQUIVALENT WITH 102mm EMBEDMENT INTO THE SLAB. BASE PLATE AND ANCHORS TO BE INSTALLED WITHIN THE NEW PARTITION WALLS. LENGTH OF C2 TO BE SITE VERIFIED. TOP OF C2 TO HAVE VERTICAL SLOTTED CONNECTION AS SHOWN IN SECTIONS ON THIS DRAWING.
   b. C3: HSS 102X102X8 FULL HEIGHT. CONNECT FOR Vf=40 kN. CONNECT TO THE EXISTING FLOOR SLAB USING BASE PLATE 250X100X10 c/w 2–16mmø HILTI KWIK BOLT TZ2–CS OR APPROVED EQUIVALENT WITH 102mm EMBEDMENT INTO THE SLAB. BASE PLATE AND ANCHORS TO BE INSTALLED WITHIN THE NEW PARTITION WALLS. LENGTH OF C3 TO BE SITE VERIFIED. TOP OF C3 TO HAVE VERTICAL SLOTTED CONNECTION AS SHOWN IN SECTIONS ON THIS DRAWING.
   c. B4: HSS 89X89X6.4. CONNECT FOR Vf= 40 kN.
   d. B5: HSS 102X76X6.4, LLH. CONNECT AT EACH END FOR Vf= 30 kN.
5. BEFORE DRILLING AT ANCHOR LOCATIONS, CONTRACTOR TO CONDUCT X-RAY OR GPR SCAN TO LOCATE ANY EXISTING SERVICES OR REINFORCEMENT IN THE SLAB. DO NOT CUT EXISTING REBAR OR CONDUITS FOR ANCHOR INSTALLATION.
6. WE UNDERSTAND THAT SOME MECHANICAL AND ELECTRICAL INTERFERENCES ARE TO BE REMOVED/RELOCATED/REINSTATED TO ALLOW INSTALLATION OF STRUCTURAL STEEL SUPPORT SHOWN IN THIS DRAWING. COORDINATE WITH MECHANICAL AND ELECTRICAL CONSULTANTS PRIOR TO ANY REMOVALS. CONTRACTOR IS RESPONSIBLE TO SURVEY THE SITE PRIOR TO PRICING FOR FABRICATION OF STEEL.
7. UNLESS NOTED OTHERWISE, CONNECT ALL STEEL MEMBERS FOR Vf = 40 kN. CONNECT WITH WELDS OR MINIMUM 2 BOLTS.
8. STEEL SHOP DRAWINGS TO BE PREPARED PER SITE CONDITION/ MEASUREMENTS AND COORDINATED WITH PARTITION WALL SUPPLIER. SUBMIT STAMPED SHOP DRAWINGS FOR CONSULTANT'S REVIEW.
9. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN, EXTENT OF THE WORK, AND FIREPROOFING REQUIREMENTS.
10. SEE GENERAL NOTES ON S001 FOR THIRD PARTY INSPECTION REQUIREMENT.
11. CONTRACTOR IS RESPONSIBLE TO PROVIDE SUFFICIENT NOTICE FOR OUR FINAL SITE REVIEW PRIOR TO CLOSING THE WORK AREA WITH FINISHES.

IMPORTANT NOTE TO GC:

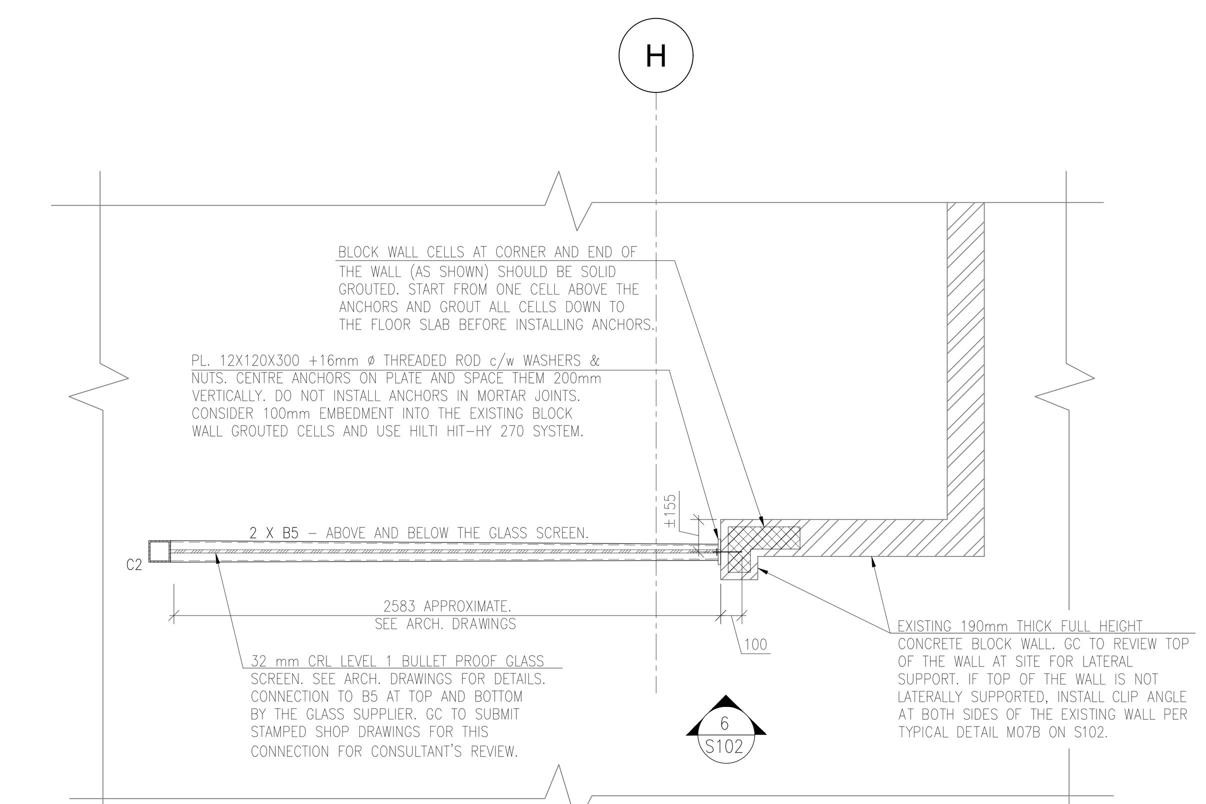
1– GC TO PROVIDE STRUCTURAL LINTEL FOR THE NEW DOORS IN NEW MASONRY PARTITION WALLS PER TYPICAL DETAIL M01B SHOWN ON THIS DRAWING. FOR LOCATIONS AND QUANTITY OF THE NEW LINTELS SEE ARCHITECTURAL DRAWINGS. FOR SIZE OF LINTELS SEE TABLE M01A SHOWN ON THIS DRAWING.
2– TOP OF ALL NEW PARTITION MASONRY WALLS SHOULD BE LATERALLY SUPPORTED PER TYPICAL DETAIL M07B SHOWN ON THIS DRAWING. FOR LOCATION OF NEW MASONRY PARTITION WALLS SEE ARCHITECTURAL DRAWINGS. GC TO SUBMIT STAMPED SHOP DRAWINGS FOR THE WALL STEEL FRAMING LATERAL SUPPORT FOR CONSULTANT'S REVIEW.
3– GC TO FOLLOW THE BELOW STEPS WHERE EXISTING DOOR OPENING IN AN EXISTING MASONRY WALL NEEDS TO BE WIDEN OR A NEW DOOR OPENING NEEDS TO BE CREATED THROUGH AN EXISTING BLOCK WALL. FOR EXACT OPENING LOCATIONS AND OPENING SIZES SEE ARCHITECTURAL DRAWINGS.
   3.1. NEEDLE SHORE THE EXISTING MASONRY WALL OR SHORE THE LIGHT GAGE STEEL WALL ABOVE THE EXISTING LINTEL OR THE NEW OPENING. GC TO SUBMIT STAMPED SHORING SHOP DRAWINGS FOR CONSULTANT'S REVIEW.
   3.2. REMOVE EXISTING LINTEL FOR CREATING NEW OPENING OR EXISTING BLOCK UNITS FOR WIDENING EXISTING OPENING.
   3.3. INSTALL NEW LINTEL PER TYPICAL DETAIL SHOWN ON M01B.



4 / S102 STC DOOR LATERAL SUPPORT WHEN INSTALLED
WITHIN EXISTING CONCRETE BLOCK PARTITION WALL 1:20
SEE ARCHITECTURAL DRAWINGS FOR QUANTITY AND LOCATION.



3 / S102 OPTION 2 – STC DOOR LATERAL SUPPORT WHEN INSTALLED
WITHIN EXISTING LIGHT GAUGE STEEL PARTITION WALL 1:20
SEE ARCHITECTURAL DRAWINGS FOR QUANTITY AND LOCATION.



5 / S102 PART GROUND FLOOR PLAN – RECEPTION WITH GLASS SCREEN
SEE ARCHITECTURAL DRAWINGS FOR LOCATION. 1:20

NON-LOAD BEARING BLOCK WALL LINTELS — M01A

STRUCTURAL STEEL LINTELS

WALL OPENING CLEAR SPAN	MASONRY BLOCK THICKNESS 90 (4")	140 (6")	190 (8")	240 (10")	290 (12")
300mm TO 500mm (12" TO 22")	75mm X 8mm PL (3"x5/16" PL)	125mm X 8mm PL (5"x5/16" PL)	175mm X 8mm PL (7"x5/16" PL)	225mm X 8mm PL (9"x5/16" PL)	275mm X 8mm PL (11"x5/16" PL)
550mm TO 1200mm (22" TO 4'-0")	1-L89x89x6.4 OR 2-L44x44x4.8	1-L127x89x6.4 (LLH) OR 2-L64x44x6.4	2-L89x89x6.4	L102x89x6.4 (LLH) + L127x89x6.4 (LLH)	3-L89x89x6.4
1200mm TO 1830mm (4'-0" TO 6'-0")	1-L127x89x7.9 (LLV) OR 2-L51x38x6.4(LLV)	1-L127x127x7.9 OR 2-L89x64x6.4 (LLV)	2-L89x89x6.4	L102x89x6.4 (LLH) + L127x89x6.4 (LLH)	3-L89x89x6.4
1830mm TO 2440mm (6'-0" TO 8'-0")	1-L127x89x7.9 (LLV)	1-L127x127x7.9 OR 2-L89x64x7.9 (LLV)	2-L127x89x6.4 (LLV)	L102x102x7.9 + L127x102x7.9 (LLH)	3-L127x89x6.4 (LLV)
2440mm TO 3080mm (8'-0" TO 10'-0")	1-L127x89x9.5 (LLV)	1-L127x127x7.9	2-L127x89x7.9 (LLV)	L152x102x7.9 (LLV)+ L127x127x7.9	3-L127x89x7.9 (LLV)
3080mm TO 3660mm (10'-0" TO 12'-0")	N/A	N/A	W200x27 + 175x6.4 PL. BOTTOM	W200x27 + 225x6.4 PL. BOTTOM	N/A

STRUCTURAL STEEL LINTEL NOTES:

1. WHEN PROVIDING MULTIPLE ANGLES SEE DIAGRAMS FOR ORIENTATION. BOLT DOUBLE ANGLES BACK TO BACK USING 16mmØ BOLTS OR PROVIDE 6mmX50mm (1/4"x2") LONG WELDS @450mm (18") O/C STARTING AT 100mm (4") MAX FROM THE EACH END OF THE LINTEL.
2. SAWCUT WEBS OF BLOCK IN COURSE OF BLOCK OVER OPENING AS NECESSARY TO INSTALL ANGLES.
3. ALTERNATIVES PROVIDED FOR CASES WHERE EXPOSED FACE OF SINGLE ANGLE IS NOT ACCEPTABLE.
4. AL COMPONENTS OF THE STEEL LINTELS THAT ARE EXPOSED TO WEATHER SHOULD BE HOT-DIP GALVANIZED.

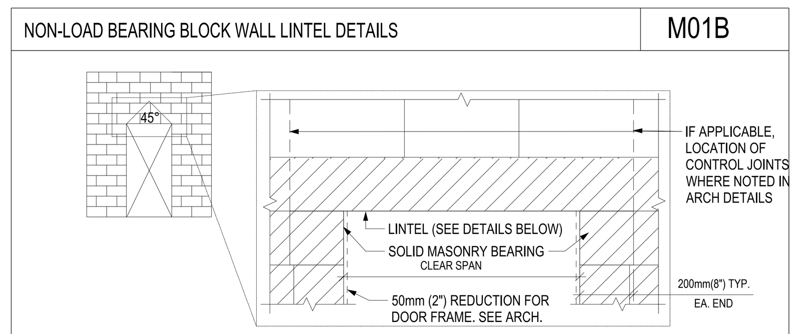
MASONRY BEAM LINTELS

WALL OPENING CLEAR SPAN	MASONRY BLOCK THICKNESS	140 (6")	190 (8")	240 (10")	290 (12")
0mm TO 1200mm (0" TO 4'-0")		390 (16") DEEP 1-10M B	390 (16") DEEP 1-10M B	190 (8") DEEP 1-10M B	190 (8") DEEP 1-10M B
1200mm TO 1830mm (4'-0" TO 6'-0")		390 (16") DEEP 1-10M B	390 (16") DEEP 1-10M B	390 (16") DEEP 1-10M B	390 (16") DEEP 1-15M B
1830mm TO 2440mm (6'-0" TO 8'-0")		390 (16") DEEP 1-10M B	390 (16") DEEP 1-15M B	390 (16") DEEP 1-15M B	390 (16") DEEP 1-15M B
2440mm TO 3080mm (8'-0" TO 10'-0")		390 (16") DEEP 1-10M B	390 (16") DEEP 1-15M B	390 (16") DEEP 1-15M B	390 (16") DEEP 3-10M B

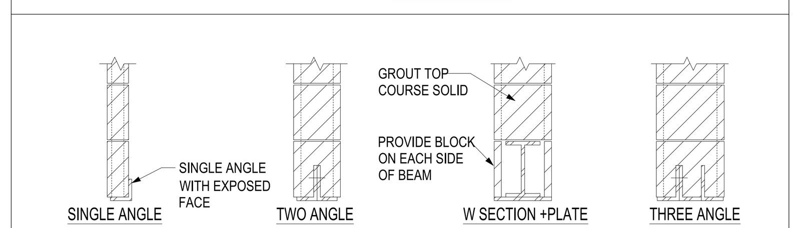
MASONRY BEAM LINTEL NOTES:

1. BEAM MUST BE FILLED WITH MASONRY GROUT (MORTAR IS NOT ACCEPTABLE). REFER TO M03 FOR DETAILS.
2. TEMPORARILY SHORE LINTEL UNTIL GROUT HAS REACHED FULL DESIGN STRENGTH.

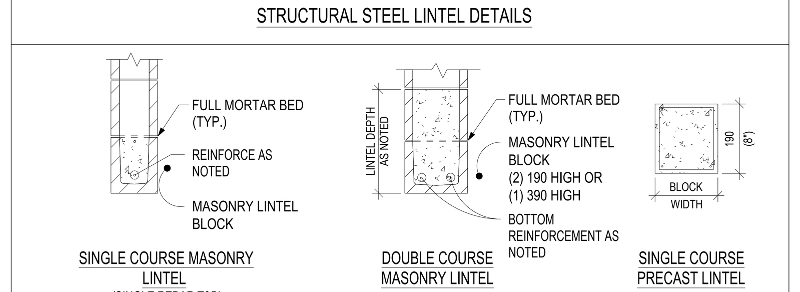
NON-LOAD BEARING BLOCK WALL LINTEL DETAILS — M01B



LINTEL DETAILS

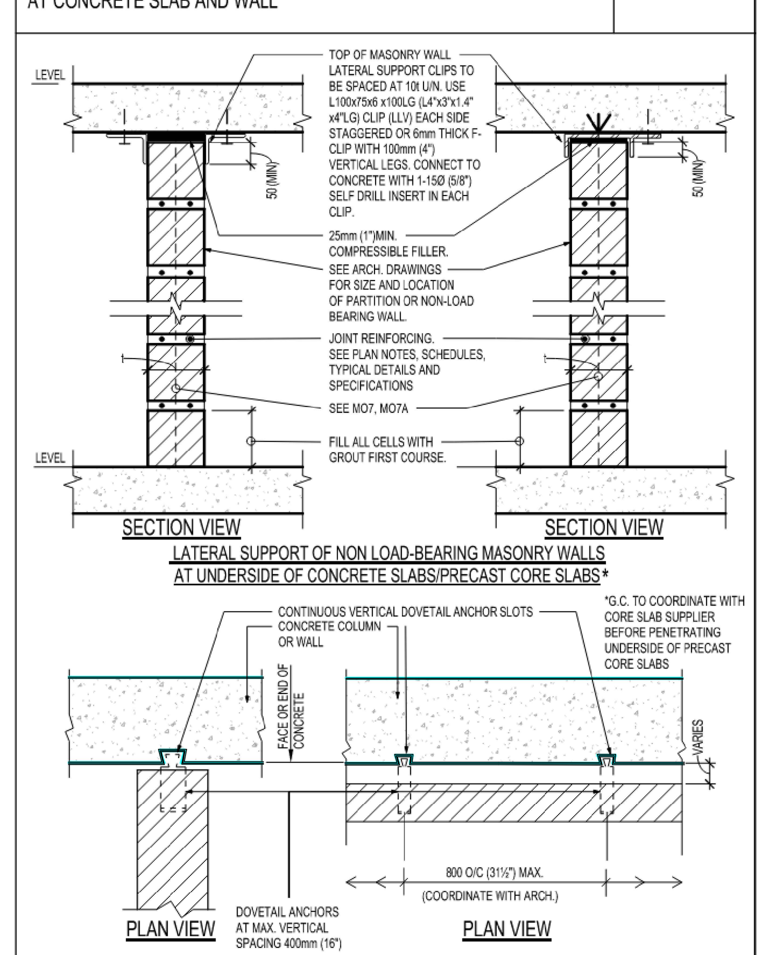


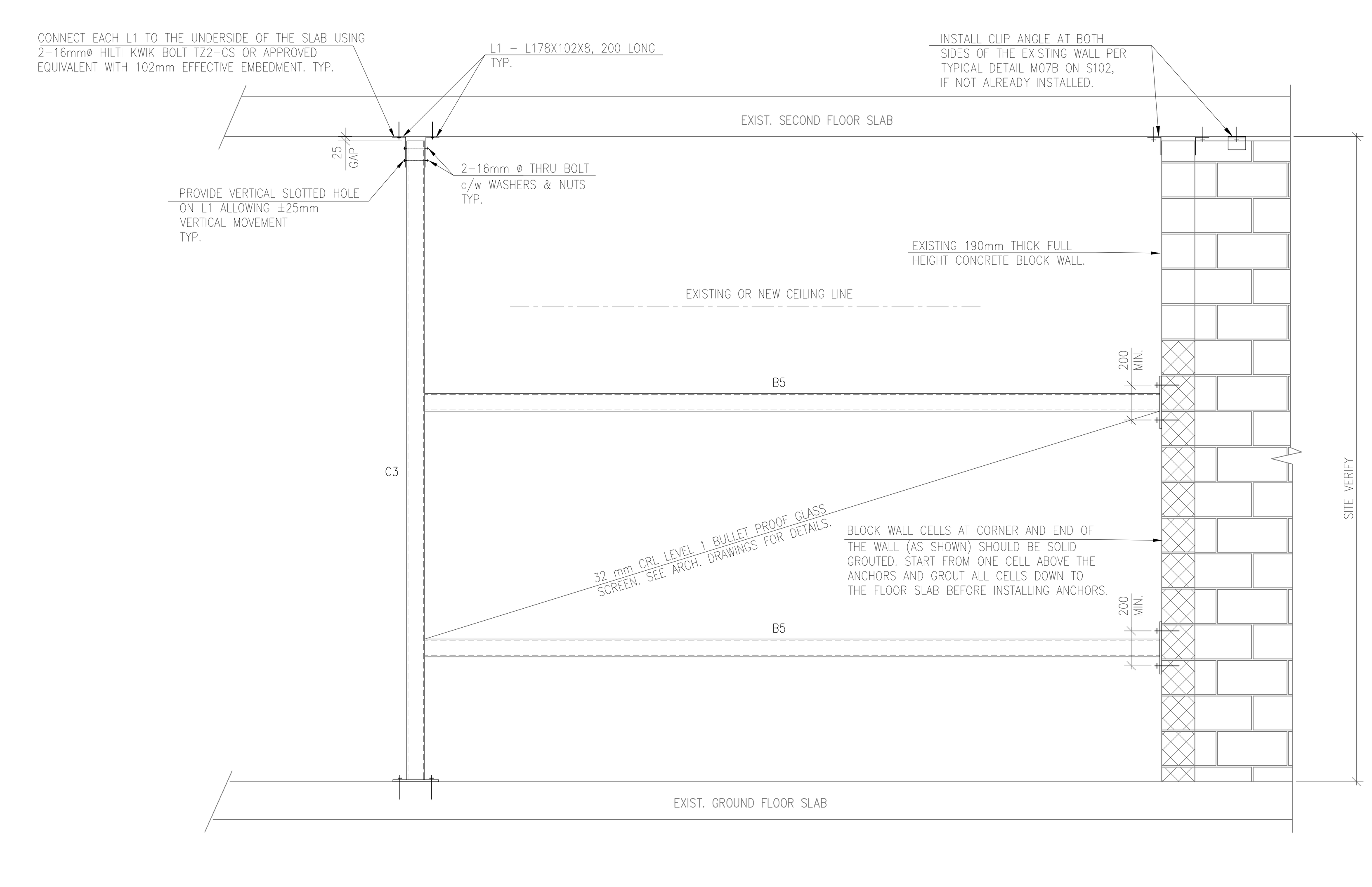
STRUCTURAL STEEL LINTEL DETAILS



MASONRY AND PRECAST BEAM LINTEL DETAILS

DETAILS OF NON LOAD-BEARING MASONRY WALLS AT CONCRETE SLAB AND WALL — M07B





6 / S102 ELEVATION 1:20

Salas O'Brien
2235 Sheppard Ave. E.
Suite No. 1100
Toronto, ON M2J 5B5
Salas O'Brien Canada Inc.
2549-01751-00

NO.	DESCRIPTION	DATE
5	ISSUED FOR TENDER	2026.05.05
4	ISSUED FOR PERMIT	2026.04.08
3	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2	ISSUED FOR PERMIT	2026.03.10
1	ISSUED FOR 90% CLIENT REVIEW	2026.01.30

REVISIONS

PROJECT

Region of Peel working with you

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.
This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH — PROJECT NORTH

STRUCTURAL CONSULTANT: Salas O'Brien Canada Inc.
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE: LATERAL SUPPORT FOR TOP OF NEW OR EXISTING STC RATED DOORS

SHEET NO.: S102
DRAWN BY: EY
CHECKED: DC
PROJECT NO.: 2520797
SCALE: AS NOTED

AIR SIDE SYSTEM ABBREVIATIONS

AC	AIR CONDITIONING	HX	HEAT EXCHANGER
ACD	AUTOMATIC CONTROL DAMPER	LAT	LEAVING AIR TEMPERATURE
ACC	AIR CURTAIN	M/A	MIXED AIR
APD	AIR PRESSURE DROP	MAT	MIXED AIR TEMPERATURE
AT	AIR TERMINAL	MAU	MAKE UP AIR
AVS	AIR VOLUME TRAVERSE STATION	O/A	OUTSIDE AIR
AS	AIR SEPARATOR	OAI	OUTSIDE AIR INTAKE
B	BOILER	OBD	OPPOSED BLADE DAMPER
BDD	BACKDRAFT DAMPER	OED	OPEN END DUCT
CD	CEILING DIFFUSER (SUPPLY)	R/A	RETURN AIR
CFM	CUBIC FEET PER MINUTE	RAT	RETURN AIR TEMPERATURE
CTE	CONNECT TO EXISTING	RG	RETURN AIR GRILLE OR REGISTER
CV	CONSTANT VOLUME	RLF	RELIEF
DL/ UC	DOOR LOUVER / UNDERCUT DOOR	RV	ROOF VENT
DWDI	DOUBLE WIDTH DOUBLE INLET	S/A	SUPPLY AIR
E/A	EXHAUST AIR	SEA	SMOKE EXHAUST AIR
EAT	ENTERING AIR OR EXHAUST AIR TEMP.	SAT	SUPPLY AIR TEMPERATURE
EG	EXHAUST AIR GRILLE OR REGISTER	SF	SUPPLY FAN
ET	EXPANSION TANK	SP	STATIC PRESSURE
ESP	EXTERNAL STATIC PRESSURE	SS	STAINLESS STEEL DUCT
F&B	FACE AND BYPASS	SWDI	SINGLE WIDTH DOUBLE INLET
FC	FORWARD CURVE OR FLEXIBLE CONNECTION	SWSI	SINGLE WIDTH SINGLE INLET
FA	FREE AREA	TG	TRANSFER AIR GRILLE
FPI	FINS PER INCH	TSP	TOTAL STATIC PRESSURE
G/E	GENERAL EXHAUST	UH	UNIT HEATER
HVLS	HIGH VELOCITY LOW SPEED FAN	VAV	VARIABLE AIR VOLUME
HEPA	HIGH EFFICIENCY PARTICULATE AIR FILTER	WMS	WIRE MESH SCREEN

AIR SYSTEM LEGEND

	RECTANGULAR SUPPLY/ OUTSIDE AIRDUCT UP	L/S	SPACE PRESSURIZATION ARROW
	RECTANGULAR SUPPLY/ OUTSIDE AIR DUCT DOWN	DL/ UC	DOOR LOUVER / UNDERCUT DOOR
	RECTANGULAR RETURN/ RELIEF AIR DUCT UP		SUPPLY AIRFLOW ARROW
	RECTANGULAR RETURN/ RELIEF AIR DUCT DOWN		RETURN OR EXHAUST AIRFLOW ARROW
	RECTANGULAR EXHAUST AIR DUCT UP		AIR VOLUME TRAVERSE STATION
	RECTANGULAR EXHAUST AIR DUCT DOWN		EXHAUST AIR GRILLE OR REGISTER
	ROUND SUPPLY/ OUTSIDE AIR DUCT UP		DIFFUSER WITH FLOW DIRECTION. NO FLOW ARROWS INDICATES STANDARD 4-WAY PATTERN.
	ROUND SUPPLY/ OUTSIDE AIR DUCT DOWN		
	ROUND RETURN/ RELIEF. AIR DUCT UP		SIDE WALL GRILLE
	ROUND RETURN/ RELIEF AIR DUCT DOWN		RETURN AIR GRILLE OR REGISTER
	ROUND EXHAUST AIR DUCT UP		FLEXIBLE CONNECTION
	ROUND EXHAUST AIR DUCT DOWN	VD	MANUAL VOLUME DAMPER FOR ROUND AND RECTANGULAR DUCT
	SINGLE LINE DUCT	SGD	SLIDE GATE DAMPER FOR ROUND AND RECTANGULAR DUCT
ACD	AUTOMATIC CONTROL DAMPER FOR ROUND AND RECTANGULAR DUCT	CSFD	COMBINATION SMOKE/FIRE DAMPER FOR ROUND AND RECTANGULAR DUCT
BDD	BACKDRAFT DAMPER FOR ROUND AND RECTANGULAR DUCT	SD	SMOKE DAMPER FOR ROUND AND RECTANGULAR DUCT
FD	FIRE DAMPER FOR ROUND AND RECTANGULAR DUCT	T	THERMOSTAT

PIPING LEGEND

CHWS	CHILLED WATER SUPPLY	CBV	CIRCUIT BALANCING VALVE
CHWR	CHILLED WATER RETURN		PIPE ANCHOR
CCHWS	CRITICAL 24/7 CHILLED WATER SUPPLY		PIPE GUIDE
CCHRW	CRITICAL 24/7 CHILLED WATER RETURN	EJ	EXPANSION JOINT
CHWSCP	CENTRAL CHILLED WATER SUPPLY	% SLOPE	PIPE SLOPE (REFER TO PLANS FOR SLOPE)
CHWRCP	CENTRAL CHILLED WATER RETURN		AUTOMATIC AIR VENT
GS	GLYCOL SUPPLY		BALL VALVE
GR	GLYCOL RETURN		BUTTERFLY VALVE
HWS	HEATING WATER SUPPLY		PRESSURE INDEPENDENT CONTROL VALVE
HWR	HEATING WATER RETURN		CONTROL VALVE - 2 WAY
	SINGLE LINE PIPE RISE		CONTROL VALVE - 3 WAY
	SINGLE LINE PIPE DROP		CHECK VALVE
	PIPE TEE OFF THE TOP		FLOW CONTROL VALVE
	PIPE TEE OFF THE BOTTOM		GATE VALVE
	PIPE TEE OFF THE SIDE		GLOBE VALVE
	BLIND FLANGE		ISOLATION VALVE
	END CAP		MANUAL AIR VENT
	PIPE BREAK		PRESSURE GAUGE
	DIRT LEG		STRAINER
G	NATURAL GAS		STRAINER W/ DRAIN VALVE, HOSE BIBB, & CAP (USE GATE VALVE FOR STEAM)
SAN	SANITARY DRAIN (ABOVE FLOOR LEVEL)		THERMOMETER
SAN	SANITARY DRAIN (UNDERGROUND OR BELOW FLOOR SLAB)		UNION
V	SANITARY VENT		BALANCING VALVE
	DOMESTIC COLD WATER		VALVE ON PIPING RISE OR DROP
	DOMESTIC HOT WATER		FLOW REGULATOR VALVE
	DOMESTIC HOT WATER RECIRCULATION		REDUCER - CONCENTRIC
			REDUCER - ECCENTRIC
			FLEXIBLE CONNECTION

FIRE PROTECTION LEGEND

	CONCEALED SPRINKLER HEAD
	SIDE WALL SPRINKLER HEAD
	SEMI-RECESSED SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	WALL MOUNTED FIRE DEPARTMENT CONNECTION
FHC FHV	FIRE HOSE CABINET, FIRE HOSE VALVE
FEC	FIRE EXTINGUISHER RECESSED
FE	FIRE EXTINGUISHER WALL MOUNT
	DRY-PIPE VALVE ASSEMBLY
	WET-PIPE VALVE ASSEMBLY
SP	SPRINKLER MAIN
DRY	DRY PIPE MAIN
FP	FIRE PROTECTION PIPE
S	SUPERVISORY VALVE
	FLOW SWITCH

PIPING SYSTEM ABBREVIATIONS

AV	AUTOMATIC AIR VENT	MBFV	MOTORIZED BUTTERFLY VALVE
BBD	BOILER BLOW DOWN	NPSH	NET POSITIVE SUCTION HEAD
BF	BOILER FEEDWATER	NPSHA	NET POSITIVE SUCTION HEAD AVAILABLE
BFV	BUTTERFLY VALVE	NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
BV	BALL VALVE	OS&Y	OUTSIDE STEM AND YOKE
CBST	COMBO. BALANCING/ SHUTOFF VALVE W/PRESS. TAPS	PG	PRESSURE GAUGE
		PRV	PRESSURE REDUCING VALVE
CHV	CHECK VALVE	RED	REDUCER
CO	CLEAN OUT	SOV	SHUT-OFF VALVE
CV	FLOW COEFFICIENT OR CONTROL VALVE	SRV	SAFETY RELIEF VALVE
DOV	DRAIN OFF VALVE	ST	STEAM TRAP
DX	DIRECT EXPANSION	STR	STRAINER
EWT	ENTERING WATER TEMPERATURE	SV	SOLENOID VALVE
FC	FLEXIBLE CONNECTION	S(XXX)	SECONDARY (SYSTEM DEPENDENT PREFIX)
FCV	FLOW CONTROL VALVE	TAV	THERMOSTATIC AIR VENT (STEAM ONLY)
FM	FLOW METER	TDH	TOTAL DYNAMIC HEAD
GLV	GLOBE VALVE	TH	THERMOMETER
GV	GATE VALVE	TW	TEST WELL (PETE'S PLUG)
HD	HEAD	T(XXX)	TERTIARY (SYSTEM DEPENDENT PREFIX)
ISV	ISOLATION VALVE	WPD	WATER PRESSURE DROP
LWT	LEAVING WATER TEMPERATURE		
MAV	MANUAL AIR VENT		

EXISTING AND DEMOLITION SYMBOLS

SYMBOL	DESCRIPTION
	EXISTING EQUIPMENT/SERVICES
	EXISTING EQUIPMENT/SERVICES TO BE REMOVED
R	EXISTING EQUIPMENT/SERVICES TO BE REMOVED AND RELOCATED
R	RELOCATED EQUIPMENT/SERVICES
CTE	CONNECT TO EXISTING
	CAPPED SERVICE

GENERAL NOTES

1. CONTRACTOR TO PROVIDE ALL AIR AND WATER BALANCING PRE-TESTS. CONTRACTOR TO PROVIDE CUTTING & PATCHING FOR THE INSTALLATION OF HIS WORK. EMPLOY THE SERVICES OF THE GENERAL TRADES CONTRACTOR IF NECESSARY.
2. CO-ORDINATE NEW SERVICES WITH EXISTING BUILDING STRUCTURE, EXISTING SERVICES & WORK.
3. CONTRACTOR SHALL COORDINATE WITH ALL NEW AND EXISTING MECHANICAL AND ELECTRICAL SERVICES WHEN MAKING THE PIPE AND EQUIPMENT CONNECTIONS ON SITE.
4. CONTRACTOR SHALL MODIFY SUPPORTS, PAINT AND FINISH TO SUIT CONDITION FOR ALL NEW WORK DONE. RE-INSULATE PIPES AS REQUIRED.
5. THE CONTRACTOR IS TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL INCLUDE FOR AN AIR BALANCING BY A CERTIFIED 3RD PARTY AFTER CONSTRUCTION FOR THE AREA IN THIS PROJECT. SUBMIT ALL BALANCING REPORTS FOR REVIEW AND APPROVAL. COSTS TO PERFORM AIR BALANCING TO BE INCLUDED IN THE TENDER FOR THE WORK OF MECHANICAL DIVISION.
7. CONTRACTOR TO PAY FOR AND OBTAIN ALL REQUIRED PERMITS, FEES, LICENSES, CERTIFICATES OF INSPECTION ETC. IF REQUIRED.
8. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF ANY WORK, AND SHALL NOTIFY THE CONSULTANT IMMEDIATELY OF ANY DISCREPANCY BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS. NO WORK SHALL BE PERFORMED IN THE AFFECTED AREA UNTIL A RESOLUTION HAS BEEN ESTABLISHED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SEALING PENETRATIONS THROUGH FIRE RATED, SMOKE RATED OR COMBINATION FIRE & SMOKE RATED SEPARATIONS. SEE SPECIFICATIONS FOR FIRE & SMOKE RATED SEALANTS.
10. CONTRACTOR TO PROVIDE APPARATUS WITH PROPER NAMEPLATES AFFIXED THERETO, SHOWING THE SIZE, NAME OF EQUIPMENT, SERIAL NUMBER AND ALL INFORMATION USUALLY PROVIDED, WHICH ALSO INCLUDES VOLTAGE. CYCLE. PHASE AND HORSEPOWER OF MOTORS AND THE NAME AND ADDRESS OF THE MANUFACTURER.
11. CONTRACTOR TO SEAL ALL SLEEVES THROUGH FIRE RATED WALLS AND FLOORS AND WITHIN MECHANICAL ASSEMBLIES, STOP INSULATION FLUSH WITH ALL WALL AND FLOOR SURFACES AND SEAL SPACE BETWEEN PIPE AND SLEEVE WITH ULC APPROVED AND LISTED FIRE STOPPING MATERIAL AS REQUIRED.
12. CONTRACTOR TO SEAL ALL SLEEVES THROUGH ALL NON FIRE RATED WALLS AND FLOORS STOP INSULATION, WHERE APPLICABLE, AT WALL AND FLOOR SURFACES AS REQUIRED.
13. CONTRACTOR TO COVER SLEEVES AND OPENINGS AROUND EXPOSED PIPING IN ALL FINISHED AREAS WITH CHROME PLATED ESCUTCHEONS AS REQUIRED.
14. CONTRACTOR TO PROVIDE FIRE WATCH DURING CONSTRUCTION, ETC. AS PER REQUIREMENT OF PEEL REGIONAL POLICE AND AUTHORITY HAVING JURISDICTION.
15. COORDINATE MECHANICAL WORK WITH WORK OF ALL OTHER DIVISIONS.
16. ALL CRANING WORK TO BE COORDINATED WITH OWNER, AND SCHEDULED. ALLOW FOR WEEKEND WORK.
17. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS WITHIN 2 WEEKS AFTER COMMISSIONING IS COMPLETED.
18. ALL DRAWINGS ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATIONS ONLY AND MAY BE ALTERED BY THE ENGINEERS TO MEET THE REQUIREMENTS OF THE PROJECT. ALL ROUTING OF SERVICES ARE APPROXIMATE. ARCHITECTURAL IS STILL IN DEVELOPMENT. MECHANICAL SERVICES SHOWN ARE APPROXIMATE BASED ON CONCEPTUAL DESIGN ONLY AND ARE SUBJECT TO CHANGE BASED ON FINAL LAYOUT AND RCP.
19. ALL 90° MITERED DUCT ELBOW SHOWING IN PLAN DRAWINGS SHALL BE C/W TURNING VANE.
20. PIPING ON SITE MIGHT BE DIFFERENT THAN SHOWN. DURING CONSTRUCTION. ADDITIONAL CARE IS REQUIRED TO MAKE SURE SERVICE IS NOT INTERRUPTED FOR THE REST OF THE BUILDING AND NO PIPING IS DEMOLISHED BY MISTAKE. ANY TEMPORARY SERVICE INTERRUPTIONS DURING CONSTRUCTION FOR NEW CONNECTIONS HAS TO BE COORDINATED WITH THE PEEL REGIONAL POLICE BUILDING MANAGEMENT.

DRAWING LIST

DRAWING NO	DRAWING NAME
M100	COVER SHEET, LEGENDS, DRAWING LIST
M201	PARTIAL BASEMENT FLOOR - HVAC DEMO & NEW
M202	PARTIAL GROUND FLOOR - HVAC DEMO & NEW
M203	PARTIAL SECOND FLOOR - HVAC DEMO & NEW
M204	PARTIAL THIRD FLOOR - HVAC DEMO & NEW
M301	PARTIAL BASEMENT FLOOR - PLUMBING DEMO & NEW
M302	PARTIAL GROUND FLOOR - PLUMBING DEMO & NEW
M303	PARTIAL SECOND FLOOR - PLUMBING DEMO & NEW
M304	PARTIAL THIRD FLOOR - PLUMBING DEMO & NEW
M401	PARTIAL BASEMENT FLOOR - FP DEMO & NEW
M402	PARTIAL GROUND FLOOR - FP DEMO & NEW
M403	PARTIAL SECOND FLOOR - FP DEMO & NEW
M404	PARTIAL THIRD FLOOR - FP DEMO & NEW
M501	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
M602	MECHANICAL SCHEDULES

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
COVER SHEET, LEGENDS & DRAWING LIST

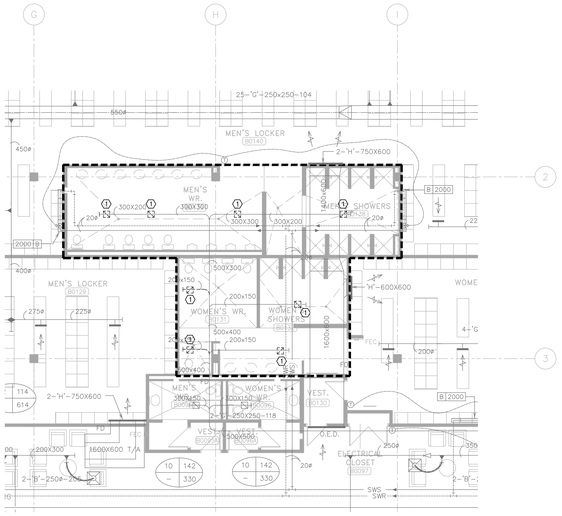
SHEET NO. M100

DRAWN BY: SS/LL

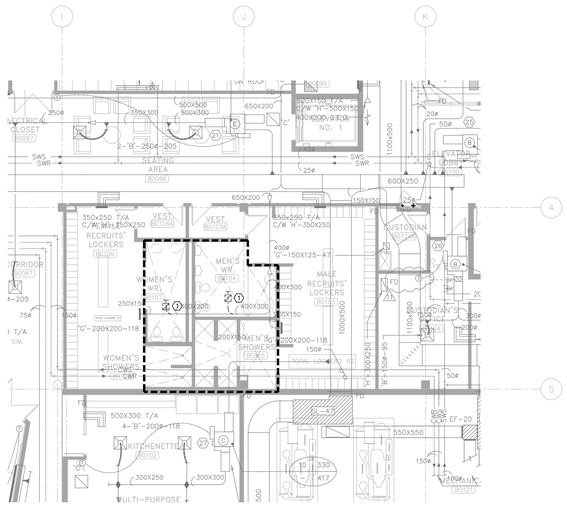
CHECKED: KE

PROJECT NO. MRK-25008951-A0

SCALE



1 M201 PARTIAL BASEMENT HVAC PLAN - DEMO
SCALE: 1:100



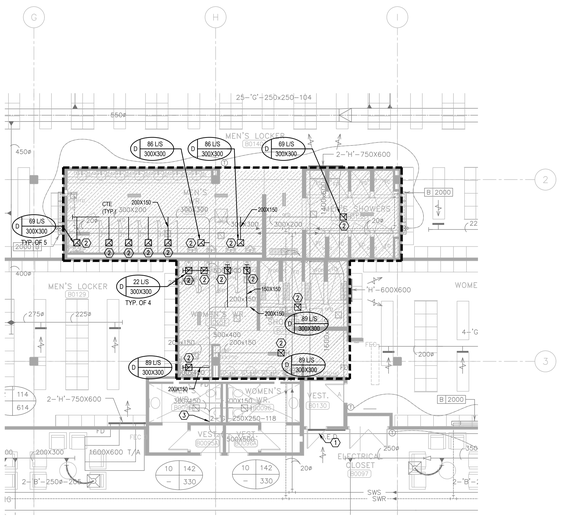
2 M201 PARTIAL BASEMENT HVAC PLAN - DEMO
SCALE: 1:100

HVAC GENERAL DEMO NOTES:

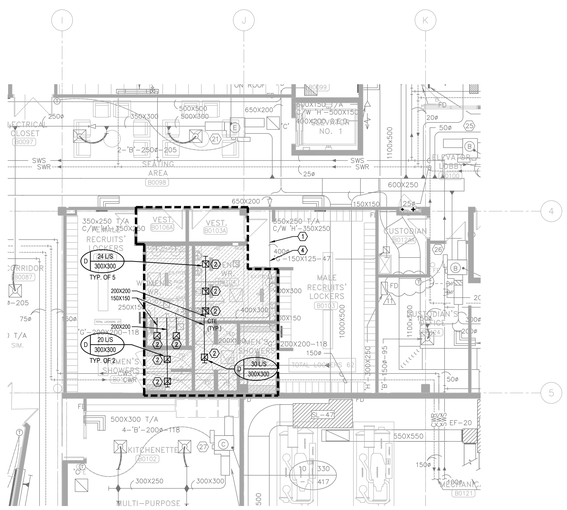
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE. IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSETTING INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDING THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.
14. ALL EXISTING & NEW HVAC DUCTWORK PENETRATION THROUGH STC RATED WALL ASSEMBLIES SHALL FOLLOW INSTALLATION DETAIL IDENTIFIED IN 9/M501. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL ASSEMBLIES WITH STC REQUIREMENTS. (TYP.)

HVAC DEMO. DRAWING NOTES:

1. DIFFUSER/GRILLE TO BE DEMOLISHED. CAP DUCTWORK BACK TO MAIN, AS SHOWN.
2. RESERVED



3 M201 PARTIAL BASEMENT HVAC PLAN - NEW
SCALE: 1:100



4 M201 PARTIAL BASEMENT HVAC PLAN - NEW
SCALE: 1:100

HVAC GENERAL NEW NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE. IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSETTING INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDING THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA. COORDINATE WITH GC AS REQUIRED.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR. REFER TO ARCHITECTURAL PLANS FOR FIRE SEPARATION DRAWINGS.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL CONTRACTOR SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.

HVAC NEW DRAWING NOTES:

1. EXISTING EA DUCT TO EF-1 ON THE ROOF
2. PROVIDE NEW DIFFUSER/GRILLE. CONNECT TO EXISTING MAIN DUCTWORK AS SHOWN. PROVIDE BALANCING DAMPER AT EACH BRANCH DUCT SERVING NEW DIFFUSER/GRILLE. BALANCE AIRFLOW TO EACH DIFFUSER/GRILLE IN L/S AS INDICATED ON PLAN. REFER TO DIFFUSERS & GRILLES SCHEDULE ON MECHANICAL SCHEDULE DRAWING.
3. EXISTING 500X500 EA DUCT TO REMAIN
4. EXISTING 400X300 EA DUCT TO REMAIN

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report errors and omissions to the architect or the consulting professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is dated.

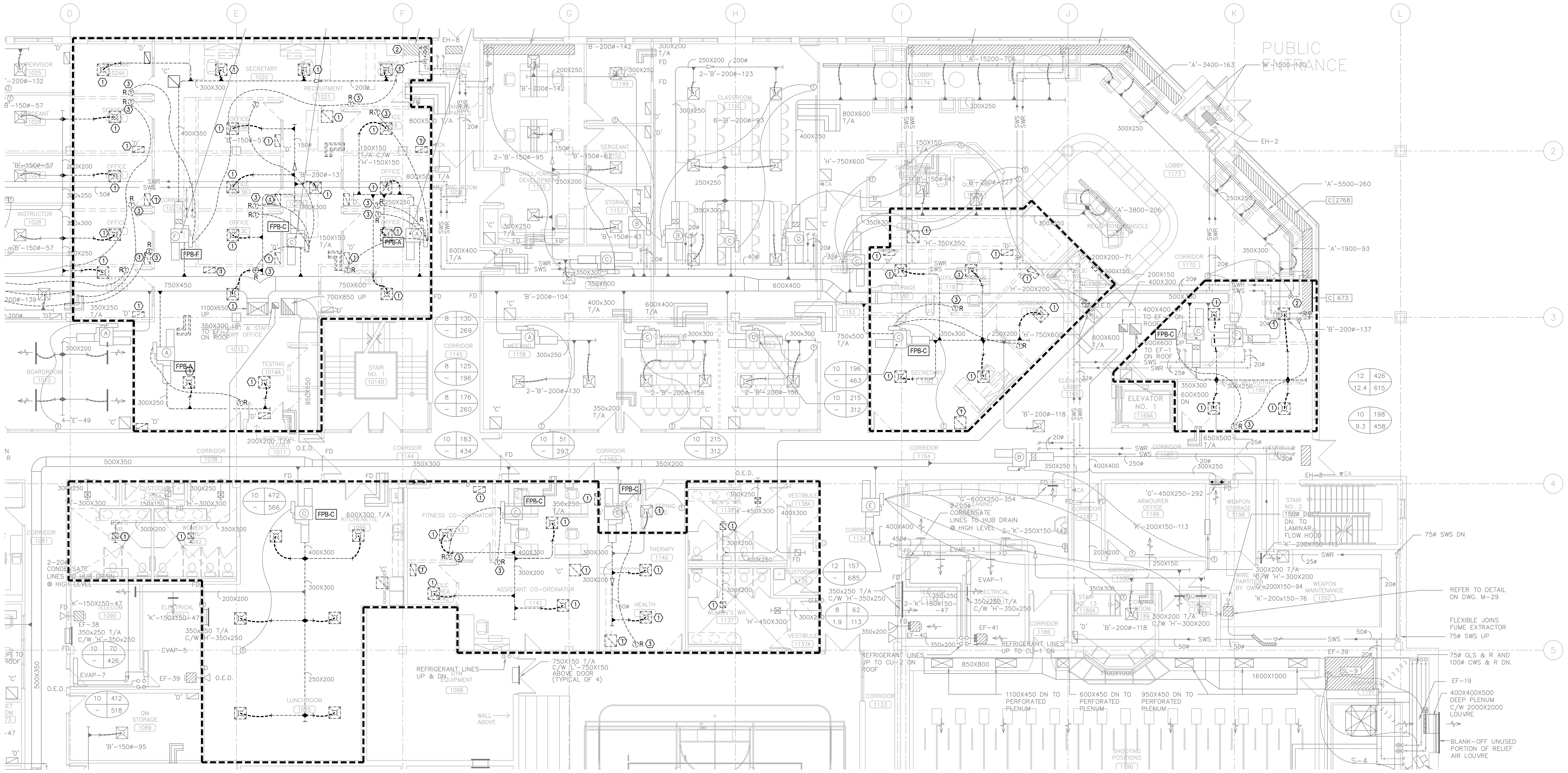
ISSUED FOR CONSTRUCTION | DATE

NORTH

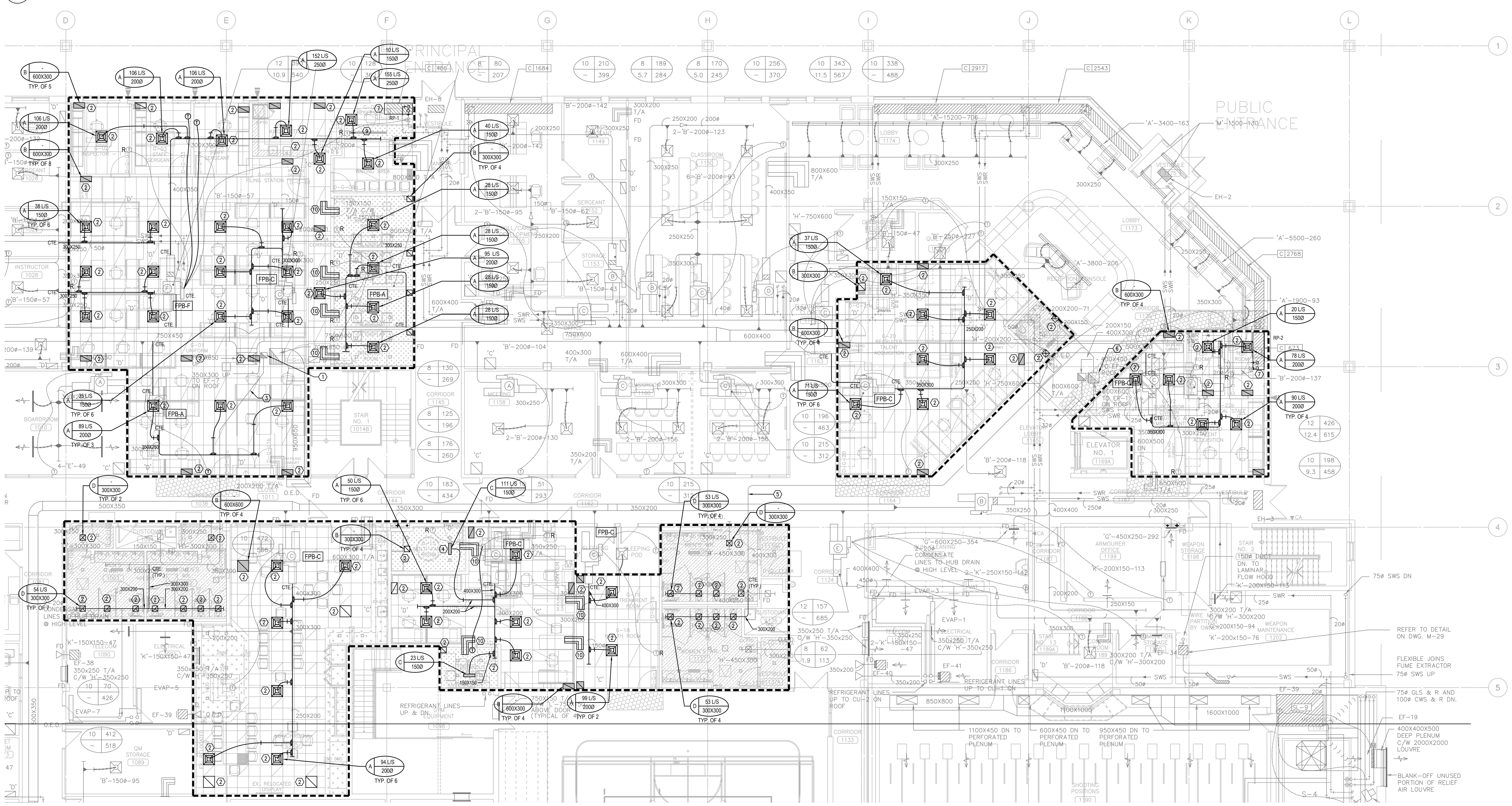
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
PARTIAL BASEMENT FLOOR - HVAC DEMO & NEW

SHEET NO. M201
DRAWN BY: SS/LL
CHECKED: KE
PROJECT NO: MRK-25008951-A0
SCALE



1 M202 PARTIAL GROUND FLOOR HVAC PLAN - DEMO
SCALE: 1:100



2 M202 PARTIAL GROUND FLOOR HVAC PLAN - NEW
SCALE: 1:100

HVAC GENERAL DEMO NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
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8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
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13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.

HVAC DEMO. DRAWING NOTES:

(1) DIFFUSER/GRILLE TO BE DEMOLISHED. CAP DUCTWORK BACK TO MAIN, AS SHOWN.

(2) RADIANT PANEL TO BE DEMOLISHED. CAP HVAC BRANCH PIPING AS SHOWN.

(3) EXISTING THERMOSTAT TO BE REMOVED IN ITS ENTIRETY INCLUDING ALL CONTROL WIRING. THERMOSTAT TO BE RETAINED AND PROPERLY STORED FOR RE-USE IN THE RELOCATED AREA AS SHOWN ON THE NEW WORK PLAN.

HVAC GENERAL NEW NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
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11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL CONTRACTOR SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.
14. ALL EXISTING & NEW HVAC DUCTWORK PENETRATION THROUGH STC RATED WALL ASSEMBLIES SHALL FOLLOW INSTALLATION DETAIL IDENTIFIED IN 3/M501. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL ASSEMBLIES WITH STC REQUIREMENTS. (TYP.)

HVAC NEW DRAWING NOTES:

(1) EXISTING EA DUCT TO EF-7 ON THE ROOF TO REMAIN.

(2) PROVIDE NEW DIFFUSER/GRILLE. CONNECT TO EXISTING MAIN DUCTWORK AS SHOWN. PROVIDE BALANCING DAMPER AT EACH BRANCH DUCT SERVING NEW DIFFUSER/GRILLE. BALANCE AIRFLOW TO EACH DIFFUSER/GRILLE IN L/S AS INDICATED ON PLAN. REFER TO DIFFUSERS & GRILLES SCHEDULE ON MECHANICAL SCHEDULE DRAWING.

(3) EXISTING 350X300 EA DUCT TO REMAIN.

(4) PROVIDE NEW LINEAR SLOT DIFFUSER. CONNECT TO EXISTING MAIN DUCTWORK AS SHOWN. PROVIDE BALANCING DAMPER AT EACH BRANCH DUCT SERVING NEW DIFFUSER. BALANCE AIRFLOW TO EACH DIFFUSER IN L/S AS INDICATED ON PLAN. REFER TO DIFFUSERS & GRILLES SCHEDULE ON MECHANICAL SCHEDULE.

(5) EXISTING 400X300 EA DUCT TO REMAIN.

(6) EA DUCT UP TO EF-1 ON ROOF TO REMAIN.

(7) PROVIDE NEW RADIANT PANEL. CONNECT TO EXISTING 20MM HVAC PIPING AS SHOWN.

(8) RETURN AIR GRILLE (TYP.)

(9) EXISTING HYDRONIC HEATING WATER SUPPLY AND RETURN PIPING TO BE MODIFIED/RE-ROUTED TO RUN ADJACENT OF THE PROPOSED STEEL POST AND BEAM. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.

(10) TRANSFER AIR DUCT AT WALL ABOVE CEILING C/W FIRE DAMPER (WHERE SHOWN). ALL TRANSFER AIR DUCT SHALL BE 350MM X 200MM LINED WITH 25MM ACOUSTIC INSULATION (TYP.)

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

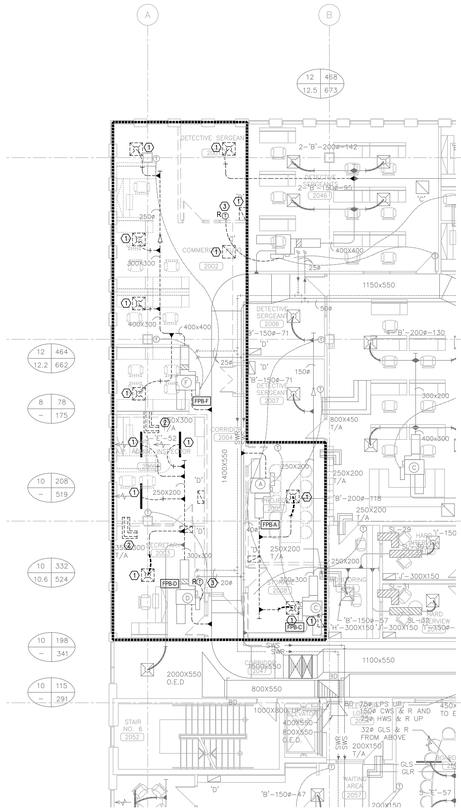
ISSUED FOR CONSTRUCTION DATE

NORTH — PROJECT NORTH

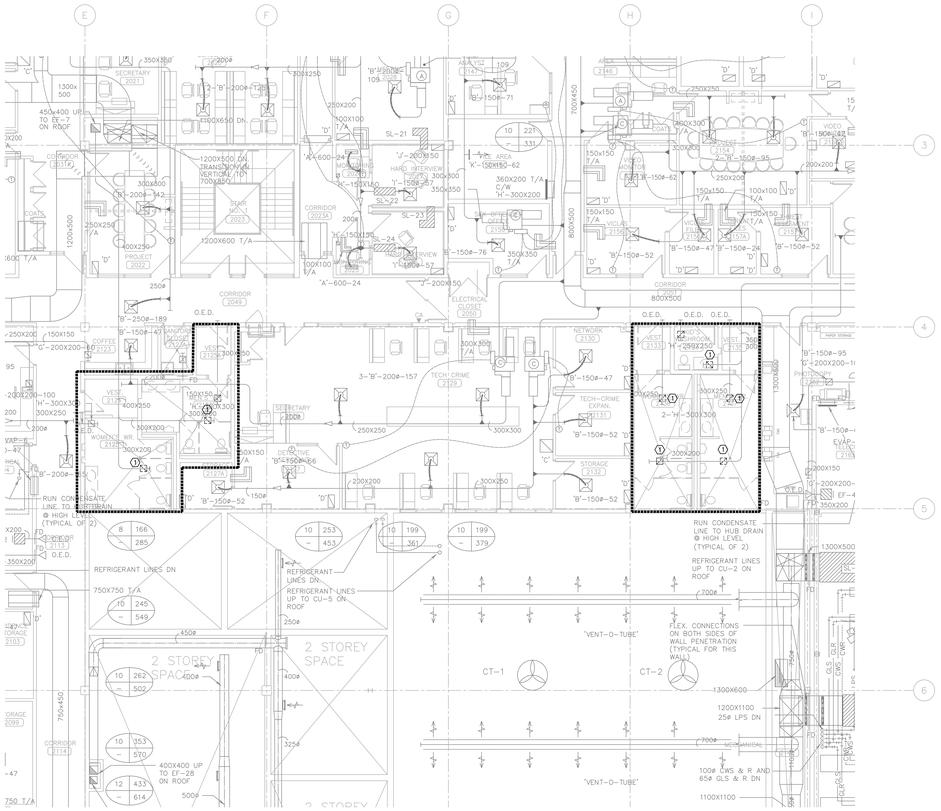
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE: PARTIAL GROUND FLOOR - HVAC DEMO & NEW

SHEET NO.: M202
DRAWN BY: SS/LL
CHECKED: KE
PROJECT NO.: MRK-25008951-A0
SCALE



1 M203 PARTIAL SECOND FLOOR HVAC PLAN - DEMO
SCALE: 1:100



2 M203 PARTIAL SECOND FLOOR HVAC PLAN - DEMO
SCALE: 1:100

HVAC GENERAL DEMO NOTES:

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5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
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8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
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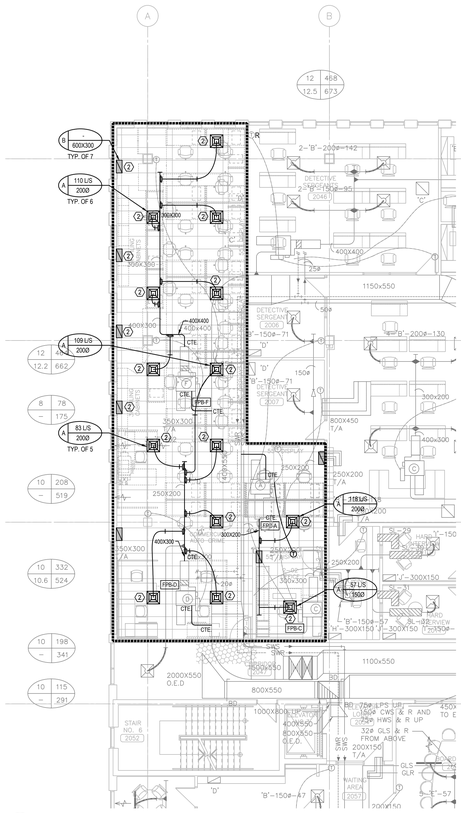
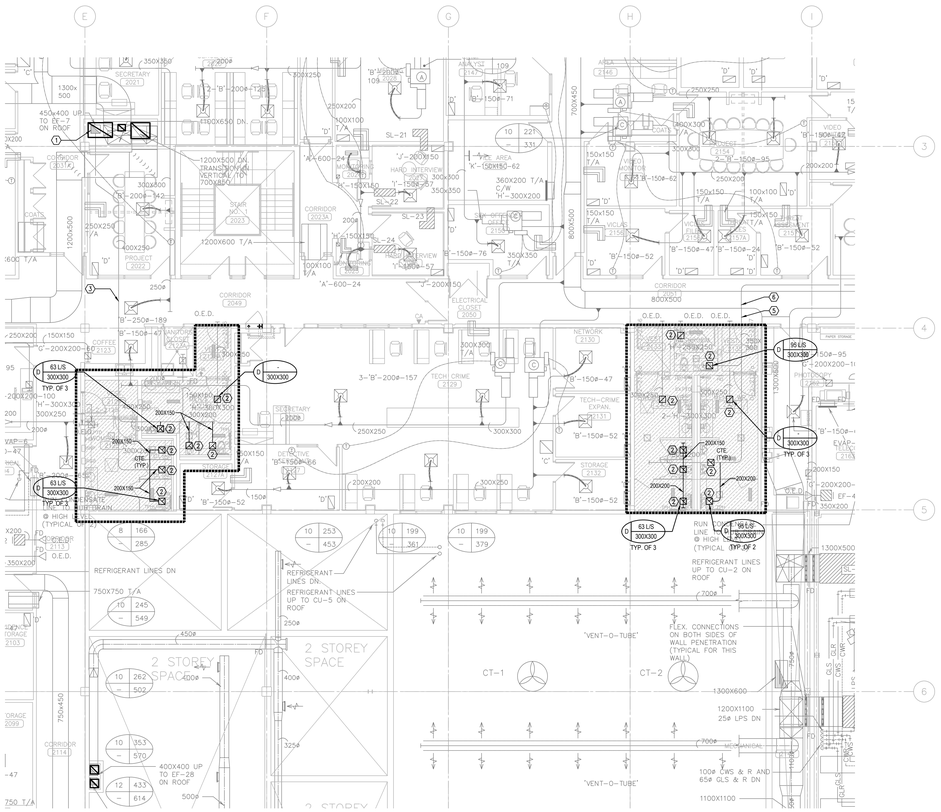
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.

HVAC DEMO. DRAWING NOTES:

1. DIFFUSER/GRILLE TO BE DEMOLISHED. CAP DUCTWORK BACK TO MAIN, AS SHOWN.
2. TRANSFER AIR DUCT TO BE DEMOLISHED.
3. EXISTING THERMOSTAT TO BE REMOVED IN ITS ENTIRETY INCLUDING ALL CONTROL WIRING. THERMOSTAT TO BE RETAINED AND PROPERLY STORED FOR RE-USE IN THE RELOCATED AREA AS SHOWN ON THE NEW WORK PLAN.



3 M203 PARTIAL SECOND FLOOR HVAC PLAN - NEW
SCALE: 1:100



4 M203 PARTIAL SECOND FLOOR HVAC PLAN - NEW
SCALE: 1:100

HVAC GENERAL NEW NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE. IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSETTING INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDING THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL CONTRACTOR SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.

HVAC NEW DRAWING NOTES:

1. EXISTING EA DUCT TO EF-7 ON THE ROOF TO REMAIN.
2. PROVIDE NEW DIFFUSER/GRILLE. CONNECT TO EXISTING MAIN DUCTWORK AS SHOWN. PROVIDE BALANCING DAMPER AT EACH BRANCH DUCT SERVING NEW DIFFUSER/GRILLE. BALANCE AIRFLOW TO EACH DIFFUSER/GRILLE IN L/S AS INDICATED ON PLAN. REFER TO DIFFUSERS & GRILLES SCHEDULE ON MECHANICAL SCHEDULE DRAWING.
3. EXISTING 400X250 EA DUCT TO REMAIN.
4. RESERVED
5. EXISTING 350X300 EA DUCT TO REMAIN.
6. EA DUCT UP TO EF-1 ON ROOF TO REMAIN.
7. RESERVED

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

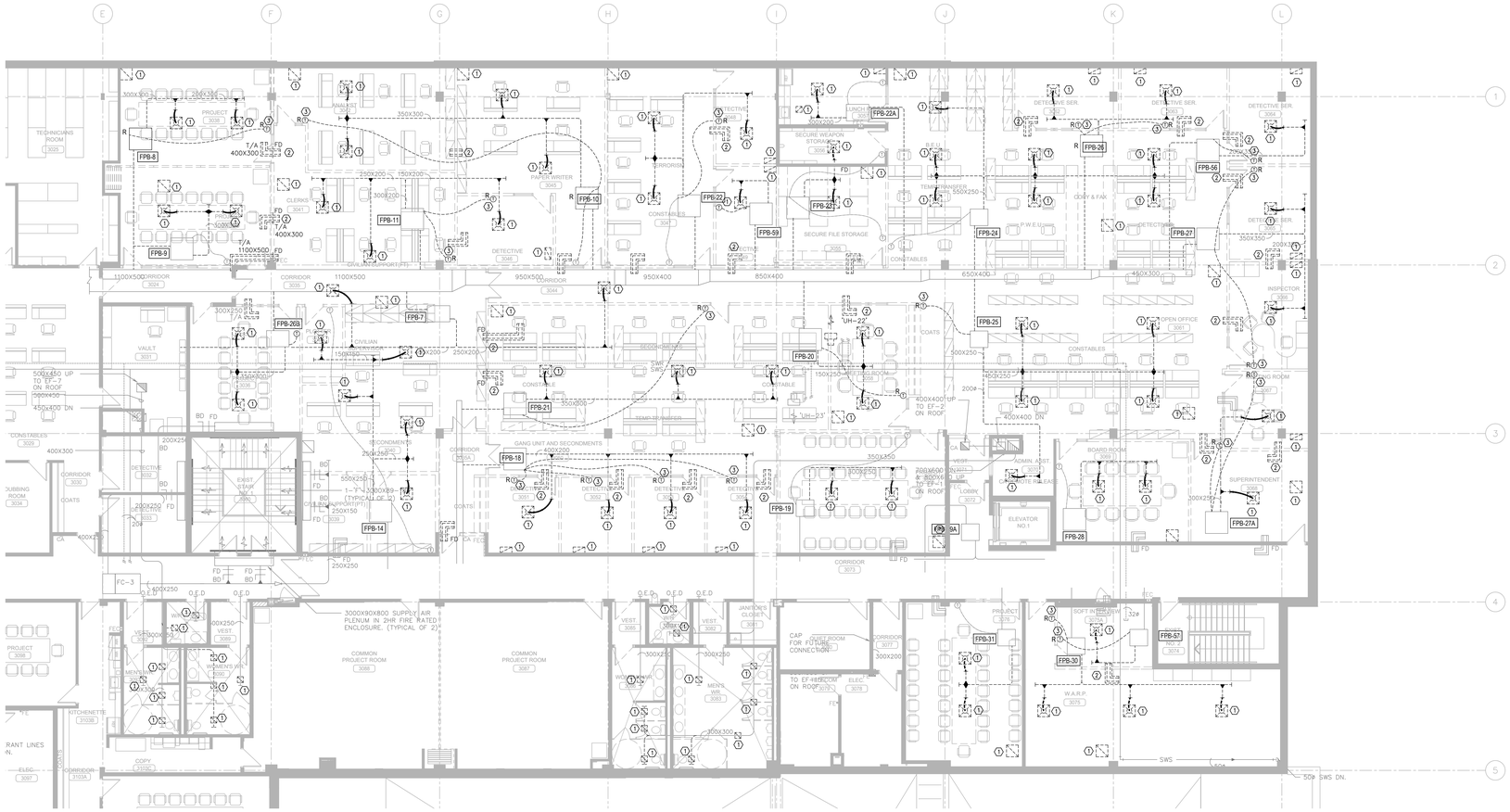
ISSUED FOR CONSTRUCTION
SIGNATURE DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL SECOND FLOOR - HVAC DEMO & NEW

SHEET NO. M203
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



1 M204 PARTIAL THIRD FLOOR HVAC PLAN - DEMO
SCALE: 1:100

HVAC GENERAL DEMO NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
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3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE, IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
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8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
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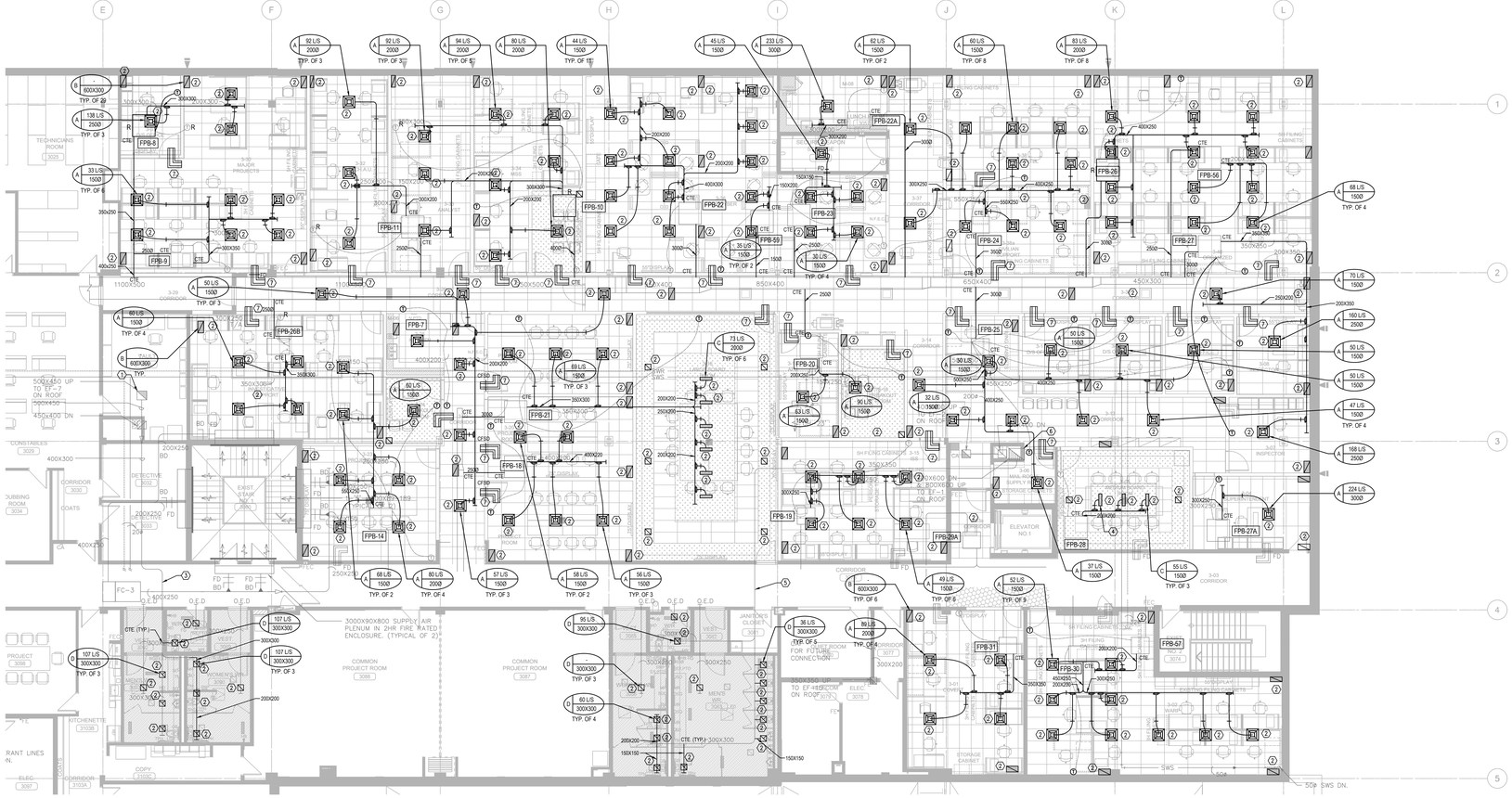
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.

HVAC DEMO. DRAWING NOTES:

1. DIFFUSER/GRILLE TO BE DEMOLISHED. CAP DUCTWORK BACK TO MAIN, AS SHOWN.
2. TRANSFER AIR DUCT TO BE DEMOLISHED.
3. EXISTING THERMOSTAT TO BE REMOVED IN ITS ENTIRETY INCLUDING ALL CONTROL WIRING. THERMOSTAT TO BE RETAINED AND PROPERLY STORED FOR RE-USE IN THE RELOCATED AREA AS SHOWN ON THE NEW WORK PLAN.



2 M204 PARTIAL THIRD FLOOR HVAC PLAN - NEW
SCALE: 1:100

HVAC GENERAL NEW NOTES:

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5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
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8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
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11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL CONTRACTOR SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. ALL EXISTING SERVICES ARE TO REMAIN AS IS UNLESS NOTED ON THE LAYOUT TO BE REMOVED, RELOCATED AND OR MODIFIED.

HVAC NEW DRAWING NOTES:

1. EXISTING EA DUCT TO EF-7 ON THE ROOF
2. PROVIDE AND INSTALL NEW DIFFUSER/GRILLE. CONNECT TO EXISTING MAIN DUCTWORK AS SHOWN. PROVIDE BALANCING DAMPER AT EACH BRANCH DUCT SERVING NEW DIFFUSER/GRILLE. BALANCE AIRFLOW TO EACH DIFFUSER/GRILLE IN L/S AS INDICATED ON PLAN. REFER TO DIFFUSERS & GRILLES SCHEDULE ON MECHANICAL SCHEDULE DRAWING.
3. EXISTING 400X350 EA DUCT
4. SDS LINEAR SLOT DIFFUSER WITH SDA PLENUM BOX (TYP.)
5. EXISTING 750X750 EA DUCT TO REMAIN
6. EA DUCT UP TO EF-1 ON ROOF
7. TRANSFER AIR DUCT AT WALL ABOVE CEILING C/W FIRE DAMPER (WHERE SHOWN). ALL TRANSFER AIR DUCT SHALL BE 350MM X 200MM LINED WITH 25MM ACOUSTIC INSULATION (TYP.)
8. 250X250 EA DUCT UP TO EF-81 ON ROOF, REPLACE GRILLE.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
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2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION
SIGNATURE DATE

NORTH

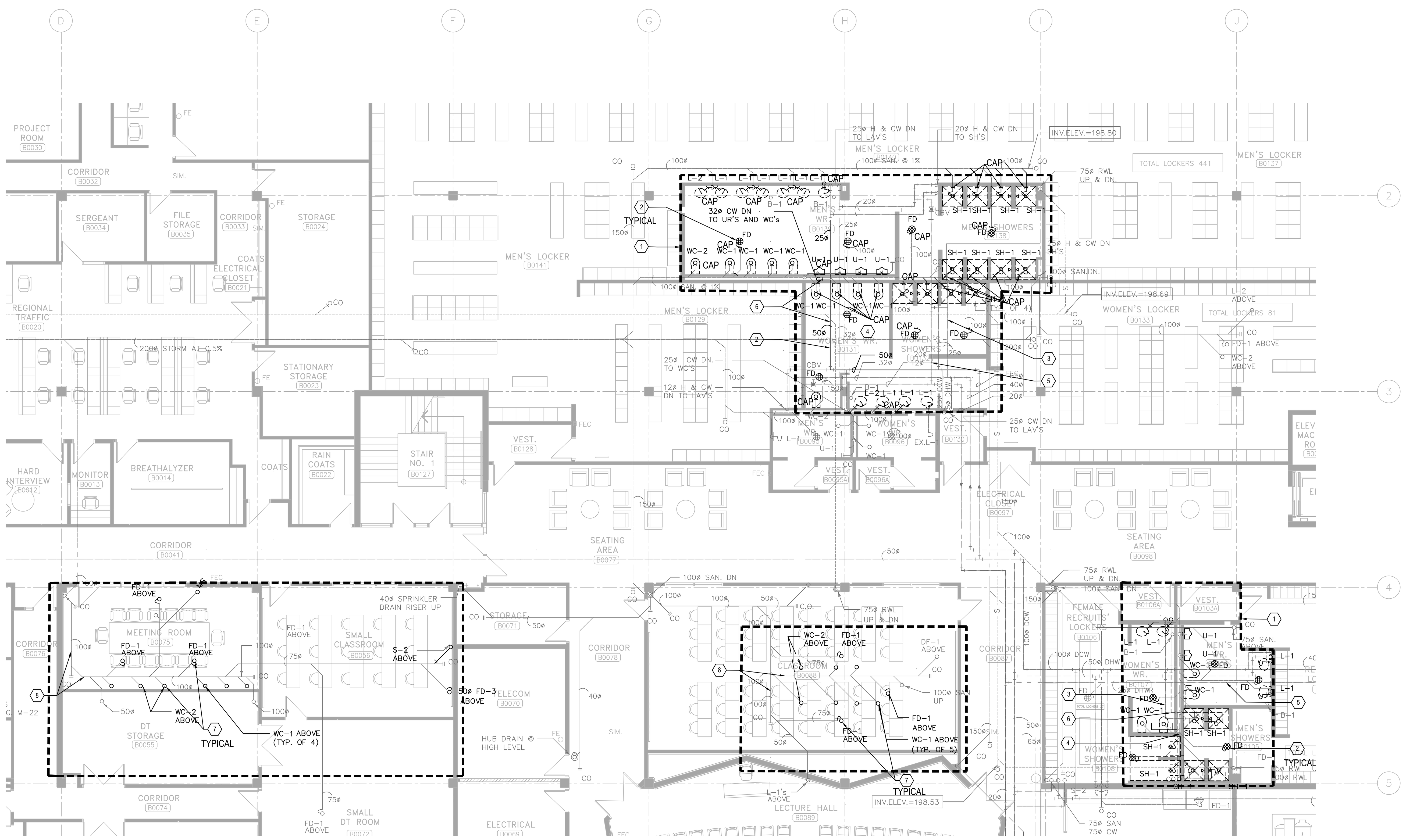
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL THIRD FLOOR - HVAC DEMO & NEW

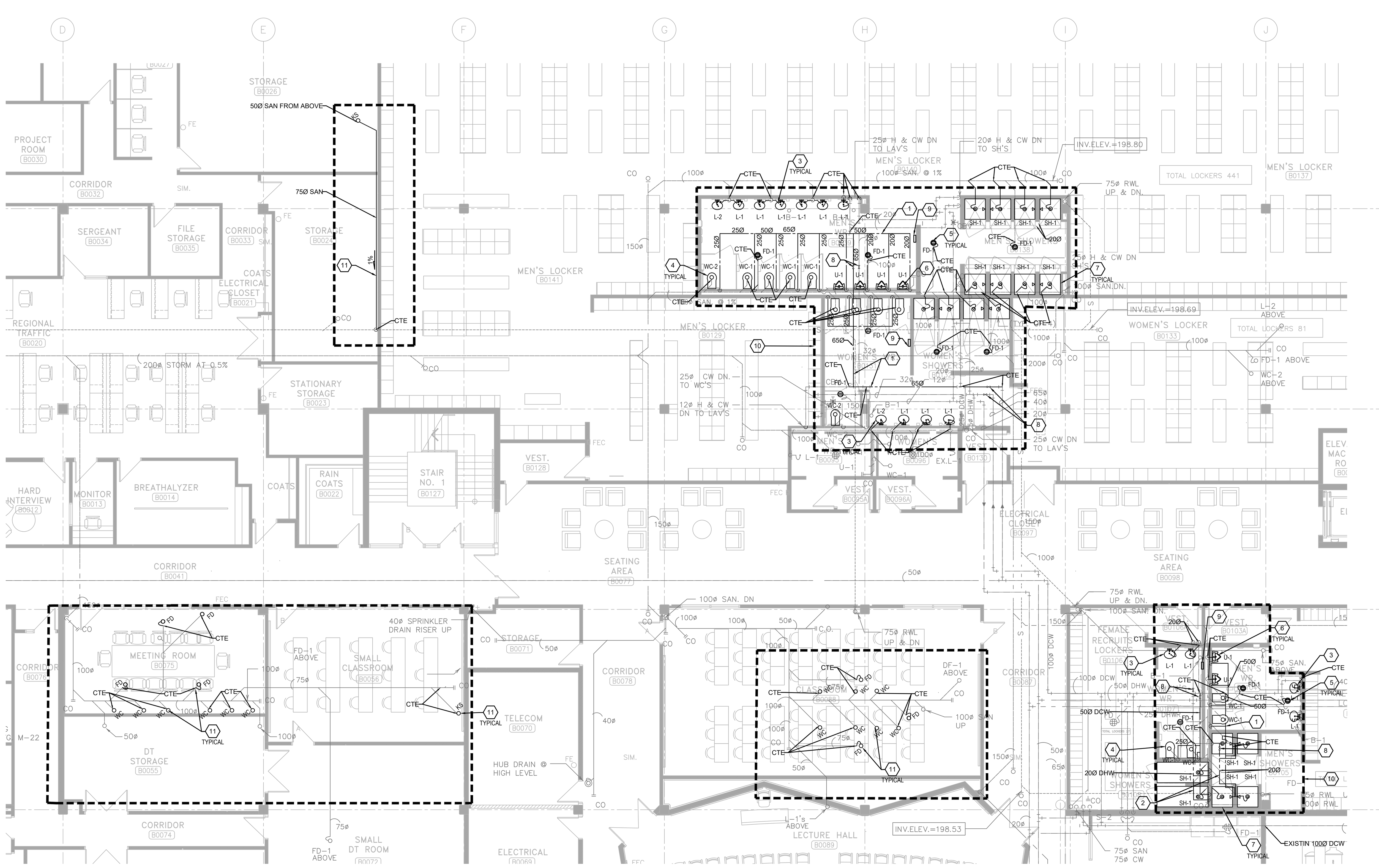
SHEET NO.	DRAWN BY	CHECKED
M204	SS/LL	KE

PROJECT NO: MRK-25008951-A0

SCALE



1 M301 PARTIAL BASEMENT PLUMBING PLAN - DEMO
SCALE: 1:100



2 M301 PARTIAL BASEMENT PLUMBING PLAN - NEW
SCALE: 1:100

PLUMBING GENERAL DEMO NOTES:

1. ALL EXISTING AND NEW PLUMBING PIPE SIZES SHOWN AS METRIC (MM) .
2. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
3. DEMOLITION DRAWINGS HAVE BEEN PREPARED AS A GENERAL GUIDE TO THE CONTRACTOR. NOT ALL SERVICES HAVE BEEN SHOWN. THE CONTRACTOR SHALL REMOVE ALL REDUNDANT SERVICES TO THE NEAREST ACTIVE REMAINING SOURCE, WHETHER THEY HAVE OR HAVE NOT BEEN SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR DEMOLITION
4. SOME DEMOLITION HAS BEEN SHOWN BASED ON EXISTING "AS BUILT" DWG FROM ORIGINAL CONSTRUCTION AND VARIOUS KNOWN RETROFITS AND ALTERNATIONS. NOT ALL SERVICES HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SURVEY THE SPACE AND VERIFY EXTENT OF DEMOLITION WORK INVOLVED.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING (SAN, V, ST, CW, HW, HWR, ETC,) PIPING FIXTURES & FITTINGS, EQUIPMENT, SUPPORTS ETC. FROM AREA OF RENOVATION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
6. REMOVE PLUMBING FIXTURES AS SHOWN. CUT BACK DRAIN, VENT, WATER PIPING ETC. BACK TO RISER OR NEAREST ACTIVE SOURCE. COORDINATE WITH MAINTENANCE DEPARTMENT WHICH FIXTURES THEY WISH TO KEEP. TRANSPORT THOSE FIXTURE TO STORAGE. REMOVE AND DISPOSE ALL UNWANTED FIXTURES.
7. PRIOR TO DEMOLITION, COORDINATE SHUT DOWN WITH BUILDING OPERATION TEAM AND ISOLATE SERVICES. PHASING REQUIREMENTS OF PROJECT MAY REQUIRE SOME EXISTING SERVICE BE LEFT IN OPERATION UNTIL NEW SERVICES ARE INSTALLED. CAREFULLY REVIEW PHASING SET OUT BY ARCHITECT.
8. WHERE MECHANICAL EQUIPMENT(I.E. A/C UNIT, ELECTRIC WATER HEATER, FAN, DISHWASHER)IS REMOVED, COORDINATE PROMPTLY WITH GENERAL CONTRACTOR AND ELEC. DIV. TO DISCONNECT AND MAKE SAFE TEH ASSOCIATED POWER SUPPLY. MECH. DIV 15. SHALL ENSURE THAT NO ABANDONED LIVE POWER CORD IS LEFT UNPROTECTED AT ANY TIME.
9. WHERE PIPE IS REMOVED THROUGH FIRE-RATED WALL OR FLOOR ASSEMBLIES, PROVIDE ULC-CLASSIFIED FIRE STOPPING SYSTEMS THAT ARE TESTED IN ACCORDANCE WITH CAN4-S115 AND INSTALL ALL FIRE STOPPING SYSTEM IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION. STANDARD OF ACCEPTANCE: 3M, HILTI.
10. DURING DEMOLITION, CONTRACTOR SHOULD INCLUDE VIDEO SCOPING FOR THE PLUMBING WORK BEFORE AND AFTER CONSTRUCTION AND REPORT BACK TO ENGINEER FOR ANY DAMAGE, BROKEN, LEAKAGE AND ANY DISCREPANCIES. WHERE EXISTING PIPE INSULATIONS/ DAMAGES FOUND TO REQUIRE REPAIR, RECORD THE EXTENT OF THE REQUIRES REPAIR ON PLANS AND REPORT TO THE CLIENT/CONSULTANT.

PLUMBING DEMO. DRAWING NOTES:

(1) DEMOLISH ALL EXISTING PLUMBING FIXTURES IN THIS SCOPE COMPLETE WITH ALL ASSOCIATED PLUMBING AND TRIMS. INCLUDING BUT NOT LIMITED TO DOMESTIC COLD/ HOT WATER, VENT AND SANITARY. ALL PIPING SHALL BE CAPPED BACK TO MAIN AS INDICATED. FIXTURE SANITARY DRAIN TO BE CUT BACK TO WALL FOR FUTURE CONNECTION. INSULATION, HANGERS AND SUPPORT NOT BEING REUSED AS PART OF THIS CONTRACT. SEAL AND PATCH ALL WALL/FLOOR OPENING TO MATCH EXISTING OR FOLLOW THE ARCHITECT REQUIREMENT. (TYPICAL) .

(2) DEMOLISH EXISTING FLOOR DRAIN AND CAP BACK SANITARY DRAIN BACK TO MAIN AT SLAB. SEAL AND PATCH ALL WALL/FLOOR OPENING TO MATCH EXISTING OR FOLLOW THE ARCHITECT REQUIREMENT. (TYPICAL) .

(3) EXISTING DOMESTIC HOT WATER (DHW) SUPPLY MAIN TO REMAIN.

(4) EXISTING BURIED SANITARY DRAIN TO REMAIN;

(5) EXISTING DHWR PIPING TO REMAIN.

(6) EXISTING DCW PIPE TO BE REMOVED AND REPLACED WITH LARGER SIZE PIPE, REFER TO DRAWING ON NEW WORK PLAN.

(7) EXISTING SANITARY DRAIN BRANCH SERVING ABOVE FLOOR TOILET, FLOOR DRAIN AND PENETRATING THE SLAB DOWN TO THIS FLOOR CEILING SPACE TO BE REMOVED AND CAPPED BACK TO MAIN (TYPICAL).

(8) EXISTING SANITARY MAIN TO SERVING FIXTURE FLOOR ABOVE TO REMAIN.

PLUMBING GENERAL NEW WORK NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
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5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSET INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS. PROVIDE THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL CONTRACTOR SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CUTTING EXISTING WALLS AND FLOOR SLAB. IF EXISTING SERVICES ARE CUT/DAMAGED,IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH AND REPAIR THE SERVICE.
14. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF PLUMBING STACKS AND WATER SUPPLY MAINS THAT REQUIRE OFFSETTING AND MAKE ANY NEW CONNECTIONS RESPECTIVELY DURING CONSTRUCTION PERIOD.
15. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR FINAL SERVICE ROUTING ON SITE.
16. CONTRACTOR TO ALLOW ADDITIONAL 20 PIPE HANGERS/FLOOR AND SUPPORTS ON EXISTING PIPING IF NECESSARY. THE CREDIT FOR THE HANGERS SHALL BE GIVEN BACK TO THE BUILDING MANAGEMENT IF NOT USED.
17. CONTRACTOR TO ALLOW FOR INSULATION ON EXISTING PIPING IF IT IS DAMAGED OR MISSED.
18. CAP ALL OBSOLETE WASTE PIPING BELOW THE SLAB, WATER PIPING BACK AT MAINS AND VENT PIPING ABOVE FINISHED CEILINGS. PATCH ALL FLOORS, WALL AND CEILINGS AS REQUIRED TO MEET FIRE RATINGS.
19. FOR DUST CONTROL, CAP EXISTING DUCTS IN THE CONSTRUCTION AREA. CONNECTION TO EXISTING AIR DUCTS TO BE DONE AFTER COMPLETION OF ALL DUST PRODUCING TASKS.
20. REMOVE ALL REDUNDANT PIPES, CONDUITS, INCLUDING LOOSE WIRES AND DUCTWORK. CAP AT MAIN.
21. COORDINATE WITH BUILDING OPERATION TEAM FOR SHUT DOWNS AND DRAINING FIRE LINE PRIOR TO COMMENCING NEW WORK. PROVIDE FIRE WATCH AS REQUIRED TO ENSURE BUILDING SAFETY DURING SPRINKLER MAIN PIPE REMOVAL.
22. CONTRACTOR TO PROVIDE TRAP SEAL PRIMER AND PIPING SYSTEM PER OBC PART 7.
23. CONTRACTOR TO PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE.
24. ALL SERVICES WITHIN THE CEILING SPACE SHALL BE OUTSIDE THE SHAFT AND ALL SERVICES BELOW CEILING SHALL BE CAPPED WITHIN THE SHAFT ENCLOSURE CONTRACTOR TO COORDINATE THE SHAFT OPENING SIZE.

PLUMBING NEW WORK DRAWING NOTES:

(1) PROVIDE NEW DOMESTIC COLD WATER PIPE (DCW) C/W INSULATION AND ALL ACCESSORIES FROM DCW SUPPLY RISER WITHIN CEILING SPACE TO SERVE NEW PLUMBING FIXTURES AS SHOWN.

(2) PROVIDE NEW DOMESTIC HOT WATER PIPE (DHW) C/W INSULATION AND ALL ACCESSORIES FROM EXISTING DHWR SUPPLY MAIN WITHIN CEILING SPACE TO SERVE PLUMBING FIXTURE AS SHOWN.

(3) NEW LAVATORY , PROVIDE NEW 15Ø HOT AND COLD WATER LINES ,,32Ø VENT LINE AND 40Ø SANITARY LINE FROM 'L-1'/'L-2' TO TIE BACK TO EXISTING DCW, DHW AND SANITARY DRAIN BRACH BACK TO THE WALL. ALLOW FOR CUTTING AND PATCHING WALL , FLOOR , CEILING ON FLOOR ABOVE AS NEEDED. (TYPICAL) . CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL)

(4) NEW FLOOR MOUNTED TOILET TO REPLACE EXISTING AT SAME LOCATION. PROVIDE 25Ø COLD WATER LINE DOWN TO NEW 'WC-1'/ 'WC-2', 50Ø VENT LINE UP FROM 'WC-1'/ 'WC-2',AND 75Ø SANITARY LINE DOWN FROM 'WC-1'/ 'WC-2' TIE TO EXISTING DRAIN BRANCH. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED. ALLOW FOR X-RAY/SCANNING, TRENCHING, AND BACKFILL OF EXISTING FLOOR SLAB CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).

(5) NEW FLOOR DRAIN "FD-1", PROVIDE NEW DRAIN TRAP AND 100Ø DRAIN BRANCH TIE BACK TO EXISTING BURIED SANITARY DRAIN. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. ALLOW FOR X-RAY/SCANNING, TRENCHING, AND BACKFILL OF EXISTING FLOOR SLAB. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED .(TYPICAL)

(6) NEW WALL MOUNTED URINAL AT SAME LOCATION TO REPLACE EXISTING. PROVIDE 20Ø COLD WATER LINE DOWN TO NEW 'U-1', 40Ø VENT LINE UP FROM 'U-1 AND 50Ø SANITARY LINE DOWN FROM 'U-1' AND TIE BACK TO EXISTING SANITARY DRAIN IN WALL. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED. ALLOW FOR X-RAY/SCANNING, TRENCHING, AND BACKFILL OF EXISTING FLOOR SLAB. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).

(7) NEW SHOWER BOTH AND SHOWER HEAD. PROVIDE 1/2"Ø HOT AND COLD WATER LINES DOWN TO NEW 'SH-1'/'SH-2', 1-1/4"Ø VENT LINE UP FROM 'SH-1'/'SH-2',AND 2"Ø SANITARY LINE DOWN FROM 'SH-1'/'SH-2' AND TIE BACK TO EXISTING BURIED SANITARY DRAIN. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED. ALLOW FOR X-RAY/SCANNING, TRENCHING, AND BACKFILL OF EXISTING FLOOR SLAB. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).

(8) PROVIDE NEW SHUTOFF VALVE IN NEW OR EXISTING DCW/DHW LINE AS INDICATED ON THE PLAN. TYPICAL

(9) PROVIDE ELECTRONIC TYPE TRAP SEAL PRMIER AS PER OBC PART 7 REQUIREMENT. FINAL LOCATION TO BE COORDINATE ON SITE (TYPICAL).

(10) PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE (TYPICAL)

(11) INSTALL NEW SANITARY DRAIN FROM FLOOR ABOVE BY PENETRATING THE SLAB AND CONNECTING IT TO THE EXISTING SANITARY MAIN BRANCH IN THE CEILING SPACE. THE CONTRACTOR MUST COORDINATE AND ADJUST THE PENETRATION POINTS AS NECESSARY TO ACCOMMODATE THE NEW FIXTURES. ALL FLOOR AND SLAB OPENINGS MUST BE PATCHED AND SEALED TO MATCH THE EXISTING FINISH OR MEET THE ARCHITECT'S SPECIFICATIONS. THIS REQUIREMENT APPLIES TO ALL SUCH INSTALLATIONS.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

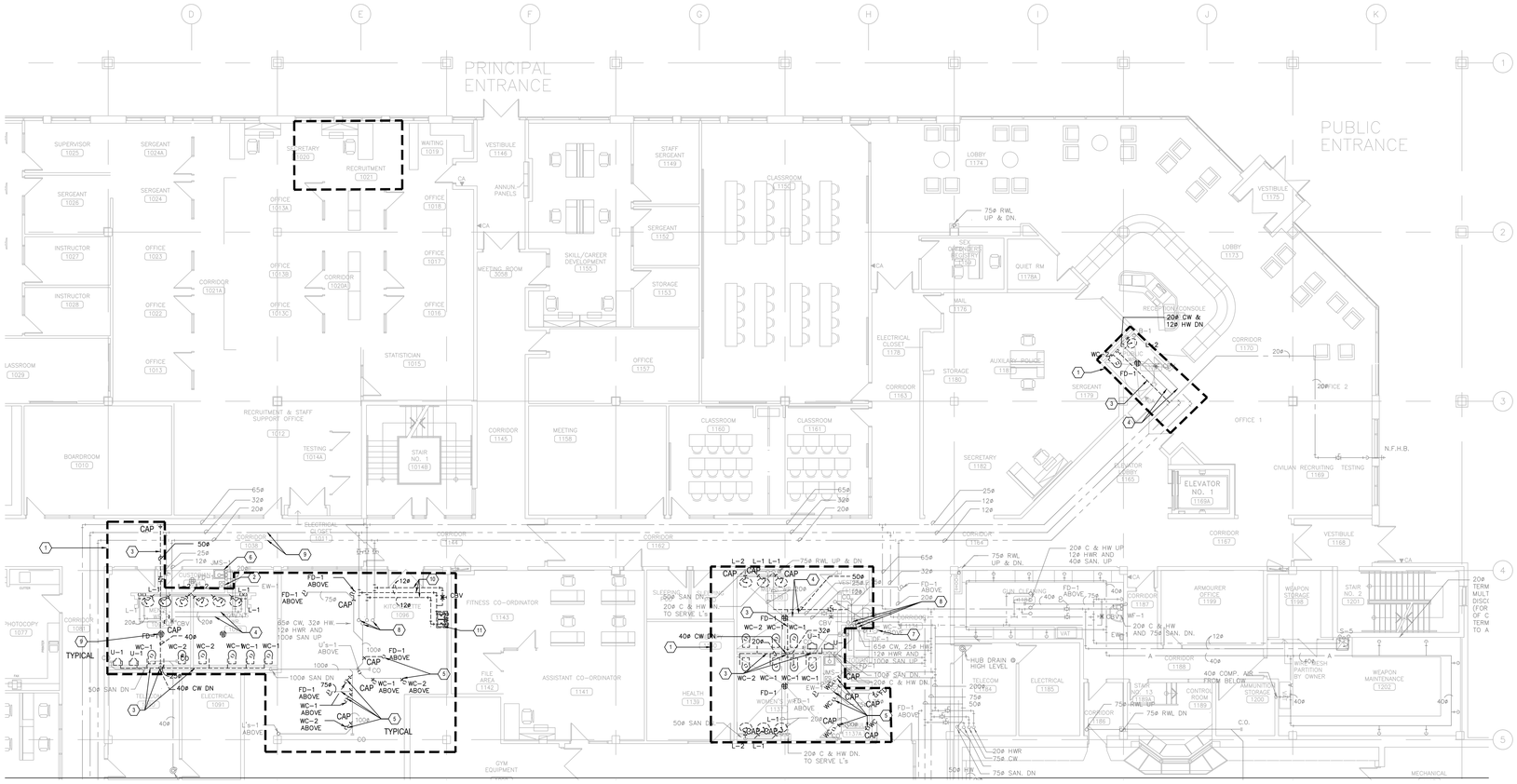
ISSUED FOR CONSTRUCTION DATE

NORTH
PROJECT NORTH

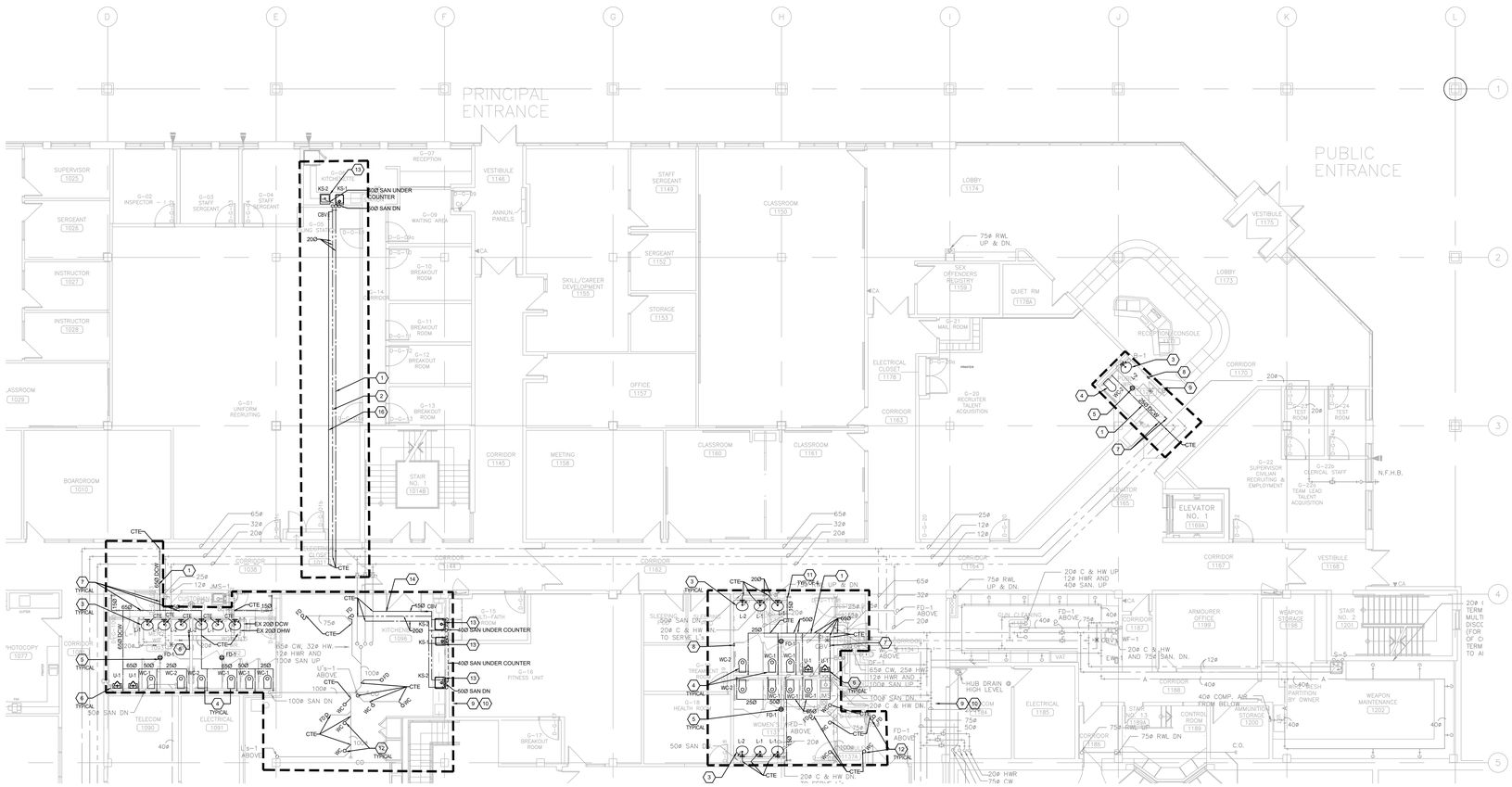
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
PARTIAL BASEMENT FLOOR - PLUMBING DEMO & NEW

SHEET NO. M301
DRAWN BY: SS/LL
CHECKED: KE
PROJECT NO. MRK-25008951-A0
SCALE



1 M302 PARTIAL GROUND FLOOR PLUMBING PLAN - DEMO
SCALE 1:100



2 M302 PARTIAL GROUND FLOOR PLUMBING PLAN - NEW
SCALE 1:100

PLUMBING GENERAL DEMO NOTES:

1. ALL EXISTING AND NEW PLUMBING PIPE SIZES SHOWN AS METRIC (MM) .
2. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
3. DEMOLITION DRAWINGS HAVE BEEN PREPARED AS A GENERAL GUIDE TO THE CONTRACTOR. NOT ALL SERVICES HAVE BEEN SHOWN. THE CONTRACTOR SHALL REMOVE ALL REDUNDANT SERVICES TO THE NEAREST ACTIVE REMAINING SOURCE, WHETHER THEY HAVE OR HAVE NOT BEEN SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR DEMOLITION
4. SOME DEMOLITION HAS BEEN SHOWN BASED ON EXISTING "AS BUILT" DWG FROM ORIGINAL CONSTRUCTION AND VARIOUS KNOWN RETROFITS AND ALTERNATIONS. NOT ALL SERVICES HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SURVEY THE SPACE AND VERIFY EXTENT OF DEMOLITION WORK INVOLVED.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING (SAN, V, ST, CW, HW, HWR, ETC.) PIPING FIXTURES & FITTINGS, EQUIPMENT, SUPPORTS ETC. FROM AREA OF RENOVATION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
6. REMOVE PLUMBING FIXTURES AS SHOWN. CUT BACK DRAIN, VENT, WATER PIPING ETC. BACK TO RISER OR NEAREST ACTIVE SOURCE. COORDINATE WITH MAINTENANCE DEPARTMENT WHICH FIXTURES THEY WISH TO KEEP. TRANSPORT THOSE FIXTURE TO STORAGE. REMOVE AND DISPOSE ALL UNWANTED FIXTURES.
7. PRIOR TO DEMOLITION, COORDINATE SHUT DOWN WITH BUILDING OPERATION TEAM AND ISOLATE SERVICES. PHASING REQUIREMENTS OF PROJECT MAY REQUIRE SOME EXISTING SERVICE BE LEFT IN OPERATION UNTIL NEW SERVICES ARE INSTALLED. CAREFULLY REVIEW PHASING SET OUT BY ARCHITECT.
8. WHERE MECHANICAL EQUIPMENT(I.E. A/C UNIT, ELECTRIC WATER HEATER, FAN, DISHWASHER)IS REMOVED, COORDINATE PROMPTLY WITH GENERAL CONTRACTOR AND ELEC. DIV. TO DISCONNECT AND MAKE SAFE TEH ASSOCIATED POWER SUPPLY. MECH. DIV 15. SHALL ENSURE THAT NO ABANDONED LIVE POWER CORD IS LEFT UNPROTECTED AT ANY TIME.
9. WHERE PIPE IS REMOVED THROUGH FIRE-RATED WALL OR FLOOR ASSEMBLIES, PROVIDE ULC-CLASSIFIED FIRE STOPPING SYSTEMS THAT ARE TESTED IN ACCORDANCE WITH CAN4-S115 AND INSTALL ALL FIRE STOPPING SYSTEM IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION. STANDARD OF ACCEPTANCE: 3M, HILTI.
10. DURING DEMOLITION, CONTRACTOR SHOULD INCLUDE VIDEO SCOPING FOR THE PLUMBING WORK BEFORE AND AFTER CONSTRUCTION AND REPORT BACK TO ENGINEER FOR ANY DAMAGE, BROKEN, LEAKAGE AND ANY DISCREPANCIES. WHERE EXISTING PIPE INSULATIONS/ DAMAGES FOUND TO REQUIRE REPAIR, RECORD THE EXTENT OF THE REQUIRES REPAIR ON PLANS AND REPORT TO THE CLIENT/CONSULTANT.

PLUMBING DEMO. DRAWING NOTES:

1. DEMOLISH ALL EXISTING PLUMBING FIXTURES IN THIS SCOPE, COMPLETE WITH ALL ASSOCIATED PLUMBING AND TRIMS, INCLUDING BUT NOT LIMITED TO DOMESTIC COLD/ HOT WATER, VENT AND SANITARY. ALL DCW & DHW BRANCH PIPING SHALL BE CAPPED BACK TO WALL. LAVATORY AND URINAL SANITARY DRAIN TO BE CUT BACK TO WALL FOR FUTURE CONNECTION. TOILET SANITARY DRAIN CAP BACK TO THE FLOOR BELOW AT MAIN FOR FUTURE CONNECTION. INSULATION, HANGERS AND SUPPORT NOT BEING REUSED AS PART OF THIS CONTRACT. SEAL AND PATCH ALL WALL/FLOOR OPENING TO MATCH EXISTING OR FOLLOW THE ARCHITECT REQUIREMENT. (TYPICAL) .
2. EXISTING EYE WASH STATION AND ALL ACCESSORIES TO REMAIN .
3. DEMOLISH EXISTING DCW SUPPLY MAIN BRANCH AS INDICATED ON THE PLAN .PROVIDE NEW SIZE DCW PIPE AND RISER AS INDICATED ON NEW WORN PLAN.
4. EXISTING DHW, DHWR DISTRIBUTION MAIN BRANCH TO REMAIN.
5. EXISTING SANITARY DRAIN BRANCH SERVING ABOVE FLOOR TOILET, FLOOR DRAIN, MOP DRAIN TO BE REMOVED AND CAPPED BACK TO MAIN AS SHOWN.(TYPICAL).
6. EXISTING MOP SINK REMAIN.
7. EXISTING DRINK FOUNTAIN TO REMAIN.
8. EXISTING SANITARY, DHW, DHWR RISER IN PIPE CHASE TO REMAIN
9. REMOVE EXISTING FLOOR DRAIN. CAP SANITARY DRAIN BACK TO MAIN IN CEILING SPACE AT FLOOR BELOW FOR FUTURE CONNECTION. TYPICAL
10. DEMOLISH EXISTING DCW, DHW,DHWR SUPPLY BRANCH AS INDICATED ON THE PLAN .
11. DEMOLISH EXISTING KITCHEN SINK WITH ALL ASSOCIATED PLUMBING AND TRIMS. INCLUDING BUT NOT LIMITED TO DOMESTIC COLD/ HOT WATER, VENT AND SANITARY. ALL DCW & DHW, DHWR BRANCH PIPING SHALL BE CAPPED BACK TO WALL. SANITARY DRAIN TO BE CUT BACK TO WALL OR SLAB FOR FUTURE CONNECTION.

PLUMBING GENERAL NEW WORK NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEMSERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAPITEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE, IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSETTING INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDING THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CUTTING EXISTING WALLS AND FLOOR SLAB. IF EXISTING SERVICES ARE CUT/DAMAGED,IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH AND REPAIR THE SERVICE.
14. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF PLUMBING STACKS AND WATER SUPPLY MAINS THAT REQUIRE OFFSETTING AND MAKE ANY NEW CONNECTIONS RESPECTIVELY DURING CONSTRUCTION PERIOD.
15. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR FINAL SERVICE ROUTING ON SITE.
16. CONTRACTOR TO ALLOW ADDITIONAL 20 PIPE HANGERS/FLOOR AND SUPPORTS ON EXISTING PIPING IF NECESSARY. THE CREDIT FOR THE HANGERS SHALL BE GIVEN BACK TO THE BUILDING MANAGEMENT IF NOT USED.
17. CONTRACTOR TO ALLOW FOR INSULATION ON EXISTING PIPING IF IT IS DAMAGED OR MISSED.
18. CAP ALL OBSOLETE WASTE PIPING BELOW THE SLAB, WATER PIPING BACK AT MAINS AND VENT PIPING ABOVE FINISHED CEILINGS. PATCH ALL FLOORS, WALL AND CEILINGS AS REQUIRED TO MEET FIRE RATINGS.
19. FOR DUST CONTROL, CAP EXISTING DUCTS IN THE CONSTRUCTION AREA. CONNECTION TO EXISTING AIR DUCTS TO BE DONE AFTER COMPLETION OF ALL DUST PRODUCING TASKS.
20. REMOVE ALL REDUNDANT PIPES, CONDUITS, INCLUDING LOOSE WIRES AND DUCTWORK. CAP AT MAIN.
21. COORDINATE WITH BUILDING OPERATION TEAM FOR SHUT DOWNS AND DRAINING FIRE LINE PRIOR TO COMMENCING NEW WORK. PROVIDE FIRE WATCH AS REQUIRED TO ENSURE BUILDING SAFETY DURING SPRINKLER MAIN PIPE REMOVAL.
22. CONTRACTOR TO PROVIDE TRAP SEAL PRIMER AND PIPING SYSTEM PER OBC PART 7.
23. CONTRACTOR TO PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE.
24. ALL SERVICES WITHIN THE CEILING SPACE SHALL BE OUTSIDE THE SHAFT AND ALL SERVICES BELOW CEILING SHALL BE CAPPED WITHIN THE SHAFT ENCLOSURE CONTRACTOR TO COORDINATE THE SHAFT OPENING SIZE.

PLUMBING NEW WORK DRAWING NOTES:

1. PROVIDE NEW DOMESTIC COLD WATER PIPE (DCW) C/W INSULATION AND ALL ACCESSORIES FROM DCW SUPPLY RISER WITHIN CEILING SPACE TO SERVE NEW PLUMBING FIXTURES AS SHOWN.
2. PROVIDE NEW DOMESTIC HOT WATER PIPE (DHW) C/W INSULATION AND ALL ACCESSORIES FROM EXISTING DHW SUPPLY MAIN WITHIN CEILING SPACE TO SERVE PLUMBING FIXTURE AS SHOWN.
3. NEW LAVATORY , PROVIDE NEW 15Ø HOT AND COLD WATER LINES ,32Ø VENT LINE AND 40Ø SANITARY LINE FROM 'L-1/'L-2' TO TIE BACK TO EXISTING DCW, DHW AND SANITARY DRAIN BRACH BACK TO THE WALL. ALLOW FOR CUTTING AND PATCHING WALL , FLOOR , CEILING ON FLOOR ABOVE AS NEEDED. (TYPICAL) . CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL)
4. NEW FLOOR MOUNTED TOILET TO REPLACE EXISTING AT SAME LOCATION. PROVIDE 25Ø COLD WATER LINE DOWN TO NEW 'WC-1' 'WC-2'. 50Ø VENT LINE UP FROM 'WC-1' 'WC-2',AND 75Ø SANITARY LINE DOWN FROM 'WC-1' 'WC-2' TIE TO EXISTING DRAIN BRANCH. ALLOW FOR CUTTING AND PATCHING WALL FLOOR AND CEILING ON FLOOR BELOW AS NEEDED, ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).
5. NEW FLOOR DRAIN "FD-1", PROVIDE NEW DRAIN TRAP AND 100Ø DRAIN BRANCH TIE BACK TO EXISTING SANITARY DRAIN AT FLOOR BELOW. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB, ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED .(TYPICAL)
6. NEW WALL MOUNTED URINAL AT SAME LOCATION TO REPLACE EXISTING. PROVIDE 20Ø COLD WATER LINE DOWN TO NEW 'U-1'. 40Ø VENT LINE UP FROM 'U-1' AND 50Ø SANITARY LINE DOWN FROM 'U-1' AND TIE BACK TO EXISTING SANITARY DRAIN IN WALL. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED, ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).
7. PROVIDE NEW SHUTOFF VALVE IN NEW OR EXISTING DCW/DHW LINE AS INDICATED ON THE PLAN. TYPICAL
8. PROVIDE ELECTRONIC TYPE TRAP SEAL PRMIER AS PER OBC PART 7 REQUIREMENT. FINAL LOCATION TO BE COORDINATE ON SITE (TYPICAL).
9. PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE (TYPICAL)
10. PROVIDE SHUT-OFF VALVE FOR ALL THE NEW PLUMBING FIXTURES DCW/DHW SUPPLY BRANCH.(TYPICAL).
11. PROVIDE WALL MOUNTED 15Ø HOSE BIB AND ASSOCIATE DCW PIPE SUPPLY(TYP. OF 4).
12. INSTALL NEW SANITARY DRAIN FROM FLOOR ABOVE BY PENETRATING THE SLAB AND CONNECTING IT TO THE EXISTING SANITARY MAIN BRANCH IN THE CEILING SPACE. THE CONTRACTOR MUST COORDINATE AND ADJUST THE PENETRATION POINTS AS NECESSARY TO ACCOMMODATE THE NEW FIXTURES. ALL FLOOR AND SLAB OPENINGS MUST BE PATCHED AND SEALED TO MATCH THE EXISTING FINISH OR MEET THE ARCHITECT'S SPECIFICATIONS. THIS REQUIREMENT APPLIES TO ALL SUCH INSTALLATIONS.
13. PROVIDE NEW KITCHEN SINK (KS-1, 2) FAUCET AND ALL NECESSARY WATER SUPPLIES, SHUT-OFF VALVES, P-TRAP, CLEAN OUT AND PLUMBING ACCESSORIES FOR COMPLETE OPERATIONAL INSTALLATION . INSTALL 15Ø HOT AND COLD WATER LINE DOWN TO NEW 'KS-1,2 . 32Ø VENT LINE UP FROM 'KS-1,2' AND 40Ø SANITARY LINE DOWN FROM 'KS-1,2'. ALLOW FOR CUTTING AND PATCHING OF CEILING AND WALL AS NEEDED. EXTEND DCW/DHW LINE FOR COFFE MARKER, WATER COOLER , HOT WATER DISPENSER , AND ETC CONNECTION. REFER TO DRAWING M-501 FOR DETAIL. (TYPICAL).
14. PROVIDE NEW DOMESTIC HOT WATER RETICULATING PIPE (DHWR) C/W INSULATION AND ACCESSORIES FROM THE EXISTING DWHR MAIN WITHIN CEILING SPACE TO SERVE NEW PLUMBING FIXTURE AS SHOWN.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
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REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECT

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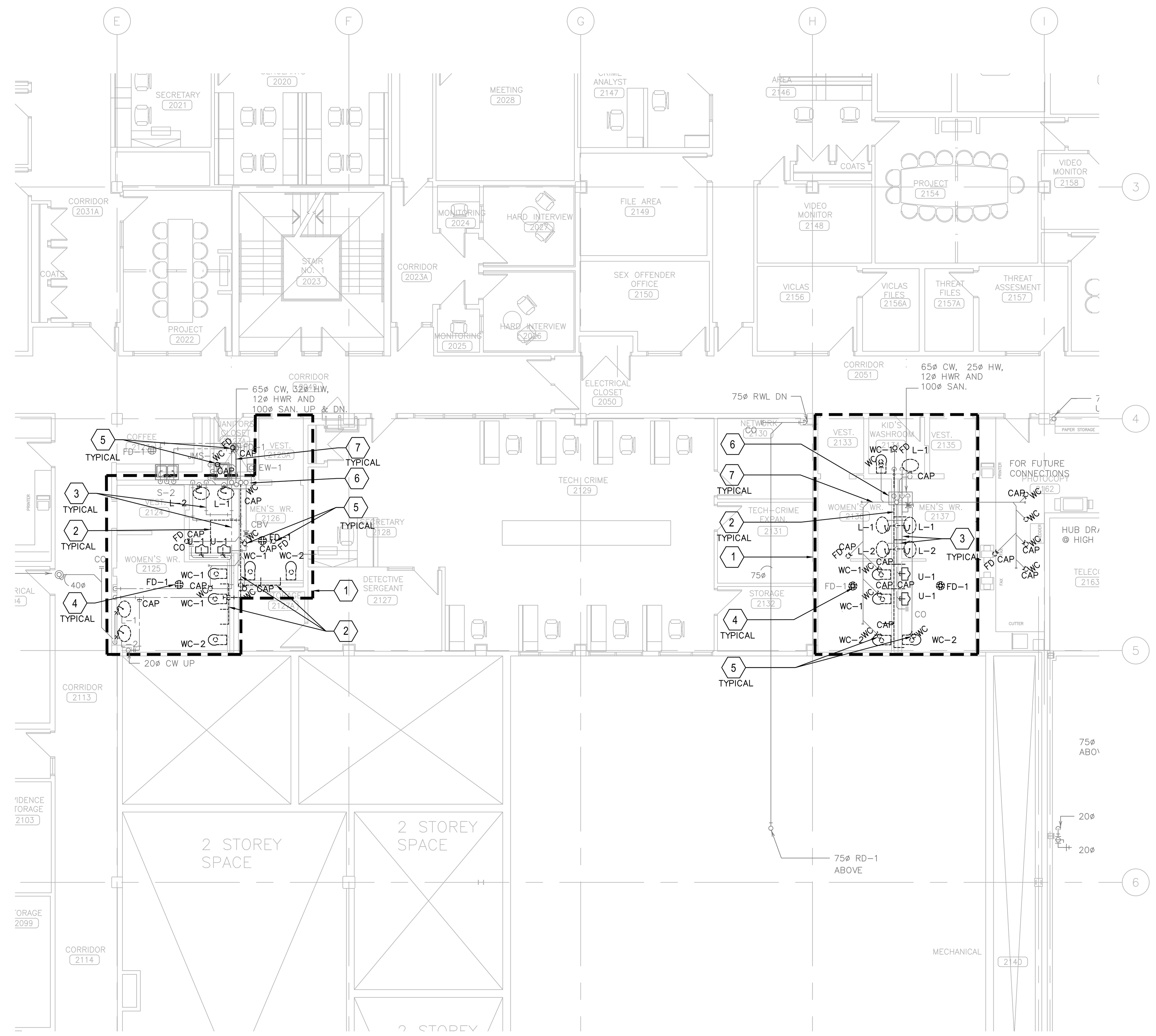
ISSUED FOR CONSTRUCTION	DATE

NORTH

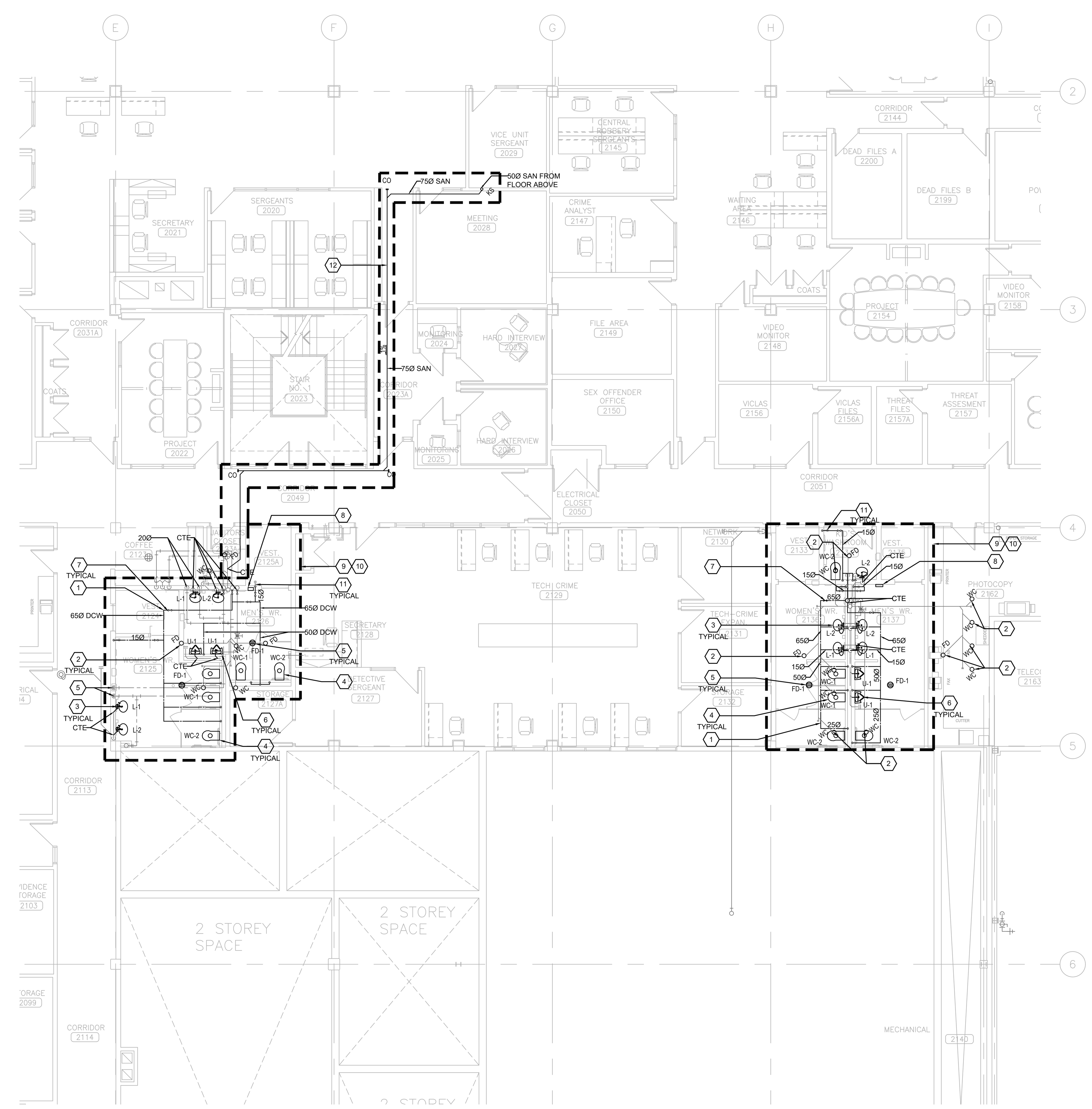
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL GROUND FLOOR - PLUMBING DEMO & NEW

SHEET NO.	DRAWN BY	CHECKED
M302	SS/JLL	KE
	PROJECT NO. MRK-25008951-A0	
	SCALE	



PARTIAL SECOND FLOOR PLUMBING PLAN - DEMO
1 / M303 SCALE: 1:100



PARTIAL SECOND FLOOR PLUMBING PLAN - NEW
2 / M303 SCALE: 1:100

PLUMBING GENERAL DEMO NOTES:

1. ALL EXISTING AND NEW PLUMBING PIPE SIZES SHOWN AS METRIC (MM) .
2. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
3. DEMOLITION DRAWINGS HAVE BEEN PREPARED AS A GENERAL GUIDE TO THE CONTRACTOR. NOT ALL SERVICES HAVE BEEN SHOWN. THE CONTRACTOR SHALL REMOVE ALL REDUNDANT SERVICES TO THE NEAREST ACTIVE REMAINING SOURCE, WHETHER THEY HAVE OR HAVE NOT BEEN SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR DEMOLITION
4. SOME DEMOLITION HAS BEEN SHOWN BASED ON EXISTING "AS BUILT" DWG FROM ORIGINAL CONSTRUCTION AND VARIOUS KNOWN RETROFITS AND ALTERNATIONS. NOT ALL SERVICES HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SURVEY THE SPACE AND VERIFY EXTENT OF DEMOLITION WORK INVOLVED.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING (SAN, V, ST, CW, HW, HWR, ETC,) PIPING FIXTURES & FITTINGS, EQUIPMENT, SUPPORTS ETC. FROM AREA OF RENOVATION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
6. REMOVE PLUMBING FIXTURES AS SHOWN. CUT BACK DRAIN, VENT, WATER PIPING ETC. BACK TO RISER OR NEAREST ACTIVE SOURCE. COORDINATE WITH MAINTENANCE DEPARTMENT WHICH FIXTURES THEY WISH TO KEEP. TRANSPORT THOSE FIXTURE TO STORAGE. REMOVE AND DISPOSE ALL UNWANTED FIXTURES.
7. PRIOR TO DEMOLITION, COORDINATE SHUT DOWN WITH BUILDING OPERATION TEAM AND ISOLATE SERVICES. PHASING REQUIREMENTS OF PROJECT MAY REQUIRE SOME EXISTING SERVICE BE LEFT IN OPERATION UNTIL NEW SERVICES ARE INSTALLED. CAREFULLY REVIEW PHASING SET OUT BY ARCHITECT.
8. WHERE MECHANICAL EQUIPMENT(I.E. A/C UNIT, ELECTRIC WATER HEATER, FAN, DISHWASHER)IS REMOVED, COORDINATE PROMPTLY WITH GENERAL CONTRACTOR AND ELEC. DIV. TO DISCONNECT AND MAKE SAFE TEH ASSOCIATED POWER SUPPLY. MECH. DIV 15. SHALL ENSURE THAT NO ABANDONED LIVE POWER CORD IS LEFT UNPROTECTED AT ANY TIME.
9. WHERE PIPE IS REMOVED THROUGH FIRE-RATED WALL OR FLOOR ASSEMBLIES, PROVIDE ULC-CLASSIFIED FIRE STOPPING SYSTEMS THAT ARE TESTED IN ACCORDANCE WITH CAN4-S115 AND INSTALL ALL FIRE STOPPING SYSTEM IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION. STANDARD OF ACCEPTANCE: 3M, HILTI.
10. DURING DEMOLITION, CONTRACTOR SHOULD INCLUDE VIDEO SCOPING FOR THE PLUMBING WORK BEFORE AND AFTER CONSTRUCTION AND REPORT BACK TO ENGINEER FOR ANY DAMAGE, BROKEN, LEAKAGE AND ANY DISCREPANCIES. WHERE EXISTING PIPE INSULATIONS/ DAMAGES FOUND TO REQUIRE REPAIR, RECORD THE EXTENT OF THE REQUIRES REPAIR ON PLANS AND REPORT TO THE CLIENT/CONSULTANT.

PLUMBING DEMO. DRAWING NOTES:

(1) DEMOLISH ALL EXISTING PLUMBING FIXTURES IN THIS SCOPE COMPLETE WITH ALL ASSOCIATED PLUMBING AND TRIMS. INCLUDING BUT NOT LIMITED TO DOMESTIC COLD/ HOT WATER, VENT AND SANITARY. ALL DCW & DHW BRANCH PIPING SHALL BE CAPPED BACK TO WALL . LAVATORY AND URINAL SANITARY DRAIN CAP BACK TO WALL FOR FUTURE CONNECTION. TOILET SANITARY DRAIN TO BE CUT BACK TO THE FLOOR BELOW AT MAIN FOR FUTURE CONNECTION. INSULATION, HANGERS AND SUPPORT NOT BEING REUSED AS PART OF THIS CONTRACT. SEAL AND PATCH ALL WALL/FLOOR OPENING TO MATCH EXISTING OR FOLLOW THE ARCHITECT REQUIREMENT. (TYPICAL) .

(2) DEMOLISH EXISTING DCW SUPPLY MAIN BRANCH AS INDICATED ON THE PLAN .PROVIDE NEW SIZE DCW PIPE AND RISER AS INDICATED ON NEW WORN PLAN.

(3) EXISTING DHW, DHWR DISTRIBUTION MAIN BRANCH TO REMAIN.

(4) REMOVE EXISTING FLOOR DRAIN, CAP SANITARY DRAIN BACK TO MAIN IN CEILING SPACE AT FLOOR BELOW FOR FUTURE CONNECTION. TYPICAL

(5) EXISTING SANITARY DRAIN BRANCH SERVING ABOVE FLOOR TOILET, FLOOR DRAIN AND PENETRATING THE SLAB DOWN TO THIS FLOOR CEILING SPACE TO BE REMOVED AND CAPPED BACK TO MAIN (TYPICAL).

(6) EXISTING SANITARY, DHW, DHWR RISER IN PIPE CHASE TO REMAIN

(7) EXISTING SANITARY MAIN TO SERVE FLOOR ABOVE TO REMAIN.

PLUMBING GENERAL NEW WORK NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE, IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSETTING INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS PROVIDE THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL CONTRACTOR SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CUTTING EXISTING WALLS AND FLOOR SLAB. IF EXISTING SERVICES ARE CUT/DAMAGED,IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH AND REPAIR THE SERVICE.
14. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF PLUMBING STACKS AND WATER SUPPLY MAINS THAT REQUIRE OFFSETS AND MAKE ANY NEW CONNECTIONS RESPECTIVELY DURING CONSTRUCTION PERIOD.
15. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR FINAL SERVICE ROUTING ON SITE.
16. CONTRACTOR TO ALLOW ADDITIONAL 20 PIPE HANGERS/FLOOR AND SUPPORTS ON EXISTING PIPING IF NECESSARY. THE CREDIT FOR THE HANGERS SHALL BE GIVEN BACK TO THE BUILDING MANAGEMENT IF NOT USED.
17. CONTRACTOR TO ALLOW FOR INSULATION ON EXISTING PIPING IF IT IS DAMAGED OR MISSED.
18. CAP ALL OBSOLETE WASTE PIPING BELOW THE SLAB, WATER PIPING BACK AT MAINS AND VENT PIPING ABOVE FINISHED CEILINGS. PATCH ALL FLOORS, WALL AND CEILINGS AS REQUIRED TO MEET FIRE RATINGS.
19. FOR DUST CONTROL, CAP EXISTING DUCTS IN THE CONSTRUCTION AREA. CONNECTION TO EXISTING AIR DUCTS TO BE DONE AFTER COMPLETION OF ALL DUST PRODUCING TASKS.
20. REMOVE ALL REDUNDANT PIPES, CONDUITS, INCLUDING LOOSE WIRES AND DUCTWORK. CAP AT MAIN.
21. COORDINATE WITH BUILDING OPERATION TEAM FOR SHUT DOWNS AND DRAINING FIRE LINE PRIOR TO COMMENCING NEW WORK. PROVIDE FIRE WATCH AS REQUIRED TO ENSURE BUILDING SAFETY DURING SPRINKLER MAIN PIPE REMOVAL.
22. CONTRACTOR TO PROVIDE TRAP SEAL PRIMER AND PIPING SYSTEM PER OBC PART 7.
23. CONTRACTOR TO PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE.
24. ALL SERVICES WITHIN THE CEILING SPACE SHALL BE OUTSIDE THE SHAFT AND ALL SERVICES BELOW CEILING SHALL BE CAPPED WITHIN THE SHAFT ENCLOSURE CONTRACTOR TO COORDINATE THE SHAFT OPENING SIZE.

PLUMBING NEW WORK DRAWING NOTES:

(1) PROVIDE NEW DOMESTIC COLD WATER PIPE (DCW) C/W INSULATION AND ALL ACCESSORIES FROM DCW SUPPLY RISER WITHIN CEILING SPACE TO SERVE NEW PLUMBING FIXTURES AS SHOWN.

(2) INSTALL NEW SANITARY DRAIN FROM FLOOR ABOVE BY PENETRATING THE SLAB AND CONNECTING IT TO THE EXISTING SANITARY MAIN BRANCH IN THE CEILING SPACE. THE CONTRACTOR MUST COORDINATE AND ADJUST THE PENETRATION POINTS AS NECESSARY TO ACCOMMODATE THE NEW FIXTURES. ALL FLOOR AND SLAB OPENINGS MUST BE PATCHED AND SEALED TO MATCH THE EXISTING FINISH OR MEET THE ARCHITECT'S SPECIFICATIONS. THIS REQUIREMENT APPLIES TO ALL SUCH INSTALLATIONS.

(3) NEW LAVATORY , PROVIDE NEW 15Ø HOT AND COLD WATER LINES ,32Ø VENT LINE AND 40Ø SANITARY LINE FROM 'L-1'/'L-2' TO TIE BACK TO EXISTING DCW, DHW AND SANITARY DRAIN BRACH BACK TO THE WALL. ALLOW FOR CUTTING AND PATCHING WALL , FLOOR , CEILING ON FLOOR ABOVE AS NEEDED. (TYPICAL) . CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL)

(4) NEW FLOOR MOUNTED TOILET TO REPLACE EXISTING AT SAME LOCATION. PROVIDE 25Ø COLD WATER LINE DOWN TO NEW 'WC-1'/ 'WC-2', 50Ø VENT LINE UP FROM 'WC-1'/ 'WC-2',AND 75Ø SANITARY LINE DOWN FROM 'WC-1'/ 'WC-2' TIE TO EXISTING DRAIN BRANCH. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED. ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).

(5) NEW FLOOR DRAIN "FD-1", PROVIDE NEW DRAIN TRAP AND 100Ø DRAIN BRANCH TIE BACK TO EXISTING SANITARY DRAIN AT FLOOR BELOW. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED .(TYPICAL)

(6) NEW WALL MOUNTED URINAL AT SAME LOCATION TO REPLACE EXISTING. PROVIDE 20Ø COLD WATER LINE DOWN TO NEW 'U-1', 40Ø VENT LINE UP FROM 'U-1' AND 50Ø SANITARY LINE DOWN FROM 'U-1' AND TIE BACK TO EXISTING SANITARY DRAIN IN WALL. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED. ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).

(7) PROVIDE NEW SHUTOFF VALVE IN NEW OR EXISTING DCW/DHW LINE AS INDICATED ON THE PLAN. TYPICAL

(8) PROVIDE ELECTRONIC TYPE TRAP SEAL PRMIER AS PER OBC PART 7 REQUIREMENT. FINAL LOCATION TO BE COORDINATE ON SITE (TYPICAL).

(9) PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE (TYPICAL)

(10) PROVIDE SHUT-OFF VALVE FOR ALL THE NEW PLUMBING FIXTURES DCW/DHW SUPPLY BRANCH. TYPICAL OF ALL.

(11) PROVIDE WALL MOUNTED 15Ø HOSE BIB AND ASSOCIATE DCW PIPE SUPPLY(TYP. OF 5).

(12) INSTALL NEW SANITARY DRAIN FROM FLOOR ABOVE BY PENETRATING THE SLAB AND CONNECTING IT TO THE EXISTING SANITARY MAIN BRANCH IN THE CEILING SPACE. THE CONTRACTOR MUST COORDINATE AND ADJUST THE PENETRATION POINTS AS NECESSARY TO ACCOMMODATE THE NEW FIXTURES. ALL FLOOR AND SLAB OPENINGS MUST BE PATCHED AND SEALED TO MATCH THE EXISTING FINISH OR MEET THE ARCHITECT'S SPECIFICATIONS. THIS REQUIREMENT APPLIES TO ALL SUCH INSTALLATIONS.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

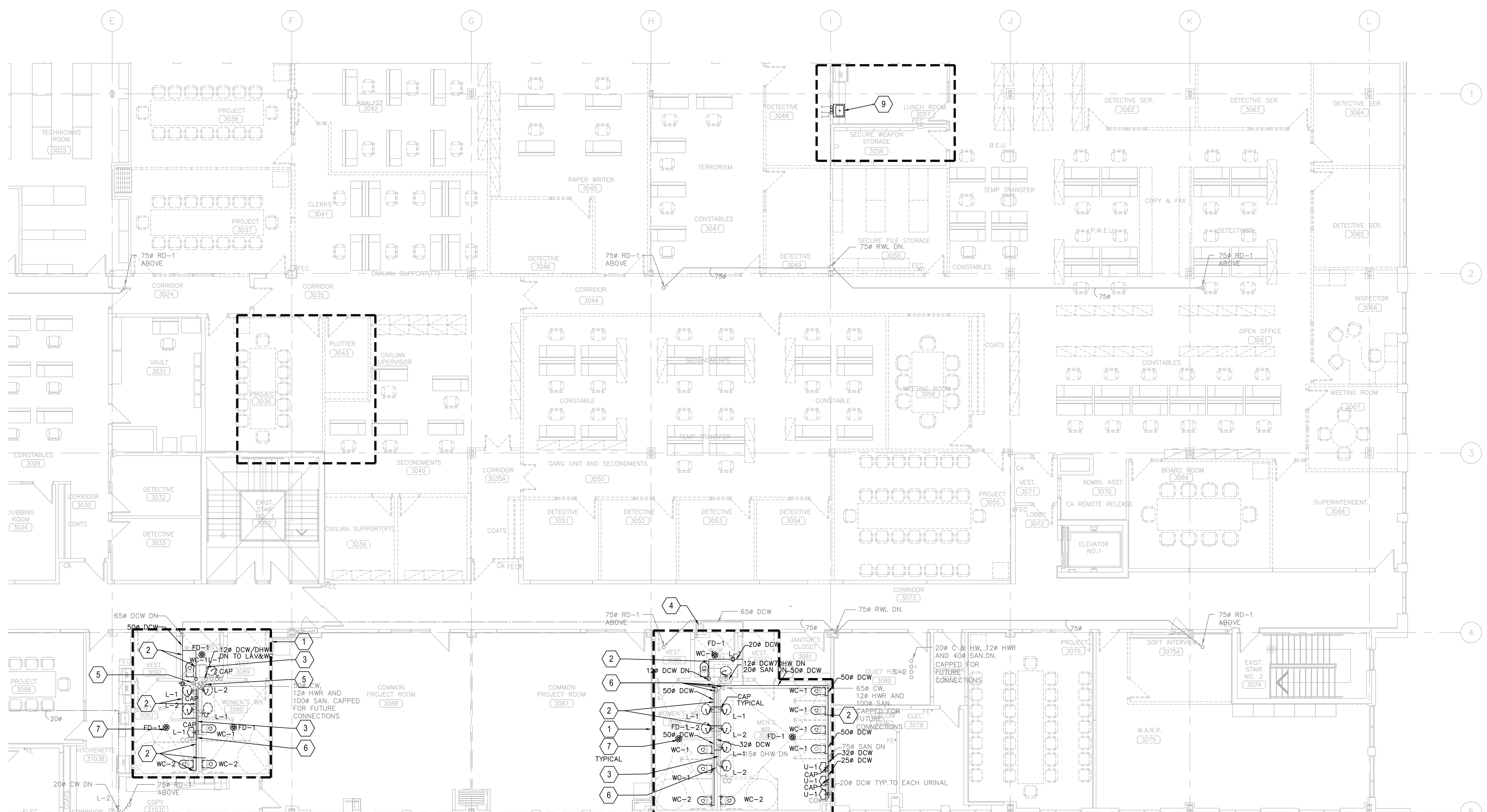
ISSUED FOR CONSTRUCTION DATE

NORTH
PROJECT NORTH

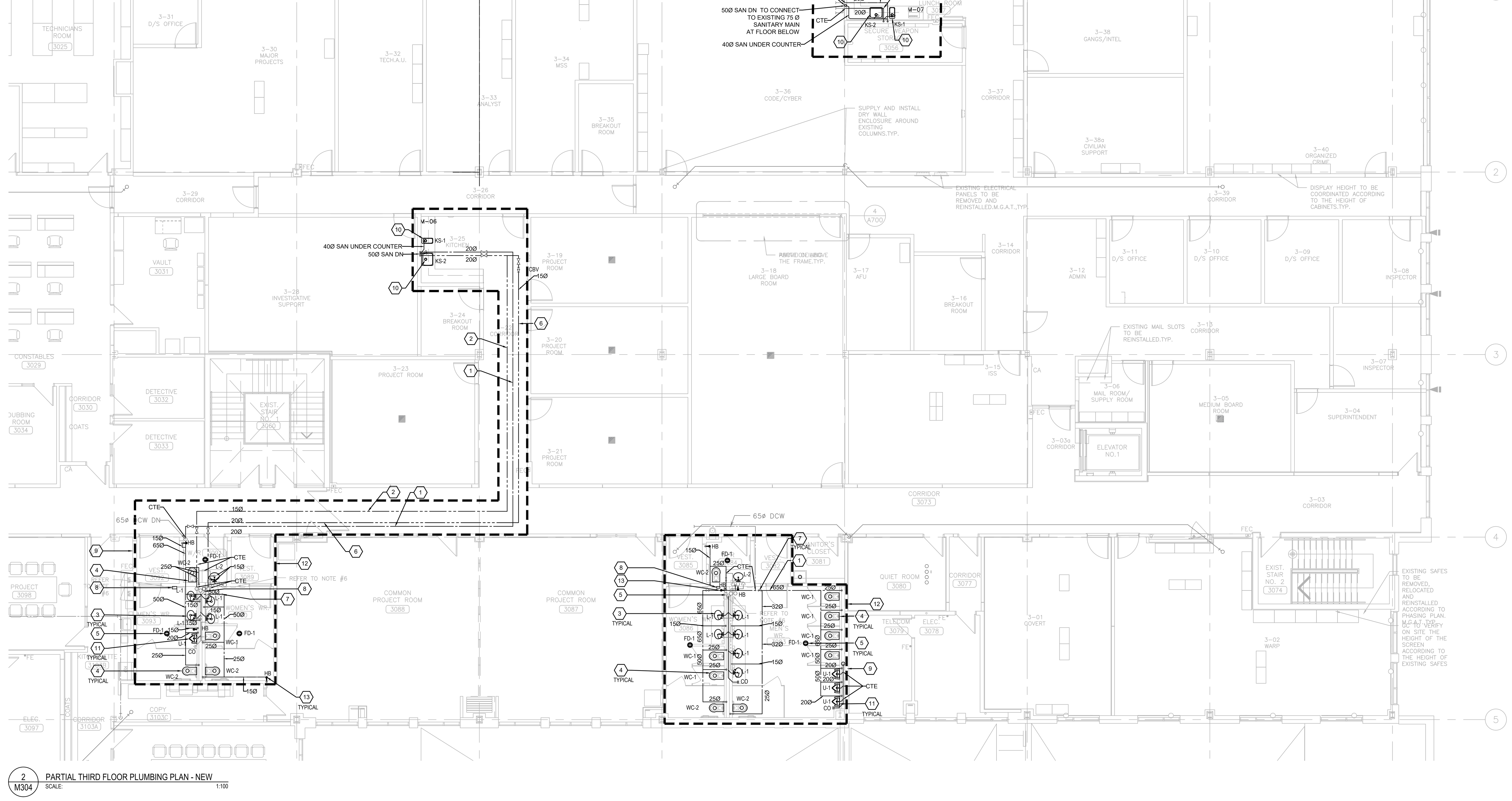
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
PARTIAL SECOND FLOOR - PLUMBING DEMO & NEW

SHEET NO. M303
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



1 M304 PARTIAL THIRD FLOOR PLUMBING PLAN - DEMO
SCALE: 1:100



2 M304 PARTIAL THIRD FLOOR PLUMBING PLAN - NEW
SCALE: 1:100

PLUMBING GENERAL DEMO NOTES:

1. ALL EXISTING AND NEW PLUMBING PIPE SIZES SHOWN AS METRIC (MM) .
2. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
3. DEMOLITION DRAWINGS HAVE BEEN PREPARED AS A GENERAL GUIDE TO THE CONTRACTOR. NOT ALL SERVICES HAVE BEEN SHOWN. THE CONTRACTOR SHALL REMOVE ALL REDUNDANT SERVICES TO THE NEAREST ACTIVE REMAINING SOURCE, WHETHER THEY HAVE OR HAVE NOT BEEN SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR DEMOLITION
4. SOME DEMOLITION HAS BEEN SHOWN BASED ON EXISTING "AS BUILT" DWG FROM ORIGINAL CONSTRUCTION AND VARIOUS KNOWN RETROFITS AND ALTERNATIONS. NOT ALL SERVICES HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SURVEY THE SPACE AND VERIFY EXTENT OF DEMOLITION WORK INVOLVED.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING (SAN, V, ST, CW, HW, HWR, ETC,) PIPING FIXTURES & FITTINGS, EQUIPMENT, SUPPORTS ETC. FROM AREA OF RENOVATION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
6. REMOVE PLUMBING FIXTURES AS SHOWN. CUT BACK DRAIN, VENT, WATER PIPING ETC. BACK TO RISER OR NEAREST ACTIVE SOURCE. COORDINATE WITH MAINTENANCE DEPARTMENT WHICH FIXTURES THEY WISH TO KEEP. TRANSPORT THOSE FIXTURE TO STORAGE. REMOVE AND DISPOSE ALL UNWANTED FIXTURES.
7. PRIOR TO DEMOLITION, COORDINATE SHUT DOWN WITH BUILDING OPERATION TEAM AND ISOLATE SERVICES. PHASING REQUIREMENTS OF PROJECT MAY REQUIRE SOME EXISTING SERVICE BE LEFT IN OPERATION UNTIL NEW SERVICES ARE INSTALLED. CAREFULLY REVIEW PHASING SET OUT BY ARCHITECT.
8. WHERE MECHANICAL EQUIPMENT(I.E. A/C UNIT, ELECTRIC WATER HEATER, FAN, DISHWASHER)IS REMOVED, COORDINATE PROMPTLY WITH GENERAL CONTRACTOR AND ELEC. DIV. TO DISCONNECT AND MAKE SAFE TEH ASSOCIATED POWER SUPPLY. MECH. DIV 15. SHALL ENSURE THAT NO ABANDONED LIVE POWER CORD IS LEFT UNPROTECTED AT ANY TIME.
9. WHERE PIPE IS REMOVED THROUGH FIRE-RATED WALL OR FLOOR ASSEMBLIES, PROVIDE ULC-CLASSIFIED FIRE STOPPING SYSTEMS THAT ARE TESTED IN ACCORDANCE WITH CAN4-S115 AND INSTALL ALL FIRE STOPPING SYSTEM IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION. STANDARD OF ACCEPTANCE: 3M, HILTI.
10. DURING DEMOLITION, CONTRACTOR SHOULD INCLUDE VIDEO SCOPING FOR THE PLUMBING WORK BEFORE AND AFTER CONSTRUCTION AND REPORT BACK TO ENGINEER FOR ANY DAMAGE, BROKEN, LEAKAGE AND ANY DISCREPANCIES. WHERE EXISTING PIPE INSULATIONS/ DAMAGES FOUND TO REQUIRE REPAIR, RECORD THE EXTENT OF THE REQUIRES REPAIR ON PLANS AND REPORT TO THE CLIENT/CONSULTANT.

PLUMBING DEMO. DRAWING NOTES:

(1) DEMOLISH ALL EXISTING PLUMBING FIXTURES IN THIS SCOPE COMPLETE WITH ALL ASSOCIATED PLUMBING AND TRIMS. INCLUDING BUT NOT LIMITED TO DOMESTIC COLD/ HOT WATER, VENT AND SANITARY. ALL DCW & DHW BRANCH PIPING SHALL BE CAPPED BACK TO WALL . LAVATORY AND URINAL SANITARY DRAIN CAP BACK TO WALL FOR FUTURE CONNECTION. TOILET SANITARY DRAIN CAP BACK TO THE FLOOR BELOW AT MAIN FOR FUTURE CONNECTION. INSULATION, HANGERS AND SUPPORT NOT BEING REUSED AS PART OF THIS CONTRACT. SEAL AND PATCH ALL WALL/FLOOR OPENING TO MATCH EXISTING OR FOLLOW THE ARCHITECT REQUIREMENT. (TYPICAL) .

(2) EXISTING DCW MAIN BRANCH AND BRANCH TO BE REMOVED AND REPLACE TO NEW SIZE AS INDICATED ON NEW DRAWING PLAN.. CONTRACTOR TO VERIFY THE EXACT SIZE AND LOCATION ON SITE.

(3) EXISTING DHW, DHWR DISTRIBUTION MAIN BRANCH TO REMAIN.

(4) EXISTING DRINK FOUNTAIN TO REMAIN.

(5) EXISTING DCW ,DHW, DHWR RISER IN PIPE CHASE TO REMAIN

(6) EXISTING SANITARY DRAIN IN PIPE CHASE TO REMAIN

(7) REMOVE EXISTING FLOOR DRAIN, CAP SANITARYDRAIN BACK TO MAIN IN CEILING SPACE AT FLOOR BELOW FOR FUTURE CONNECTION. TYPICAL

(8) REMOVE EXISTING FLOOR DRAIN, CAP SANITARYDRAIN BACK TO MAIN IN CEILING SPACE AT FLOOR BELOW FOR FUTURE CONNECTION. TYPICAL

(9) REMOVE EXISTING KITCHEN SINK WITH ALL ASSOCIATED PLUMBING AND TRIMS. INCLUDING BUT NOT LIMITED TO DOMESTIC COLD/ HOT WATER, VENT AND SANITARY. ALL DCW & DHW, DHWR BRANCH PIPING SHALL BE CAPPED BACK TO WALL . SANITARY DRAIN TO BE CUT BACK TO SLAB BELOW. CONTRACTOR TO VERIFY THE EXISTING PLUMBING ON SITE AND REPORT BACK TO ENGINEER.

PLUMBING GENERAL NEW WORK NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, MINISTRY OF THE ENVIRONMENT, MINISTRY OF LABOUR, NFPA, BUILDING MANAGEMENT'S GUIDELINES (REFER TO ARCH. SPEC).
2. ALL NEW SERVICES SHOWN ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE AND MAY BE ALTERED ON SITE TO MEET THE ON-SITE CONDITIONS OF THE PROJECT. CONTRACTOR TO REVIEW ALL THE EXISTING SERVICES AND COORDINATE WITH THE NEW INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH THE BUILDING MANAGEMENT FOR APPROVAL OF ANY SHUT DOWN OF EXISTING SYSTEM/SERVICES. THE CONTRACTOR SHALL DETERMINE THE BEST METHOD TO MINIMIZE SERVICE INTERRUPTION AND IMPACT ON FACILITY OPERATION, INCLUDING USE OF HOT TAP/TEMPORARY FREEZING AND AFTER-HOUR WORK AS REQUIRED. PROVIDE MIN. ONE WEEK NOTICE FOR BUILDING MANAGEMENT TO PLAN THE SHUT DOWN. CONTRACTOR TO ENSURE MIN. SHUTDOWNS.
4. CONTRACTOR TO REROUTE ANY EXISTING SERVICES IF REQUIRED TO INSTALL NEW SERVICES. ALL SERVICES SHALL BE INSTALLED USING EXISTING BEAM OPENINGS AS MUCH AS POSSIBLE, IN THE EVENT OF NO SPACE THROUGH BEAM OPENING, SERVICES SHALL BE INSTALLED AS HIGH AS POSSIBLE TO THE UNDERSIDE OF THE BEAM. COORDINATE ALL SERVICES PRIOR TO INSTALLATION. THE LOWER SERVICES INSTALLED WILL BE ASKED TO RELOCATE IF SPACE AVAILABLE AT HIGH LEVEL.
5. COORDINATE WITH ALL CONSULTANT DRAWINGS BEFORE ORDERING ANY NEW EQUIPMENT, GRILLES & DIFFUSERS, SPRINKLER HEADS ETC.
6. CONTRACTOR TO INCLUDE FOR ALL OFFSETS REQUIRED FOR COORDINATION WITHIN MECHANICAL AND ELECTRICAL SERVICES. THE OFFSETTING INCLUDES ALL HVAC, HYDRONICS, PLUMBING AND FIRE PROTECTION SERVICES.
7. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDING THE MINIMUM PERFORMANCE REQUIREMENTS. THE FIRE PROTECTION SYSTEM SHALL BE PREPARED, COMPLETE, STAMPED, SIGNED, AND APPROVED BY A LICENSED SPRINKLER CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE FLOW TEST INFORMATION PRIOR TO PREPARATION OF DRAWINGS AND HYDRAULIC CALCULATIONS.
8. CONTRACTOR TO PROVIDE FIRE WATCH AS REQUIRED TO MAINTAIN FIRE SAFETY OF THE CONSTRUCTION SITE SCOPE AREA.
9. THE CONTRACTOR SHALL PROVIDE FIRE-STOPPING ON ALL NEW PIPING AND CONDUIT PENETRATIONS THROUGH A FIRE-RATED WALL OR FLOOR AND ANY HOLES THAT RESULT FROM REMOVAL OF EXISTING SERVICES THROUGH A FIRE-RATED WALL OR FLOOR.
10. READ ALL THE DRAWINGS FOR COMPLETE INFORMATION.
11. INCLUDE FOR FREEZING OF ALL SERVICES WITH THE ASSUMPTION THAT NO VALVES WILL HOLD AND REPLACE ALL WITH NEW LEVER BALL VALVES (OR SCREW TYPE ONLY WHERE APPROPRIATE)
12. THE EXISTING SERVICES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND SITE SURVEYS. THE MECHANICAL SHALL CARRY OUT A FULL SURVEY OF ALL EXISTING SERVICES TO CONFIRM THE SIZE AND LOCATION OF THESE SERVICES BEFORE THE COMMENCEMENT OF ANY WORK.
13. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CUTTING EXISTING WALLS AND FLOOR SLAB. IF EXISTING SERVICES ARE CUT/DAMAGED,IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH AND REPAIR THE SERVICE.
14. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF PLUMBING STACKS AND WATER SUPPLY MAINS THAT REQUIRE OFFSETTING AND MAKE ANY NEW CONNECTIONS RESPECTIVELY DURING CONSTRUCTION PERIOD.
15. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR FINAL SERVICE ROUTING ON SITE.
16. CONTRACTOR TO ALLOW ADDITIONAL 20 PIPE HANGERS/FLOOR AND SUPPORTS ON EXISTING PIPING IF NECESSARY. THE CREDIT FOR THE HANGERS SHALL BE GIVEN BACK TO THE BUILDING MANAGEMENT IF NOT USED.
17. CONTRACTOR TO ALLOW FOR INSULATION ON EXISTING PIPING IF IT IS DAMAGED OR MISSED.
18. CAP ALL OBSOLETE WASTE PIPING BELOW THE SLAB, WATER PIPING BACK AT MAINS AND VENT PIPING ABOVE FINISHED CEILINGS. PATCH ALL FLOORS, WALL AND CEILINGS AS REQUIRED TO MEET FIRE RATINGS.
19. FOR DUST CONTROL, CAP EXISTING DUCTS IN THE CONSTRUCTION AREA. CONNECTION TO EXISTING AIR DUCTS TO BE DONE AFTER COMPLETION OF ALL DUST PRODUCING TASKS.
20. REMOVE ALL REDUNDANT PIPES, CONDUITS, INCLUDING LOOSE WIRES AND DUCTWORK. CAP AT MAIN.
21. COORDINATE WITH BUILDING OPERATION TEAM FOR SHUT DOWNS AND DRAINING FIRE LINE PRIOR TO COMMENCING NEW WORK. PROVIDE FIRE WATCH AS REQUIRED TO ENSURE BUILDING SAFETY DURING SPRINKLER MAIN PIPE REMOVAL.
22. CONTRACTOR TO PROVIDE TRAP SEAL PRIMER AND PIPING SYSTEM PER OBC PART 7.
23. CONTRACTOR TO PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE.
24. ALL SERVICES WITHIN THE CEILING SPACE SHALL BE OUTSIDE THE SHAFT AND ALL SERVICES BELOW CEILING SHALL BE CAPPED WITHIN THE SHAFT ENCLOSURE CONTRACTOR TO COORDINATE THE SHAFT OPENING SIZE.

PLUMBING NEW WORK DRAWING NOTES:

(1) PROVIDE NEW DOMESTIC COLD WATER PIPE C/W INSULATION AND ALL ACCESSORIES FROM DCW SUPPLY RISER WITHIN CEILING SPACE TO SERVE NEW PLUMBING FIXTURES AS SHOWN.

(2) PROVIDE NEW DOMESTIC HOT WATER PIPE C/W INSULATION AND ALL ACCESSORIES FROM EXISTING DHW SUPPLY MAIN WITHIN CEILING SPACE TO SERVE PLUMBING FIXTURE AS SHOWN.

(3) INSTALLED NEW LAVATORY , PROVIDE NEW 15Ø HOT AND COLD WATER LINES ,32Ø VENT LINE AND 40Ø SANITARY LINE FROM 'L-1'/'L-2' TO TIE BACK TO EXISTING DCW, DHW AND SANITARY DRAIN BRACH BACK TO THE WALL. ALLOW FOR CUTTING AND PATCHING WALL , FLOOR , CEILING ON FLOOR ABOVE AS NEEDED. (TYPICAL) . CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL)

(4) INSTALL NEW FLOOR MOUNTED TOILET TO REPLACE EXISTING AT SAME LOCATION. PROVIDE 25Ø COLD WATER LINE DOWN TO NEW 'WC-1'/ 'WC-2', 50Ø VENT LINE UP FROM 'WC-1'/ 'WC-2',AND 75Ø SANITARY LINE DOWN FROM 'WC-1'/ 'WC-2' TIE TO EXISTING DRAIN BRANCH. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED. ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. (TYPICAL).

(5) INSTALL NEW FLOOR DRAIN "FD-1", PROVIDE NEW DRAIN TRAP AND 100Ø DRAIN BRANCH TIE BACK TO EXISTING SANITARY DRAIN AT FLOOR BELOW. CONTRACTOR TO VERIFY THE EXACT CONNECTION POINT AND COORDINATE ON SITE. ALLOW FOR X-RAY/SCANNING OF EXISTING FLOOR SLAB. ALLOW FOR CUTTING AND PATCHING WALL, FLOOR AND CEILING ON FLOOR BELOW AS NEEDED .(TYPICAL)

(6) PROVIDE NEW DOMESTIC HOT WATER RE -CIRCULATION PIPE C/W INSULATION AND ALL ACCESSORIES FROM EXISTING DHWR SUPPLY MAIN WIYHIN CEILING TO SERVE NEW KITCHEN.

(7) PROVIDE NEW SHUTOFF VALVE IN NEW OR EXISTING DCW/DHW LINE AS INDICATED ON THE PLAN. TYPICAL

(8) PROVIDE ELECTRONIC TYPE TRAP SEAL PRMIER AS PER OBC PART 7 REQUIREMENT. FINAL LOCATION TO BE COORDINATE ON SITE (TYPICAL).

(9) IN THIS SCOPE WORK, PROVIDE SANITARY VENT PIPE PER OBC PART 7 REQUIREMENT WITHIN WET WALL AND UP TO CEILING TO CONNECT TO EXISTING BUILDING VENT MAIN. CONTRACTOR TO VERIFY THE EXISTING AVAILABLE VENT PIPE LOCATION AND THE EXACT CONNECT POINT ON SITE (TYPICAL)

(10) PROVIDE NEW KITCHEN SINK (KS), FAUCET AND ALL NECESSARY WATER SUPPLIES, SHUT-OFF VALVES, P-TRAP, CLEAN OUT AND PLUMBING ACCESSORIES FOR COMPLETE OPERATIONAL INSTALLATION . INSTALL 15Ø HOT AND COLD WATER LINE DOWN TO NEW 'KS', 32Ø VENT LINE UP FROM 'KS' AND 40Ø SANITARY LINE DOWN FROM 'KS'. ALLOW FOR CUTTING AND PATCHING OF CEILINGAND WALL AS NEEDED. EXTEND 15Ø VALVED H.W. LINE FOR DISHWASHER CONNECTION. (TYPICAL).

(11) PROVIDE NEW 20Ø COLD WATER LINE DOWN TO NEW 'U-1', 40Ø VENT UP FROM 'U-1' AND 50Ø SANITARY LINE DOWN FROM 'U-1' TIE BACK TO EXISTING SANITARY DRAIN AT PIPE CHASE. ALL FOR CUTTING AND PATCHING OF CEILING ON FLOOR BELOW AS NEEDED (TYPICAL).

(12) PROVIDE SHUT-OFF VALVE FOR ALL THE NEW PLUMBING FIXTURES DCW/DHW SUPPLY BRANCH.(TYPICAL).

(13) PROVIDE WALL MOUNTED 15Ø HOSE BIB AND ASSOCIATE DCW PIPE SUPPLY(TYP. OF 6).

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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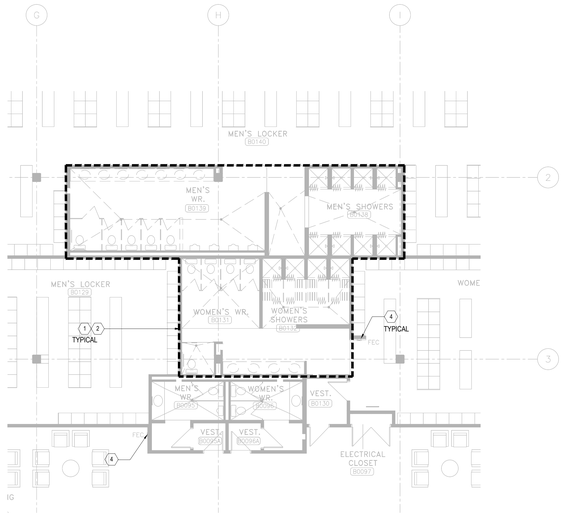
ISSUED FOR CONSTRUCTION DATE

NORTH
PROJECT NORTH

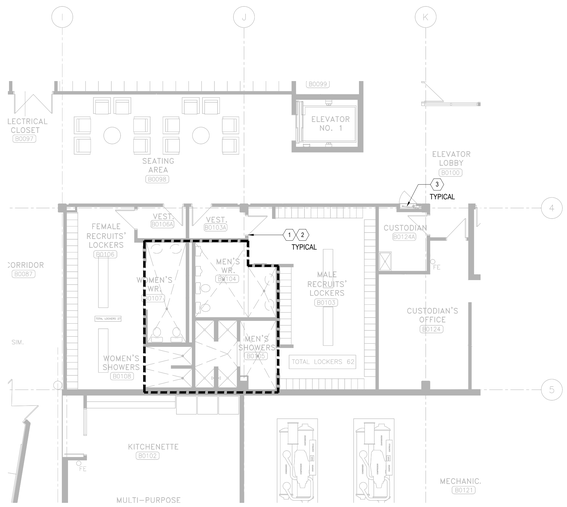
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
PARTIAL THIRD FLOOR - PLUMBING DEMO & NEW

SHEET NO.	DRAWN BY	CHECKED
M304	SS/LL	KE
	PROJECT NO. MRK-25008951-A0	
	SCALE	



1 M401 PARTIAL BASEMENT FP PLAN - DEMO
SCALE: 1:100



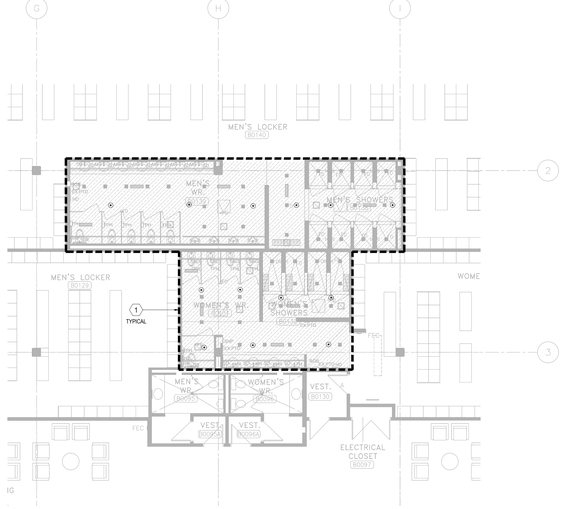
2 M401 PARTIAL BASEMENT FP PLAN - DEMO
SCALE: 1:100

GENERAL NOTES:

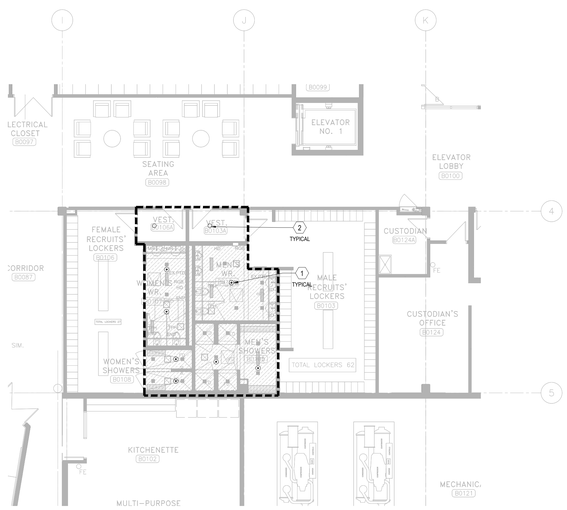
1. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
2. DEMOLITION DRAWINGS HAVE BEEN PREPARED AS A GENERAL GUIDE TO THE CONTRACTOR. NOT ALL SERVICES HAVE BEEN SHOWN. THE CONTRACTOR SHALL REMOVE ALL REDUNDANT SERVICES TO THE NEAREST ACTIVE REMAINING SOURCE, WHETHER THEY HAVE OR HAVE NOT BEEN SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR DEMOLITION
3. DEMOLITION SCOPE REFER ON EXISTING "AS BUILT" DRAWING FROM ORIGINAL CONSTRUCTION REFER TO APPENDIX . NOT ALL SERVICES HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SURVEY THE SPACE AND VERIFY EXTENT OF DEMOLITION WORK INVOLVED.
4. DURING DEMOLITION STAGE THE SPRINKLER HEAD WILL BE TURNED UPRIGHT TO SUIT REMOVAL OF REFLECTED CEILINGS.ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL STAGES OF CONSTRUCTION OTHERWISE CONTRACTOR SHOULD COORDINATE WITH BUILDING OPERATION TEAM TO PROVIDE FIRE WATCH DURING FIRE PROTECTION SYSTEM SHORT TIME NON WORKING PERIOD.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING SPRINKLER HEADS FROM AREA OF RENOVATION. CAP EXISTING SPRINKLER BRANCH PIPE FOR NEW CONNECTION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
6. PRIOR TO DEMOLITION, COORDINATE SHUT DOWN WITH BUILDING OPERATION TEAM AND ISOLATE SERVICES. PHASING REQUIREMENTS OF PROJECT MAY REQUIRE SOME EXISTING SERVICE BE LEFT IN OPERATION UNTIL NEW SERVICES ARE INSTALLED. CAREFULLY REVIEW PHASING SET OUT BY ARCHITECT.

FIRE PROTECTION DEMOLITION DRAWING NOTES:

1. ALL EXISTING SPRINKLER SYSTEMSUPPLY MAIN TO REMAIN. (TYPICAL)
2. ALL EXISTING CEILING MOUNTED SPRINKLER HEADS WITHIN THE AREA TO BE DEMOLISHED. CAP BRANCH BACK TO MAIN. PROVIDE FIRE WATCH AS REQUIRED FOR THE DURATION WHEN SPRINKLER SYSTEM IS DRAINED DOWN. (TYPICAL OF ALL))
3. EXISTING SPRINKLER ZONE CONTROL VALVE CABINET TO REMAIN. (TYPICAL)
4. ALL EXISTING FIRE EXTINGUISHERS WITHIN THIS RENOVATION AREA TO BE REMOVED AND TURNING BACK TO LANDLORD. (TYPICAL)



3 M401 PARTIAL BASEMENT FP PLAN - NEW
SCALE: 1:100



4 M401 PARTIAL BASEMENT FP PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. LOCATIONS OF ITEMS ARE APPROXIMATE AND ARE INTENDED TO BE USED FOR COORDINATION. EXACT LOCATIONS ARE DEPENDANT UPON SITE CONDITIONS. REVIEW ANY REVISIONS WITH CONSULTANT.
2. HEAD LOCATION, HEAD QUANTITY, AND LAYOUT OF SPRINKLER SYSTEMS SHOWN ON DRAWINGS ARE TO ASSIST TENDER COORDINATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ADEQUATE HEAD COVERAGE, HEAD QUANTITIES, PIPE SIZING, ZONING, AND VALVING FOR THE SYSTEM AS PER NFPA 13 HAZARD OCCUPANCIES, OWNER'S INSURERS' STANDARDS, AND AUTHORITIES HAVING JURISDICTION. INSTALL ADDITIONAL HEADS, VALVES, AND RESIZE PIPING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
3. UPON COMPLETION, DIVISION 15 SHALL SUBMIT FIRE PROTECTION ENGINEER,STAMPED LETTER CERTIFYING THAT ALL FIRE SPRINKLER WORKS WITHIN THE EXTENT OF THIS PROJECT COMPLIES WITH NFPA 13 AND OBC.
4. SIZE REDUCTION OF SPRINKLER MAIN SHALL NOT BE ACCEPTED UNLESS APPROVED BY THE CONSULTANT. RE-ROUTING OF SPRINKLER MAIN SHALL BE APPROVED IN ADVANCE BY THE CONSULTANT.
5. EXACT PIPE ROUTES, DROPS, AND FINAL CONNECTIONS SHALL BE DETERMINED ON SITE WITH PROJECT MANAGER. REFER TO INTERIOR DESIGNER DRAWINGS AND SHOP DRAWINGS FOR ALL EQUIPMENT AND FIXTURE LOCATIONS AND CONNECTIONS.
6. PROVIDE ALL REQUIRED CUTTING AND PATCHING OF EXISTING FLOORING TO FACILITATE THE INSTALLATION OF THE MECHANICAL SERVICES OUTLINED FOR THIS SCOPE OF WORK.
7. SPRINKLER SHOP DRAWINGS INCLUDING HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO MECHANICAL CONSULTANT IN DUPLICATE FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER CURRENTLY PRACTICING IN THE FIRE PROTECTION INDUSTRY.
8. PROVIDE NEW PORTABLE FIRE EXTINGUISHERS FOR SPACE PER OFC REQUIREMENTS.
9. ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL THE CONSTRUCTION STAGES. PROVIDE BUILDING FIRE WATCH DURING SPRINKLER HEAD DEMOLISH AND INSTALLATION PERIOD.

FIRE PROTECTION NEW WORK DRAWING NOTES:

1. PROVIDE NEW CEILING CONCEALED PENDANT SPRINKLER HEADS FOR ALL GYPSUM, ARMSTRONG WOOD WORKS FLAT CEILING AREA. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
2. PROVIDE NEW UPRIGHT SPRINKLER HEADS FOR EXPOSED CEILING AREA. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).

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2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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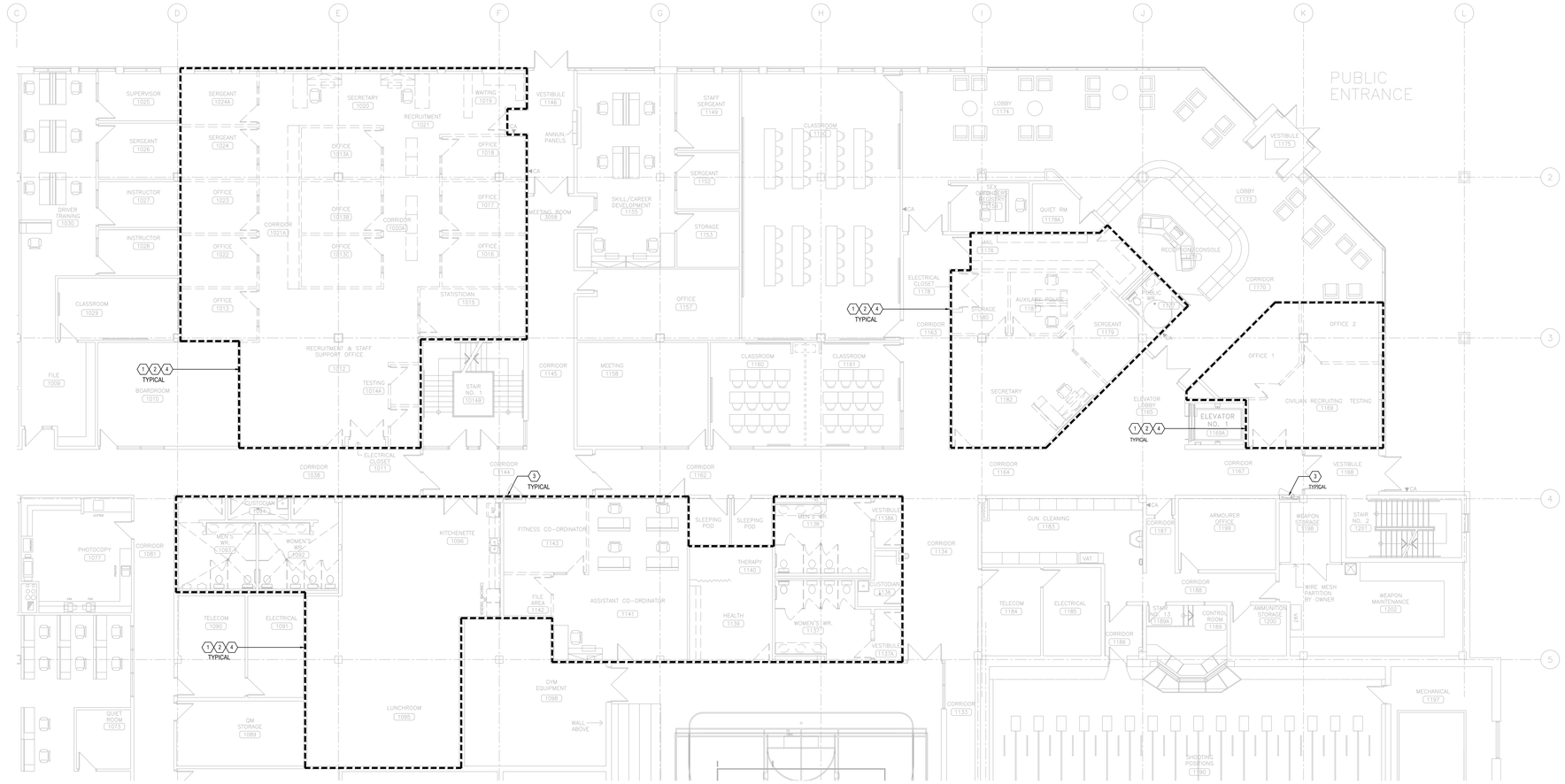
NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL BASEMENT FLOOR - FP DEMO & NEW

SHEET NO. M401
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



1 / M402 PARTIAL GROUND FLOOR FP PLAN - DEMO
SCALE: 1:100

GENERAL NOTES:

1. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
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4. DURING DEMOLITION STAGE THE SPRINKLER HEAD WILL BE TURNED UPRIGHT TO SUIT REMOVAL OF REFLECTED CEILINGS.ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL STAGES OF CONSTRUCTION OTHERWISE CONTRACTOR SHOULD COORDINATE WITH BUILDING OPERATION TEAM TO PROVIDE FIRE WATCH DURING FIRE PROTECTION SYSTEM SHORT TIME NON WORKING PERIOD.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING SPRINKLER HEADS FROM AREA OF RENOVATION. CAP EXISTING SPRINKLER BRANCH PIPE FOR NEW CONNECTION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
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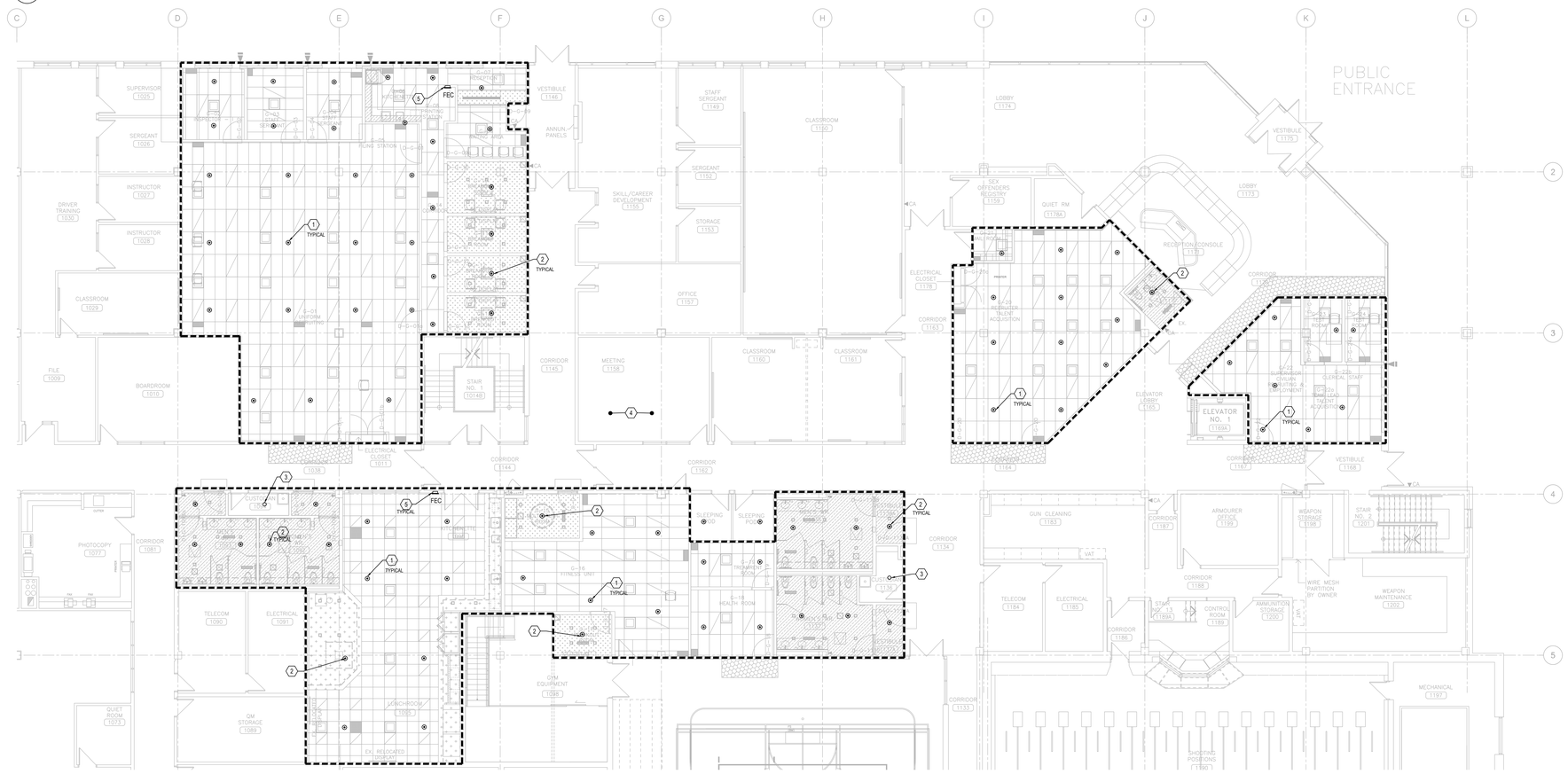
FIRE PROTECTION DEMOLITION DRAWING NOTES:

1. ALL EXISTING SPRINKLER SYSTEM SUPPLY MAIN TO REMAIN. (TYPICAL)
2. ALL EXISTING CEILING MOUNTED SPRINKLER HEADS WITHIN THE AREA TO BE DEMOLISHED. CAP BRANCH BACK TO MAIN. PROVIDE FIRE WATCH AS REQUIRED FOR THE DURATION WHEN SPRINKLER SYSTEM IS DRAINED DOWN. (TYPICAL OF ALL))
3. EXISTING SPRINKLER ZONE CONTROL VALVE CABINET TO REMAIN, TYPICAL
4. ALL EXISTING FIRE EXTINGUISHERS WITHIN THIS RENOVATION AREA TO REMAIN. (TYPICAL)



2 / M402 PARTIAL GROUND FLOOR FP PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. LOCATIONS OF ITEMS ARE APPROXIMATE AND ARE INTENDED TO BE USED FOR COORDINATION. EXACT LOCATIONS ARE DEPENDANT UPON SITE CONDITIONS. REVIEW ANY REVISIONS WITH CONSULTANT.
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3. UPON COMPLETION, DIVISION 15 SHALL SUBMIT FIRE PROTECTION ENGINEER-STAMPED LETTER CERTIFYING THAT ALL FIRE SPRINKLER WORKS WITHIN THE EXTENT OF THIS PROJECT COMPLIES WITH NFPA 13 AND OBC.
4. SIZE REDUCTION OF SPRINKLER MAIN SHALL NOT BE ACCEPTED UNLESS APPROVED BY THE CONSULTANT. RE-ROUTING OF SPRINKLER MAIN SHALL BE APPROVED IN ADVANCE BY THE CONSULTANT.
5. EXACT PIPE ROUTES, DROPS, AND FINAL CONNECTIONS SHALL BE DETERMINED ON SITE WITH PROJECT MANAGER. REFER TO INTERIOR DESIGNER DRAWINGS AND SHOP DRAWINGS FOR ALL EQUIPMENT AND FIXTURE LOCATIONS AND CONNECTIONS.
6. PROVIDE ALL REQUIRED CUTTING AND PATCHING OF EXISTING FLOORING TO FACILITATE THE INSTALLATION OF THE MECHANICAL SERVICES OUTLINED FOR THIS SCOPE OF WORK.
7. SPRINKLER SHOP DRAWINGS INCLUDING HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO MECHANICAL CONSULTANT IN DUPLICATE FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER CURRENTLY PRACTICING IN THE FIRE PROTECTION INDUSTRY.
8. PROVIDE NEW PORTABLE FIRE EXTINGUISHERS FOR SPACE PER OFC REQUIREMENTS.
9. ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL THE CONSTRUCTION STAGES. PROVIDE BUILDING FIRE WATCH DURING SPRINKLER HEAD DEMOLISH AND INSTALLATION PERIOD.

FIRE PROTECTION NEW WORK DRAWING NOTES:

1. PROVIDE NEW CEILING CONCEALED PENDANT SPRINKLER HEADS FOR ALL GYPSUM, ARMSTRONG WOOD WORKS FLAT CEILING AREA. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
2. PROVIDE NEW CEILING CONCEALED SPRINKLER HEADS IN T-BAR CEILING SPACE. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
3. PROVIDE NEW UPRIGHT SPRINKLER HEADS FOR EXPOSED CEILING SPACE. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
4. ALLOW FOR THE INSTALLATION 5 ADDITIONAL SPRINKLER HEADS C/W ASSOCIATED BRAMCH PIPING AS MAY BE REQUIRED FOR THE INTERFERENCES IN ARCH. CEILING AREA.
5. PROVIDE NEW SLBS RECESSED TYPE A,B,C FIRE EXTINGUISHER TO MATCH EXISTING AT THIS APPROXIMATE LOCATION.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
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REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

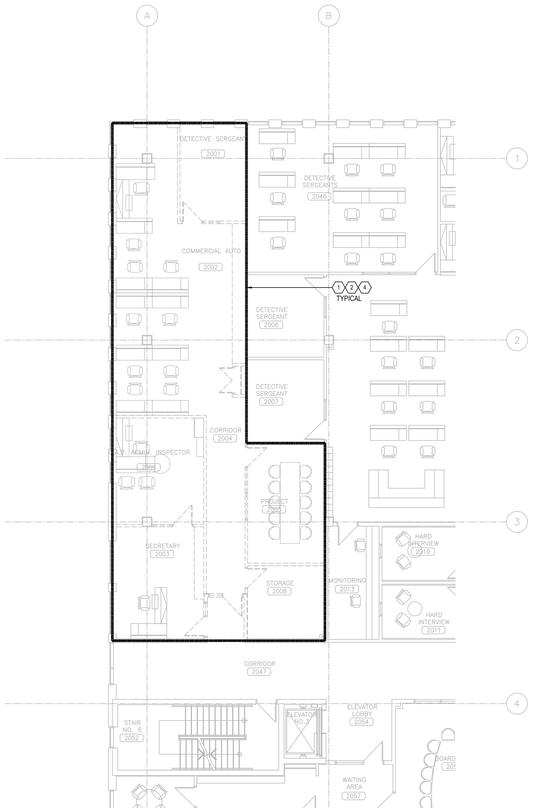
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL GROUND FLOOR - FP DEMO & NEW

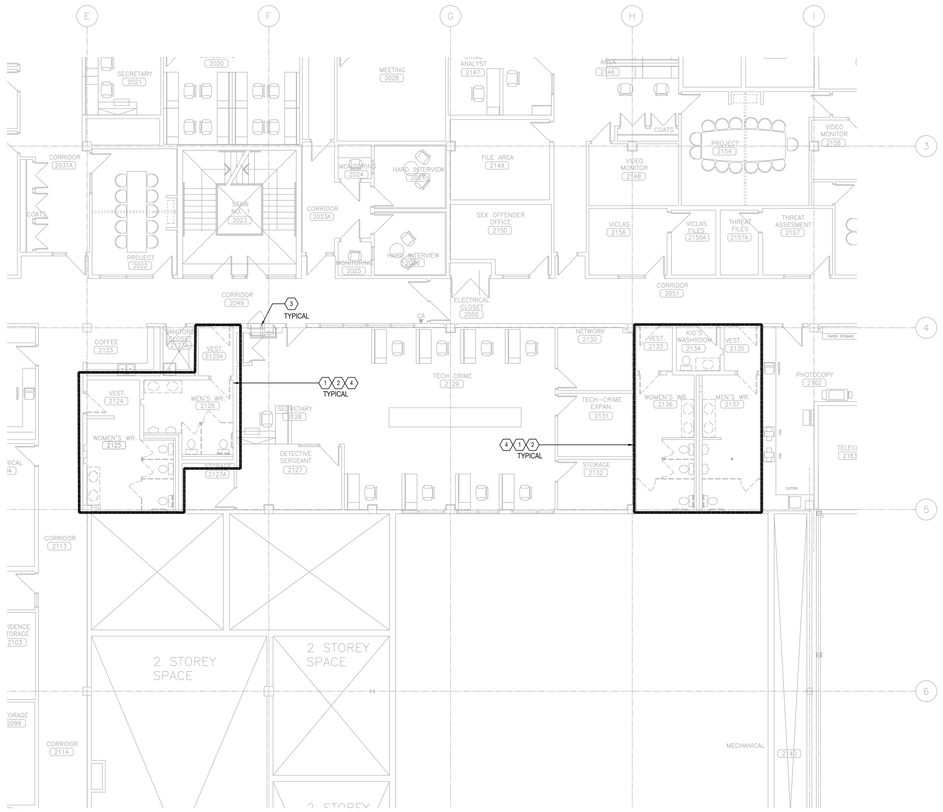
SHEET NO.	DRAWN BY	CHECKED
M402	SS/LL	KE

PROJECT NO. MRK-25008951-A0

SCALE



1 M403 PARTIAL SECOND FP PLAN - DEMO
SCALE: 1:100



2 M403 PARTIAL SECOND FP PLAN - DEMO
SCALE: 1:100

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5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING SPRINKLER HEADS FROM AREA OF RENOVATION. CAP EXISTING SPRINKLER BRANCH PIPE FOR NEW CONNECTION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
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FIRE PROTECTION DEMOLITION DRAWING NOTES:

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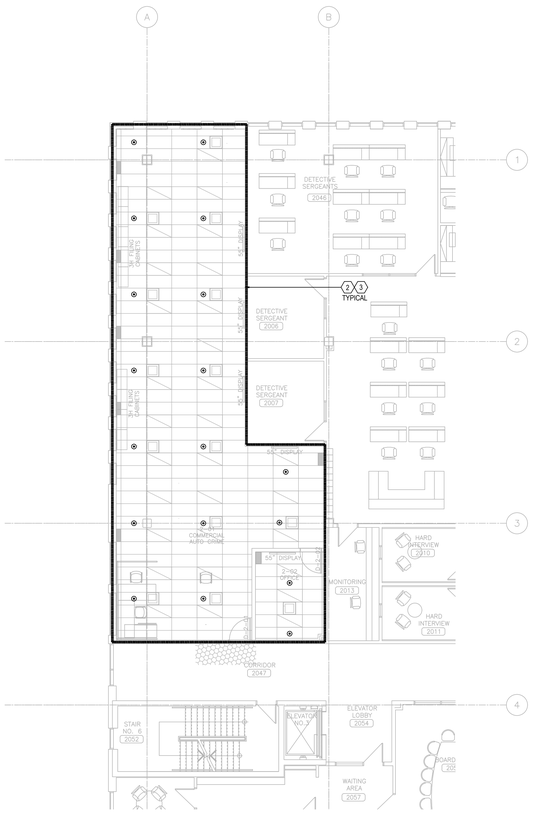
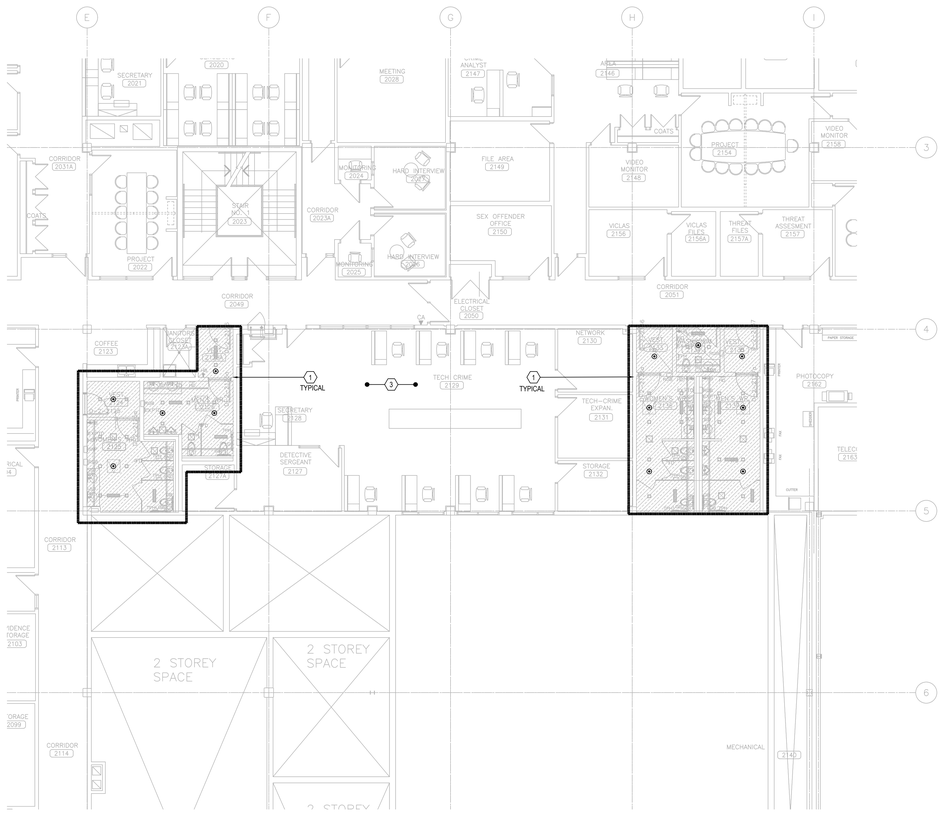
4. ALL EXISTING FIRE EXTINGUISHERS WITHIN THIS RENOVATION AREA TO BE REMOVED AND TURNING BACK TO LANDLORD. (TYPICAL)



3 M403 PARTIAL SECOND FLOOR FP PLAN - NEW
SCALE: 1:100



4 M403 PARTIAL SECOND FLOOR FP PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. LOCATIONS OF ITEMS ARE APPROXIMATE AND ARE INTENDED TO BE USED FOR COORDINATION. EXACT LOCATIONS ARE DEPENDANT UPON SITE CONDITIONS. REVIEW ANY REVISIONS WITH CONSULTANT.
2. HEAD LOCATION, HEAD QUANTITY, AND LAYOUT OF SPRINKLER SYSTEMS SHOWN ON DRAWINGS ARE TO ASSIST TENDER COORDINATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ADEQUATE HEAD COVERAGE, HEAD QUANTITIES, PIPE SIZING, ZONING, AND VALVING FOR THE SYSTEM AS PER NFPA 13 HAZARD OCCUPANCIES, OWNER'S INSURERS' STANDARDS, AND AUTHORITIES HAVING JURISDICTION. INSTALL ADDITIONAL HEADS, VALVES, AND RESIZE PIPING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
3. UPON COMPLETION, DIVISION 15 SHALL SUBMIT FIRE PROTECTION ENGINEER-STAMPED LETTER CERTIFYING THAT ALL FIRE SPRINKLER WORKS WITHIN THE EXTENT OF THIS PROJECT COMPLIES WITH NFPA 13 AND OBC.
4. SIZE REDUCTION OF SPRINKLER MAIN SHALL NOT BE ACCEPTED UNLESS APPROVED BY THE CONSULTANT. RE-ROUTING OF SPRINKLER MAIN SHALL BE APPROVED IN ADVANCE BY THE CONSULTANT.
5. EXACT PIPE ROUTES, DROPS, AND FINAL CONNECTIONS SHALL BE DETERMINED ON SITE WITH PROJECT MANAGER. REFER TO INTERIOR DESIGNER DRAWINGS AND SHOP DRAWINGS FOR ALL EQUIPMENT AND FIXTURE LOCATIONS AND CONNECTIONS.
6. PROVIDE ALL REQUIRED CUTTING AND PATCHING OF EXISTING FLOORING TO FACILITATE THE INSTALLATION OF THE MECHANICAL SERVICES OUTLINED FOR THIS SCOPE OF WORK.
7. SPRINKLER SHOP DRAWINGS INCLUDING HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO MECHANICAL CONSULTANT IN DUPLICATE FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER CURRENTLY PRACTICING IN THE FIRE PROTECTION INDUSTRY.
8. PROVIDE NEW PORTABLE FIRE EXTINGUISHERS FOR SPACE PER OFC REQUIREMENTS.
9. ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL THE CONSTRUCTION STAGES. PROVIDE BUILDING FIRE WATCH DURING SPRINKLER HEAD DEMOLISH AND INSTALLATION PERIOD.

FIRE PROTECTION NEW WORK DRAWING NOTES:

1. PROVIDE NEW CEILING CONCEALED PENDANT SPRINKLER HEADS FOR ALL GYPSUM, ARMSTRONG WOOD WORKS FLAT CEILING AREA. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
2. PROVIDE NEW CEILING CONCEALED SPRINKLER HEADS IN T-BAR CEILING SPACE. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
3. ALLOW FOR THE INSTALLATION 5 ADDITIONAL SPRINKLER HEADS C/W ASSOCIATED BRAMCH PIPING AS MAY BE REQUIRED FOR THE INTERFERENCES IN ARCH. CEILING AREA

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report errors and omissions to the consultant. Do not scale drawings. Use only the dimensions whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

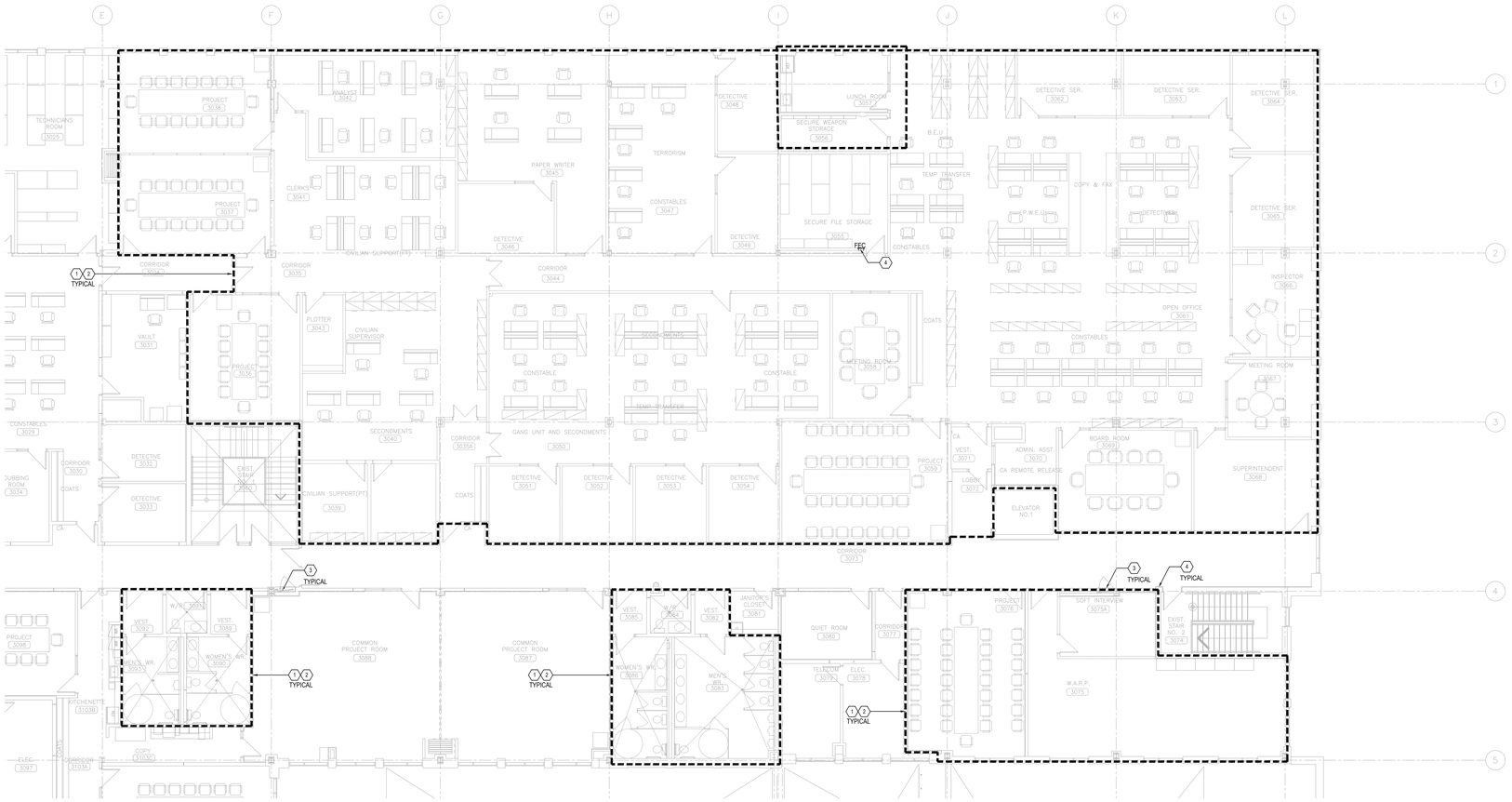
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL SECOND FLOOR - FP DEMO & NEW

SHEET NO.	DRAWN BY	CHECKED
M403	SS/LL	KE

PROJECT NO.
MRK-25008951-A0

SCALE



1 M404 PARTIAL THIRD FLOOR FP PLAN - DEMO
SCALE: 1:100

GENERAL NOTES:

1. PRIOR TO COMMENCEMENT OF THE WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS, THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF THE WORK.
2. DEMOLITION DRAWINGS HAVE BEEN PREPARED AS A GENERAL GUIDE TO THE CONTRACTOR, NOT ALL SERVICES HAVE BEEN SHOWN. THE CONTRACTOR SHALL REMOVE ALL REDUNDANT SERVICES TO THE NEAREST ACTIVE REMAINING SOURCE, WHETHER THEY HAVE OR HAVE NOT BEEN SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR DEMOLITION
3. DEMOLITION SCOPE REFER ON EXISTING "AS BUILT" DRAWING FROM ORIGINAL CONSTRUCTION REFER TO APPENDIX. NOT ALL SERVICES HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SURVEY THE SPACE AND VERIFY EXTENT OF DEMOLITION WORK INVOLVED.
4. DURING DEMOLITION STAGE THE SPRINKLER HEAD WILL BE TURNED UPRIGHT TO SUIT REMOVAL OF REFLECTED CEILINGS.ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL STAGES OF CONSTRUCTION OTHERWISE CONTRACTOR SHOULD COORDINATE WITH BUILDING OPERATION TEAM TO PROVIDE FIRE WATCH DURING FIRE PROTECTION SYSTEM SHORT TIME NON WORKING PERIOD.
5. UNLESS SPECIFICALLY SHOWN TO REMAIN ON THE DRAWINGS, REMOVE ALL EXISTING SPRINKLER HEADS FROM AREA OF RENOVATION. CAP EXISTING SPRINKLER BRANCH PIPE FOR NEW CONNECTION. ALLOW FOR CUTTING AND PATCHING OF CEILINGS AND WALLS NECESSARY TO REMOVE SERVICES IN THE EVENT THAT THE EXISTING CEILINGS OR WALLS ARE NOT BEING REMOVED BY THE GENERAL CONTRACTOR.
6. PRIOR TO DEMOLITION, COORDINATE SHUT DOWN WITH BUILDING OPERATION TEAM AND ISOLATE SERVICES. PHASING REQUIREMENTS OF PROJECT MAY REQUIRE SOME EXISTING SERVICE BE LEFT IN OPERATION UNTIL NEW SERVICES ARE INSTALLED. CAREFULLY REVIEW PHASING SET OUT BY ARCHITECT.

FIRE PROTECTION DEMOLITION DRAWING NOTES:

1. ALL EXISTING SPRINKLER SYSTEMSUPPLY MAIN TO REMAIN. (TYPICAL)
2. ALL EXISTING CEILING MOUNTED SPRINKLER HEADS WITHIN THE AREA TO BE DEMOLISHED. CAP BRANCH BACK TO MAIN. PROVIDE FIRE WATCH AS REQUIRED FOR THE DURATION WHEN SPRINKLER SYSTEM IS DRAINED DOWN. (TYPICAL OF ALL))
3. EXISTING SPRINKLER ZONE CONTROL VALVE CABINET TO REMAIN, TYPICAL
4. ALL EXISTING FIRE EXTINGUISHERS WITHIN THIS RENOVATION AREA MOUNTED ON DEMOLISHED WALL TO BE REMOVED AND TURNING BACK TO LANDLORD OTHER WHILES TO REMAIN AT SAME LOCATION (TYPICAL)

2 M404 PARTIAL THIRD FLOOR FP PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. LOCATIONS OF ITEMS ARE APPROXIMATE AND ARE INTENDED TO BE USED FOR COORDINATION. EXACT LOCATIONS ARE DEPENDANT UPON SITE CONDITIONS. REVIEW ANY REVISIONS WITH CONSULTANT.
2. HEAD LOCATION, HEAD QUANTITY, AND LAYOUT OF SPRINKLER SYSTEMS SHOWN ON DRAWINGS ARE TO ASSIST TENDER COORDINATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ADEQUATE HEAD COVERAGE, HEAD QUANTITIES, PIPE SIZING, ZONING, AND VALVING FOR THE SYSTEM AS PER NFPA 13 HAZARD OCCUPANCIES, OWNER'S INSURERS' STANDARDS, AND AUTHORITIES HAVING JURISDICTION. INSTALL ADDITIONAL HEADS, VALVES, AND RESIZE PIPING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
3. UPON COMPLETION, DIVISION 15 SHALL SUBMIT FIRE PROTECTION ENGINEER-STAMPED LETTER CERTIFYING THAT ALL FIRE SPRINKLER WORKS WITHIN THE EXTENT OF THIS PROJECT COMPLIES WITH NFPA 13 AND OBC.
4. SIZE REDUCTION OF SPRINKLER MAIN SHALL NOT BE ACCEPTED UNLESS APPROVED BY THE CONSULTANT. RE-ROUTING OF SPRINKLER MAIN SHALL BE APPROVED IN ADVANCE BY THE CONSULTANT.
5. EXACT PIPE ROUTES, DROPS, AND FINAL CONNECTIONS SHALL BE DETERMINED ON SITE WITH PROJECT MANAGER. REFER TO INTERIOR DESIGNER DRAWINGS AND SHOP DRAWINGS FOR ALL EQUIPMENT AND FIXTURE LOCATIONS AND CONNECTIONS.
6. PROVIDE ALL REQUIRED CUTTING AND PATCHING OF EXISTING FLOORING TO FACILITATE THE INSTALLATION OF THE MECHANICAL SERVICES OUTLINED FOR THIS SCOPE OF WORK.
7. SPRINKLER SHOP DRAWINGS INCLUDING HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO MECHANICAL CONSULTANT IN DUPLICATE FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER CURRENTLY PRACTICING IN THE FIRE PROTECTION INDUSTRY.
8. PROVIDE NEW PORTABLE FIRE EXTINGUISHERS FOR SPACE PER OFC REQUIREMENTS.
9. ALL FIRE PROTECTION SYSTEM SHOULD KEEP IN OPERATION DURING ALL THE CONSTRUCTION STAGES. PROVIDE BUILDING FIRE WATCH DURING SPRINKLER HEAD DEMOLISH AND INSTALLATION PERIOD.

FIRE PROTECTION NEW WORK DRAWING NOTES:

1. PROVIDE NEW CEILING CONCEALED PENDANT SPRINKLER HEADS FOR ALL GYPSUM, ARMSTRONG WOOD WORKS FLAT CEILING AREA. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
2. PROVIDE NEW CEILING CONCEALED SPRINKLER HEADS IN T-BAR CEILING SPACE. EXTEND OR PROVIDE NEW BRANCH PIPE TO SUIT NEW SPRINKLER HEAD LOCATION. (TYPICAL).
3. PROVIDE NEW SLBS RECESSED TYPE A,B,C FIRE EXTINGUISHER TO MATCH EXISTING AT THIS APPROXIMATE LOCATION.
4. ALLOW FOR THE INSTALLATION 5 ADDITIONAL SPRINKLER HEADS C/W ASSOCIATED BRANCH PIPING AS MAY BE REQUIRED FOR THE INTERFERENCES IN ARCH. CEILING AREA.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
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REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report errors and omissions to the consultant. Drawings prepared by professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

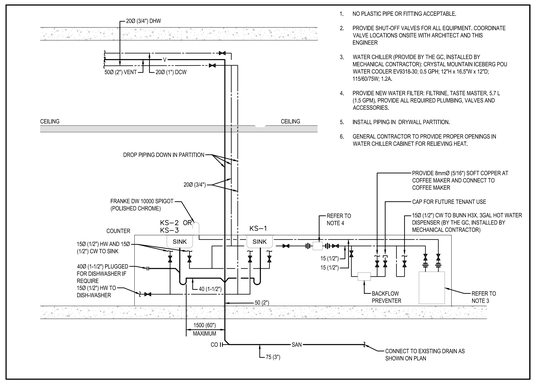
ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

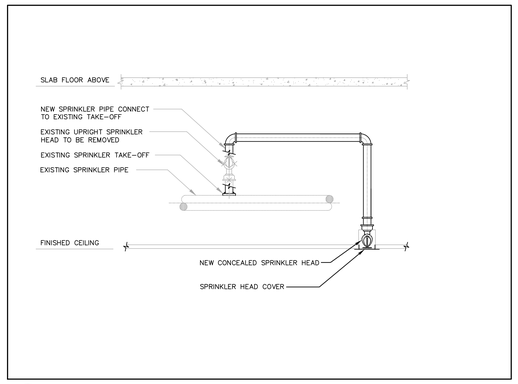
SHEET TITLE
PARTIAL THIRD FLOOR - FP DEMO & NEW

SHEET NO. M404
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE

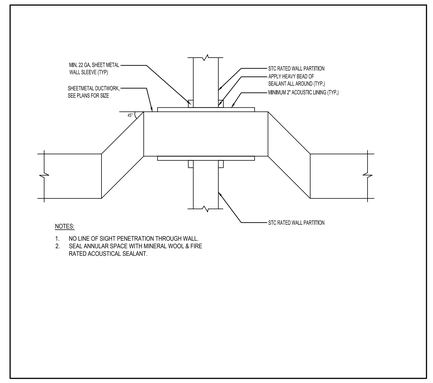


1. NO PLASTIC PIPE OR FITTING ACCEPTABLE.
2. PROVIDE SHUT-OFF VALVES FOR ALL EQUIPMENT. COORDINATE VALVE LOCATIONS ONSITE WITH ARCHITECT AND THIB ENGINEER.
3. WATER CHILLER (PROVIDE BY THE GC, INSTALLED BY MECHANICAL CONTRACTOR): CRYSTAL MOUNTAIN ICEBERG POU WATER COOLER EVB318-30; 0.5 GPH; 12"H x 16.5"W x 12"D; 115/60/75W; 1.2A.
4. PROVIDE NEW WATER FILTER; FILTRINE, TASTE MASTER, 5.7 L (1.5 GPM). PROVIDE ALL REQUIRED PLUMBING, VALVES AND ACCESSORIES.
5. INSTALL PIPING IN DRYWALL PARTITION.
6. GENERAL CONTRACTOR TO PROVIDE PROPER OPENINGS IN WATER CHILLER CABINET FOR RELIEVING HEAT.

1 / M-501 KITCHEN SINK 'KS-1,2,3 'PIPING DIAGRAM
N.T.S.

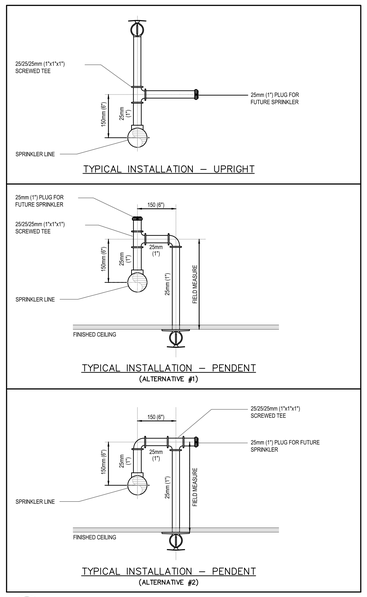


2 / M-501 NEW CONCEALED SPRINKLER HEAD DETAIL
N.T.S.

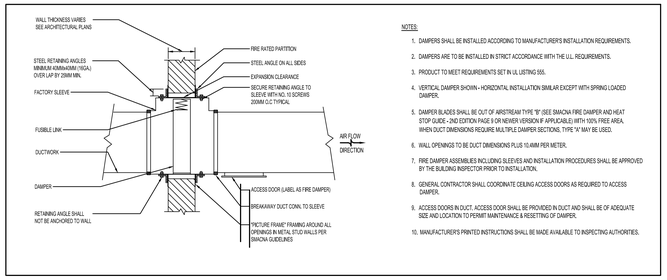


NOTES:
1. NO LINE OF SIGHT PENETRATION THROUGH WALL.
2. SEAL ANNULAR SPACE WITH MINERAL WOOL & FIRE RATED ACOUSTICAL SEALANT.

3 / M-501 TYPICAL DUCT PENETRATION THRU STC-RATED WALL
N.T.S.

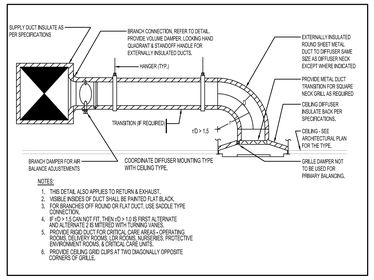


4 / M-501 TYPICAL SPRINKLER HEAD INSTALLATION
N.T.S.



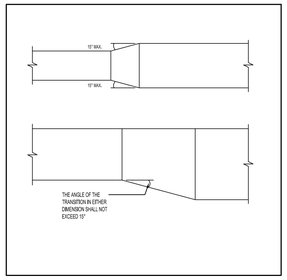
NOTES:
1. DAMPERS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. DAMPERS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE U.L. REQUIREMENTS.
3. PRODUCT TO MEET REQUIREMENTS SET IN UL LISTING 555.
4. VERTICAL DAMPER SHOWN - HORIZONTAL INSTALLATION SIMILAR EXCEPT WITH SPRING LOADED DAMPER.
5. DAMPER BLADES SHALL BE OUT OF AIRSTREAM TYPE "B" (SEE SMACNA FIRE DAMPER AND HEAT STOP GUIDE - 2ND EDITION PAGE 5 OR NEWER VERSION IF APPLICABLE) WITH 100% FREE AREA, WHEN DUCT DIMENSIONS REQUIRE MULTIPLE DAMPER SECTIONS, TYPE "A" MAY BE USED.
6. WALL OPENINGS TO BE DUCT DIMENSIONS PLUS 10.4MM PER METER.
7. FIRE DAMPER ASSEMBLIES INCLUDING SLEEVES AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.
8. GENERAL CONTRACTOR SHALL COORDINATE CEILING ACCESS DOORS AS REQUIRED TO ACCESS DAMPER.
9. ACCESS DOORS IN DUCT. ACCESS DOOR SHALL BE PROVIDED IN DUCT AND SHALL BE OF ADEQUATE SIZE AND LOCATION TO PERMIT MAINTENANCE & RESETTING OF DAMPER.
10. MANUFACTURER'S PRINTED INSTRUCTIONS SHALL BE MADE AVAILABLE TO INSPECTING AUTHORITIES.

5 / M-501 VERTICAL FIRE DAMPER
N.T.S.

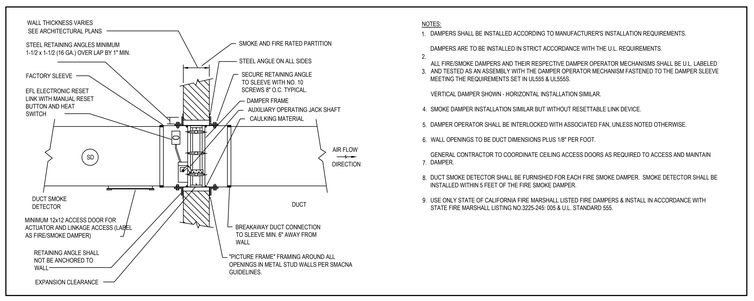


NOTES:
1. THIS DETAIL ALSO APPLIES TO RETURN & EXHAUST.
2. VISIBLE INSIDES OF DUCT SHALL BE PAINTED FLAT BLACK.
3. FOR BRANCHES OFF ROUND OR FLAT DUCT, USE SADDLE TYPE CONNECTION.
4. IF r/D > 1.5 CAN NOT FIT, THEN r/D > 1.0 IS FIRST ALTERNATE AND ALTERNATE 2 IS MITERED WITH TURNING VANES.
5. PROVIDE RIGID DUCT FOR CRITICAL CARE AREAS - OPERATING ROOMS, DELIVERY ROOMS, LDR ROOMS, NURSERIES, PROTECTIVE ENVIRONMENT ROOMS, & CRITICAL CARE UNITS.
6. PROVIDE CEILING GRID CLIPS AT TWO DIAGONALLY OPPOSITE CORNERS OF GRILLE.

6 / M-501 CEILING DIFFUSER-RIGID DUCT
N.T.S.



7 / M-501 DUCT TRANSITION
N.T.S.

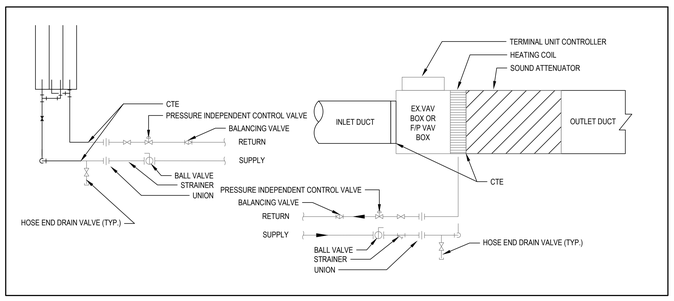


NOTES:
1. DAMPERS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. DAMPERS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE U.L. REQUIREMENTS.
3. ALL FIRE/SMOKE DAMPERS AND THEIR RESPECTIVE DAMPER OPERATOR MECHANISMS SHALL BE U.L. LABELED AND TESTED AS AN ASSEMBLY WITH THE DAMPER OPERATOR MECHANISM FASTENED TO THE DAMPER SLEEVE MEETING THE REQUIREMENTS SET IN UL555 & UL555S.

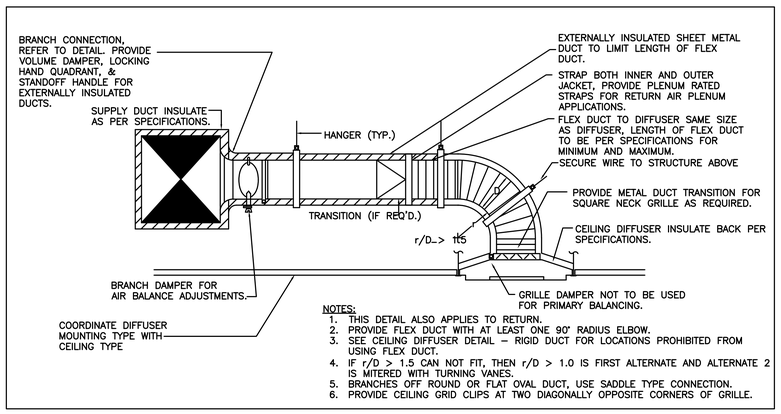
   VERTICAL DAMPER SHOWN - HORIZONTAL INSTALLATION SIMILAR.
4. SMOKE DAMPER INSTALLATION SIMILAR BUT WITHOUT RESETTABLE LINK DEVICE.
5. DAMPER OPERATOR SHALL BE INTERLOCKED WITH ASSOCIATED FAN, UNLESS NOTED OTHERWISE.
6. WALL OPENINGS TO BE DUCT DIMENSIONS PLUS 1/8" PER FOOT.

   GENERAL CONTRACTOR TO COORDINATE CEILING ACCESS DOORS AS REQUIRED TO ACCESS AND MAINTAIN
7. DAMPER.
8. DUCT SMOKE DETECTOR SHALL BE FURNISHED FOR EACH FIRE SMOKE DAMPER. SMOKE DETECTOR SHALL BE INSTALLED WITHIN 5 FEET OF THE FIRE SMOKE DAMPER.
9. USE ONLY STATE OF CALIFORNIA FIRE MARSHALL LISTED FIRE DAMPERS & INSTALL IN ACCORDANCE WITH STATE FIRE MARSHALL LISTING NO.3225-245: 005 & U.L. STANDARD 555.

8 / M-501 COMBINATION FIRE SMOKE DAMPER
N.T.S.



9 / M-501 VAV BOX COIL AND RADIANT PANEL PIPING DETAIL
N.T.S.



NOTES:
1. THIS DETAIL ALSO APPLIES TO RETURN.
2. PROVIDE FLEX DUCT WITH AT LEAST ONE 90° RADIUS ELBOW.
3. SEE CEILING DIFFUSER DETAIL – RIGID DUCT FOR LOCATIONS PROHIBITED FROM USING FLEX DUCT.
4. IF r/D > 1.5 CAN NOT FIT, THEN r/D > 1.0 IS FIRST ALTERNATE AND ALTERNATE 2 IS MITERED WITH TURNING VANES.
5. BRANCHES OFF ROUND OR FLAT OVAL DUCT, USE SADDLE TYPE CONNECTION.
6. PROVIDE CEILING GRID CLIPS AT TWO DIAGONALLY OPPOSITE CORNERS OF GRILLE.

10 / M-501 CEILING DIFFUSER-FLEXIBLE DUCT POLY. TYP LINING
N.T.S.

MISCELLANEOUS PLUMBING EQUIPMENT

WATER CHILLER:

SHALL BE OASIS MODEL R1P REMOTE DRINKING WATER CHILLER. POWER SUPPLY 115/1/60 FLA 1.3 135 WATTS, UNIT C/W GLASS FILLER MODEL 034913-001, 1.0GPH, POWDER COATED GALVANIZED STEEL CABINET WITH PLASTIC FRONT, UNDER COUNTER MOUNT, STAINLESS STEEL STORAGE TANK, ¼" STAINLESS STEEL WATER TUBE CONNECTIONS.

WATER FILTER PACKAGE:

SHALL BE 'EVERPURE' MODEL QL3 SINGLE HEAD COMMERCIAL GRADE FILTER HEAD EV9259-14 WITH BUILT IN SHUT OFF VALVE. FILTER CARTRIDGE SHALL BE 'EVERPURE' MODEL 4FC-S 0.5 MICRON FILTER CARTRIDGE EV9692-31. CAPABLE OF DELIVERING 2.5 GPM OF FLOW FOR 15,000 GALLONS OF SERVICE. 1/4" NOMINAL INLET AND OUTLET CONNECTIONS.

FOR QUARRY OR MOSAIC TILED AREAS PROVIDE 125MM X 125MM (5" X 5") SQUARE NICKEL BRONZE STRAINER. WATTS LS-1 5" X 5" (127 MM X 127 MM) NICKEL BRONZE, HEAVY DUTY, SQUARE STRAINER.

PIPE IDENTIFICATION

1. STENCILING:

1.1. STENCILING TO BE PERFORMED IN A NEAT, QUALITY MANNER.
1.2. USE CAPITAL LETTERS MINIMUM 51MM (2") HIGH FOR DN80 (3") DIAMETER PIPING OR LARGER, INCLUDING INSULATION, AND 19MM (3/4") SIZE CAPITAL LETTERS ON SMALLER DIAMETERS.
1.3. USE FLOW ARROWS TO INDICATE DIRECTION OF FLOW. USE DOUBLE ARROW WHERE FLOW IS REVERSIBLE. ARROW SHALL BE SOLID BLACK OR WHITE; MINIMUM 152MM (6") LONG BY 51MM (2") WIDE FOR DN80 (3") DIAMETER PIPING OR LARGER, INCLUDING INSULATION, AND 102MM (4") LONG BY 19MM (3/4") WIDE ON SMALLER DIAMETERS.
1.4. USE WORDING SHOWN ON THE LEGEND ON THE DRAWINGS OR AS INSTRUCTED BY THE CONSULTANT. SPECIAL SYSTEM DESIGNATIONS AND ABBREVIATIONS SHALL BE SUBMITTED TO CONSULTANT FOR APPROVAL PRIOR TO USE.
1.5. COLOUR CODING TO BE AS PER THE FOLLOWING SCHEDULE. FOR ALL OTHER SERVICES, PROVIDE COLOUR CODING IN CONFORMANCE WITH CAN/CGSB-24.3, ANSI AND MANUFACTURER'S RECOMMENDATIONS.

2. LOCATION:

2.1. LOCATE IDENTIFICATION AND FLOW ARROWS AS FOLLOWS:
- BEHIND EACH ACCESS DOOR.
- AT EACH CHANGE OF DIRECTION AND TAKE-OFF.
- NOT MORE THAN 12.2M (40 FT) APART ON ALL PIPES EXPOSED AND/OR LOCATED BEHIND ACCESSIBLE CEILING.
- ON BOTH SIDES OF SLEEVES.
- ADJACENT TO VALVES.
- ABOVE EACH FLOOR OR PLATFORM FOR VERTICAL EXPOSED PIPES APPROXIMATELY 1.52MM (5 FT.) ABOVE FLOOR.

3. MARKER LEGEND:

DESCRIPTION AND SERVICE	CLASSIFICATION COLOR
DOMESTIC COLD WATER	GREEN
DOMESTIC HOT WATER	GREEN
PLUMBING VENT	GREEN
FIRE LINE	RED

PIPE CONNECTION

SYMBOL	ITEM	DCW	DHW	DRAIN	VENT
WC	WATER CLOSET (FLUSH TANK)	15Ø	-	75Ø	40Ø
WC	WATER CLOSET (FLUSH VALVE)	25Ø	-	75Ø	40Ø
SH	SHOWER	15Ø	15Ø	40Ø	32Ø
LAV	LAVATORY	15Ø	15Ø	32Ø	32Ø
KS	KITCHEN SINK	15Ø	15Ø	40Ø	32Ø
DW	DISHWASHER (ROUGH-IN ONLY)	-	15Ø	40Ø	32Ø
FD	FLOOR DRAIN	PRIMED	-	50Ø/75Ø	40Ø

NOTES:
- ALL SANITARY VENTING TO BE INSTALLED IN ACCORDANCE WITH LATEST EDITION OF THE OBC.
- ALL FLOOR DRAINS & HUB DRAINS SHALL BE TRAPPED, VENTED AND PRIMED BELOW FLOOR.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
MECHANICAL DETAILS

SHEET NO.	DRAWN BY	CHECKED
M501	SS/LL	KE

PROJECT NO. MRK-25008951-A0
SCALE

PLUMBING FIXTURE SCHEDULE

SYSTEM REFERENCE TAG	TYPE	LOCATION	MANUFACTURER	MODEL	TRIM AND ACCESSORIES						REMARKS
					FAUCET/VALVE	FIXTURE DRAIN AND P-TRAP	VALVES AND SUPPLIES	CARRIER	SEAT	MISC	
WC-1	FLUSH VALVE, FLOOR MOUNTED	WASHROOM	AMERICAN STANDARD	RIGHT WIDTH FLOWISE ELONGATED RIGHT HEIGHT FLUSHOMETER TOILET	AMERICAN STANDARD SELECTRONIC #3641.001(TOP SPUD) 1.28GPF.	3" DRAIN	SLOAN ROYAL AUTPMATIC NO-TOUCH EXPOSED WATER CLOSET FLUSHOMETER MODEL SL-ROYAL 111-ESS-1.28-YG-OR-HW	-	CENTOCO 500STSCCFE-001,WITHOUT COVER	FRANKE COMMERCIAL BACKREST CM-16104-WM, TRANSFORMER 0345154, 24VAC INPUT, SLOAN FLUSH VALVE POWER KIT SL-EL-154	
WC-2	FLUSH VALVE, FLOOR MOUNTED	WASHROOM	AMERICAN STANDARD	RIGHT WIDTH FLOWISE ELONGATED RIGHT HEIGHT FLUSHOMETER TOILET	AMERICAN STANDARD SELECTRONIC #3641.001(TOP SPUD) 1.28GPF.	3" DRAIN	SLOAN ROYAL AUTPMATIC NO-TOUCH EXPOSED WATER CLOSET FLUSHOMETER MODEL SL-ROYAL 111-ESS-1.28-YG-OR-HW	-	CENTOCO 820STSS-001, WITH COVER	FRANKE COMMERCIAL BACKREST CM-16104-WM, TRANSFORMER 0345154, 24VAC INPUT, SLOAN FLUSH VALVE POWER KIT SL-EL-154	BARRIER FREE
UR-1	FLUSH VALVE, WALL HUNG	WASHROOM	AMERICAN STANDARD	PINTBROOK-T0P SPUD 6002001.020		2" DRAIN	SLOAN FAUCET #SL-ECOS-8186-0.13	WATTS-CA-321		BATTERIES FOUR AA-SIZE	BARRIER FREE
L-1	UNDERMOUNT LAVATORY	WASHROOM	AMERICAN STANDARD	OVALYN 0496221.020	SLOAN FAUCET#EAF-200-HLT-0.5-CP-MLM-IR--FCT	McGuire# FIXTURE DRAIN#155WC; LFCK170 AND 8872C P-TRAP	SL-EAF-70-A FLUSH VALVE POWER KIT EL-154 (BOX MOUNTED) 120 V AC IINOUT 24 V AC OUTPUT, 50/60 Hz, 50VA (0345154PK); LAWLER -MIXING VALVE#577-86820	WATTS-WCA-410	-	LAWLER -MIXING VALVE#570-86820, TRANSFORMER, 24 VAC INPUT,SLOAN FLUSH VALVE POWER KIT SL-EAF-70-A	
L-2	UNDERMOUNT LAVATORY	WASHROOM	AMERICAN STANDARD	OVALYN UNIVERSAL ACCESS 9482000.020	SLOAN FAUCET#EAF-200-HLT-ISM-0.5-CP-AMLM-IR-FCT	McGuire# FIXTURE DRAIN#155WC; LFCK170 ANDPW2125WC TRAP	SL-EAF-70-A FLUSH VALVE POWER KIT EL-154 (BOX MOUNTED) 120 V AC IINOUT 24 V AC OUTPUT, 50/60 Hz, 50VA (0345154PK); LAWLER -MIXING VALVE#577-86820	WATTS-WCA-410	-	LAWLER -MIXING VALVE#570-86820, TRANSFORMER, 24 VAC INPUT,SLOAN FLUSH VALVE POWER KIT SL-EAF-70-A	BARRIER FREE
SH-1	COMMERCIAL SHOWER SYSTEM TRIM KIT	SHOWER ROOM	AMERICAN STANDARD	TU105507.002	VALVE TRIM RU 101SS	3" DRAIN	SHOWER PACKAGE	-	-	SLIDE-GRAB BAR LAWLER -MIXING VALVE#570-86820,	SHOWER BOOTH BY ARCHITECTURAL
EW-1	WALL MOUNTD	JANITOR ROOM	GUARDIAN	G1814		1-1'4" DRAIN				LAWLER -MIXING VALVE#911E/F0UNIT	
KS-1	COUNTER MOUNTED SINK	KITCHEN	KINDRED	SINGLE COMPARTMENT UNDERCOUNTER NS1930U-9N	GROHE 3134910E	McGuire1207C P-TRAP	MCGUIR LF170ECO	-	-	LAWLER -MIXING VALVE#570-86820	BARRIER FREE
KS-2	COUNTER MOUNTED SINK	KITCHEN	KINDRED	SINGLE COMPARTMENT UNDERCOUNTER BSU1825-9	GROHE 3134910E	McGuire1207C P-TRAP	MCGUIR LF170ECO			LAWLER -MIXING VALVE#570-86822	
MS-1	FLOOR MOUNTED	JANITOR ROOM	STERN-WILLIAMS	SB-800	AMERICAN STANDARD 8344212.044	3" DRAIN & TRAP	-		-		
FD-1	FLOOR DRAIN	AS INDICATED	ZURN	ZURN-ZN211-R6	-	3" OR 4" DRAIN & TRAP	-	-	-	NICKEL BRONZE WITH CLAMP COLLAR TO RECEIVE SURFACE FLOOR MEMBRANE	FOR VINYL AND TILE FLOORING
FD-2	FLOOR DRAIN	AS INDICATED	WATTS	WATTS FD-100-C-A5	FLOOR DRAIN WITH SQUARE HEAVY DUTY STRAINER	3" DRAIN	-	-	-	-	FOR EPOXY RESIN COATING FLOORING
HB	HOSE BIB	AS INDICATED	CHICAGO FAUCETS	293-E27CP	1/2" NPT FEMALE THREAD INLET	3/4" A.N. HOSE THREAD OUTLET	-	-	-	-	-
SD	SHOWER DRAIN	AS INDICATED	WATTS	ES-WDLC-SDCP/SDNB 2224	FLOOR DRAIN WITH ROUND CHROME PLATE , HEAVY DUTY STRAINER	3" DRAIN & TRAP	-	-	-	-	GENERAL SHOWER DRAIN
TRSP	ELECTRIC TRAP SEAL PRIMER	PIPE CHASE OR CEILING	PPP	PT-2130		-	-		-	120WATT 60 HZ/110VOLT 50HZ. 6W	TRSP SERVICES FROM 4 TRAPS UP TO 30 TRAPS, FINAL MODEL SHOULD BASED ON SERVICES TRAP NUMBER

NOTES:
1. COLOUR OF ALL FIXTURES (EXCEPT STAINLESS STEEL) & WATER CLOSET SEATS SHOULD BE WHITE OR PER ARCHITECT REQUIREMENT.
2. QUANTITY OF FIXTURES AS INDICATED IN THE DRAWINGS.
3. FIXTURES IN KITCHEN & SERVERY AREAS ARE SUPPLIED BY OTHERS. REFER TO KITCHEN SCHEDULES ON DRAWINGS.

RADIANT PANEL SCHEDULE

SYSTEM REFERANCE TAG	MANUFACTURER	MODEL	WIDTH (MM)	TUBE PASSES (QTY)	HEATING CAPACITY (W/M)	MEAN TEMPERATURE (°C)	FLOW (LPS/M)	REMARKS
RP-1	SIGMA	SLC	610	4	349	71.1	0.0038	
RP-2	SIGMA	SLC	610	4	349	71.1	0.0038	

NOTES:
1. REFER TO FLOOR PLANS FOR EXACT QUANTITY.
2. BASED ON 82C EWT AND 60C LWT, 71C MWT.
3. CONTRACTOR TO PROVIDE FILLER SECTIONS AS REQUIRED FOR CONTINUOUS FINISH. COORDINATE INSTALLATION WITH ARCHITECTURAL REFLECTED CEILING PLANS. ALL RADIANT PANEL CONSTRUCTION TO BE COORDINATED WITH ANY COLUMNS, PLUMBING CHASE FURR OUTS OR OTHER OBSTRUCTIONS ON SITE. PROVIDE CONNECTING RADIANT PANEL SECTIONS FOR CONTINUOUS FINISH C/W SERPENTINE CIRCUITING OR SOFT COPPER TUBING TO CONNECT PIPES BETWEEN RADIANT PANELS. INSTALL AS PER MANUFACTURER RECOMMENDATIONS.
4. COORDINATE WITH GENERAL CONTRACTOR AND PROVIDE ALL ACCESSORIES AND SUPPORTS AS REQUIRED TO INSTALL AS PER MANUFACTURER RECOMMENDATIONS.

DIFFUSERS & GRILLES SCHEDULE

SYSTEM REFERENCE TAG	MANUFACTURER & MODEL NO.	TYPE	FACE SIZE	DAMPER	REMARKS
A	EH PRICE/ SPD	SQUARE PLAQUE DIFFUSER	600 X 600	Y	REFER TO PLANS FOR DIFFUSER NECK SIZE.
B	EH PRICE/ 80	RETURN AIR GRILLE	AS PER DRAWING	N	
C	EH PRICE/ SDS 100	LINEAR SLOT DIFFUSER	AS PER DRAWING	Y	2 SLOT - 1" WIDE LINEAR C/W INSULATED SDA PLENUM SET TO 45 DEG. DOWNWARD DEFLECTION.
D	EH PRICE/ 530	EXHAUST AIR GRILLE	AS PER DRAWING	Y	
E	EH PRICE/ 530	RETURN AIR GRILLE	AS PER DRAWING	N	
F	EH PRICE/ 620D	DOUBLE DEFLECTION	AS PER DRAWING	Y	

NOTES:
1. GRILLES/ DIFFUSERS AND LOUVERS TO BE PAINTED AS PER ARCHITECTURAL REQUIREMENT. FINISH TO BE COORDINATED PRIOR TO ORDERING.
2. PROVIDE AIR FLOW DAMPERS FOR EXHAUST GRILLES DUCTED BACK TO THE UNIT.
3. MOUNTING TYPE TO BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLAN.
4. ALL DIFFUSERS SELECTED SHALL BE NC 22 AND BELOW

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STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE:
MECHANICAL SCHEDULES

SHEET NO. M601

DRAWN BY SS/LL

CHECKED KE

PROJECT NO. MRK-25008951-A0

SCALE

EXISTING FAN POWERED BOXES SCHEDULE (FOR REFERENCE)

SYSTEM REFERENCE TAG	MANUFACTURER	MODEL	SIZE	MAX. AIR FLOW (L/S)	OUTDOOR AIR (%)	INLET SIZE (MM)	OUTLET WIDTH (MM)	OUTLET HEIGHT (MM)	REHEAT COIL EAT (°C)	LAT (°C)	NO OF ROWS	FLOW (L/S)	EWT (°C)	LWT (°C)	WPD (KPA)	CAPACITY (kW)	ELECTRICAL FLA (A)	V/PH/HZ	MOTOR (HP)	REMARKS
FPB-A	TITUS	DTQS	8	282	40	200	-	-	-	-	-	-	-	-	-	-	-	115/1/60	-	1,2,3,4
FPB-B	TITUS	DTQS	8	282	40	200	-	-	-	-	-	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-C	TITUS	DTQS	10	564	40	250	-	-	-	-	-	-	-	-	-	-	-	115/1/60	-	1,2,3,4
FPB-D	TITUS	DTQS	10	564	40	250	-	-	-	-	-	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-E	TITUS	DTQS	12	660	40	300	-	-	-	-	-	-	-	-	-	-	-	208/3/60	-	1,2,3,4
FPB-F	TITUS	DTQS	12	660	40	300	-	-	-	-	-	-	87.7	-	-	-	-	208/3/60	-	1,2,3,4
FPB-7	TITUS	DTFS	-	505	40	-	-	-	21.2	24.6	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-8	TITUS	DTFS	-	414	40	-	-	-	17.5	27.8	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-9	TITUS	DTFS	-	200	40	-	-	-	17.5	24.4	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-10	TITUS	DTFS	-	830	40	-	-	-	17.5	28.4	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-11	TITUS	DTFS	-	277	40	-	-	-	17.5	24.2	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-14	TITUS	DTFS	-	516	40	-	-	-	18.5	24.6	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-18	TITUS	DTFS	-	284	40	-	-	-	18.6	28.2	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-19	TITUS	DTFS	-	299	40	-	-	-	17.5	24	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-20	TITUS	DTFS	-	153	40	-	-	-	18.1	24	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-21	TITUS	DTFS	-	648	40	-	-	-	18.4	24.6	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-22	TITUS	DTFS	-	493	40	-	-	-	18.1	27.7	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-22A	TITUS	DTFS	-	233	40	-	-	-	17.5	28.6	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-23	TITUS	DTFS	-	165	40	-	-	-	17.5	25.6	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-24	TITUS	DTFS	-	770	40	-	-	-	17.3	26	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-25	TITUS	DTFS	-	487	40	-	-	-	17.7	25.9	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-26	TITUS	DTFS	-	503	40	-	-	-	18.2	29.4	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-26B	TITUS	DTFS	-	243	40	-	-	-	17.5	23.9	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-27	TITUS	DTFS	-	503	40	-	-	-	17.3	28.4	1	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-27A	TITUS	DTFS	-	224	40	-	-	-	17.7	29	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-28	TITUS	DTFS	-	166	40	-	-	-	18.2	24.4	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-30	TITUS	DTFS	-	470	40	-	-	-	17.9	31.8	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-31	TITUS	DTFS	-	356	40	-	-	-	17.5	25.9	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-56	TITUS	DTFS	-	275	40	-	-	-	17.5	32.9	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-57	TITUS	DTFS	-	127	40	-	-	-	20.5	23.6	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4
FPB-59	TITUS	DTFS	-	71	40	-	-	-	19.6	27.4	2	-	87.7	-	-	-	-	115/1/60	-	1,2,3,4

NOTES:
1. REFER TO FLOOR PLANS FOR EXACT QUANTITY OF FAN POWERED BOXES.
2. MINIMUM AIR QUANTITY IS 50% OF MAX. QUANTITY SHOWN FOR ALL BOXES
3. MAXIMUM RADIATED NC LEVEL SHALL BE LESS THAN 35.
4. REFER TO PLANS FOR BOXES WITH REHEAT COIL.
5. ALL EXISTING BOXES SHALL BE PROVIDED WITH NEW SOUND ATTENUATORS.

EXISTING EXHAUST FAN SCHEDULE (FOR REFERENCE)

SYSTEM REFERENCE TAG	DESCRIPTION	LOCATION	AIR FLOW (L/S)	FAN E.S.P. (Pa)	REMARKS
EF-1	MAIN WASH ROOM	ROOF	3,230	250	
EF-7	WASH ROOMS	ROOF	1,350	175	

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EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
MECHANICAL SCHEDULES

SHEET NO. M602

DRAWN BY SS/LL

CHECKED KE

PROJECT NO. MRK-25008951-A0

SCALE

POWER SINGLE LINE DIAGRAM SYMBOLS

###/#	CKT BREAKER, '###' INDICATES TRIP SETTING, '#' INDICATES NUMBER OF POLES
###/#	DRAW-OUT CKT BREAKER, '###' INDICATES TRIP SETTING, '#' INDICATES NUMBER OF POLES
###/#	FUSED SWITCH, '###' INDICATES TRIP SETTING, '#' INDICATES NUMBER OF POLES
	ENCLOSED CIRCUIT BREAKER
	ENCLOSED NON-FUSED SWITCH
	ENCLOSED FUSED SWITCH
K	KIRK KEY INTERLOCK
A	AUTOMATIC TRANSFER
SS	SOLID STATE, ELECTRONIC ADJUSTABLE TRIP
GFP	GROUND FAULT PROTECTION
SPD	SURGE PROTECTIVE DEVICE
DMM	DIGITAL MULTIMETER
M	UTILITY METER
N E L	AUTOMATIC/MANUAL TRANSFER SWITCH
N E ATS IS BP L	AUTOMATIC TRANSFER SWITCH, WITH BYPASS ISOLATION
	TRANSFORMER
	GENERATOR
PANEL NAME	PANELBOARD
	PAD MOUNTED TRANSFORMER
	GROUND
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER

POWER DISTRIBUTION AND SMALL POWER

	DUPLEX RECEPTACLE, WALL MOUNTED		DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED
	DUPLEX RECEPTACLE, ABOVE BACKSPLASH OF CABINET, COUNTERTOP OR SINK		DOUBLE DUPLEX RECEPTACLE, ABOVE BACKSPLASH OF CABINET, COUNTERTOP OR SINK
	DUPLEX RECEPTACLE, FLUSH MTD IN CEILING		DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
	HALF SWITCHED DUPLEX RECEPTACLE, WALL MOUNTED		SIMPLEX RECEPTACLE, WALL MOUNTED
TYPE	SPECIAL PURPOSE RECEPTACLE, WALL MOUNTED. NEMA CONFIGURATION AS NOTED ON PLANS	TYPE	SPECIAL PURPOSE RECEPTACLE, CEILING MOUNTED NEMA CONFIGURATION AS NOTED ON PLANS
	SHADING REPRESENTS RECEPTACLE ON LIFE SAFETY BRANCH		SHADING REPRESENTS RECEPTACLE ON UPS BRANCH
	SHADING REPRESENTS RECEPTACLE ON NON-LIFE SAFETY BRANCH		SHADING REPRESENTS RECEPTACLE WITH ISOLATED GROUND

	DISCONNECT SWITCH, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT TYPE, UON
	COMBINATION MOTOR STARTER DISCONNECT
	MOTOR STARTER
	VARIABLE FREQUENCY DRIVE
X	DIRECT CONNECTION, WALL MOUNTED. SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.
X	DIRECT CONNECTION, CEILING MOUNTED. SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.
X	MOTOR, SUBSCRIPT 'X' DENOTES MOTOR DESIGNATION, REFER TO EQUIPMENT CONNECTION SCHEDULE
	GROUND BUS BAR
F	FURNITURE FEED - POWER AND DATA (F - FLOOR, P - PAC POLE, W - WALL, WM - WIREMOLD, CL-CEILING)
	PANELBOARD
	TRANSFORMER

X	FLOOR BOX, DUPLEX RECEPTACLE	FB#	SPECIAL FLOORBOX, "#" INDICATES UNIQUE FLOOR BOX TYPE
X	FLOOR BOX, DOUBLE DUPLEX RECPT		

X — RECEPTACLE TYPE
12 — NUMBER INDICATES BRANCH CIRCUIT NUMBER

FLOOR BOX SCHEDULE

SYMBOL ON PLAN	FLOOR BOX TYPE AND SIZE	ELECTRICAL	DATA
FB1	8" POKE THRU	THREE (3) DUPLEX	TWO (2) DROPS
FB2	6" POKE THRU	TWO (2) DUPLEX	TWO (2) DROPS
FB3	6" POKE THRU	TWO (2) DUPLEX	FOUR (4) DROPS
FB4	6" POKE THRU	ONE (1) DUPLEX	FIVE (5) DROPS

CIRCUITING

BLDG-E1MDPHA.10
- CIRCUIT NUMBER
- PANEL DESIGNATION

3#12,#12G,21mmC
- CONDUIT SIZE
- GROUND CONDUCTOR QUANTITY AND SIZE
- CIRCUIT CONDUCTOR QUANTITY AND SIZE

LIGHTING, LIGHITNG SWITCHING & CONTROLS

AF10 — UPPER CASE LETTERS INDICATE LIGHTING FIXTURE TYPE
7ab — NUMBER INDICATES CIRCUIT NUMBER, LOWER CASE LETTER INDICATES SWITCHLEG

	LIGHTING FIXTURE ON NORMAL BRANCH POWER - CEILING MOUNTED		LIGHTING FIXTURE ON NIGHT LIGHT CIRCUIT - CEILING MOUNTED
	LIGHTING FIXTURE ON NORMAL BRANCH POWER - WALL MOUNTED		LIGHTING FIXTURE ON NIGHT LIGHT CIRCUIT- WALL MOUNTED
	STRIP LIGHTING FIXTURE ON NORMAL BRANCH POWER		STRIP LIGHTING FIXTURE ON NIGHT LIGHT CIRCUIT
	PENDANT LINEAR FIXTURE ON NORMAL BRANCH POWER		PENDANT LINEAR FIXTURE ON NIGHT LIGHT CIRCUIT
	DOWNLIGHT LIGHTING FIXTURE ON NORMAL BRANCH POWER - RECESSED MOUNTED		DOWNLIGHT LIGHTING FIXTURE ON ENIGHT LIGHT CIRCUIT - RECESSED MOUNTED
	PENDANT LIGHTING FIXTURE ON NORMAL BRANCH POWER		PENDANT LIGHTING FIXTURE ON NIGHT LIGHT CIRCUIT
	WALL WASH LIGHTING FIXTURE ON NORMAL BRANCH POWER - ARROW INDICATES DIRECTION OF BEAM		WALL WASH LIGHTING FIXTURE ON ENIGHT LIGHT CIRCUIT - ARROW INDICATES DIRECTION OF BEAM
	WALL SCONCE LIGHTING FIXTURE ON NORMAL BRANCH POWER - WALL MOUNTED		WALL SCONCE LIGHTING FIXTURE ON NIGHT LIGHT CIRCUIT - WALL MOUNTED
	TRACK LIGHT HEAD ON NORMAL BRANCH POWER		TRACK LIGHT HEAD ON ENIGHT LIGHT CIRCUIT
	BOLLARD LIGHT FIXTURE ON NORMAL BRANCH POWER		BOLLARD ON NIGHT LIGHT CIRCUIT
	SITE LIGHTING SINGLE HEAD ON NORMAL BRANCH POWER - POLE MOUNTED		SITE LIGHTING SINGLE HEAD ON NIGHT LIGHT CIRCUIT - POLE MOUNTED
	SITE LIGHTING DUAL HEAD ON NORMAL BRANCH POWER - POLE MOUNTED		SITE LIGHTING DUAL HEAD ON NIGHT LIGHT CIRCUIT - POLE MOUNTED
	EXIT SIGN - SINGLE FACE - CEILING MOUNTED		EXIT SIGN - DUAL FACE - CEILING MOUNTED
	EXIT SIGN - SINGLE FACE - WALL MOUNTED		EXIT SIGN - DUAL FACE - WALL MOUNTED
LL	LOW LEVEL EXIT SIGN - SINGLE FACE - WALL OR DOOR MOUNTED		SINGLE REMOTE EMERGENCY LIGHT - WALL MOUNTED
	DUAL HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK - WALL MOUNTED		DUAL REMOTE EMERGENCY LIGHT - WALL MOUNTED

$ X ab — SPST SWITCH, WALL MOUNTED. 'ab' INDICATES INDIVIDUAL GANGED SWITCHES AND ASSOCIATED SWITCH LEGS CONTROLLED, SUBSCRIPT 'X' INDICATES:

2 - DOUBLE POLE	K - KEY OPERATED
3 - THREE WAY	LV - LOW VOLTAGE
4 - FOUR WAY	P - PILOT LIGHT
D - WALL BOX DIMMER	T - WALL BOX TIMER
	WP - WEATHER PROOF

OS	OCCUPANCY SENSOR, CEILING MOUNTED
OS	OCCUPANCY SENSOR, WALL MOUNTED
VS	VACANCY SENSOR, CEILING MOUNTED
VS	VACANCY SENSOR, WALL MOUNTED
DCP X	DIMMING CONTROL PANEL, SUBSCRIPT 'X' INDICATES TYPE
DIM X	DIMMING CONTROL STATION, SUBSCRIPT 'X' INDICATES TYPE OR UNIQUE IDENTIFIER
LCP	LIGHTING CONTROL PANEL
	SHUNT TRIP PUSH BUTTON
TC X	TIME CLOCK, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER
DS X	DAYLIGHT SENSOR, CEILING MOUNTED
PC X	PHOTOCELL

FIRE ALARM SYSTEM

	FIRE ALARM STROBE, WALL MOUNTED		FIRE ALARM STROBE, CEILING MOUNTED.
	FIRE ALARM HORN, WALL MOUNTED		FIRE ALARM HORN, CEILING MOUNTED
	FIRE ALARM HORN/STROBE, WALL MOUNTED		FIRE ALARM HORN/STROBE, CEILING MOUNTED
SP	FIRE ALARM SPEAKER, WALL MOUNTED	SP	FIRE ALARM SPEAKER, CEILING MOUNTED
SP	FIRE ALARM SPEAKER/STROBE, WALL MOUNTED	SP	FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED
	FIRE ALARM BELL, WALL MOUNTED		FIRE ALARM PULL STATION
	HEAT DETECTOR, WALL MOUNTED		HEAT DETECTOR, CEILING MOUNTED
	SMOKE DETECTOR, WALL MOUNTED		SMOKE DETECTOR, CEILING MOUNTED
	SMOKE DETECTOR, DUCT MOUNTED		FIRE/SMOKE DAMPER
	CARBON MONOXIDE DETECTOR		SMOKE DAMPER
FF	FIREFIGHTERS TELEPHONE OUTLET	SA	SMOKE ALARM
	REMOTE INIDICATOR LIGHT	SA CO	COMBINATION SMOKE ALARM AND CARBON MONOXIDE DETECTOR
FACP	FIRE ALARM CONTROL PANEL	TPS	TAMPER SWITCH
FAA	FIRE ALARM REMOTE ANNUNCIATOR PANEL	RT	REMOTE TEST STATION
DGP	DATA GATHERING PANEL	FS	FLOW SWITCH
FATC	FIRE ALARM TERMINAL CABINET	SV	SUPERVISORY VALVE
FATP	FIRE ALARM TRANSPONDER PANEL		ELECTRO-MAGNETIC DOOR HOLDER

MASTER CLOCK SYSTEM

	ANALOG MASTER CLOCK
	DIGITAL MASTER CLOCK
	ELAPSED DIGITAL TIMER CLOCK

TELECOMMUNICATIONS SYSTEM

	WALL MOUNT DATA OUTLET		WALL MOUNT DATA OUTLET ABOVE COUNTER
	WALL MOUNT VOICE OUTLET		WALL MOUNT VOICE OUTLET ABOVE COUNTER
	WALL MOUNT DATA/VOICE OUTLET		WALL MOUNT DATA/VOICE OUTLET ABOVE COUNTER
	CEILING MOUNT VOICE OUTLET		FLOOR MOUNT DATA OUTLET
	CEILING MOUNT DATA OUTLET		FLOOR MOUNT VOICE OUTLET
	CEILING MOUNT DATA/VOICE OUTLET		FLOOR MOUNT DATA/VOICE OUTLET
WAP	CEILING MOUNT DATA FOR WIRELESS ACCESS POINT	CP	CONSOLIDATION POINT

DEVICE LEGEND

X — NUMBER OF DATA JACKS
Y — NUMBER OF VOICE JACKS
X/Y — NUMBER OF DATA/VOICE JACKS

NO SUBSCRIPT = (1) DATA/VOICE
WIRELESS ACCESS POINT = (2) DATA

MOUNTING:
OUTLET MOUNTING HEIGHTS TO BE COORDINATED WITH INTERIOR DESIGNER DURING DD PHASE

SECURITY SYSTEM

DEVICE LEGEND

DEVICE TAG — AAA M — MOUNTING TAG; Y — SECONDARY ATTRIBUTE

ALL SECURITY SYSTEM DEVICES ARE WALL MOUNTED UNLESS OTHERWISE INDICATED BY MOUNTING TAG

ACP	ACCESS CONTROL PANEL	ADO	AUTO DOOR OPERATOR
ALM	ALARM DEVICE	CR	CARD READER
DC	DOOR CONTACT	DCR	DOOR CONTROLLER
DU	DURESS BUTTON	EL	ELECTRIFIED LOCKSET
EP	ELECTRIFIED PANIC HARDWARE	ES	ELECTRIC STRIKE
GB	GLASS BREAK DETECTOR	IC	INTERCOM
ID	INTRUSION DETECTION DEVICE	KP	KEYPAD
KEY	KEY SWITCH	ML	MAGNETIC LOCK
MS	MOTION SENSOR	PB	PUSH BUTTON
PNL	PANEL / CONTROLLER	PP	PUSH PLATE
LFE	LOW FREQUENCY EXCITER	PX	POWER TRANSFER
	INFRARED READER	REX	REQUEST TO EXIT DEVICE
RDU	REMOTE DISPLAY UNIT	SEN	ALARM SENSOR
LAR	LOCAL AREA RECEIVER	SPS	SECURITY SYSTEM POWER SUPPLY
	DIRECTIONAL PASSIVE TAG DETECTOR	SVR	SERVER
IRC	INFRARED CURTAIN	WKS	SECURITY WORKSTATION
RFR	RF READER		CCTV CAMERA, WALL-MOUNTED
RFM	RF READER MASTER		CCTV CAMERA, CEILING-MOUNTED
RFLR	RF LONG RANGE READER		
RFER	RF ETHERNET READER		

AUDIOVISUAL SYSTEM DEVICES

DEVICE LEGEND

DEVICE TAG — AAA M — MOUNTING TAG; Y — SECONDARY ATTRIBUTE

ALL AV SYSTEM DEVICES ARE WALL MOUNTED UNLESS OTHERWISE INDICATED BY MOUNTING TAG

AV1	AV CONNECTIVITY C/W 1-GANG MUD RING C/W 27 MMC STUB UP TO CEILING SPACE	
D	DISPLAY	
TV	DISPLAY INFRASTRUCTURE C/W 1-GANG MUD RING BEHIND DISPLAY	
PRS	PROJECTOR SCREEN	
PRJ	PROJECTOR	
CAM	AV SYSTEM CAMERA	
IRR	INFRARED RADIATOR	
ANT	ANTENNA	
ROS	AV SYSTEM ROOM OCCUPANCY SENSOR	
PS	AV SYSTEM PARTITION SENSOR	
LS	PHOTOMETRIC SENSOR	
BN	BACnet INTERFACE TO AV SYSTEM	
LI	LIGHTING INTERFACE TO AV SYSTEM	
SI	SHADE/DRAPE INTERFACE TO AV SYSTEM	
MIC	MICROPHONE	
TS	TOUCH SCREEN	
RSP	ROOM SCHEDULING PANEL	
RSS	ROOM SCHEDULING SIGN	
BP	BUTTON PANEL	
S	AV SYSTEM SPEAKER	
SUB	SUBWOOFER SPEAKER	
LCR	LOCAL CREDENZA RACK	
AVR	AV RACK	
FBx	FLOOR BOX	"x" DENOTES TYPE. REFER TO AV SYSTEMS DETAILS
PTx	POKE THROUGH	"x" DENOTES TYPE. REFER TO AV SYSTEMS DETAILS
TBx	TABLE BOX	"x" DENOTES TYPE. REFER TO AV SYSTEMS DETAILS

MISCELLANEOUS DEVICES

JB	JUNCTION BOX, WALL MOUNTED
JB	JUNCTION BOX, CEILING MOUNTED
C X	CONTACTOR, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER
R	CONTROL RELAY & REQUIRED INPUT/OUTPUT MODULE

DEMOLITION

< R >	EXISTING TO BE REMOVED
< RL >	EXISTING TO BE RELOCATED
< EX >	EXISTING TO REMAIN
< NL >	EXISTING - NEW LOCATION
	DEMOLITION CONDUIT
	DEMOLITION EQUIPMENT
	EXISTING TO REMAIN CONDUIT
	EXISTING TO REMAIN EQUIPMENT
	RELOCATED / NEW CONDUIT
	RELOCATED / NEW EQUIPMENT

TAGS AND CALL OUT SYMBOLS

1 / E3.1	SECTION CALLOUT SECTION DESIGNATION SHEET NUMBER
A / E3.1	DETAIL CALLOUT DETAIL DESIGNATION SHEET NUMBER
#	REVISION CALLOUT
1	KEYNOTE CALLOUT

ABBREVIATIONS

A	ANALOG	MD	MOTORIZED DAMPER
AFCI	ARC FAULT CIRCUIT INTERRUPTOR	MH	MOUNTING HEIGHT
AFF	ABOVE FINISHED FLOOR	MS	MASTER STATION
ATS	AUTOMATIC TRANSFER SWITCH	MU	MULLION MOUNTED
BM	BEAM MOUNTED	NC	NORMALLY CLOSED
CK	CLOCK HANGER	NO	NORMALLY OPEN
CL	CEILING MOUNTED	OC	OVER THE COUNTER
EMT	ELECTRICAL METALLIC TUBING	PL	POLE MOUNTED
EP	EXPLOSION PROOF	PTZ	PAN, TILT, ZOOM
F	FURNITURE OR MILLWORK MOUNTED	RIO	ROUGH-IN ONLY
FL	FLOOR MOUNTED	ST	SHUNT TRIP
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TP	TAMPER PROOF
GFI	GROUND FAULT INTERRUPTER	VS	VIDEO STATION
MCB	MAIN CIRCUIT BREAKER	WP	WEATHER PROOF
MCC	MOTOR CONTROL CENTER		

DRAWING LIST

E001	GENERAL SYMBOLS, LEGENDS AND DRAWING LIST
E101	PARTIAL BASEMENT FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E102	PARTIAL GROUND FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E103	PARTIAL SECOND FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E104	PARTIAL THIRD FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E201	PARTIAL BASEMENT FLOOR - LIGHTING - DEMO AND NEW
E202	PARTIAL FIRST FLOOR - LIGHTING - DEMO AND NEW
E203	PARTIAL SECOND FLOOR - LIGHTING - DEMO AND NEW
E204	PARTIAL THIRD FLOOR - LIGHTING - DEMO AND NEW
E301	ELECTRICAL DETAILS
E311	TECHNOLOGY DETAILS
E312	TECHNOLOGY DETAILS
E401	PANEL SCHEDULES
E402	PANEL SCHEDULES

GENERAL NOTES

1. ELECTRICAL DOCUMENTS ARE BASED ON AVAILABLE INFORMATION AND, SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, DOOR HARDWARE CONSULTANT DOCUMENTS.
2. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL ARRANGEMENTS OF ELECTRICAL AND SYSTEMS DEVICES. THE FINAL LOCATION AND ELEVATION OF ALL ELECTRICAL AND SYSTEMS DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL/INTERIOR DESIGNER'S PACKAGES. REPORT ANY DISCREPANCIES TO CONSULTANT PRIOR TO ROUGH-IN. FOR DIMENSIONS, REFER TO ARCHITECTURAL/INTERIOR DESIGN PACKAGES.
3. ALL EQUIPMENT LAYOUTS SHOWN ARE FOR REFERENCE ONLY BASED ON INTENDED EQUIPMENT AT TIME OF DESIGN. THE CONTRACTOR MUST PREPARE THE WORKING DRAWINGS BASED ON ACTUAL EQUIPMENT SELECTION (SHOP DRAWINGS) FOR THE EQUIPMENT ROOM LAYOUT PRIOR TO ROUGH-IN AND CONSTRUCTION.
4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL TEMPORARY POWER FOR PROJECT CONSTRUCTION AS REQUIRED.
5. PROVIDE ELECTRICAL COORDINATION WITH SHOP DRAWING SELECTION AND LOCATION. REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR DETAILS. VERIFY THE FINAL LOCATION OF MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
6. CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULL BOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER THE SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER SPECIFICATION AND ALL APPLICABLE INDUSTRY STANDARDS UNLESS SPECIAL OWNER'S REQUIREMENTS. ALL MARKINGS SHALL BE OF NON-ERASABLE LAMACOID TYPE.
7. ALL OPENINGS, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
8. CONTRACTOR SHALL INCLUDE FOR PAYMENT OF REQUIREMENT PERMITS, FEES, LICENCES, CERTIFICATES OF INSPECTION, ETC. IF REQUIRED.
9. CABLE AND CONDUIT SIZES INDICATED ON DRAWINGS ARE MINIMUM SIZES AND SHALL BE INCREASED BASED ON ACTUAL ROUTING AND VOLTAGE DROP.
10. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR ALL SHOP DRAWINGS PRIOR TO PROCUREMENT AND INSTALLATION OF RELATED ELECTRICAL CONNECTIONS. ANY ALTERNATIONS DUE TO MECHANICAL COORDINATION SHALL BE RECORDED IN ELECTRICAL AS-BUILTS.
11. ALL NOT IN SCOPE AREAS ARE TO REMAIN ACTIVE AND OPERATIONAL DURING THE ENTIRE DURATION OF WORK. WIRING, CONDUIT, AND EQUIPMENT REQUIRED TO MAINTAIN SERVICE SHALL BE TEMPORARILY SUPPORTED, RE-ROUTED, SERVICED, OR RELOCATED AS REQUIRED. ANY LOSS OF SERVICES TO SPACES OUTSIDE OF THE SCOPE OF WORK SHALL BE COORDINATED WITH FACILITY MANAGEMENT.
12. CONTRACTOR SHALL CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS. VERIFY ALL LOCATIONS, SIZES, AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL.
13. MAINTAIN EXISTING FIRE ALARM, EXIT SIGNS AND EMERGENCY LIGHTS IN FULL OPERATION DURING THE ENTIRE CONSTRUCTION STAGE. WHERE DISRUPTION TO LIFE SAFETY SYSTEMS ARE REQUIRED, REPORT TO THE OWNER, PROVIDE CONTINUOUS MONITORING DURING SHUT DOWN PERIOD, AND ENSURE THAT ALL SYSTEMS ARE REACTIVATED PRIOR TO LEAVING THE SITE AT THE END OF EACH WORKING DAY.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT. SHOULD ANY EXISTING SYSTEM BE DAMAGED, MAKE FULL REPAIR/REPLACES WITHOUT EXTRA COST, AND TO THE SATISFACTION OF THE OWNER.
15. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE OWNER FOR ANY SHUTDOWN REQUIRED 3 DAYS PRIOR. SHUTDOWN SHALL BE PERFORMED DURING AFTER HOURS OR ON WEEKENDS AT THE CONTRACTOR'S EXPENSE.
16. CONTRACTOR IS RESPONSIBLE FOR STORAGE AND PROTECTION OF ALL EXISTING ITEMS WHICH WILL BE RELOCATED/REUSED IN THIS PROJECT.
17. HORIZONTAL COMMUNICATIONS CABLES SHALL NOT EXCEED 90 METERS IN LENGTH FROM NETWORK SWITCH TO TERMINATION POINT. WHERE CABLING DISTANCES EXCEED 90 METERS, CONTRACTOR SHALL REPORT THE CONDITIONS TO THE CONSULTANT AND OWNER FOR FURTHER DIRECTION.
18. IN CEILING CONSOLIDATION POINTS IDENTIFIED ON DRAWINGS ARE PROPOSED APPROXIMATE LOCATIONS ONLY. FINAL PLACEMENTS OF CONSOLIDATION POINTS SHALL BE COORDIANTED WITH CEILING CONDITIONS, INCLUDING BUT NOT LIMITED TO CEILING GRID, LIGHT FIXTURES, EXISING EQUIPMENT, ETC., AND MAY BE MOUNTED WITHIN A 2 METRE RADIUS FROM PROPOSED LOCATIONS. CONTRACTOR SHALL IDENTIFY FINAL AS-BUILT LOCATIONS.
19. ALL EXISTING CAT 6 CABLES IN GOOD CONDITION AND NOT DAMAGED SHALL BE RE-TERMINATED ON NEW JACKS IN PATCH PANELS INSIDE NEW CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT, REFER TO SPECIFICATIONS SECTION 27 05 00 COMMON WORK RESULTS FOR COMMUNCATIONS. WHERE PERMANENT LINK TESTING OF EXISTING CABLES YIELDED A FAILED TEST RESULT, CONTRACTOR SHALL REPORT THE CONDITIONS TO THE CONSULTANT AND OWNER FOR FURTHER DIRECTION.
20. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT INFRASTRUCTURE C/W PULL STRING FOR DIVISION 27 41 00 AUDIO-VIDEO SYSTEMS SCOPE AND DIVISION 28 00 00 ELECTRONIC SAFETY AND SECURITY SCOPE.
21. ALL DIVISION 27 41 00 AUDIO-VIDEO SYSTEMS SCOPE AND DIVISION 28 00 00 ELECTRONIC SAFETY AND SECURITY SCOPE, INCLUDING BUT NOT LIMITED TO DEVICES, CABLING, ETC., ARE NOT PART OF THIS CONTRACT AND SHALL BE CARRIED UNDER CASH ALLOWANCES.
22. ALL DISPLAY LOCATIONS SHALL HAVE PLYWOOD BACKBOARD FOR DISPLAY MOUNTING.
23. ALLOW FOR X-RAY, SCAN, AND CORING AS REQUIRED. CARRY ALL ASSOCIATED COSTS.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

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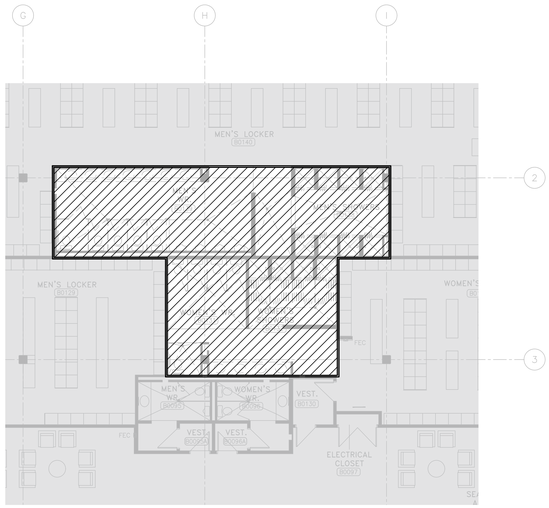
ISSUED FOR CONSTRUCTION DATE

NORTH

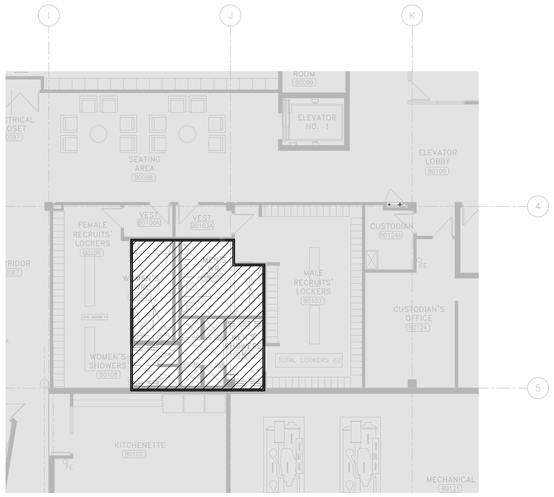
STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE
ELECTRICAL SYMBOLS, LEGENDS & DRAWING LIST

SHEET NO. E001
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



1 / E101 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - DEMO
SCALE: 1:100



2 / E101 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - DEMO
SCALE: 1:100

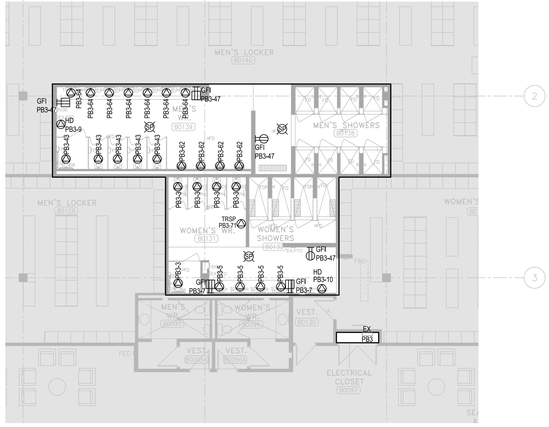
DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

1. EXISTING CONSTRUCTION TO REMAIN.

ELECTRICAL, IT, AV, & SECURITY:

1. UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
2. FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
3. REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.



3 / E101 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - NEW
SCALE: 1:100

4 / E101 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
2. FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATE CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

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PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

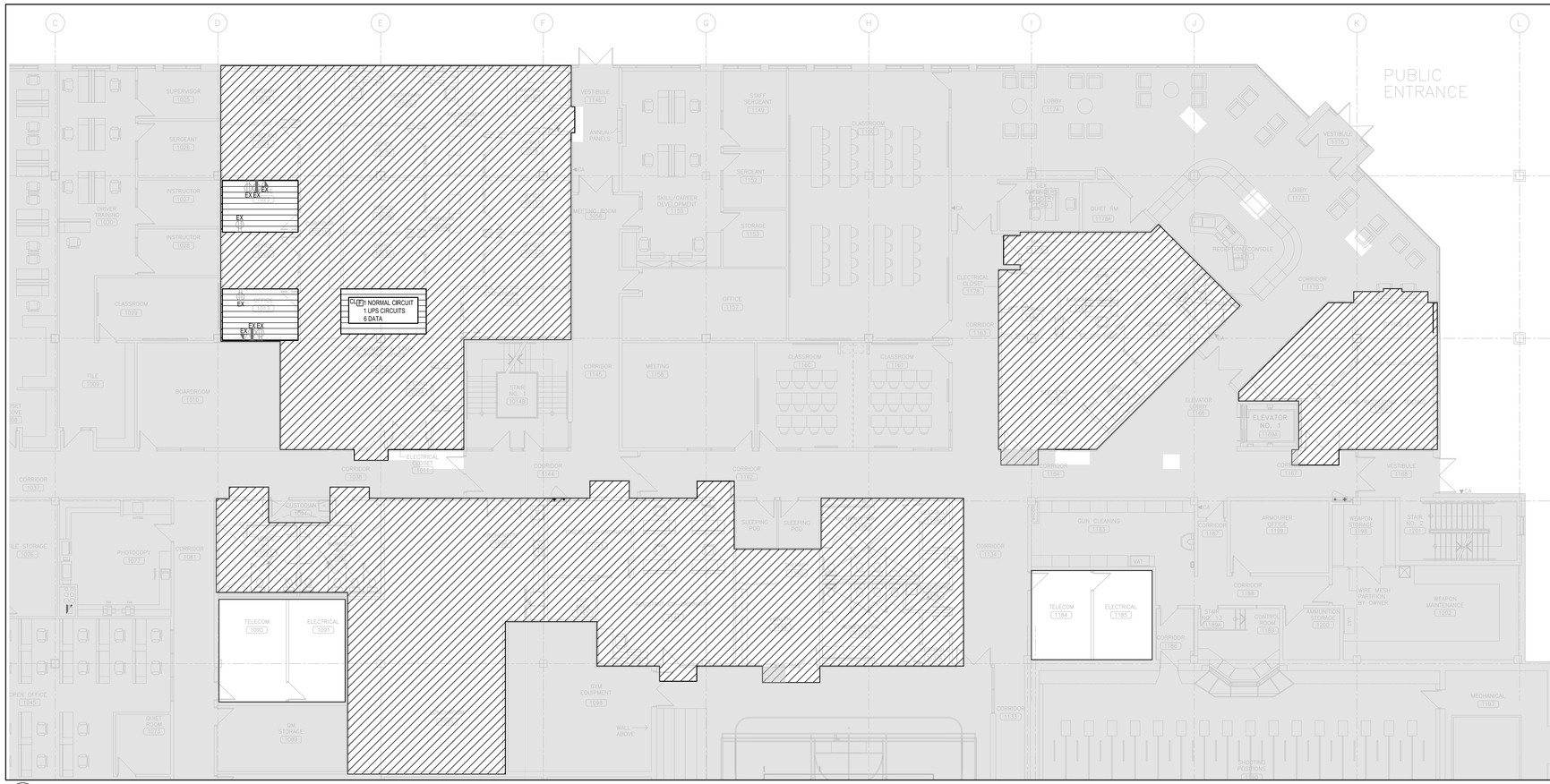
STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL BASEMENT FLOOR - POWER AND SYSTEM - DEMO & NEW

SHEET NO.	DRAWN BY: SS/LL	CHECKED KE
E101	PROJECT NO. MRK-25008951-A0	
	SCALE	



DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

1. EXISTING CONSTRUCTION TO REMAIN.

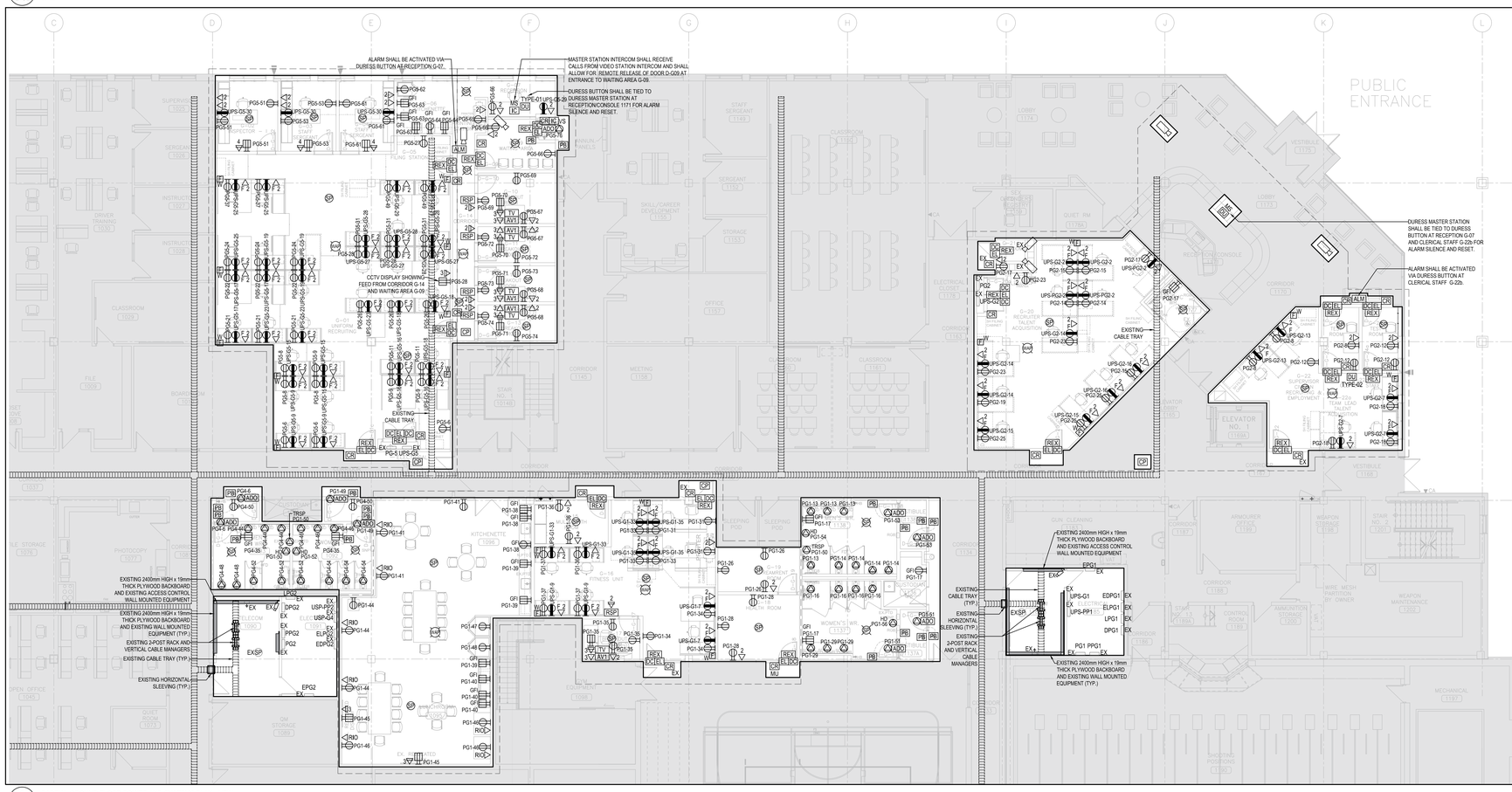
ELECTRICAL, IT, AV, & SECURITY:

1. UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE. TO SUIT THE NEW LAYOUT AND MAKE SAFE.
2. FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
3. REMOVE ALL IT, AV, AND SECURITY DEVICES, CABLING (SEE ITEM BELOW FOR COMMUNICATIONS CABLING), AND INFRASTRUCTURE WITHIN THE AREA.
4. ALL EXISTING CAT 6 CABLES IN GOOD CONDITION AND NOT DAMAGED WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT, REFER TO SPECIFICATIONS SECTION 27 05 00 COMMON WORK RESULTS FOR COMMUNICATIONS.
5. MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
6. REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

ELECTRICAL, IT, AV, & SECURITY:

1. AREA SHALL BE USED AS SWING SPACE DURING CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR FOR PHASING.
2. PROVIDE TEMPORARY POWER AND DATA AS SHOWN. UTILIZE EXISTING SERVICES WHEN AVAILABLE.
3. PROVIDE DEMOLITION AS NOTED ABOVE ONCE SWING SPACE PHASE IS COMPLETED.

1 / E102 PARTIAL GROUND FLOOR POWER AND SYSTEMS PLAN - DEMO
SCALE: 1:100



DURESS BUTTON TYPES:
TYPE-01 - DISCREET UNDER TABLE DURESS BUTTON
TYPE-02 - WALL MOUNTED DURESS BUTTON

GENERAL NOTES:

1. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
2. FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATE CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.

2 / E102 PARTIAL GROUND FLOOR POWER AND SYSTEMS PLAN - NEW
SCALE: 1:100

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION | DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL GROUND FLOOR - POWER AND SYSTEMS - DEMO & NEW

SHEET NO.	DRAWN BY	CHECKED
E102	SS/LL	KE

PROJECT NO. MRK-25008951-A0
SCALE

1 / E103 PARTIAL SECOND FLOOR POWER AND SYSTEMS PLAN - DEMO
SCALE: 1:100

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

1. EXISTING CONSTRUCTION TO REMAIN.

ELECTRICAL, IT, AV, & SECURITY:

1. UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
2. FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
3. REMOVE ALL IT, AV, AND SECURITY DEVICES, CABLING (SEE ITEM BELOW FOR COMMUNICATIONS CABLING), AND INFRASTRUCTURE WITHIN THE AREA.
4. ALL EXISTING CAT 6 CABLES IN GOOD CONDITION AND NOT DAMAGED WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT, REFER TO SPECIFICATIONS SECTION 27 05 00 COMMON WORK RESULTS FOR COMMUNICATIONS.
5. MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
6. REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

ELECTRICAL, IT, AV, & SECURITY:

1. AREA SHALL BE USED AS SWING SPACE DURING CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR FOR PHASING.
2. PROVIDE TEMPORARY POWER AND DATA AS SHOWN. UTILIZE EXISTING SERVICES WHEN AVAILABLE.
3. REINSTATE TO EXISTING CONDITION ONCE SWING SPACE PHASE IS COMPLETED.

2 / E103 PARTIAL SECOND FLOOR POWER AND SYSTEMS PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
2. FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATE CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report any discrepancies to the architect. Do not scale the drawings. Only the professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is native.

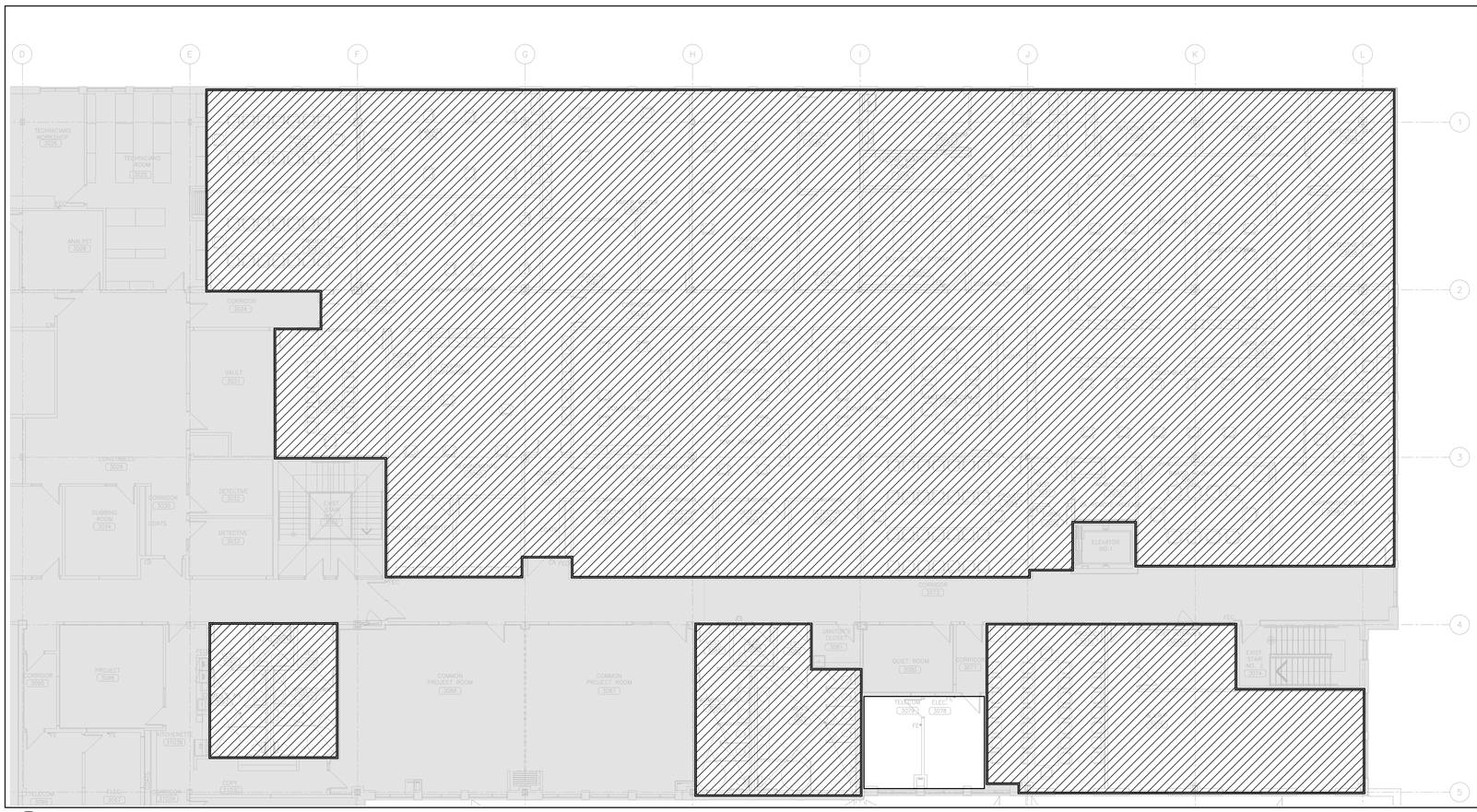
ISSUED FOR CONSTRUCTION | DATE

NORTH

STRUCTURAL CONSULTANT: Stephenson Engineering
MECHANICAL CONSULTANT: EXP Services Inc.
ELECTRICAL CONSULTANT: EXP Services Inc.

SHEET TITLE: PARTIAL SECOND FLOOR - POWER AND SYSTEMS - DEMO & NEW

SHEET NO. E103
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



1 E104 PARTIAL THIRD FLOOR POWER AND SYSTEMS PLAN - DEMO
SCALE 1:100

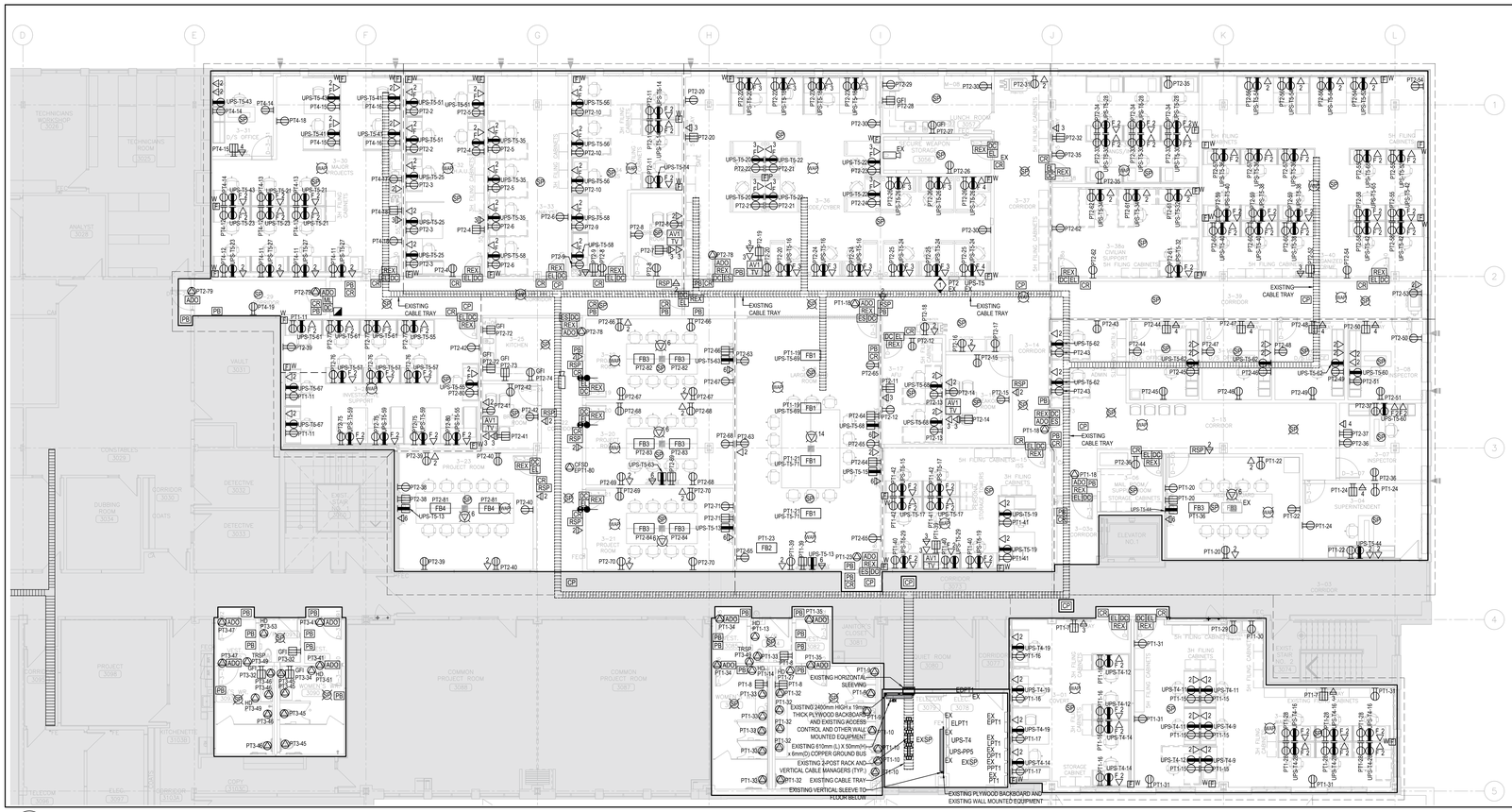
DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

1. EXISTING CONSTRUCTION TO REMAIN.

ELECTRICAL, IT, AV, & SECURITY:

1. UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
2. FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
3. REMOVE ALL IT, AV, AND SECURITY DEVICES, CABLING (SEE ITEM BELOW FOR COMMUNICATIONS CABLING), AND INFRASTRUCTURE WITHIN THE AREA.
4. ALL EXISTING CAT 6 CABLES IN GOOD CONDITION AND NOT DAMAGED WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT. REFER TO SPECIFICATIONS SECTION 27 05 00 COMMON WORK RESULTS FOR COMMUNCATIONS.
5. MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
6. REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.



2 E104 PARTIAL THIRD FLOOR POWER AND SYSTEMS PLAN - NEW
SCALE 1:100

GENERAL NOTES:

1. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
2. FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATE CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.
3. COMMUNICATIONS CABLING IN FLOOR BOXES SHALL BE FED FROM THE FLOOR BELOW AND SHALL BE A DIRECT RUN TO THE TELECOM ROOM WITHOUT THE USE OF CONSILIDATION POINTS.

KEY NOTES:

1. EXISTING PANELS PT2 AND UPS-T5 SHALL REMAIN. PROVIDE TEMPORARY FLOOR MOUNT SUPPORT TO ALLOW FOR REWORK OF WALL. REINSTATE WITH NEW WALL PARTITION.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION | DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

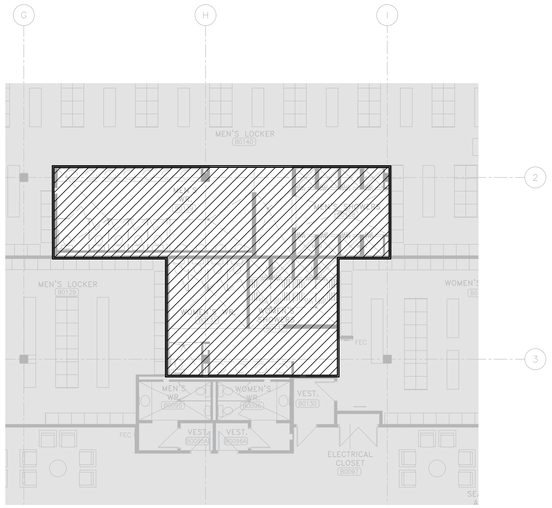
SHEET TITLE
PARTIAL THIRD FLOOR - POWER AND SYSTEMS - DEMO & NEW

SHEET NO. E104

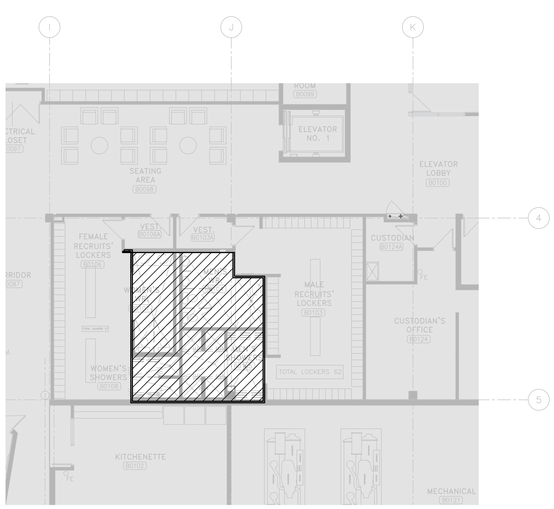
DRAWN BY SS/LL | CHECKED KE

PROJECT NO. MRK-25008951-A0

SCALE



1 / E201 PARTIAL BASEMENT LIGHTING PLAN - DEMO
SCALE: 1:100



2 / E201 PARTIAL BASEMENT LIGHTING PLAN - DEMO
SCALE: 1:100

3 / E201 PARTIAL BASEMENT LIGHTING PLAN - NEW
SCALE: 1:100

4 / E201 PARTIAL BASEMENT LIGHTING PLAN - NEW
SCALE: 1:100

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

1. EXISTING CONSTRUCTION TO REMAIN.

ELECTRICAL, IT, AV, & SECURITY:

1. UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
2. FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
3. REMOVE ALL IT, AV, AND SECURITY DEVICES, CABLING, AND INFRASTRUCTURE WITHIN THE AREA.
4. MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
5. ALL EXISTING CAT 6 CABLES WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT.
6. REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

GENERAL NOTES:

1. REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
2. ALL NEW LIGHTING SHALL TIE BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
3. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL BASEMENT FLOOR - LIGHTING - DEMO & NEW

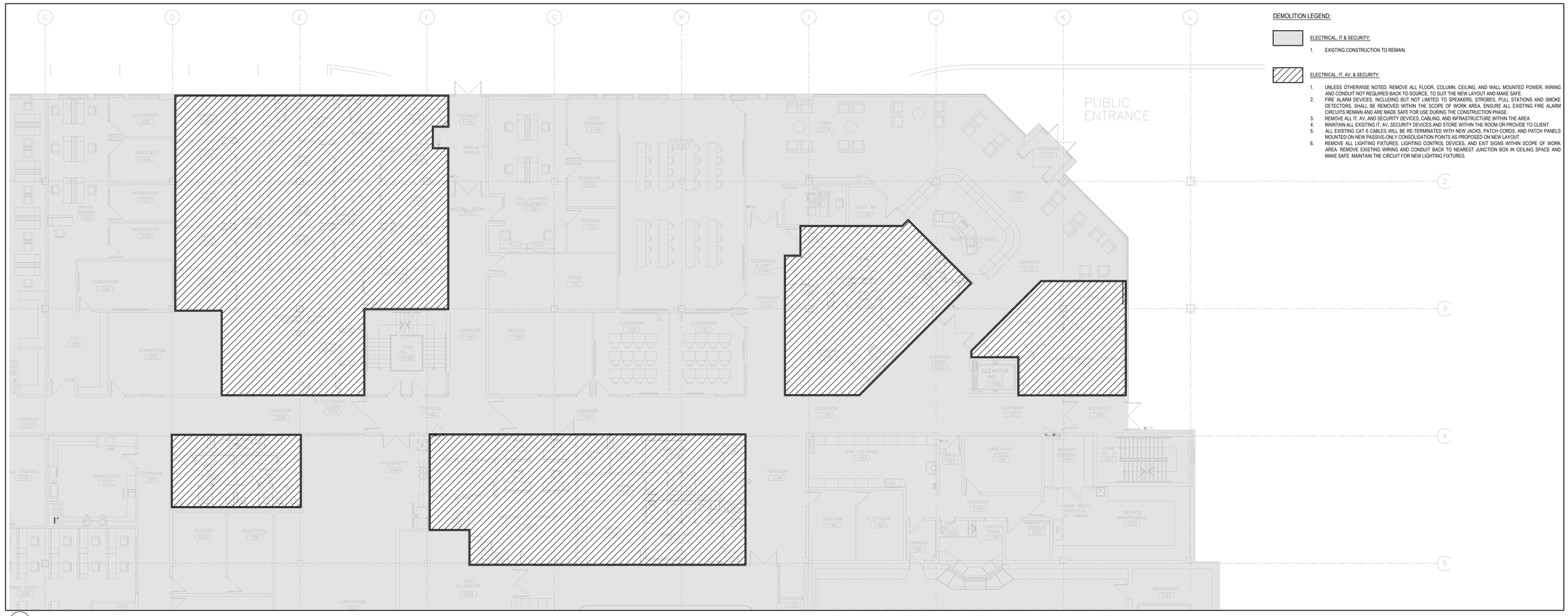
SHEET NO. E201

DRAWN BY: SS/LL

CHECKED: KE

PROJECT NO. MRK-25008951-A0

SCALE



1 E202 PARTIAL GROUND FLOOR LIGHTING PLAN - DEMO
SCALE: 1:100

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

1. EXISTING CONSTRUCTION TO REMAIN.

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2 E202 PARTIAL GROUND FLOOR LIGHTING PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
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REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

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ISSUED FOR CONSTRUCTION DATE

NORTH

PROJECT NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL GROUND FLOOR - LIGHTING - DEMO & NEW

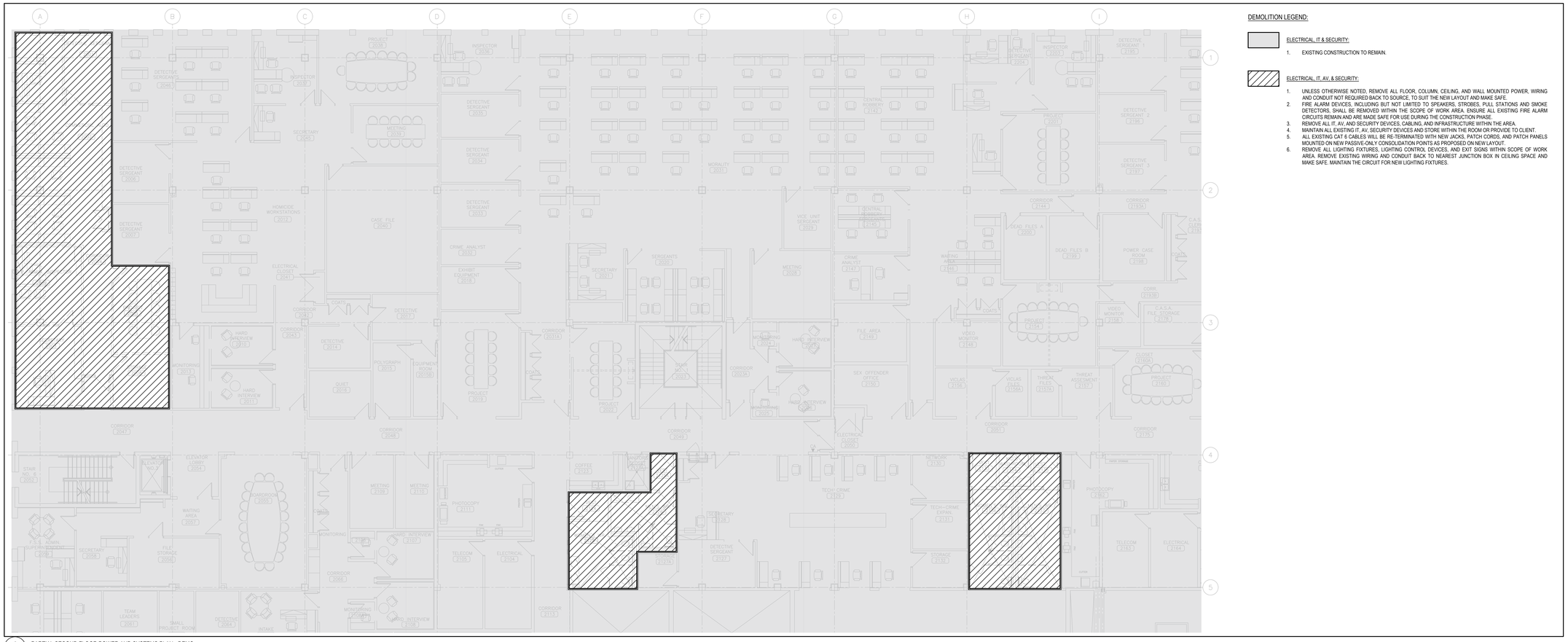
SHEET NO. E202

DRAWN BY SS/LL

CHECKED KE

PROJECT NO. MRK-25008951-A0

SCALE



1 E103 PARTIAL SECOND FLOOR POWER AND SYSTEMS PLAN - DEMO
SCALE: 1:100

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

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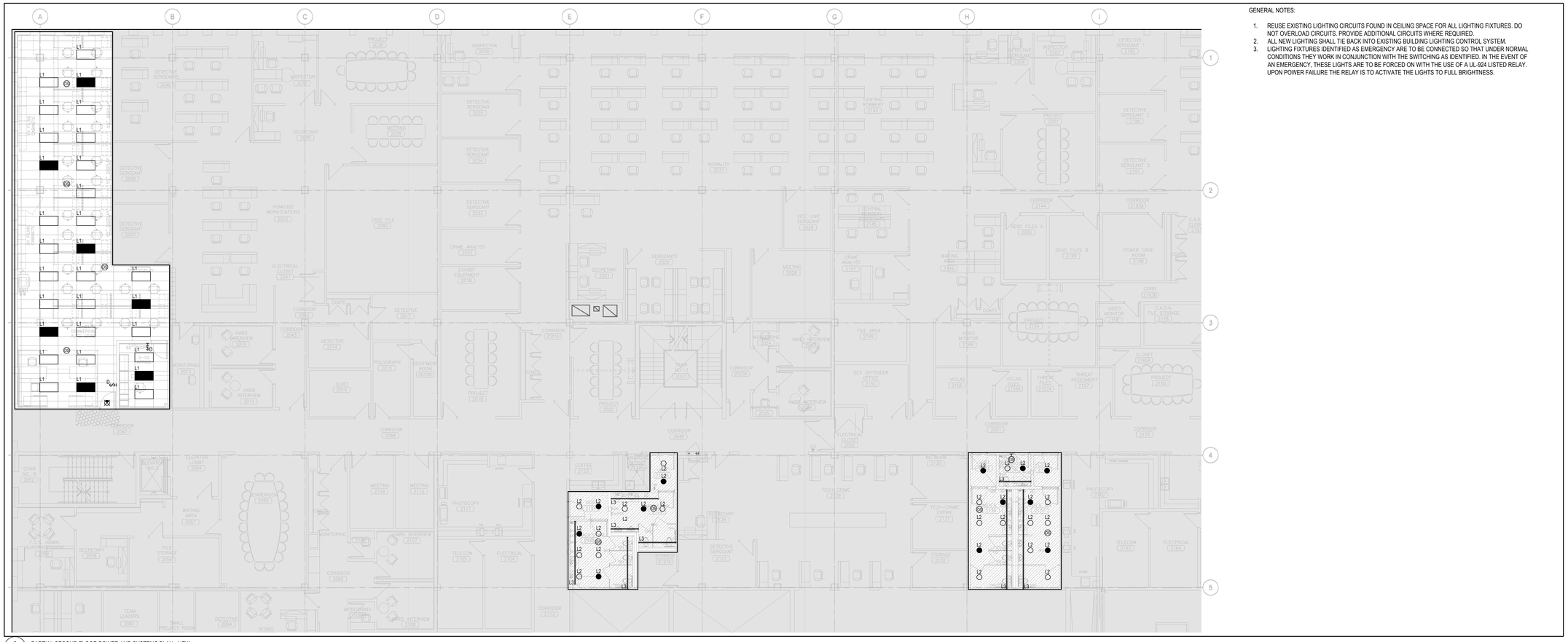

2 E103 PARTIAL SECOND FLOOR POWER AND SYSTEMS PLAN - NEW
SCALE: 1:100

GENERAL NOTES:

1. REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
2. ALL NEW LIGHTING SHALL TIE BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
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5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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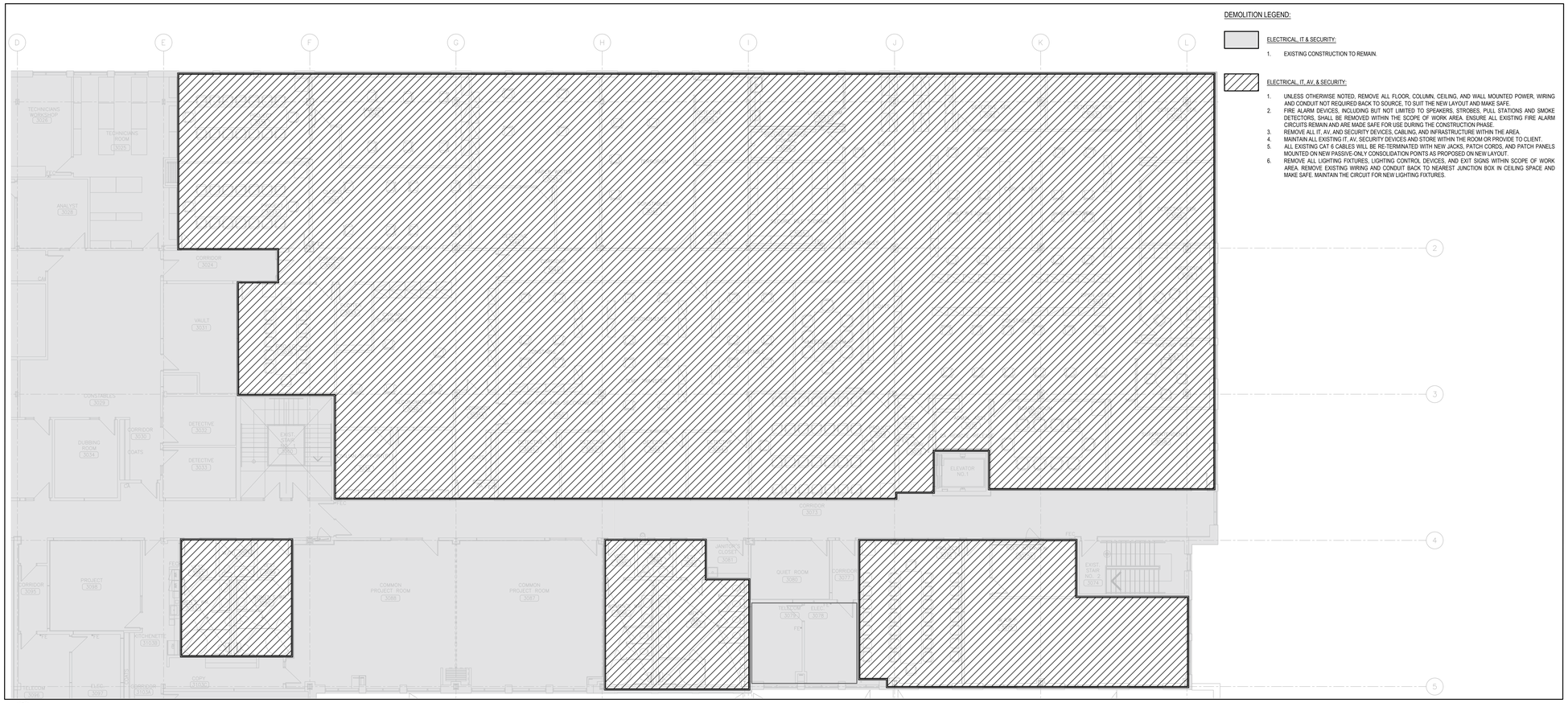
NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL SECOND FLOOR - POWER AND SYSTEMS - DEMO & NEW

SHEET NO. E103
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

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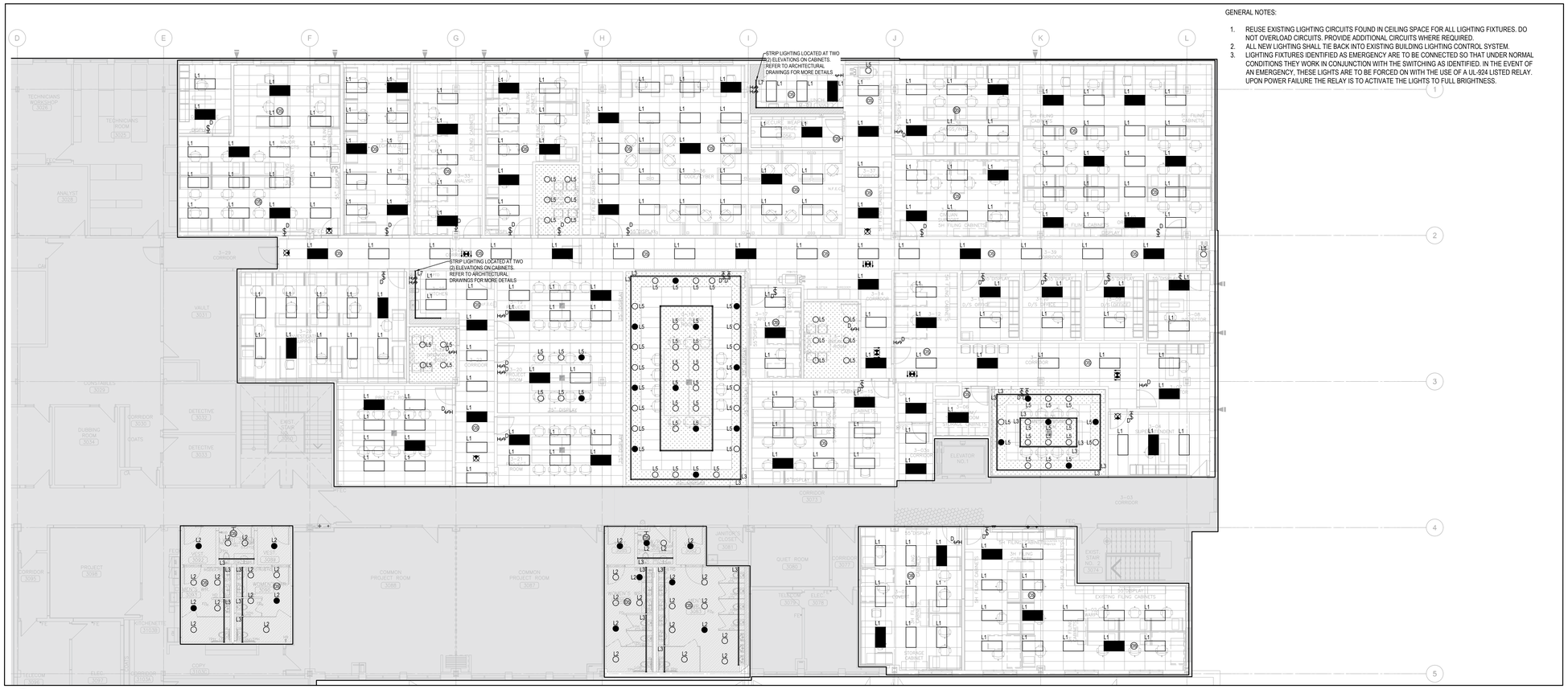
1 E204 PARTIAL THIRD FLOOR LIGHTING PLAN - DEMO
SCALE: 1:100



GENERAL NOTES:

1. REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
2. ALL NEW LIGHTING SHALL TIE BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
3. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.

2 E204 PARTIAL THIRD FLOOR LIGHTING PLAN - NEW
SCALE: 1:100

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering

MECHANICAL CONSULTANT
EXP Services Inc.

ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PARTIAL THIRD FLOOR - LIGHTING - DEMO & NEW

SHEET NO. E204

DRAWN BY SS/LL

CHECKED KE

PROJECT NO. MRK-25008951-A0

SCALE

LUMINAIRE SCHEDULE

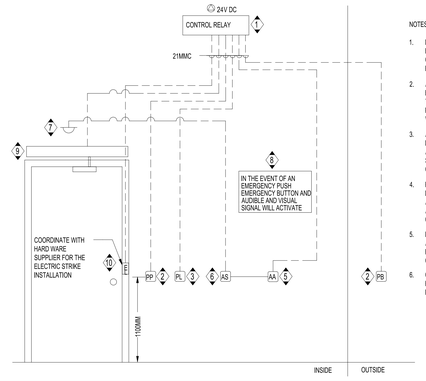
TYPE	BASE MANUFACTURER	DESCRIPTION	LUMEN	COLOUR TEMP	VOLTAGE	WATTS	CATALOG NUMBER
L1	VISIONEERING	2'x4' RECESSED LIGHT FIXTURE	4000	3500	120	28	LRTHQx4-LED82769KT040LUNV-0-10V
L2	LIGHTOLIER - SIGNIFY	6" SQUARE DOWNLIGHT (WET RATED)	2800	3500	120	28	6SN P65DL20935MWHZ10U
L3	OPTIC ARTS - LUMINII	COVE LIGHTING	200/FT	3500	120	2.5/FT	LL30-35K-X-X-X PDCLI-W-96-24
L4	AXIS LIGHTING	4" RECESSED LINEAR	1000/FT	3500	120	9.5W/FT	BBRLED-1000-80-35-FL-8-X-120-DP-1-Q
L5	LIGHTOLIER - SIGNIFY	6" SQUARE DOWNLIGHT	2800	3500	120	28	6SN P65DL20935MWHZ10U
L6	VISIONEERING	2'x2' RECESSED LIGHT FIXTURE	2000	3500	120	13	LRTHQx2-LED82769KT040LUNV-0-10V
L7	ELITE	CABINET LIGHTING	120/FT	3500	120	1.5/FT	LB1000-ST-1.5W-C-35K-24V LP-SHC-CM-075-C-WH-FTD-RL ED-M6W-24-I-TRIAC-CM10
L8	CAMDEN DOOR CONTROLS	LED DOME LIGHT			24	0.1	CM-AF142SO
X1	LUMACELL	UNIVERSAL MOUNT EXIT SIGN			120	2.5	LA-3-W-U

NOTES:
1. ALL FINISHES, FLANGE, AND PLASTER COLOURS SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO ORDERING LUMINAIRES.
2. ALL LUMINAIRES SHALL BE CSA APPROVED.
3. CONTRACTOR SHALL PROVIDE MOUNTING ACCESSORIES AND HARDWARE TO SUIT CEILING AND WALL FINISHES.
4. PROVIDE PROPOSED EQUAL FIXTURES FOR CONSULTANTS' AND CLIENT'S APPROVAL DURING TENDER. PROVIDE INFORMATION OF PROPOSED APPROVED EQUAL LIGHT FIXTURES INCLUDING BUT NOT LIMITED TO LIGHT FIXTURE CUTSHEETS, PHOTOMETRICS, AND RECENT REFERENCE PROJECTS.
5. PROVIDE ACCESSORIES INCLUDING DRIVERS AND STEP-DOWN TRANSFORMERS AS REQUIRED TO MAKE A WORKING SYSTEM.

DESCRIPTION

EQUIPMENT PACKAGE:

1. MULTI-FUNCTION RELAY
2. ILLUMINATED PUSH TO OPEN PLATE WITH ENCLOSURE AND SIGN.
3. ILLUMINATED PUSH TO LOCK PLATE WITH ENCLOSURE AND SIGN.
4. RESERVED
5. 'PRESS FOR EMERGENCY ASSISTANCE' SWITCH
6. 'ASSISTANCE REQUESTED' LED ANNUNCIATOR WITH SOUNDER
7. 'ASSISTANCE REQUIRED' SINGLE GANG DOME LIGHT WITH SOUNDER BY ARCHITECT.
8. EMERGENCY ASSISTANCE SIGN
9. DOOR OPERATOR - SUPPLIED BY OTHERS
10. ELECTRIC LOCK



NOTES:

1. DOOR HARDWARE AND DOOR MOTORS SHALL BE SUPPLIED AND INSTALLED BY OTHERS. CONDUIT AND WIRING TO THE MOTORS SHALL BE BY THE ELECTRICAL CONTRACTOR.
2. ALL ROUGH-INS AND CONDUIT BY THE ELECTRICAL CONTRACTOR. COORDINATE WITH THE ROUGH-IN LOCATION FOR THE DOOR PUSH BUTTONS AND DOOR LOCK BUTTONS WITH INTERIOR DESIGNER/ ARCHITECT.
3. ALL DOOR CONTROL DEVICES INCLUDING DOOR PUSH BUTTONS AND LOCK BUTTONS AND EMERGENCY CALL ASSISTANCE DEVICES SHALL BE SUPPLIED AND INSTALLED BY OTHERS.
4. FINAL CONNECTIONS TO THE DOOR CONTROL DEVICES SHALL BE COMMISSIONED BY THE AUTHORIZED MANUFACTURER TECHNICIAN. ALL COSTS SHALL BE INCLUDED IN THIS CONTRACT.
5. LOW VOLTAGE CABLES SHALL BE SUPPLIED AND INSTALLED BY OTHERS. CONDUIT WITH PULL STRING SHALL BE BY THE ELECTRICAL CONTRACTOR.
6. COORDINATE WITH ARCHITECT AND DOOR HARDWARE CONTRACTOR FOR THE EXACT REQUIREMENTS.

1 / E301 UNIVERSAL WASHROOM WIRING DIAGRAM
SCALE: N.T.S.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional whose seal is affixed to this drawing. Do not scale drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

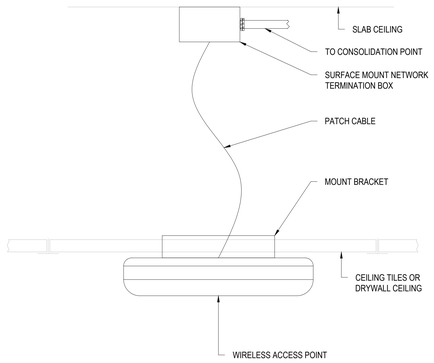
ISSUED FOR CONSTRUCTION: DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

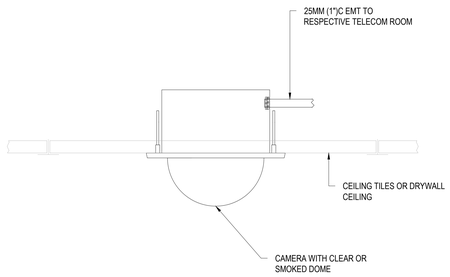
SHEET TITLE
ELECTRICAL DETAILS

SHEET NO. E301
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE



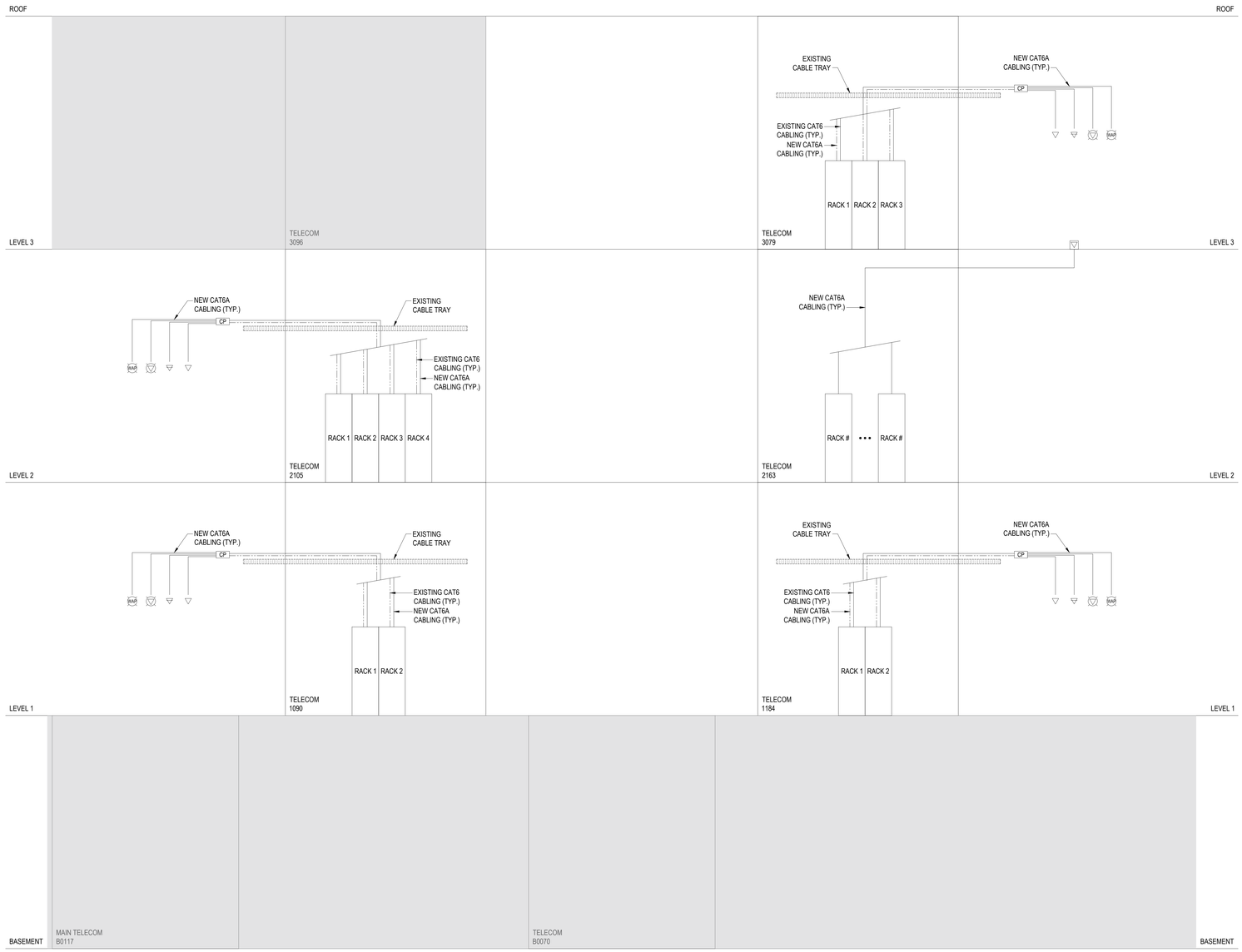
DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. WIRELESS ACCESS POINTS SHALL BE SUPPLIED BY OWNER.
3. COMMUNICATIONS CONTRACTOR TO PROVIDE AND INSTALL ALL MAJOR AND MISCELLANEOUS MOUNTING HARDWARE TO FACILITATE PROPER MOUNTING AS RECOMMENDED BY MANUFACTURER.
4. COORDINATE EXACT REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
5. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION ONSITE FOR PROPER COVERAGE. COORDINATE WITH ELECTRICAL CONTRACTOR.

5 WIRELESS ACCESS POINT SUSPENDED CEILING MOUNT DETAIL
E311 NTS

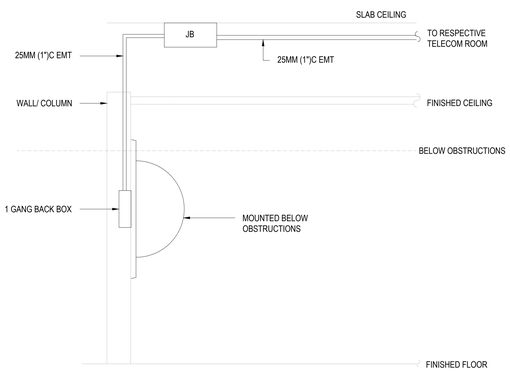


DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. ALL CAMERAS AND ASSOCIATED CABLING SHALL BE SUPPLIED AND INSTALLED BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.

6 CEILING MOUNTED FIXED CAMERA DETAIL
E311 NTS

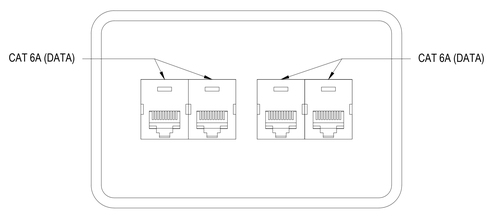


1 COMMUNICATIONS RISER DIAGRAM
E311 NTS



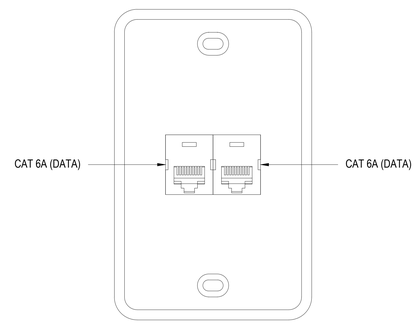
DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. ALL CAMERAS AND ASSOCIATED CABLING SHALL BE SUPPLIED AND INSTALLED BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.

7 CAMERA WALL MOUNTED DETAIL
E311 NTS



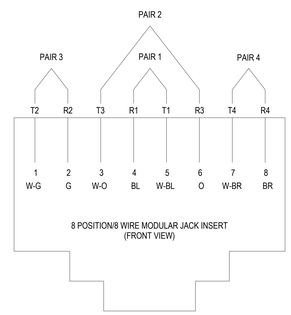
DETAIL NOTES:
1. STANDARD DATA TELECOMMUNICATION OUTLET WITH (4) CAT 6A CABLES TERMINATING AT DESIGNATED PATCH PANEL IN CONSOLIDATION POINT.
2. REFER TO SPECIFICATIONS SECTION 27 10 00 - STRUCTURED CABLING FOR OUTLET FACEPLATE COLOUR, DATA JACK COLOR, AND ADDITIONAL INFORMATION.

4 STANDARD MODULAR FURNITURE DATA OUTLET
E311 NTS



DETAIL NOTES:
1. STANDARD DATA TELECOMMUNICATION OUTLET WITH (2) CAT 6A CABLES TERMINATING AT DESIGNATED PATCH PANEL IN CONSOLIDATION POINT.
2. REFER TO SPECIFICATIONS SECTION 27 10 00 - STRUCTURED CABLING FOR OUTLET FACEPLATE COLOUR, DATA JACK COLOR, AND ADDITIONAL INFORMATION.

3 STANDARD SINGLE GANG DATA OUTLET
E311 NTS



DETAIL NOTES:
PAIR 1:WHITE-BLUE/ BLUE
T1 R1
PAIR 2: WHITE-ORANGE/ ORANGE
T3 R3
PAIR3: WHITE-GREEN/ GREEN
T2 R2
PAIR 4: WHITE-BROWN/ BROWN
T4 R4

2 EIA/ TIA T568A WIRING SCHEME DETAIL
E311 NTS

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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This drawing shall not be used for construction purposes until issued for construction by the architect/engineer/ or other seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

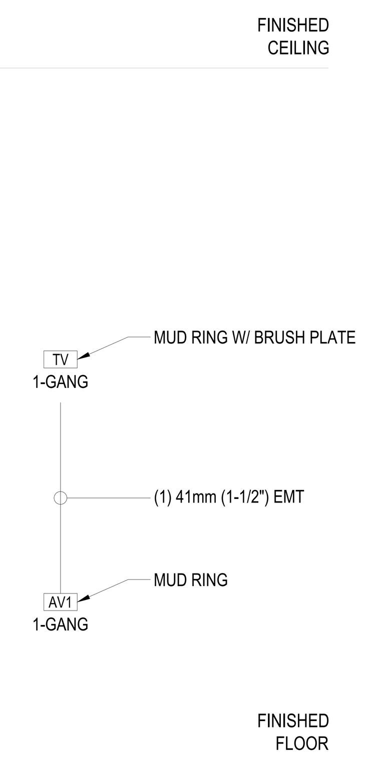
STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
TECHNOLOGY DETAILS

SHEET NO.	DRAWN BY	CHECKED
E311	SSULL	KE

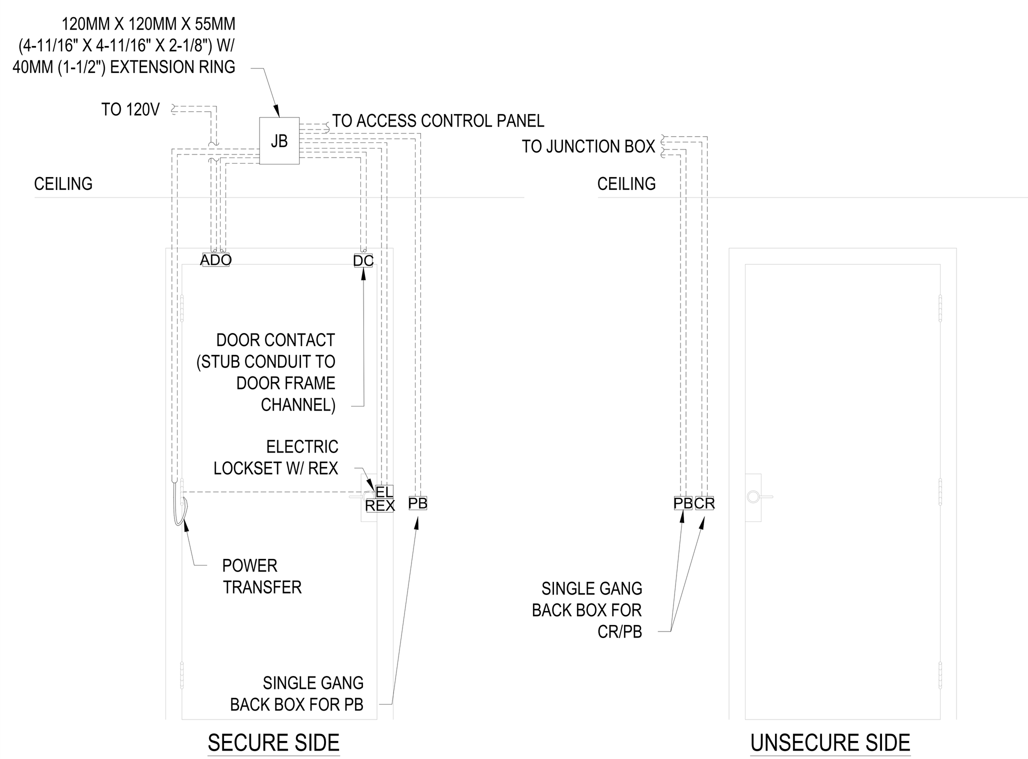
PROJECT NO. MRK-25008951-A0

SCALE



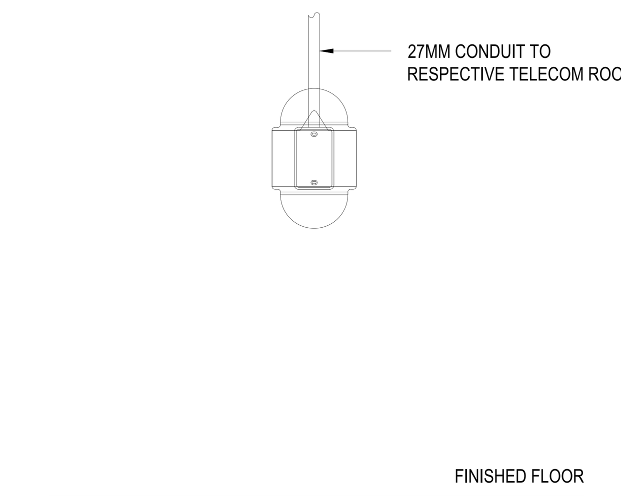
DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT. REFER TO PLANS FOR EXACT QUANTITY OF DEVICES.
2. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHTS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT INFRASTRUCTURE C/W PULL STRING.
4. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE.

9 AV RISER DIAGRAM - INPUT ON DISPLAY WALL
E312 NTS



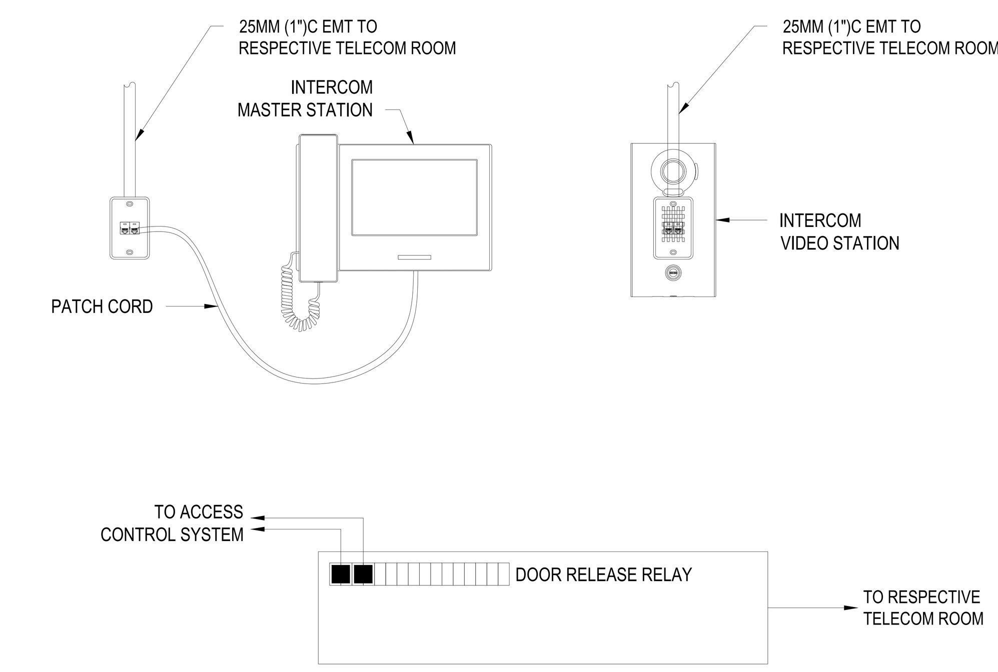
DETAIL NOTES:
1. ALL CONDUITS SHALL BE 20MM (3/4") UNLESS NOTED OTHERWISE.
2. ACCESS CONTROL DEVICES AND CABLING BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.
4. REFER TO PLANS FOR EXACT DOOR SWING AND AUTOMATIC DOOR OPERATOR REQUIREMENTS.
5. REFER TO DOOR HARDWARE DRAWINGS FOR EXACT CONDUIT ROUGH-IN LOCATIONS.

7 SINGLE ACCESS CONTROL DOOR WITH ELECTRIFIED LOCK DETAIL
E312 NTS



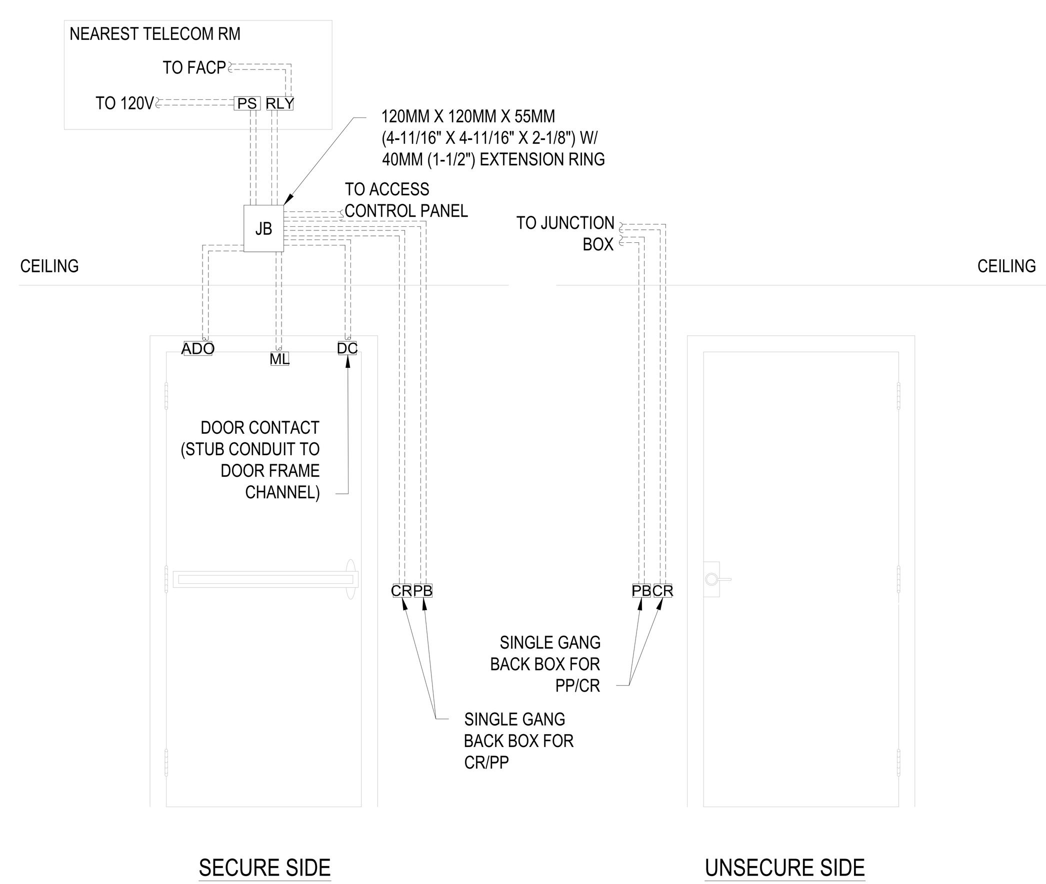
DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. ALL ALARM DEVICES AND ASSOCIATED CABLING SHALL BE SUPPLIED AND INSTALLED BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.

4 DURESS BUTTON DETAIL
E312 NTS



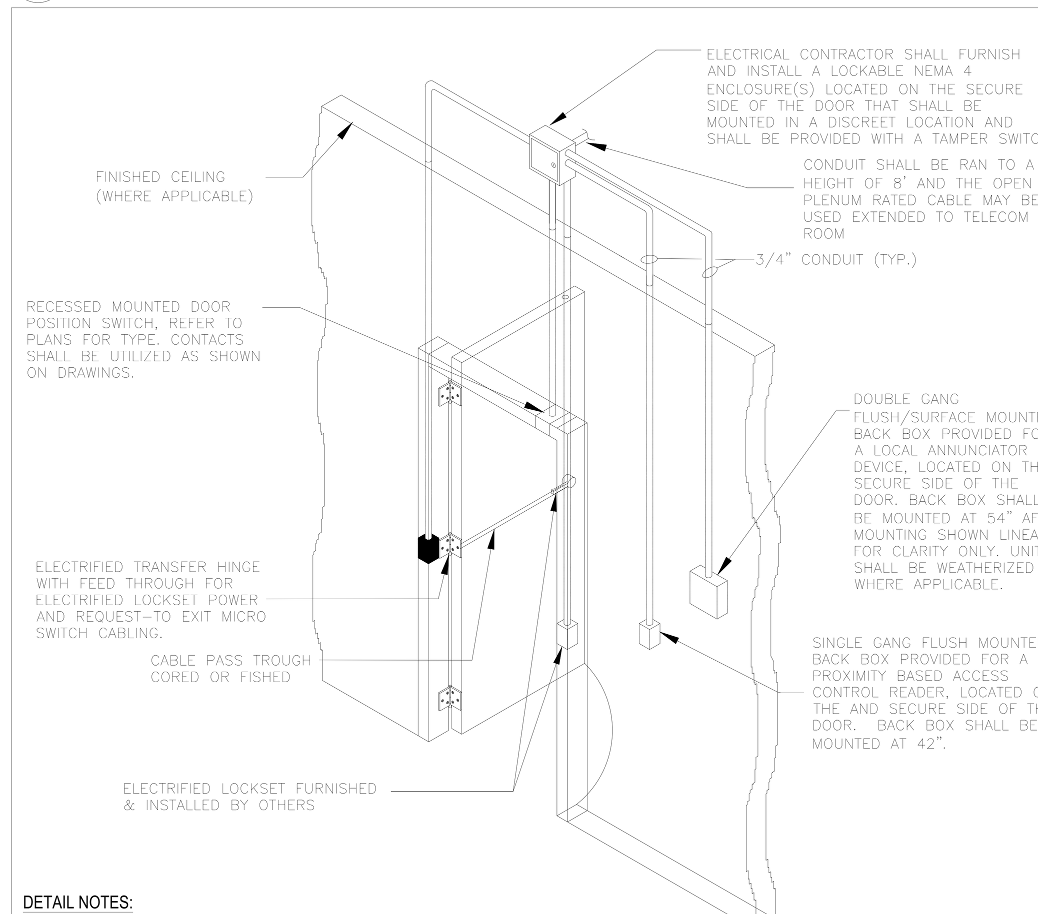
DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. ALL INTERCOM VIDEO STATIONS, INTERCOM MASTER STATIONS, AND ASSOCIATED CABLING SHALL BE SUPPLIED AND INSTALLED BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.

1 INTERCOM VIDEO/MASTER STATION DETAIL
E312 NTS



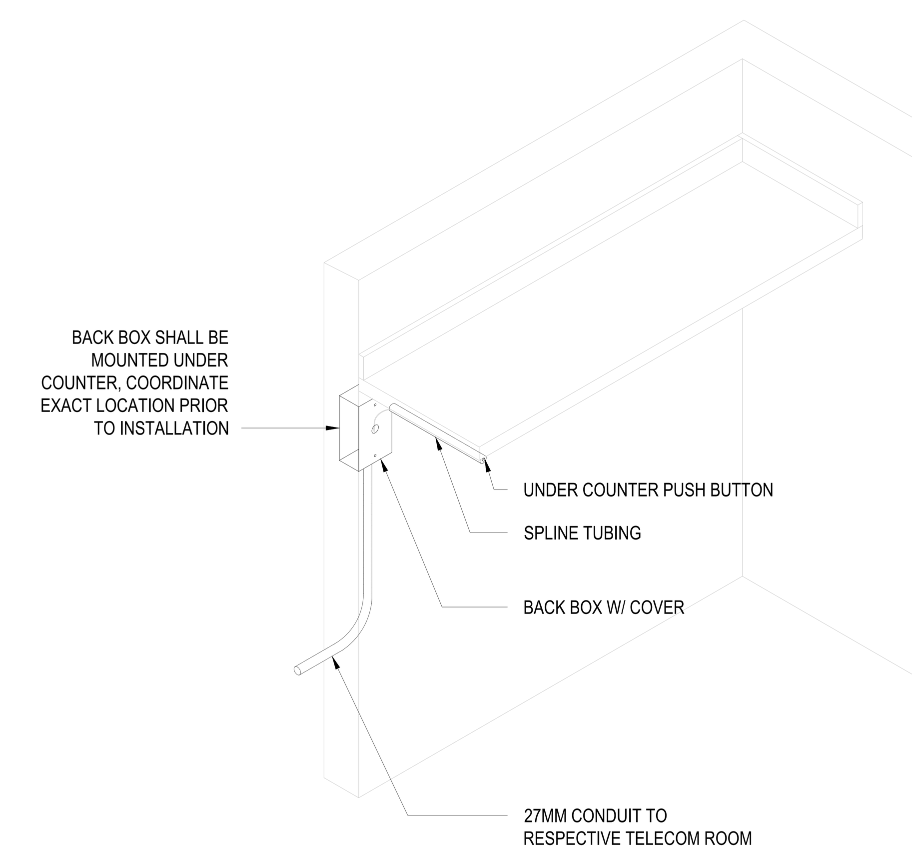
DETAIL NOTES:
1. ALL CONDUITS SHALL BE 20MM (3/4") UNLESS NOTED OTHERWISE.
2. ACCESS CONTROL DEVICES AND CABLING BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.
4. REFER TO PLANS FOR EXACT DOOR SWING AND AUTOMATIC DOOR OPERATOR REQUIREMENTS.
5. REFER TO DOOR HARDWARE DRAWINGS FOR EXACT CONDUIT ROUGH-IN LOCATIONS.

8 SINGLE DOOR WITH DOOR CONTACT AND ALARM DETAIL
E312 NTS



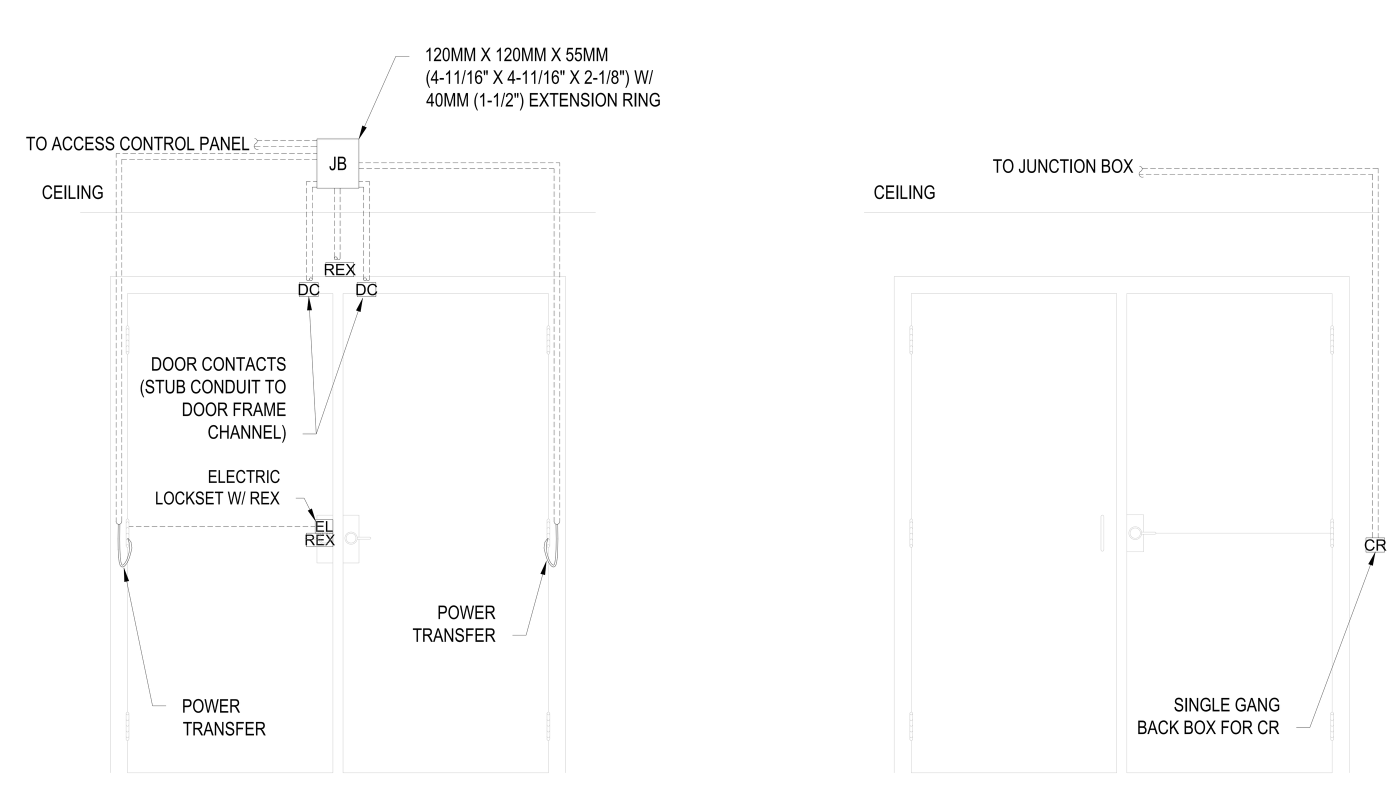
DETAIL NOTES:
1. ACCESS CONTROL DEVICES AND CABLING BY SECURITY CONTRACTOR.
2. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.
3. REFER TO DOOR HARDWARE DRAWINGS FOR EXACT CONDUIT ROUGH-IN LOCATIONS.
4. ELECTRICAL CONTRACTOR SHALL NOT PENETRATE ANY LABELED FIRE RATED DOOR. A TAC WELDED DUST BOX SHALL BE FURNISHED AND INSTALLED INSIDE THE FRAME, FURNISHED AND INSTALLED BY OTHERS.
5. DETAILS ARE TO BE UTILIZED TO SHOW ELEVATIONS AND SPECIFIC DOOR REQUIREMENTS AND ARE NOT INTENDED TO SHOW EVERY ASPECT OF THE DOOR. THEREFORE, THE FOLLOWING, BUT NOT LIMITED TO THE ARCHITECTURAL SWING OF THE DOOR, STYLE OF THE DOOR, HARDWARE REPRESENTED MAY NOT REPRESENT ACTUAL FIELD CONDITIONS.

5 SINGLE ACCESS CONTROL DOOR DETAIL
E312 NTS



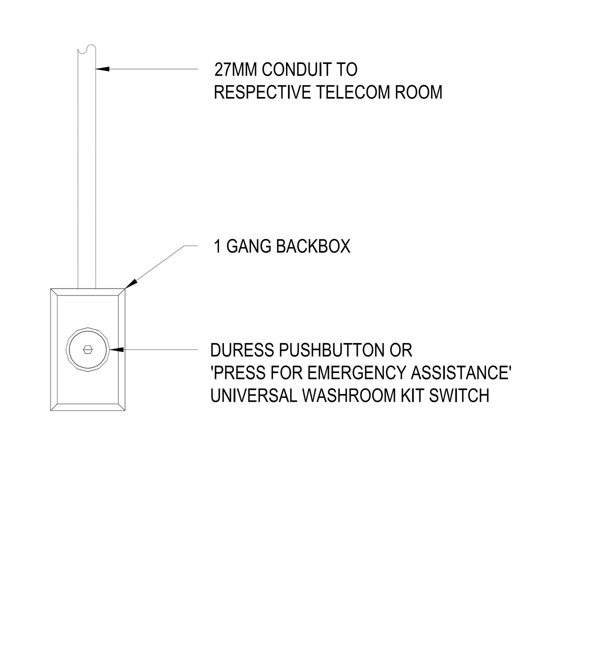
DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. ALL UNDER COUNTER/DESK DURESS BUTTONS AND ASSOCIATED CABLING SHALL BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.

2 UNDER COUNTER/DESK DURESS BUTTON DETAIL
E312 NTS



DETAIL NOTES:
1. ALL CONDUITS SHALL BE 20MM (3/4") UNLESS NOTED OTHERWISE.
2. ACCESS CONTROL DEVICES AND CABLING BY SECURITY CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.
4. REFER TO PLANS FOR EXACT DOOR SWING AND AUTOMATIC DOOR OPERATOR REQUIREMENTS.
5. REFER TO DOOR HARDWARE DRAWINGS FOR EXACT CONDUIT ROUGH-IN LOCATIONS.

6 DOUBLE DOOR WITH ELECTRIFIED LOCK DETAIL
E312 NTS



DETAIL NOTES:
1. DIAGRAM SHOWN IMPLIES INTENT AND NOT A SPECIFIC MANUFACTURE'S MODEL. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PLANS FOR EXACT QUANTITY OF DEVICES.
2. ALL DURESS BUTTONS AND ASSOCIATED CABLING SHALL BE SUPPLIED AND INSTALLED BY SECURITY CONTRACTOR.
3. ALL 'PRESS FOR EMERGENCY ASSISTANCE' UNIVERSAL WASHROOM KIT SWITCHES BY OTHERS. UNIVERSAL WASHROOM KIT TIE-IN AND ASSOCIATED CABLING TO DATA GATHERING PANEL BY SECURITY CONTRACTOR.
4. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER TO PROVIDE AND INSTALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT C/W PULL-STRING.

3 DURESS BUTTON DETAIL
E312 NTS

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

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ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
TECHNOLOGY DETAILS

SHEET NO. E312
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE

PANEL NAME: UPS-T5
LOCATION: SECOND FLOOR
FED FROM: PANEL UPS-PP5

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 225
MAIN BREAKER [A]: 150
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
DISPLAY RECEPTACLES	0	100	0	15	13	A	14	15	0	0	100	WORKSTATIONS
DISPLAY/WORKSTATION RECEPTACLES	0	100	0	15	15	B	16	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	17	C	18	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	19	A	20	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	21	B	22	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	23	C	24	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	25	A	26	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	20	27	B	28	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	29	C	30	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	35	C	36	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	41	C	42	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	43	A	44	15	0	0	100	OFFICE UPS RECEPTACLES
EXISTING LOAD	0	100	0	15	45	B	46	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	51	B	52	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	53	C	54	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	55	A	56	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	57	B	58	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	59	C	60	20	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	61	A	62	15	0	0	100	OFFICE UPS RECEPTACLES
UPS RECEPTACLES, PROJECT ROOMS	0	100	0	15	63	B	64	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	65	C	66	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	67	A	68	15	0	0	100	WORKSTATIONS
SPARE	0	100	0	20	69	B	70	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	71	C	72	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	73	A	74	15	0	0	100	SPARE
SPARE	0	100	0	15	75	B	76	15	0	0	100	SPARE
SPARE	0	100	0	15	77	C	78	15	0	0	100	SPARE
SPACE	0	100	0	15	79	A	80	15	0	0	100	SPACE
SPACE	0	100	0	15	81	B	82	15	0	0	100	SPACE
SPACE	0	100	0	15	83	C	84	15	0	0	100	SPACE

3 PANEL UPS-T5
E401 SCALE: N.T.S.

PANEL NAME: PT2
LOCATION: SECOND FLOOR
FED FROM: PANEL PPT1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 225
MAIN BREAKER [A]: 200
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	3	B	4	15	0	0	100	WORKSTATION/DISPLAY RECEPTACLES
WORKSTATIONS	0	100	0	15	5	C	6	15	0	0	100	WORKSTATIONS
DISPLAY RECEPTACLE, BREAKOUT ROOM	0	100	0	15	7	A	8	15	0	0	100	MAINTENANCE RECEPTACLES
DISPLAY/WORKSTATION RECEPTACLE	0	100	0	15	9	B	10	15	0	0	100	WORKSTATIONS
DISPLAY RECEPTACLE	0	100	0	15	11	C	12	15	0	0	100	OFFICE ROOM RECEPTACLES
OFFICE ROOM RECEPTACLES	0	100	0	15	13	A	14	15	0	0	100	OFFICE ROOM RECEPTACLES
OFFICE ROOM RECEPTACLES	0	100	0	15	15	B	16	15	0	0	100	PLOTTER RECEPTACLE
SHREDDER RECEPTACLE	0	100	0	15	17	C	18	15	0	0	100	PRINTER RECEPTACLE
DISPLAY RECEPTACLE	0	100	0	15	19	A	20	15	0	0	100	WORKSTATION/MAINTENANCE/DISPLAY RECEPTACL
WORKSTATIONS	0	100	0	15	21	B	22	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	23	C	24	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	25	A	26	15	0	0	100	SECURE WEAPON/WORKSTATION RECEPTACLES
LUNCHROOM RECEPTACLE	0	100	0	20	27	B	28	15	0	0	100	LUNCHROOM GFI RECEPTACLE
LUNCHROOM RECEPTACLE	0	100	0	15	29	C	30	15	0	0	100	LUNCHROOM RECEPTACLE
PRINTER RECEPTACLE	0	100	0	15	31	A	32	15	0	0	100	DISPLAY RECEPTACLE
WORKSTATIONS	0	100	0	15	33	B	34	15	0	0	100	WORKSTATIONS
GANGS/INTEL ROOM RECEPTACLES	0	100	0	15	35	C	36	15	0	0	100	INSPECTOR ROOM RECEPTACLES
INSPECTOR ROOM RECEPTACLES	0	100	0	15	37	A	38	15	0	0	100	PROJECT ROOM RECEPTACLES
PROJECT ROOM RECEPTACLES	0	100	0	15	39	B	40	15	0	0	100	PROJECT ROOM RECEPTACLES
BREAKOUT ROOM RECEPTACLES	0	100	0	15	41	C	42	15	0	0	100	BREAKOUT ROOM RECEPTACLE
WORKSTATIONS	0	100	0	15	43	A	44	15	0	0	100	OFFICE ROOM RECEPTACLES
OFFICE ROOM RECEPTACLES	0	100	0	15	45	B	46	15	0	0	100	OFFICE ROOM RECEPTACLES
OFFICE ROOM RECEPTACLES	0	100	0	15	47	C	48	15	0	0	100	OFFICE ROOM RECEPTACLES
OFFICE ROOM RECEPTACLES	0	100	0	15	49	A	50	15	0	0	100	OFFICE ROOM RECEPTACLES
OFFICE ROOM RECEPTACLES	0	100	0	15	51	B	52	15	0	0	100	DISPLAY RECEPTACLE
PRINTER RECEPTACLE	0	100	0	15	53	C	54	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	55	A	56	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	57	B	58	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	59	C	60	20	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	61	A	62	15	0	0	100	WORKSTATIONS
BOARD ROOM RECEPTACLES	0	100	0	15	63	B	64	15	0	0	100	BOARD ROOM RECEPTACLES
BOARD ROOM RECEPTACLES	0	100	0	15	65	C	66	15	0	0	100	PROJECT ROOM RECEPTACLES
PROJECT ROOM RECEPTACLES	0	100	0	15	67	A	68	15	0	0	100	PROJECT ROOM RECEPTACLES
PROJECT ROOM RECEPTACLES	0	100	0	20	69	B	70	15	0	0	100	PROJECT ROOM RECEPTACLES
PROJECT ROOM RECEPTACLES	0	100	0	15	71	C	72	15	0	0	100	KITCHEN RECEPTACLES
KITCHEN GFI RECEPTACLE	0	100	0	15	73	A	74	15	0	0	100	GFI RECEPTACLE KITCHEN
WORKSTATIONS	0	100	0	15	75	B	76	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	77	C	78	15	0	0	100	ADO
ADO	0	100	0	15	79	A	80	15	0	0	100	WORKSTATIONS
FLOORBOX RECEPTACLES PROJECT ROOM	0	100	0	15	81	B	82	15	0	0	100	FLOORBOX RECEPTACLES PROJECT ROOM
FLOORBOX RECEPTACLES PROJECT ROOM	0	100	0	15	83	C	84	15	0	0	100	FLOORBOX RECEPTACLES PROJECT ROOM

2 PANEL PT2
E401 SCALE: N.T.S.

PANEL NAME: PT1
LOCATION: ELEC ROOM 3078 - THIRD FLOOR
FED FROM: PANEL PPT1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 100
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
DISPLAYS	0	100	0	15	7	A	8	15	0	0	100	RECEPTACLES WR 3084/30863083
WR 3083	0	100	0	15	9	B	10	15	0	0	100	WR 3083/3084/3086
WORKSTATIONS	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	15	13	A	14	15	0	0	100	HAND DRYER
WORKSTATIONS	0	100	0	15	15	B	16	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	17	C	18	15	0	0	100	ADO
FLOORBOX, LARGE BOARDROOM	0	100	0	15	19	A	20	15	0	0	100	BOARD ROOM RECEPTACLES
FLOORBOX, LARGE BOARDROOM	0	100	0	15	21	B	22	15	0	0	100	BOARD ROOM RECEPTACLES
ADO	0	100	0	15	23	C	24	15	0	0	100	SUPERINTENDANT OFFICE RECEPTACLES
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	15	27	B	28	15	0	0	100	WORKSTATIONS
PRINTER RECEPTACLE	0	100	0	15	29	C	30	15	0	0	100	SHREDDER RECEPTACLE
RECEPTACLES	0	100	0	15	31	A	32	15	0	0	100	WR 3083
WR 3086	0	100	0	15	33	B	34	15	0	0	100	WR ADO
WR ADO	0	100	0	15	35	C	36	15	0	0	100	BOARD ROOM FLOORBOX RECEPTACLES
WR 3091/3093	0	100	0	15	37	A	38	15	0	0	100	WR 3091/3093
RECEPTACLES, LARGE BOARDROOM	0	100	0	15	39	B	40	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	41	C	42	15	0	0	100	WORKSTATIONS

1 PANEL PT1
E401 SCALE: N.T.S.

PANEL NAME: PS3
LOCATION: ELEC ROOM 2104 - SECOND FLOOR
FED FROM: PANEL PPS-2

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 225
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
TOILETS, WR 2126	0	100	0	15	3	B	4					
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16					
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	41	C	42	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46					
EXISTING LOAD	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	51	B	52	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	53	C	54	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	55	A	56	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	57	B	58	15	0	0	100	EXISTING LOAD
SINKS/URINALS, WR 2126	0	100	0	15	59	C	60	15	0	0	100	GFI RECEPTACLES, WR 2125/2126
EXISTING LOAD	0	100	0	15	61	A	62	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	63	B	64	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	65	C	66	15	0	0	100	EXISTING LOAD
TOILETS/SINKS, WR 2125	0	100	0	15	67	A	68	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	15	69	B	70	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	71	C	72	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	20	73	A	74	15	0	0	100	EXISTING LOAD
WR ADO	0	100	0	20	75	B	76	15	0	0	100	EXISTING LOAD
WR ADO	0	100	0	20	77	C	78	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	20	79	A	80	15	0	0	100	EXISTING LOAD
					81	B	82	15	0	0	100	SPARE
SPACE					83	C	84	15	0	0	100	EXISTING LOAD

6 PANEL PS3
E401 SCALE: N.T.S.

PANEL NAME: UPS-S4
LOCATION: ELECTRICAL CLOSET 2041
FED FROM: PANEL UPS-PP4

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 100
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
WORKSTATIONS	0	100	0	15	1	A	2	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	UPS RECEPTACLE, OFFICE 2-02
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	21	B	22	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	27	B	28	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	29	C	30					
EXISTING LOAD	0	100	0	15	31	A	32					
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	41	C	42	15	0	0	100	SPARE

5 PANEL UPS-S4
E401 SCALE: N.T.S.

PANEL NAME: UPS-T4
LOCATION: ELEC ROOM 3078 - THIRD FLOOR
FED FROM: PANEL UPS-PP5

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 100
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6					
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	11	C	12	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	20	13	A	14	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	20	15	B	16	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	21	B	22	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	20	29	C	30	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	31	A	32	15	0	0	100	EXISTING LOAD
					33	B	34	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	35	C	36					
					37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	39	B	40					
					41	C	42	15	0	0	100	EXISTING LOAD

4 PANEL UPS-T4
E401 SCALE: N.T.S.

PANEL NAME: UPS-G5
LOCATION: ELECTRICAL CLOSET 1011
FED FROM: PANEL PPG-1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 100
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	15	B	16	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	17	C	18	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	27	B	28	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	29	C	30	15	0	0	100	WORKSTATIONS
SPARE	0	100	0	15	31	A	32	15	0	0	100	SPARE
SPARE	0	100	0	15	33	B	34	15	0	0	100	SPARE
SPARE	0	100	0	15	35	C	36	15	0	0	100	SPARE
SPARE	0	100	0	15	37	A	38	15	0	0	100	SPARE
SPARE	0	100	0	15	39	B	40	15				
SPARE	0	100	0	15	41	C	42	15				

9 PANEL UPS-G5
E401 SCALE: N.T.S.

PANEL NAME: PG5
LOCATION: ELECTRICAL ROOM 1091
FED FROM: PPG-2

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 225
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	21	B	22	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	41	C	42	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
RECEPTACLES, G-02	0	100	0	15	51	B	52	15	0	0	100	EXISTING LOAD
RECEPTACLES, G-03	0	100	0	15	53	C	54	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	55	A	56	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	57	B	58	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	59	C	60	15	0	0	100	EXISTING LOAD
RECEPTACLES, G-04	0	100	0	15	61	A	62	15	0	0	100	FRIDGE RECEPTACLE, KITCHENETTE G-06
GFI RECEPTACLES, KITCHNETTE G-06	0	100	0	15	63	B	64	15	0	0	100	GFI RECEPTACLES, KITCHNETTE G-06
PRINTER RECEPTACLE	0	100	0	15	65	C	66	15	0	0	100	RECEPTACLES
DISPLAY RECEPTACLES	0	100	0	15	67	A	68	15	0	0	100	DISPLAY RECEPTACLES
RECEPTACLES, BREAKOUT ROOMS	0	100	0	15	69	B	70	15	0	0	100	RECEPTACLES, BREAKOUT ROOMS
RECEPTACLES, BREAKOUT ROOMS	0	100	0	15	71	C	72	15	0	0	100	RECEPTACLES, BREAKOUT ROOMS
RECEPTACLES, BREAKOUT ROOMS	0	100	0	15	73	A	74	15	0	0	100	RECEPTACLES, BREAKOUT ROOMS
SPARE	0	100	0	15	75	B	76	15	0	0	100	ADO
SPARE	0	100	0	15	77	C	78	15	0	0	100	SPARE
SPARE	0	100	0	15	79	A	80	15	0	0	100	SPARE
SPARE	0	100	0	15	81	B	82	15	0	0	100	SPARE
SPARE	0	100	0	15	83	C	84	15	0	0	100	SPARE

8 PANEL PG5
E401 SCALE: N.T.S.

PANEL NAME: PS4
LOCATION: ELECTRICAL CLOSET 2041 - SECOND FLOOR
FED FROM: PANEL PPS-2

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A] 225
MAIN BREAKER [A]:
I.C. [kA]

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	PRINTER RECEPTACLE
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	WORKSTATIONS
					21	B	22	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	23	C	24	15	0	0	100	RECEPTACLES, OFFICE 2-02
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	WORKSTATIONS
WORKSTATIONS	0	100	0	15	29	C	30	15	0	0	100	WORKSTATIONS
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD
WORKSTATIONS	0	100	0	15	33	B	34	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	41	C	42	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
					45	B	46					
WORKSTATIONS	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	51	B	52	15	0	0	100	SPARE
DISPLAYS	0	100	0	15	53	C	54	15	0	0	100	SPARE
SPARE	0	100	0	15	55	A	56	15	0	0	100	SPARE
SPARE	0	100	0	15	57	B	58	15	0	0	100	SPARE
SPARE	0	100	0	15	59	C	60	15	0	0	100	SPARE
SPARE	0	100	0	15	61	A	62	15	0	0	100	SPARE
SPARE					63	B	64	15	0	0	100	SPARE
SPARE	0	100	0	15	65	C	66	15	0	0	100	SPARE
SPARE	0	100	0	15	67	A	68	15	0	0	100	SPARE
SPARE	0	100	0	15	69	B	70	20	0	0	100	SPARE
SPARE	0	100	0	15	71	C	72					
SPARE	0	100	0	15	73	A	74					
SPARE	0	100	0	20	75	B	76	15	0	0	100	SPARE
SPARE	0	100	0	15	77	C	78					
SPARE	0	100	0	30	79	A	80					
					81	B	82	20	0	0	100	SPARE
					83	C	84	20	0	0	100	SPARE

7 PANEL PS4
E401 SCALE: N.T.S.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and ommisions to the architect and the design professional whose seal is affixed to this drawing. Do not scale the drawings.

This drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PANEL SCHEDULES

SHEET NO. E401
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE

PANEL NAME: PB-3
LOCATION: ELEC CLOSET B0097 - BASEMENT FLOOR
FED FROM: PANEL PPB-1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A]: 225
MAIN BREAKER [A]:
I.C. [kA]:

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]:
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
TOILETS, WR B0131	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
SINKS, WR B0131	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
GFI RECEPTACLES, WR B0131	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	15	9	B	10	15	0	0	100	HAND DRYER
HAND DRYER	0	100	0	15	11	C	12	15	0	0	100	HAND DRYER
SPARE	0	100	0	15	13	A	14	15	0	0	100	SPARE
SPARE	0	100	0	15	15	B	16	15	0	0	100	SPARE
SPARE	0	100	0	15	17	C	18	15	0	0	100	SPARE
SPARE	0	100	0	15	19	A	20	15	0	0	100	SPARE
SPARE	0	100	0	15	21	B	22	15	0	0	100	SPARE
SPARE	0	100	0	15	23	C	24	15	0	0	100	SPARE
SPARE	0	100	0	15	25	A	26	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	33	B	34	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	39	B	40					
EXISTING LOAD	0	100	0	20	41	C	42					
TOILETS, WR B0139	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46	15	0	0	100	EXISTING LOAD
GFI RECEPTACLES, WR B0131/B0139	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	51	B	52	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	53	C	54	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	55	A	56	15	0	0	100	GFI RECEPTACLES, WR B0104/B0107
EXISTING LOAD	0	100	0	15	57	B	58	15	0	0	100	TOILETS, WR B0104/B0107
TOILETS AND SINKS, WR B0104/B0107	0	100	0	15	59	C	60	15	0	0	100	SINKS, WR B0104
EXISTING LOAD	0	100	0	15	61	A	62	15	0	0	100	URINALS, WR B0139
EXISTING LOAD	0	100	0	15	63	B	64	15	0	0	100	SINKS, WR B0139
EXISTING LOAD	0	100	0	15	65	C	66	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	67	A	68	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	69	B	70	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	71	C	72		0	0	100	SPACE
SPARE	0	100	0	15	73	A	74		0	0	100	SPACE
SPARE	0	100	0	15	75	B	76		0	0	100	SPACE
SPARE	0	100	0	15	77	C	78		0	0	100	SPACE
SPARE	0	100	0	15	79	A	80		0	0	100	SPACE
SPARE	0	100	0	15	81	B	82		0	0	100	SPACE
SPARE	0	100	0	15	83	C	84		0	0	100	SPACE

3 / E402 PANEL PB3
SCALE: N.T.S.

PANEL NAME: PT3
LOCATION: SECOND FLOOR
FED FROM: PANEL PPT2

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A]: 225
MAIN BREAKER [A]:
I.C. [kA]:

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]:
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	27	B	28	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	GFI RECEPTACLES
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	GFI RECEPTACLE
EXISTING LOAD	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	EXISTING LOAD
WR ADO	0	100	0	15	41	C	42	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
WR 3090	0	100	0	15	45	B	46	15	0	0	100	WR 3093
WR ADO	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	15	49	A	50	15	0	0	100	SPARE
HAND DRYER	0	100	0	15	51	B	52	15	0	0	100	SPARE
HAND DRYER	0	100	0	15	53	C	54	15	0	0	100	SPARE
SPARE	0	100	0	15	55	A	56	15	0	0	100	SPARE
SPARE	0	100	0	15	57	B	58	15	0	0	100	SPARE
SPARE	0	100	0	15	59	C	60	20	0	0	100	SPARE
SPARE	0	100	0	15	61	A	62	15	0	0	100	SPARE
SPARE	0	100	0	15	63	B	64	15	0	0	100	SPARE
SPARE	0	100	0	15	65	C	66	15	0	0	100	SPARE
SPARE	0	100	0	15	67	A	68	15	0	0	100	SPARE
SPARE	0	100	0	20	69	B	70	15	0	0	100	SPARE
SPARE	0	100	0	15	71	C	72	15	0	0	100	SPARE
SPARE	0	100	0	15	73	A	74	15	0	0	100	SPARE
SPARE	0	100	0	15	75	B	76	15	0	0	100	SPARE
SPARE	0	100	0	15	77	C	78	15	0	0	100	SPARE
SPACE					79	A	80					SPACE
SPACE					81	B	82					SPACE
SPACE					83	C	84					SPACE

2 / E402 PANEL PT3
SCALE: N.T.S.

PANEL NAME: PG-1
LOCATION: ELEC ROOM 1185 - FIRST FLOOR
FED FROM: PANEL PPG-1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A]: 225
MAIN BREAKER [A]:
I.C. [kA]:

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]:
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
SINKS, WR 1138	0	100	0	15	13	A	14	15	0	0	100	TOILETS, WR 1138
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	TOILETS, WR 1137
GFI RECEPTACLES, WR 1137/1138	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	RECEPTACLES, G-19 TREATMENT ROOM
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	RECEPTACLES, G-18 HEALTH ROOM
SINKS, WR 1137	0	100	0	15	29	C	30	15	0	0	100	EXISTING LOAD
RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD
RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	33	B	34	15	0	0	100	RECEPTACLES, G-16 FITNESS UNIT
RECEPTACLES, G-17 BREAKOUT ROOM	0	100	0	15	35	C	36	15	0	0	100	RECEPTACLES, G-15/G-16
RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	37	A	38	15	0	0	100	GFI RECEPTACLES, KITCHENETTE 1096
GFI RECEPTACLES, KITCHENETTE 1096	0	100	0	15	39	B	40	15	0	0	100	GFI RECEPTACLES, LUNCH ROOM 1095
RECEPTACLES, KITCHENETTE 1096	0	100	0	15	41	C	42	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	RECEPTACLES, LUNCH ROOM 1095
DISPLAY RECEPTACLES, LUNCH ROOM 1095	0	100	0	15	45	B	46	15	0	0	100	RECEPTACLES, LUNCH ROOM 1095
FRIDGE RECEPTACLE, LUNCH ROOM 1095	0	100	0	15	47	C	48	15	0	0	100	FRIDGE RECEPTACLE, LUNCH ROOM 1095
WR ADO	0	100	0	15	49	A	50	15	0	0	100	HAND DRYER
WR ADO	0	100	0	15	51	B	52	15	0	0	100	HAND DRYER
WR ADO	0	100	0	15	53	C	54	15	0	0	100	HAND DRYER
SPARE	0	100	0	15	55	A	56	15	0	0	100	HAND DRYER
SPARE	0	100	0	15	57	B	58	15	0	0	100	SPARE
SPARE	0	100	0	15	59	C	60	15	0	0	100	SPARE
SPARE	0	100	0	15	61	A	62	15	0	0	100	SPARE
SPARE	0	100	0	15	63	B	64	15	0	0	100	SPARE
SPARE	0	100	0	15	65	C	66	15	0	0	100	SPARE
SPARE	0	100	0	15	67	A	68	15	0	0	100	SPARE
SPARE	0	100	0	15	69	B	70	15	0	0	100	SPARE
SPARE	0	100	0	15	71	C	72	15	0	0	100	SPARE
SPARE	0	100	0	15	73	A	74	15	0	0	100	SPARE
SPARE	0	100	0	40	75	B	76	20	0	0	100	SPARE
					77	C	78					
					79	A	80					
SPARE	0	100	0	15	81	B	82	20	0	0	100	SPARE
					83	C	84					

1 / E402 PANEL PG1
SCALE: N.T.S.

PANEL NAME: PG2
LOCATION: ELECTRICAL CLOSET 1178
FED FROM: PANEL PPG-1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A]: 225
MAIN BREAKER [A]:
I.C. [kA]:

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]:
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	20	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0	0	100	RECEPTACLES, G-22/G-23/G-24
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	11	C	12	15	0	0	100	RECEPTACLES, G-22/G-23/G-24
EXISTING LOAD	0	100	0	20	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	EXISTING LOAD
RECPTACLES, G-20	0	100	0	15	17	C	18	15	0	0	100	RECEPTACLES, G-22a
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0	0	100	SPARE
RECPTACLES, G-20	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
RECPTACLES, G-20	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	29	C	30					
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40					
SPARE	0	100	0	15	41	C	42	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46					
SPARE	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	49	A	50					
SPARE	0	100	0	15	51	B	52	15	0	0	100	SPARE
SPARE	0	100	0	15	53	C	54	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	55	A	56	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	57	B	58	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	59	C	60	15	0	0	100	SPARE
SPARE	0	100	0	15	61	A	62	15	0	0	100	SPARE
SPARE	0	100	0	15	63	B	64	15	0	0	100	SPARE
SPARE	0	100	0	15	65	C	66	15	0	0	100	SPARE
SPARE	0	100	0	15	67	A	68	15	0	0	100	SPARE
SPARE	0	100	0	15	69	B	70	15	0	0	100	SPARE
SPARE	0	100	0	15	71	C	72	15	0	0	100	SPARE
SPARE	0	100	0	15	73	A	74	15	0	0	100	SPARE
SPARE	0	100	0	15	75	B	76	15	0	0	100	SPARE
SPARE	0	100	0	15	77	C	79	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	79	A	80	15	0	0	100	EXISTING LOAD
					81	B	82					
					83	C	84					

6 / E402 PANEL PG2
SCALE: N.T.S.

PANEL NAME: UPS-G1
LOCATION: ELECTRICAL CLOSET 1185
FED FROM: PANEL UPS-PP1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A]: 100
MAIN BREAKER [A]:
I.C. [kA]:

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]:
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
UPS RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
UPS RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	15	B	16					
					17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	19	A	20					
					21	B	22	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	23	C	24					
					25	A	26	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28					
					29	C	30	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD
UPS RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	33	B	34	15	0	0	100	SPARE
UPS RECEPTACLES, G-16 FITNESS UNIT	0	100	0	15	35	C	36	15	0	0	100	SPARE
SPARE	0	100	0	15	37	A	38	15	0	0	100	SPARE
SPARE	0	100	0	15	39	B	40	15	0	0	100	SPARE
SPARE	0	100	0	15	41	C	42	15	0	0	100	SPARE

5 / E402 PANEL UPS-G1
SCALE: N.T.S.

PANEL NAME: UPS-G2
LOCATION: ELECTRICAL CLOSET 1178
FED FROM: PANEL UPS-PP1

PHASE VOLTAGE [V]: 120
LINE VOLTAGE [V]: 208
PHASE: 3
WIRE: 4
MAINS [A]: 100
MAIN BREAKER [A]:
I.C. [kA]:

LOAD A [KW]:
LOAD B [KW]:
LOAD C [KW]:
TOTAL [KW]:
CURRENT A [A]:
CURRENT B [A]:
CURRENT C [A]:

DESCRIPTION	CONN. LOAD[W]	D.F [%]	DEMAND LOAD	BKR [A]	CCT NO.	ø	CCT NO.	BKR [A]	DEMAND LOAD[W]	CONN. LOAD[W]	D.F [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	UPS RECEPTACLES, G-20
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
UPS RECEPTACLES, G-22a	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
UPS RECEPTACLES, G-22	0	100	0	15	13	A	14	15	0	0	100	UPS RECEPTACLES, G-20
UPS RECEPTACLES, G-20	0	100	0	15	15	B	16	15	0	0	100	UPS RECEPTACLES, G-20
SPARE	0	100	0	15	17	C	18	15	0	0	100	SPARE
SPARE	0	100	0	15	19	A	20	15	0	0	100	SPARE
SPARE	0	100	0	15	21	B	22	15	0	0	100	EXISTING LOAD
SPARE	0	100	0	15	23	C	24	15	0	0	100	SPARE
SPARE	0	100	0	15	25	A	26	15	0	0	100	SPARE
SPARE	0	100	0	15	27	B	28	15	0	0	100	SPARE
SPARE	0	100	0	15	29	C	30	15	0	0	100	SPARE
SPARE	0	100	0	15	31	A	32	15	0	0	100	SPARE
SPARE	0	100	0	15	33	B	34	15	0	0	100	SPARE
SPARE	0	100	0	15	35	C	36	15	0	0	100	SPARE
SPARE	0	100	0	15	37	A	38	15	0	0	100	SPARE
SPARE	0	100	0	15	39	B	40	15	0	0	100	SPARE
SPARE	0	100	0	15	41	C	42	15	0	0	100	SPARE

4 / E402 PANEL UPS-G2
SCALE: N.T.S.

NO.	DESCRIPTION	DATE
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24

REVISIONS

PROJECT

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NGA ARCHITECTS

The contractor shall check and verify all dimensions and report all errors and omissions to the architect and the design professional before commencing work or making shop drawings.

The drawing shall not be used for construction purposes until issued for construction by the design professional whose seal is affixed to this drawing and whose signature is below.

ISSUED FOR CONSTRUCTION DATE

NORTH

STRUCTURAL CONSULTANT
Stephenson Engineering
MECHANICAL CONSULTANT
EXP Services Inc.
ELECTRICAL CONSULTANT
EXP Services Inc.

SHEET TITLE
PANEL SCHEDULES

SHEET NO. E402
DRAWN BY SS/LL
CHECKED KE
PROJECT NO. MRK-25008951-A0
SCALE