



DURHAM CATHOLIC DISTRICT SCHOOL BOARD

ST. KATERI TEKAKWITHA C.E.S. ADDITION

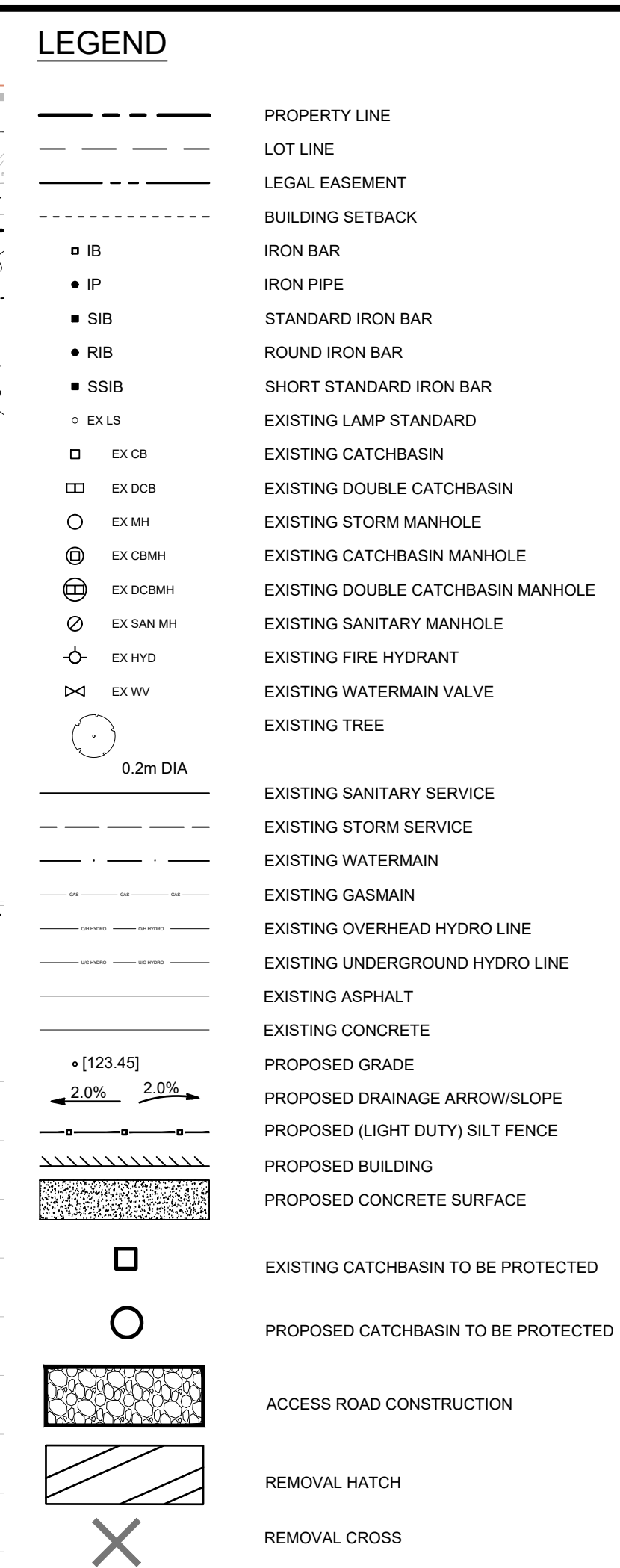
1425 Coldstream Drive, Oshawa, ON L1K 0J6

WalterFedy Project No.: 2023-0753-10

ISSUED FOR BID 2025.05.09

DRAWING LIST

CIVIL	
C1-1	EXISTING BASE AND REMOVALS PLAN
C2-1	PROPOSED GRADING PLAN
C3-1	SERVICING PLAN
C4-1	EROSION AND SEDIMENT CONTROL PLAN
C5-1	DETAILS AND NOTES PLAN
ARCHITECTURAL	
A101	ARCHITECTURAL SITE PLAN
A102	ONTARIO BUILDING CODE ANALYSIS PLAN - GROUND FLOOR
A103	ONTARIO BUILDING CODE ANALYSIS PLAN - SECOND FLOOR
A104	TYPICAL DETAILS
A105	TYPICAL DETAILS
A106	GROUND FLOOR PARTIAL DEMO PLAN
A107	SECOND FLOOR PARTIAL DEMO PLAN
A201	PARTIAL GROUND FLOOR PLAN
A202	PARTIAL SECOND FLOOR PLAN
A203	PARTIAL GROUND FLOOR - REFLECTED CEILING PLAN
A204	PARTIAL SECOND FLOOR - REFLECTED CEILING PLAN
A205	PARTIAL GROUND FLOOR FINISHES AND MILLWORK PLAN
A206	PARTIAL SECOND FLOOR FINISHES AND MILLWORK PLAN
A207	ROOF PLAN AND DETAILS
A301	EXTERIOR ELEVATIONS
A302	EXTERIOR ELEVATIONS AND BUILDING SECTION
A401	STAIR PLANS, SECTION AND DETAILS
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A502	WALL SECTIONS AND SECTION DETAILS
A503	WALL SECTION, SECTION DETAILS AND PLAN DETAILS
A601	PLAN DETAILS
A801	INTERIOR ELEVATIONS AND MILLWORK SECTIONS
A802	ENLARGED WASHROOM PLANS AND ELEVATIONS
A901	DOOR AND WINDOW SCHEDULE
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S502	SECTIONS AND DETAILS
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M001	LEGEND, SCHEDULES AND DRAWING LIST
MD01	PARTIAL GROUND FLOOR PLAN - DEMOLITION PLUMBING LAYOUT
MD02	PARTIAL GROUND FLOOR PLAN - DEMOLITION HVAC LAYOUT
MD03	PARTIAL ROOF PLAN - DEMOLITION MECHANICAL LAYOUT
M201	PARTIAL GROUND FLOOR PLAN - PLUMBING LAYOUT
M202	PARTIAL SECOND FLOOR PLAN - PLUMBING LAYOUT
M301	PARTIAL GROUND FLOOR PLAN - HVAC LAYOUT
M302	PARTIAL SECOND FLOOR PLAN - HVAC LAYOUT
M303	PARTIAL ROOF PLAN - MECHANICAL LAYOUT
M801	MECHANICAL DETAILS
FIRE PROTECTION	
F101	PARTIAL GROUND FLOOR PLAN - FIRE PROTECTION PLAN
F102	PARTIAL SECOND FLOOR PLAN - FIRE PROTECTION PLAN
ELECTRICAL	
E001	ELECTRICAL NOTES, LEGENDS, AND DRAWING LIST
E201	GROUND FLOOR LIGHTING, POWER AND SYSTEMS LAYOUTS
E202	LIGHTING LAYOUT
E301	POWER AND SYSTEMS LAYOUT
E801	ELECTRICAL SINGLE LINE DIAGRAM
E802	ELECTRICAL DETAILS
E901	ELECTRICAL SCHEDULES

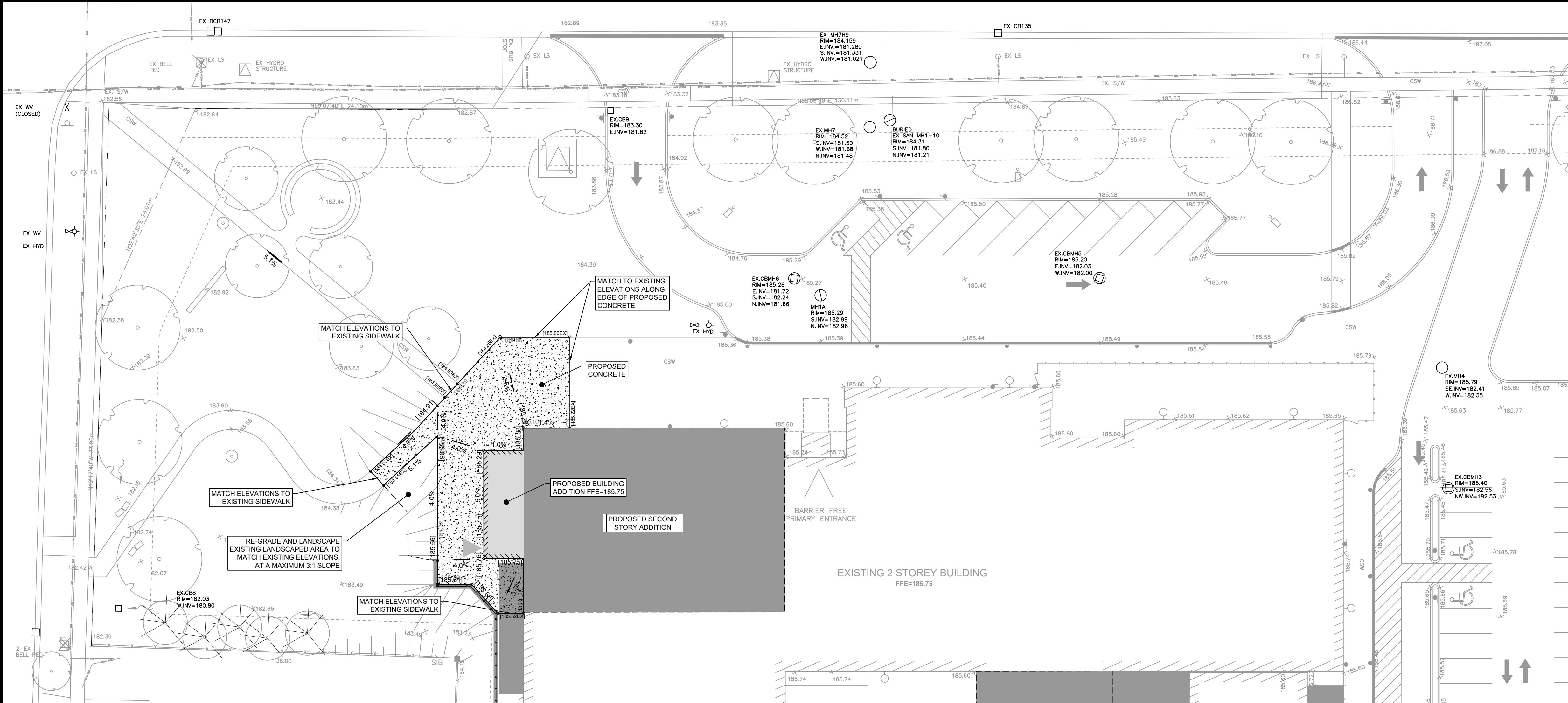


1. THIS PLAN IS NOT FOR CONSTRUCTION UNTIL STAMPED BY DESIGN ENGINEER AND APPROVED BY THE LOCAL MUNICIPALITY.
2. NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
3. THIS PLAN NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF WALTERFEDY.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - i) CHECK AND VERIFY ALL DIMENSIONS AND EXISTING ELEVATIONS WHICH INCLUDES, BUT IS NOT LIMITED TO, THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS AND EXISTING INVERTS.
 - ii) OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
5. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR DAMAGE TO EXISTING WORKS.
6. ALL UNDERGROUND SERVICES ARE TO BE CONSTRUCTED IN FULL COMPLIANCE WITH LOCAL AND PROVINCIAL APPLICABLE CODES AND REGULATIONS; WHICH CODES AND REGULATIONS SHALL SUPERCEDE ALL OTHERS.
7. FACTORY FABRICATED TEES SHALL BE USED FOR ALL SERVICE CONNECTIONS.
8. MANHOLE FRAMES AND COVERS SHALL CONFORM TO OPSS 1850 AND SHALL BE AS PER OPSS 401.01 TYPE "A".
9. CATCHBASIN AND CATCHBASIN MANHOLE FRAMES AND GRATES SHALL CONFORM TO OPSS 1851. TYPE OF FRAME AND GRATE SHALL BE AS PER OPSS 400.10.
10. PRECAST MANHOLE & CATCHBASIN ADJUSTER UNITS SHALL CONFORM TO ASTM C478 AND MANUFACTURED BY HANSON PIPE & PRODUCTS INC. OR APPROVED EQUAL.
11. WATERMANS AND FITTINGS 100mm AND LARGER AS PER REGION OF DURHAM STANDARD S-230.011 (DOMESTIC & FIRE LINE) AND SHALL BE PVC C900 CLASS 150 DR-18 INSTALLED AT A MINIMUM DEPTH OF 1.8m OF COVER.
12. WATERMAN FITTINGS WHICH CHANGE DIRECTIONS VERTICALLY OR HORIZONTALLY TO BE SUPPORTED WITH THRUST BLOCKS AS PER REGION OF DURHAM STANDARD S-200.060.
13. HYDRANT AND REQUIRED APPURTENANCES AS PER DURHAM REGION STANDARD DRAWING S-210.010.
14. STORM AND SANITARY SEWERS TO HAVE MINIMUM 1.2m COVER. ALL WATER SERVICES TO HAVE MINIMUM 1.8m COVER. WHERE COVER OVER SERVICES IS DEFICIENT, THE CONTRACTOR SHALL INSULATE THE PIPE AS PER THE ONTARIO BUILDING CODE A-7.3.5.4. FREEZE PROTECTION.
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19. CONCRETE BARRIER CURB TO BE AS PER OPSS 600.110 AND OPSS 353.
20. CONCRETE SIDEWALK TO BE AS PER OPSS 351.
21. LINE PAINTING TO BE YELLOW 33538 AS PER OPSS 710.
22. THE CONTRACTOR SHALL PROVIDE Dewatering TO KEEP ALL EXCAVATIONS STABLE AND FREE OF WATER AS PER OPSS 517. DEWATERING DISCHARGE TO BE DISPOSED IN ACCORDANCE WITH THE AUTHORITY OF JURISDICTION.
23. RETAINING WALLS TO BE DESIGNED BY OTHERS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF THE PROPOSED WALL, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER CERTIFIED IN THE PROVINCE OF ONTARIO. SHOP DRAWINGS TO BE SUPPLIED IN ADVANCE OF CONSTRUCTION.

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2. ANY DEVIATION FROM THE APPROVED PLAN WITH RESPECT TO GRADING OR STORM DRAINAGE SYSTEM SHALL NULLIFY THIS APPROVAL AND REQUIRE SUBMISSION OF A REVISED PLAN FOR APPROVAL.
3. THE OWNER MUST OBTAIN CITY OF OSHAWA APPROVAL FOR THE LOCATION OF ANY PROPOSED UTILITIES OR SERVICES WITHIN ANY CITY ROAD ALLOWANCE.
4. THE OWNER MUST OBTAIN THE APPROVAL OF THE UTILITY AUTHORITY FOR ANY PROPOSED UTILITY EXTENSION OR SERVICE CONNECTION.

1. LEGAL BOUNDARY DATA OF BLOCK 159 FROM 2013-227C BY JOHN D'AMICO DATED OCTOBER 7, 2013.
2. EXISTING TOPOGRAPHICAL INFORMATION (PRE-SITE GRADING AND RESTORING) OBTAINED FROM DONEVAN FLEISCHMANN PETRICH LTD. DATED OCTOBER 7, 2013
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5. BOREHOLE LOCATIONS AND GEOTECHNICAL INFORMATION FROM REPORT BY V.A. WOOD ASSOCIATES LIMITED DATED SEPTEMBER 2013.
6. MATCH EXISTING GRADES AT ALL PROPERTY LINES UNLESS WHERE PROPOSED GRADES ARE NOTED.
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CITY NOTES

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GRADING NOTES

- THIS PLAN IS TO BE USED FOR GRADING ONLY; ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY.
- MATCH EXISTING GRADES AT ALL PROPERTY LINES AND/OR LIMITS OF CONSTRUCTION EXCEPT WHERE PROPOSED GRADES ARE NOTED.
- MANAGEMENT OF EXCESS MATERIALS SHALL BE IN ACCORDANCE WITH OPSS 180. ENVIRONMENTALLY IMPACTED SOILS, WHERE AND WHEN ENCOUNTERED, SHALL BE MANAGED ON SITE AS REQUIRED UNTIL SUCH TIME THAT LABORATORY TESTING RESULTS HAVE CONFIRMED THE NATURE OF THE IMPACTS AND A SUITABLE DISPOSAL METHOD.
- SURPLUS MATERIAL OF ALL TYPES NOT REQUIRED FOR BACKFILL, GRADING OR LANDSCAPING SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE SITE AS DIRECTED BY THE CONSULTANT. THE COSTS OF ALL OFFSITE DISPOSAL SHALL BE BORNE BY THE CONTRACTOR UNLESS A SPECIFIC PROVISION IS MADE IN THE CONTRACT DOCUMENTS FOR PAYMENT FROM DISPOSAL OF A SPECIFIC SURPLUS MATERIAL.
- MATERIALS TO BE REMOVED SHALL BE NEATLY SAW-CUT ALONG ITS LIMITS. IN ADVANCE OF THE REMOVAL, THE LIMITS OF REMOVAL SHALL BE AS NOTED ON THE PLANS UNLESS AN EXCAVATION OR REDUCTION OF THE MATERIAL TO BE REMOVED IS APPROVED IN ADVANCE BY THE CONSULTANT. AS SUCH, THE COSTS OF ANY OVER-EXCAVATION NOT APPROVED IN ADVANCE SHALL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY SHALL ALSO EXTEND TO RESTORATION OR REPLACEMENT OF DISTURBED FEATURES AND SURFACES DUE TO UNAUTHORIZED EXCAVATION.
- ALL FILL PLACED ON SITE SHALL BE COMPACTED TO A MINIMUM 95% SPMD (UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER OR ON THE DRAWINGS AND IN THE SPECIFICATIONS). ALL MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING 300mm LIFTS EXCEPT WHERE UNDER PAVING, AND WALKS WHEN LAYERS SHALL BE 150mm MAX.
- MAXIMUM SLOPE IN GRASSED AREAS TO BE 3:1. SLOPES GREATER THAN 3:1 TO BE LANDSCAPED WITH LOW MAINTENANCE GROUND COVER. MINIMUM SLOPE IN GRASSED AREAS TO BE 1%. GRASS SWALES WITH A SLOPE LESS THAN 1% TO BE UNDERLAIN WITH A FRENCH DRAIN.
- FINISH GRADE AT FOUNDATION WALLS TO BE MINIMUM 150mm BELOW THE TOP OF FOUNDATION WALL/BRICK LINE UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS.
- CONTRACTOR TO PROVIDE POSITIVE DRAINAGE ON ALL SURFACES TO THE APPROPRIATE OUTLET STRUCTURE. AREAS OF PONDING CAUSED BY CONSTRUCTION ERROR WILL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONSULTANT AT THE CONTRACTORS EXPENSE.
- SHOULD THE NATURE OF THE SOIL AT THE DEPTH INDICATED PROVE UNSATISFACTORY AS DETERMINED BY THE GEOTECHNICAL ENGINEER, THE EXCAVATION SHALL BE CARRIED DOWN TO SUCH A DEEPER LEVEL AS THE GEOTECHNICAL ENGINEER MAY REQUIRE UNTIL A SATISFACTORY BEARING STRATUM IS REACHED.
- 10.1. ALL EXTRA DEPTHS OF EXCAVATION AND FILLING MUST HAVE THEIR AREA AND VOLUME DOCUMENTED BY AN INDEPENDENT INSPECTION AND TESTING COMPANY OR THE CONSULTANT FOR PAYMENT.
- 10.2. QUANTITIES USED FOR PAYMENT OF EXCAVATION AND FILLING AT EXTRA DEPTHS TO BE DETERMINED BY THE CONSULTANT.

GENERAL NOTES

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CONSTRUCTION NOTES

CONCRETE

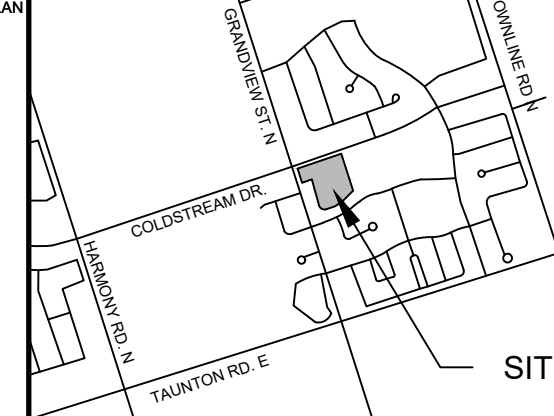
- EXISTING SIDEWALK ON THE RIGHT OF WAY IS NOT TO BE REMOVED UNTIL THE CONTRACTOR IS READY TO REPLACE SIDEWALKS.
- CONCRETE SIDEWALK WITHIN THE **RIGHT OF WAY** SHALL BE AS PER **OPSPD 310.010 AND 310.030**
- CONCRETE SIDEWALK TO BE AS PER DETAIL ON SHEET **05-1** 32MPa @ 28 DAYS CONCRETE TO OPSS 351, 7±1.5% AIR ENTRAINMENT, 19mm MAX COURSE AGGREGATE, 70±20mm SLUMP.
- UNSHRINKABLE FILL TO OPSS 1359, 28-DAY COMPRESSIVE STRENGTH: 0.4 - 0.7 MPa, MAXIMUM 25mm COURSE AGGREGATE SIZE.
- SUBMIT ONE COPY OF ALL PROPOSED CONCRETE MIX DESIGNS DIRECTLY TO THE CONSULTANT A MINIMUM OF TWO WEEKS IN ADVANCE OF SCHEDULED CONCRETE POURING.

LEGEND

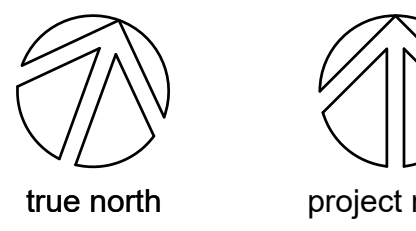
- PROPERTY LINE
- LOT LINE
- LEGAL EASEMENT
- BUILDING SETBACK
- IRON BAR
- IRON PIPE
- STANDARD IRON BAR
- ROUND IRON BAR
- SHORT STANDARD IRON BAR
- EXISTING LAMP STANDARD
- EXISTING CATCHBASIN
- EXISTING DOUBLE CATCHBASIN
- EXISTING STORM MANHOLE
- EXISTING CATCHBASIN MANHOLE
- EXISTING DOUBLE CATCHBASIN MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATERMAIN VALVE
- EXISTING TREE
- EXISTING SANITARY SERVICE
- EXISTING STORM SERVICE
- EXISTING WATERMAIN
- EXISTING GASMAIN
- EXISTING OVERHEAD HYDRO LINE
- EXISTING UNDERGROUND HYDRO LINE
- EXISTING ASPHALT
- EXISTING CONCRETE
- PROPOSED GRADE
- PROPOSED DRAINAGE ARROW/SLOPE
- PROPOSED (LIGHT DUTY) SILT FENCE
- PROPOSED BUILDING
- PROPOSED CONCRETE SURFACE
- EXISTING CATCHBASIN TO BE PROTECTED
- PROPOSED CATCHBASIN TO BE PROTECTED
- ACCESS ROAD CONSTRUCTION



DURHAM CATHOLIC DISTRICT SCHOOL BOARD



KEY PLAN



true north project north

DATE	ISSUANCE	NO.
2024.10.09	ISSUED FOR SPA AMMENDMENT	1
2024.11.11	ISSUED FOR 100% OWNER REVIEW	2
2024.12.04	RE-ISSUED FOR SPA	3
2025.01.31	RE-ISSUED FOR OWNER REVIEW	4
2025.01.31	RE-ISSUED FOR SPA	5
2025.03.10	RE-ISSUED FOR BUILDING PERMIT	6
2025.05.09	ISSUED FOR BID	7

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road W Oshawa, ON


PROJECT

ST. KATERI TEKAKWITHA SECOND STOREY ADDITION

1425 Coldstream Drive Oshawa, ON

TITLE


PROPOSED GRADING PLAN



WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com



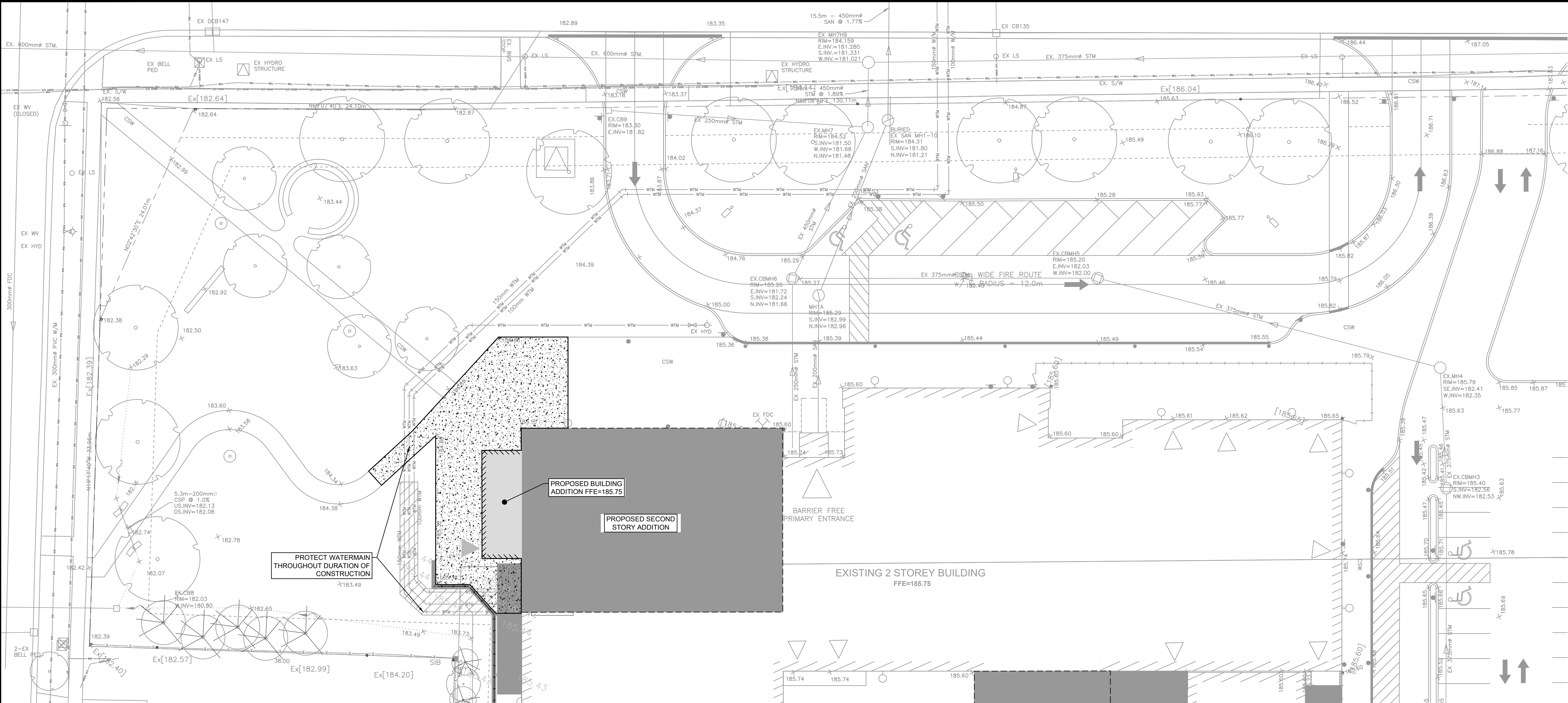
09-05-2025

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SCALE	1:250	SHEET NO.:
DATE	2025-03-10	C2-1
PROJECT NO.:	2023-0753-10	
DRAWN BY:	TG	
CHECKED BY:	MO	

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2. ANY DEVIATION FROM THE APPROVED PLAN WITH RESPECT TO GRADING OR STORM DRAINAGE SYSTEM SHALL NULLIFY THIS APPROVAL AND REQUIRE SUBMISSION OF A REVISED PLAN FOR APPROVAL.
3. THE OWNER MUST OBTAIN CITY OF OSHAWA APPROVAL FOR THE LOCATION OF ANY PROPOSED UTILITIES OR SERVICES WITHIN ANY CITY ROAD ALLOWANCE.
4. THE OWNER MUST OBTAIN THE APPROVAL OF THE UTILITY AUTHORITY FOR ANY PROPOSED UTILITY EXTENSION OR SERVICE CONNECTION.

GENERAL SERVICING

1. THIS PLAN IS TO BE USED FOR SERVICING ONLY; ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY.
2. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE REGULATIONS SET OUT BY THE MUNICIPALITY HAVING JURISDICTION.
3. RIGID PIPE BEDDING: CLASS "B" AS PER OPSPD 802.030 (EARTH EXCAVATION, TYPE 1 OR 2 SOIL), OPSPD 802.031 (EARTH EXCAVATION, TYPE 3 SOIL), OPSPD 802.032 (EARTH EXCAVATION, TYPE 4 SOIL).
4. FLEXIBLE PIPE BEDDING: AS PER OPSPD 802.010 (EARTH).
5. GRANULAR FILL SHALL BE DEPOSITED IN THE TRENCH, FOR THE FULL WIDTH OF THE TRENCH, COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY IN LAYERS NOT OVER 300mm DEPTH, EXCEPT WHERE UNDER PAVING, AND WALKS WHEN LAYERS SHALL BE 150mm MAX.
6. SITE SERVICING CONTRACTOR TO TERMINATE ALL SERVICES 1.0m FROM FOUNDATION WALL AND COORDINATE WITH THE GENERAL OR MECHANICAL CONTRACTOR AS REQUIRED TO FACILITATE THE CONNECTION.
7. WHEN BELL AND SPIGOT PIPE IS LAID, THE BELL END OF THE PIPE SHALL BE LAID UPGRADE.
8. PIPE SHALL BE KEPT CLEAN AND DRY AS WORK PROGRESSES. THE TRENCH SHALL BE KEPT DRY.
9. A REMOVABLE WATERTIGHT BULKHEAD SHALL BE INSTALLED DAILY AT THE OPEN END OF THE LAST PIPE LAID.
10. PIPE SHALL NOT BE LAID UNTIL THE PRECEDING PIPE JOINT HAS BEEN COMPLETED AND THE PIPE IS BEDDED AND SECURED IN PLACE.
11. ALL PIPE ENDS SHALL BE THOROUGHLY CLEANED PRIOR TO THE INSTALLATION OF GASKETS. ALL GASKETS TO BE LUBRICATED PRIOR TO BEING INSTALLED OR AS RECOMMENDED BY THE PIPE MANUFACTURER.
12. A TEMPORARY LOCATION MARKER 50x75mm SHALL BE PLACED AT THE END OF ALL CAPPED SERVICE CONNECTIONS, THE MARKER SHALL BE PLACED 300mm ABOVE THE PLUGGED END OF THE SERVICE PIPE, CUT AT LEAST 500mm ABOVE THE FINISHED GRADE, AND MARKED WITH BRIGHT PAINT.
13. ALL MANHOLES, BASINS, CHAMBERS ETC. TO BE INSTALLED LEVEL AND PLUMB TO THE SATISFACTION OF THE CONSULTANT.

GENERAL NOTES


1. LEGAL BOUNDARY DATA OF BLOCK 159 FROM 2013-227C BY JOHN D'AMICO DATED OCTOBER 7, 2013.
2. EXISTING TOPOGRAPHICAL INFORMATION (PRE-SITE GRADING AND SERVICING) OBTAINED FROM DONEVAN FLEISCHMANN PETRICH LTD. DATED OCTOBER 7, 2013
3. ANY AREA DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO IT'S EXISTING CONDITION OR BETTER TO THE SATISFACTION OF THE ENGINEER OR THE MUNICIPALITY. THIS INCLUDES ASPHALT, GRANULAR, PAVING STONE, TOPSOIL, SOD, ETC. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO MUNICIPAL STANDARDS.
4. LOCATIONS OF ALL UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR RESPONSIBLE FOR VERIFYING LOCATION OF SERVICES PRIOR TO CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR DAMAGE TO ANY SERVICES NOT LOCATED PRIOR TO CONSTRUCTION.
5. BOREHOLE LOCATIONS AND GEOTECHNICAL INFORMATION FROM REPORT BY V.A. WOOD ASSOCIATES LIMITED DATED SEPTEMBER 2013.
6. MATCH EXISTING GRADES AT ALL PROPERTY LINES UNLESS WHERE PROPOSED GRADES ARE NOTED.
7. ALL WORK ON THIS SITE TO BE DONE WHILE SCHOOL IS NOT BEING OCCUPIED. CONTRACTOR TO COORDINATE WITH SCHOOL BOARD PRIOR TO COMMENCEMENT OF WORK.

ED PLAN

16272-0486(LT)


LEGEND

- PROPERTY LINE
- - - LOT LINE
- - - LEGAL EASEMENT
- - - BUILDING SETBACK
- IB IRON BAR
- IP IRON PIPE
- SIB STANDARD IRON BAR
- RIB ROUND IRON BAR
- SSB SHORT STANDARD IRON BAR
- EX LS EXISTING LAMP STANDARD
- EX CB EXISTING CATCHBASIN
- EX DCB EXISTING DOUBLE CATCHBASIN
- EX MH EXISTING STORM MANHOLE
- ⊙ EX CBMH EXISTING CATCHBASIN MANHOLE
- ⊙ EX DCBMH EXISTING DOUBLE CATCHBASIN MANHOLE
- ⊙ EX SAN MH EXISTING SANITARY MANHOLE
- ⊙ EX HYD EXISTING FIRE HYDRANT
- ⊙ EX WV EXISTING WATERMAIN VALVE
- ⊙ EX T EXISTING TREE
- 0.2m DIA
- *[123.45] PROPOSED GRADE
- 2.0% 2.0% PROPOSED DRAINAGE ARROW/SLOPE
- PROPOSED (LIGHT DUTY) SILT FENCE
- PROPOSED BUILDING
- PROPOSED CONCRETE SURFACE
- EXISTING CATCHBASIN TO BE PROTECTED
- PROPOSED CATCHBASIN TO BE PROTECTED
- ACCESS ROAD CONSTRUCTION




DURHAM CATHOLIC DISTRICT SCHOOL BOARD

KEY PLAN

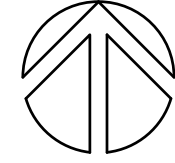


SITE

true north



project north



DATE	ISSUED FOR	ISSUANCE	NO.
2024.10.09	ISSUED FOR SPA AMMENDMENT		1
2024.11.11	ISSUED FOR 100% OWNER REVIEW		2
2024.12.04	RE-ISSUED FOR SPA		3
2025.01.31	RE-ISSUED FOR OWNER REVIEW		4
2025.01.31	RE-ISSUED FOR SPA		5
2025.03.10	RE-ISSUED FOR BUILDING PERMIT		6
2025.05.09	ISSUED FOR BID		7

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD
652 Rossland Road W Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA SECOND STOREY ADDITION
1425 Coldstream Drive Oshawa, ON


TITLE

SERVICING PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

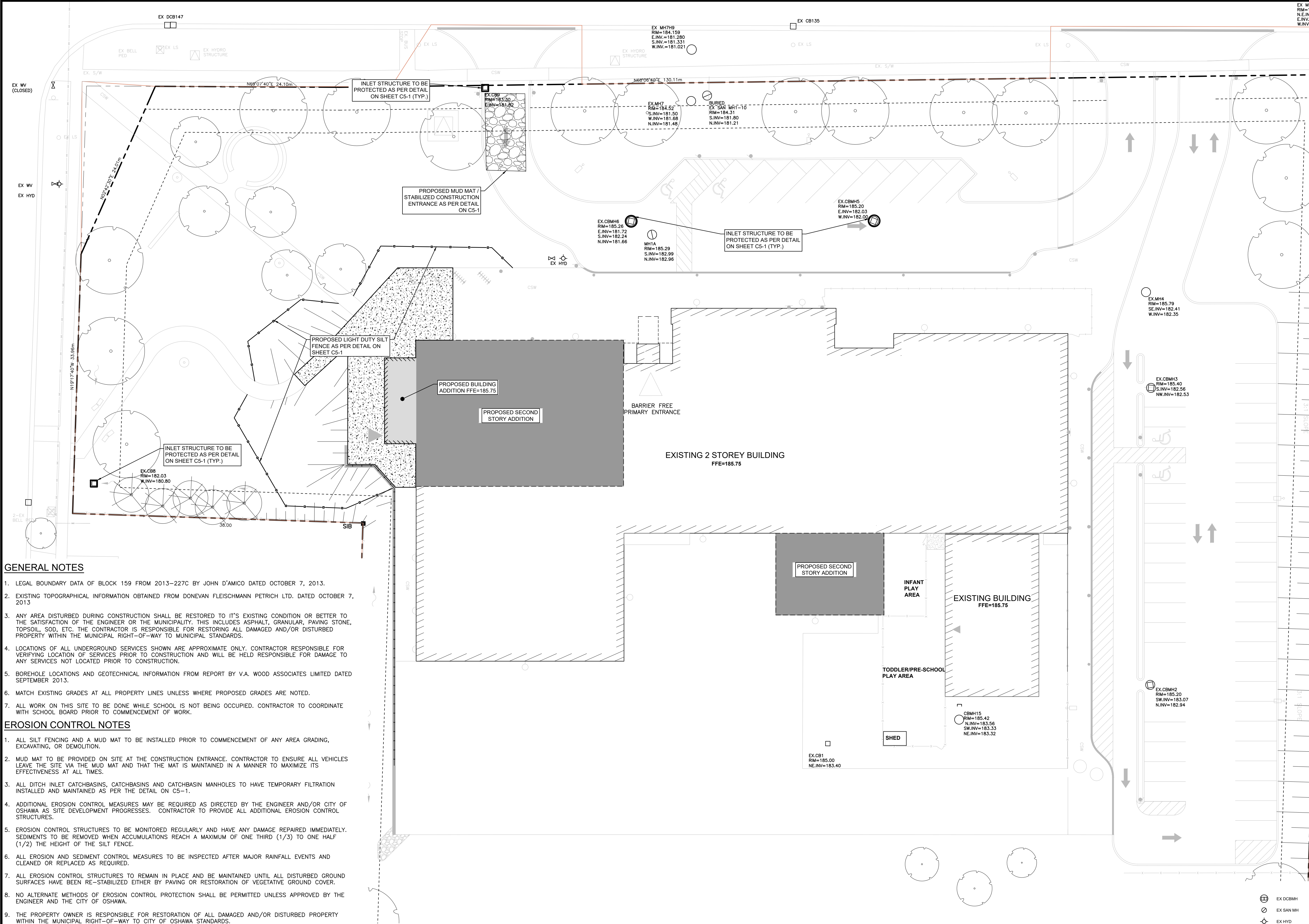
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DATE:	2025-03-10	C3-1
PROJECT NO.:	2023-0753-10	
DRAWN BY:	TG	
CHECKED BY:	MO	



GENERAL NOTES

- LEGAL BOUNDARY DATA OF BLOCK 159 FROM 2013--227C BY JOHN D'AMICO DATED OCTOBER 7, 2013.
- EXISTING TOPOGRAPHICAL INFORMATION OBTAINED FROM DONEVAN FLEISCHMANN PETRICH LTD. DATED OCTOBER 7, 2013
- ANY AREA DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO IT'S EXISTING CONDITION OR BETTER TO THE SATISFACTION OF THE MUNICIPALITY. THIS INCLUDES ASPHALT, GRANULAR, PAVING STONE, TOPSOIL, SOD, ETC. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO MUNICIPAL STANDARDS.
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- BOREHOLE LOCATIONS AND GEOTECHNICAL INFORMATION FROM REPORT BY V.A. WOOD ASSOCIATES LIMITED DATED SEPTEMBER 2013.
- MATCH EXISTING GRADES AT ALL PROPERTY LINES UNLESS WHERE PROPOSED GRADES ARE NOTED.
- ALL WORK ON THIS SITE TO BE DONE WHILE SCHOOL IS NOT BEING OCCUPIED. CONTRACTOR TO COORDINATE WITH SCHOOL BOARD PRIOR TO COMMENCEMENT OF WORK.

EROSION CONTROL NOTES

- ALL SILT FENCING AND A MUD MAT TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY AREA GRADING, EXCAVATING, OR DEMOLITION.
- MUD MAT TO BE PROVIDED ON SITE AT THE CONSTRUCTION ENTRANCE. CONTRACTOR TO ENSURE ALL VEHICLES LEAVE THE SITE VIA THE MUD MAT AND THAT THE MAT IS MAINTAINED IN A MANNER TO MAXIMIZE ITS EFFECTIVENESS AT ALL TIMES.
- ALL DITCH INLET CATCHBASINS, CATCHBASINS AND CATCHBASIN MANHOLES TO HAVE TEMPORARY FILTRATION INSTALLED AND MAINTAINED AS PER THE DETAIL ON C5-1.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER AND/OR CITY OF OSHAWA AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
- EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY AND HAVE ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF ONE THIRD (1/3) TO ONE HALF (1/2) THE HEIGHT OF THE SILT FENCE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AFTER MAJOR RAINFALL EVENTS AND CLEANED OR REPLACED AS REQUIRED.
- ALL EROSION CONTROL STRUCTURES TO REMAIN IN PLACE AND BE MAINTAINED UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RE-STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
- NO ALTERNATE METHODS OF EROSION CONTROL PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE ENGINEER AND THE CITY OF OSHAWA.
- THE PROPERTY OWNER IS RESPONSIBLE FOR RESTORATION OF ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO CITY OF OSHAWA STANDARDS.

CITY OF OSHAWA EROSION CONTROL NOTES

- THE SITE SERVICING FOR THE SITE SHALL BE SCHEDULED SUCH THAT THE OVERALL TIME THE AREAS ARE LEFT OPEN TO WIND THAT CREATE BLOWING DUST FROM THE EARTHWORK OPERATIONS IS MINIMIZED.
- THE CONTRACTOR SHALL APPLY WATER TO HAUL ROADS AND STOCKPILES BY WAY OF WATER TRUCK.
- WITHIN AREAS WHERE EARTHWORKS AND OR UNDERGROUND MUNICIPAL SERVICING IS ON-GOING, WATER IS TO BE UTILIZED AT SUFFICIENT QUANTITY TO PREVENT VISIBLE EMISSIONS FROM EXTENDING MORE THAN 30m FROM THE POINT OF ORIGIN.
- THE ON-SITE SPEED LIMIT FOR CONSTRUCTION VEHICLES SHALL BE MINIMIZED AND TO BE USED IN CONJUNCTION WITH WATERING TO PREVENT VISIBLE DUST EMISSIONS.
- THE HIGH VISIBILITY OF CERTAIN WORKS AND THE CLOSE PROXIMITY AND POPULATION IMPACT SHOULD BE TAKEN INTO CONSIDERATION WHEN SCHEDULING DUST-PRODUCING WORK. APPROPRIATE DUST CONTROL MEASURE SHALL BE IN PLACE IN SUCH SITUATIONS.
- SPILLAGE, EROSION OR MATERIALS "TRACKED OUT" ON A ROAD TO BE CLEANED USING MECHANICAL STREET SWEEPERS OR FLUSHER TRUCK AT LEAST BY THE END OF THE WORK DAY. HOWEVER, IF THE SPILLAGE EXTENDS MORE THAN 15m ALONG A PAVED PUBLIC ROADWAY IT MUST BE CLEANED UP IMMEDIATELY.
- IMPORTING AND EXPORTING OF MATERIALS ON AND OFFSITE WILL BE SHUT DOWN DURING AND FOLLOWING INCLEMENT WEATHER UNTIL THE ROAD SURFACES HAVE BEEN CLEANED.

CITY NOTES

- THE OWNER SHALL BE RESPONSIBLE FOR THE COST OF RELOCATING, RESTORING AND REPAIRING ANY UTILITIES AND OTHER UNDERGROUND SERVICES, RESULTING FROM THE INSTALLATION OF ANY STORM SEWER CONNECTIONS.
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- THE OWNER MUST OBTAIN CITY OF OSHAWA APPROVAL FOR THE LOCATION OF ANY PROPOSED UTILITIES OR SERVICES WITHIN ANY CITY ROAD ALLOWANCE.
- THE OWNER MUST OBTAIN THE APPROVAL OF THE UTILITY AUTHORITY FOR ANY PROPOSED UTILITY EXTENSION OR SERVICE CONNECTION.


CONSTRUCTION NOTES

- THIS PLAN NOT FOR CONSTRUCTION UNTIL STAMPED BY DESIGN ENGINEER AND APPROVED BY THE LOCAL MUNICIPALITY.
- NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
- THIS PLAN NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF WALTERFEDY.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - CHECK AND VERIFY ALL DIMENSIONS AND EXISTING ELEVATIONS WHICH INCLUDES, BUT IS NOT LIMITED TO, THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS AND EXISTING INVERTS.
 - OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
- THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR DAMAGE TO EXISTING WORKS.
- ALL REMOVALS TO BE IN ACCORDANCE WITH OPSS 510.

LEGEND

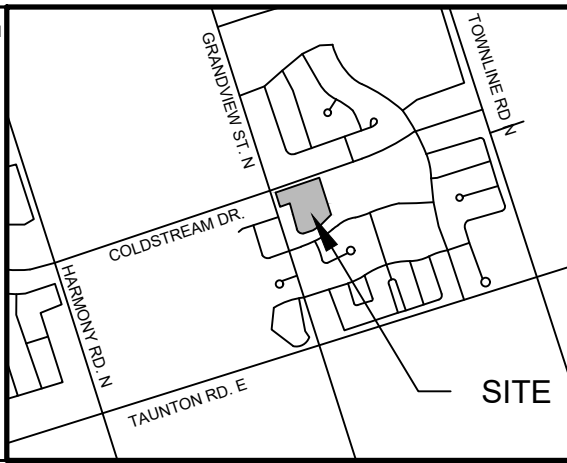
---	PROPERTY LINE
---	LOT LINE
---	LEGAL EASEMENT
---	BUILDING SETBACK
---	IRON BAR
---	IRON PIPE
---	STANDARD IRON BAR
---	ROUND IRON BAR
---	SHORT STANDARD IRON BAR
---	EXISTING LAMP STANDARD
---	EXISTING CATCHBASIN
---	EXISTING DOUBLE CATCHBASIN
---	EXISTING STORM MANHOLE
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EX DCBMH	EXISTING DOUBLE CATCHBASIN MANHOLE
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EX T	EXISTING TREE
EX ASP	EXISTING ASPHALT
EX CON	EXISTING CONCRETE
EX GRD	PROPOSED GRADE
EX DRA	PROPOSED DRAINAGE ARROWS/SLOPE
EX LDF	PROPOSED (LIGHT DUTY) SILT FENCE
EX BLD	PROPOSED BUILDING
EX CCS	PROPOSED CONCRETE SURFACE
EX CBP	EXISTING CATCHBASIN TO BE PROTECTED
EX CBT	PROPOSED CATCHBASIN TO BE PROTECTED
EX CRS	ACCESS ROAD CONSTRUCTION



DURHAM CATHOLIC DISTRICT SCHOOL BOARD

KEY PLAN



SITE

true north

project north

DATE	ISSUANCE	NO.
2024.10.09	ISSUED FOR SPA AMMENDMENT	1
2024.11.11	ISSUED FOR 100% OWNER REVIEW	2
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2025.01.31	RE-ISSUED FOR SPA	5
2025.03.10	RE-ISSUED FOR BUILDING PERMIT	6
2025.05.09	ISSUED FOR BID	7

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road W Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA SECOND STOREY ADDITION

1425 Coldstream Drive Oshawa, ON


TITLE

EROSION AND SEDIMENT CONTROL PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

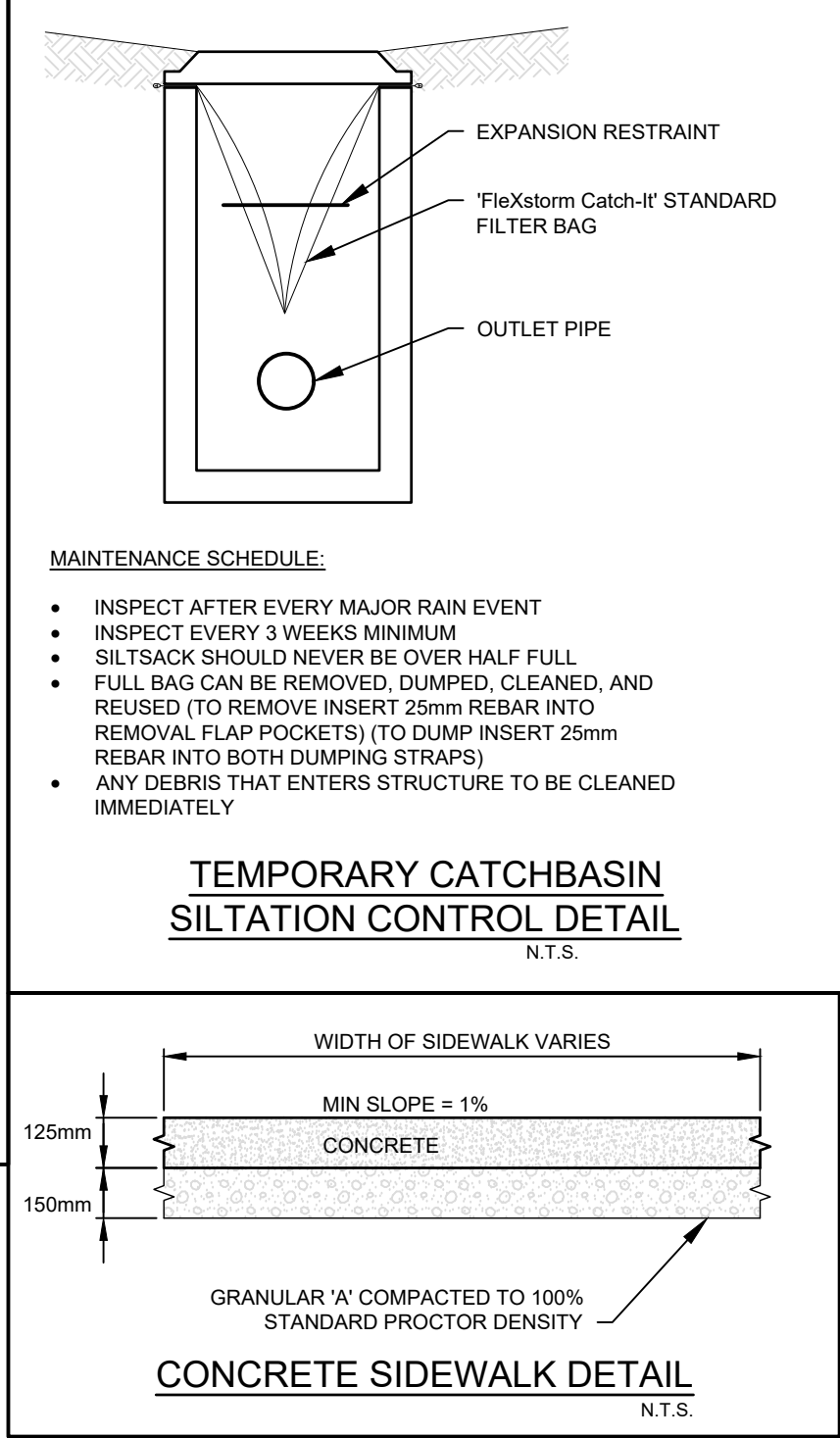
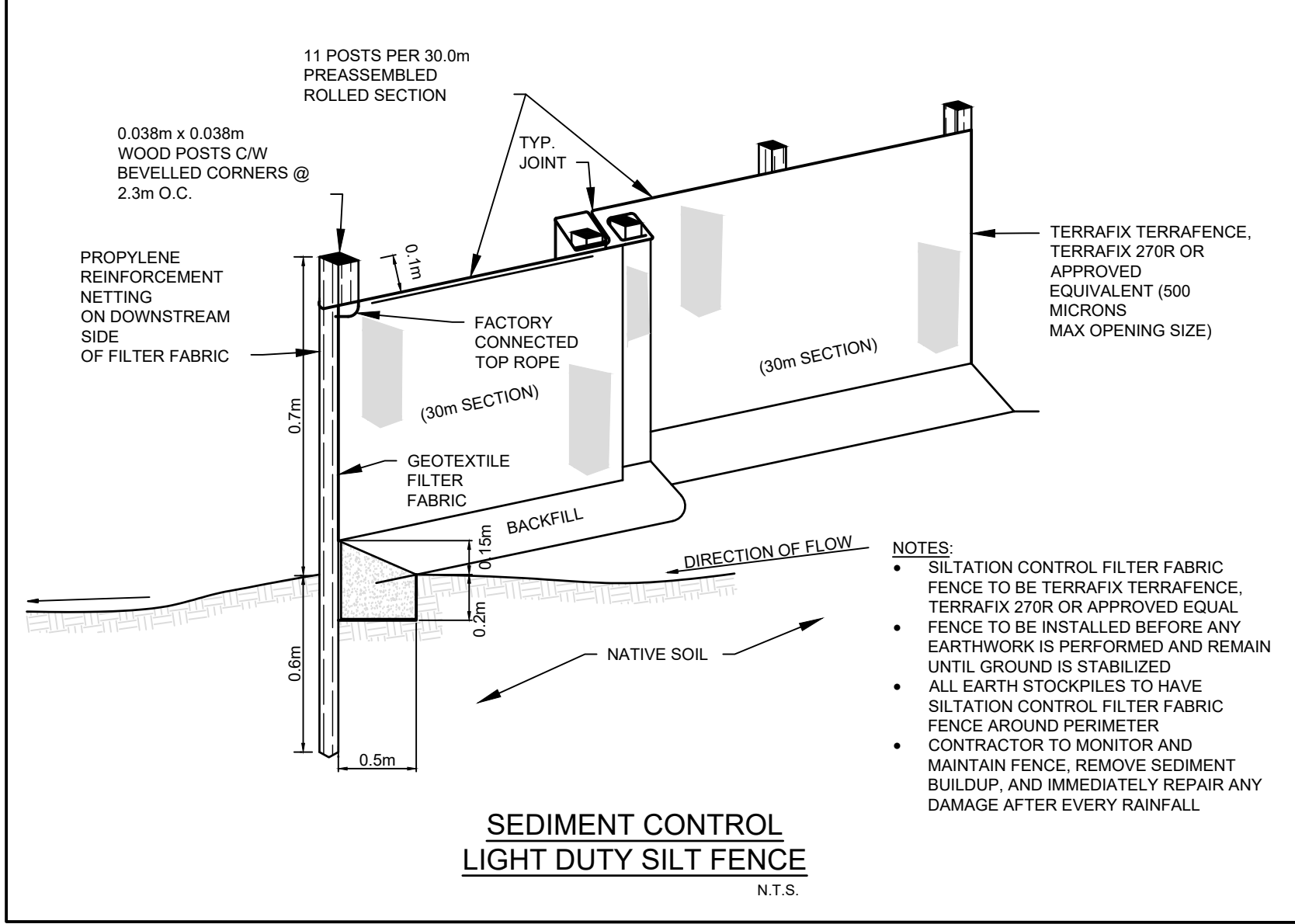
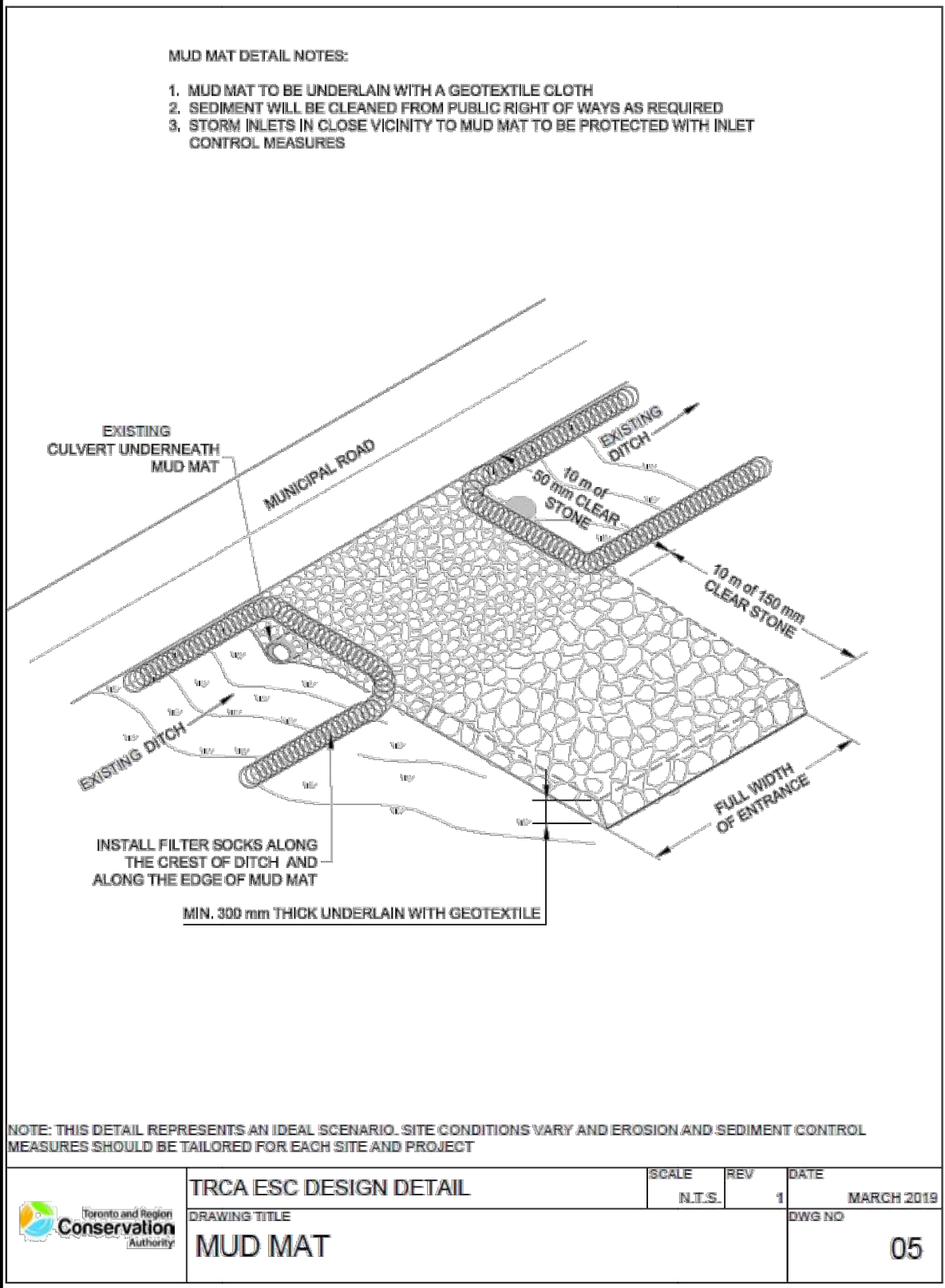
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PROJECT NO.: 2023-0753-10	
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CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road W Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA SECOND STOREY ADDITION

1425 Coldstream Drive Oshawa, ON

TITLE

DETAILS AND NOTES PLAN

WALTERFEDY

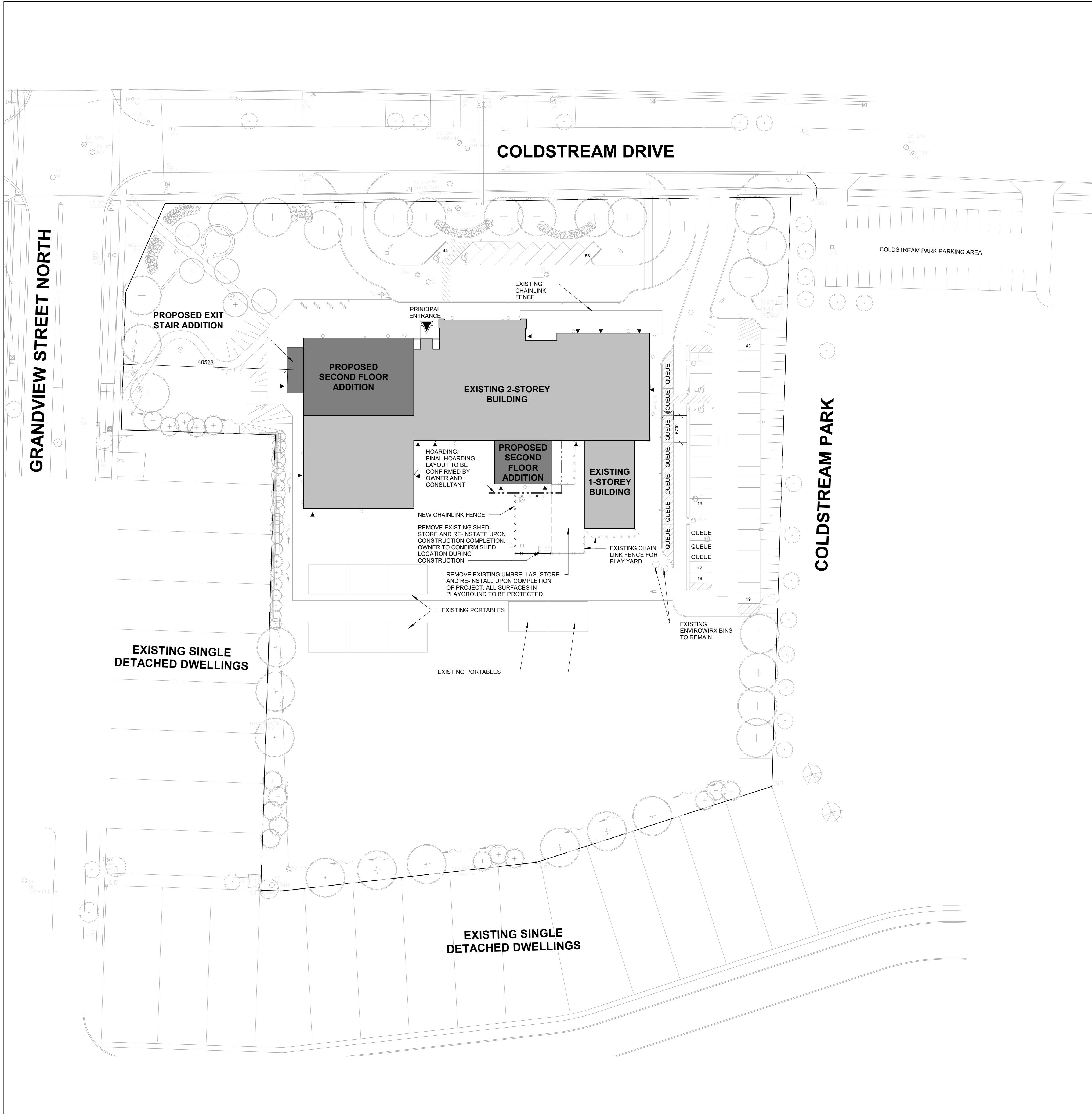
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PROJECT NO.:	2023-0753-10	
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CHECKED BY:	MO	



SITE DATA CHART: COMMUNITY INSTITUTIONAL ZONE		
ZONE PROVISIONS:	REQUIRED	PROVIDED
MINIMUM LOT FRONTAGE	22 METERS	57.97 METERS
MINIMUM LOT AREA	550 SQUARE METERS	22, 194.3 SQUARE METERS
MAXIMUM LOT COVERAGE	30%	15%
MINIMUM LANDSCAPED OPEN SPACE	25%	55%
MINIMUM FRONT YARD (NORTH)	6 METERS	29.40 METERS
MINIMUM EXTERIOR SIDE YARD (WEST)	6 METERS	40.53 METERS
MINIMUM REAR AND INTERIOR SIDE YARD	3.6 METERS (1.8 METERS FOR EACH STOREY OR HALF STOREY)	6.8 METERS
MAXIMUM BUILDING HEIGHT	12 METERS	7.8 METERS


PARKING CALCULATIONS:				
3.17 PUBLIC ELEMENTARY SCHOOL	CLASSROOMS/TEACHING AREAS:	CALCULATION:	REQUIRED	PROVIDED
1.5 PARKING SPACES FOR EACH CLASSROOM AND TEACHING	6 - CLASSROOMS (NEW)	1.5 x 6	9	53 + 36 OFF SITE PARKING
	22 - EXISTING CLASSROOM / TEACHING AREA	1.5 x 22	33	
	8 - EXISTING PORTABLES	1.5 x 8	12	
1 PARKING SPACE FOR EVERY TWO EMPLOYEES	15 EXISTING CHILDCARE EMPLOYEES	15 / 2	8	89 PLUS 10 QUEUE SPACES
		TOTAL =	62 PLUS	
1 QUEUE SPACE REQUIRED FOR EVERY 5 PERSON CAPACITY	15 EXISTING CHILDCARE EMPLOYEES	49 / 5	10 QUEUE SPACES	
BARRIER FREE PARKING REQUIREMENTS:				
TOTAL BARRIER FREE SPACE REQUIRED		TOTAL BARRIER FREE SPACES PROVIDED		
3		4		
NOTE: AS PER CoFA DECISION A-2022-89 THERE IS A LEASE AGREEMENT BETWEEN THE CITY AND THE SCHOOL BOARD TO USE THE ADJACENT COLDSTREAM PARK PARKING AREA				
TOTAL PARKING SPACES OFF SITE LOCATED AT COLDSTREAM PARK		36		

- SITE PLAN GENERAL NOTES:**
- REFER TO CIVIL SITE PLAN FOR ADDITIONAL NOTES.
 - ALL EXISTING AREAS SHOWN ON THIS DRAWING BEYOND THE SCOPE OF WORK ARE TO REMAIN AS EXISTING, UNDISTURBED AND FOR USE BY THE SCHOOL COMMUNITY.
 - CONTRACTOR RESPONSIBLE FOR SAFETY ON THE SITE INCLUDING APPROPRIATE FENCING AND BARRIERS AND COMMUNICATION WITH ALL PARTIES.
 - THIS SET OF PLANS SHALL NOT BE USED FOR CONSTRUCTION UNTIL STAMPED BY THE DESIGN ENGINEER AND APPROVED BY THE LOCAL MUNICIPALITY.
 - NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
 - THIS PLAN NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF WALTERFEDY.
 - THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS, AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM AND THOSE NOT LOCATED PRIOR TO CONSTRUCTION.
 - ANY AREA DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE CONSULTANT AND AUTHORITY HAVING JURISDICTION. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DAMAGED AND / OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO MUNICIPAL STANDARDS.
 - ALL HEALTH AND SAFETY RELATED SIGNAGE MUST BE POSTED AT THE SITE AS REQUIRED BY APPLICABLE LAW AND BEST MANAGEMENT PRACTICES.

- SITE PLAN CONSTRUCTION NOTES:**
- GENERAL**
- PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - CHECK AND VERIFY ALL DIMENSIONS AND EXISTING ELEVATIONS WHICH INCLUDES, BUT IS NOT LIMITED TO, THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS, AND EXISTING INVERTS.
 - OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
 - CONFIRM ALL DRAWINGS USED FOR CONSTRUCTION ARE OF THE MOST RECENT REVISION.
 - REPORT DISCREPANCIES IN EXISTING CONDITION INFORMATION IMMEDIATELY TO THE CONSULTANT.
 - THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR DAMAGE TO EXISTING WORKS. DAMAGE SHALL BE RECTIFIED TO THE SATISFACTION OF THE CONSULTANT AND OWNER.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY SUPPORT AND/OR RELOCATION OF EXISTING UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE AND COMPLY WITH THE REQUIREMENTS OF ALL UTILITY COMPANIES WHEN CROSSING OR WORKING NEAR THEIR PLANT.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL TEMPORARY BENCHMARKS ESTABLISHED FOR DESIGN PURPOSES, PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE COMMENCING WORK.
 - THE CONTRACTOR SHALL CONTACT THE CONSULTANT 48 HOURS PRIOR TO COMMENCING WORK TO DETERMINE THE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION.
 - THE RIGHT-OF-WAY IS NOT TO BE USED FOR ANY CONSTRUCTION ACTIVITY UNTIL A WORK PERMIT HAS BEEN OBTAINED FROM THE MUNICIPALITY.
 - ALL EXISTING SIGNS, MAIL BOXES, POSTS, MEMORIAL PLAQUES, PLAYGROUND EQUIPMENT, ETC., WHICH MUST BE REMOVED TO ACCOMMODATE CONSTRUCTION, SHALL BE SALVAGED AND REINSTATED AS DIRECTED BY THE CONTRACT ADMINISTRATOR IN EQUAL OR BETTER CONDITION. THE CONTRACTOR SHALL MAKE GOOD ANY DAMAGE CAUSED TO SUCH FACILITIES AT THEIR OWN EXPENSE. ALL EXISTING TRAFFIC CONTROL SIGNS MUST BE REINSTATED BY THE END OF EACH WORKING DAY. EXISTING STOP CONTROL SIGNS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION TO THE SATISFACTION OF THE ROAD AUTHORITY AND THE CONTRACT ADMINISTRATOR.

- TRAFFIC, ACCESS, SAFETY:**
- PEDESTRIANS MUST BE ASSURED SAFE PASSAGE TO THE MAIN BUILDING ACCESS AT ALL TIMES. ALL PEDESTRIAN WALKWAYS MUST BE MAINTAINED AS LONG AS POSSIBLE AFTER WHICH TIME IT IS TEMPORARILY REPLACED BY A SUITABLE GRANULAR MATERIAL TO THE SATISFACTION OF THE CONSULTANT AND/OR OWNER.
 - ON STREET PARKING WILL NOT BE PERMITTED FOR ANY CONSTRUCTION VEHICLES OR CONSTRUCTION STAFF. THE CONTRACTOR SHALL PROVIDE ADEQUATE PARKING FACILITIES ON SITE TO SUIT THE NATURE AND LOCATION OF THE WORK.
 - FOR EMERGENCY RESPONSE, CONTRACTOR MUST MAINTAIN CONSTRUCTION ACCESS FREE AND CLEAR OF DEBRIS, MATERIALS, VEHICLES, AND EQUIPMENT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNALS, DELINEATORS, MARKERS, AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE STANDARDS OF THE MUNICIPALITY AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

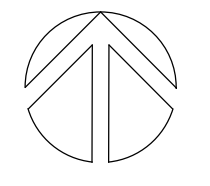
- SITE PLAN LEGEND:**
- PRIMARY ENTRANCE
 - SECONDARY ENTRANCE / EXIT
 - EXISTING BUILDINGS TO REMAIN
 - EXISTING FIRE DEPARTMENT CONNECTION



KEYPLAN



TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR SD REPORT	2024.07.15
2	ISSUED FOR OWNER REVIEW	2024.09.11
3	ISSUED FOR SPA AMENDMENT	2024.10.10
4	ISSUED FOR MINISTRY APPROVAL	2024.11.05
5	ISSUED FOR 100% OWNER REVIEW	2024.11.11
6	ISSUED FOR PERMIT	2024.12.03
7	RE-ISSUED FOR SPA	2025.01.31
8	RE-ISSUED FOR SPA	2025.04.22
9	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

ARCHITECTURAL SITE PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.665.1378 walterfedy.com

SEAL

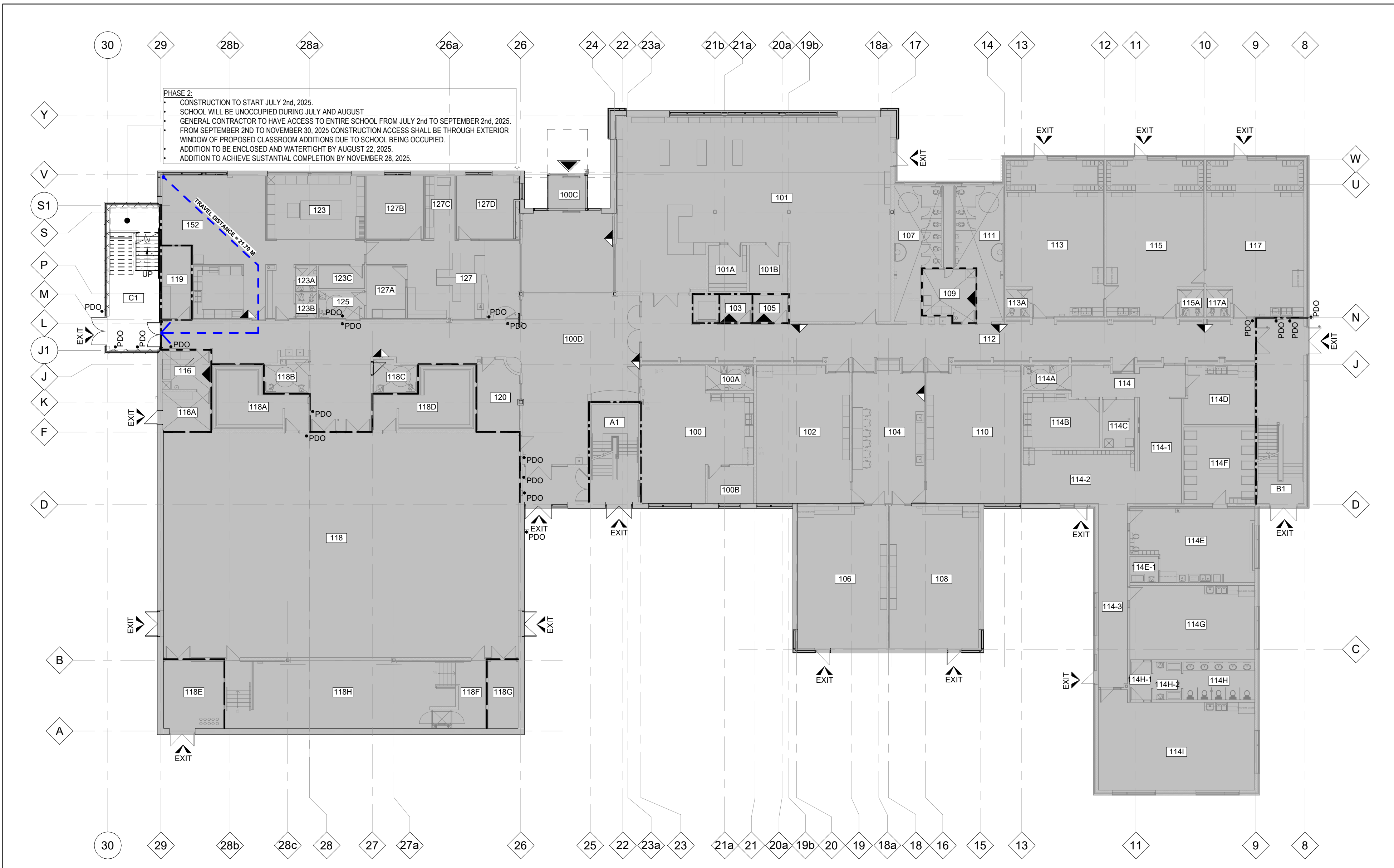


2023-0755-10

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SCALE:	As Indicated	SHEET NO.:
DATE:	2025-05-09	A101
PROJECT NO.:	2023-0753-10	
DRAWN BY:	EA/CS	
CHECKED BY:	MM	



1 GROUND FLOOR - CODE ANALYSIS AND PHASING PLAN
A102 Scale: 1 : 200

ROOM LEGEND - GROUND FLOOR

100	SPECIAL EDUCATION
100A	WASHROOM
100B	OFFICE
100C	VESTIBULE
100D	LOBBY
101	LIBRARY
101A	LIBRARY OFFICE
101B	AV STORAGE
102	CLASSROOM
103	ELEV MACHINE RM
104	PDO
105	HUB ROOM
106	CLASSROOM
106C	COMPUTER ROOM
107	GIRLS WASHROOM
108	CLASSROOM
109	CUSTODIAN RM
110	CLASSROOM
111	BOYS WASHROOM
112	CORRIDOR
113	KINDERGARTEN
113A	WASHROOM
114	CORRIDOR
114-1	STROLLER PARKING CORRIDOR
114-2	CUBBIES
114-3	CORRIDOR
114A	WASHROOM
114B	KITCHEN
114C	LAUNDRY
114D	OFFICE
114E	INFANT PLAYROOM
114E-1	INFANT CHANGE ROOM
114F	INFANT SLEEPING ROOM
114G	TODDLER ROOM
114H	WASHROOM
114H-1	WASHROOM VESTIBULE
114H-2	CHANGE ROOM
114I	PRE-SCHOOL ROOM
115	KINDERGARTEN

ROOM LEGEND - GROUND FLOOR

116A	WASHROOM
116	CUSTODIAN
116A	SPRINKLER ROOM
117	KINDERGARTEN
117A	WASHROOM
118	GYMNASIUM
118A	CHANGE ROOM
118B	WASHROOM
118C	WASHROOM
118D	CHANGE ROOM
118E	GYM STORAGE
118F	STAGE CORRIDOR
118G	CHAIR STORAGE
118H	STAGE
119	ELEC. RM
120	CONFERENCE RM
121	STAFF WORKROOM
122	WASHROOM
123	WASHROOM
123C	STORAGE
125	WASHROOM
127	MAIN OFFICE
127A	HEALTH ROOM
127B	VICE PRINCIPAL OFFICE
127C	STORAGE
127D	PRINCIPAL OFFICE
152	STAFF LOUNGE

CODE COMPLIANCE LEGEND:

---	0 HR FIRE SEPARATION, PROVIDE SMOKE SEALS
---	30 MIN. FIRE SEPARATION
---	1 HR FIRE SEPARATION
●---	TRAVEL DISTANCE < 45.0m [147'-8"]
▲	SURFACE MOUNTED FIRE EXTINGUISHER
▲	RECESSED FIRE EXTINGUISHER CABINET LOCATED IN FIRE HOSE CABINETS
▲	EXIT
▲	PRINCIPAL ENTRANCE / EXIT
■	INDICATES EXISTING TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE
●	POWER DOOR OPERATOR

WATER TIGHTNESS:

THE BUILDING WILL BE OCCUPIED UNTIL JUNE 30TH, 2025. MAINTAIN WATER TIGHT CONDITIONS FOR GROUND FLOOR BELOW IN ALL AREAS WHERE CONSTRUCTION AND DEMOLITION OCCURS OVERHEAD ON SECOND FLOOR. EXISTING SCHOOL TO REMAIN WATER TIGHT/WATER TIGHT FOR THE ENTIRE DURATION OF CONSTRUCTION.

GENERAL CONTRACTOR SHALL PATCH AND MAKE GOOD WITH EXISTING ANY DAMAGE DUE TO DEMOLITION AND CONSTRUCTION TO EXISTING BUILDING INCLUDING FINISHES TO FLOOR BELOW WORK AREAS.

Ontario's 2015 Building Code										OBC Reference		
Data Matrix Part 3 or 9										References are to Division B unless noted below		
										[A] for Division A, or [C] for Division C.		
1	Project Description	<input type="checkbox"/> New <input type="checkbox"/> Change of Use	<input type="checkbox"/> PART 11 <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Alteration	11.1 to 11.4	<input checked="" type="checkbox"/> PART 3 <input type="checkbox"/> PART 9	1.1.2 [A]		1.1.2 [A] & 9.10.1.3.				
2	Major Occupancy(s)	Group A, Division 2				3.1.2.1.(1)		9.10.2.				
3	Building Area (m²)	Existing	3136.30	New	46	Total	3182.30	14.1.2 [A]	14.1.2 [A]			
4	Gross Area (m²)	Existing	4920	New	755	Total	5675	14.1.2 [A]	14.1.2 [A]			
5	Mezzanine(s) Area (m²)	N/A				3.2.1.1.(3)-(8)		9.10.4.1.				
6	Number of Storeys	Above Grade	2	Below Grade	0			14.1.2 [A] & 3.2.1.1.	14.1.2 [A] & 9.10.4.1.			
7	Number of Streets / Fire Fighter Access	1						3.2.2.10 & 3.2.5.	9.10.20.			
8	Building Classification	3.2.2.24						3.2.2.20 -83.	9.10.2.			
9	Sprinkler System Proposed	<input checked="" type="checkbox"/> Entire Building <input type="checkbox"/> Selected Compartments <input type="checkbox"/> Selected Floor Areas <input type="checkbox"/> Basement <input type="checkbox"/> In Lieu of Roof Rating				3.2.2.20 -83.		9.10.8.2.				
						3.2.1.5.						
						3.2.2.17.						
						INDEX		INDEX				
10	Fire Alarm Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				3.2.4.		9.10.18.				
11	Standpipe Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				3.2.9.		N/A				
12	Water Service / Supply is Adequate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				3.2.5.7.		N/A				
13	High Building	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				3.2.6.		N/A				
14	Construction Restrictions	<input type="checkbox"/> Combustible Permitted <input checked="" type="checkbox"/> Non-Combustible Required <input type="checkbox"/> Both				3.2.2.20 -83. & 3.2.1.4.		9.10.6.				
	Actual Construction	<input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Heavy Timber Construction <input type="checkbox"/> Yes <input type="checkbox"/> No										
15	Importance Category	<input type="checkbox"/> Low <input type="checkbox"/> Low Human Occupancy	<input type="checkbox"/> Normal <input type="checkbox"/> Minor Storage Building	<input checked="" type="checkbox"/> High <input type="checkbox"/> Explosive or Hazardous Matter	<input type="checkbox"/> Post Disaster <input type="checkbox"/> Post Disaster Shelter	4.1.2.1.(3) & 14.1.2.1.B						
16	Seismic Hazard Index:	(I _e Fa Sa (0.2)) = 0.31 Seismic design required for Table 4.1.8.18. Items 6 to 21: (I _e Fa Sa (0.2)) ≥ 0.35 or Post-disaster) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				4.1.2.1.(3)		9.20.1.2 & 9.31.6.2 (3)				
17	Occupant Load based on	<input checked="" type="checkbox"/> m² / Person <input type="checkbox"/> Design of Building				3.1.17.1.(c).(i)		9.9.1.3.				
	6 Classrooms	Room Area (m²)	420	Load (m² / Person)	1.85	Load (Persons)	227					
	Total Occupant Load by OBC					305						
	Total actual occupant load in school					= 138 students						
18	Barrier-Free Design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)				3.8.		9.5.2.				
19	Hazardous Substances	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				3.3.1.2 & 3.3.1.19.		9.10.1.3.(4)				
20	Required Fire Resistance Rating (FRR)	Horizontal Assemblies FRR min. (Hours) Floors 1 Hours Roof 0 Hours Mezzanine(s) N/A FRR of Supporting Members min. (Hours) Floors 1 Hours Roof 0 Hours				Listed Design No. or Description (SB-2) Non-Combustible Construction Not Required Not Applicable Listed Design No. or Description (SB-2) Non-Combustible Construction Not Required	3.2.2.20 -83. 3.2.1.4.	9.10.8. 9.10.9.				
21	Spatial Separation - Construction of Exterior Walls - Table 3.2.3.1.D					3.2.3.		9.10.14.				
	Wall	Area of EBF (m²)	Limiting Distance(m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Combustible Construction	Combustible Construction, Non-Comb. Cladding	Non-Combustible Construction	
	North		>10 m		100%							
	East		>10 m		100%							
	South		>10 m		100%							
	West		>10 m		100%							
22	Plumbing Fixture Requirements	Based on projected 984 students and 66 staff Occupancy: A2							OBC Reference			
	Washroom Requirement	Fixtures Required		Existing Fixtures		New Fixtures Provided		<input checked="" type="checkbox"/> PART 3	<input type="checkbox"/> PART 9			
	Students (M @ 30, F @ 26)	M - 16 F - 19		M - 13 F - 13 U - 5		M - 2 F - 2		3.7.4.1.14		9.31.1.1.		
	Teachers (M @ 30, F @ 26)	M - 1 F - 1		U - 5		0						
	Universal Washroom			0		1 (counts as 2)						
	Total Count	37		36		6						
23	Energy Efficiency: Compliance Path	Prescriptive Path				Climatic Zone	5	SB-10				
24	Additional OBC Notes:											
	Provide fire extinguishers per the Ontario Fire Code. Extinguishers required with max. distance of 15 m.							3.2.5.17				
	Provide two means of egress from every room with occupant load greater than 60 persons, or the area of the room is greater than 150 sq m with a max egress travel distance of 15 m.							3.3.1.5.(1)				
	Min. unobstructed width of shall be 1100mm for every corridor serving classrooms.							3.3.1.9(2)				
	Glass doors shall be constructed of tempered safety glass.							3.3.1.18 (2)				
	Janitor room - no rating required as the building is sprinklered.							3.3.1.20				
	Travel distance = <45 m							3.4.2.5				
	Every doorway that is located in a barrier-free path of travel shall have a clear width of not less than 860 mm when the door is in the open position.							3.8.3.3.(1)				
	Min R value of mass wall required: = R-17 ci											
	Value of mass wall provided = R-17.5 ci											
	Min R value of roof required = R-35.0 ci											
	Value of roof provided = R-37.0 ci											
	Min Slab on Grade Insulation: = R-15 ci for 1200mm											

KEYPLAN

TRUE NORTH PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR SPA AMENDMENT	2024.10.10
3	ISSUED FOR MINISTRY APPROVAL	2024.11.05
4	ISSUED FOR 100% OWNER REVIEW	2024.11.11
5	ISSUED FOR PERMIT	2024.12.03
6	ISSUED FOR BID	2025.05.09

CUSTOMER

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

ONTARIO BUILDING CODE ANALYSIS PLAN - GROUND FLOOR

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.665.1378 walterfedy.com

SEAL

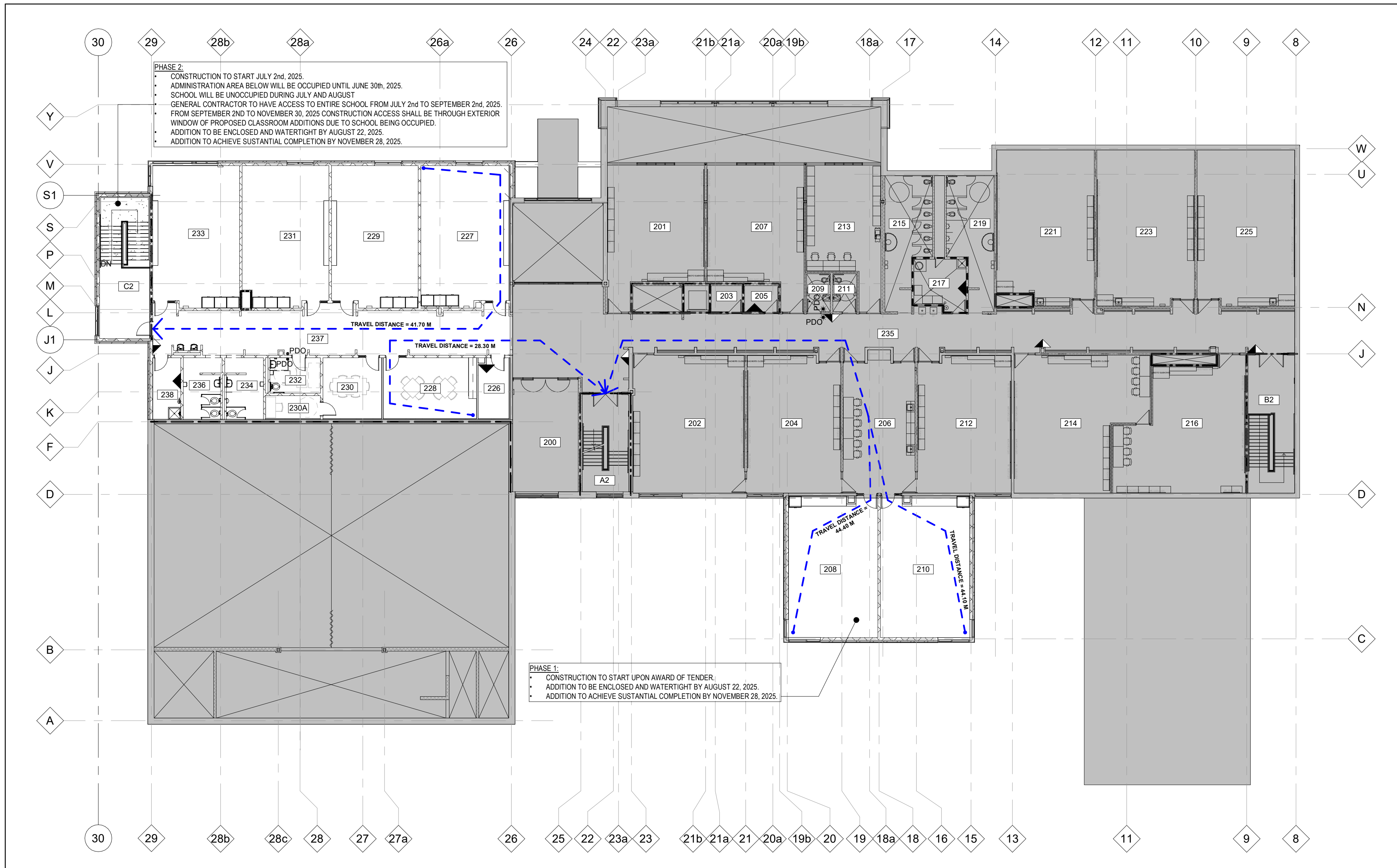
ONTARIO ASSOCIATION OF ARCHITECTS

MARIA JOSE MELO LICENCE 9327 2023-0755-10

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SCALE:	As Indicated	SHEET NO.:
DATE:	2025-05-09	A102
PROJECT NO.:	2023-0753-10	
DRAWN BY:	EA	
CHECKED BY:	MM	




1 SECOND FLOOR - CODE ANALYSIS AND PHASING PLAN
A103 Scale: 1 : 200

ROOM LEGEND - SECOND FLOOR	
200	CHAPEL
201	CLASSROOM
202	CLASSROOM
203	STORAGE
204	CLASSROOM
205	HUB ROOM
206	POD
207	CLASSROOM
208	CLASSROOM
209	STAFF WASHRM
210	CLASSROOM
211	STAFF WASHRM
212	CLASSROOM
213	STAFF WORKROOM
214	CLASSROOM
215	GIRLS WASHROOM
216	CLASSROOM
217	CUSTODIAN ROOM
219	BOYS WASHROOM
221	ART CLASSROOM
223	SCIENCE CLASSROOM
225	MUSIC ROOM
226	ACADEMIC STORAGE
227	CLASSROOM
228	STAFF/TEACHER WORK ROOM
229	CLASSROOM
230	MEETING ROOM
230A	OFFICE
231	CLASSROOM
232	UNIVERSAL W/R
233	CLASSROOM
234	BOYS W/R
235	CORRIDOR
236	GIRLS W/R
237	CORRIDOR
238	CUSTODIAN
239	Room

CODE COMPLIANCE LEGEND:	
-----	0 HR FIRE SEPARATION, PROVIDE SMOKE SEALS
-----	30 MIN. FIRE SEPARATION
-----	1 HR FIRE SEPARATION
●----->	TRAVEL DISTANCE < 45.0m [147'-8"]
▲	SURFACE MOUNTED FIRE EXTINGUISHER
▲	RECESSED FIRE EXTINGUISHER CABINET LOCATED IN FIRE HOSE CABINETS
▲	EXIT
▲	PRINCIPAL ENTRANCE / EXIT
■	INDICATES EXISTING TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE
●	POWER DOOR OPERATOR

WATER TIGHTNESS:	
THE BUILDING WILL BE OCCUPIED UNTIL JUNE 30TH, 2025. MAINTAIN WATER TIGHT CONDITIONS FOR GROUND FLOOR BELOW IN ALL AREAS WHERE CONSTRUCTION AND DEMOLITION OCCURS OVERHEAD ON SECOND FLOOR. EXISTING SCHOOL TO REMAIN WATER TIGHT/WATER TIGHT FOR THE ENTIRE DURATION OF CONSTRUCTION.	
GENERAL CONTRACTOR SHALL PATCH AND MAKE GOOD WITH EXISTING ANY DAMAGE DUE TO DEMOLITION AND CONSTRUCTION TO EXISTING BUILDING INCLUDING FINISHES TO FLOOR BELOW WORK AREAS.	

Ontario's 2015 Building Code		OBC Reference	
Data Matrix Part 3 or 9		References are to Division B unless noted	
1	Project Description	<input type="checkbox"/> New <input type="checkbox"/> Change of Use <input type="checkbox"/> Addition <input type="checkbox"/> Alteration	<input type="checkbox"/> PART 11 11.1 to 11.4 <input type="checkbox"/> PART 3 1.1.2 [A] <input type="checkbox"/> PART 9 1.1.2 [A] & 9.10.1.3
2	Major Occupancy(s)	Group A, Division 2	3.1.2.1.(1) 9.10.2.
3	Building Area (m²)	Existing 3136.30 New 46 Total 3182.30	1.4.1.2 [A] 1.4.1.2 [A]
4	Gross Area (m²)	Existing 4920 New 755 Total 5675	1.4.1.2 [A] 1.4.1.2 [A]
5	Mezzanine(s) Area (m²)	N/A	3.2.1.1.(3)-(8) 9.10.4.1.
6	Number of Storeys	Above Grade 2 Below Grade 0	1.4.1.2 [A] & 3.2.1.1. 1.4.1.2 [A] & 9.10.4.
7	Number of Streets / Fire Fighter Access	1	3.2.2.10 & 3.2.5. 9.10.20.
8	Building Classification	3.2.2.24	3.2.2.20 -83. 9.10.2.
9	Sprinkler System Proposed	<input type="checkbox"/> Entire Building <input type="checkbox"/> Selected Compartments <input type="checkbox"/> Selected Floor Areas <input type="checkbox"/> Basement <input type="checkbox"/> In Lieu of Roof Rating	3.2.2.20 -83. 3.2.1.5. 3.2.2.17. INDEX INDEX
10	Fire Alarm Required	<input type="checkbox"/> Yes <input type="checkbox"/> No	3.2.4. 9.10.18.
11	Standpipe Required	<input type="checkbox"/> Yes <input type="checkbox"/> No	3.2.9. N/A
12	Water Service / Supply is Adequate	<input type="checkbox"/> Yes <input type="checkbox"/> No	3.2.5.7. N/A
13	High Building	<input type="checkbox"/> Yes <input type="checkbox"/> No	3.2.6. N/A
14	Construction Restrictions	<input type="checkbox"/> Combustible Permitted <input type="checkbox"/> Non-Combustible Required <input type="checkbox"/> Both	3.2.2.20 -83. & 3.2.1.4. 9.10.6.
15	Actual Construction	<input type="checkbox"/> Combustible <input type="checkbox"/> Heavy Timber Construction <input type="checkbox"/> Yes <input type="checkbox"/> No	4.1.2.1.(3) & 14.1.2.1.B
16	Importance Category	<input type="checkbox"/> Low <input type="checkbox"/> Low Human Occupancy <input type="checkbox"/> Normal <input type="checkbox"/> Minor Storage Building <input type="checkbox"/> High <input type="checkbox"/> Explosive or Hazardous Matter <input type="checkbox"/> Post Disaster Shelter	4.1.2.1.(3) 4.1.8.18.(2)
17	Seismic Hazard Index:	(1/6 Fa Sa (0.2)) = 0.31 Seismic design required for Table 4.1.8.18. Items 6 to 21: (1/6 Fa Sa (0.2)) ≥ 0.35 or Post-disaster) <input type="checkbox"/> No <input type="checkbox"/> Yes	9.20.1.2 & 9.31.6.2 (3)
18	Barrier-Free Design	<input type="checkbox"/> Yes <input type="checkbox"/> No (Explain)	3.8. 9.5.2.
19	Hazardous Substances	<input type="checkbox"/> Yes <input type="checkbox"/> No	3.3.1.2 & 3.3.1.19. 9.10.1.3.(4)
20	Required Fire Resistance Rating (FRR)	Horizontal Assemblies FRR min. (Hours) Floors 1 Hours Roof 0 Hours Mezzanine(s) N/A FRR of Supporting Members min. (Hours) Floors 1 Hours Roof 0 Hours	Listed Design No. or Description (SB-2) Non-Combustible Construction Not Required Not Applicable Listed Design No. or Description (SB-2) Non-Combustible Construction Not Required
21	Spatial Separation - Construction of Exterior Walls - Table 3.2.3.1.D	Wall Area of EBF (m²) Limiting Distance(m) L/H or H/L Permitted Max. % of Openings Proposed % of Openings FRR (Hours) Listed Design or Description	Combustible Construction Combustible Construct, Non-Comb. Cladding Non-Combustible Construction
22	Plumbing Fixture Requirements	Based on projected 984 students and 66 staff Occupancy: A2 Washroom Requirement Students (M @ 30, F @ 26) Teachers (M @ 30, F @ 26) Universal Washroom Total Count Fixtures Required Existing Fixtures New Fixtures Provided Compliance Path Prescriptive Path Climatic Zone	OBC Reference PART 3 PART 9 3.7.4.1.14 9.31.1.1. SB-10
23	Energy Efficiency:	Compliance Path Prescriptive Path Climatic Zone	SB-10
24	Additional OBC Notes:	Provide fire extinguishers per the Ontario Fire Code. Extinguishers required with max. distance of 15 m. Provide two means of egress from every room with occupant load greater than 60 persons, or the area of the room is greater than 150 sq m with a max egress travel distance of 15 m. Min. unobstructed width of shall be 1100mm for every corridor serving classrooms. Glass doors shall be constructed of tempered safety glass. Janitor room - no rating required as the building is sprinklered. Travel distance = <45 m Every doorway that is located in a barrier-free path of travel shall have a clear width of not less than 860 mm when the door is in the open position. Min R value of mass wall required: = R-17 ci Value of mass wall provided = R-17.5 ci Min R value of roof required = R-35.0 ci Value of roof provided = R-37.0 ci Min Slab on Grade Insulation: = R-15 ci for 1200mm	



KEYPLAN

TRUE NORTH PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR SPA AMENDMENT	2024.10.10
3	ISSUED FOR MINISTRY APPROVAL	2024.11.05
4	ISSUED FOR 100% OWNER REVIEW	2024.11.11
5	ISSUED FOR PERMIT	2024.12.03
6	ISSUED FOR BID	2025.05.09

CUSTOMER

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

ONTARIO BUILDING CODE ANALYSIS PLAN - SECOND FLOOR

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL

ONTARIO ASSOCIATION OF ARCHITECTS

MARIA JOSE MELO

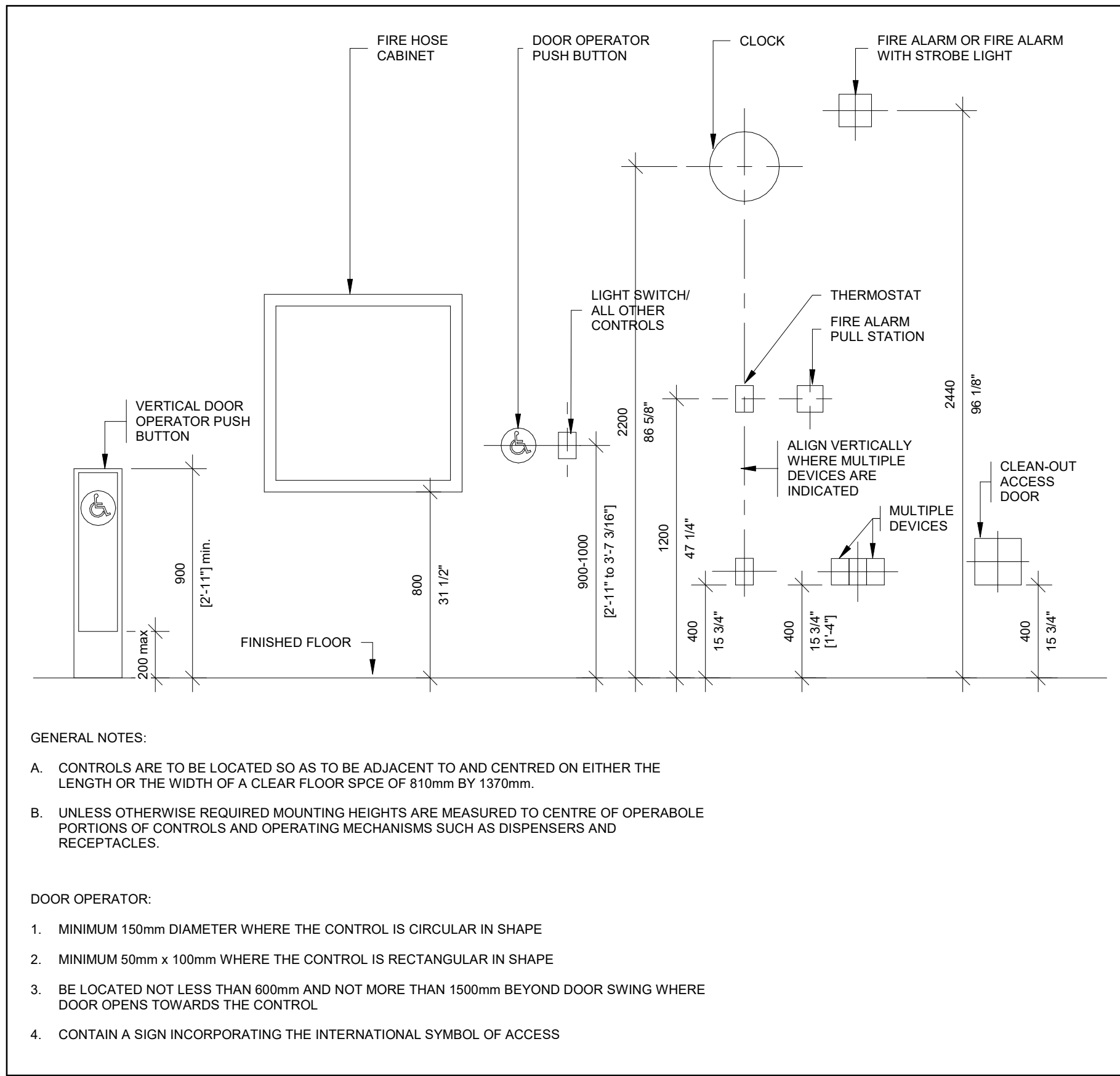
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2023-0755-10

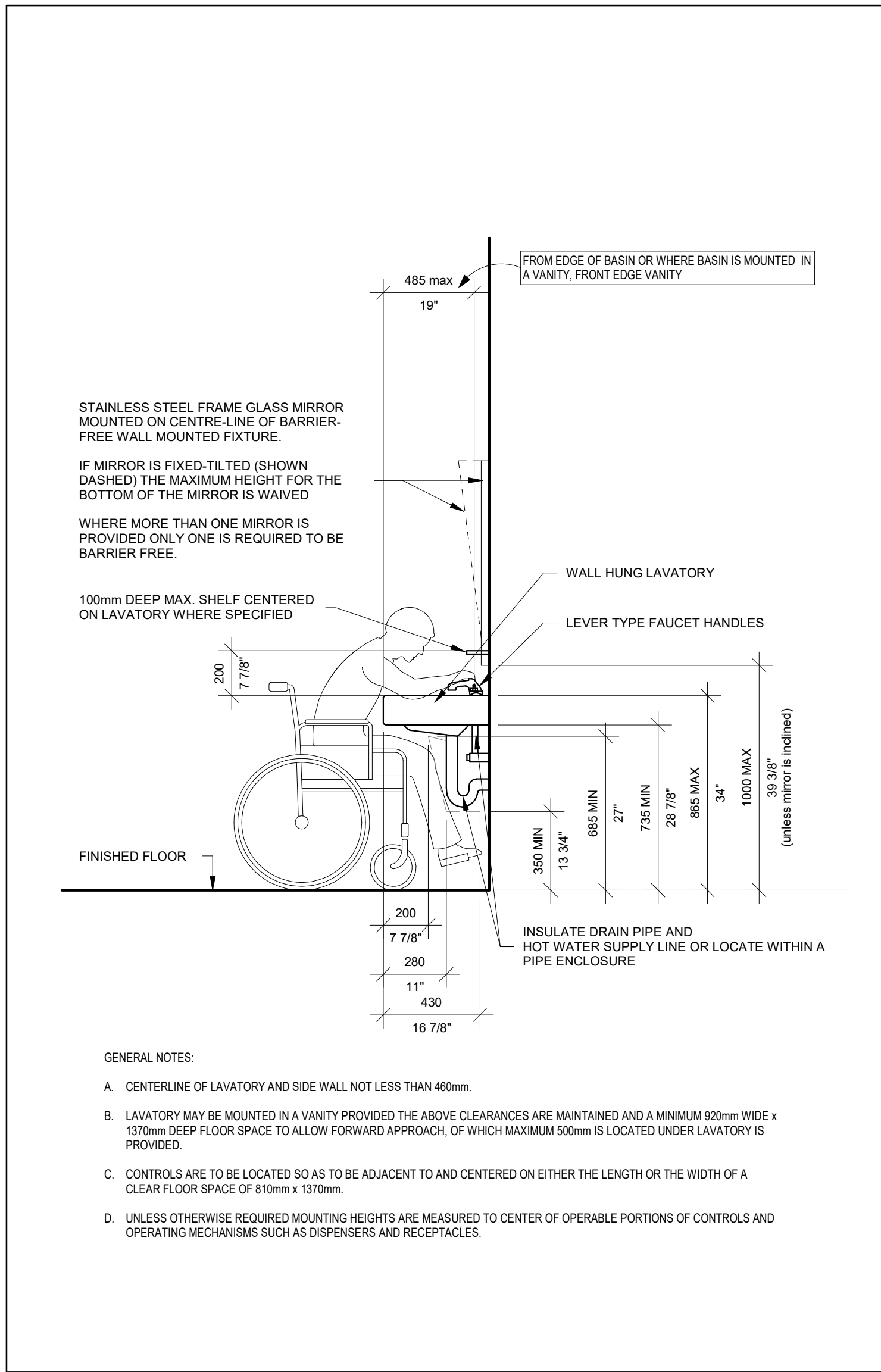
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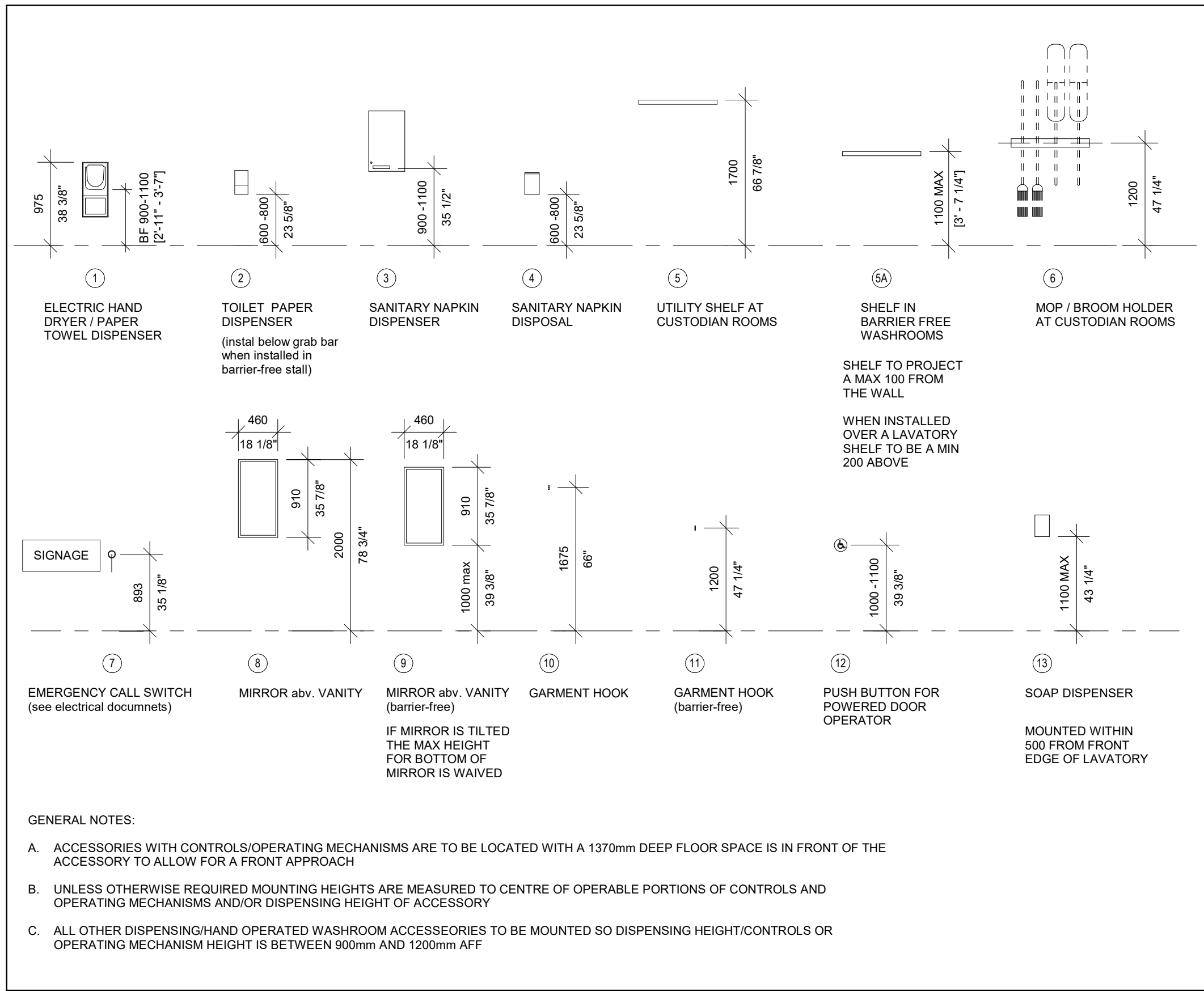
SCALE:	As Indicated	SHEET NO.:
DATE:	2025-05-09	A103
PROJECT NO.:	2023-0753-10	
DRAWN BY:	EA	
CHECKED BY:	MM	



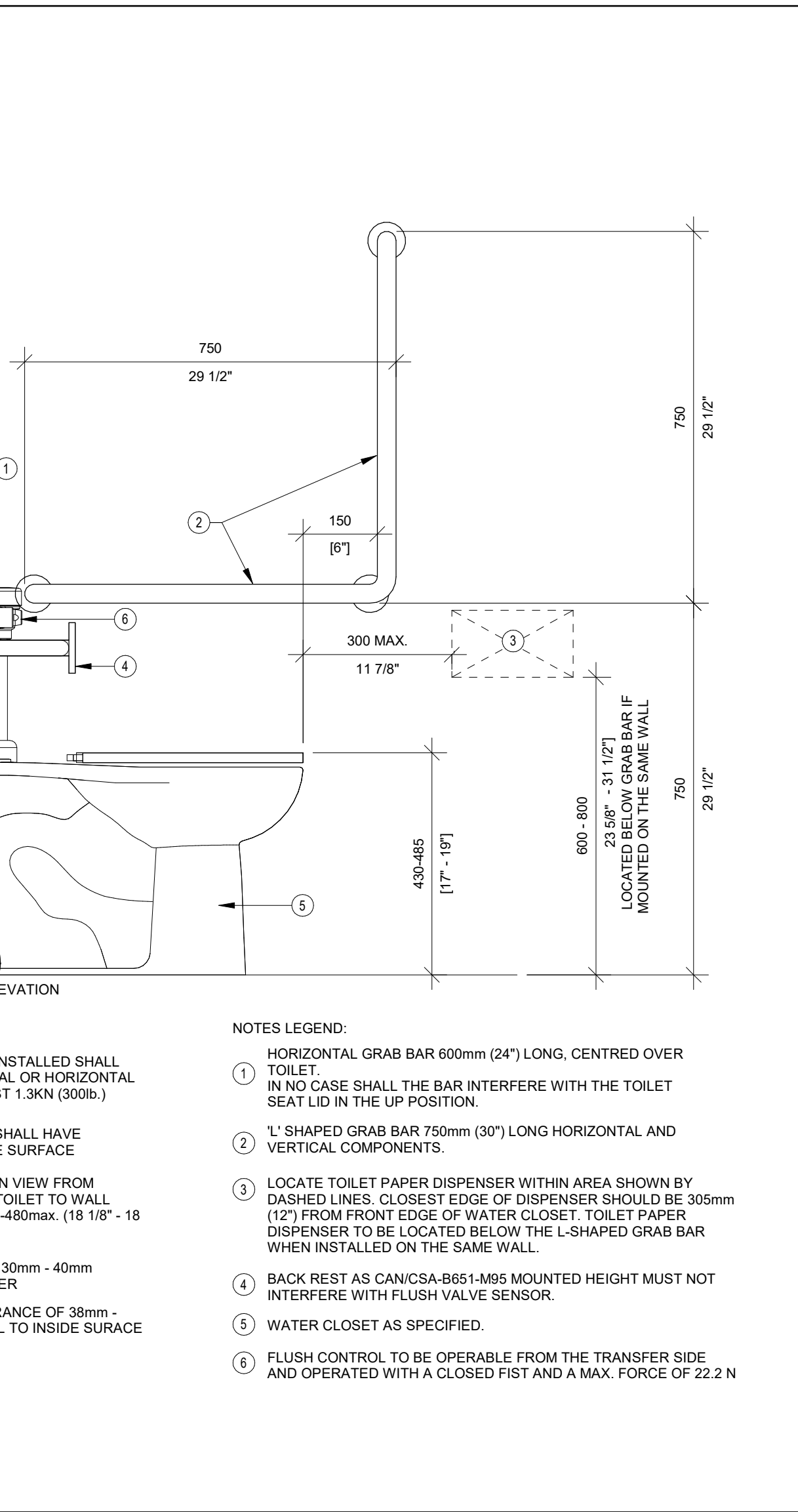
1 TYPICAL FIXTURE MOUNTING HEIGHTS
A104 Scale: 1 : 20



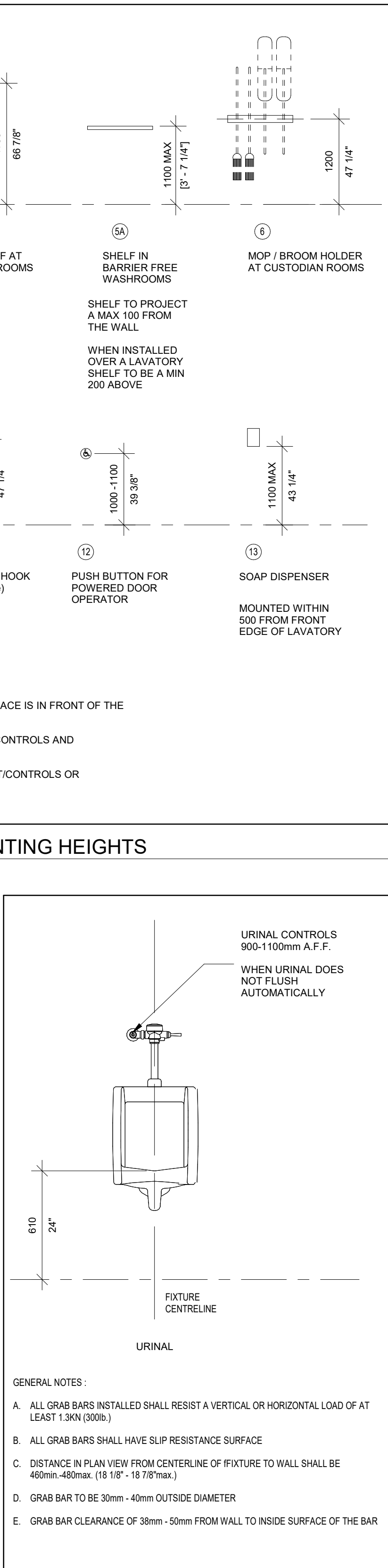
4 ACCESSIBLE LAVATORY MOUNTING HEIGHTS & DISTANCES
A104 Scale: 1 : 20



2 TYPICAL WASHROOM/CUSTODIAN ACCESSORIES MOUNTING HEIGHTS
A104 Scale: 1 : 50



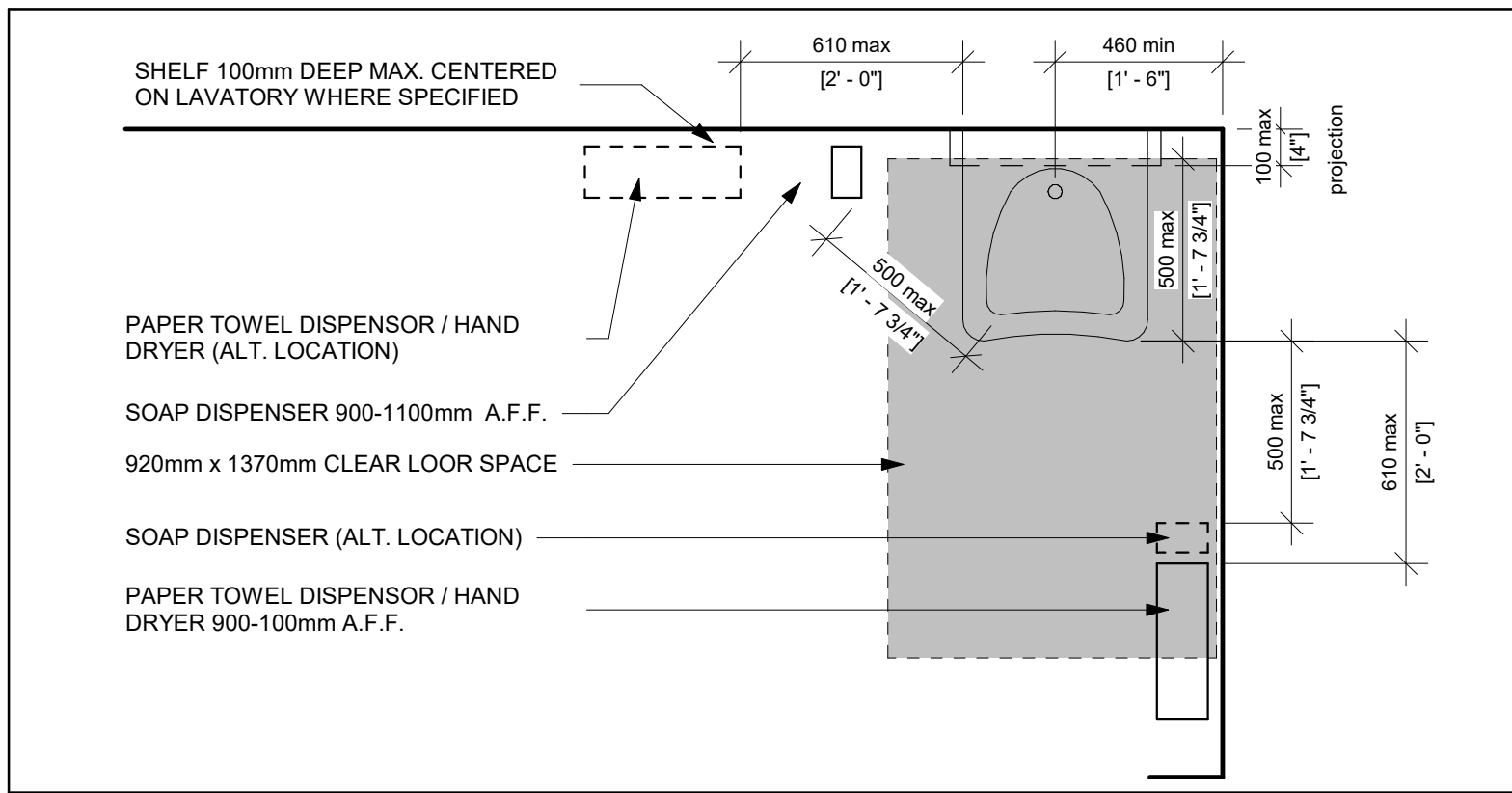
6 B.F. 'L' GRAB BAR & ACCESS FOR MANUAL FLUSH VALVE TOILETS
A104 Scale: 1 : 10



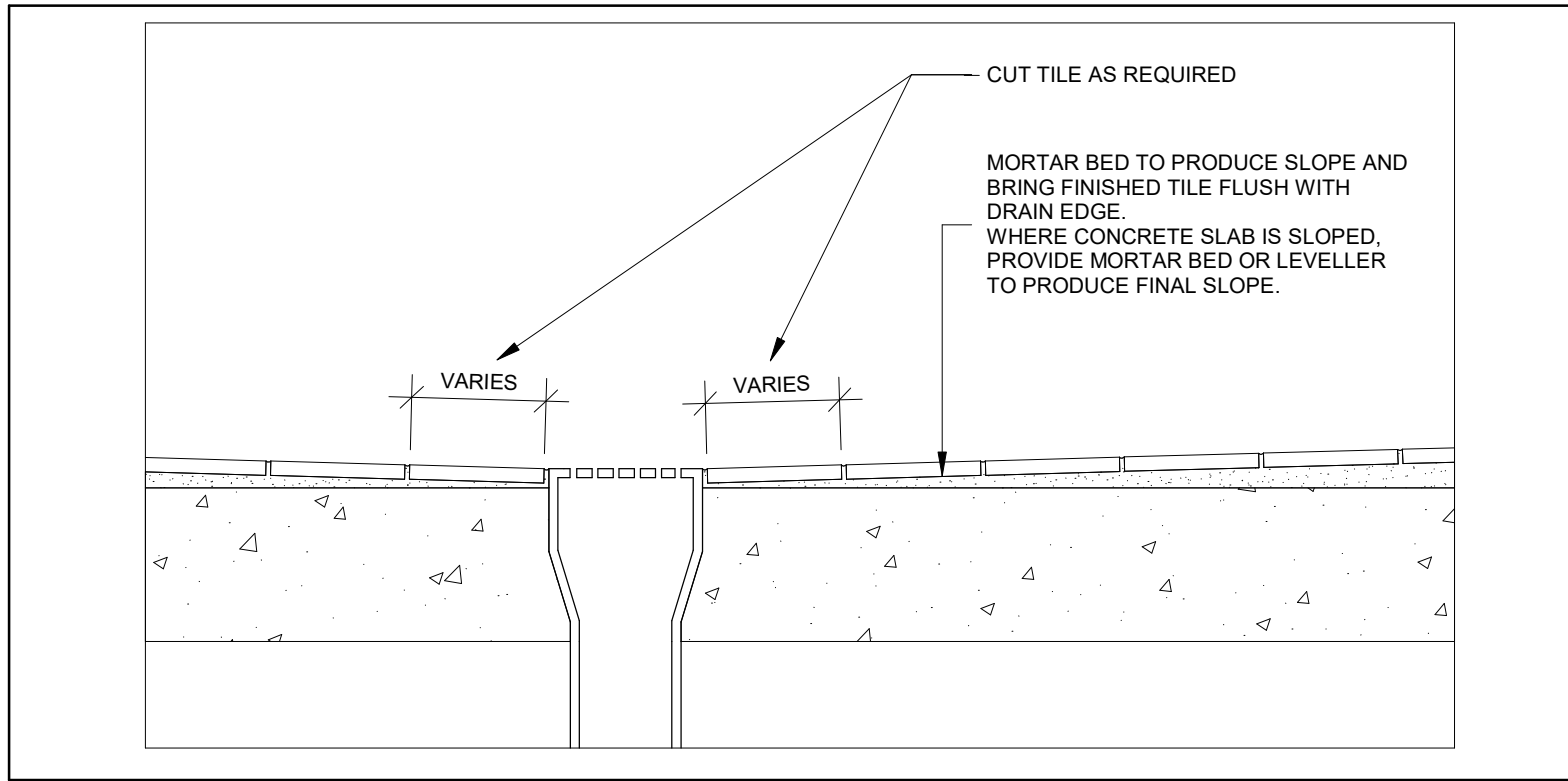
5 URINAL MOUNTING HEIGHT
A104 Scale: 1 : 20



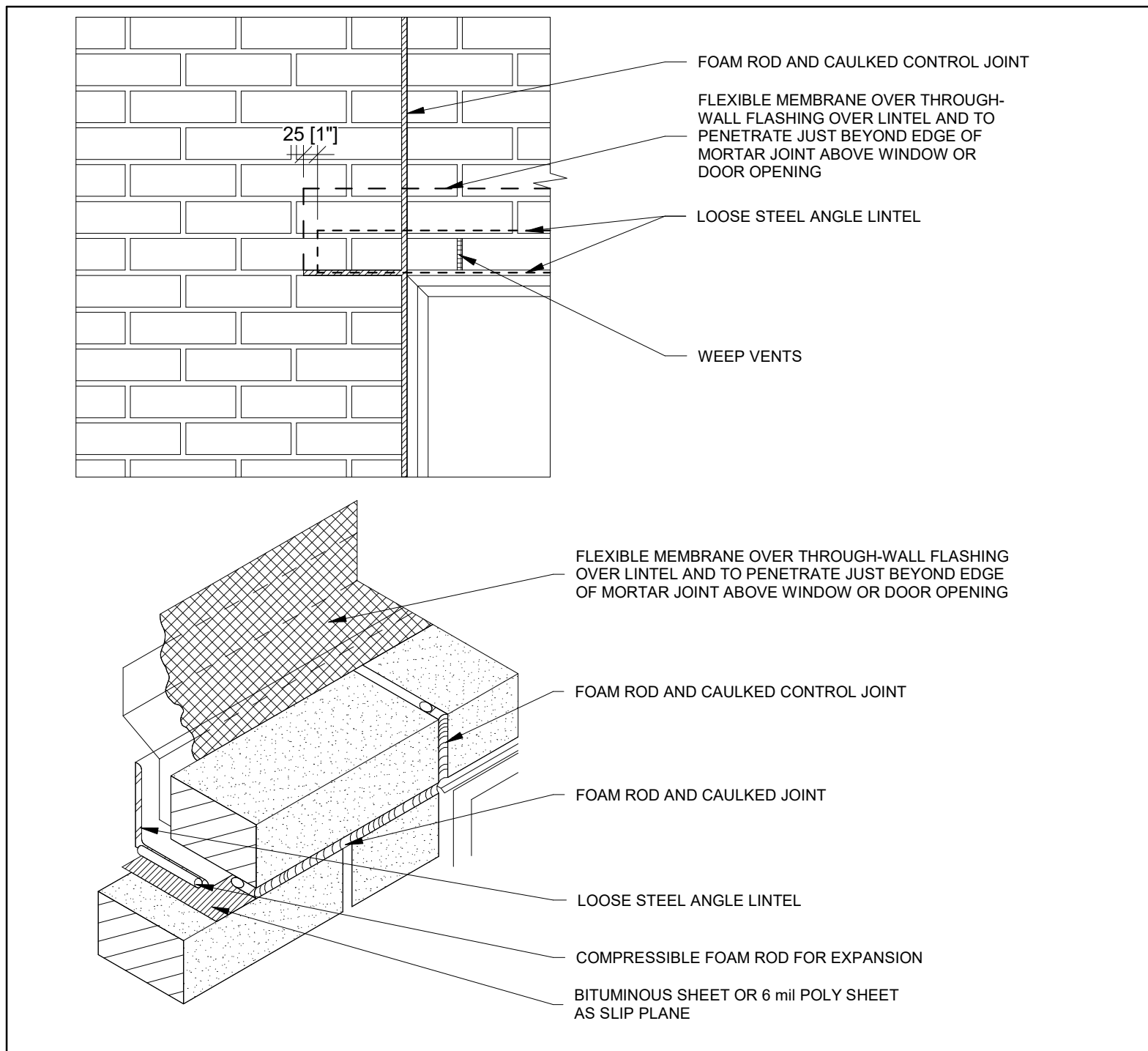
RESERVED




3 BARRIER-FREE LAVATORY MOUNTING HEIGHTS AND DISTANCES
A104 Scale: 1 : 20



10 TILE AT FLOOR DRAIN
A104 Scale: 1 : 5



19 STEEL ANGLE LINTEL IN MASONRY AT WINDOW HEAD
A104 Scale: 1 : 10



KEYPLAN

No.	ISSUANCE	DATE
1	ISSUED FOR 100% OWNER REVIEW	2024.11.11
2	ISSUED FOR PERMIT	2024.12.03
3	ISSUED FOR BID	2025.05.09

CLIENT
DURHAM CATHOLIC DISTRICT SCHOOL BOARD
652 Rossland Road West, Oshawa, ON

PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
TYPICAL DETAILS

WALTERFEDY
TORONTO | CALGARY | KITCHENER | HAMILTON
800.665.1378 walterfedy.com

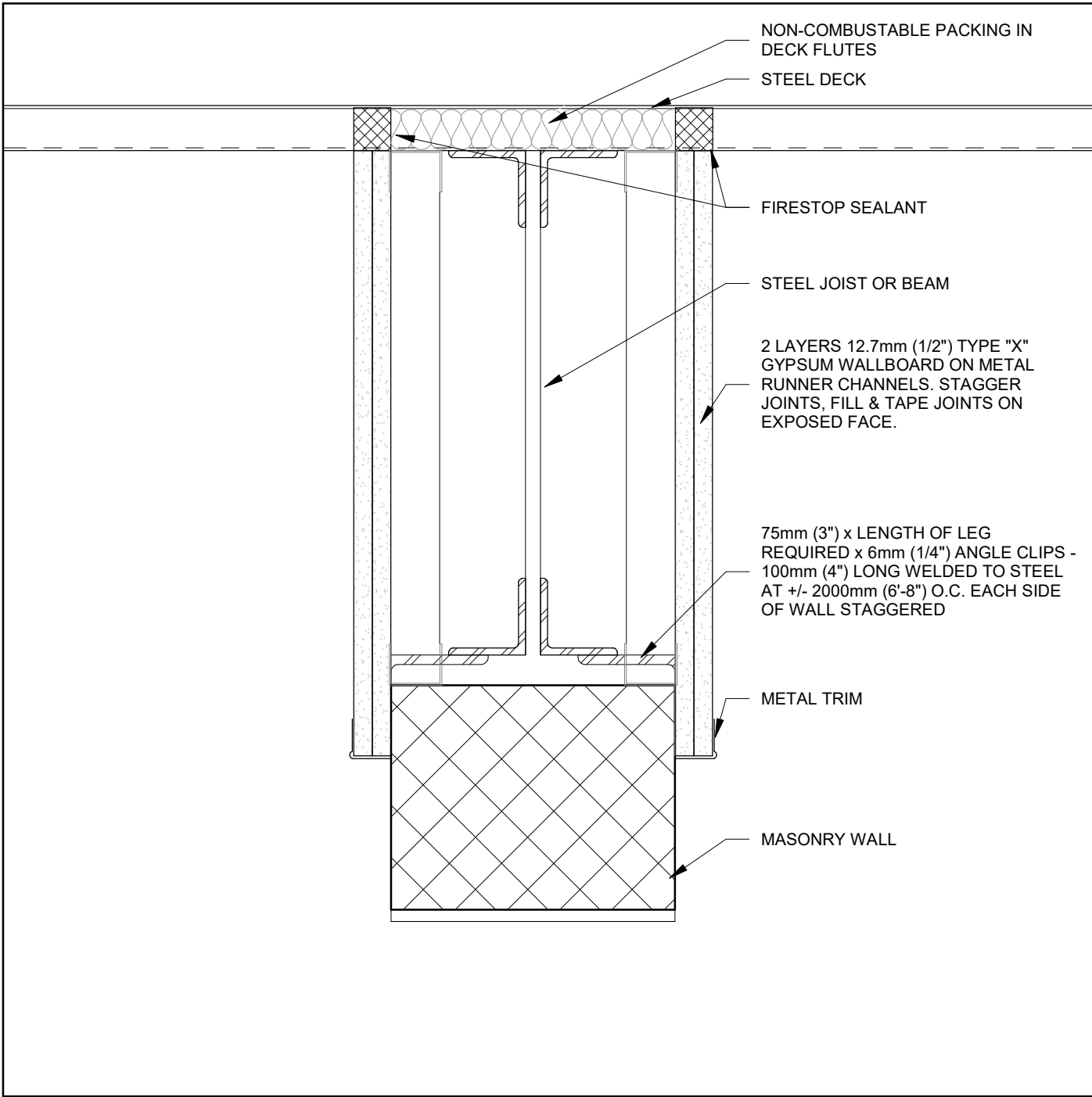
SEAL

2025.05.09
of
ARCHITECTS
MARIA JOSE MELO
LICENCE
9327
2023-0755-10

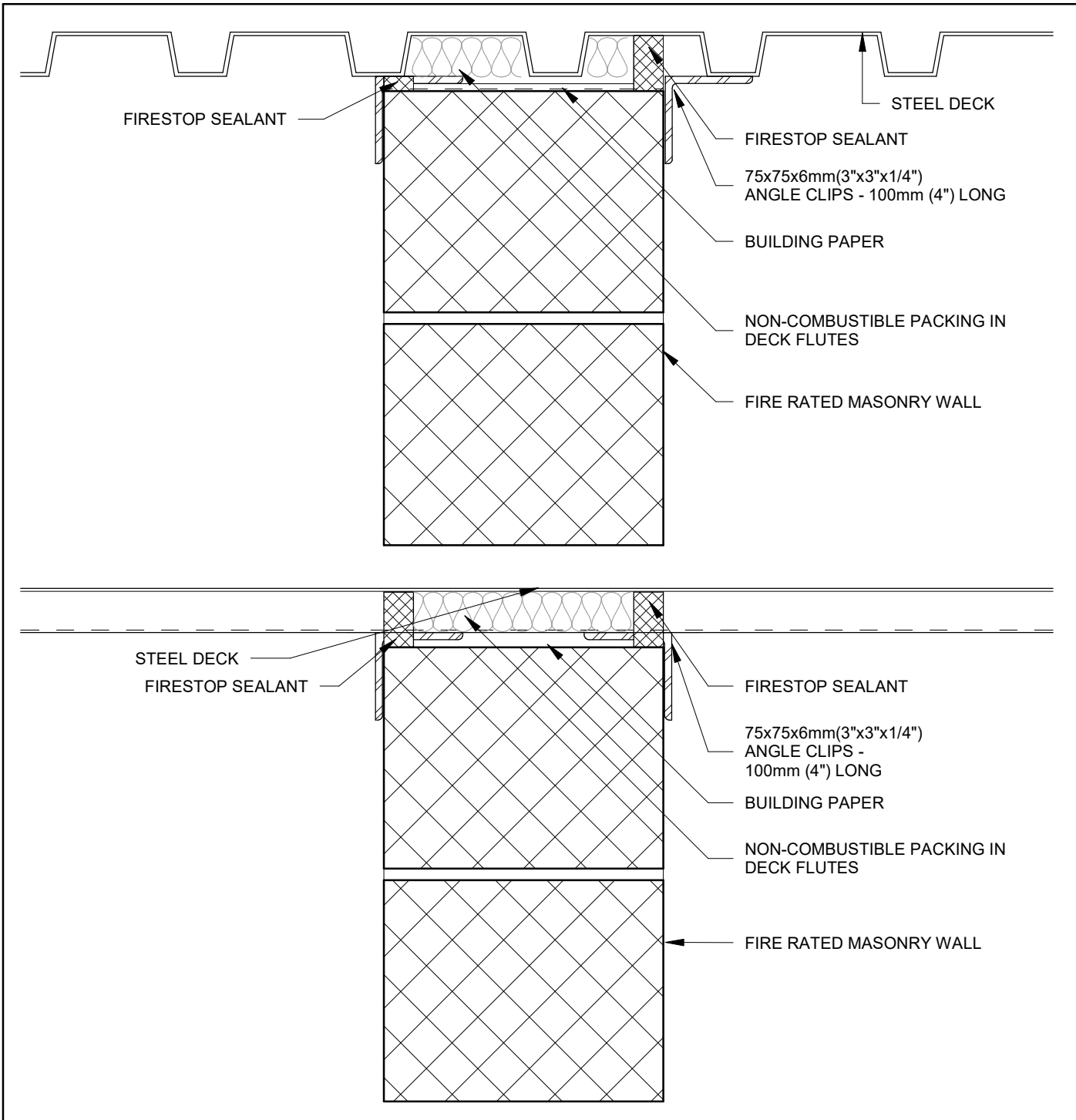
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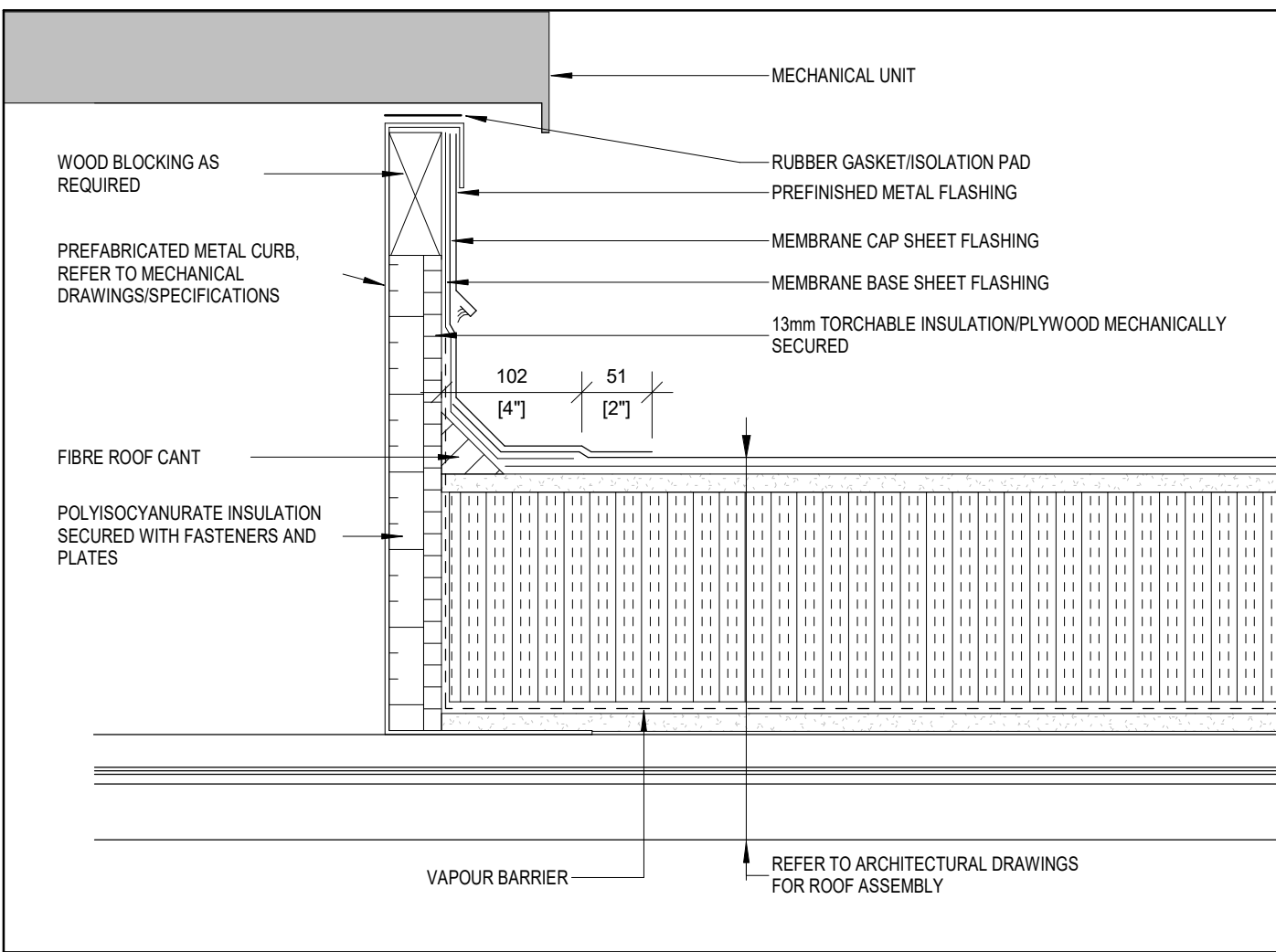
SCALE:	As Indicated	SHEET NO:
DATE:	2025-05-09	A104
PROJECT NO:	2023-0753-10	
DRAWN BY:	CS	
CHECKED BY:	MM/SG	



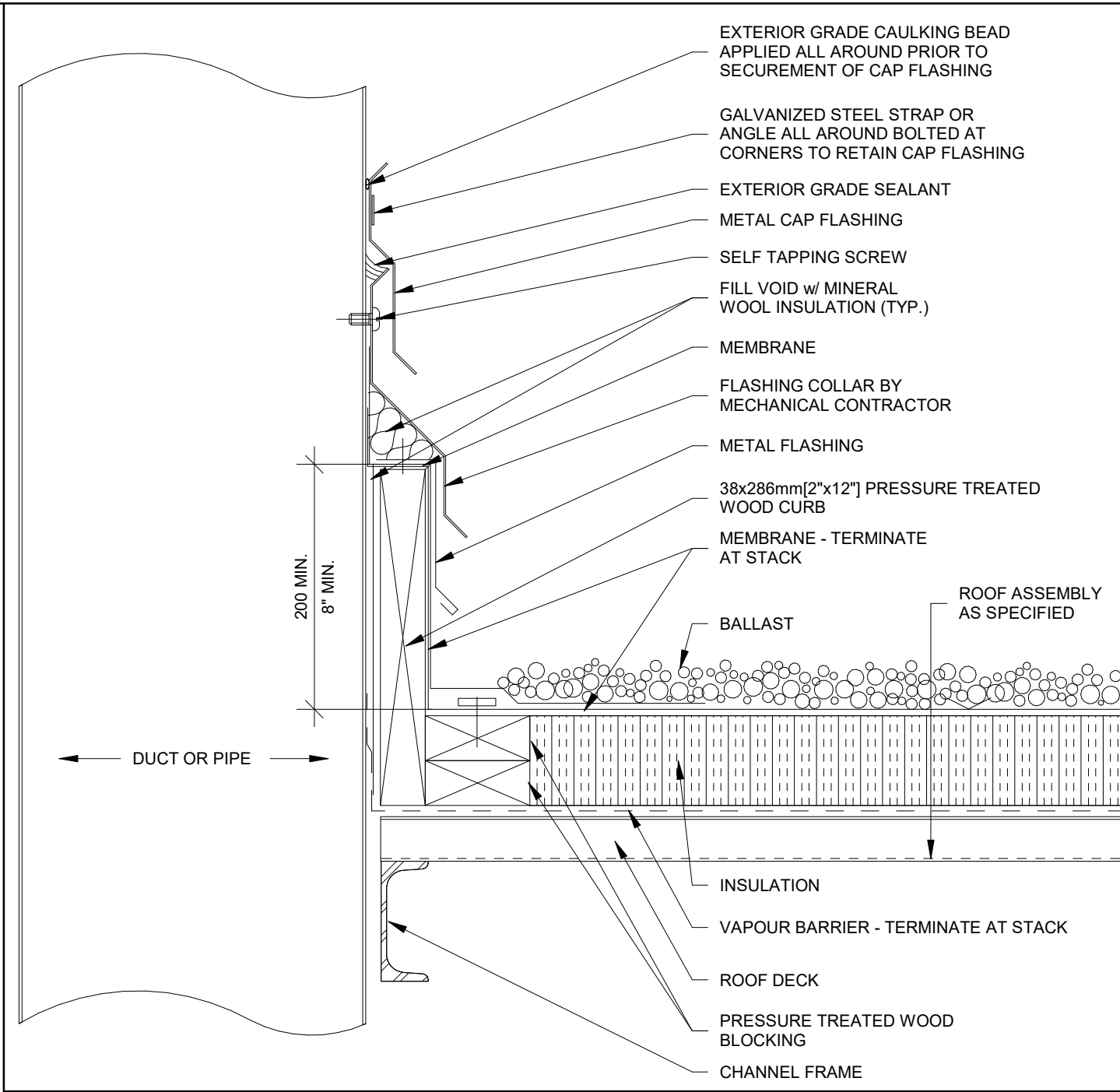
1 MASONRY RATED WALLS (1 & 1.5 HR) PARALLEL TO STRUCT.
A105 Scale: 1 : 5



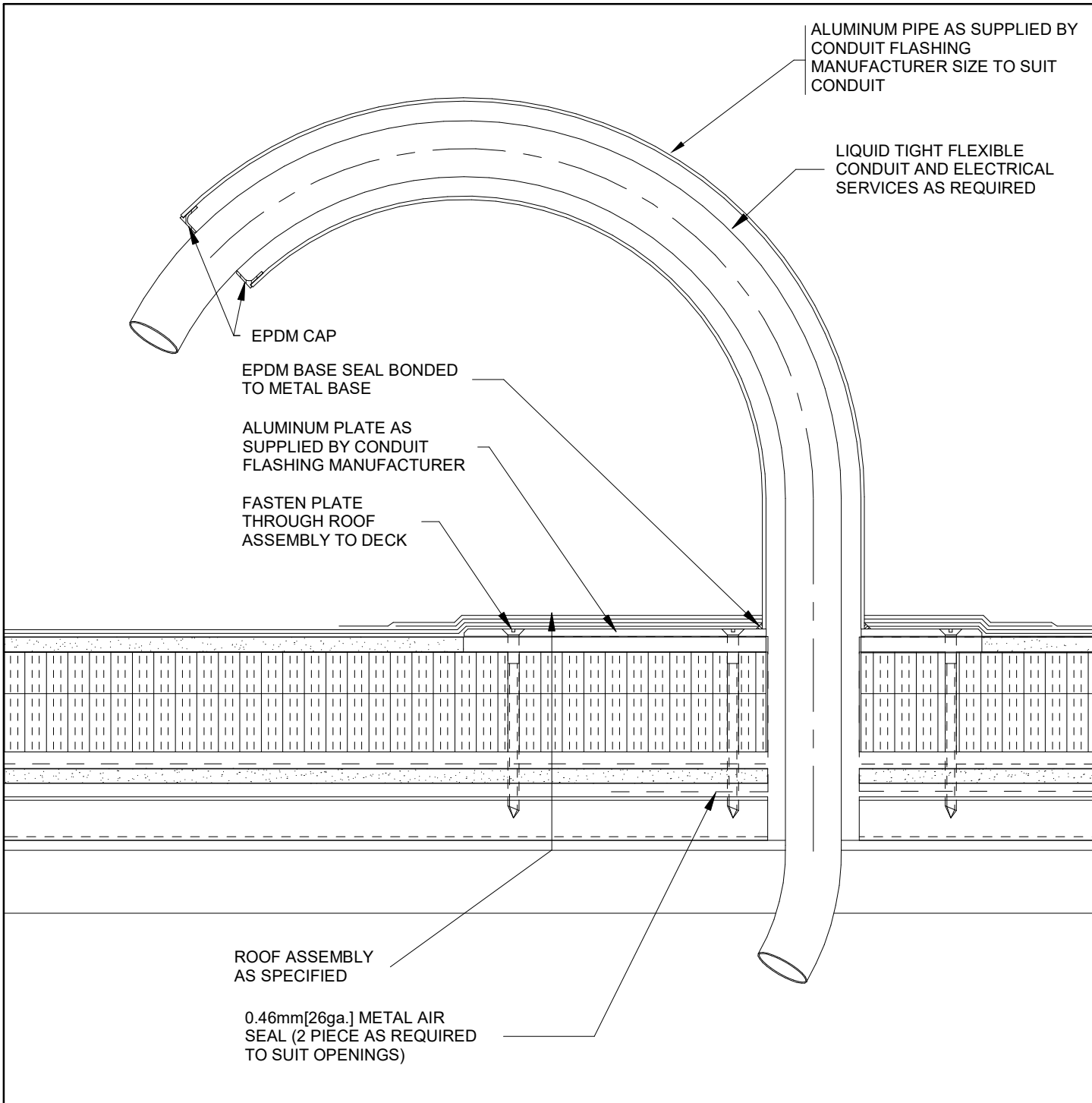
5 RATED MASONRY WALLS AT STEEL DECK FLR CONSTR.
A105 Scale: 1 : 5



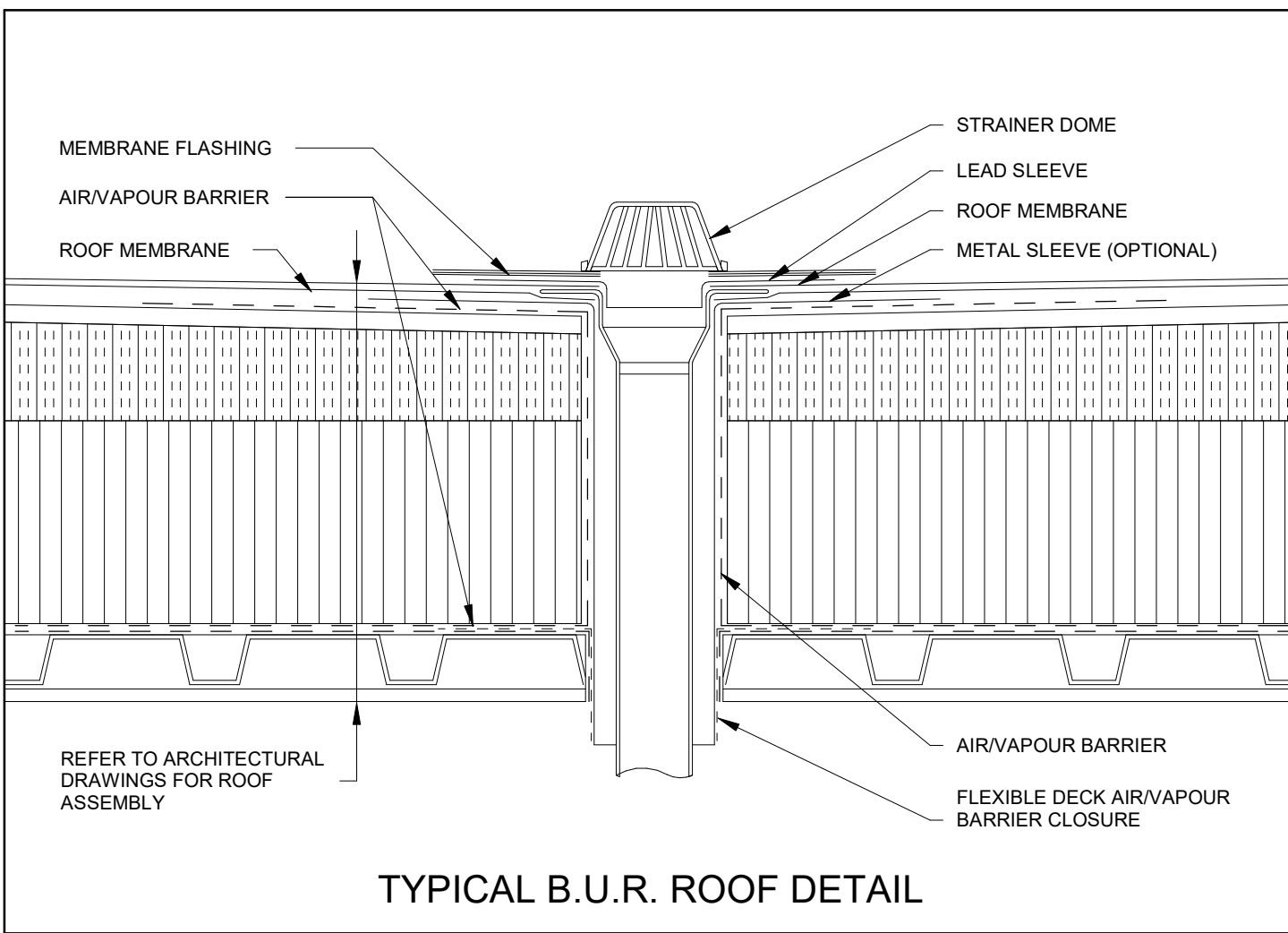
7 TYP. B.U.R. ROOF TOP MECH. UNIT CURB DETAIL
A105 Scale: 1 : 5



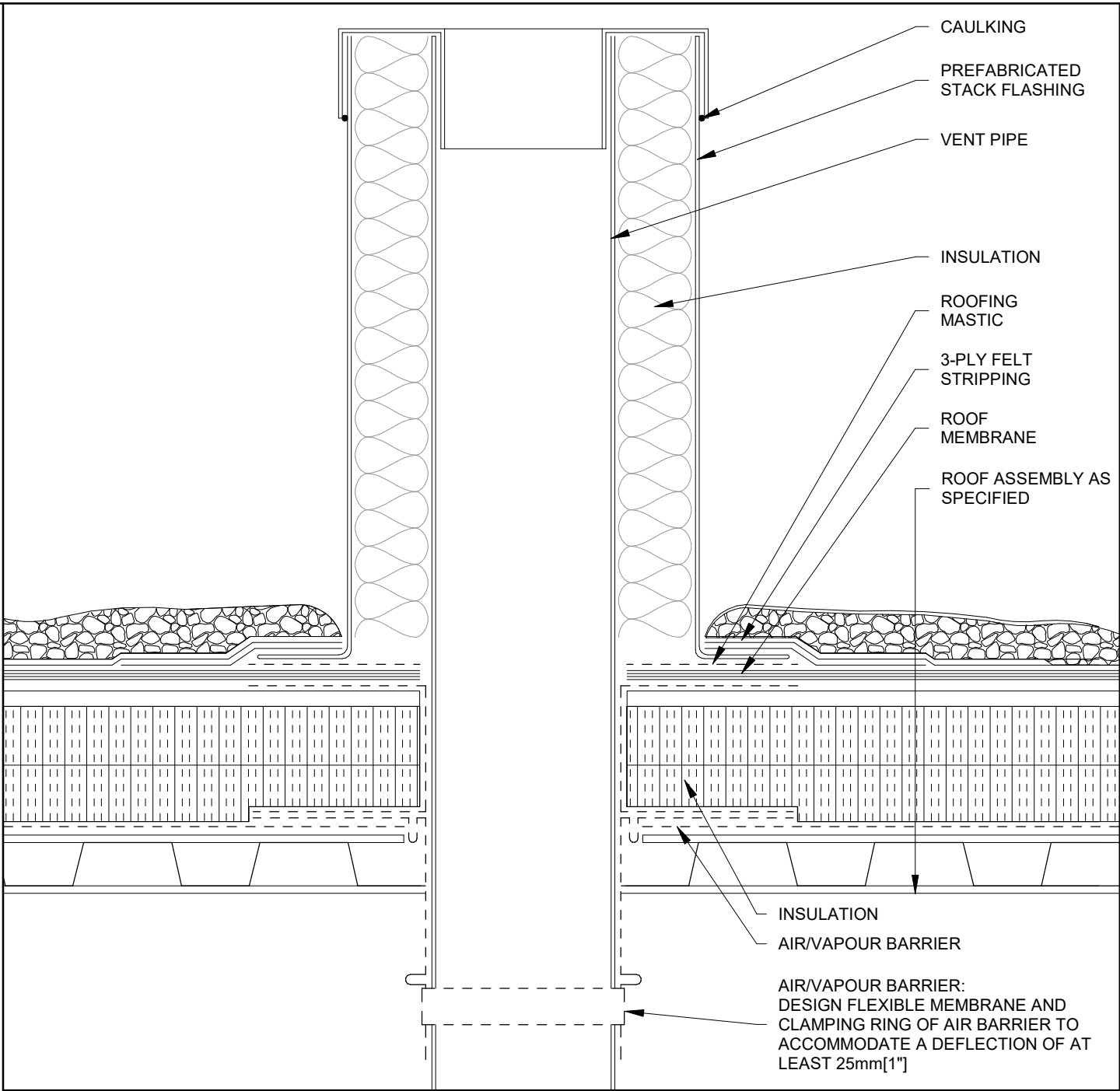
2 CURBS FOR ROOF VENTS, FANS, ETC.
A105 Scale: 1 : 5



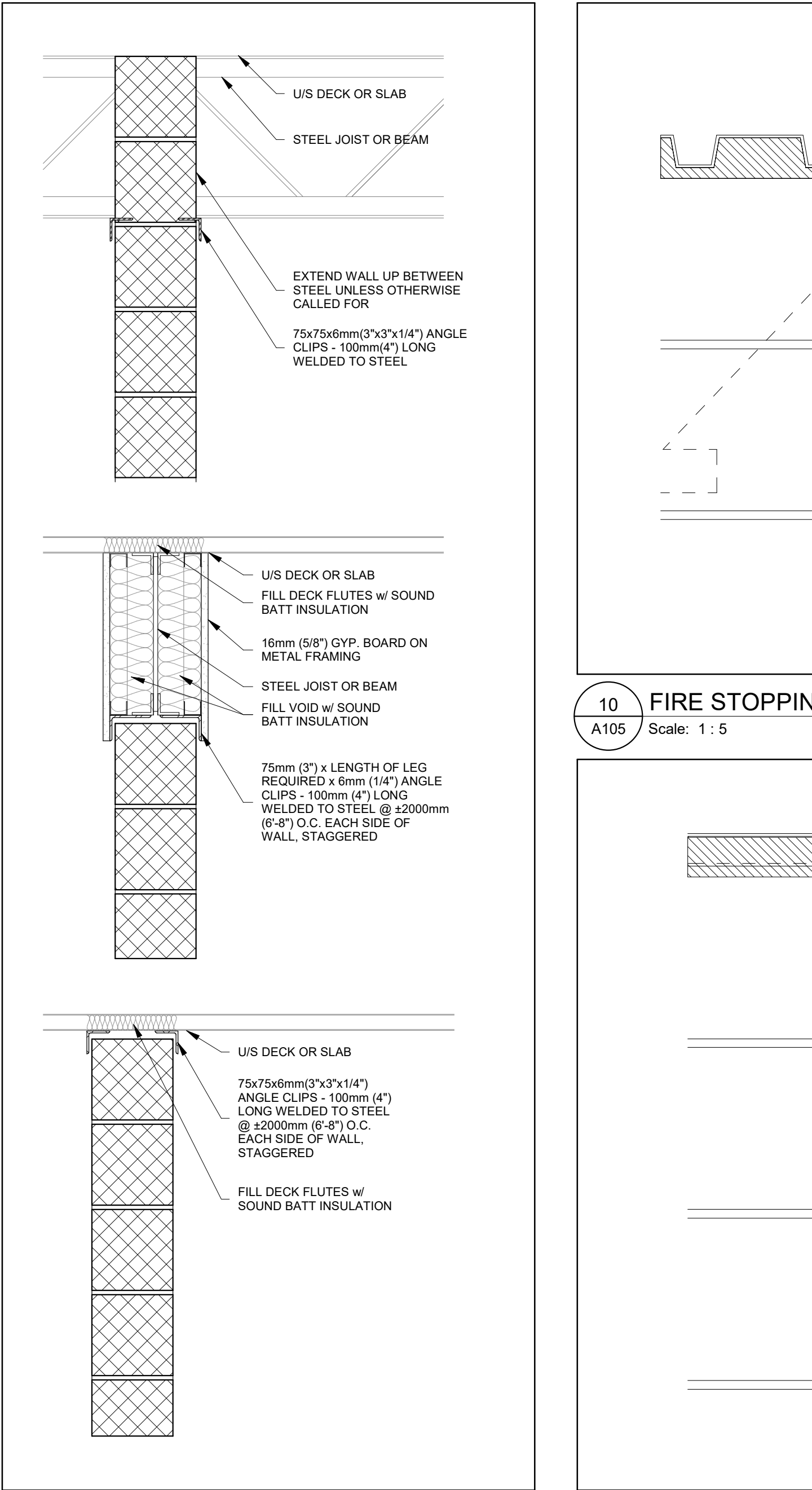
6 LIQUID TIGHT CONDUIT FLASHING
A105 Scale: 1 : 5



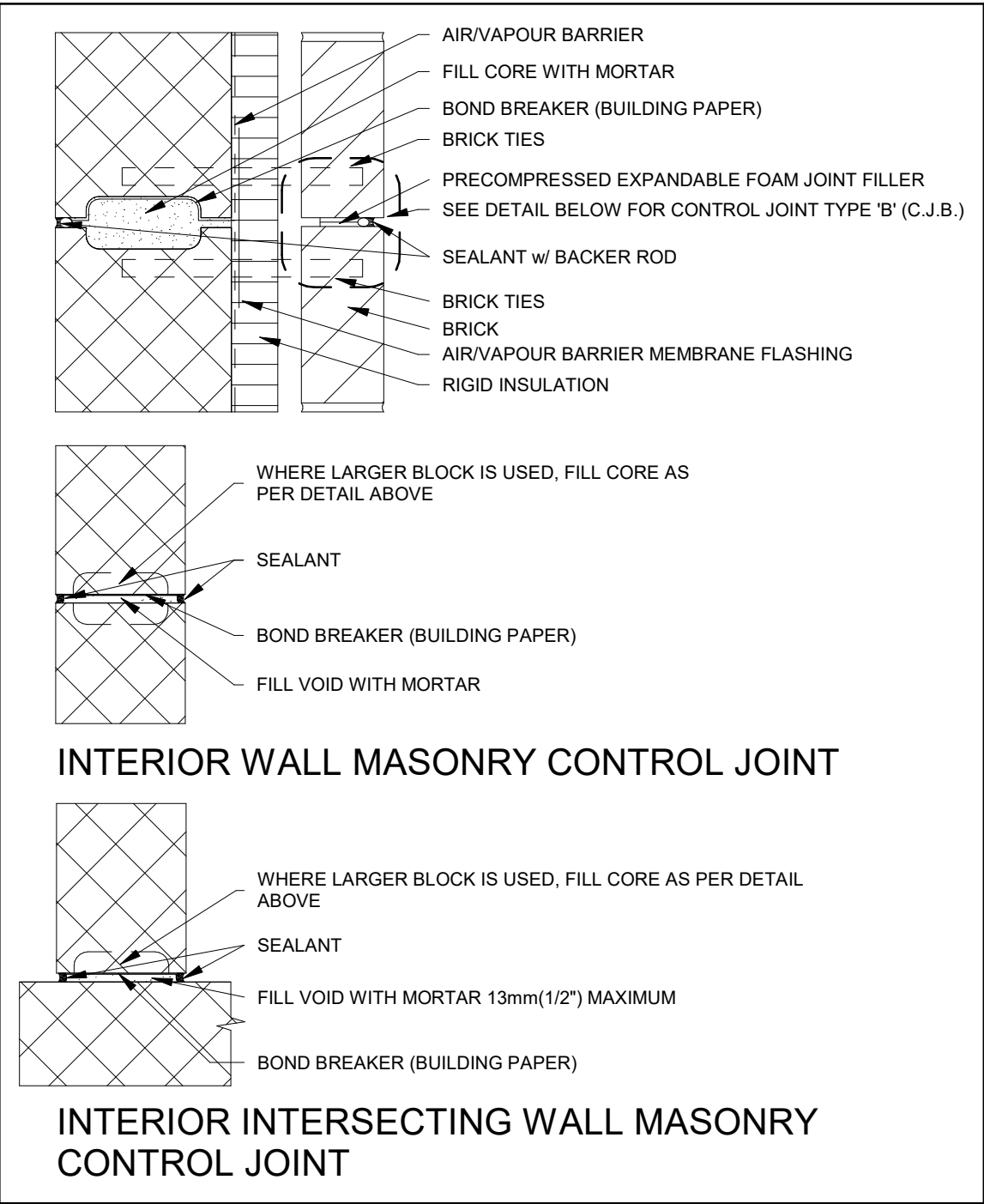
8 TYPICAL ROOF DRAIN AND TYPICAL RETROFIT ROOF DRAIN
A105 Scale: 1 : 5



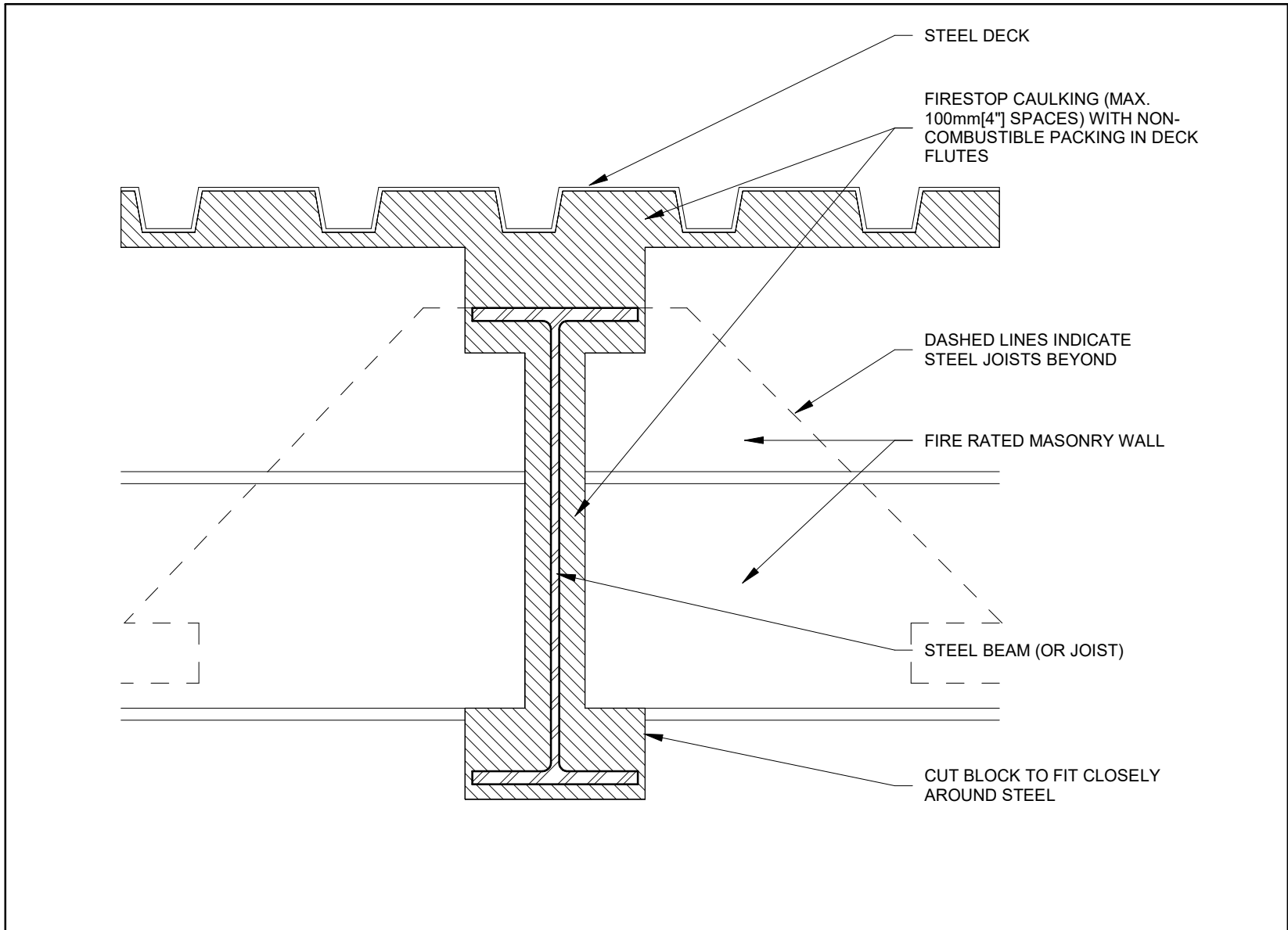
3 PREFABRICATION STACK FLASHING
A105 Scale: 1 : 5



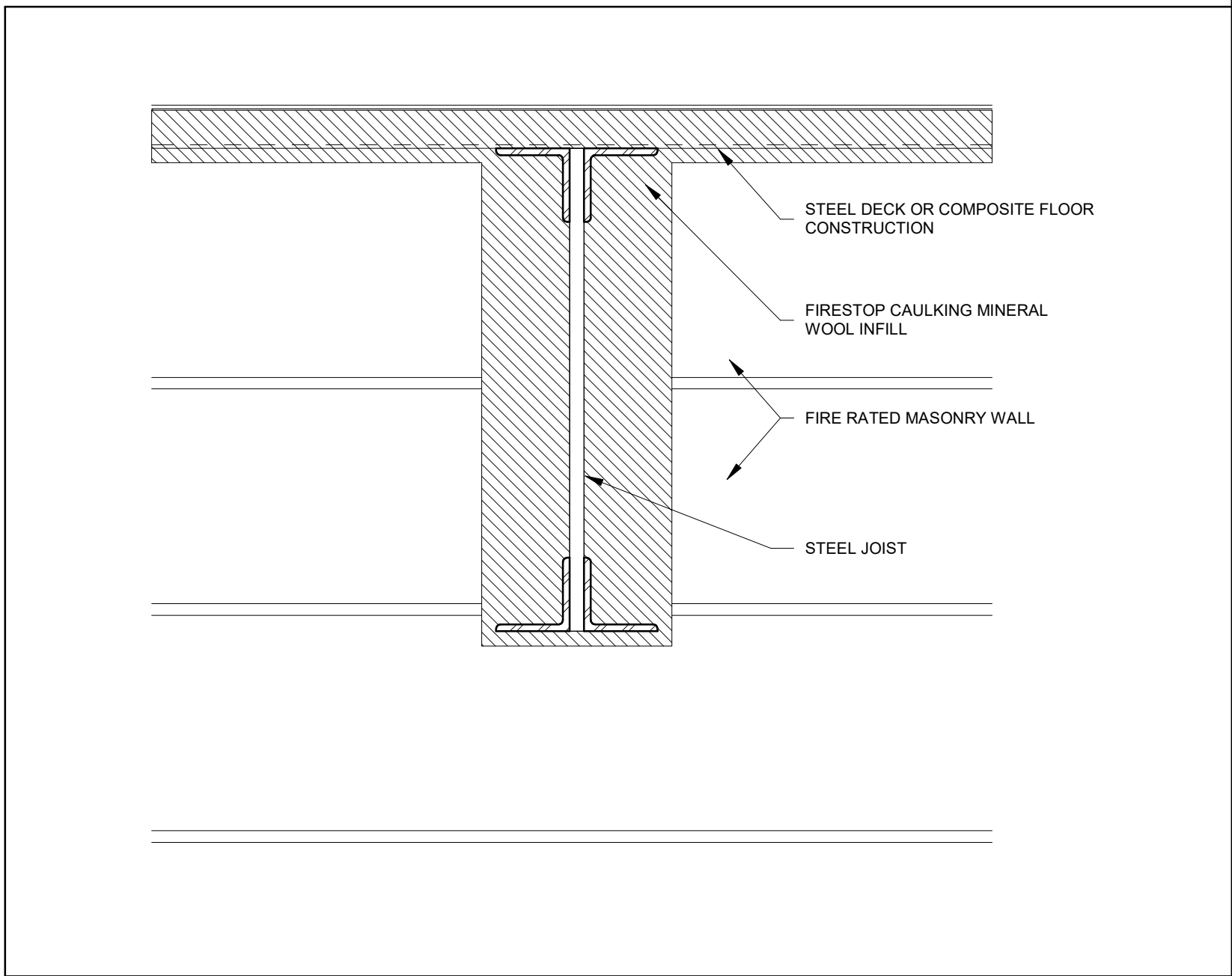
9 ANCHORAGE T/O MASONRY WALL
A105 Scale: 1 : 10



4 TYPE 'A' MASONRY CONTROL JOINT DETAILS
A105 Scale: 1 : 7



10 FIRE STOPPING: STEEL BEAM/JOIST AT RATED MASONRY WALL
A105 Scale: 1 : 5



11 STEEL JOIST PASSING THROUGH A RATED MASONRY WALL
A105 Scale: 1 : 5



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TITLE
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800.685.1378 walterfedy.com

SEAL

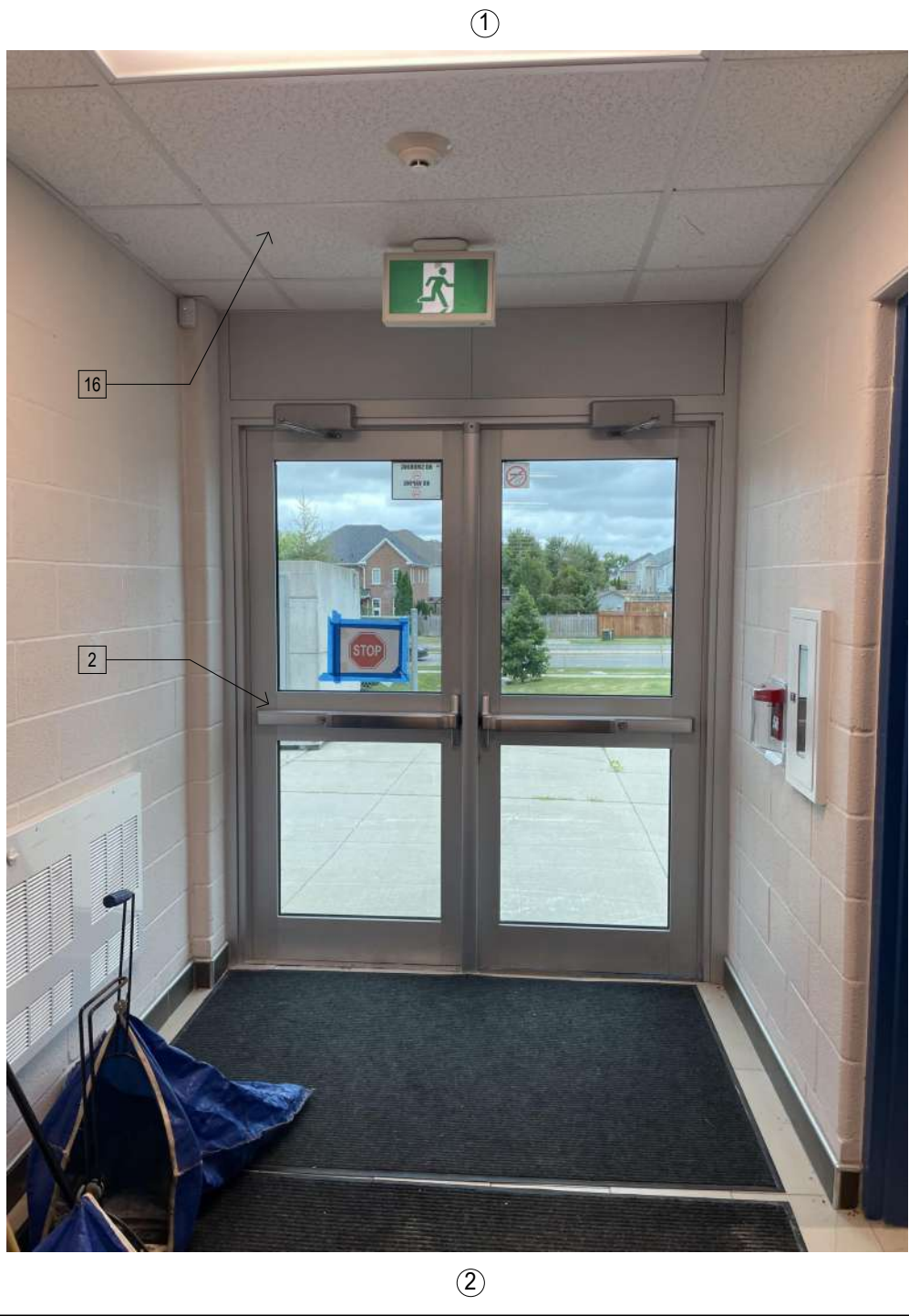
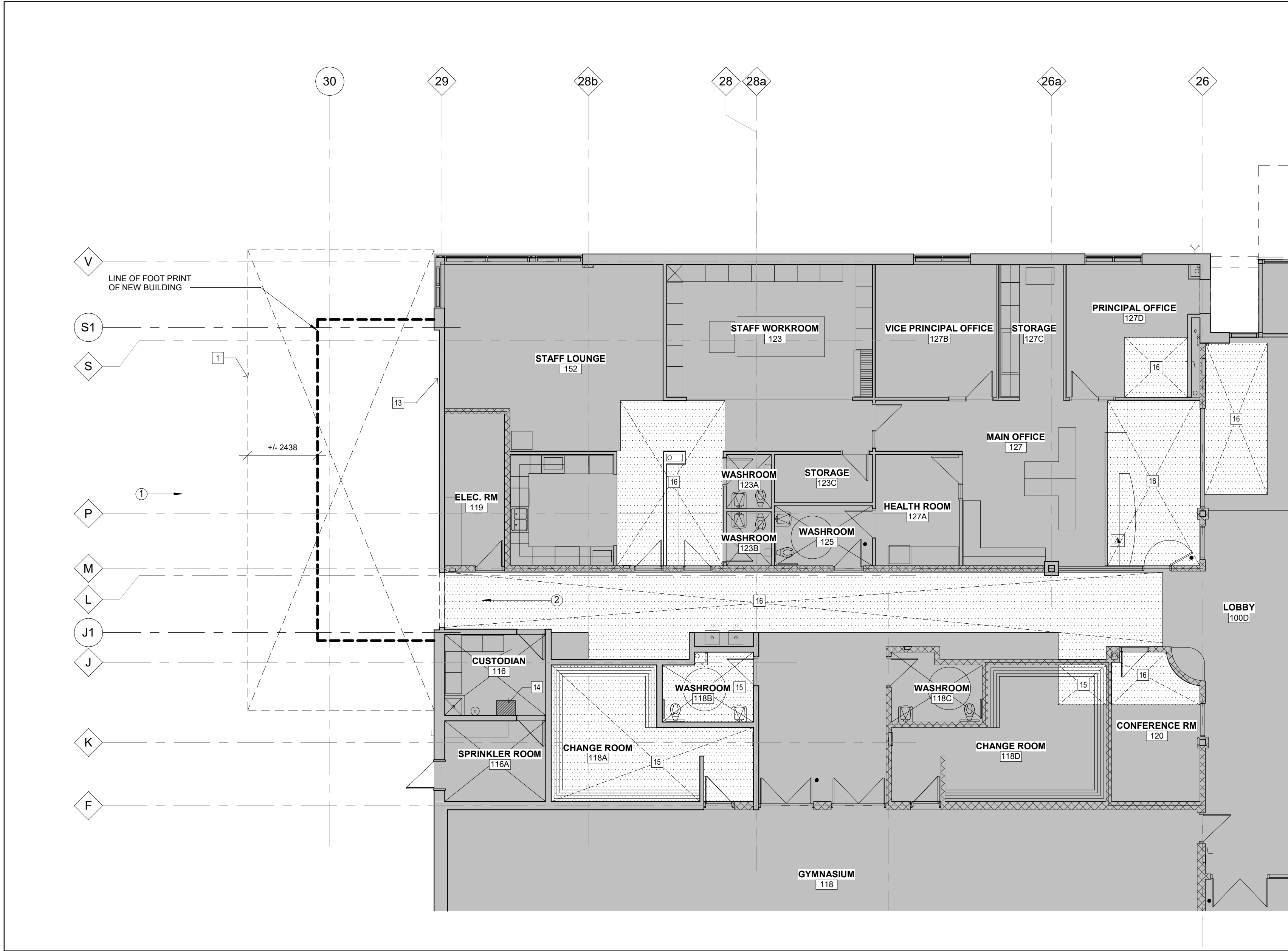


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SCALE:	As Indicated	SHEET NO:
DATE:	2025-05-09	
PROJECT NO:	2023-0753-10	
DRAWN BY:	Author	
CHECKED BY:	Checker	

A105

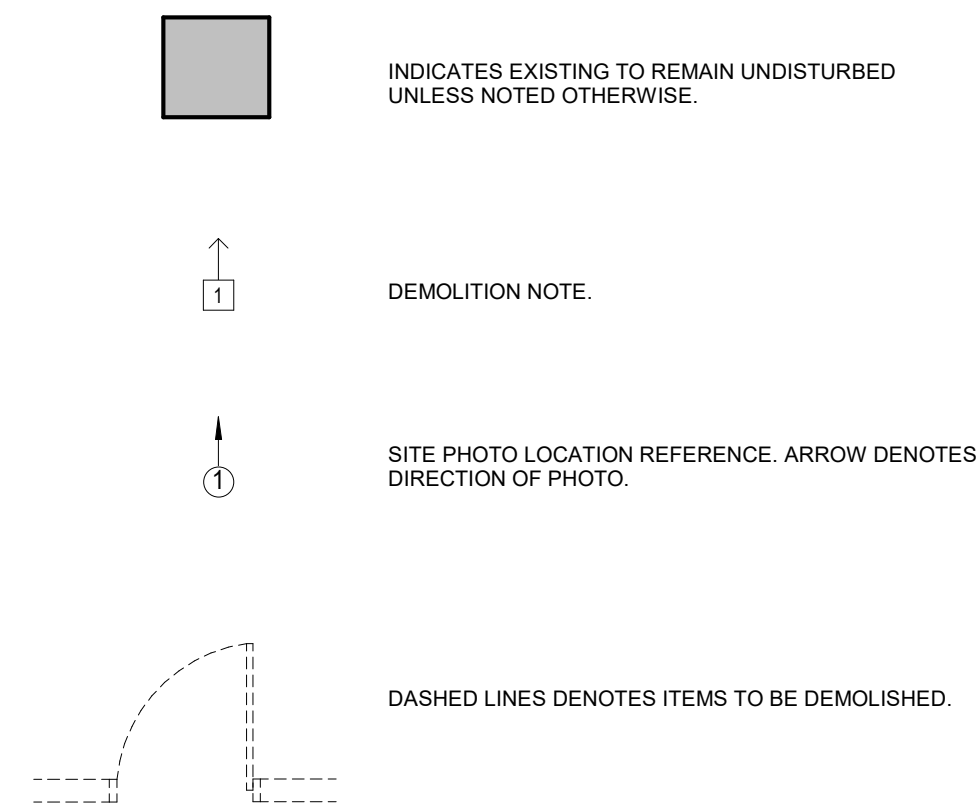


1 PARTIAL GROUND FLOOR DEMOLITION PLAN
A106 Scale: 1 : 100

GENERAL NOTES:

- CARRY OUT ALL DEMOLITION, REMOVAL AND DISPOSAL IN ACCORDANCE WITH APPLICABLE PROVINCIAL AND LOCAL REGULATIONS.
- EXECUTE DEMOLITION IN AN ORDERLY AND CAREFUL MANNER WITH DUE CONSIDERATION FOR ADJACENT STRUCTURES AND FINISHES.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF THE REMAINING STRUCTURE, INCLUDING ALL NECESSARY BRACING OR SHORING THAT IS REQUIRED.
- CONTRACTOR TO ENSURE ALL EXIT SIGNAGE TO REMAIN AS INSTALLED AND ENSURE EMERGENCY FIXTURES ARE OPERATIONAL. CONTRACTOR TO PROVIDE RE-SUPPORT AS REQUIRED TO SUIT PHASING.
- PATCH AND MAKE GOOD ALL EXISTING WALLS DISTURBED BY REMOVAL OF ADJACENT SURFACES. INCLUDING RE-PAINTING OF ENTIRE WALL TO NEAREST CORNERS, FLOOR, CEILING OR DECK.
- CONTRACTOR TO SITE VERIFY ALL DIMENSIONS BEFORE COMMENCING IN ANY WORK.
- PROTECT ALL EXISTING FITMENTS AND FINISHES THAT ARE REQUIRED TO REMAIN.
- ALL REMOVALS TO BE IN A CAREFUL MANNER. EXISTING ADJACENT SURFACES SHALL REMAIN UNDISTURBED DURING DEMOLITION.
- CONTRACTOR TO ENSURE ALL MANUAL PULL STATIONS AND FIRE ALARM BELLS REMAIN OPERATIONAL. IF A DEVICE MUST BE REMOVED FOR ANY REASON, THE DEVICE MUST BE PROPERLY REPROGRAMMED BY QUALIFIED FIRE ALARM TECHNICIAN AND REACTIVATED AT END OF WORKING DAY.
- REFER TO MECHANICAL AND ELECTRICAL SPECIFICATIONS, DRAWINGS OR DEMOLITION NOTES FOR DETAILS OF SCOPE RELATED TO MECHANICAL AND ELECTRICAL DEMOLITIONS.
- LOCATE AND DISCONNECT, CAP AND PLUG ALL GAS, WATER, SEWER, HYDRO, TELEPHONE AND OTHER SERVICES AS REQUIRED. CO-ORDINATE WITH OWNER FOR SERVICES TO REMAIN LIVE. PREARRANGE WITH CONSTRUCTION MANAGER PRIOR TO ANY SERVICE SHUTDOWNS.
- CONTRACTOR TO REPORT ALL DISCREPANCIES TO CONSTRUCTION MANAGER FOR CONFIRMATION / CLARIFICATION PRIOR TO COMMENCEMENT OF ANY DEMOLITION SCOPE.
- FIRE WATCH MUST BE PROVIDED BY THE CONTRACTOR WITHOUT EXTRA COST TO THE OWNER IF THE FIRE ALARM SYSTEM HAS TO BE TEMPORARILY DISCONNECTED. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND PAYING FOR ALL RE-VERIFICATIONS.
- MAKE GOOD ALL TRANSITIONS BETWEEN EXISTING AND NEW CONSTRUCTION.
- MAINTAIN THE EXISTING BUILDING IN A WEATHER AND WATER TIGHT CONDITION AT ALL TIMES. UPON COMPLETION OF DEMOLITION AT THE END OF EACH DAY LEAVE THE INTERIOR SURFACES BROOM CLEAN.
- CONTRACTOR SHALL EXECUTE ALL DEMOLITION WORK AS REQUIRED TO ACCOMMODATE THE UPGRADES AND NEW WORK AS NOTED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR BEING FAMILIAR WITH THE EXISTING BUILDING BEFORE THE START OF DEMOLITION AND CONSTRUCTION OF THE PROJECT. SHOULD A CONFLICT OCCUR BETWEEN THE CONTRACT DOCUMENTS AND THE EXISTING BUILDING, THE CONTRACTOR IS TO IMMEDIATELY NOTIFY THE CONSULTANT.
- MAINTAIN INTEGRITY OF EXISTING FIRE RATED CONSTRUCTION AT ALL TIMES. IF EXISTING FIRE RATING MATERIAL IS DAMAGED OR REMOVED, REINSTATE IMMEDIATELY EQUAL TO EXISTING RATINGS.
- WHEN PERFORMING CONCRETE SLAB REMOVALS AND EXCAVATIONS FOR MECHANICAL SERVICE CONNECTIONS, CONTRACTOR SHALL TAKE CARE NOT TO UNDERMINE EX. BLOCK WALLS OR CONCRETE SLAB. PROVIDE TEMPORARY SHORING OR LEAN CONCRETE FILL AS REQUIRED.
- TEMPORARY HOARDING TO BE REMOVED COMPLETE ONCE BUILDING IS TOTALLY CLOSED IN. EXISTING SURFACES TO BE RESTORED.
- TEMPORARY HOARDING SHOWN AS APPROXIMATE IF REQUIRED. FINAL LOCATION TO BE COORDINATED ON SITE.
- EXTENT OF SLAB CUTTING SHOWN APPROXIMATE. CO-ORDINATE WITH MECH., ELEC. AND STRUCT. DWGS. FOR ADDITIONAL CUTTING.
- PATCH CONC. SLAB LEVEL TO ADJACENT WHERE DISTURBED BY MASONRY WALL REMOVAL.
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCING WORK. THIS DRAWING IS INTENDED TO ASSIST THE CONTRACTOR WITH COSTING THE DEMOLITION NECESSARY FOR THE CONTRACT. IT IS NOT TO BE TAKEN AS AN ALL INCLUSIVE INVENTORY OF THE WORK. THE CONTRACTOR MUST ESTABLISH THE FULL EXTENT OF WORK FROM ON SITE EXAMINATION.
- PATCH AND MAKE GOOD ALL FLOORS WHERE DISTURBED BY REMOVAL OF WALL ASSEMBLY AND/OR EXISTING FINISHES.
- PATCH AND MAKE GOOD ALL EXISTING MASONRY WALLS DISTURBED BY REMOVAL OF ADJACENT SURFACES.
- IT SHALL BE THE RESPONSIBILITY OF THE GC TO HAVE EXISTING FLOORS SCANNED TO ENSURE NO DAMAGE IS DONE TO EXISTING SERVICES DURING CUTTING AND TRENCHING.

DEMOLITION LEGEND:

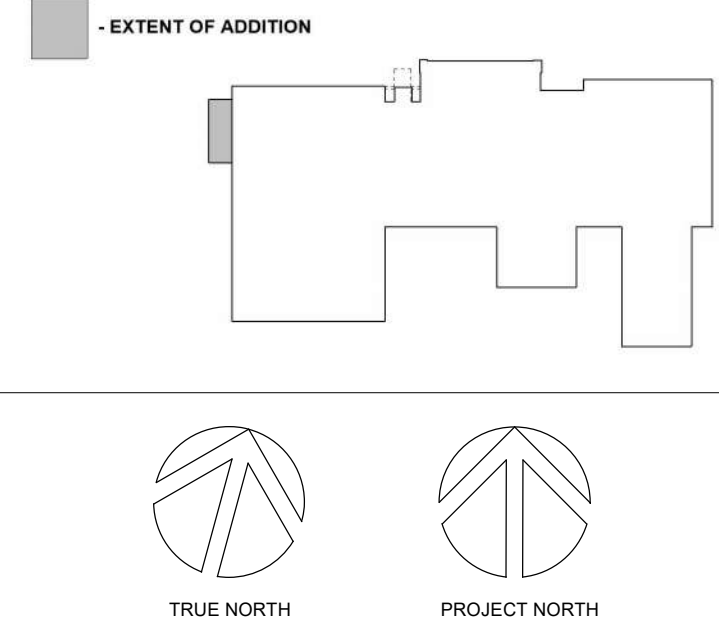


DEMOLITION NOTES:

- SAW CUT AND REMOVE PORTION OF EXISTING CONCRETE SURFACE COMPLETE AND DISPOSE OFF SITE. EXISTING GRANULAR BELOW CONCRETE TO BE REMOVED AND OR REWORKED AS REQUIRED FOR NEW BUILDING LAYOUT. REWORK EXISTING CONCRETE AND PROVIDE NEW CONCRETE STRUCTURE (MIN. 125mm CONCRETE, 125mm GRANULAR 'A' COMPACTED TO 100% STANDARD PROCTOR DENSITY) AS REQUIRED FOR NEW ADDITION. BLEND TO EXISTING CONCRETE AT LIMITS OF DISTURBANCE AT 2% SLOPE. ALL EXISTING CONCRETE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION PHASE.
- EXISTING DOOR, FRAME AND RELATED HARDWARE TO BE REMOVED AND REPLACED. TURN OVER TO OWNER. PATCH AND MAKE GOOD ALL EXISTING SURFACE TO REMAIN.
- EXISTING EXTERIOR LIGHT FIXTURE TO BE REMOVED AND RELOCATED. SEE ELECTRICAL.
- REMOVE EXISTING ROOF MEMBRANE, FIBREBOARD, INSULATION AND VAPOUR BARRIER IN THEIR ENTIRETY TO EXPOSE EXISTING CONCRETE SLAB.
- REMOVE EXISTING ROOF DRAINS AND CAP RAIN WATER LEADERS BELOW EXISTING STEEL DECK. REFER TO MECHANICAL DEMOLITION DRAWINGS.
- REMOVE EXISTING PARAPET AND CANT STRIP IN ITS ENTIRETY TO EXPOSE EXISTING CONCRETE SLAB.
- REMOVE EXISTING CONCRETE BLOCK WALL (BELOW ALUMINUM DOOR AND FRAME) SAW-CUT AND REMOVE CONCRETE BLOCK TO EXISTING FLOOR SLAB.
- REMOVE EXISTING ALUMINUM DOOR AND FRAME.
- REMOVE EXISTING WALL TO ROOF FLASHING AND CANT STRIP IN ITS ENTIRETY TO EXPOSE EXISTING CONCRETE SLAB.
- REMOVE EXISTING METAL SIDING, Z-GIRT SUPPORTS, INSULATION AND VAPOUR BARRIER TO EXPOSE EXISTING CONCRETE BLOCK.
- REMOVE EXISTING PLYWOOD CAP OVER EXISTING CONCRETE BLOCK PARAPET AND CANT STRIP ALONG HIGH ROOF, TO ALLOW FOR INSTALLATION OF NEW PARAPET. SEE SECTION 2/A501.
- REMOVE AND RELOCATE EXISTING EXHAUST FAN. REFER TO MECHANICAL DEMOLITION DRAWINGS.
- REMOVE EXISTING FACE BRICK, CAVITY INSULATION AND MASONRY TIES ALONG WALL TO EXTENT SHOWN.
- REMOVE EXISTING CONCRETE FLOOR SLAB AS REQUIRED TO ALLOW MECHANICAL TRADE TO MAKE CONNECTIONS TO EXISTING SERVICES. REFER TO MECHANICAL DRAWINGS. GC AND MECHANICAL CONTRACTOR TO VERIFY EXTENT OF SLB DEMOLITION REQUIRED.
- REMOVE EXISTING GYPSUM INCLUDING METAL STUD FRAMING. EXTENT OF GYPSUM BOARD CEILING REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL GYPSUM BOARD CEILING IN ACCORDANCE TO CEILING ASSEMBLY TYPE "C-2" UPON COMPLETION OF WORK. CEILING HEIGHT TO MATCH EXISTING HEIGHT PRIOR TO DEMOLITION.
- REMOVE EXISTING ACOUSTIC CEILING TILE INCLUDING SUSPENSION SYSTEM AND STORE FOR RE-INSTALLATION UPON COMPLETION OF WORK. EXTENT OF ACOUSTIC CEILING TILE REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL EXISTING CEILING TILES AND SUSPENSION SYSTEM UPON COMPLETION OF WORK. ALLOW FOR 30% REPLACEMENT WITH NEW ACOUSTIC TILE AND SUSPENSION SYSTEM.
- EXISTING STEEL BEAM AT EXISTING ROOF LEVEL TO REMAIN UNDISTURBED.
- EXISTING 2 COURSE CONCRETE BLOCK PARAPET ABOVE EXISTING ROOF TO REMAIN UNDISTURBED.
- EXISTING METAL CLADDING AND FRAMING ABOVE EXISTING WINDOWS TO REMAIN UNDISTURBED.



KEYPLAN



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DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

GROUND FLOOR PARTIAL DEMO PLAN

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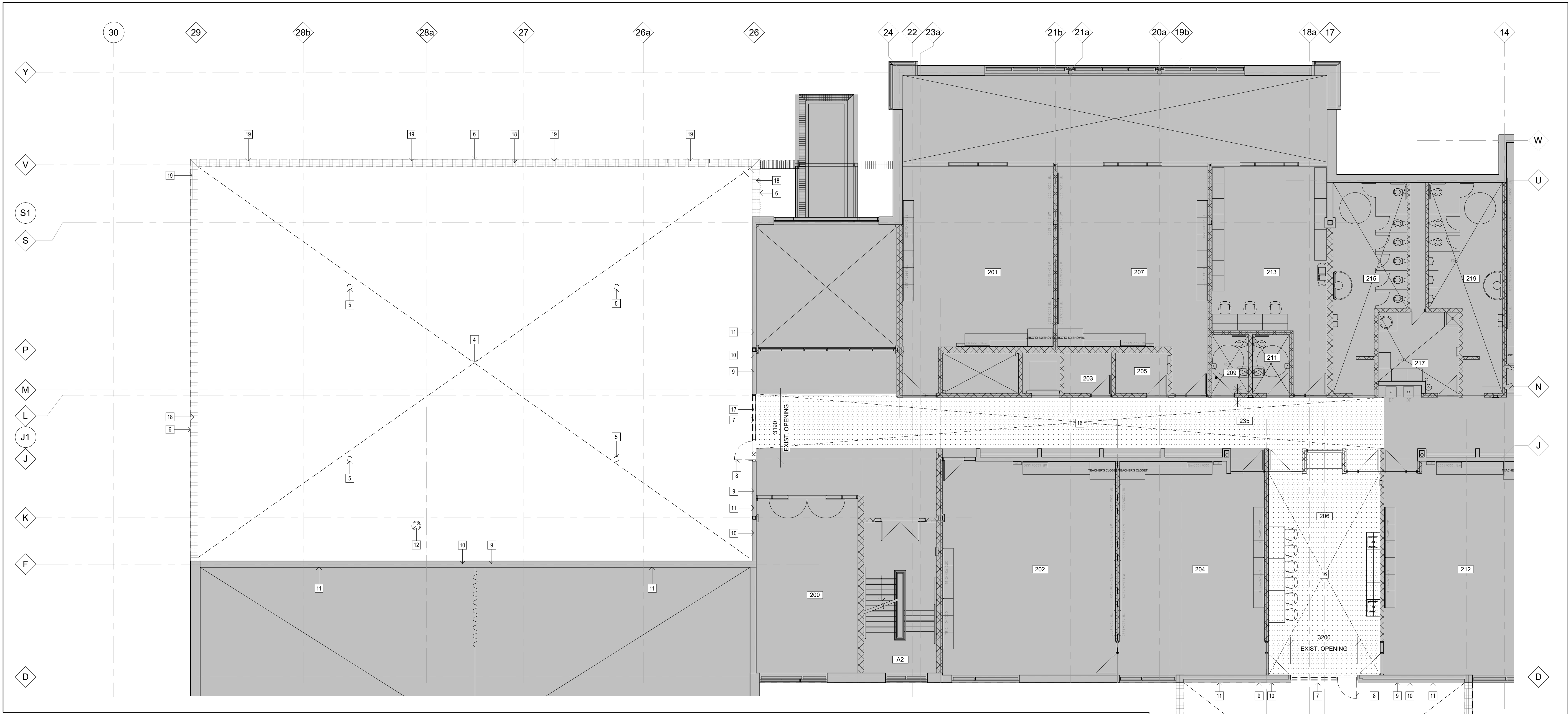
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PROJECT NO.: 2023-0753-10
DRAWN BY: EA
CHECKED BY: MM

SHEET NO.:

A106



1 PARTIAL SECOND FLOOR DEMOLITION PLAN
A107 Scale: 1 : 100

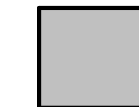
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- PATCH CONC. SLAB LEVEL TO ADJACENT WHERE DISTURBED BY MASONRY WALL REMOVAL.
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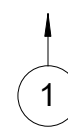
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- EXISTING EXTERIOR LIGHT FIXTURE TO BE REMOVED AND RELOCATED. SEE ELECTRICAL.
- REMOVE EXISTING ROOF MEMBRANE, FIBREBOARD, INSULATION AND VAPOUR BARRIER IN THEIR ENTIRETY TO EXPOSE EXISTING CONCRETE SLAB.
- REMOVE EXISTING ROOF DRAINS AND CAP RAIN WATER LEADERS BELOW EXISTING STEEL DECK. REFER TO MECHANICAL DEMOLITION DRAWINGS.
- REMOVE EXISTING PARAPET AND CANT STRIP IN ITS ENTIRETY TO EXPOSE EXISTING CONCRETE SLAB.
- REMOVE EXISTING CONCRETE BLOCK WALL (BELOW ALUMINUM DOOR AND FRAME) SAW-CUT AND REMOVE CONCRETE BLOCK TO EXISTING FLOOR SLAB.
- REMOVE EXISTING ALUMINUM DOOR AND FRAME.
- REMOVE EXISTING WALL TO ROOF FLASHING AND CANT STRIP IN ITS ENTIRETY TO EXPOSE EXISTING CONCRETE SLAB.
- REMOVE EXISTING METAL SIDING, Z-GIRT SUPPORTS, INSULATION AND VAPOUR BARRIER TO EXPOSE EXISTING CONCRETE BLOCK.
- REMOVE EXISTING PLYWOOD CAP OVER EXISTING CONCRETE BLOCK PARAPET AND CANT STRIP ALONG HIGH ROOF, TO ALLOW FOR INSTALLATION OF NEW PARAPET. SEE SECTION 2/A501.
- REMOVE AND RELOCATE EXISTING EXHAUST FAN. REFER TO MECHANICAL DEMOLITION DRAWINGS.
- REMOVE EXISTING FACE BRICK, CAVITY INSULATION AND MASONRY TIES ALONG WALL TO EXTENT SHOWN.
- REMOVE EXISTING CONCRETE FLOOR SLAB AS REQUIRED TO ALLOW MECHANICAL TRADE TO MAKE CONNECTIONS TO EXISTING SERVICES. REFER TO MECHANICAL DRAWINGS. GC AND MECHANICAL CONTRACTOR TO VERIFY EXTENT OF SLB DEMOLITION REQUIRED.
- REMOVE EXISTING GYPSUM INCLUDING METAL STUD FRAMING. EXTENT OF GYPSUM BOARD CEILING REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL GYPSUM BOARD CEILING IN ACCORDANCE TO CEILING ASSEMBLY TYPE 'C-2' UPON COMPLETION OF WORK. CEILING HEIGHT TO MATCH EXISTING HEIGHT PRIOR TO DEMOLITION.
- REMOVE EXISTING ACOUSTIC CEILING TILE INCLUDING SUSPENSION SYSTEM AND STORE FOR RE-INSTALLATION UPON COMPLETION OF WORK. EXTENT OF ACOUSTIC CEILING TILE REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL EXISTING CEILING TILES AND SUSPENSION SYSTEM UPON COMPLETION OF WORK. ALLOW FOR 30% REPLACEMENT WITH NEW ACOUSTIC TILE AND SUSPENSION SYSTEM.
- EXISTING STEEL BEAM AT EXISTING ROOF LEVEL TO REMAIN UNDISTURBED.
- EXISTING 2 COURSE CONCRETE BLOCK PARAPET ABOVE EXISTING ROOF TO REMAIN UNDISTURBED.
- EXISTING METAL CLADDING AND FRAMING ABOVE EXISTING WINDOWS TO REMAIN UNDISTURBED.

DEMOLITION LEGEND:

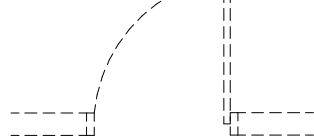


INDICATES EXISTING TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE.



SITE PHOTO LOCATION REFERENCE. ARROW DENOTES DIRECTION OF PHOTO.

DEMOLITION NOTE.

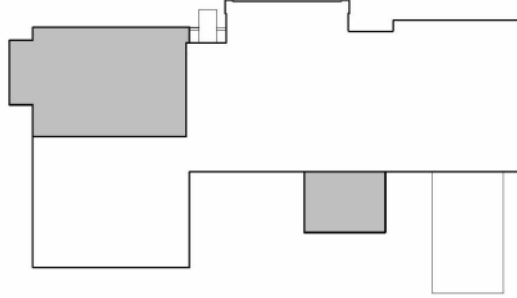


DASHED LINES DENOTES ITEMS TO BE DEMOLISHED.

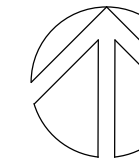


KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

SECOND FLOOR PARTIAL DEMO PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL

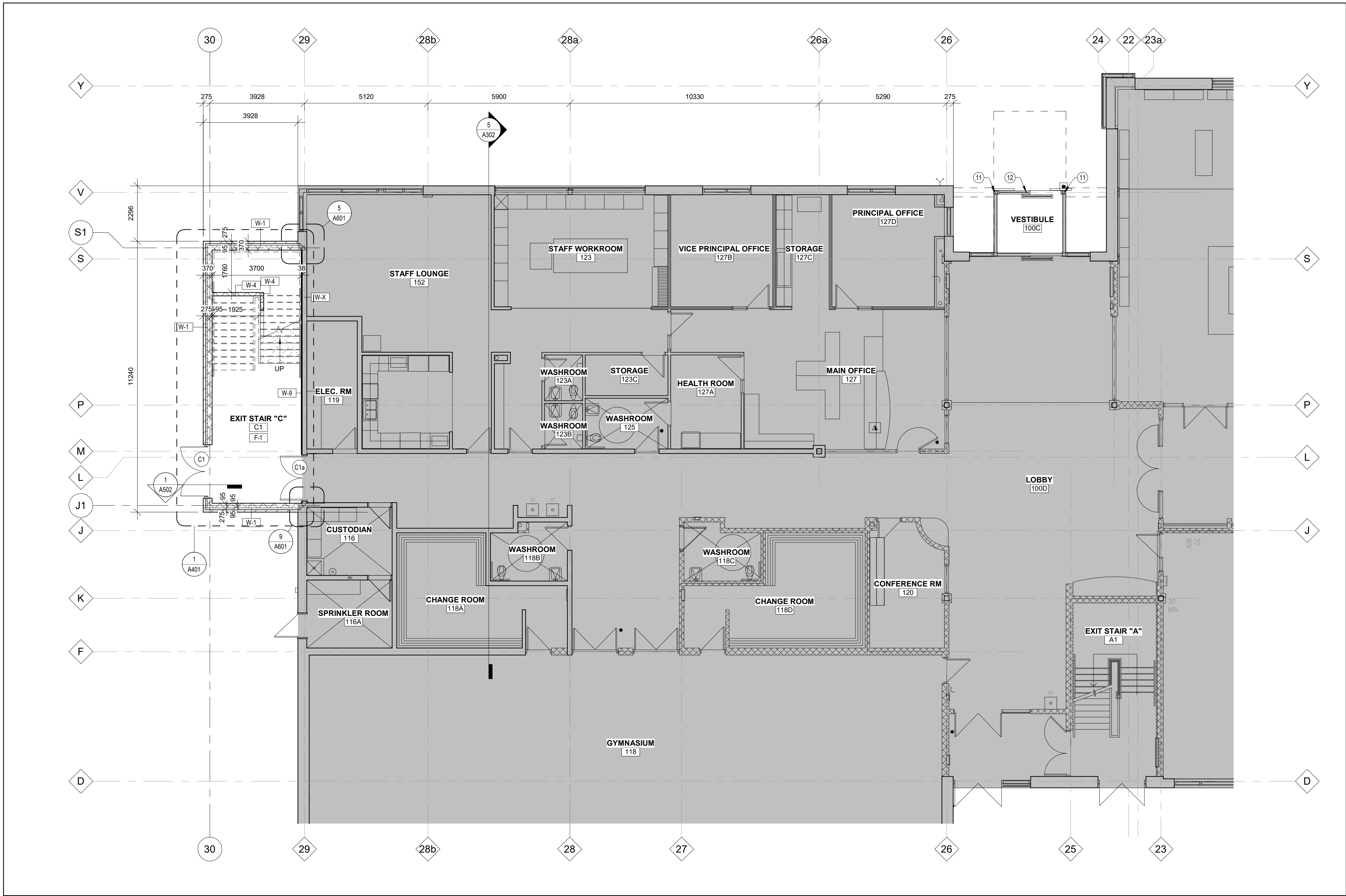


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SCALE:	As Indicated	SHEET NO.:
DATE:	2025-05-09	
PROJECT NO.:	2023-0753-10	
DRAWN BY:	EA	
CHECKED BY:	MM	

A107



1 PARTIAL GROUND FLOOR PLAN
A201 Scale: 1 : 100

WALL ASSEMBLIES:

W-X EXISTING WALL TO REMAIN.

W-1 - 90mm FACE BRICK
- 25mm AIR SPACE
- 65mm SPRAY FOAM INSULATION
- AIR/VAPOUR MEMBRANE BARRIER
- 190mm NORMAL WEIGHT CONCRETE BLOCK
ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL ALL JOINTS

W-2 - PREFINISHED METAL SIDING (HORIZONTAL)
- 75mm Z-GIRTS AT 400 O.C. (VERTICAL)
- 75mm Z-GIRTS AT 400 O.C. (HORIZONTAL)
- 65mm SPRAY FOAM INSULATION
- AIR/VAPOUR MEMBRANE BARRIER
- 190mm NORMAL WEIGHT CONCRETE BLOCK
ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL ALL JOINTS

W-3 - 190mm NORMAL WEIGHT CONCRETE BLOCK
EXTEND WALL TO U/S OF DECK
ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL ALL JOINTS

W-4 - 140mm LIGHT WEIGHT CONCRETE BLOCK (CORRIDOR NIB WALL)
EXTEND CONCRETE BLOCK WALL TO 200mm ABOVE CORRIDOR CEILING HEIGHT

W-5 - 90mm LIGHT WEIGHT CONCRETE BLOCK
EXTEND WALL TO U/S OF DECK
ALL EXTERIOR CONERS TO BE BULLNOSE BLOCK TOOL ALL JOINTS

W-6 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 64mm METAL STUDS AT 400 O.C.

W-7 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 92mm METAL STUDS AT 400 O.C.
- 16mm ABUSE RESISTANT GYPSUM WALL BOARD

W-8 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 64mm METAL STUDS AT 400 O.C.
- EXISTING CONCRETE BLOCK WALL

W-9 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 22mm METAL FURRING CHANNELS AT 400 O.C.
- EXISTING CONCRETE BLOCK WALL

W-10 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 92mm METAL STUDS AT 400 O.C.
- 60mm SOUND ATTENUATION BATTS
- 13mm RESILIENT FURRING CHANNEL
- 16mm ABUSE RESISTANT GYPSUM WALL BOARD

WALL ASSEMBLY NOTES:

- ALL WALLS EXTEND TO U/S STEEL DECK UNLESS OTHERWISE NOTED.
- REFER TO DRAWING A102 FOR ADDITIONAL FIRE RATING INFORMATION.
- GRID LINES ARE CENTERED ON MASONRY BLOCK UNLESS OTHERWISE NOTED.
- PROVIDE CONTINUOUS SMOKE SEAL AT WALL AND STEEL DECK CONNECTION AND ALL PENETRATIONS. FIRE RATING TO EQUAL THAT OF WALL.
- PROVIDE CONTINUOUS FIRESTOPPING FOR ALL RATED WALLS AT WALL AND STEEL DECK CONNECTIONS AND ALL PENETRATIONS. FIRE RATING TO EQUAL THAT OF WALL.
- PROVIDE BULLNOSE BLOCK AT ALL OUTSIDE MASONRY WALL CORNERS.
- ALL STUD FRAMED WALLS WITH CERAMIC TILE TO INCLUDE CEMENT BOARD ON TILE SIDE.
- REFER TO STRUCTURAL DRAWING FOR THE LINTEL SIZE FOR ALL OPENINGS.

FLOOR ASSEMBLIES:

F-X1 EXISTING 100mm CONCRETE SLAB
EXISTING 150mm GRANULAR 'A'
• TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE

F-X2 EXISTING 50mm CONCRETE TOPPING
EXISTING 38mm STEEL DECK
EXISTING FIRE PROOFING SPRAY
APPLIED TO U/S OF EXISTING STEEL DECK AND EXISTING STRUCTURAL STEEL MEMBERS.

F-1 125mm CONCRETE SLAB
COMPACTED GRANULAR FILL

F-2 64mm CONCRETE TOPPING
38mm STEEL DECK

FLOOR ASSEMBLY NOTES:

- REFER TO STRUCTURAL DRAWINGS FOR EXTEND OF 50mm RIGID INSULATION BELOW SLAB.
- REFER TO FINISH SCHEDULE FOR FLOOR FINISHES.

FLOOR PLAN NOTES:

- DRINKING FOUNTAIN, REFER TO MECHANICAL DRAWINGS
- RAIN WATER LEADER ENCLOSED IN GYPSUM BOARD/METAL STUD CHASE
- RAIN WATER LEADER ENCLOSED IN CONCRETE BLOCK CHASE
- MOP SINK, REFER TO MECHANICAL DRAWINGS
- EYE WASH STATION, REFER TO MECHANICAL DRAWINGS
- TOILET PARTITIONS REFER TO INTERIOR ELEVATIONS AND FINISH SCHEDULE
- MECHANICAL RADIATORS, REFER TO MECHANICAL DRAWINGS
- GUARDRAIL SECURELY MOUNTED TO WALL AND FLOOR. 1070mm HIGH.
- EXISTING GAS METER
- CONTROL PANEL, REFER TO 17/A801 FOR DETAILS
- REMOVE EXISTING ALUMINUM CLADDING, PLYWOOD, METAL STUD FRAMING AND BATT INSULATION. EXPOSED EXISTING STEEL POST TYPICAL BOTH SIDES. CLEAN AND REMOVE RUST FROM POSTS. APPLY REINF. MEMBRANE FLASHING FROM POST BASE TO 400 A.F.F. UPON COMPLETION OF WORK RE-INSTALL ALUMINUM CLADDING, PLYWOOD, METAL STUD FRAMING AND BATT INSULATION. PATCH AND MAKE GOOD WITH EXISTING. G.C. TO RETAIN VESTIBULE GLAZING INSTALLER FOR THIS WORK. COORDINATE WITH OWNER.
- REPLACE ALUMINUM THRESHOLD ON THE EXISTING DOOR
- ADJUST CONTROL PANEL WIDTH TO ALIGN WITH THE CHASE WALL

FLOOR PLAN LEGEND:

INDICATES EXISTING TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE

DRAWING NOTE

WINDOW ELEVATION REFER TO DRAWING A9-1

FLOOR DRAIN

RAIN WATER LEADER

CONSTRUCTION ASSEMBLY MARKER
W - REFER TO WALL ASSEMBLIES LIST
F - REFER TO FLOOR ASSEMBLIES LIST
C - REFER TO CEILING ASSEMBLIES LIST
R - REFER TO ROOF ASSEMBLIES LIST

SEMI-RECESSED FIRE EXTINGUISHER CABINET

DOOR NUMBER
REFER TO DOOR SCHEDULE

EXISTING DOOR TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD
652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL GROUND FLOOR PLAN

WALTERFEDY
TORONTO | CALGARY | KITCHENER | HAMILTON
800.685.1378 walterfedy.com

SEAL

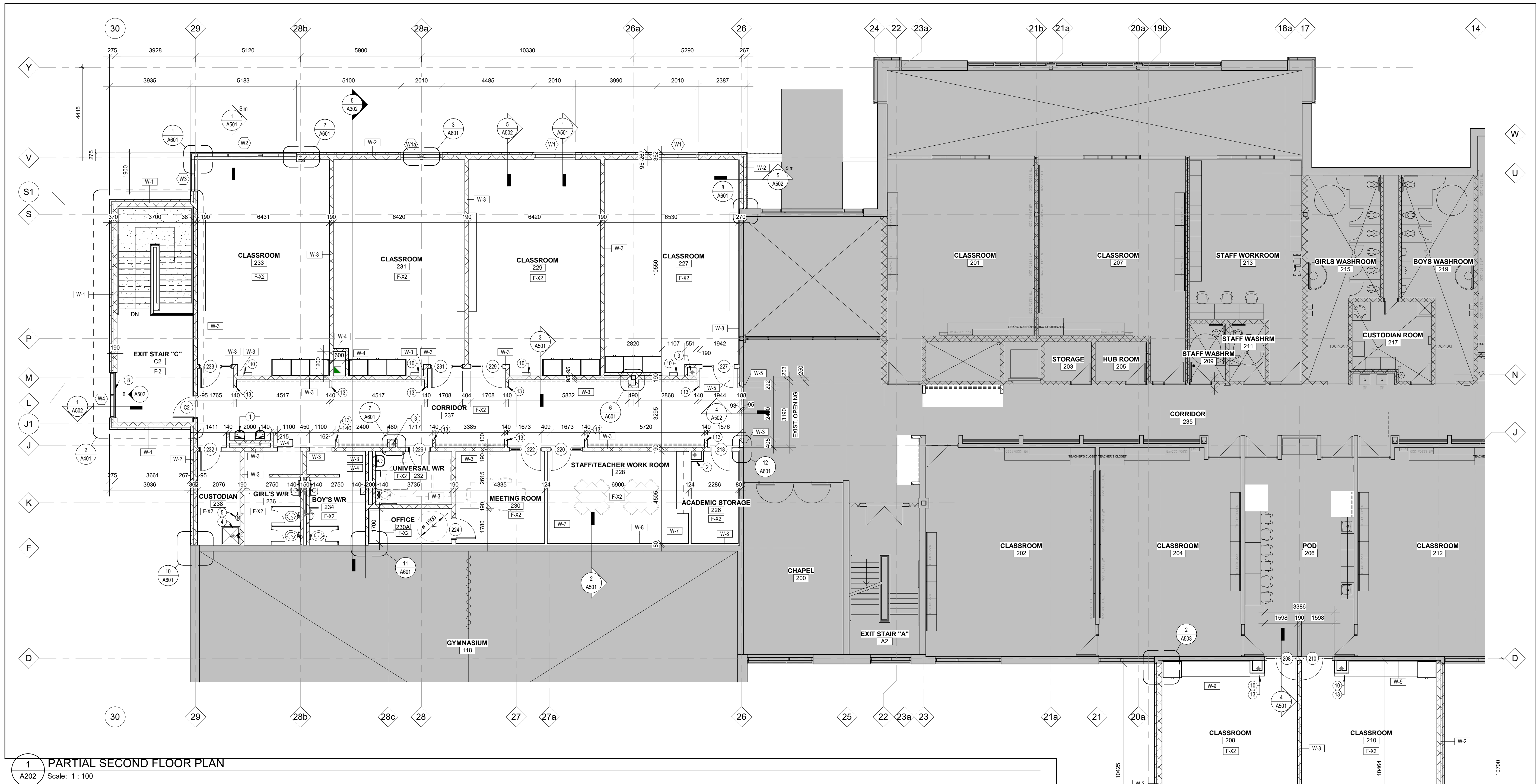
ONTARIO ASSOCIATION OF ARCHITECTS
MARIA JOSE MELO
LICENCE 9327
2023-0733-10

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SCALE: As indicated
DATE: 2025-05-09
PROJECT NO: 2023-0753-10
DRAWN BY: EA
CHECKED BY: MM

SHEET NO: **A201**



1 PARTIAL SECOND FLOOR PLAN

A202 Scale: 1 : 100

WALL ASSEMBLIES:

W-X EXISTING WALL TO REMAIN.

W-1 - 90mm FACE BRICK
- 25mm AIR SPACE
- 55mm SPRAY FOAM INSULATION
- AIR/VAPOUR MEMBRANE BARRIER
- 190mm NORMAL WEIGHT CONCRETE BLOCK

ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL
ALL JOINTS

W-2 - PREFINISHED METAL SIDING (HORIZONTAL)
- 75mm Z-GIRTS AT 400 O.C. (VERTICAL)
- 75mm Z-GIRTS AT 400 O.C. (HORIZONTAL)
- 55mm SPRAY FOAM INSULATION
- AIR/VAPOUR MEMBRANE BARRIER
- 190mm NORMAL WEIGHT CONCRETE BLOCK

ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL
ALL JOINTS

W-3 - 190mm NORMAL WEIGHT CONCRETE BLOCK

EXTEND WALL TO U/S OF DECK
ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL ALL JOINTS

W-4 - 140mm LIGHT WEIGHT CONCRETE BLOCK (CORRIDOR NIB WALL)
EXTEND CONCRETE BLOCK WALL TO 200mm ABOVE CORRIDOR CEILING HEIGHT

W-5 - 90mm LIGHT WEIGHT CONCRETE BLOCK

EXTEND WALL TO U/S OF DECK
ALL EXTERIOR CORNERS TO BE BULLNOSE BLOCK TOOL ALL JOINTS

W-6 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 64mm METAL STUDS AT 400 O.C.

W-7 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 92mm METAL STUDS AT 400 O.C.
- 16mm ABUSE RESISTANT GYPSUM WALL BOARD

W-8 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 64mm METAL STUDS AT 400 O.C.
- EXISTING CONCRETE BLOCK WALL

W-9 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 22mm METAL FURRING CHANNELS AT 400 O.C.
- EXISTING CONCRETE BLOCK WALL

W-10 - 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 16mm ABUSE RESISTANT GYPSUM WALL BOARD
- 92mm METAL STUDS AT 400 O.C.
- 80mm SOUND ATTENUATION BATTS
- 13mm RESILIENT FURRING CHANNEL
- 16mm ABUSE RESISTANT GYPSUM WALL BOARD

WALL ASSEMBLY NOTES:

- ALL WALLS EXTEND TO U/S STEEL DECK UNLESS OTHERWISE NOTED.
- REFER TO DRAWING A102 FOR ADDITIONAL FIRE RATING INFORMATION.
- GRID LINES ARE CENTERED ON MASONRY BLOCK UNLESS OTHERWISE NOTED.
- PROVIDE CONTINUOUS SMOKE SEAL AT WALL AND STEEL DECK CONNECTION AND ALL PENETRATIONS. FIRE RATING TO EQUAL THAT OF WALL.
- PROVIDE CONTINUOUS FIRESTOPPING FOR ALL RATED WALLS AT WALL AND STEEL DECK CONNECTIONS AND ALL PENETRATIONS. FIRE RATING TO EQUAL THAT OF WALL.
- PROVIDE BULLNOSE BLOCK AT ALL OUTSIDE MASONRY WALL CORNERS.
- ALL STUD FRAMED WALLS WITH CERAMIC TILE TO INCLUDE CEMENT BOARD ON TILE SIDE.
- REFER TO STRUCTURAL DRAWING FOR THE LINTEL SIZE FOR ALL OPENINGS.

FLOOR ASSEMBLIES:

F-X1 EXISTING 100mm CONCRETE SLAB
EXISTING 150mm GRANULAR 'A'

- TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE

F-X2 EXISTING 50mm CONCRETE TOPPING
EXISTING 38mm STEEL DECK
EXISTING FIRE PROOFING SPRAY
APPLIED TO U/S OF EXISTING STEEL DECK AND EXISTING STRUCTURAL STEEL MEMBERS.

- REPAIR EXISTING FIRE PROOFING DISTURBED BY DEMOLITION AND CONSTRUCTION. PATCH AND MAKE GOOD WITH EXISTING ADJACENT SURFACES.

F-1 125mm CONCRETE SLAB
COMPACTED GRANULAR FILL

F-2 64mm CONCRETE TOPPING
38mm STEEL DECK

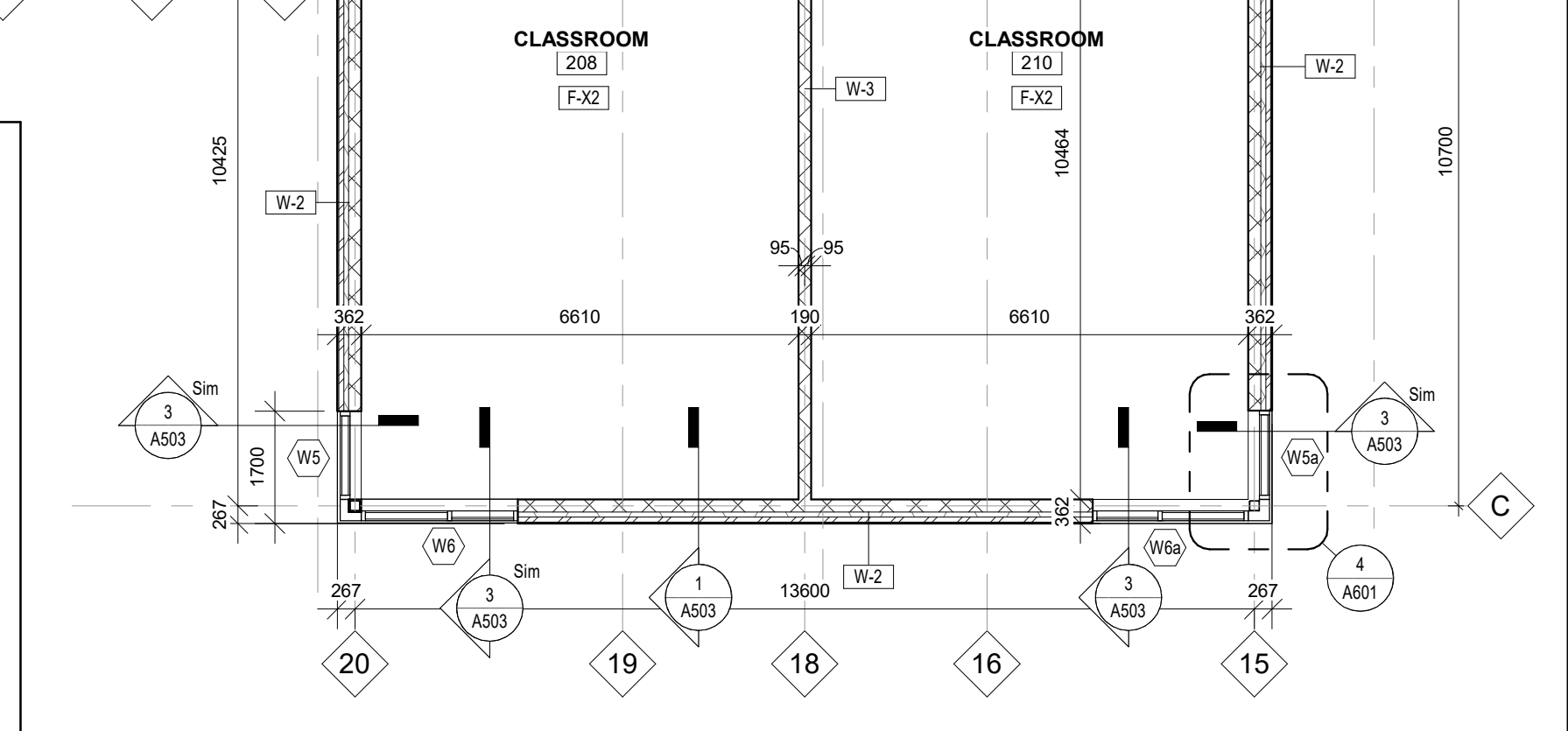
- APPLY SPRAY FIREPROOFING TO ACHIEVE A ONE HOUR FIRE RESISTANCE RATING TO U/S OF STEEL DECK AND STRUCTURAL STEEL MEMBERS.

FLOOR ASSEMBLY NOTES:

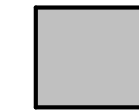
- REFER TO STRUCTURAL DRAWINGS FOR EXTEND OF 50mm RIGID INSULATION BELOW SLAB.
- REFER TO FINISH SCHEDULE FOR FLOOR FINISHES.

FLOOR PLAN NOTES:

- DRINKING FOUNTAIN, REFER TO MECHANICAL DRAWINGS
- RAIN WATER LEADER ENCLOSED IN CONCRETE BLOCK CHASE
- RAIN WATER LEADER ENCLOSED IN CONCRETE BLOCK CHASE
- MOP SINK, REFER TO MECHANICAL DRAWINGS
- EYE WASH STATION, REFER TO MECHANICAL DRAWINGS
- TOILET PARTITIONS REFER TO TO INTERIOR ELEVATIONS AND FINISH SCHEDULE
- MECHANICAL RADIATORS, REFER TO MECHANICAL DRAWINGS
- GUARDRAIL SECURELY MOUNTED TO WALL AND FLOOR. 1070mm HIGH.
- EXISTING GAS METER
- CONTROL PANEL. REFER TO 17/A801 FOR DETAILS
- REMOVE EXISTING ALUMINUM CLADDING, PLYWOOD, METAL STUD FRAMING AND BATT INSULATION. EXPOSED EXISTING STEEL POST. TYPICAL BOTH SIDES. CLEAN AND REMOVE RUST FROM POSTS. APPLY REINF. MEMBRANE FLASHING FROM POST BASE TO 400 A.F.F. UPON COMPLETION OF WORK RE-INSTALL ALUMINUM CLADDING, PLYWOOD, METAL STUD FRAMING AND BATT INSULATION. PATCH AND MAKE GOOD WITH EXISTING. G.C. TO RETAIN VESTIBULE GLAZING INSTALLER FOR THIS WORK. COORDINATE WITH OWNER.
- REPLACE ALUMINUM THRESHOLD ON THE EXISTING DOOR
- ADJUST CONTROL PANEL WIDTH TO ALIGN WITH THE CHASE WALL



FLOOR PLAN LEGEND:



DRAWING NOTE



WINDOW ELEVATION REFER TO DRAWING A9-1



FLOOR DRAIN



RAIN WATER LEADER



CONSTRUCTION ASSEMBLY MARKER
W - REFER TO WALL ASSEMBLIES LIST
F - REFER TO FLOOR ASSEMBLIES LIST
C - REFER TO CEILING ASSEMBLIES LIST
R - REFER TO ROOF ASSEMBLIES LIST



SEMI-RECESSED FIRE EXTINGUISHER CABINET



DOOR NUMBER
REFER TO DOOR SCHEDULE

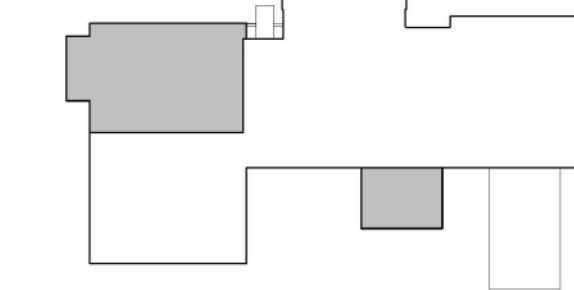


EXISTING DOOR TO REMAIN UNDISTURBED
UNLESS NOTED OTHERWISE

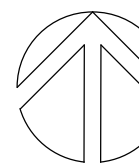


KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR SD REPORT	2024.07.15
2	ISSUED FOR OWNER REVIEW	2024.09.11
3	ISSUED FOR SPA AMENDMENT	2024.10.10
4	ISSUED FOR MINISTRY APPROVAL	2024.11.05
5	ISSUED FOR 100% OWNER REVIEW	2024.11.11
6	ISSUED FOR PERMIT	2024.12.03
7	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
8	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL SECOND FLOOR PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL



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SCALE: As Indicated

DATE: 2025-05-09

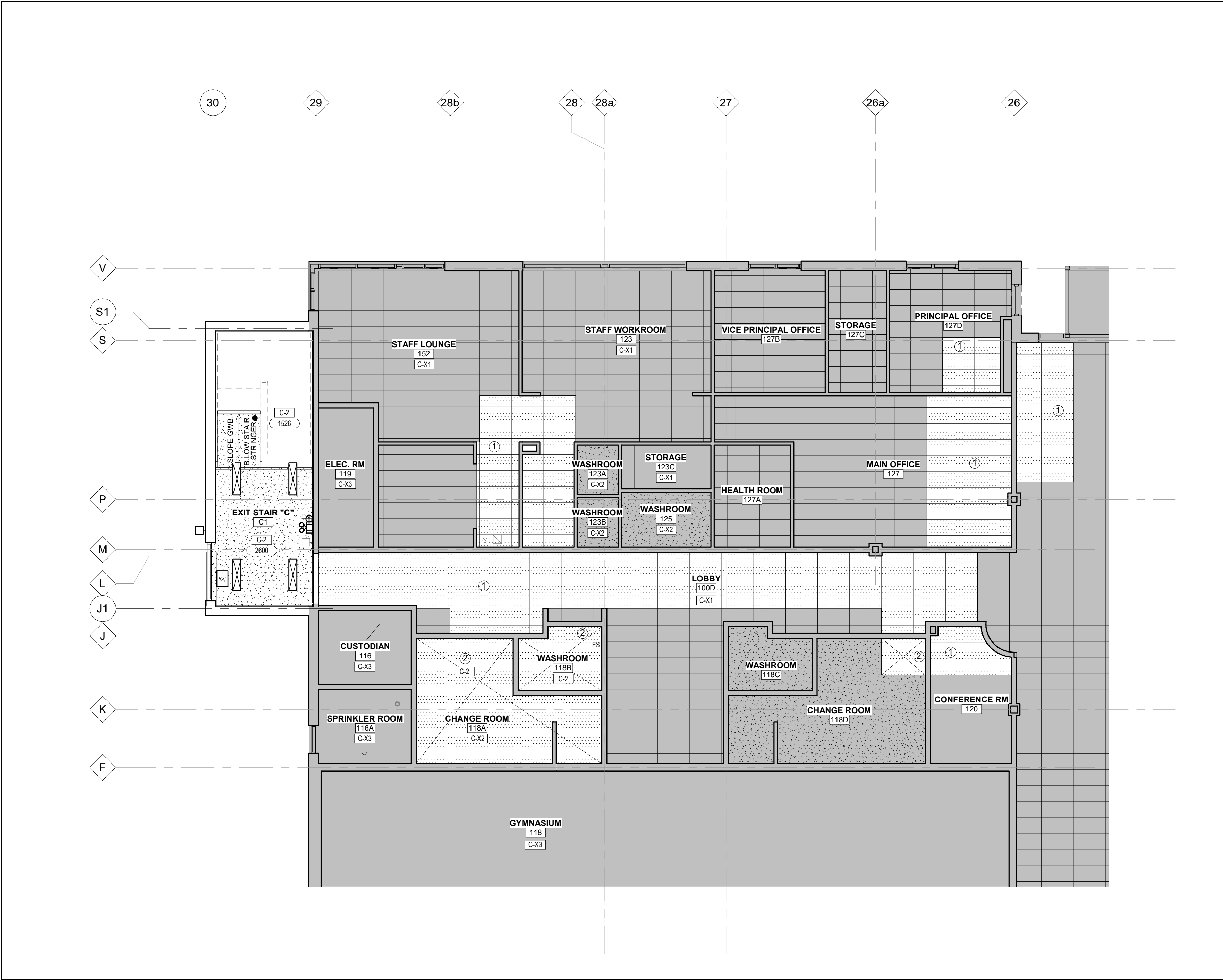
PROJECT NO: 2023-0753-10

DRAWN BY: EA

CHECKED BY: MM

SHEET NO:

A202



1 PARTIAL GROUND FLOOR - REFLECTED CEILING PLAN
A203 Scale: 1 : 100

RESERVED

CEILING ASSEMBLIES:

- C-1** - 610 X 1220 ACOUSTIC CEILING TILE
- PREFINISHED METAL T-BAR SUSPENSION SYSTEM, REFER TO SPEC.
- C-2** - 16mm GYPSUM BOARD
- 22 FURRING CHANNELS @ 400 O.C.
- 64mm CARRYING CHANNELS @ 400 O.C.
• FINISH: PRIME AND PAINTED
- EXP** EXPOSED STEEL DECK AND STRUCTURE
PRIME AND PAINT FINISH (INCLUDING EXPOSED DUCT WORK)
- C-X1** EXISTING ACOUSTIC CEILING TILE TO REMAIN UNDISTURBED
UNLESS NOTED OTHERWISE
- C-X2** EXISTING GYPSUM BOARD CEILING TO REMAIN UNDISTURBED
UNLESS NOTED OTHERWISE
- C-X3** EXISTING EXPOSED STEEL DECK TO REMAIN UNDISTURBED
UNLESS NOTED OTHERWISE

CEILING SYMBOLS LEGEND:

- C-1** CEILING ASSEMBLY TYPE
- XXXX** U/S OF CEILING ELEVATION (MEASURED FROM FIN. FLOOR)
- GYPSUM WALL BOARD**
- ACOUSTICAL CEILING TILE**
- LIGHT FIXTURE (SEE ELEC.)**
- DATA DEVICE (SEE ELEC.)**

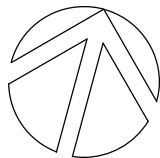
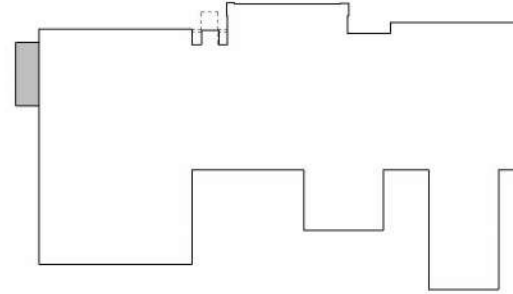
RCP NOTES:

- ① REMOVE EXISTING ACOUSTIC CEILING TILE INCLUDING SUSPENSION SYSTEM AND STORE FOR RE-INSTALLATION UPON COMPLETION OF WORK. EXTENT OF ACOUSTIC CEILING TILE REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL EXISTING CEILING TILES AND SUSPENSION SYSTEM UPON COMPLETION OF WORK. ALLOW FOR 30% REPLACEMENT WITH NEW ACOUSTIC TILE AND SUSPENSION SYSTEM.
- ② REMOVE EXISTING GYPSUM INCLUDING METAL STUD FRAMING. EXTENT OF GYPSUM BOARD CEILING REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL GYPSUM BOARD CEILING IN ACCORDANCE TO CEILING ASSEMBLY TYPE "C-2" UPON COMPLETION OF WORK. CEILING HEIGHT TO MATCH EXISTING HEIGHT PRIOR TO DEMOLITION.

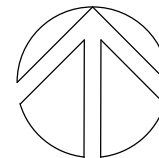


KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

CLIENT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

PROJECT

PARTIAL GROUND FLOOR -
REFLECTED CEILING PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.665.1378 walterfedy.com

SEAL

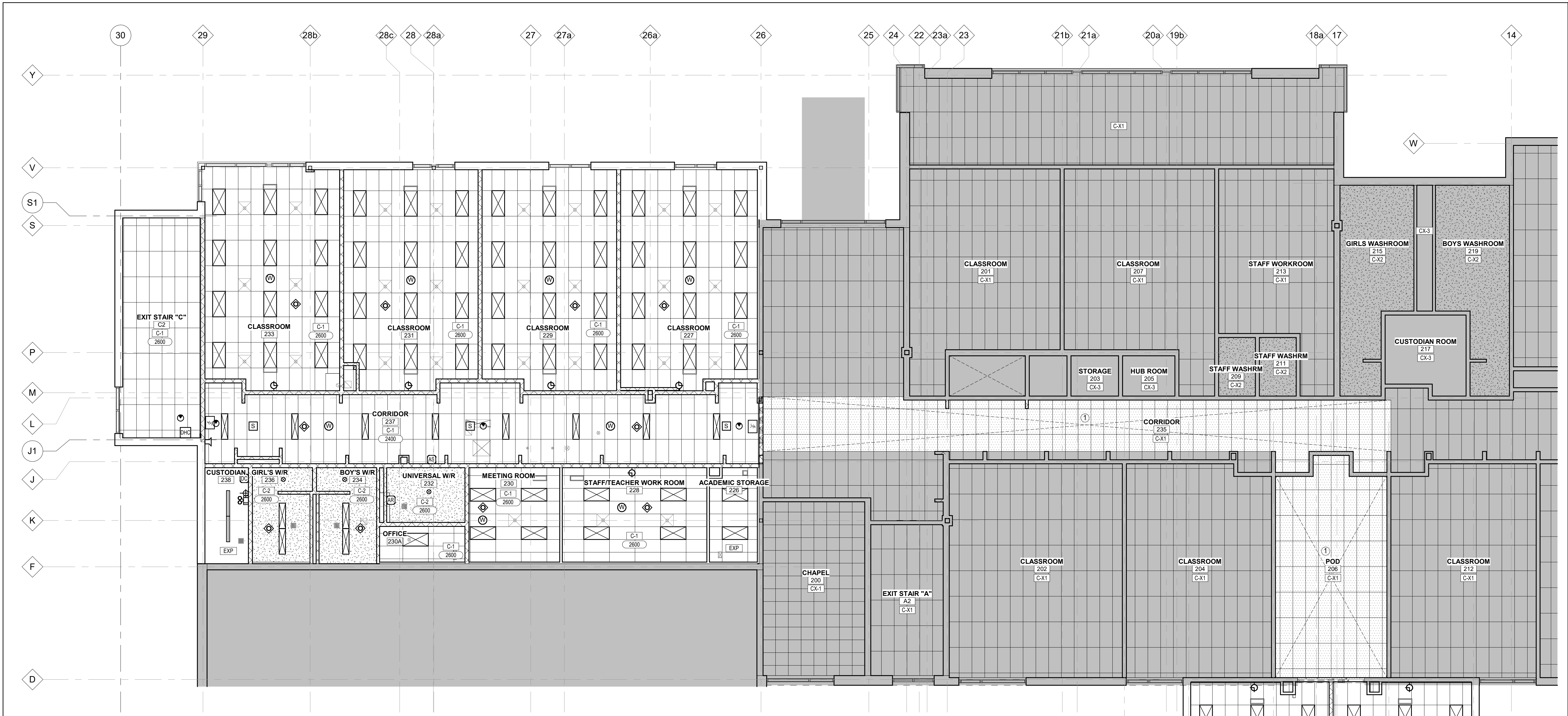


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SCALE: As indicated
DATE: 2025-05-09
PROJECT NO: 2023-0753-10
DRAWN BY: EA
CHECKED BY: MM

SHEET NO:
A203

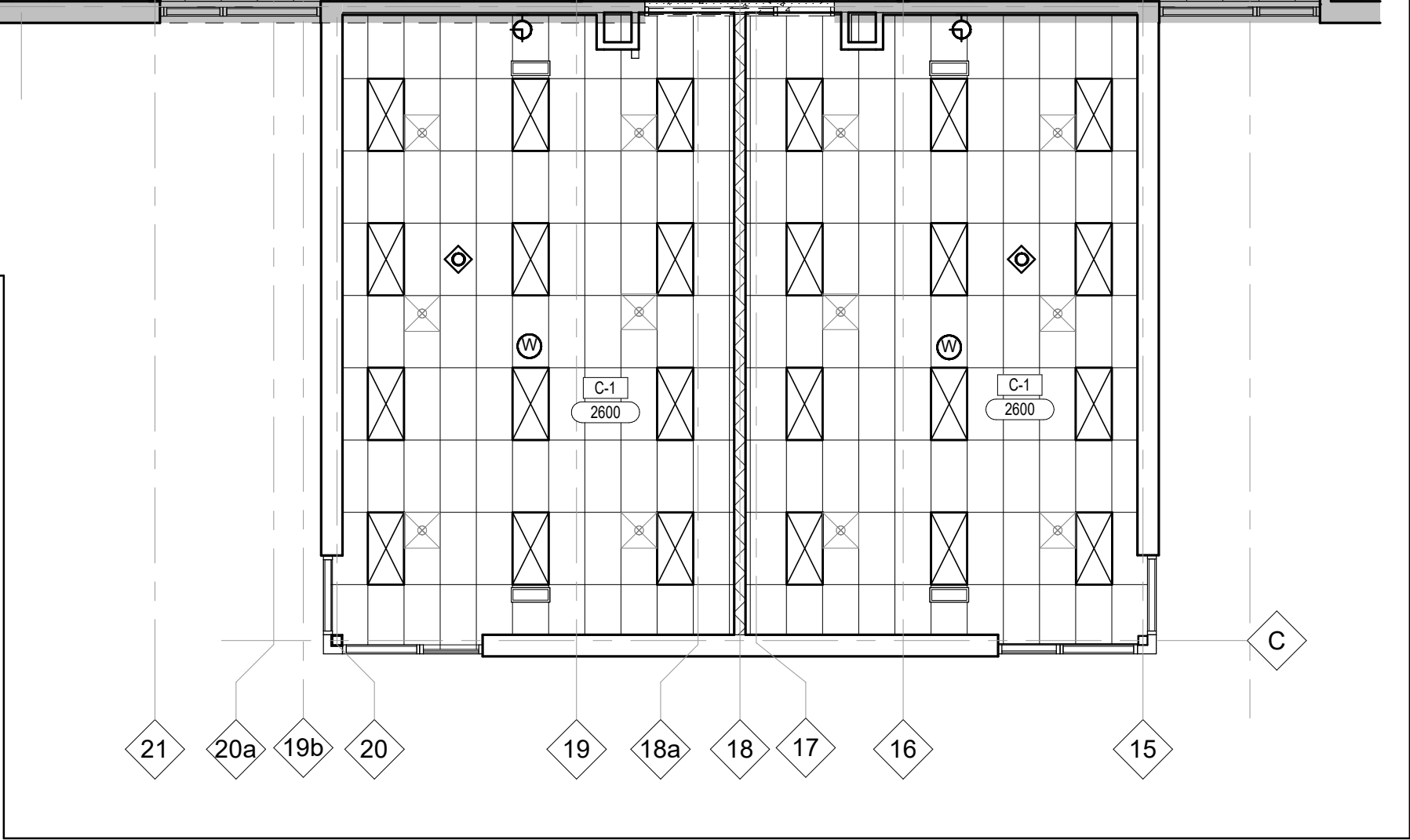


1 PARTIAL SECOND FLOOR PLAN - REFLECTED CEILING PLAN
A204 Scale: 1 : 100

CEILING ASSEMBLIES:	
	- 610 X 1220 ACOUSTIC CEILING TILE - PREFINISHED METAL T-BAR SUSPENSION SYSTEM, REFER TO SPEC.
	- 16mm GYPSUM BOARD - 22 FURRING CHANNELS @ 400 O.C. - 64mm CARRYING CHANNELS @ 400 O.C. • FINISH: PRIME AND PAINTED
	EXPOSED STEEL DECK AND STRUCTURE PRIME AND PAINT FINISH (INCLUDING EXPOSED DUCT WORK)
	EXISTING ACOUSTIC CEILING TILE TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE
	EXISTING GYPSUM BOARD CEILING TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE
	EXISTING EXPOSED STEEL DECK TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE

CEILING SYMBOLS LEGEND:	
	CEILING ASSEMBLY TYPE
	U/S OF CEILING ELEVATION (MEASURED FROM FIN. FLOOR)
	GYPSUM WALL BOARD
	ACOUSTICAL CEILING TILE
	⊙ LIGHT FIXTURE (SEE ELEC.)
	Ⓜ DATA DEVICE (SEE ELEC.)

RCP NOTES:	
①	REMOVE EXISTING ACOUSTIC CEILING TILE INCLUDING SUSPENSION SYSTEM AND STORE FOR RE-INSTALLATION UPON COMPLETION OF WORK. EXTENT OF ACOUSTIC CEILING TILE REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL EXISTING CEILING TILES AND SUSPENSION SYSTEM UPON COMPLETION OF WORK. ALLOW FOR 30% REPLACEMENT WITH NEW ACOUSTIC TILE AND SUSPENSION SYSTEM.
②	REMOVE EXISTING GYPSUM INCLUDING METAL STUD FRAMING. EXTENT OF GYPSUM BOARD CEILING REMOVED SHALL BE DETERMINED BY GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR TO ALLOW FOR THE INSTALLATION OF PLUMBING AND DUCTWORK FOR SECOND STOREY ADDITION. RE-INSTALL GYPSUM BOARD CEILING IN ACCORDANCE TO CEILING ASSEMBLY TYPE "C-2" UPON COMPLETION OF WORK. CEILING HEIGHT TO MATCH EXISTING HEIGHT PRIOR TO DEMOLITION.



DURHAM CATHOLIC DISTRICT SCHOOL BOARD

KEYPLAN

- EXTENT OF ADDITION

TRUE NORTH

PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL SECOND FLOOR - REFLECTED CEILING PLAN

WALTERFEDY

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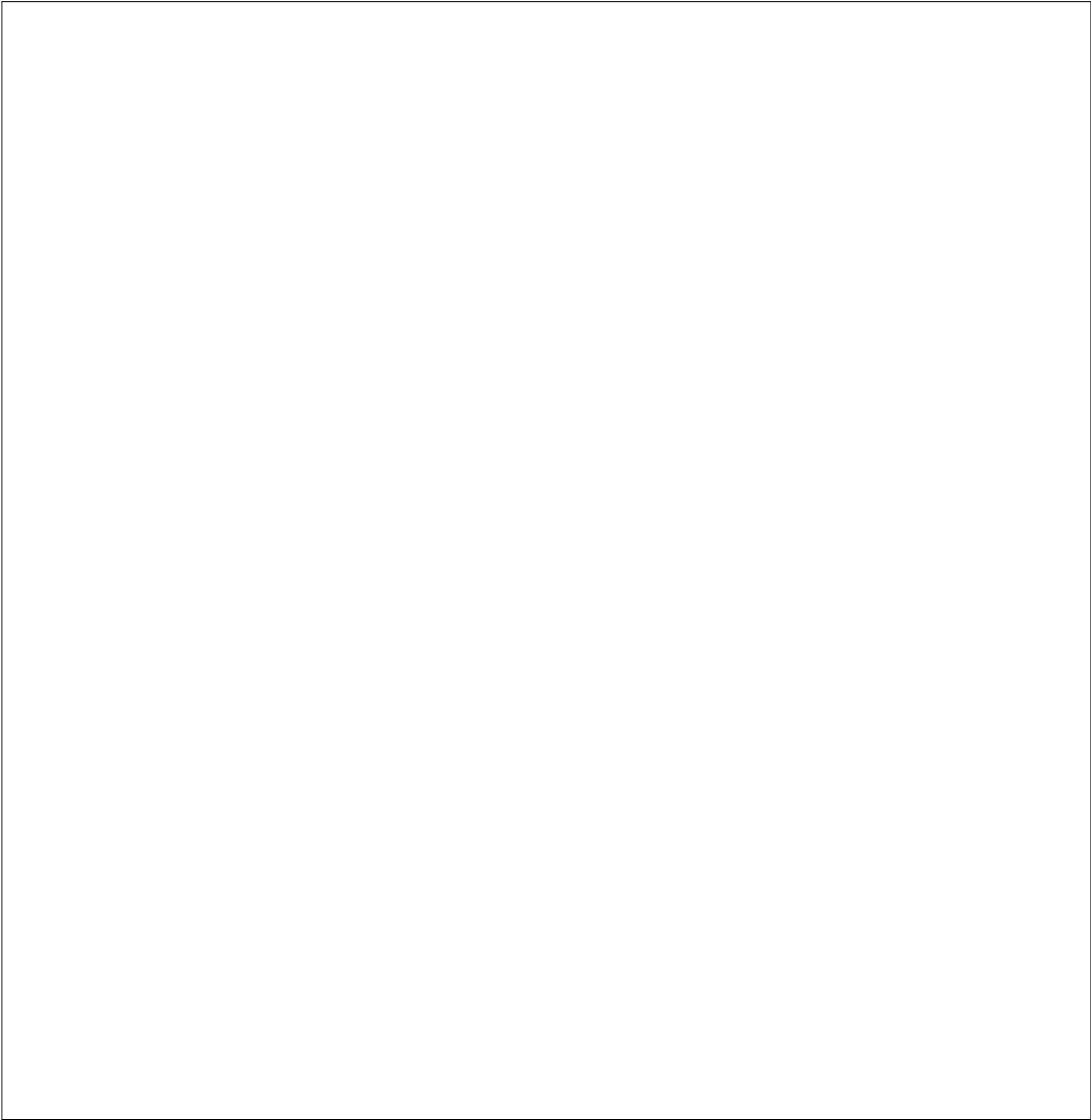
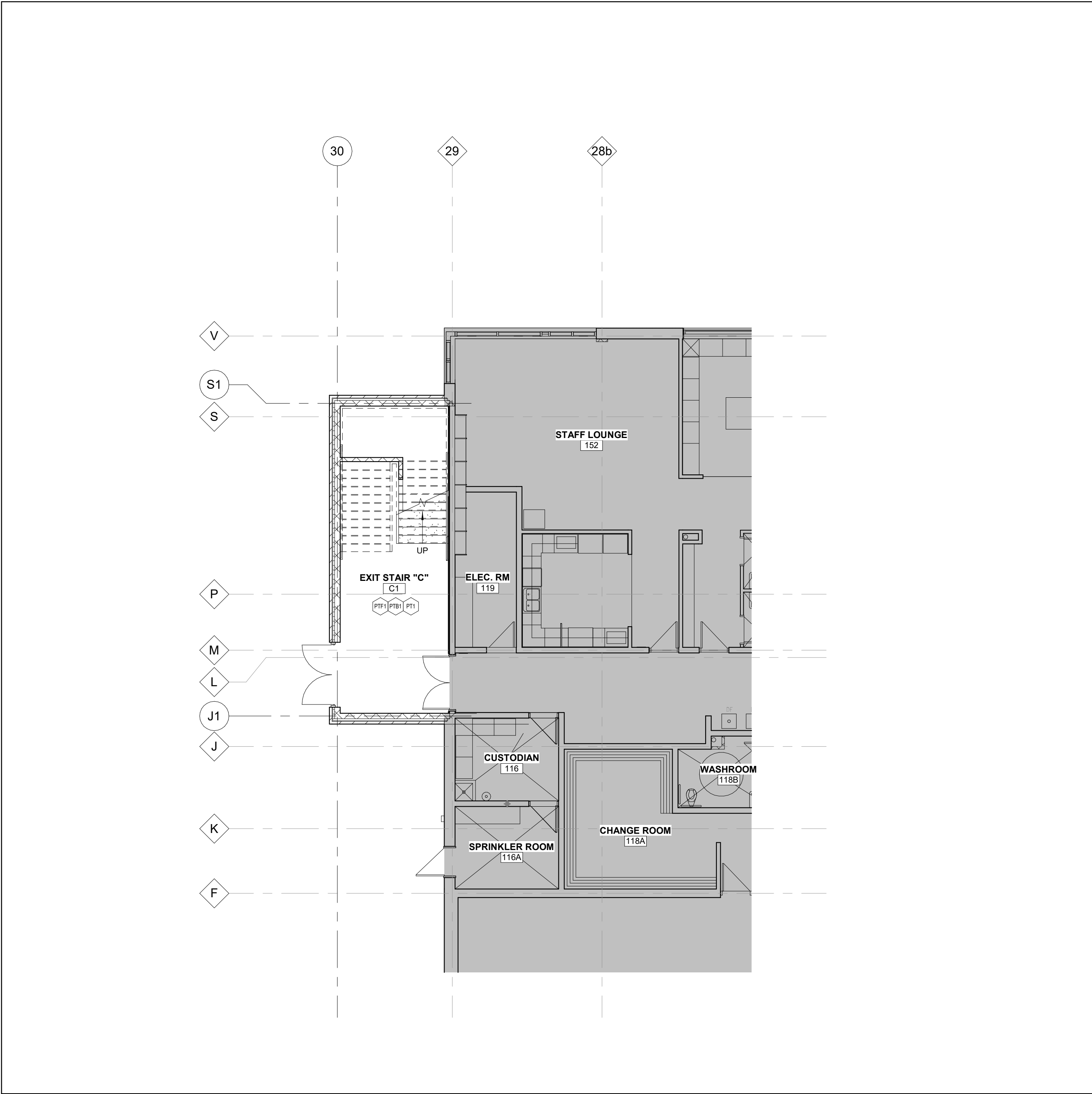
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SCALE:	As Indicated	SHEET NO:
DATE:	2025-05-09	A204
PROJECT NO:	2023-0753-10	
DRAWN BY:	EA	
CHECKED BY:	MM	



1 PARTIAL GROUND FLOOR FINISHES AND MILLWORK PLAN
A205 Scale: 1 : 100

RESERVED

FINISHES LEGEND

WALL & CEILING

- PT WALL PAINT
PTW PORCELAIN WALL TILE

FLOOR

- PTF PORCELAIN TILE
SV SHEET VINYL
SC SEALED CONCRETE
VCT VINYL COMPOSITE TILE

BASE

- RB RUBBER BASE
PTB PORCELAIN TILE BASE
NB NO BASE

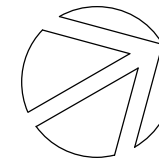
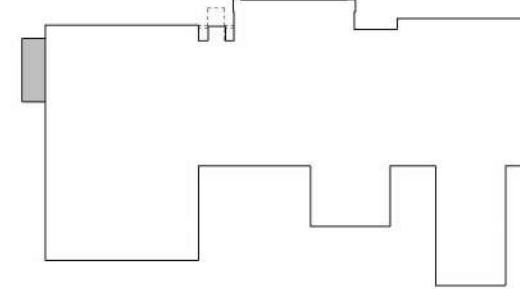
ARCHITECTURAL WOODWORK

- PL PLASTIC LAMINATE

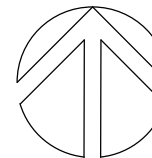


KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR MINISTRY APPROVAL	2024.11.05
3	ISSUED FOR 100% OWNER REVIEW	2024.11.11
4	ISSUED FOR PERMIT	2024.12.03
5	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL GROUND FLOOR
FINISHES AND MILLWORK PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

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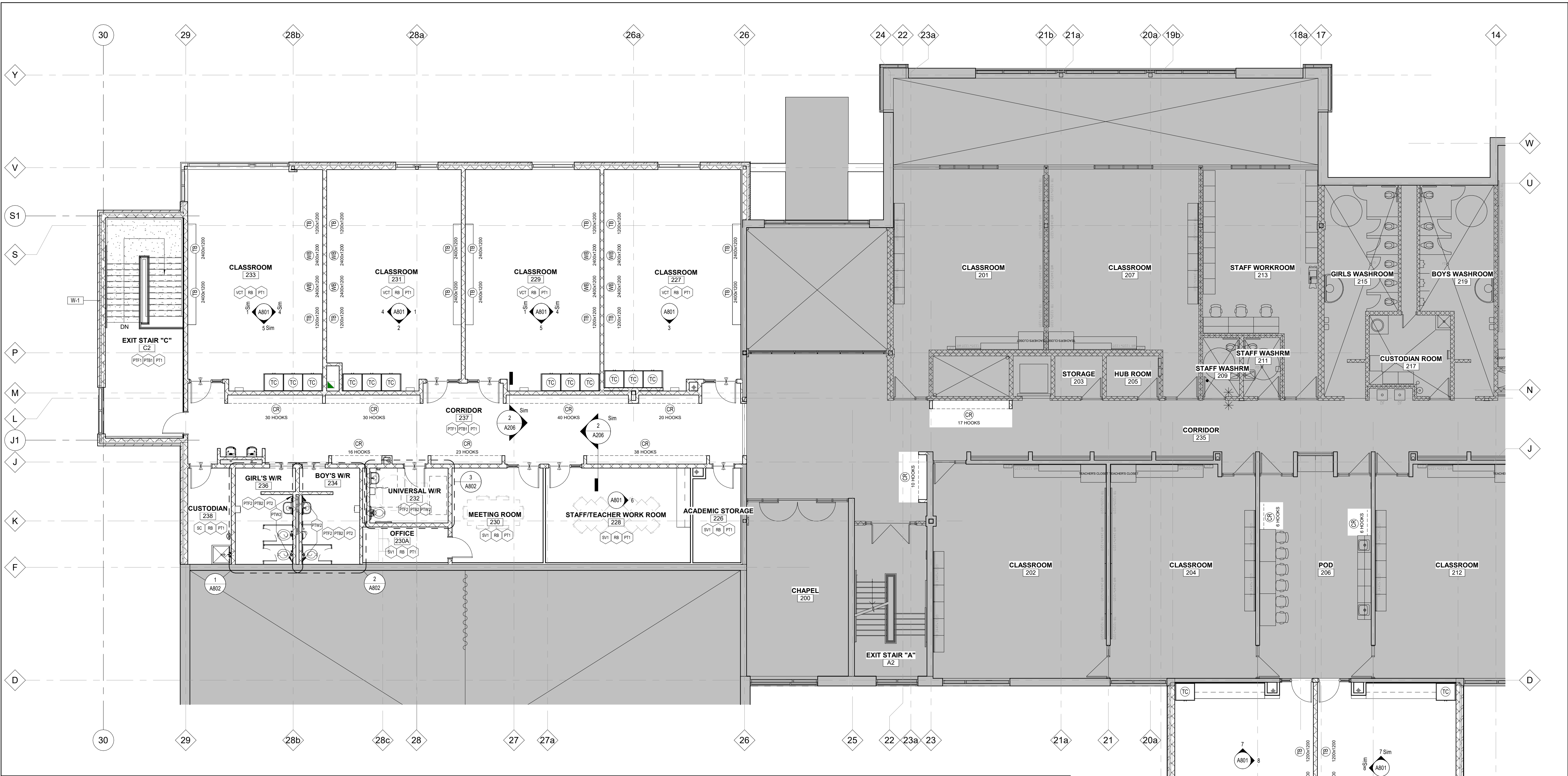
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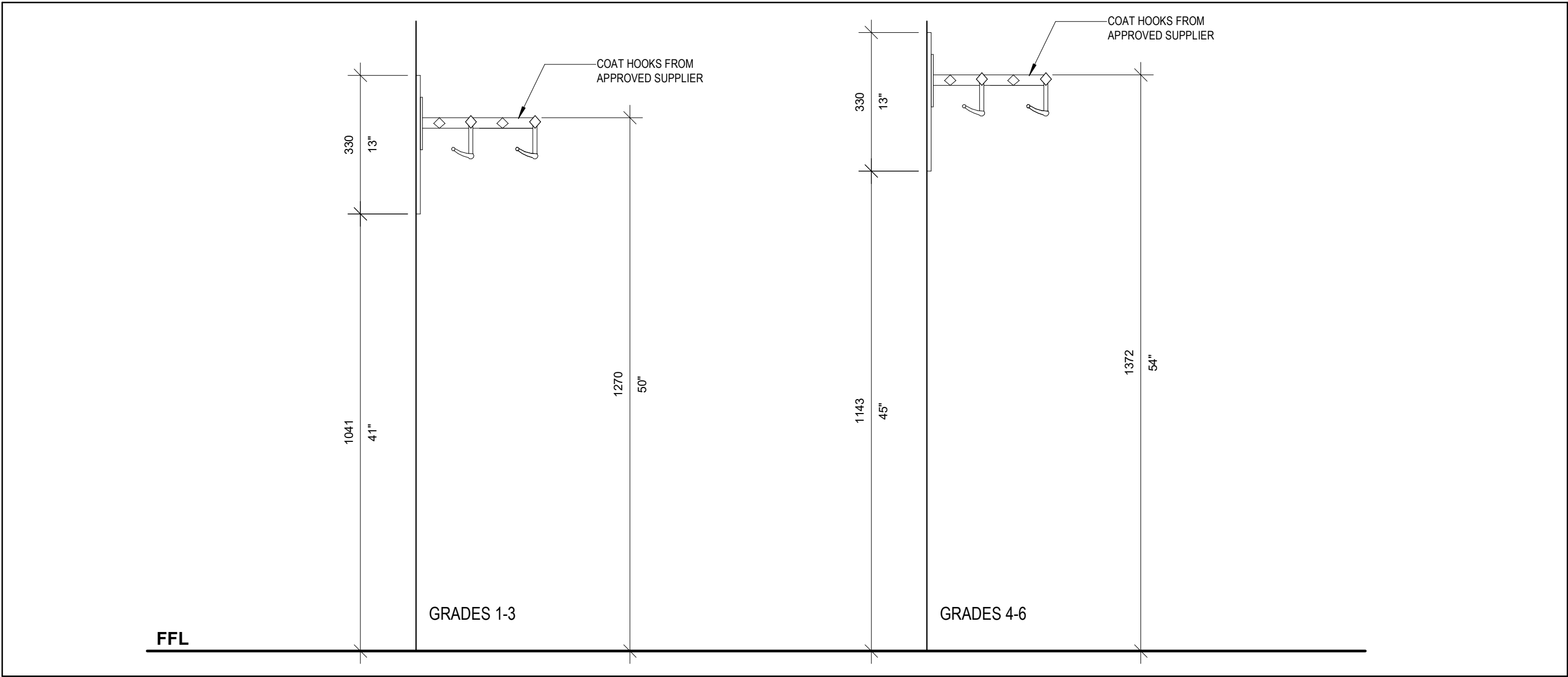
SCALE: As Indicated
DATE: 2025-05-09
PROJECT NO: 2023-0753-10
DRAWN BY: EA
CHECKED BY: MM

SHEET NO:

A205



1 PARTIAL SECOND FLOOR FINISHES AND MILLWORK PLAN
A206 Scale: 1 : 100



2 COAT RACK HEIGHTS
A206 Scale: 1 : 10

FINISHES LEGEND

- WALL & CEILING**
- PT WALL PAINT
 - PTM PORCELAIN WALL TILE
 - FLOOR**
 - PTF PORCELAIN TILE
 - SV SHEET VINYL
 - SC SEALED CONCRETE
 - VCT VINYL COMPOSITE TILE
 - BASE**
 - RB RUBBER BASE
 - PFB PORCELAIN TILE BASE
 - NB NO BASE
- ARCHITECTURAL WOODWORK**
- PL PLASTIC LAMINATE

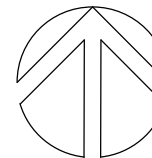
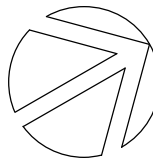
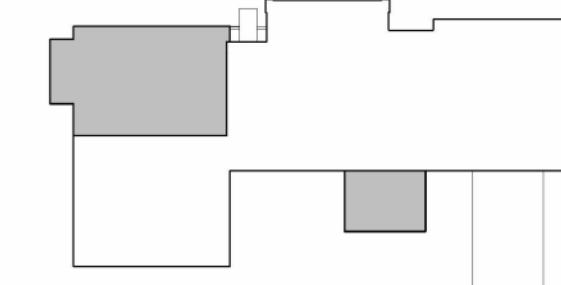
MILLWORK LEGEND

- CR # OF HOOKS COAT RACKS
SPACE COAT HOOKS @ 200 O.C. MIN.
- WB WHITE BOARD
- TB TACK BOARD
- DF DRINKING FOUNTAIN
REFER TO MECHANICAL DRAWINGS FOR DETAILS
- TC TEACHERS' CLOSET



KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH

PROJECT NORTH

No.	ISSUANCE	DATE
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2	ISSUED FOR MINISTRY APPROVAL	2024.11.05
3	ISSUED FOR 100% OWNER REVIEW	2024.11.11
4	ISSUED FOR PERMIT	2024.12.03
5	ISSUED FOR BID	2025.05.09

CLIENT
DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
PARTIAL SECOND FLOOR FINISHES AND MILLWORK PLAN

WALTERFEDY

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SEAL



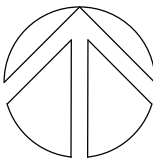
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PROJECT NO: 2023-0755-10
DRAWN BY: EA/CS
CHECKED BY: MM

SHEET NO:

A206



No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

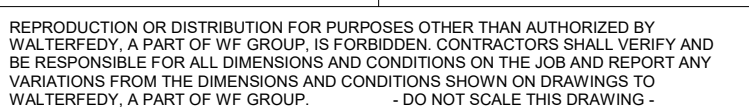
TITLE

ROOF PLAN AND DETAILS

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SEAL



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SCALE :	As indicated	SHEET NO :
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DATE:	2025.05.09				
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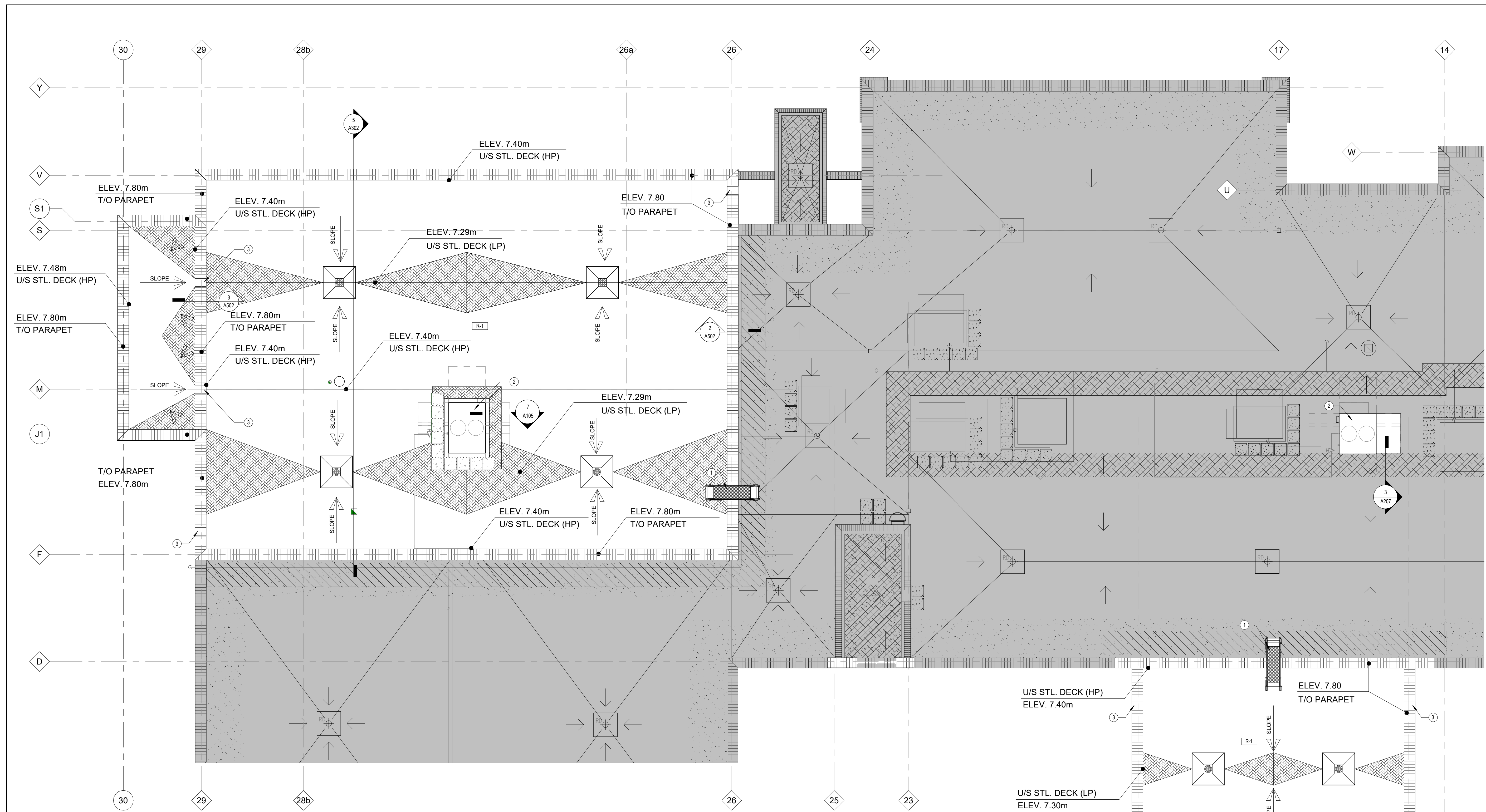
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PROJECT NO.: 2023-0753-10

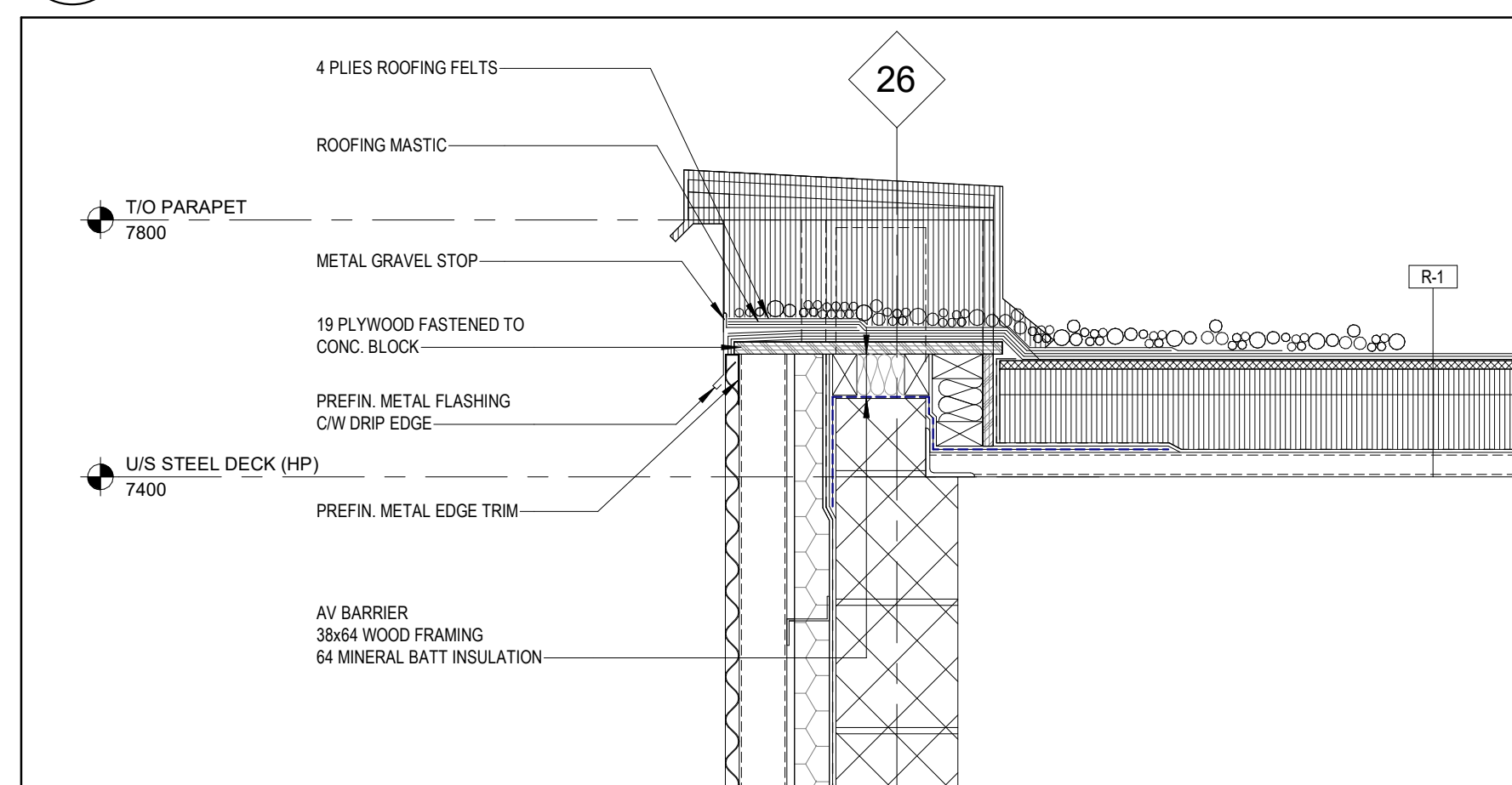
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CHECKED BY: MM	
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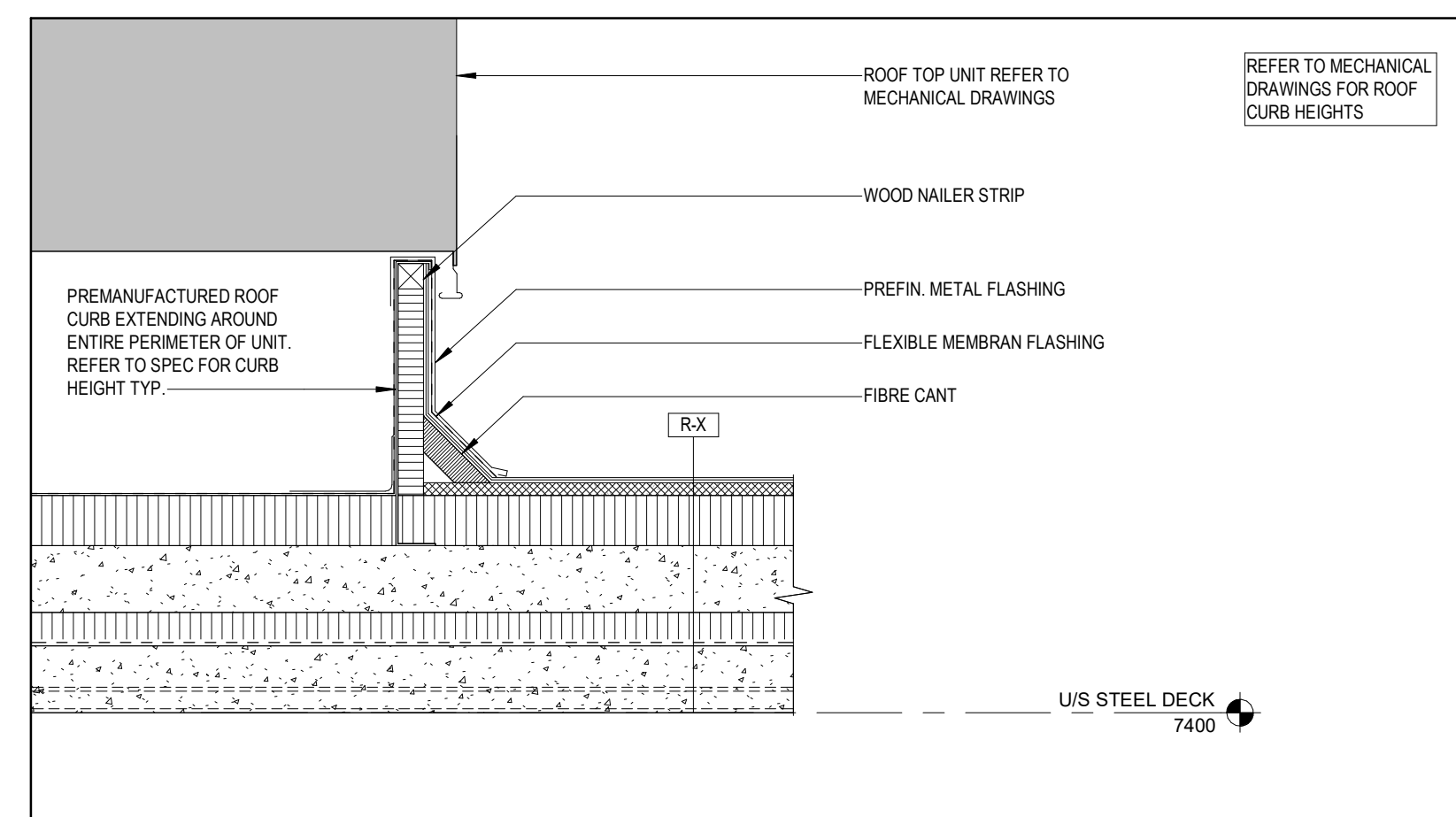
A207



1 ROOF PLAN
A207 Scale: 1 : 100



2 ROOF PARAPET SPILL-WAY DETAIL
A207 Scale: 1 : 10



3 ROOF CURB DETAIL
A207 Scale: 1 : 10

ROOF ASSEMBLIES:







- R-1 STONE AGGREGATE
4 PLY BUILT-UP ROOFING
13mm ASPHALT IMPREGNATED OVERLAY BOARD
50mm POLYISO INSULATION
100mm POLYISO INSULATION
VAPOUR RETARDER
13mm EXTERIOR GRADE GYPSUM SHEATHING
STEEL DECK

R-X EXISTING ROOF ASSEMBLY

ROOF NOTES:

- ① NON ROOF PENETRATING PARAPET CROSSOVER STAIR, REFER TO SPECIFICATION
- ② MECHANICAL ROOFTOP UNIT, REFER TO MECHANICAL
- ③ PARAPET SPILL-WAY, REFER TO DETAIL 2/A207

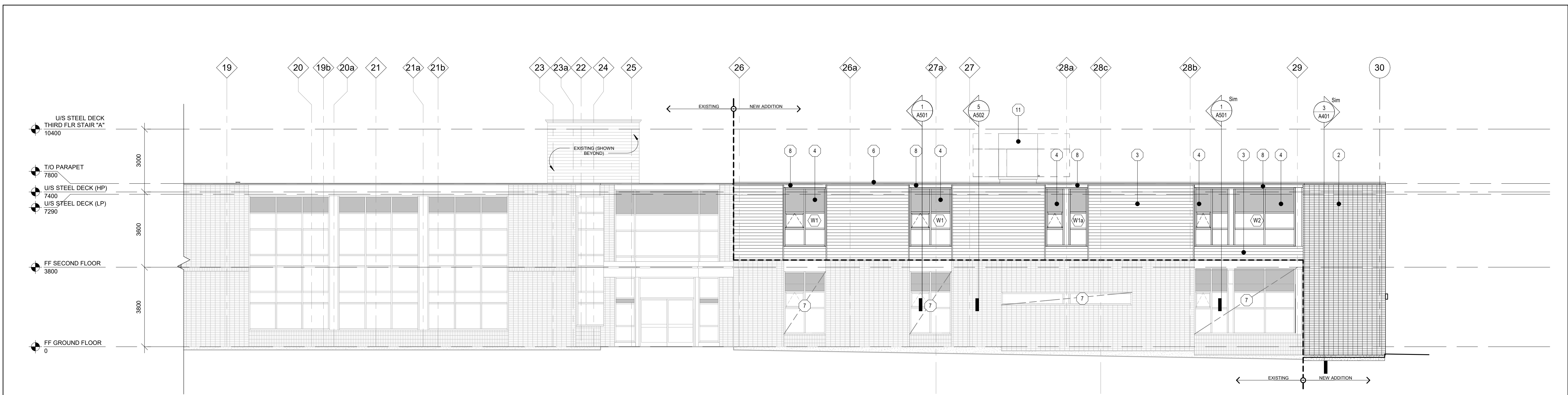
ROOF LEGEND:

- | | |
|---|--|
|  | HATCH DENOTES AREA NOT IN SCOPE OF WORK. |
|  | HATCH DENOTES AREA OF ROOF PATCHING |
|  | ROOF ASSEMBLY TAG. |
|  | TAPERED INSULATION 2% SLOPE
(UNLESS OTHERWISE NOTED) |
|  | ROOF DRAINS - COORDINATE WITH
MECHANICAL AND SPECIFICATIONS |
|  | 600x600 CONCRETE PAVER |



KEYPLAN

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4	ISSUED FOR 100% OWNER REVIEW	2024.11.11
5	ISSUED FOR PERMIT	2024.12.03
6	RE-ISSUED FOR SPA	2025.01.31
7	ISSUED FOR BID	2025.05.09



1 NORTH ELEVATION
A301 Scale: 1 : 100



2 SOUTH ELEVATION
A301 Scale: 1 : 100

ELEVATION DRAWING NOTES:

- EXPOSED CONCRETE FOUNDATION WALL RUBBED FINISH
- STACK BOND BRICK, FIELD COLOUR TYPE
1. FACE BRICK: BURNED CLAY BRICK, RIVERDALE MATT AS MANUFACTURED BY HANSON BRICK, METRIC MODULAR SIZE, TO MATCH EXISTING
- PRE-FINISHED METAL SIDING COLOUR METALLIC SILVER TO MATCH EXISTING
- GLAZED INSULATED SPANDREL PANEL
- THERMALLY BROKEN ALUMINUM CURTAIN WALL FRAME. SEE 1/A901 FOR WINDOW ELEGATIONS.
- PRE-FINISHED METAL PARAPET CAP FLASHING
- EXISTING ALUMINUM WINDOWS TO REMAIN UNDISTURBED
- PRE-FINISHED METAL FLASHING
- PRE-FINISHED ALUMINUM DOOR AND FRAME
- LIMESTONE ACCENT REFER TO SPECIFICATIONS FOR FINISH
- PRE-FINISHED METAL SIDING TRIM COLOUR METALLIC SILVER, REFER TO TRIM DETAIL ON 10/A601.
- EXISTING PREFIN. METAL FLASHING AND SUPPORT FRAMING TO REMAIN UNDISTURBED. PATCH AND MAKE GOOD ANY DAMAGE DUE TO DEMOLITION AN CONSTRUCTION.
- PRE-FINISHED ALUMINUM ENCLOSURE PANEL BY WINDOW MANUFACTURER.

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

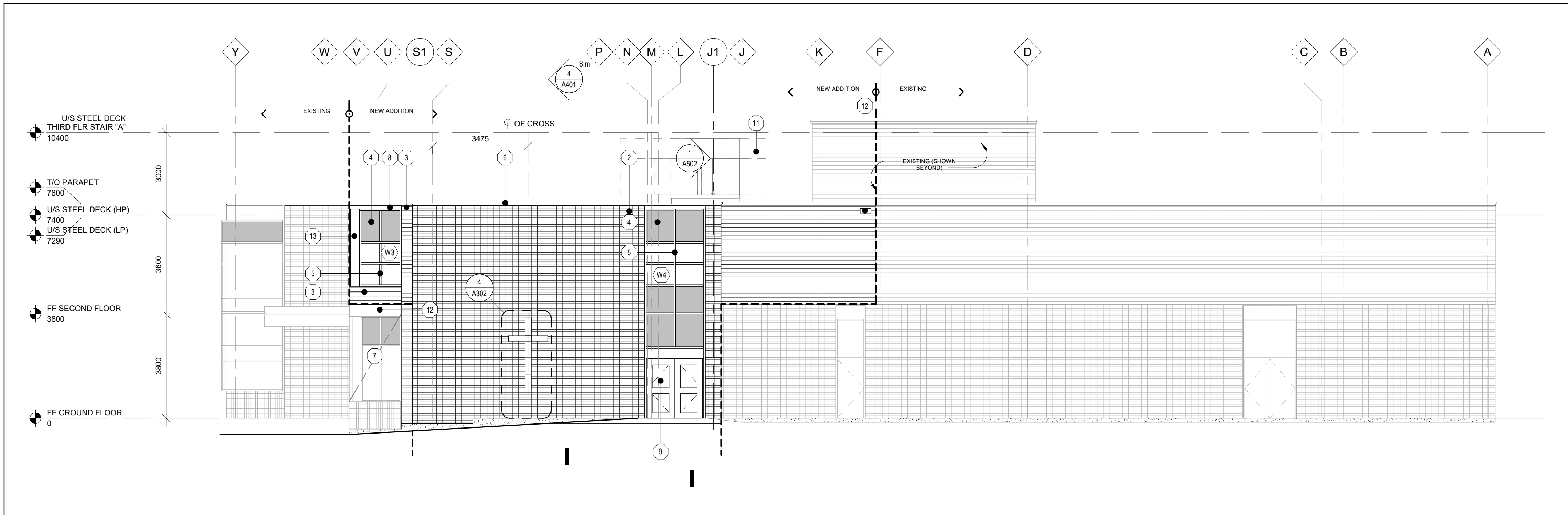
EXTERIOR ELEVATIONS

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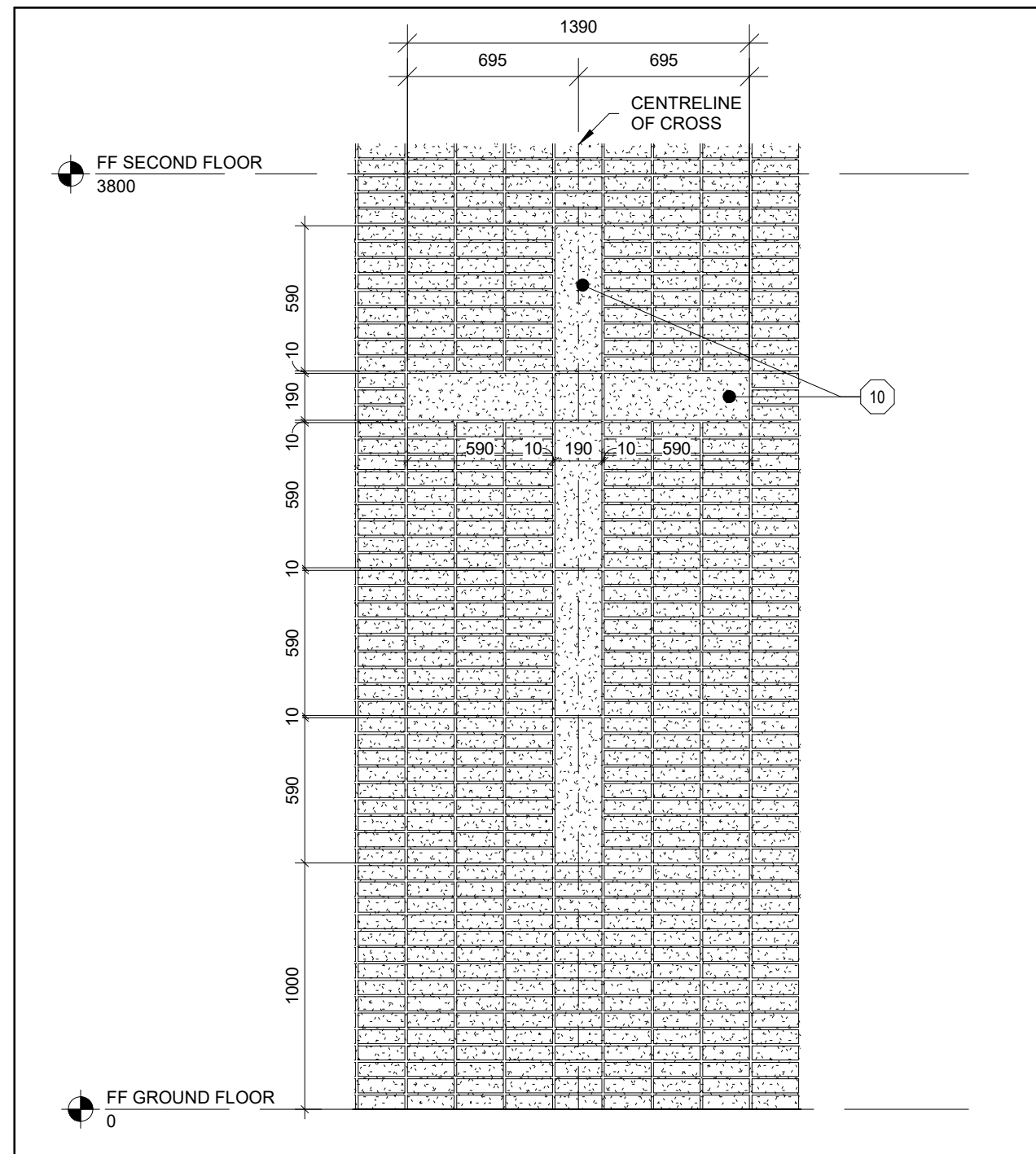


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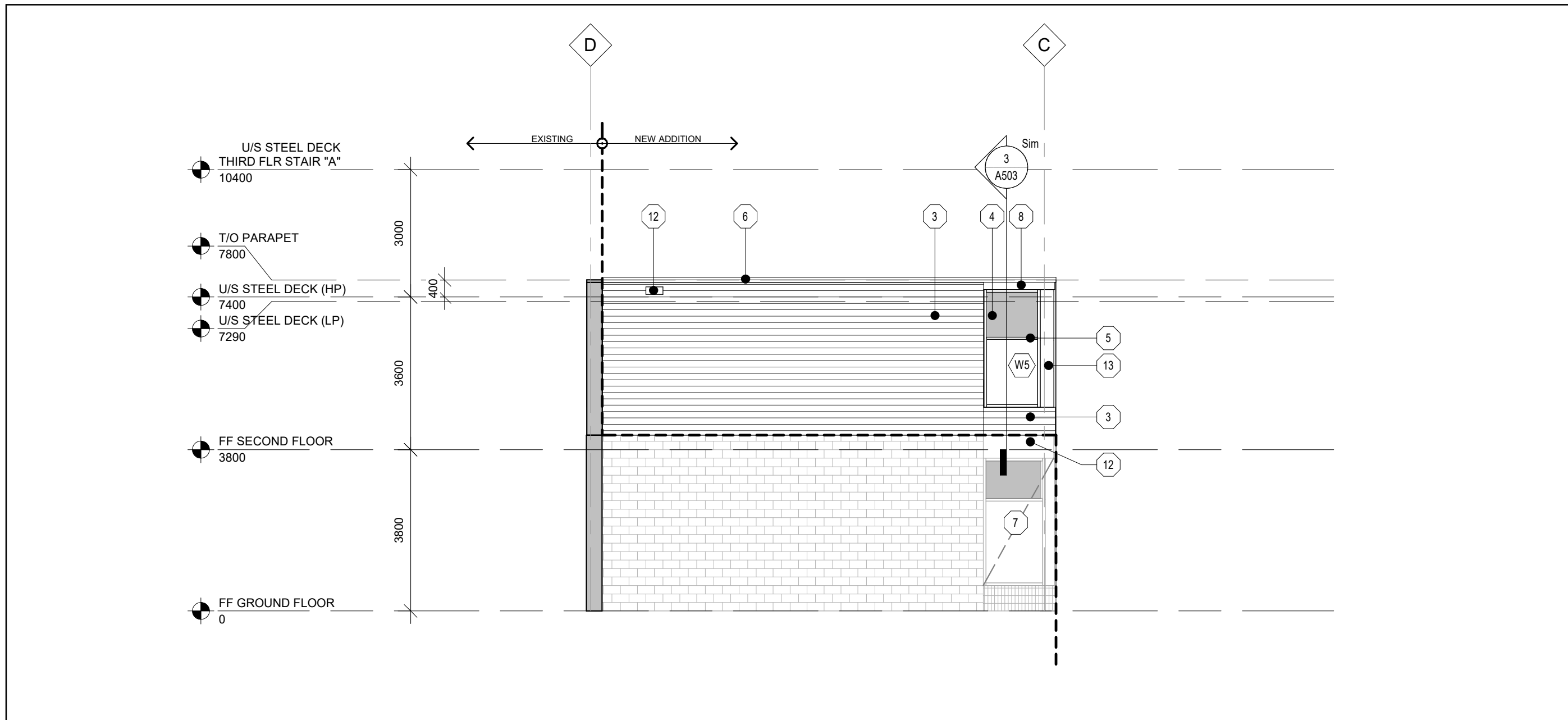
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DATE: 2025-05-09	
PROJECT NO: 2023-0753-10	
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CHECKED BY: MM	



1 WEST ELEVATION
A302 Scale: 1 : 100

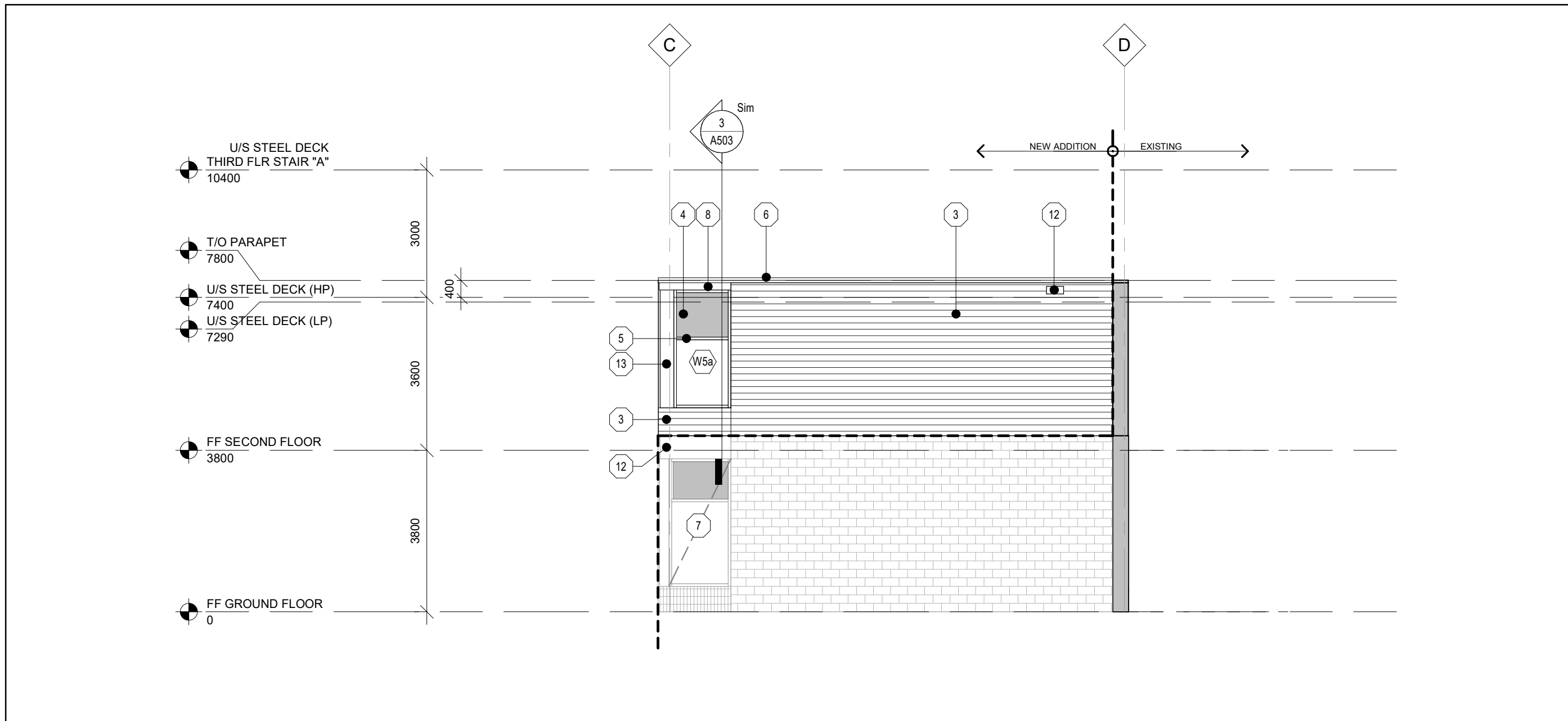


4 LIMESTONE CROSS DETAIL
A302 Scale: 1 : 25

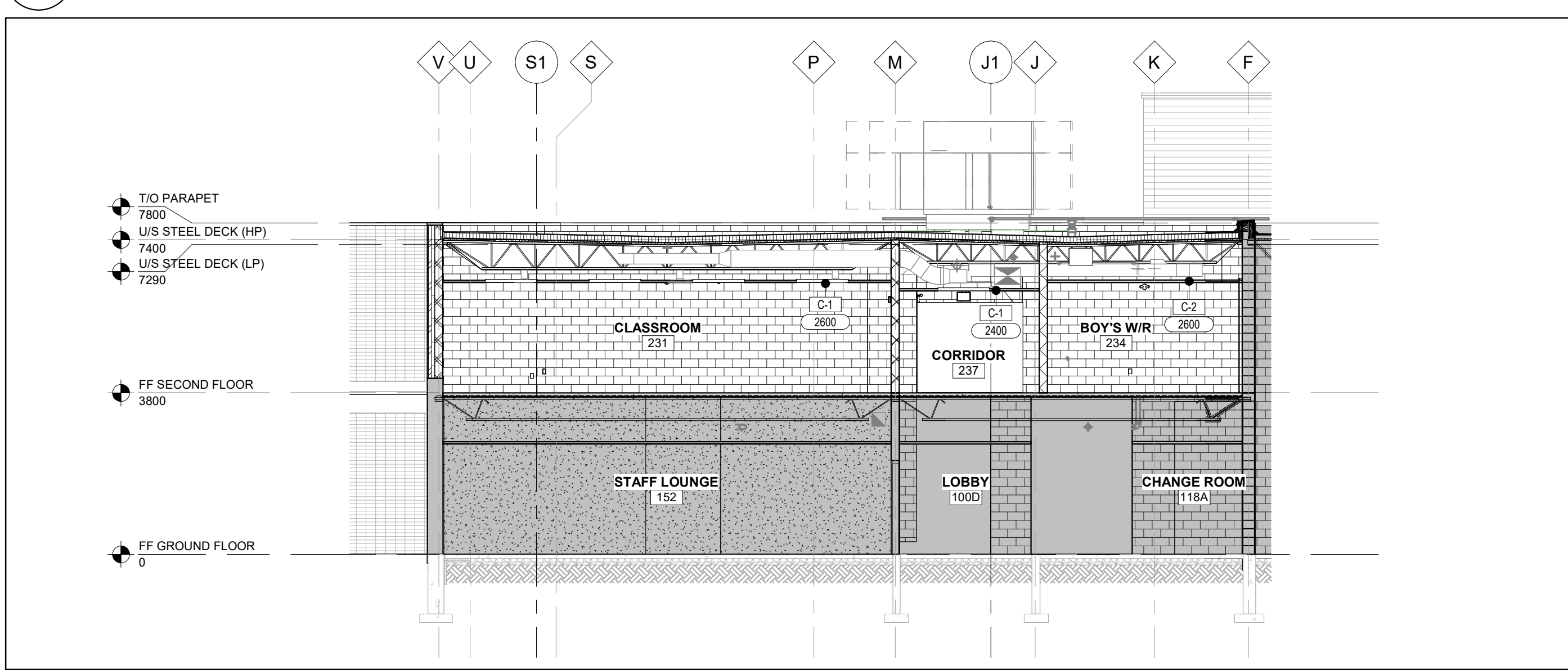


2 WEST ELEVATION - SECOND FLOOR CLASSROOM ADDITION
A302 Scale: 1 : 100

ELEVATION DRAWING NOTES:	
1 EXPOSED CONCRETE FOUNDATION WALL RUBBED FINISH	12 EXISTING PREFIN. METAL FLASHING AND SUPPORT FRAMING TO REMAIN UNDISTURBED. PATCH AND MAKE GOOD ANY DAMAGE DUE TO DEMOLITION AN CONSTRUCTION.
2 STACK BOND BRICK, FIELD COLOUR TYPE 1. FACE BRICK: BURNED CLAY BRICK, RIVERDALE MATT AS MANUFACTURED BY HANSON BRICK, METRIC MODULAR SIZE, TO MATCH EXISTING	13 PRE-FINISHED ALUMINUM ENCLOSURE PANEL BY WINDOW MANUFACTURER.
3 PRE-FINISHED METAL SIDING COLOUR METALLIC SILVER TO MATCH EXISTING	
4 GLAZED INSULATED SPANDREL PANEL	
5 THERMALLY BROKEN ALUMINUM CURTAIN WALL FRAME. SEE 1/A901 FOR WINDOW ELEGATIONS.	
6 PRE-FINISHED METAL PARAPET CAP FLASHING	
7 EXISTING ALUMINUM WINDOWS TO REMAIN UNDISTURBED	
8 PRE-FINISHED METAL FLASHING	
9 PRE-FINISHED ALUMINUM DOOR AND FRAME	
10 LIMESTONE ACCENT REFER TO SPECIFICATIONS FOR FINISH	
11 PRE-FINISHED METAL SIDING TRIM COLOUR METALLIC SILVER, REFER TO TRIM DETAIL ON 10/A601.	



3 EAST ELEVATION - SECOND FLOOR CLASSROOM ADDITION
A302 Scale: 1 : 100



5 BUILDING SECTION
A302 Scale: 1 : 100



KEYPLAN

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR SPA AMENDMENT	2024.10.10
3	ISSUED FOR MINISTRY APPROVAL	2024.11.05
4	ISSUED FOR 100% OWNER REVIEW	2024.11.11
5	ISSUED FOR PERMIT	2024.12.03
6	RE-ISSUED FOR SPA	2025.01.31
7	ISSUED FOR BID	2025.05.09

CLIENT
DURHAM CATHOLIC DISTRICT SCHOOL BOARD
652 Rossland Road West, Oshawa, ON

PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

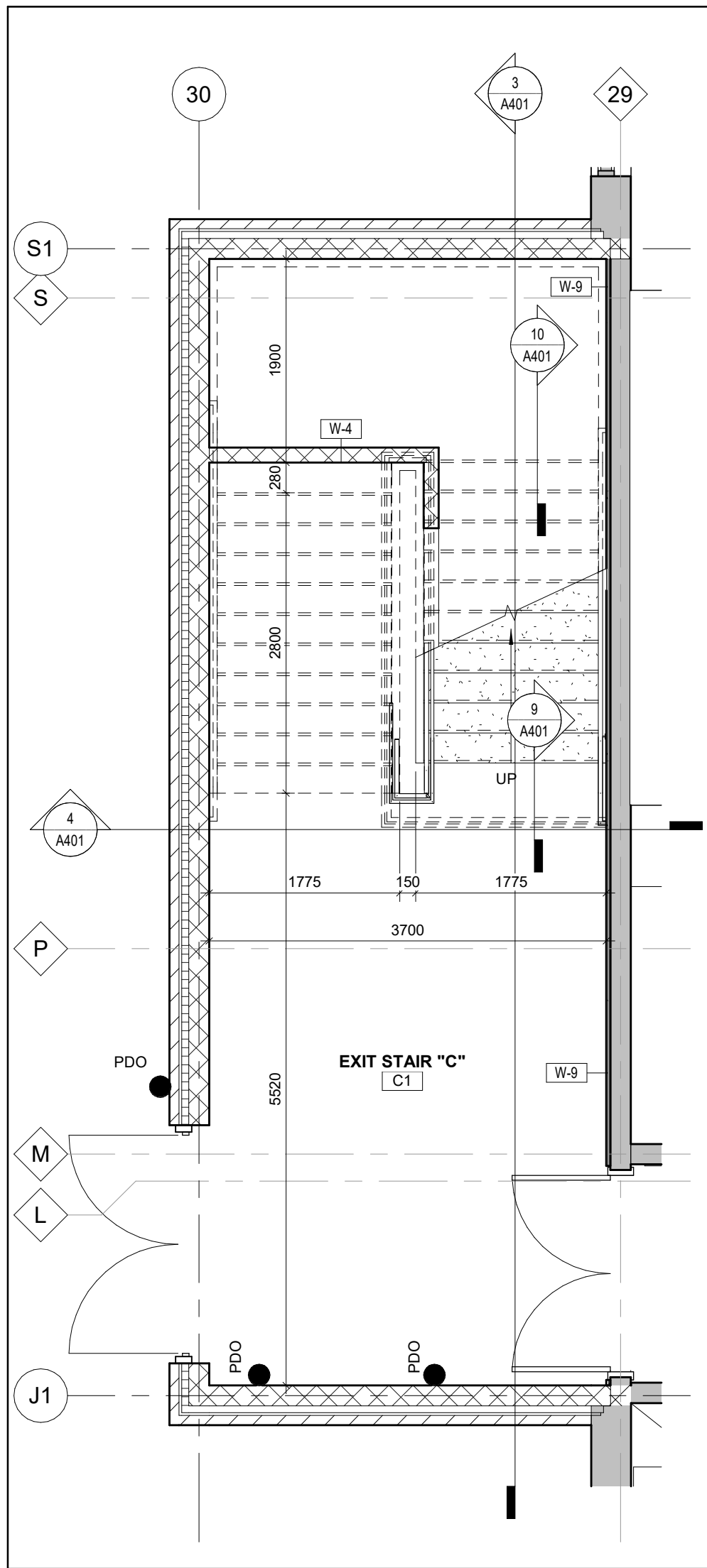
TITLE
EXTERIOR ELEVATIONS AND BUILDING SECTION

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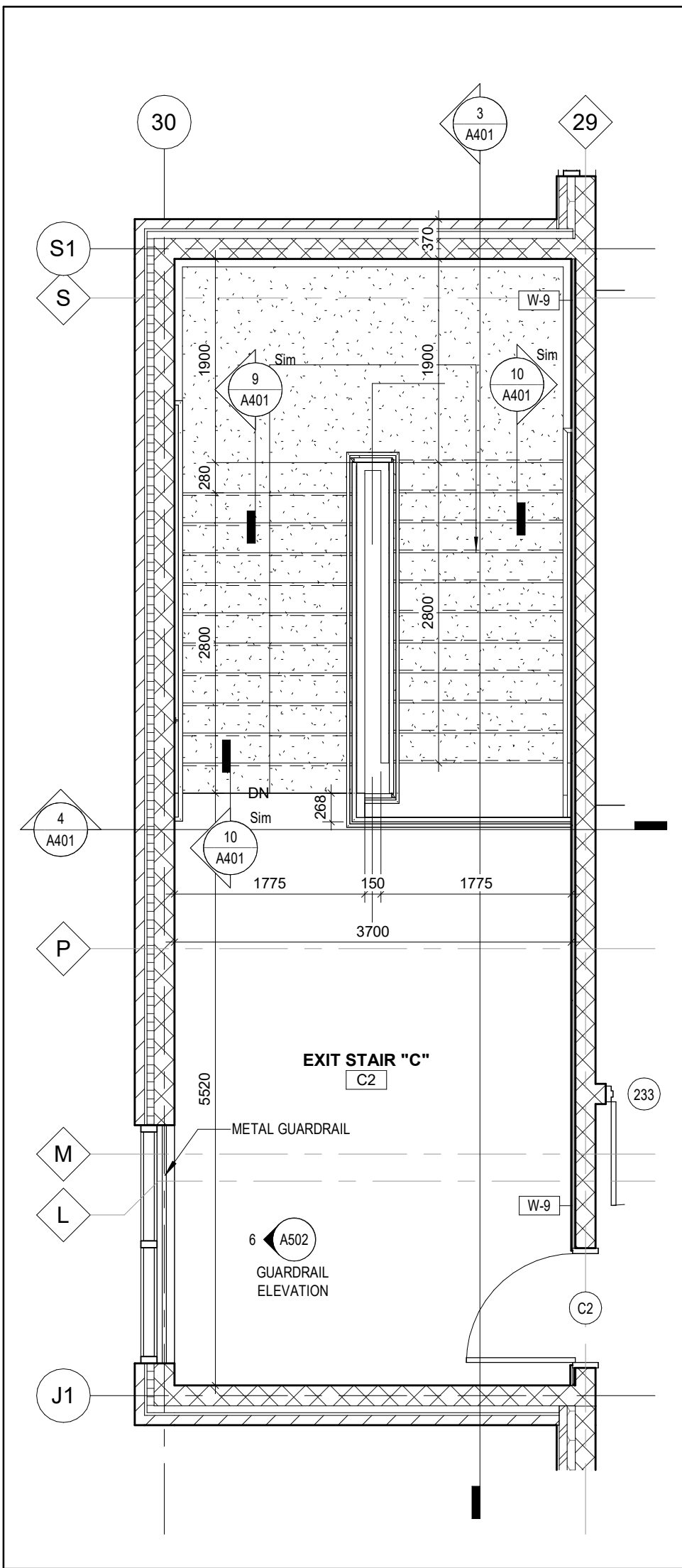


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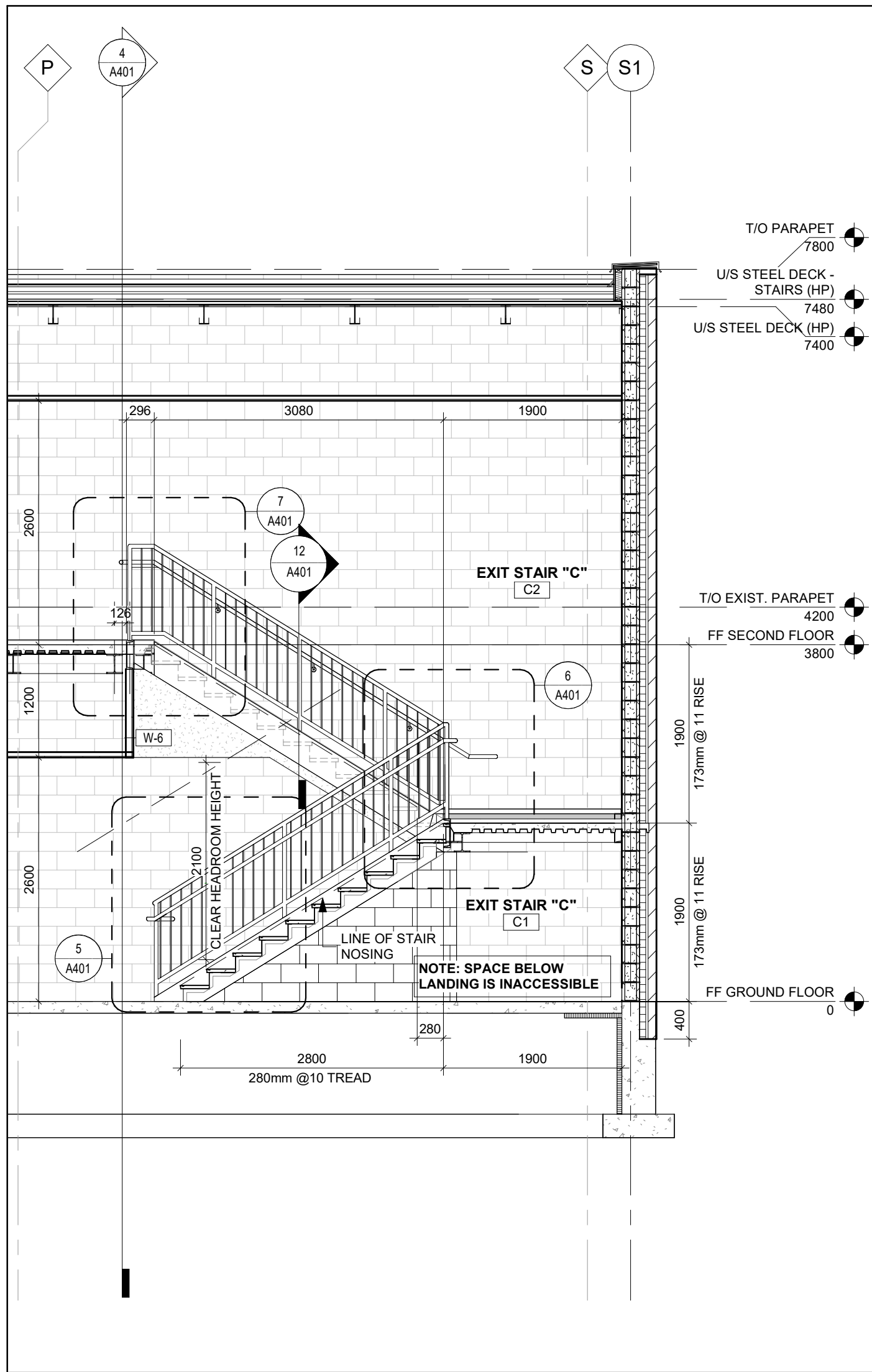
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DATE: 2025-05-09	
PROJECT NO: 2023-0753-10	
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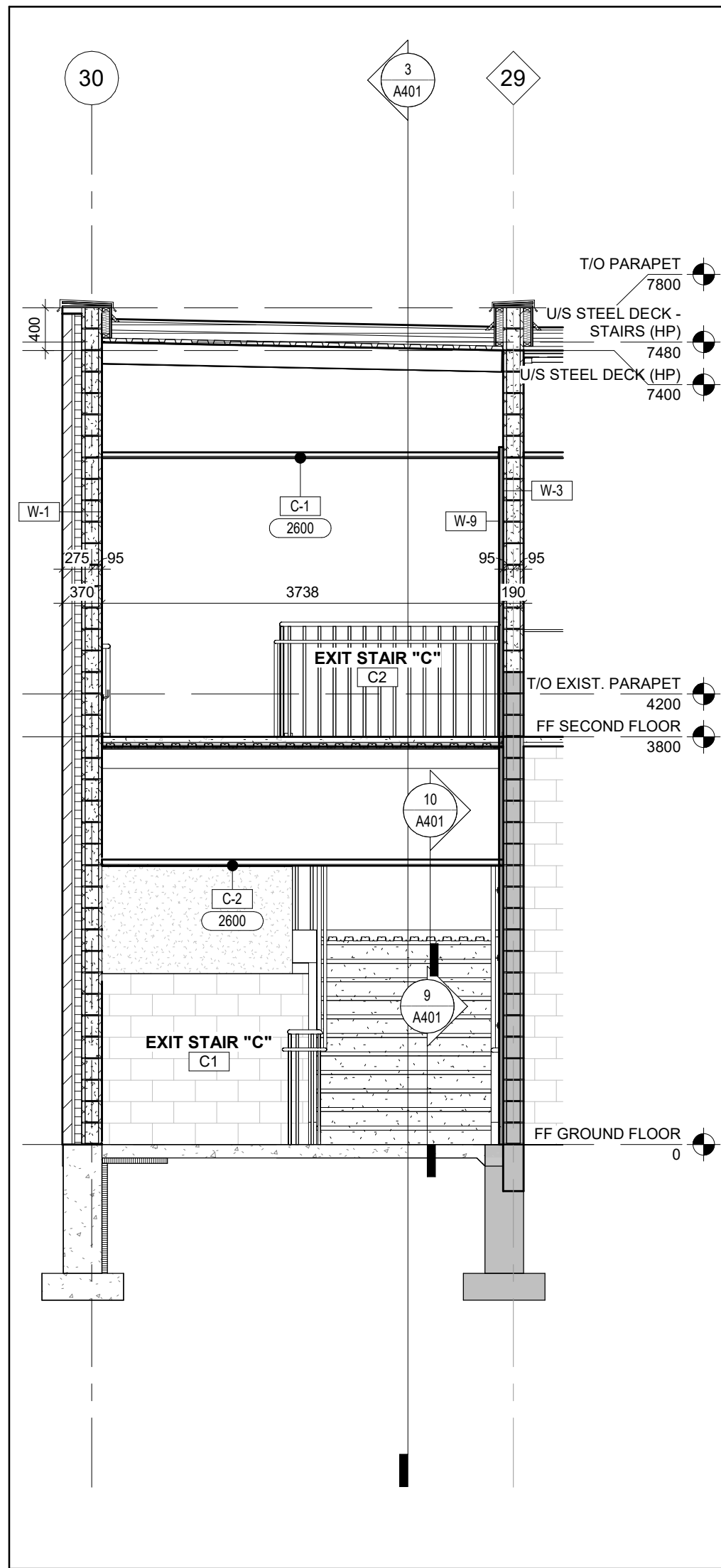
1 EXIT STAIR "C" - GROUND FLOOR PLAN
A401 Scale: 1 : 50



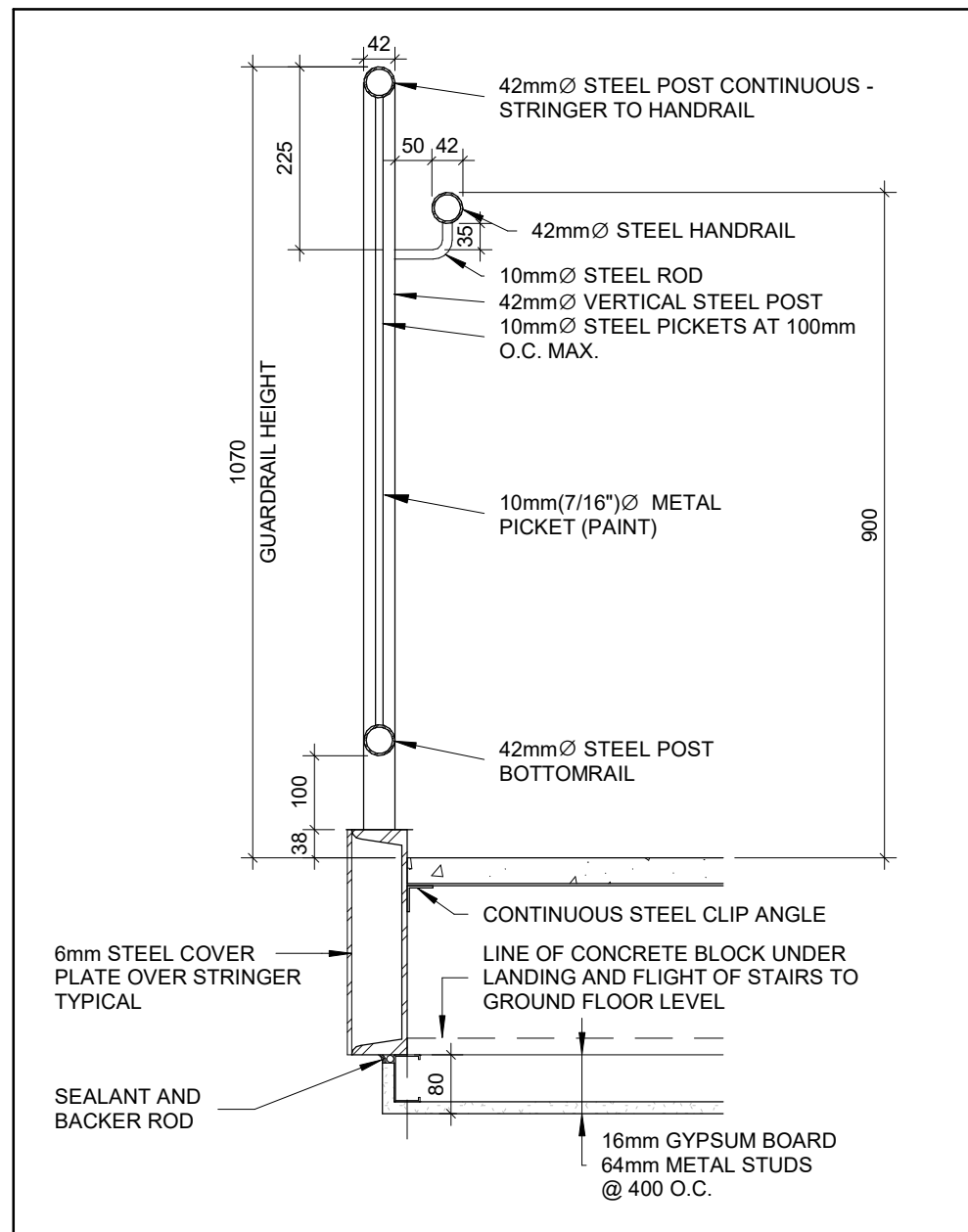
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A401 Scale: 1 : 50



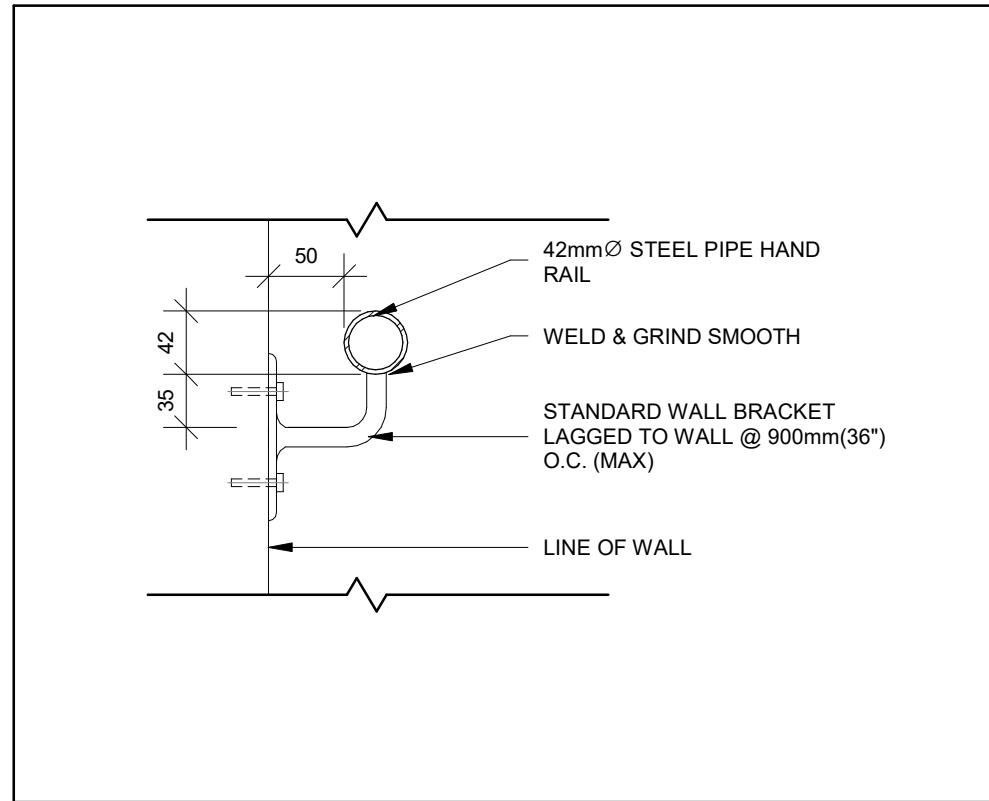
3 EXIT STAIR "C" - SECTION
A401 Scale: 1 : 50



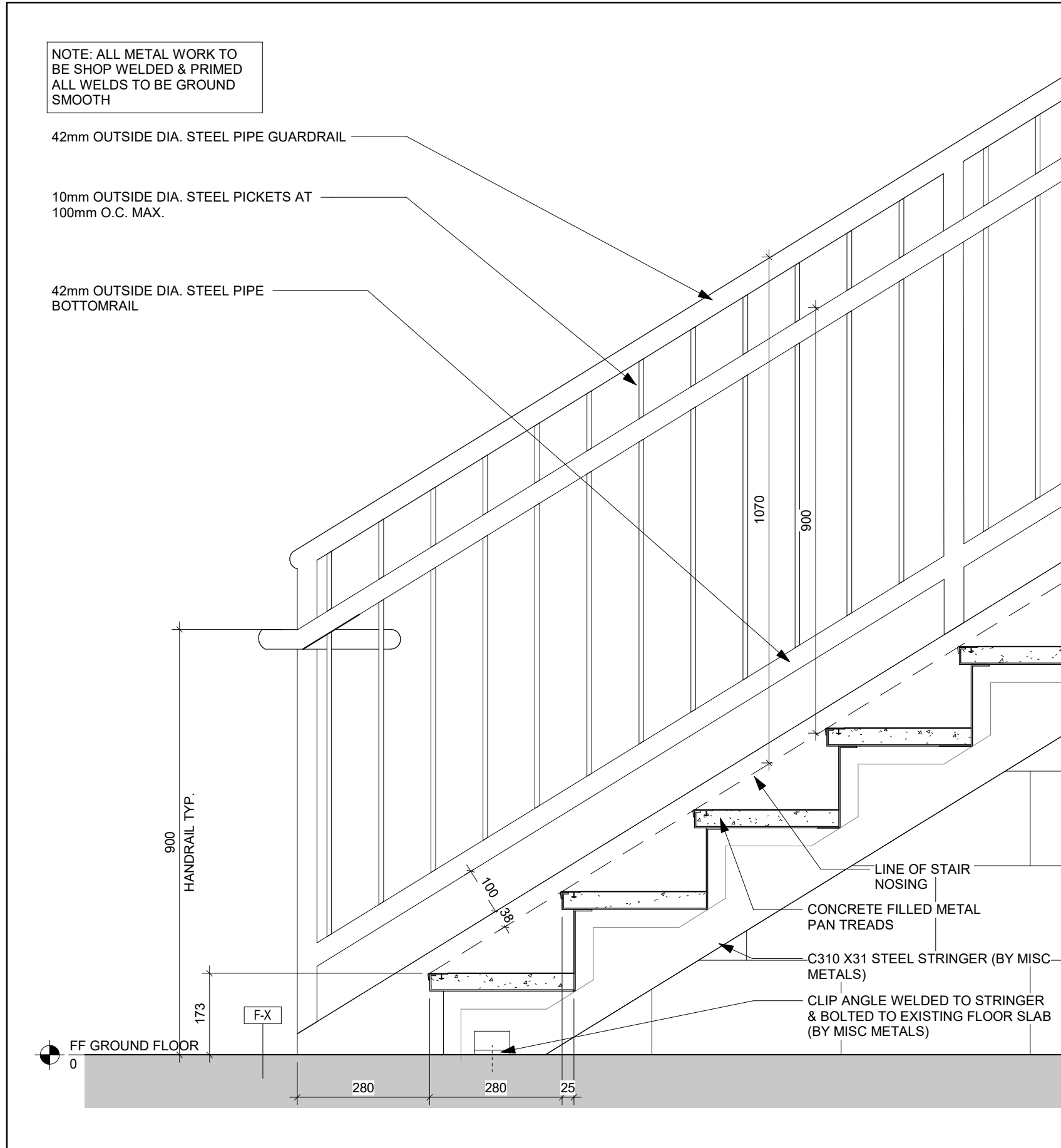
4 EXIT STAIR "C" - SECTION
A401 Scale: 1 : 50



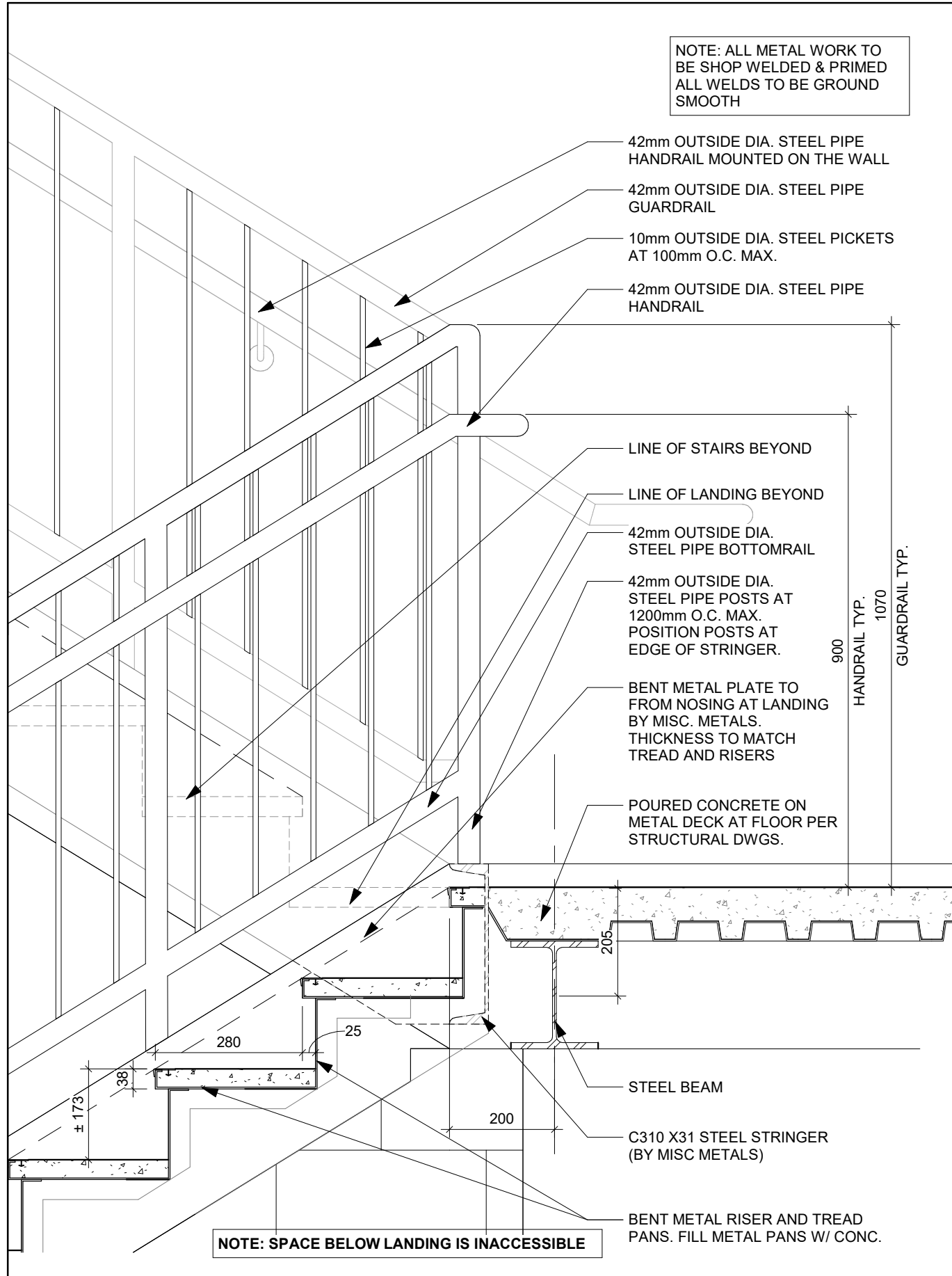
12 TYP. HANDRAIL SECTION DETAIL
A401 Scale: 1 : 10



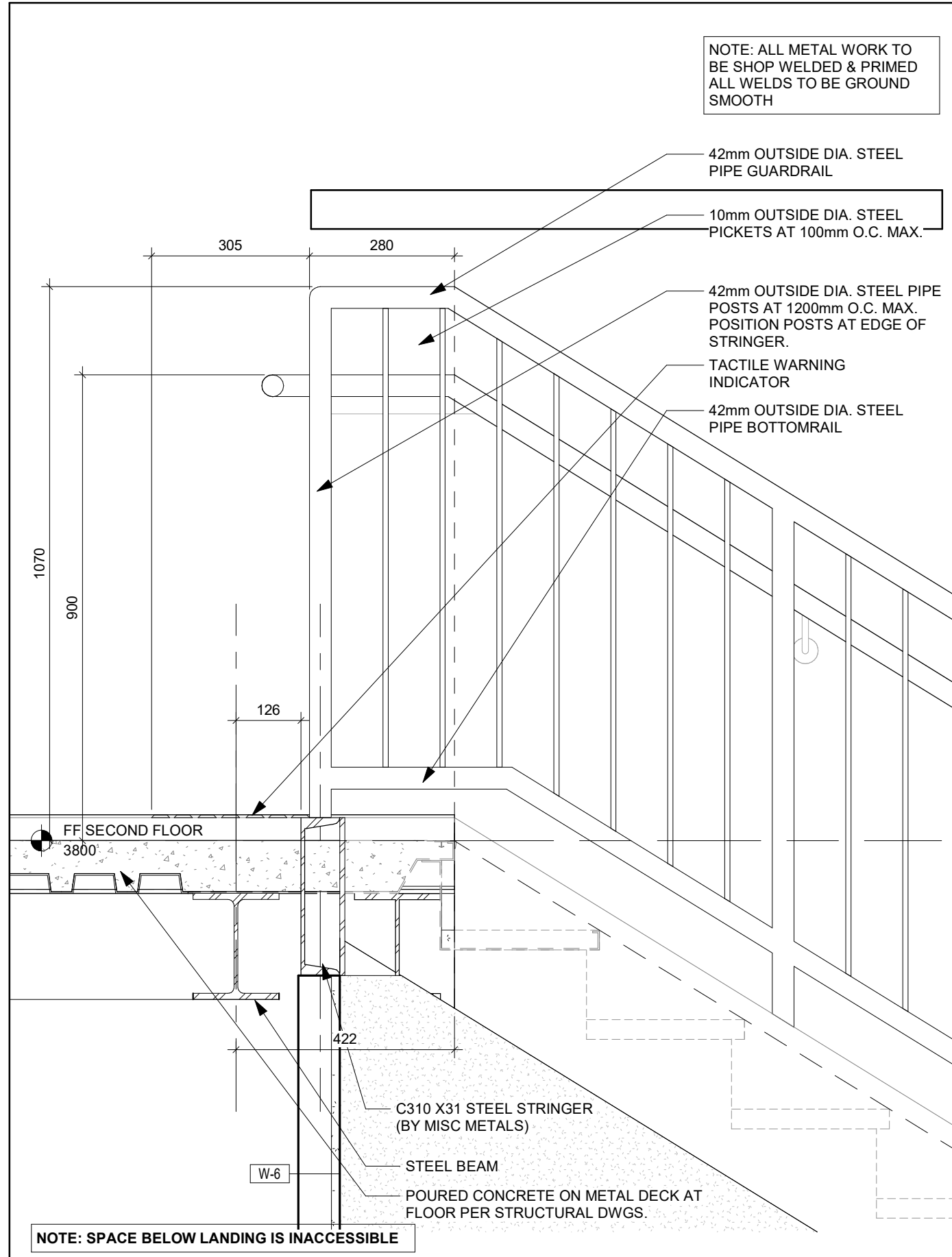
11 SECTION DETAIL
A401 Scale: 1 : 5



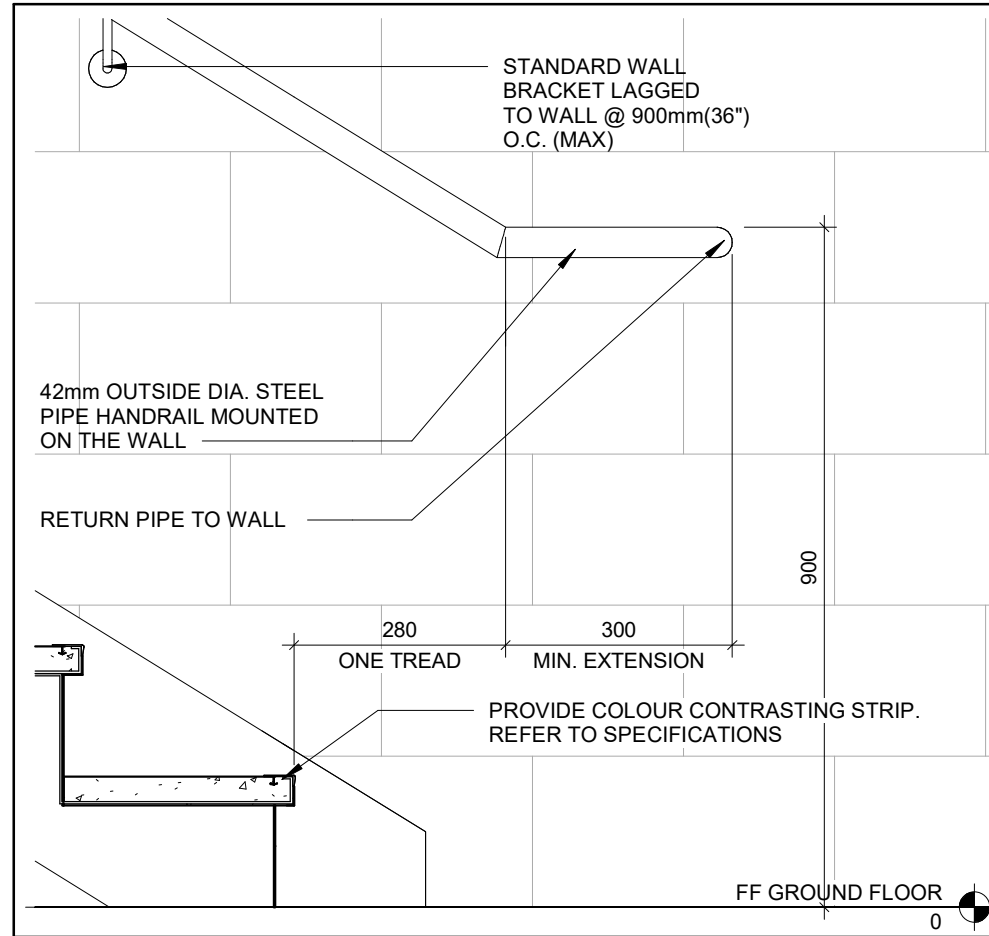
5 SECTION DETAIL - BOTTOM OF STAIR
A401 Scale: 1 : 10



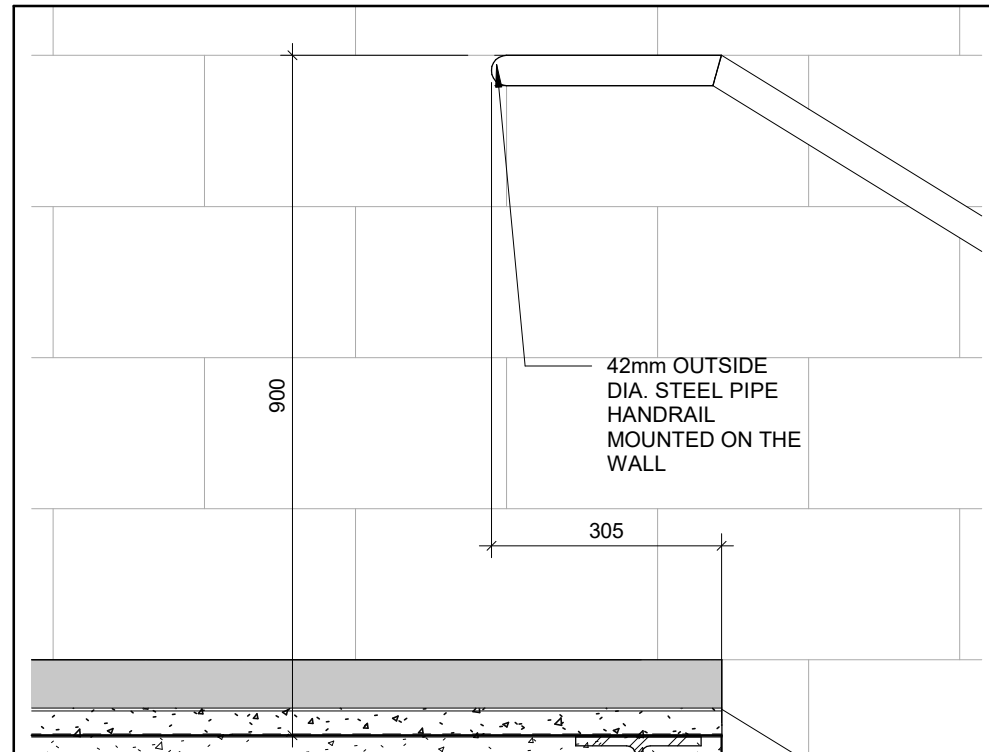
6 SECTION DETAIL - STAIR LANDING
A401 Scale: 1 : 10




7 SECTION DETAIL - TOP OF STAIR
A401 Scale: 1 : 10



9 SECTION DETAIL
A401 Scale: 1 : 10



10 SECTION DETAIL
A401 Scale: 1 : 10



DURHAM CATHOLIC DISTRICT SCHOOL BOARD

KEYPLAN

No. ISSUANCE DATE

1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR SPA AMENDMENT	2024.10.10
3	ISSUED FOR 100% OWNER REVIEW	2024.11.11
4	ISSUED FOR PERMIT	2024.12.03
5	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE


STAIR PLANS, SECTION AND DETAILS

WALTERFEDY

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800.685.1378 walterfedy.com

SEAL



2025.05.09
of
ARCHITECTS
MARIA JOSE MELO
LICENCE
9327
2023-0753-10

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SCALE: As Indicated

DATE: 2025-05-09

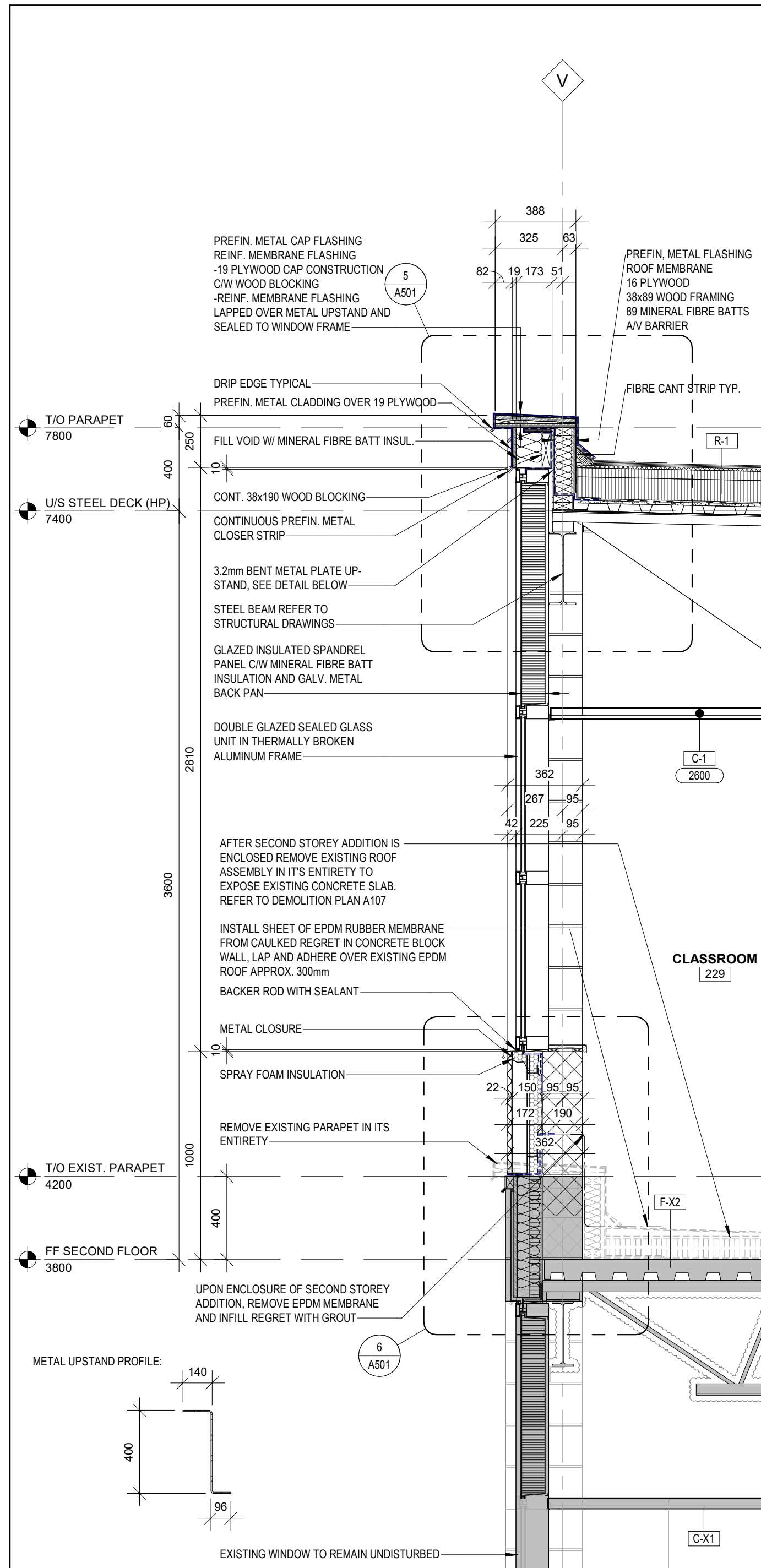
PROJECT NO: 2023-0753-10

DRAWN BY: CS/VV

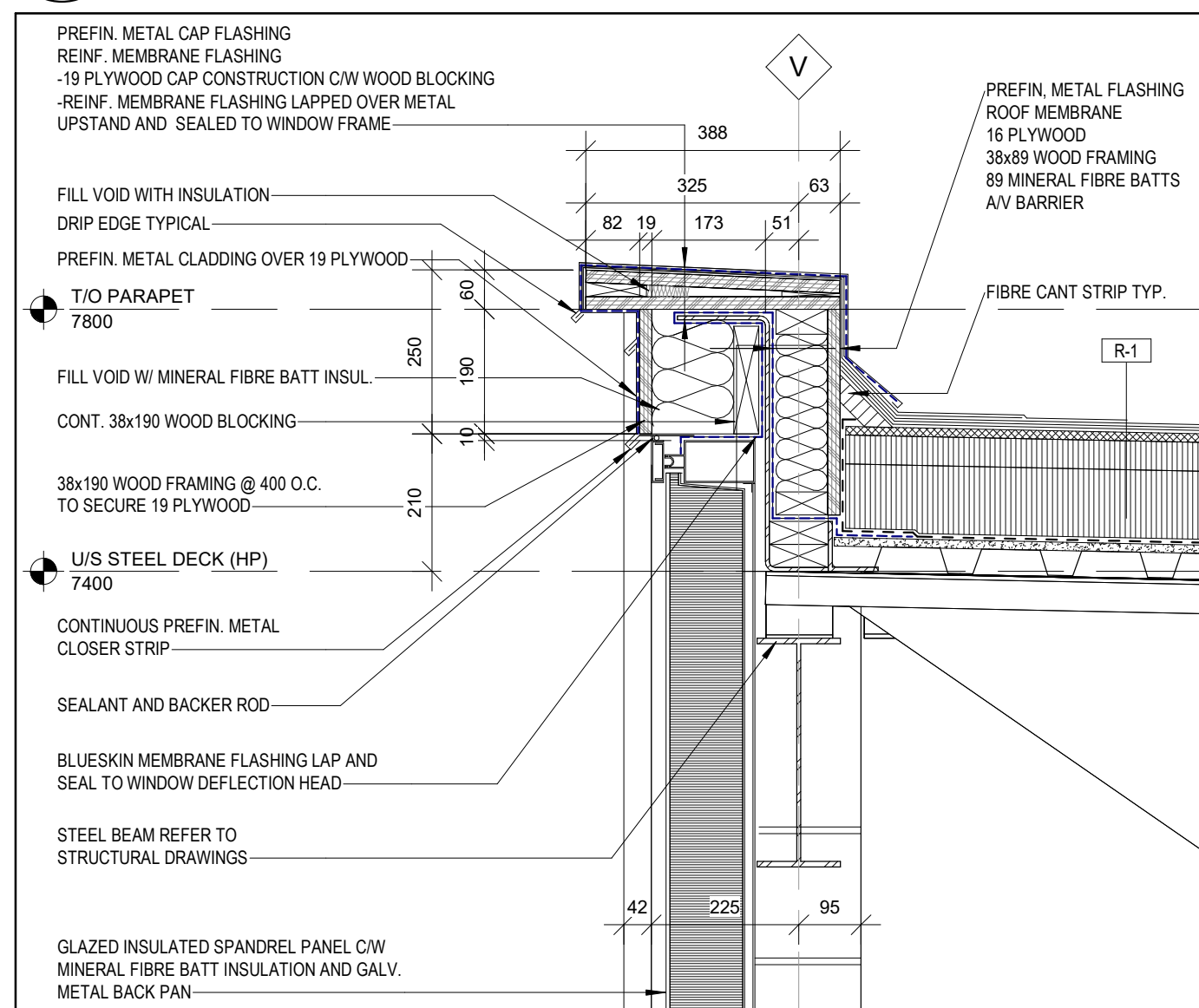
CHECKED BY: MM/SG

SHEET NO:

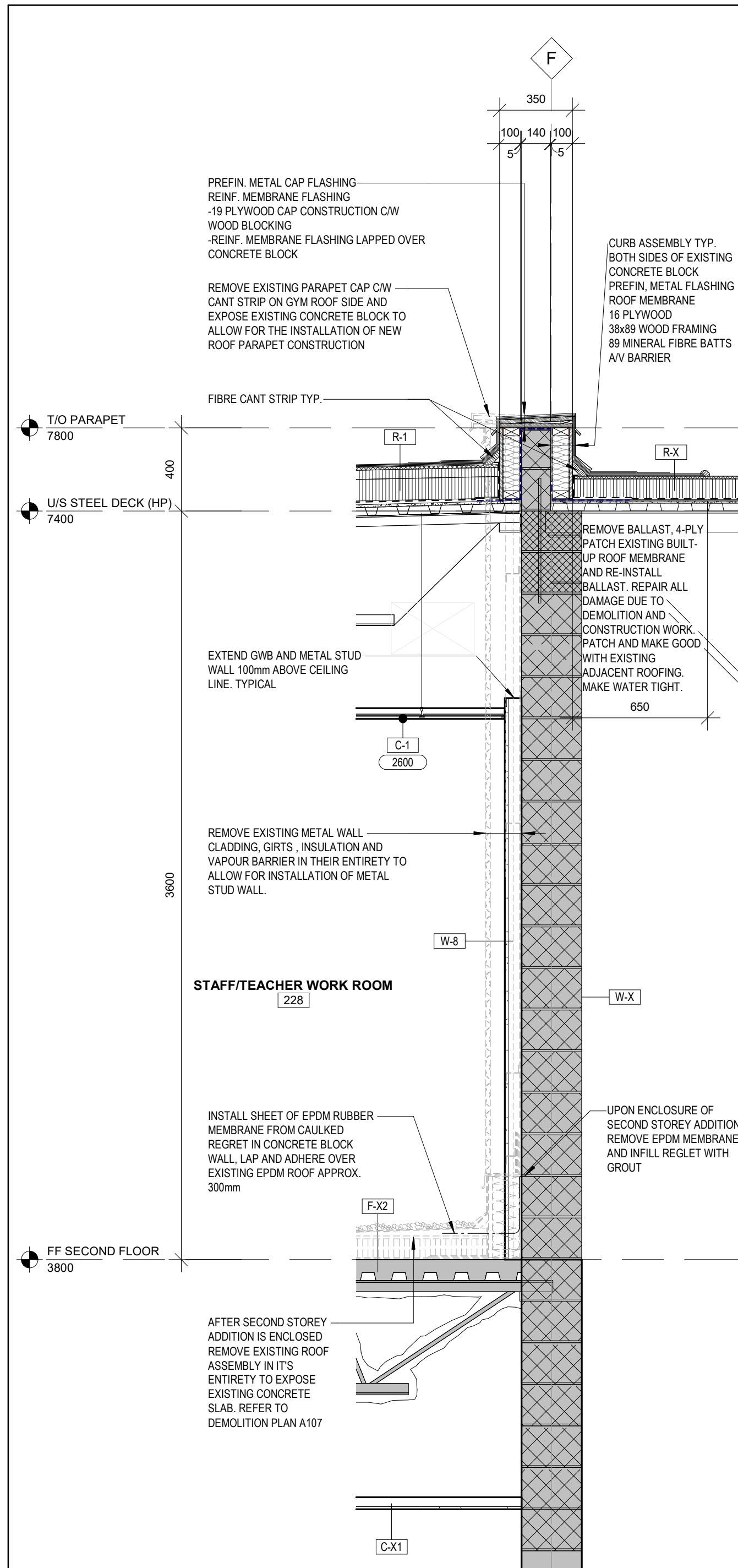
A401



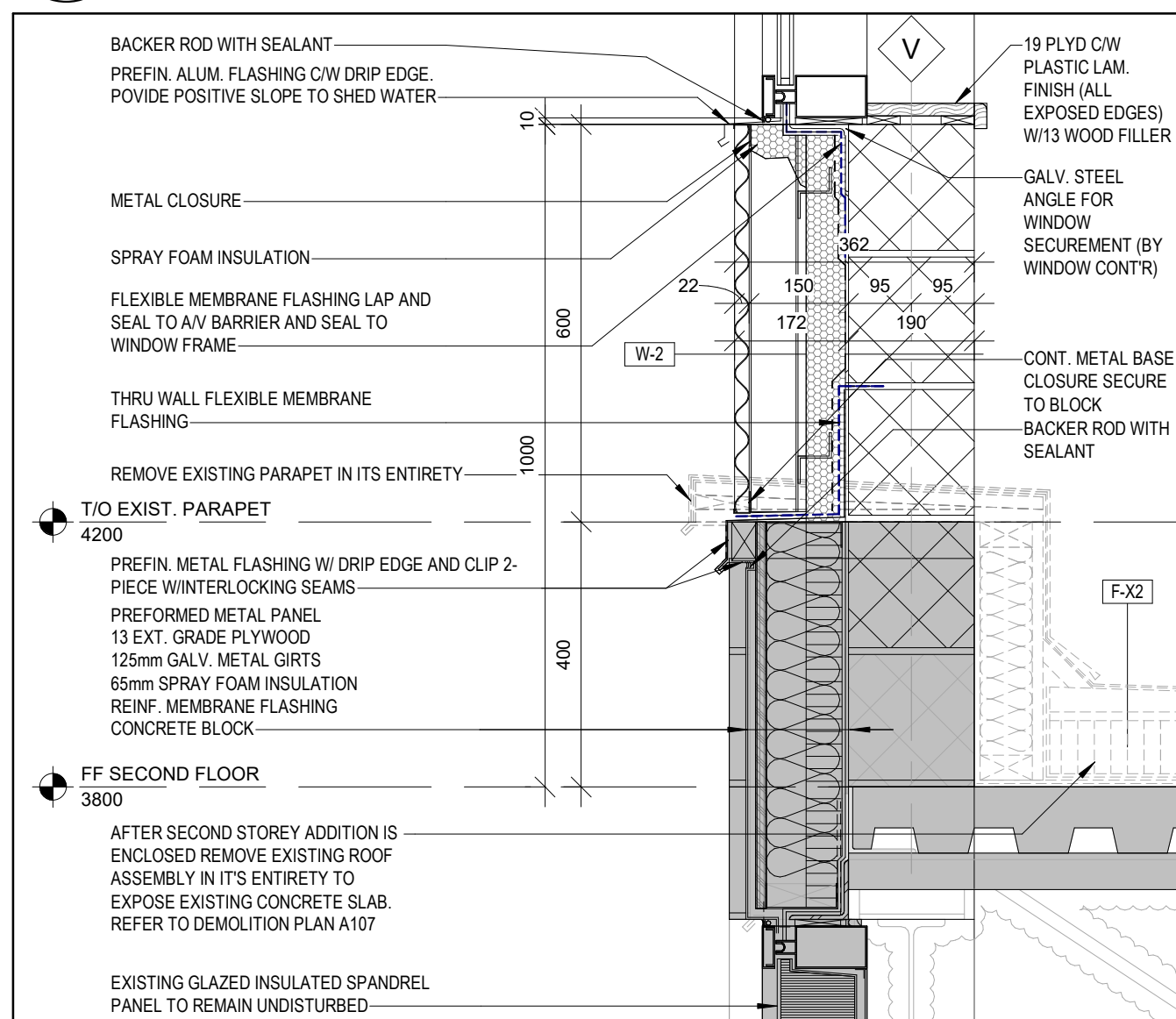
1 WALL SECTION
A501 Scale: 1 : 20



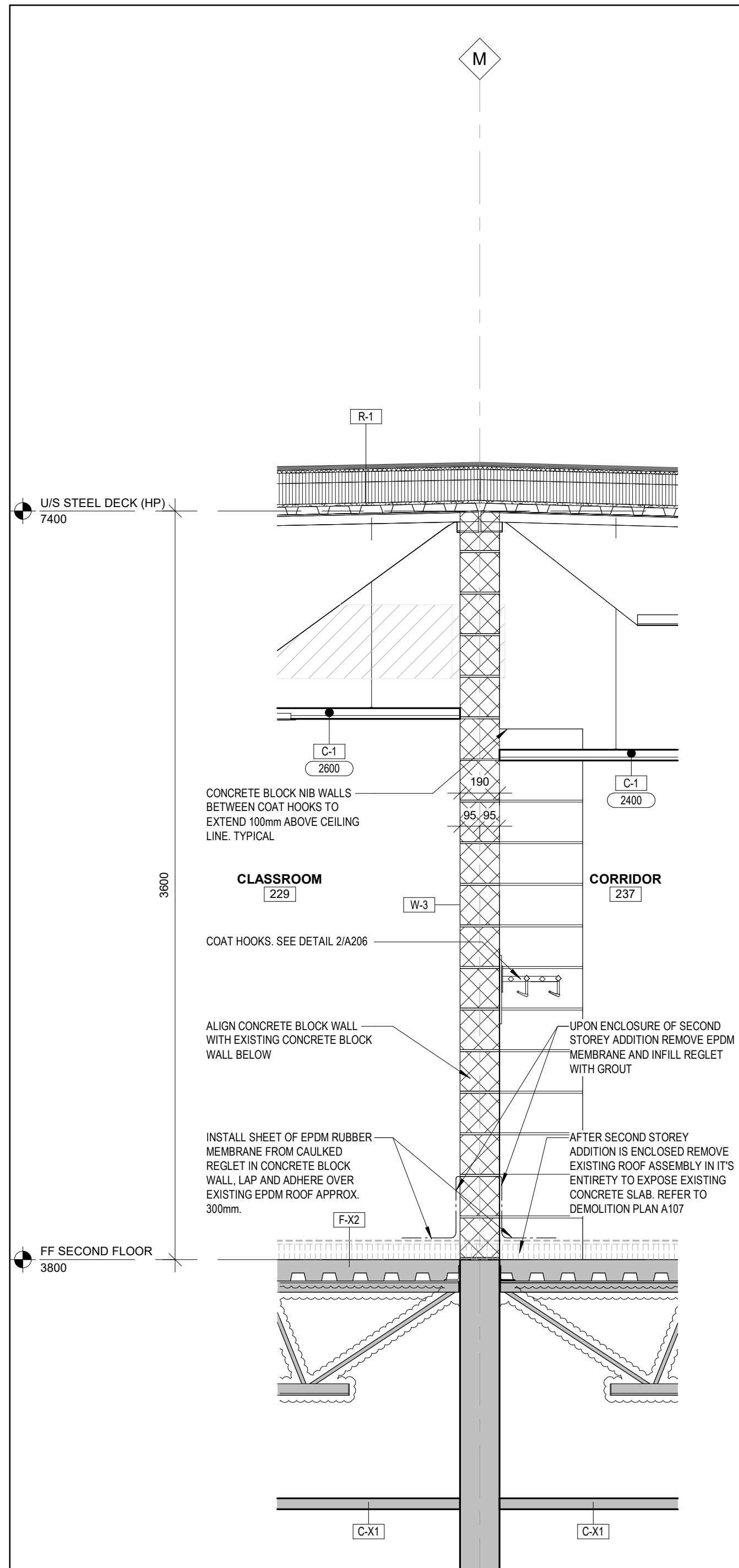
5 SECTION DETAIL
A501 Scale: 1 : 10



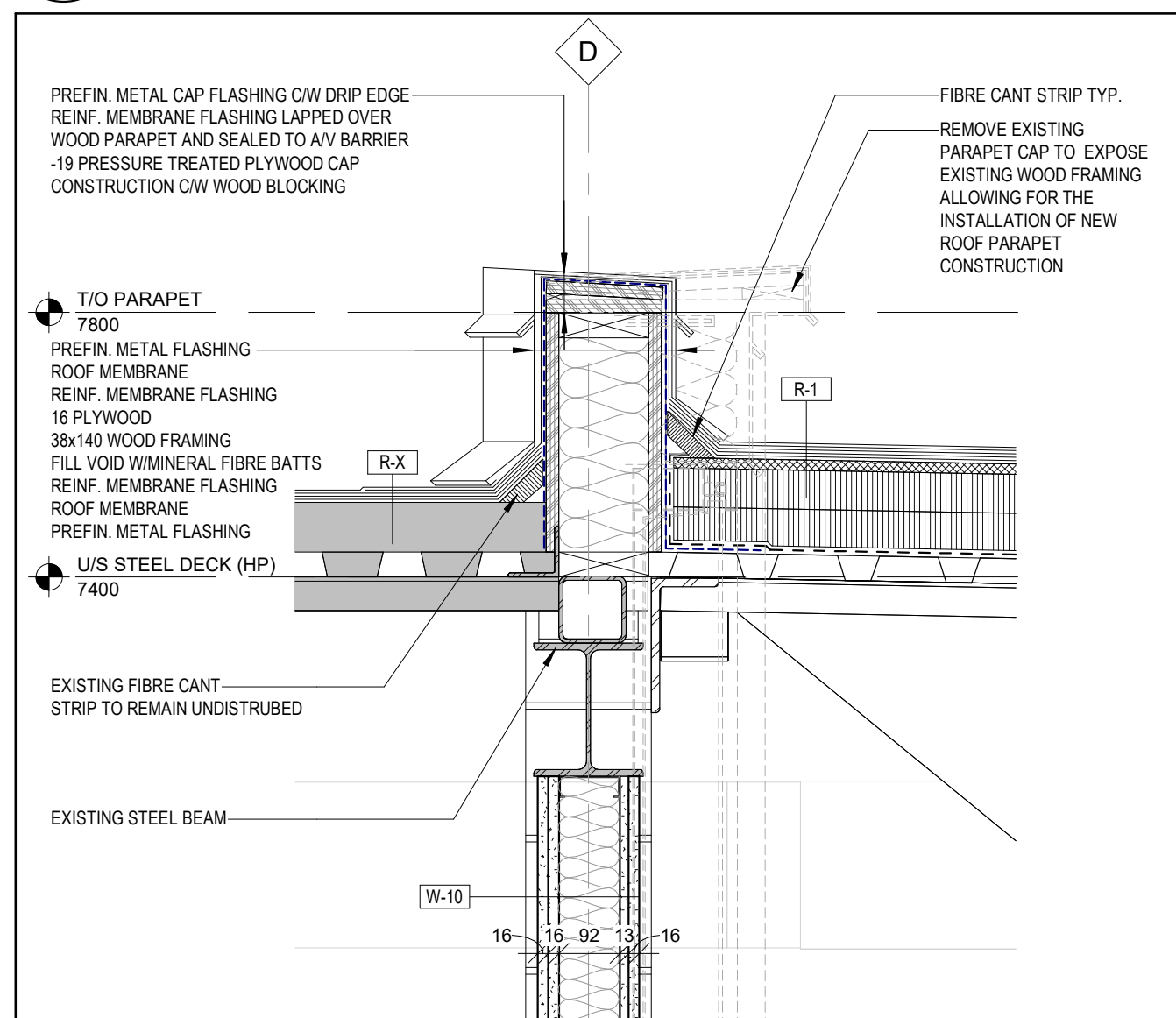
2 WALL SECTION
A501 Scale: 1 : 20



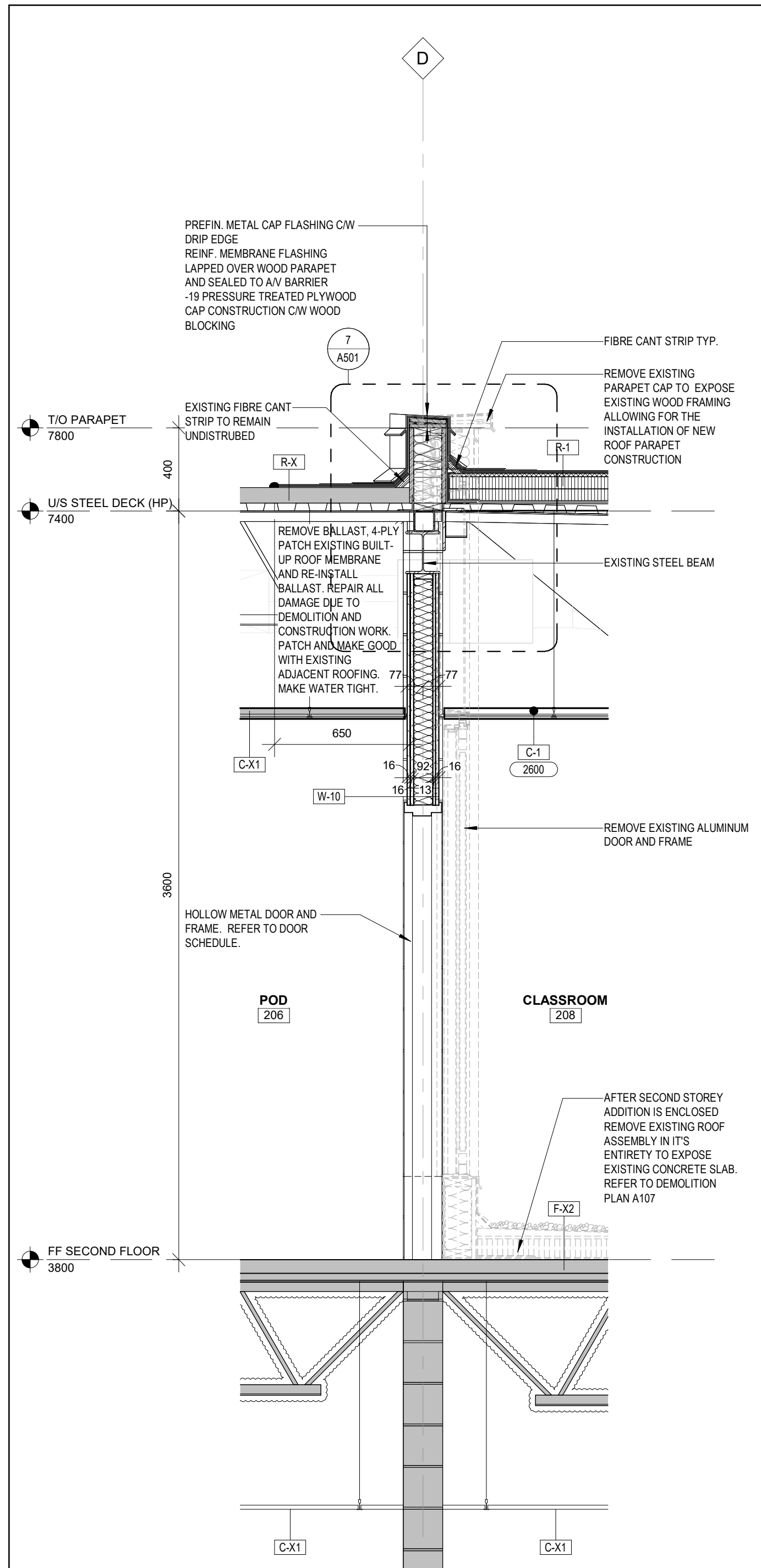
6 SECTION DETAIL
A501 Scale: 1 : 10



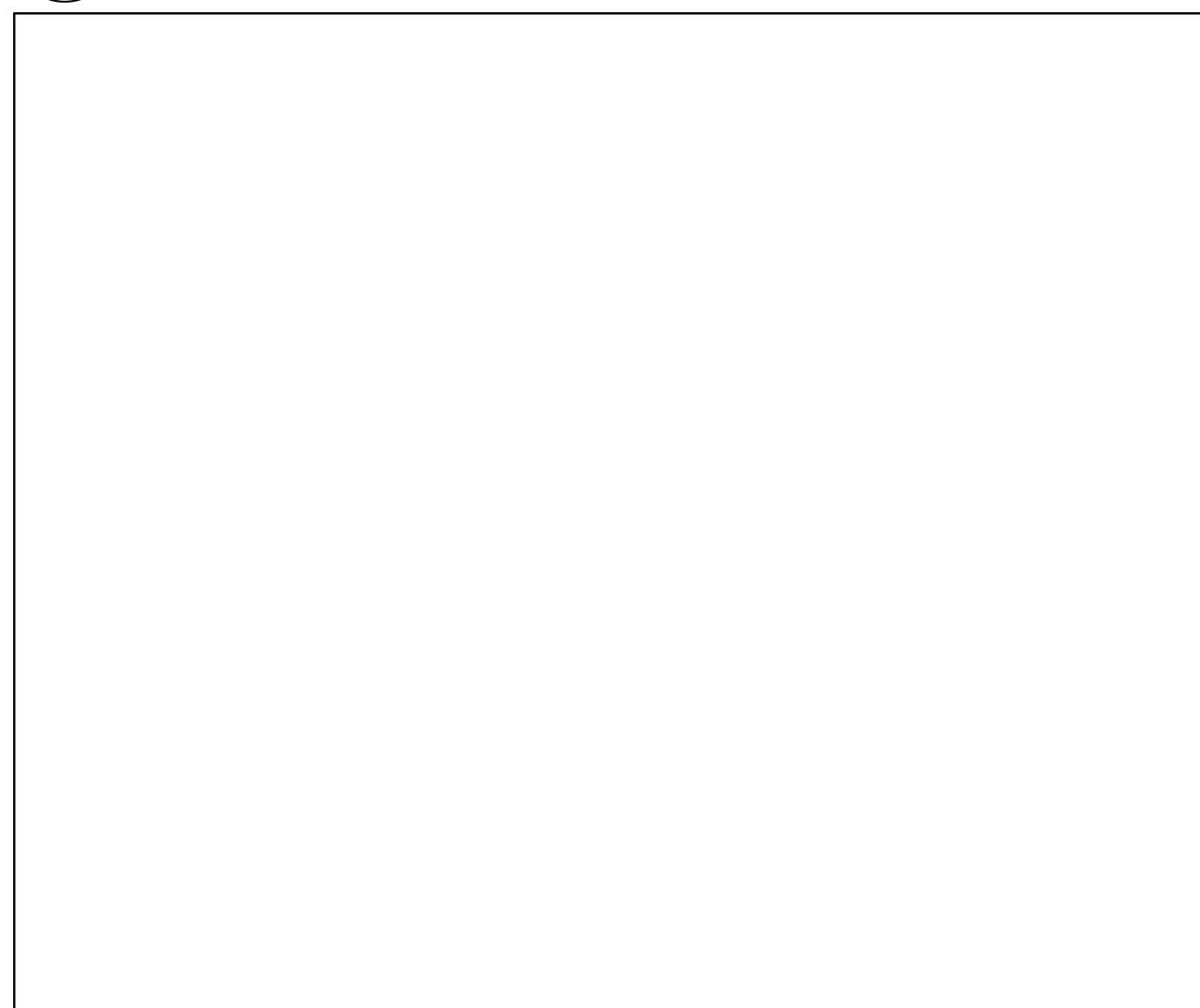
3 WALL SECTION
A501 Scale: 1 : 20



7 SECTION DETAIL
A501 Scale: 1 : 10



4 WALL SECTION
A501 Scale: 1 : 20



RESERVED



KEYPLAN

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CUSTOMER

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

WALL SECTIONS AND SECTION DETAILS

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL

ONTARIO ASSOCIATION OF ARCHITECTS

MARIA JOSE MELO

LICENCE 9327

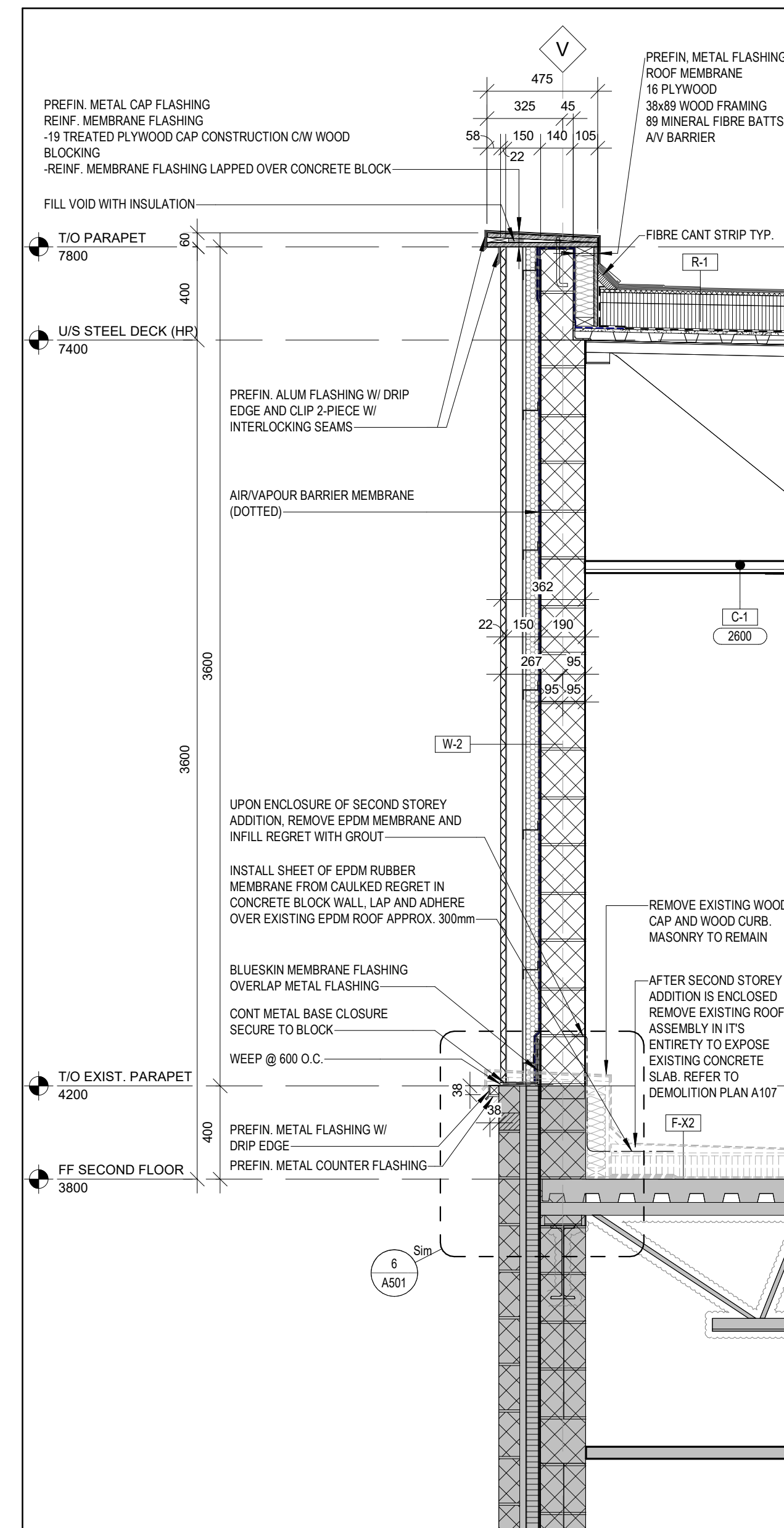
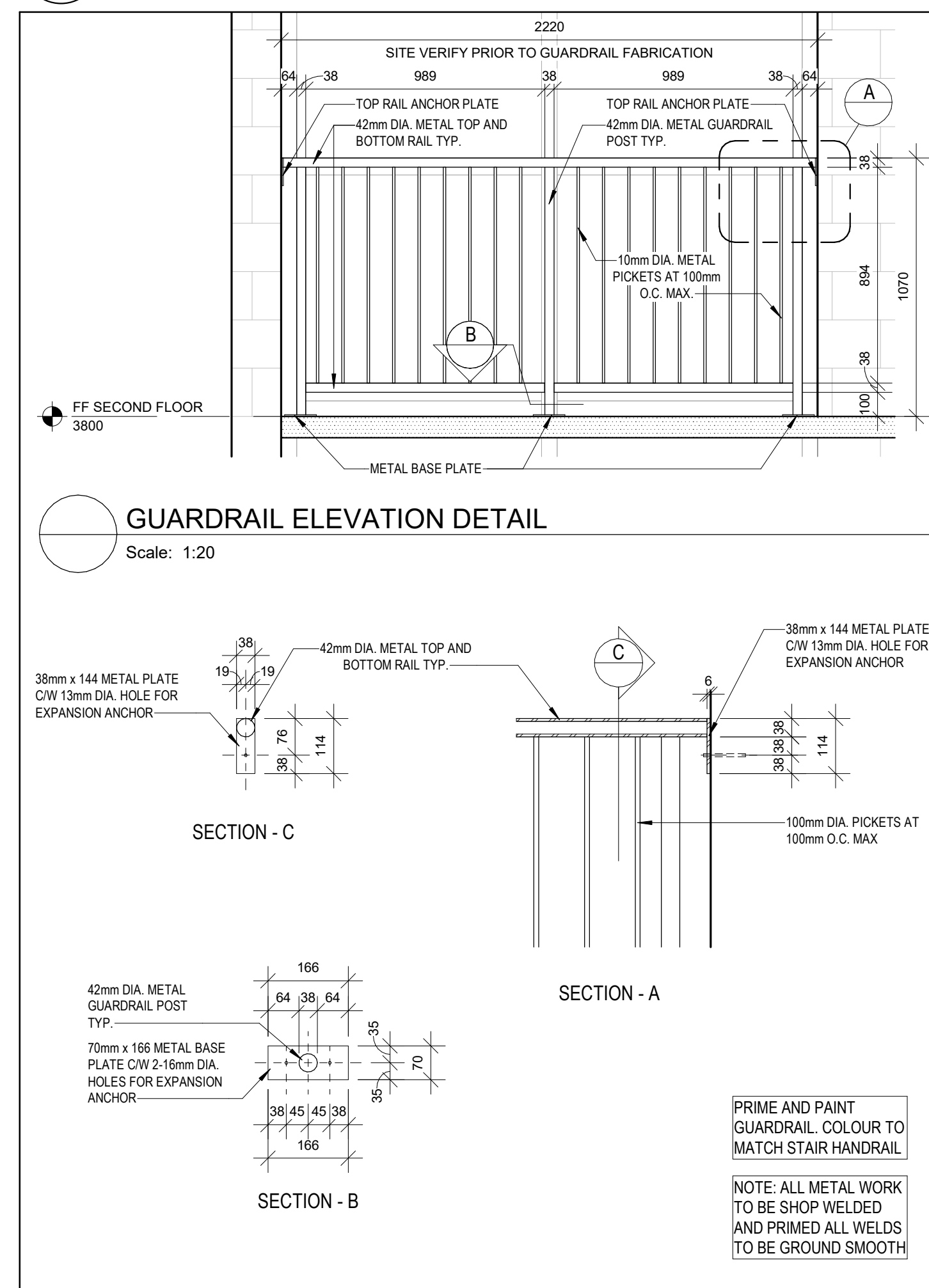
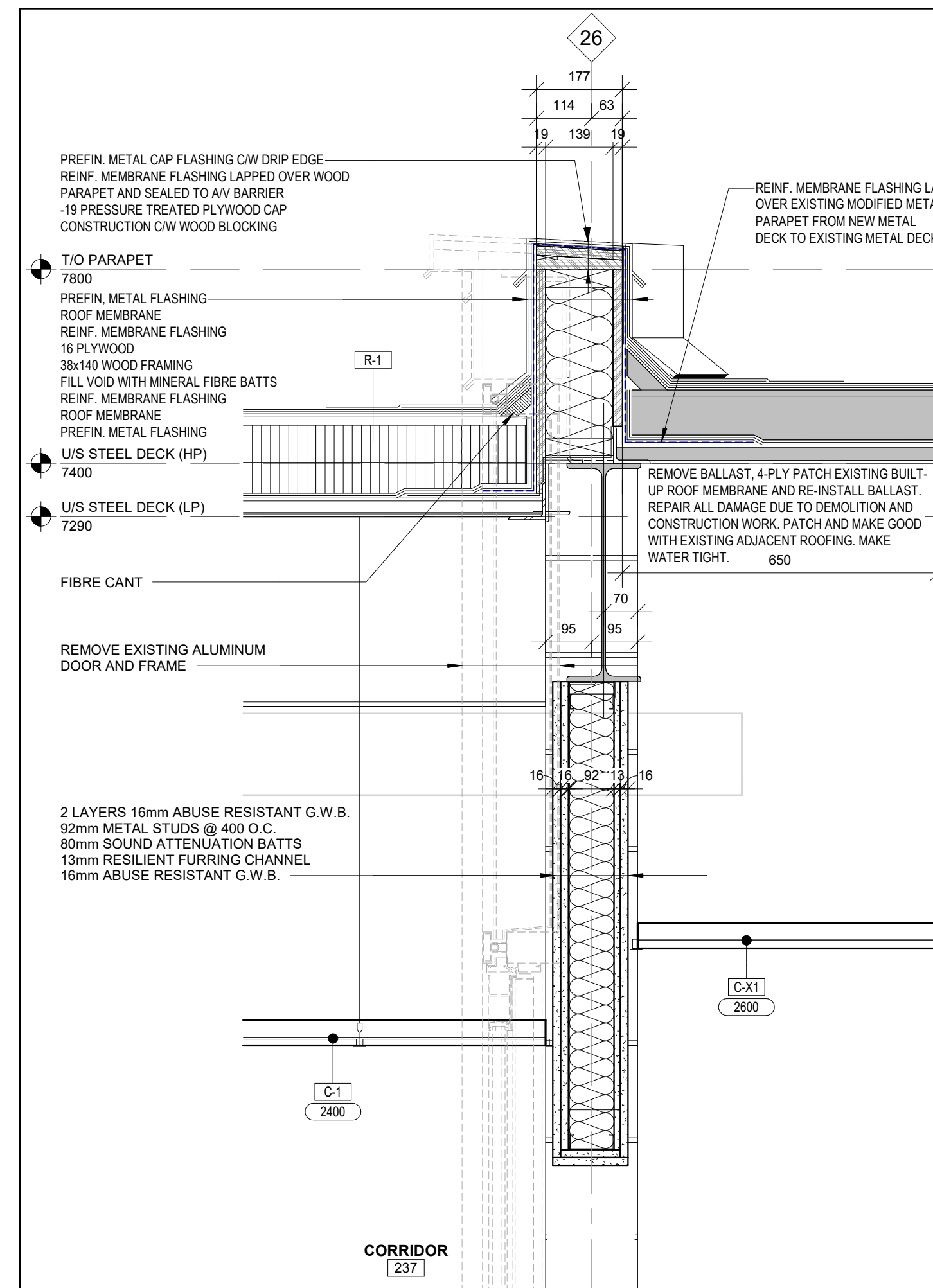
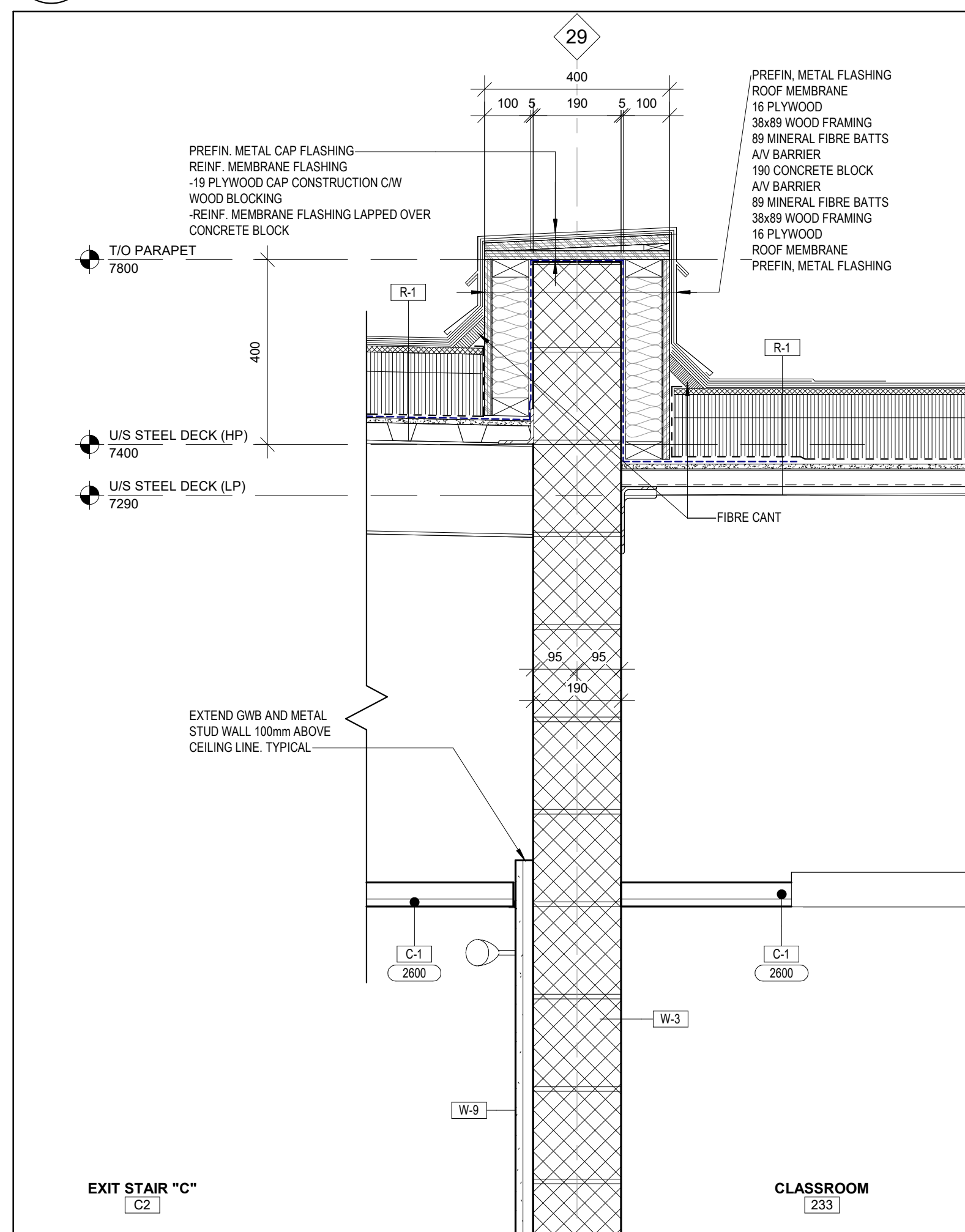
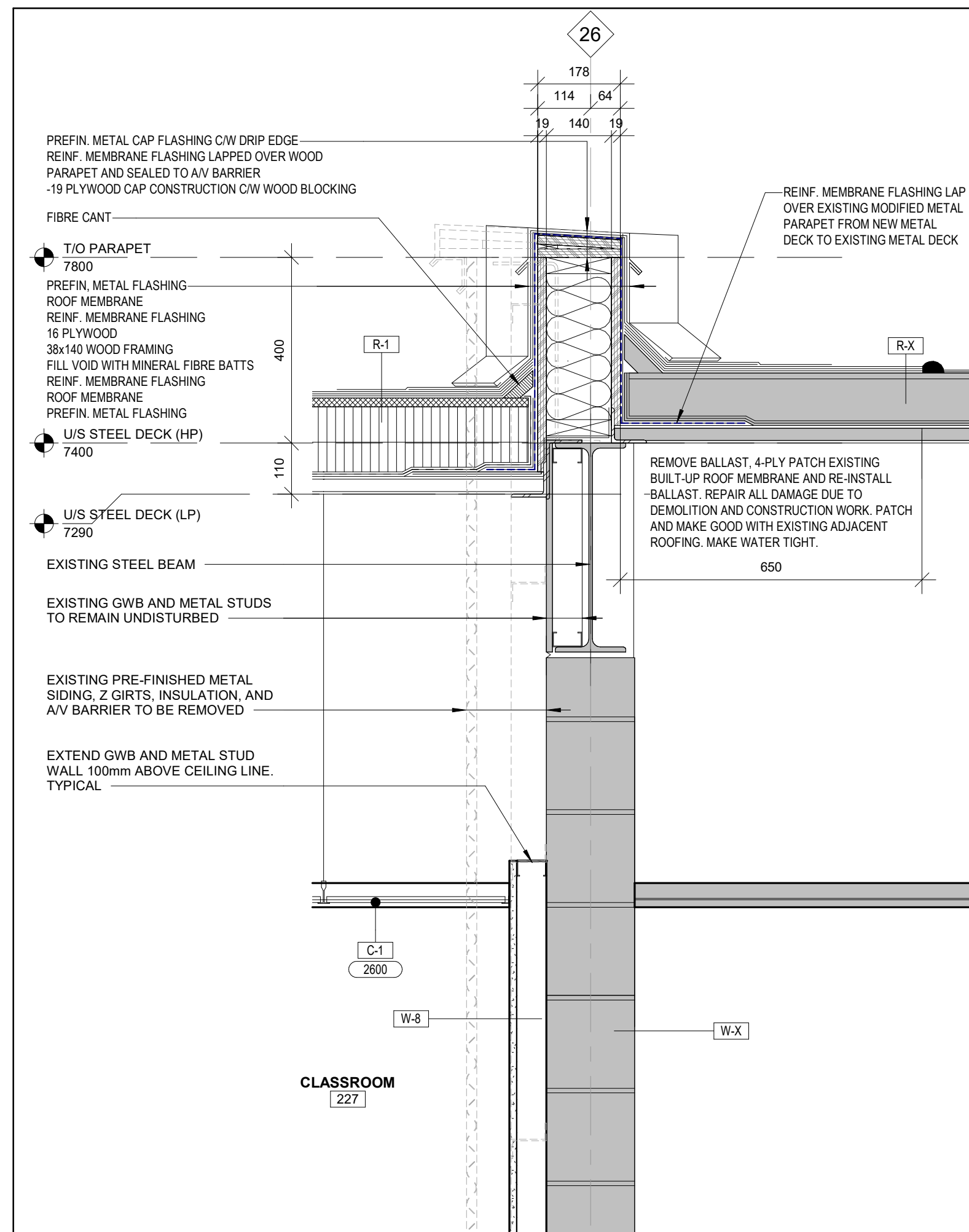
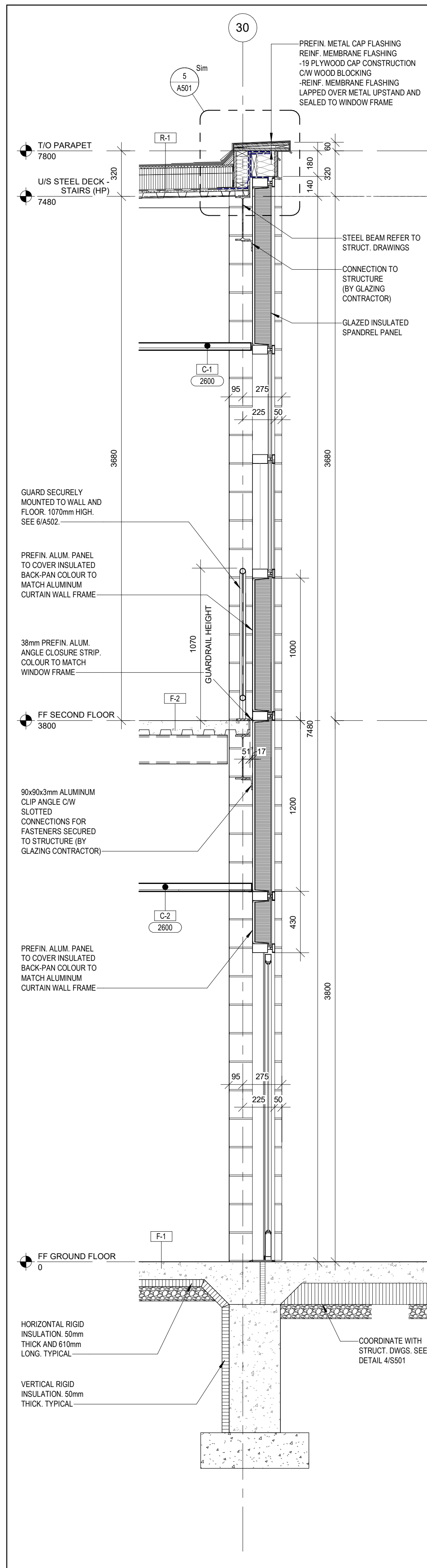
2023-0753-10

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SCALE :	As Indicated	SHEET NO :
DATE :	2025-05-09	
PROJECT NO :	2023-0753-10	
DRAWN BY :	EA	
CHECKED BY :	MM/SG	

A501



5 WALL SECTION
A502 Scale: 1 : 20

RESERVED



KEYPLAN

No.	ISSUANCE	DATE
1	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
2	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

WALL SECTIONS AND SECTION DETAILS

WALTERFEDY

TORONTO | CALGARY | **KITCHENER** | HAMILTON

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SCALE :	As indicated	SHEET NO : <div style="font-size: 48pt; font-weight: bold; text-align: center;">A502</div>
DATE :	2025-05-09	
PROJECT NO :	2023-0753-10	
DRAWN BY :	EA	
CHECKED BY :	MM/SG	



No.	ISSUANCE	DATE
1	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

WALL SECTION, SECTION DETAILS AND PLAN DETAILS

WALTERFEDY

TORONTO | CALGARY | **KITCHENER** | HAMILTON

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SEAL



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SCALE : As indicated

SHEET NO

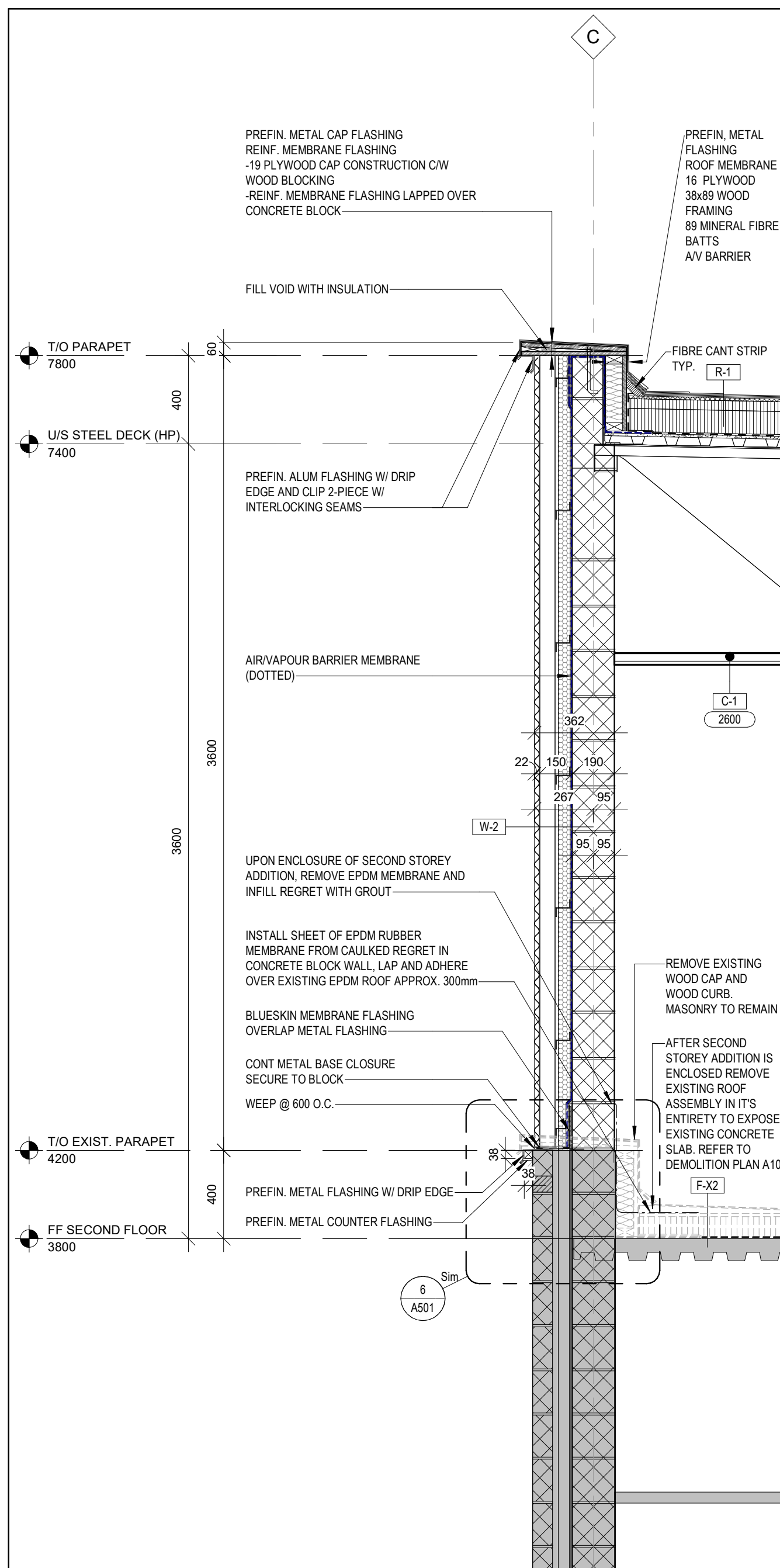
DATE: 2005 05 22

DATE: 2025-05-09

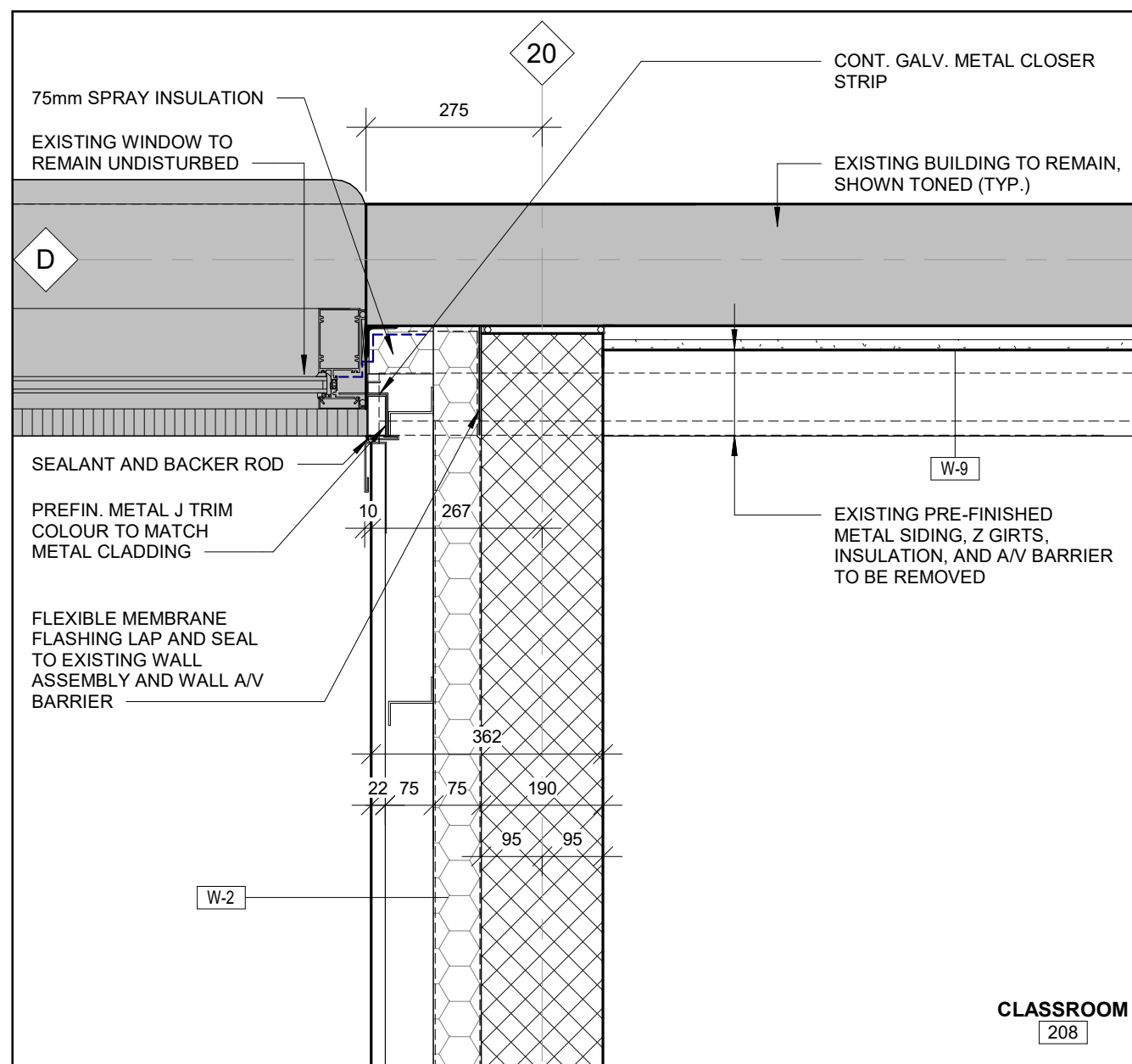
PROJECT NO : 2023-0753-

DRAWN BY: EA

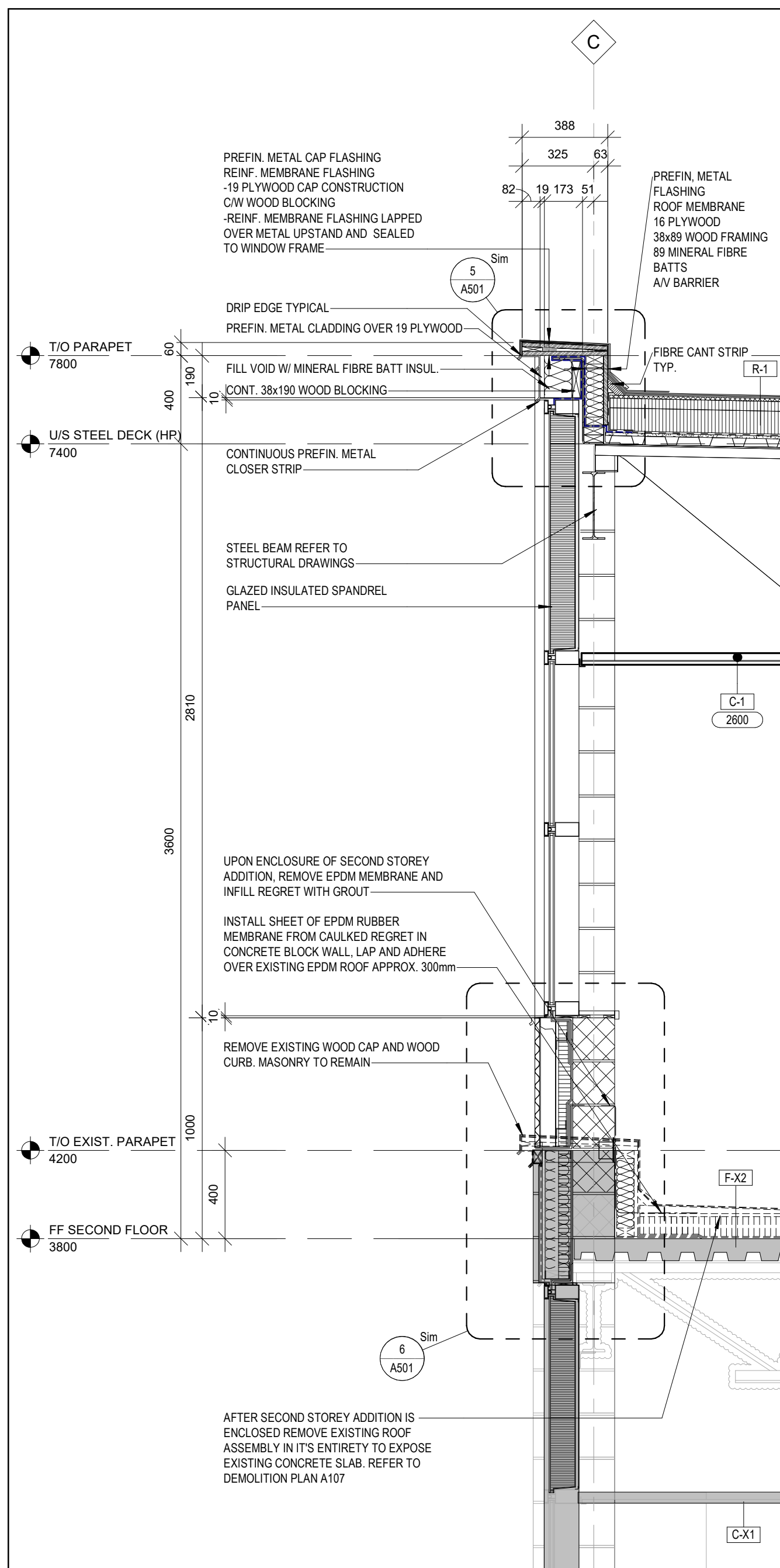
A503



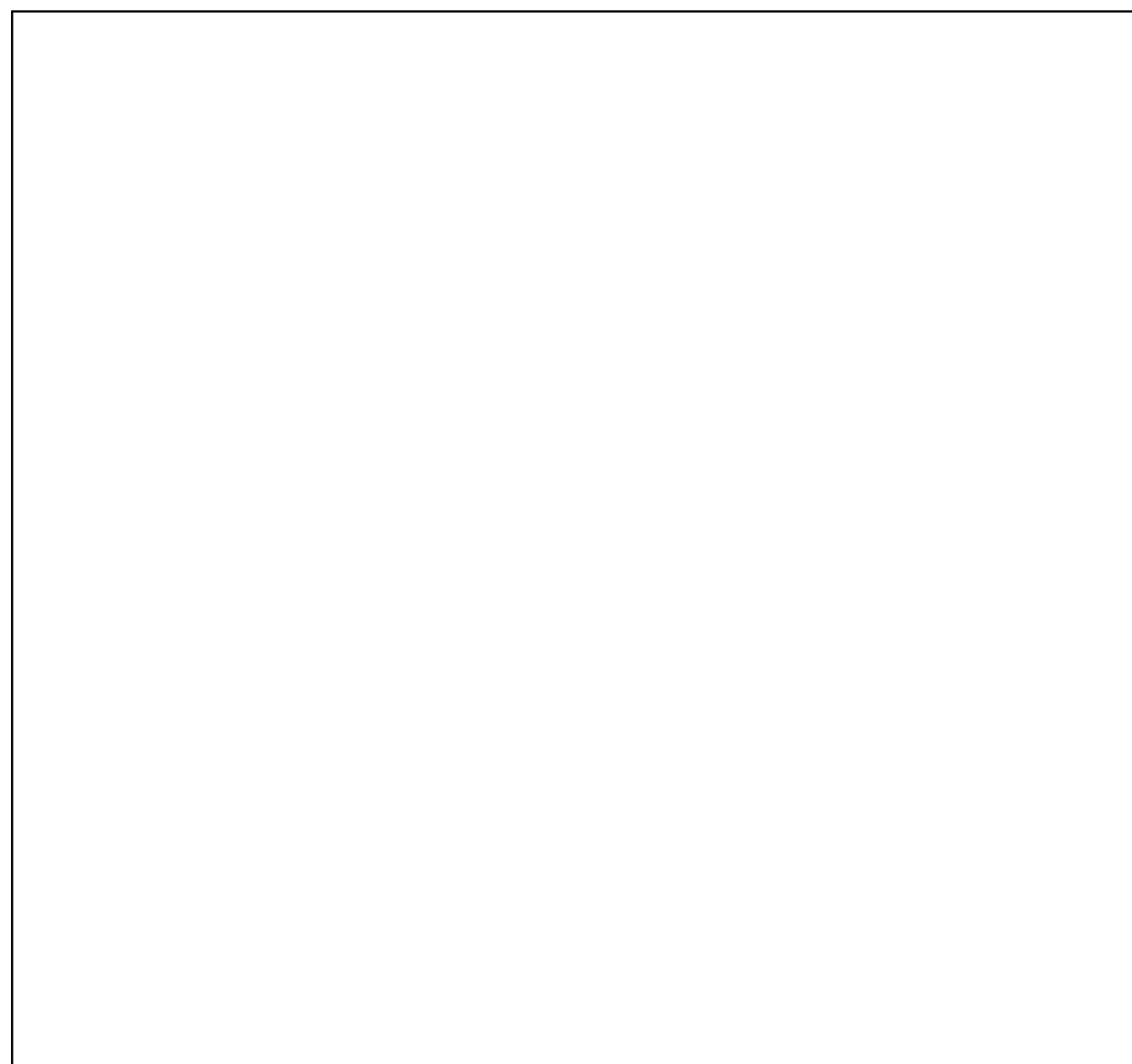
1 WALL SECTION
A503 Scale: 1 : 20



2 PLAN DETAIL
A503 Scale: 1 : 10

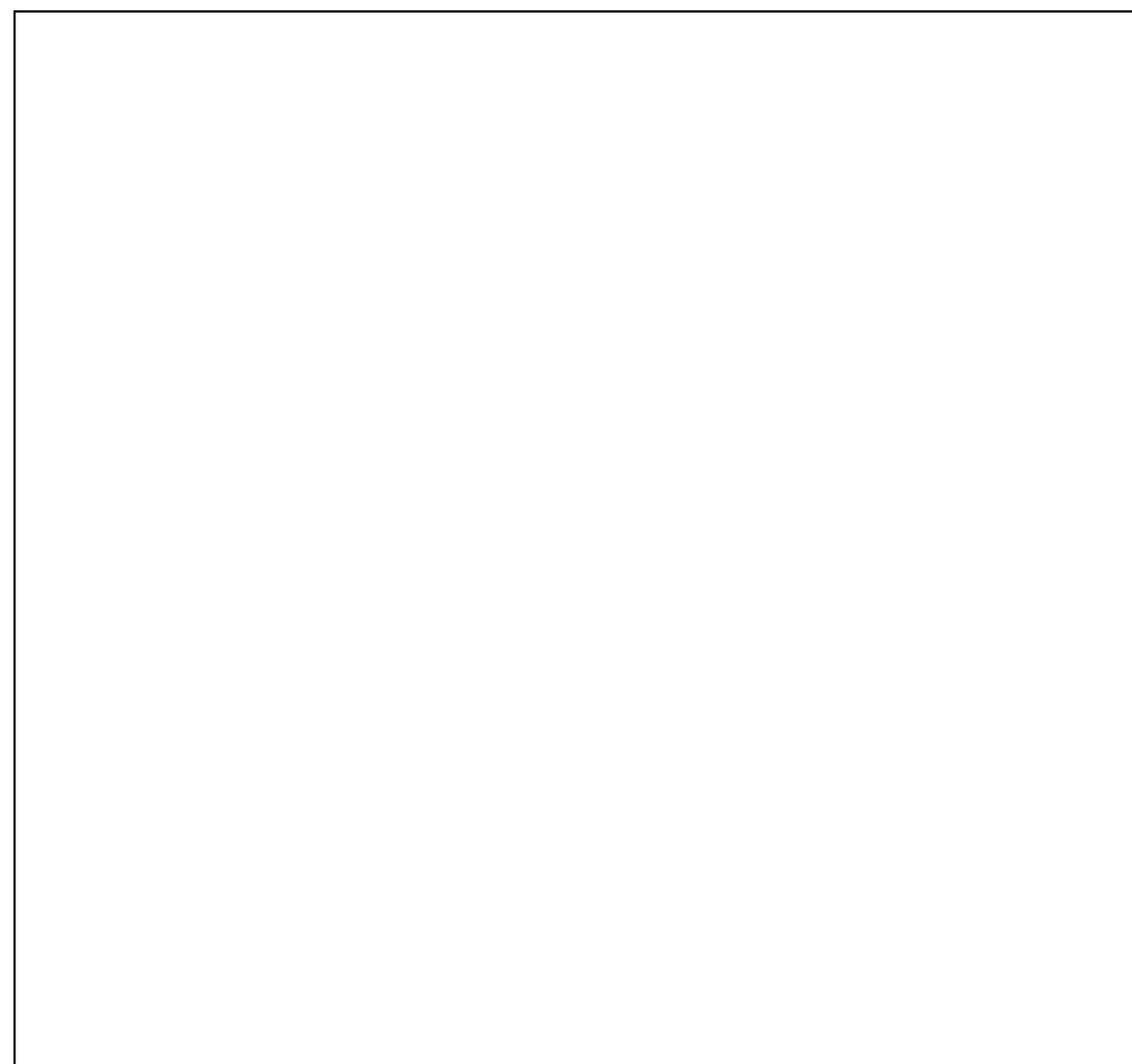


3 WALL SECTION
A503 Scale: 1 : 20

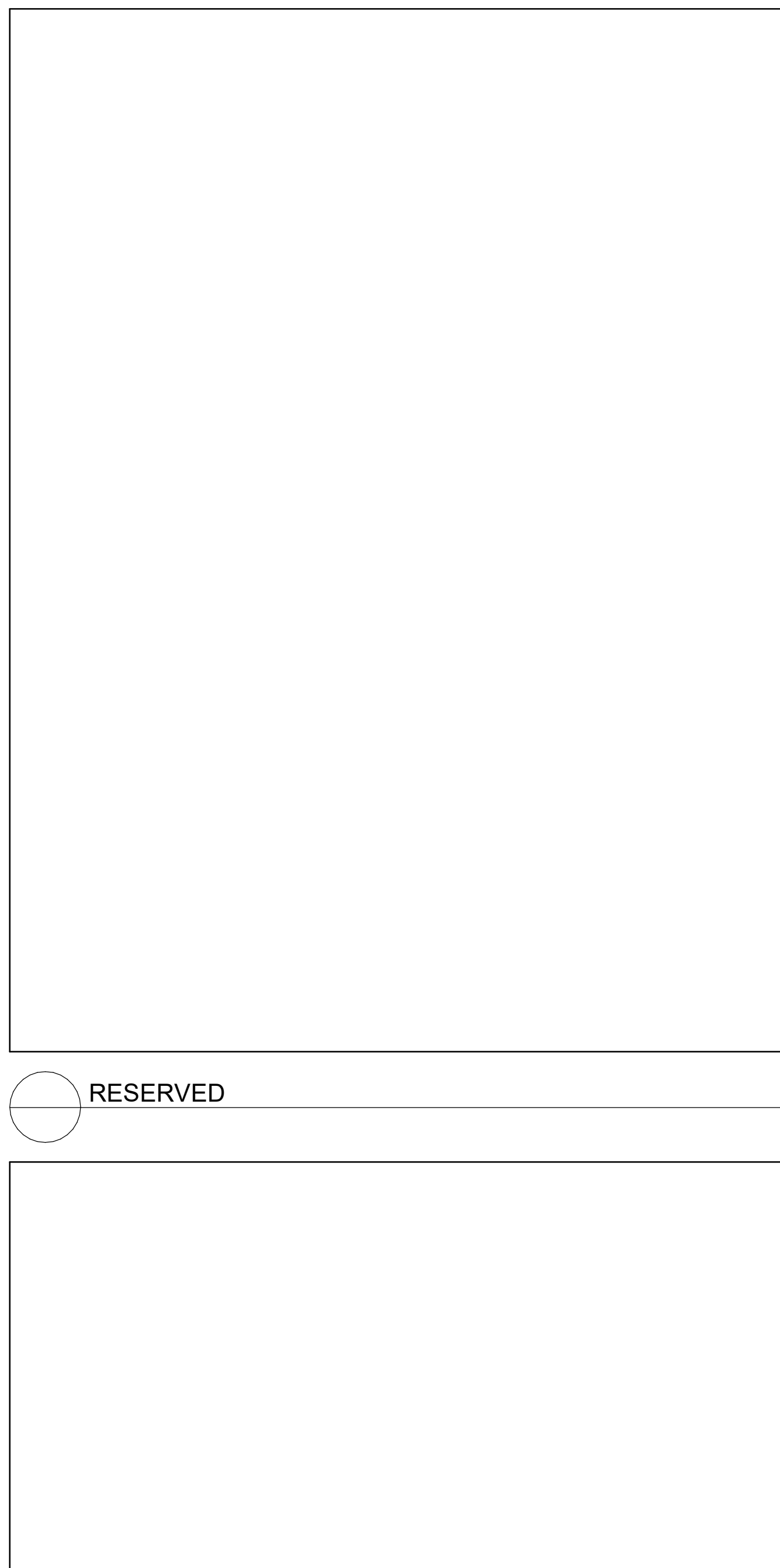


RESERVED

RESERVED

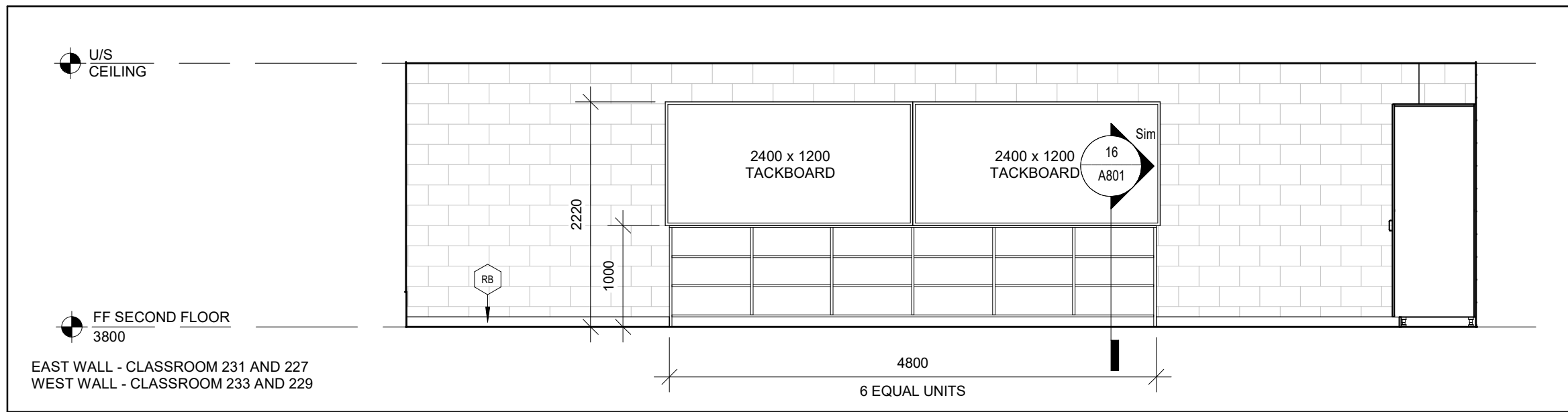


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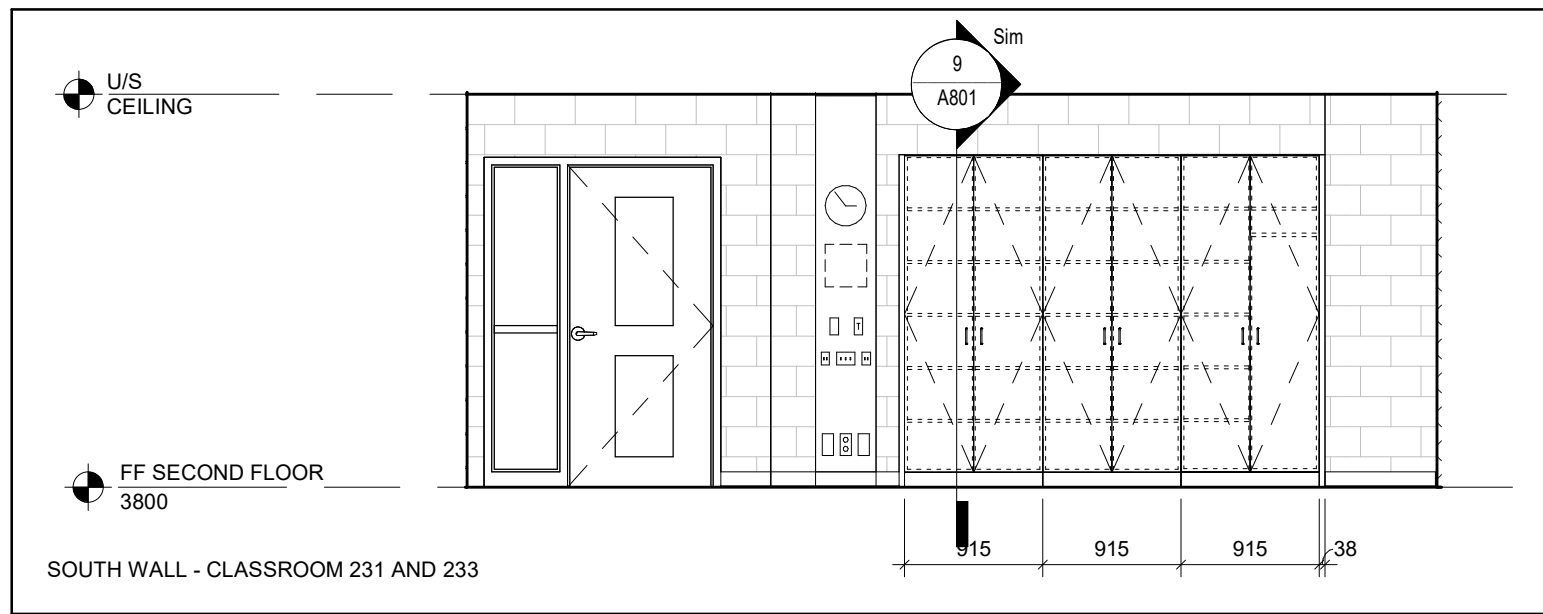


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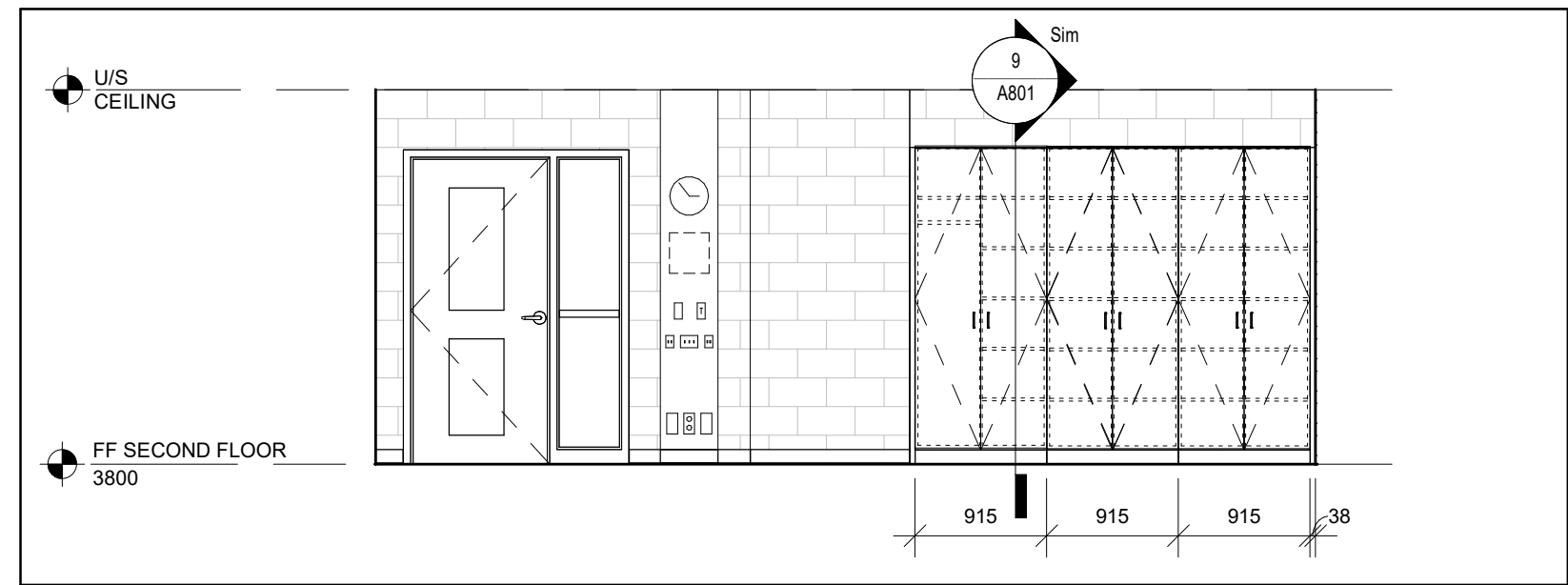




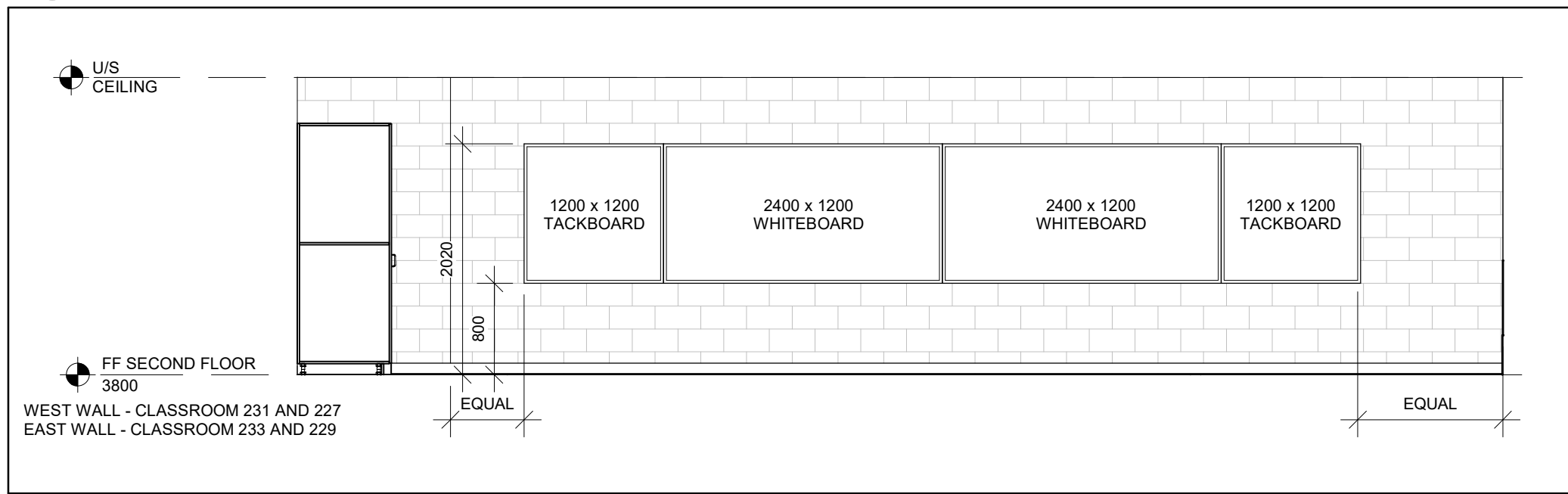
1 INTERIOR ELEVATION - CLASSROOMS 227, 229, 231 AND 233
A801 Scale: 1 : 50



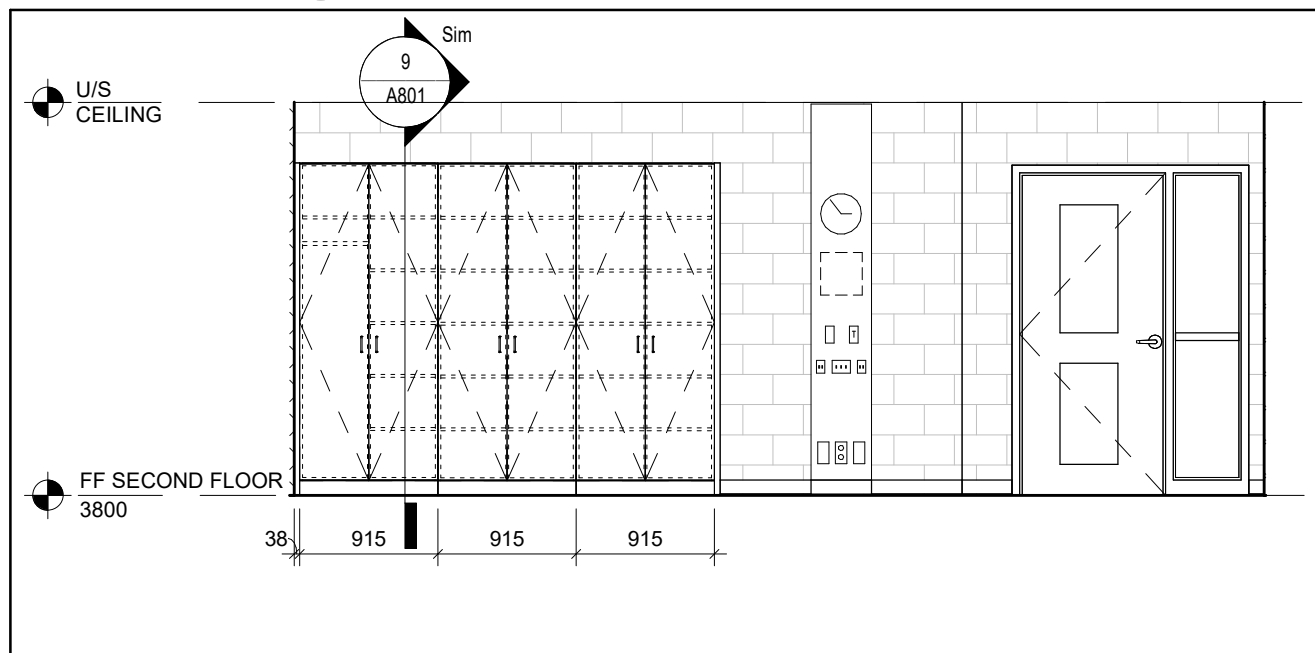
2 INTERIOR ELEV. - CLASSROOMS 231, MIRRORED CLASSROOM 233
A801 Scale: 1 : 50



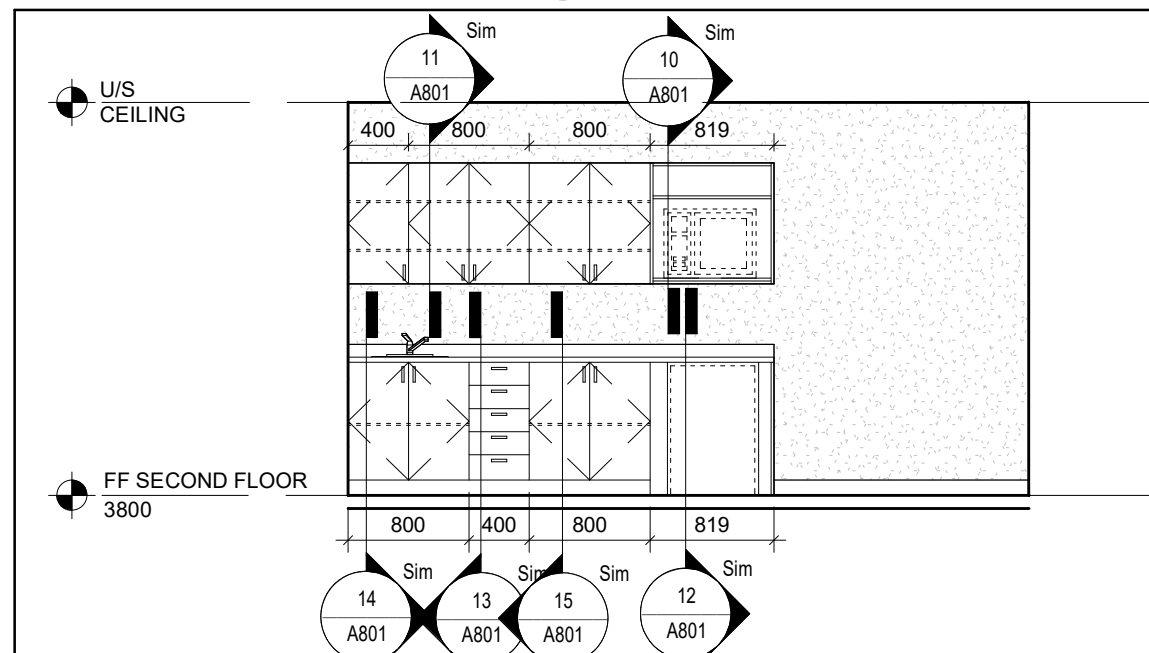
3 INTERIOR ELEVATION - SOUTH WALL - CLASSROOM 227
A801 Scale: 1 : 50



4 INTERIOR ELEVATION - CLASSROOMS 227, 229, 231 AND 233
A801 Scale: 1 : 50

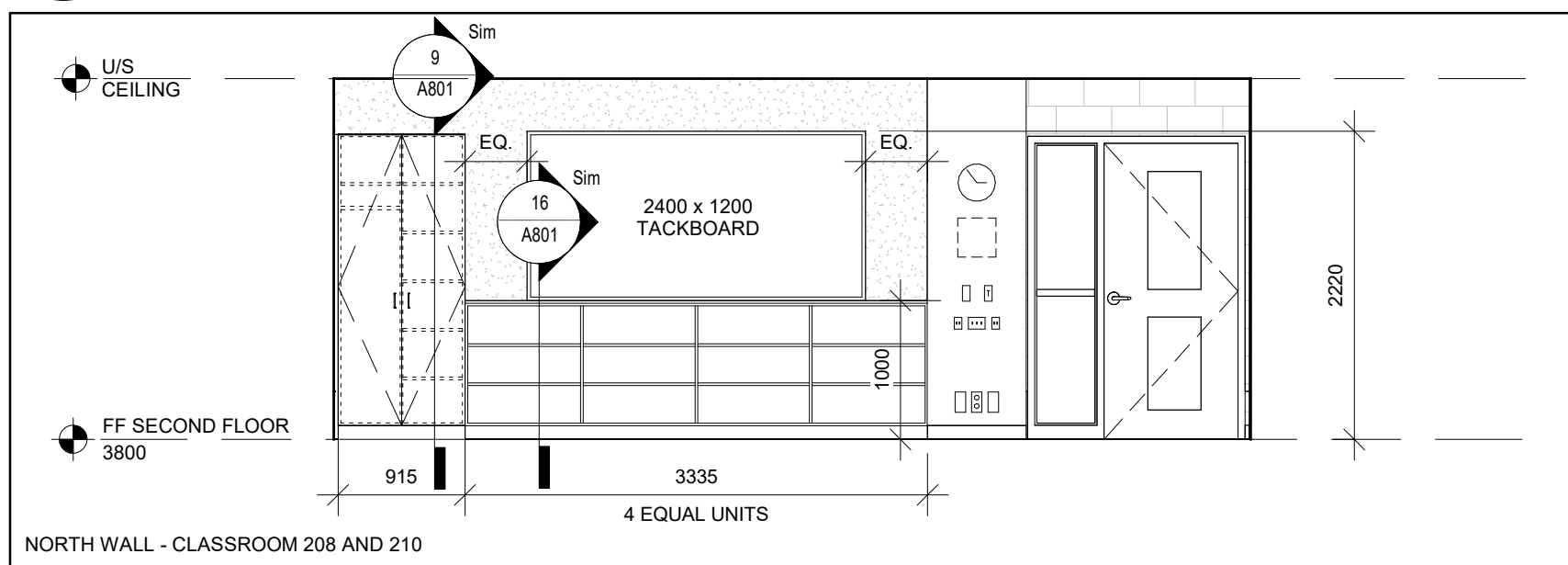


5 INTERIOR ELEVATION - SOUTH WALL - CLASSROOM 229
A801 Scale: 1 : 50

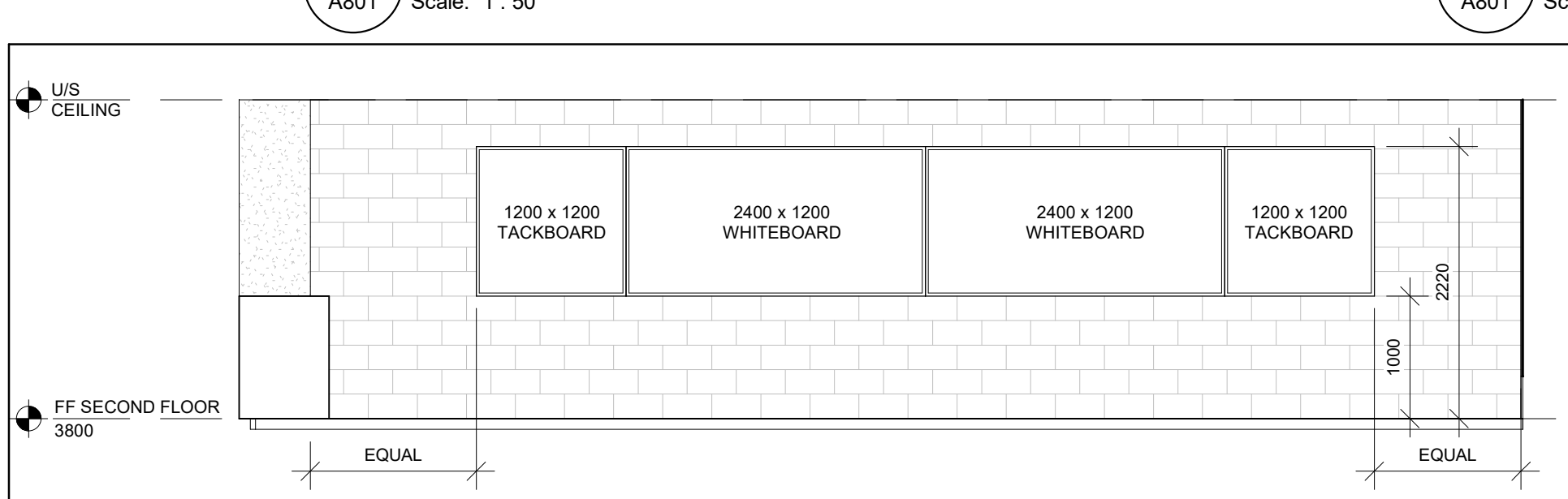


6 INTERIOR ELEV. - EAST WALL - ROOM 288
A801 Scale: 1 : 50

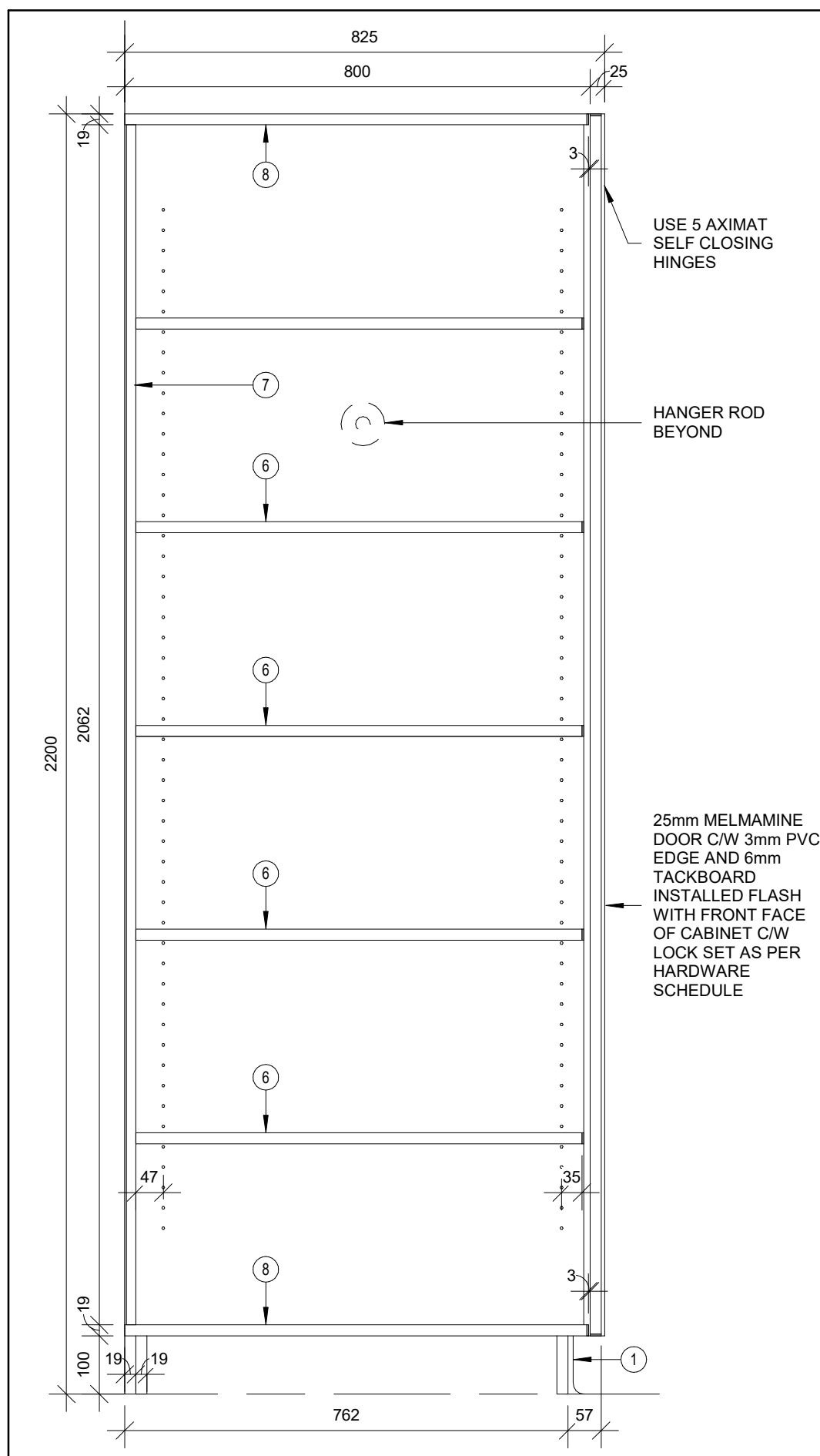
- MILLWORK DRAWING NOTES:**
- 100mm HIGH RUBBER BASE TOE KICK ON 19 VENEER CORE PLYWOOD
 - 19mm MELAMINE PANEL DRAWER FRONT c/w 3mm PVC EDGES. REFER TO SPEC FOR DRAWER SLIDERS AND DRAWER CONSTRUCTION
 - POST FORMED PLASTIC LAMINATE COUNTERTOP C/W 76 HIGH BACKSLASH ON STOCK
 - STAINLESS STEEL SINGLE SINK
 - 19mm MELAMINE COUNTERTOP C/W 3mm PVC ON ALL EXPOSED EDGES AND BETWEEN BUTT JOINT EDGES
 - 19mm MELAMINE ADJUSTABLE SHELF WITH 3mm PVC EDGES
 - 16mm MELAMINE BACK c/w 3mm PVC EDGE WHERE EXPOSED
 - 19mm MELAMINE TOP, BOTTOM c/w 3mm PVC EDGE
 - 19mm MELAMINE FIXED SHELF c/w 3mm PVC EDGE
 - 19mm MELAMINE DOOR c/w 3mm PVC EDGE ON ALL EXPOSED EDGES
 - 19mm MELAMINE PANEL c/w 3mm PVC EDGE ON ALL EXPOSED EDGES



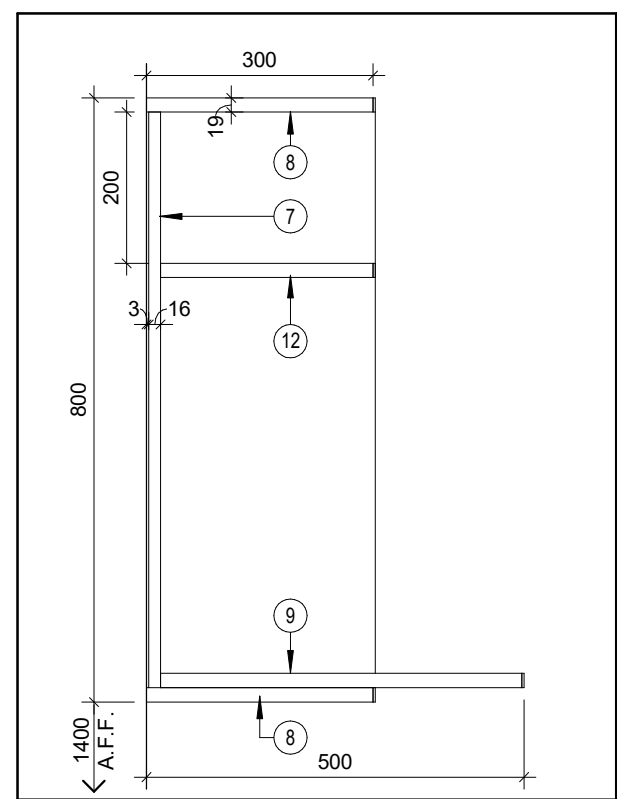
7 INTERIOR ELEVATION - CLASSROOMS 208 AND MIRRORED 210
A801 Scale: 1 : 50



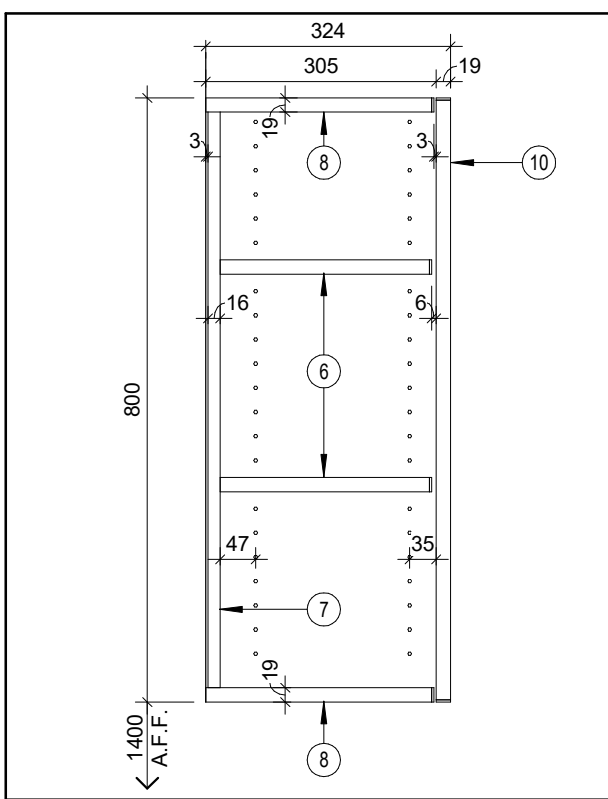
8 INTERIOR ELEVATION - EAST WALL - CLASSROOMS 208 AND MIRRORED 210
A801 Scale: 1 : 50



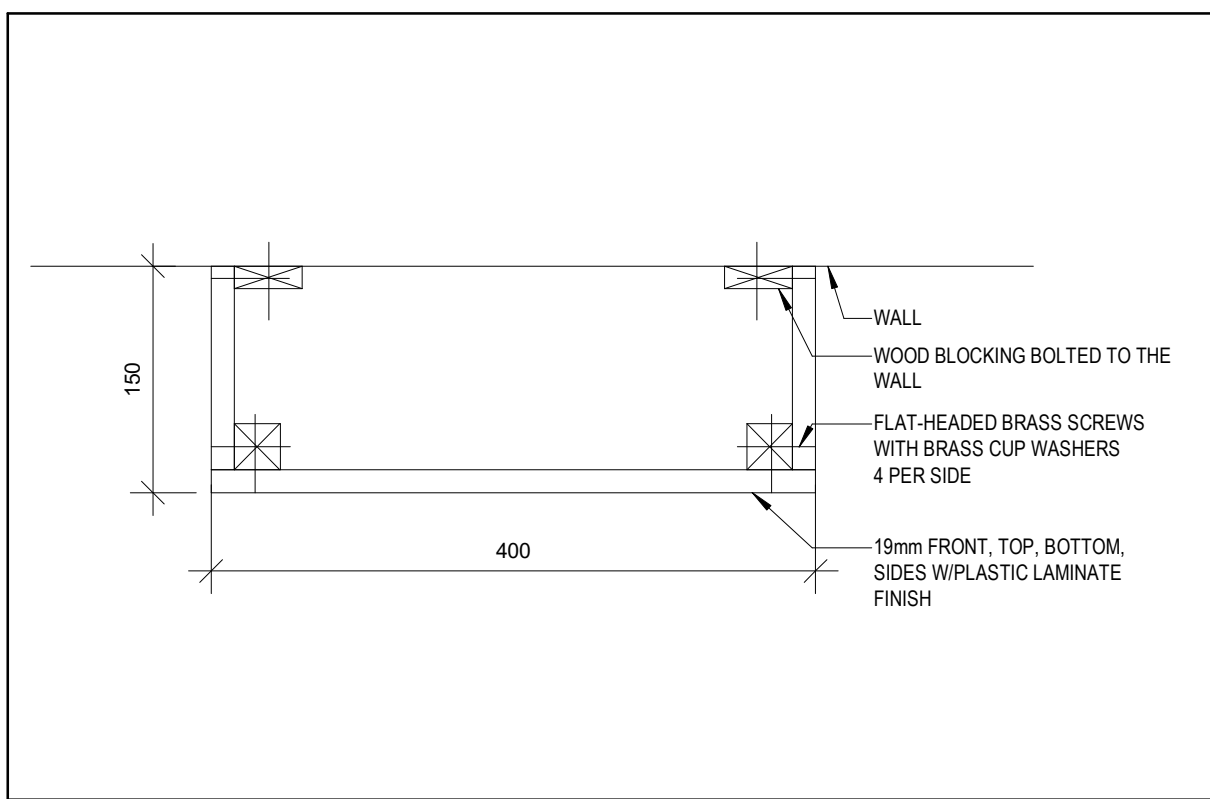
9 MILLWORK SECTION
A801 Scale: 1 : 10



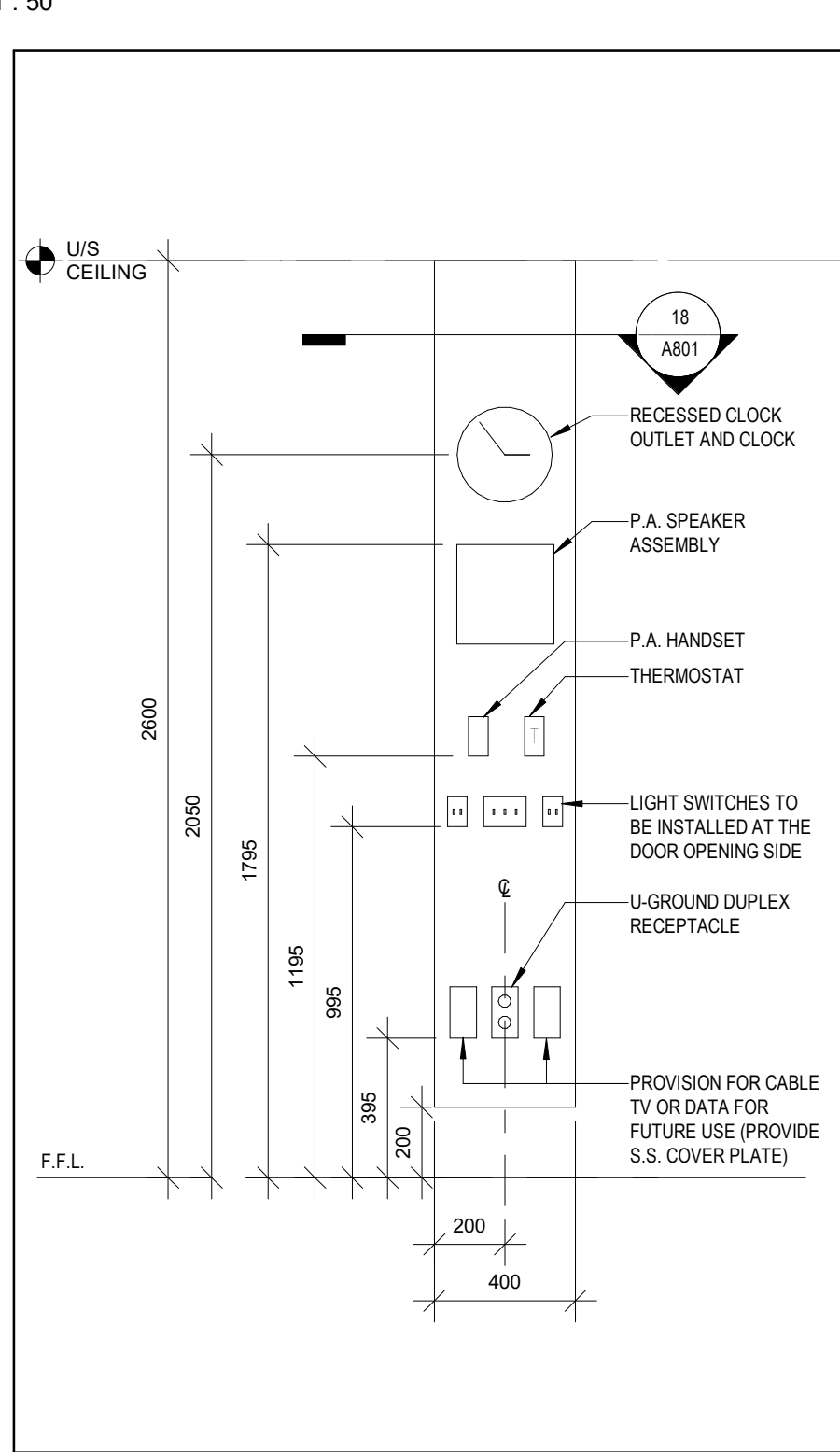
10 MILLWORK SECTION
A801 Scale: 1 : 10



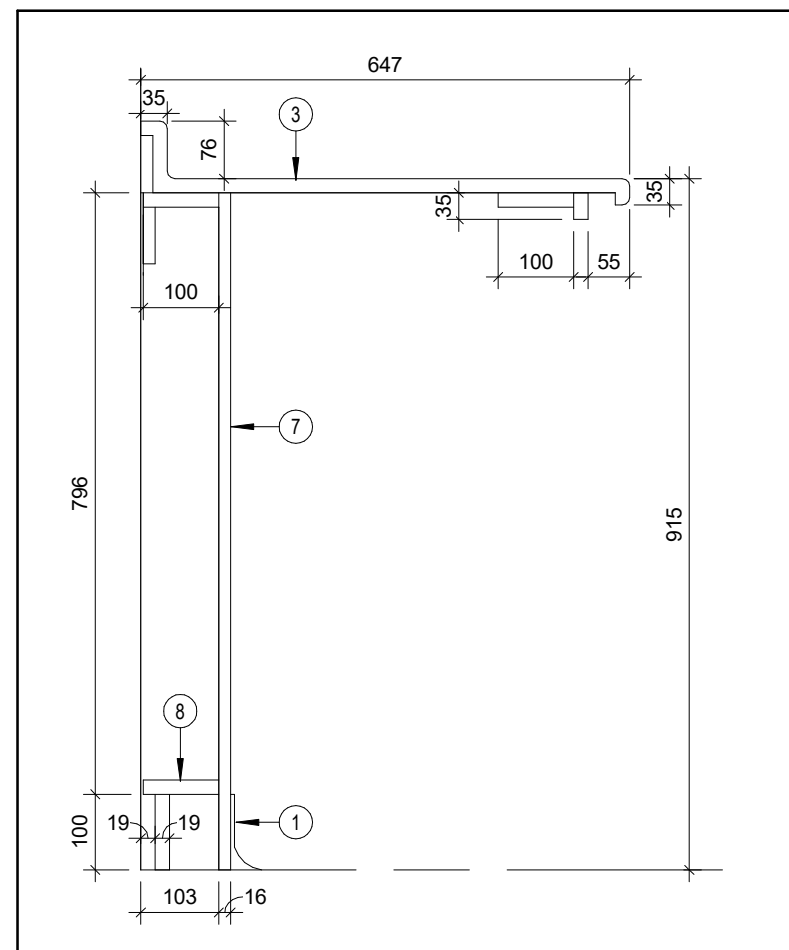
11 MILLWORK SECTION
A801 Scale: 1 : 10



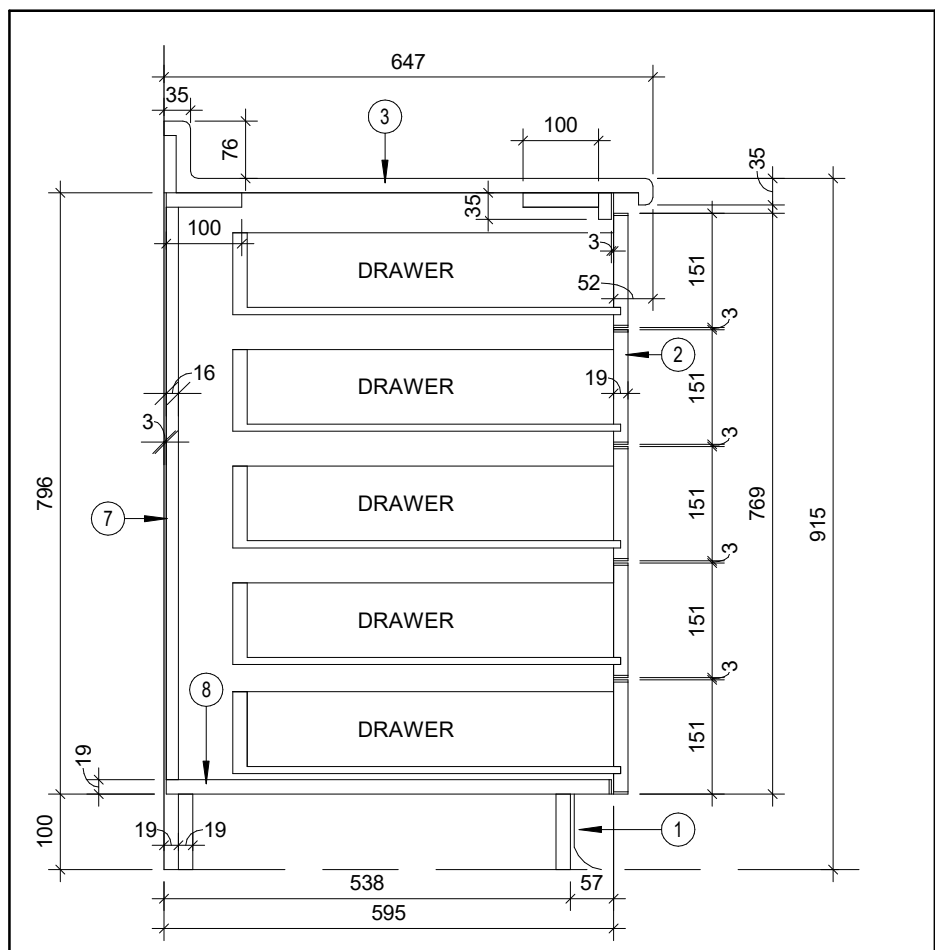
18 CONTROL PANEL - SECTION
A801 Scale: 1 : 5



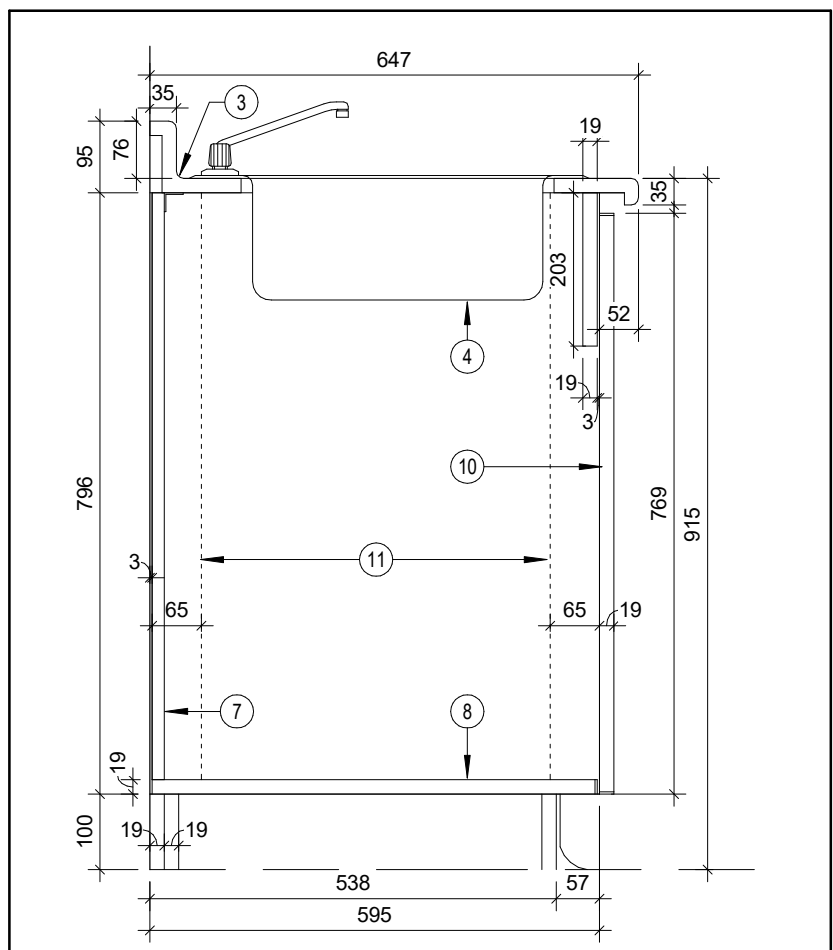
17 CONTROL PANEL - ELEVATION
A801 Scale: 1 : 20



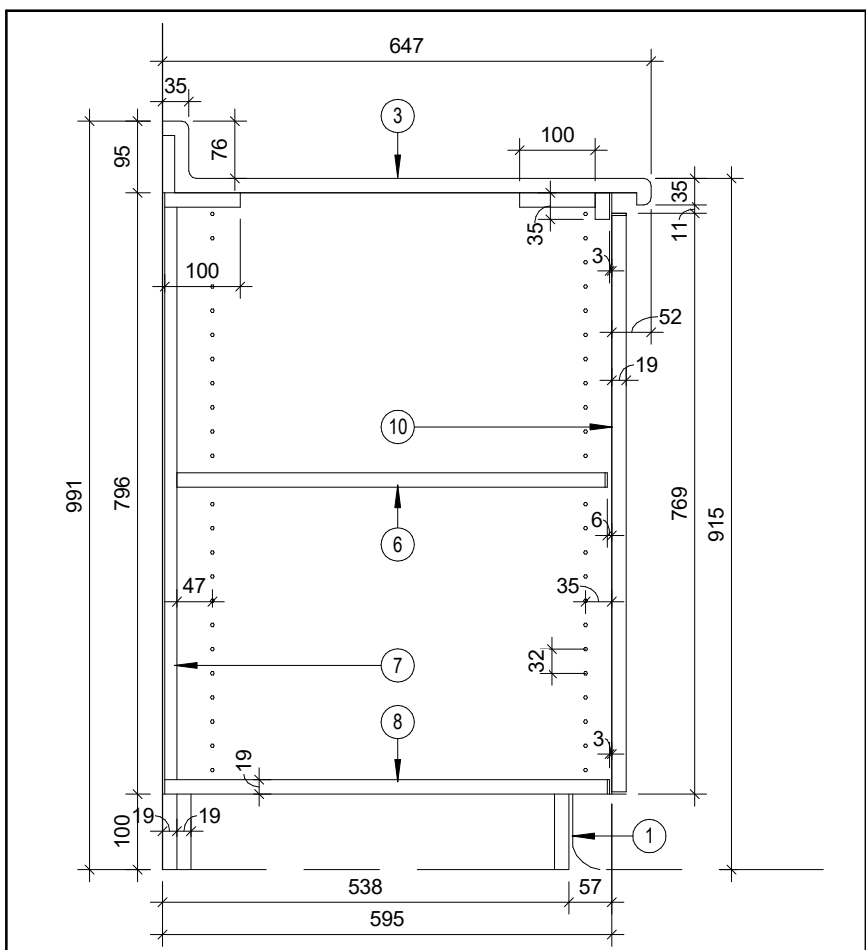
12 MILLWORK SECTION
A801 Scale: 1 : 10



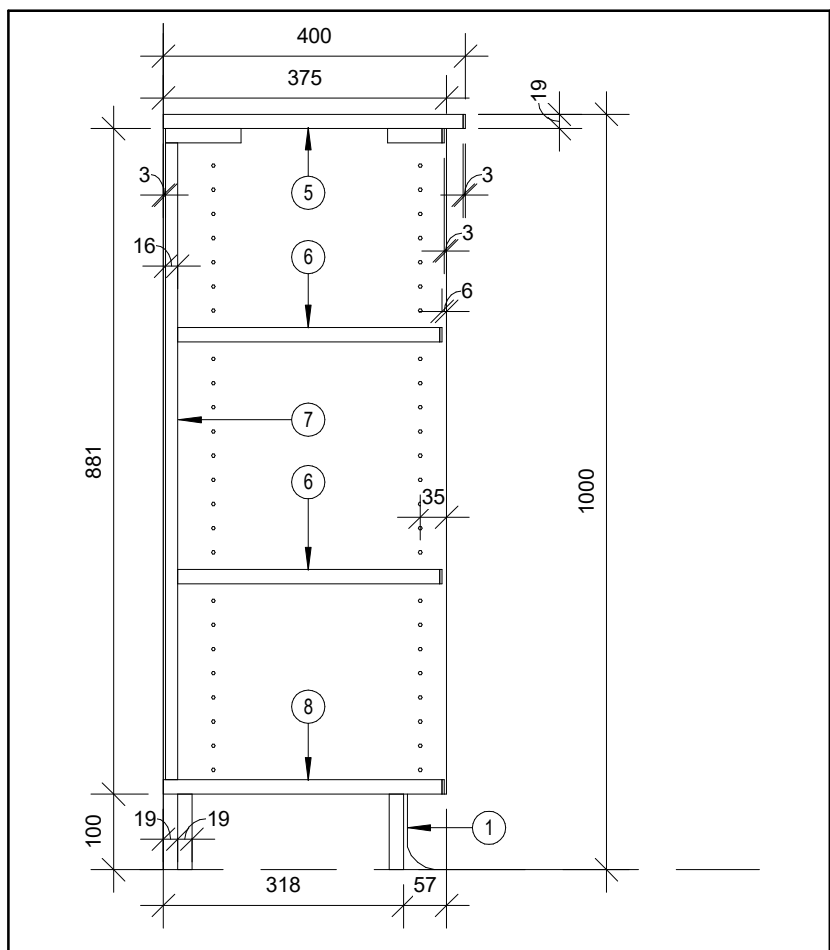
13 MILLWORK SECTION
A801 Scale: 1 : 10




14 MILLWORK SECTION
A801 Scale: 1 : 10



15 MILLWORK SECTION
A801 Scale: 1 : 10



16 MILLWORK SECTION
A801 Scale: 1 : 10



KEYPLAN

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CUSTOMER

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

INTERIOR ELEVATIONS AND MILLWORK SECTIONS

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL



2025.05.09
of
ARCHITECTS
MARIA JOSE MELO
LICENCE
9327
2023-0753-10

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DATE:	2025-05-09	
PROJECT NO.:	2023-0753-10	
DRAWN BY:	CS/EA	
CHECKED BY:	MM	

A801

DOOR & SCREEN SCHEDULE

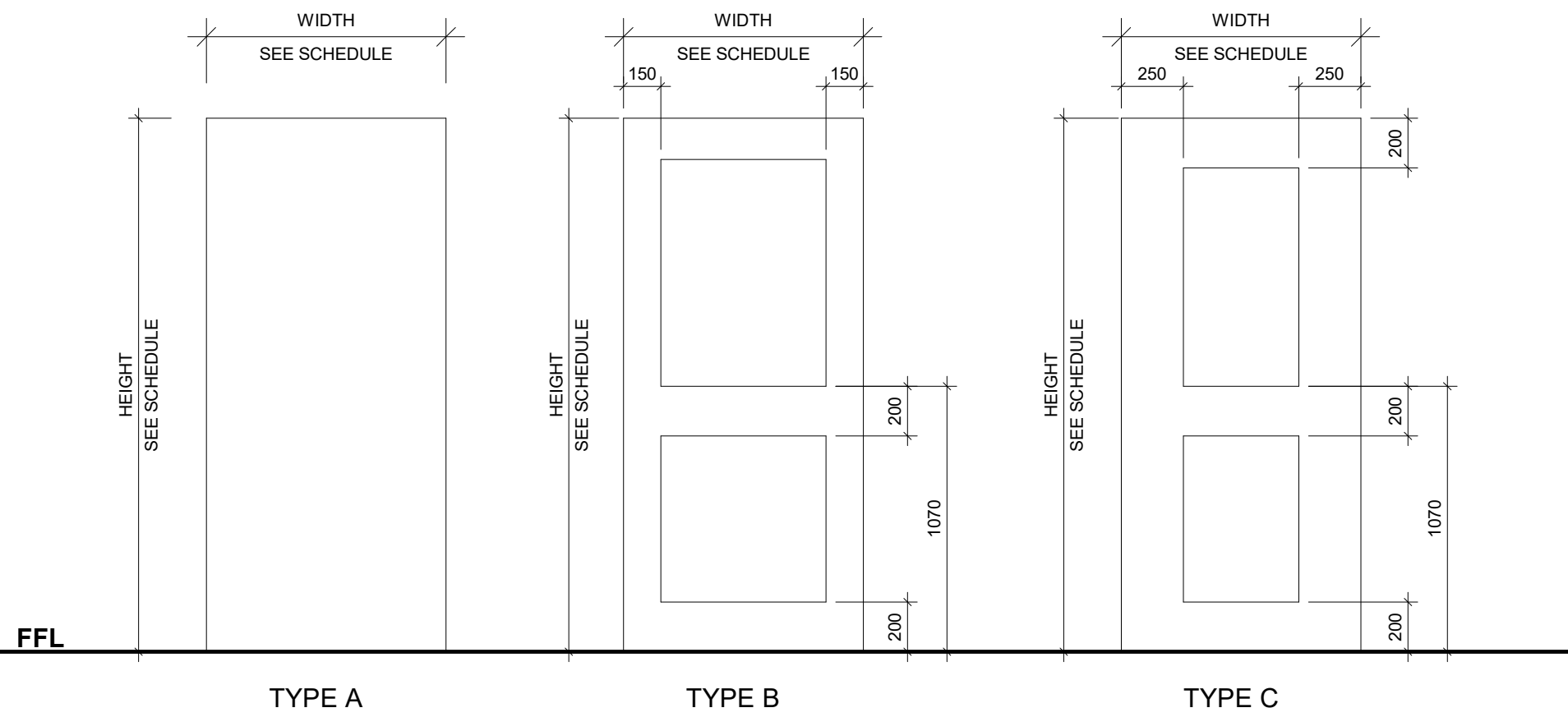
Door/Screen		Door/Screen					Frame					Hardware					Fire Rating	Notes
Mark	Width x Height x Thickness	Type / Elev	Material	Finish	Glazing	Grille	Type / Elev	Profile	Material	Finish	ULC Panics	Closer	Threshold	Weather Strip				
FF GROUND FLOOR																		
C1	2-1016x2150x45	B	AL	ANO	DTGL		W4		AL	ANO	Yes	Yes	Yes	Yes				
C1a	2-915x2150x45	B	HM	PNT	FRG	-	B		HM	PNT	Yes	Yes			45 MIN	PDO		
FF SECOND FLOOR																		
208	965x2150x45	C	WSC	PLAM	TGL		C		HM	PNT		Yes						
210	965x2150x45	C	WSC	PLAM	TGL		D		HM	PNT		Yes						
218	965x2150x45	A	WSC	PLAM			A		HM	PNT		Yes						
220	965x2150x45	A	WSC	PLAM			D		HM	PNT		Yes						
222	965x2150x45	C	WSC	PLAM	TGL		C		HM	PNT		Yes						
224	965x2150x45	C	WSC	PLAM	TGL		A		HM	PNT		Yes						
226	965x2150x45	A	HM	PNT			A		HM	PNT		Yes				PDO, ELS w/ WASHROOM EGRESS KIT		
227	965x2150x45	C	WSC	PLAM	TGL		D		HM	PNT		Yes						
229	965x2150x45	C	WSC	PLAM	TGL		D		HM	PNT		Yes						
231	965x2150x45	C	WSC	PLAM	TGL		C		HM	PNT		Yes						
232	965x2150x45	A	HM	PNT			A		HM	PNT		Yes		Yes	0 HR			
233	965x2150x45	C	WSC	PLAM	TGL		C		HM	PNT		Yes						
C2	1015x2150x45	C	HM	PNT	FRG		A		HM	PNT	Yes	Yes			45 MIN			

LEGEND:

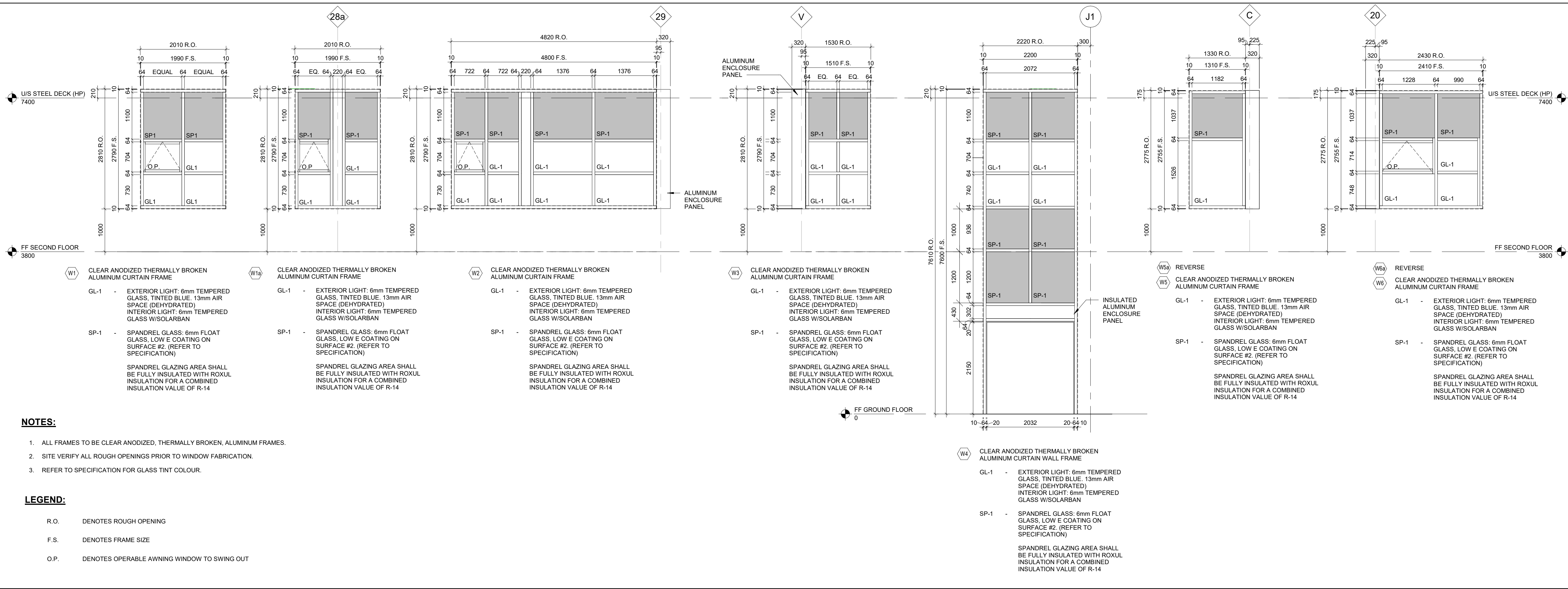
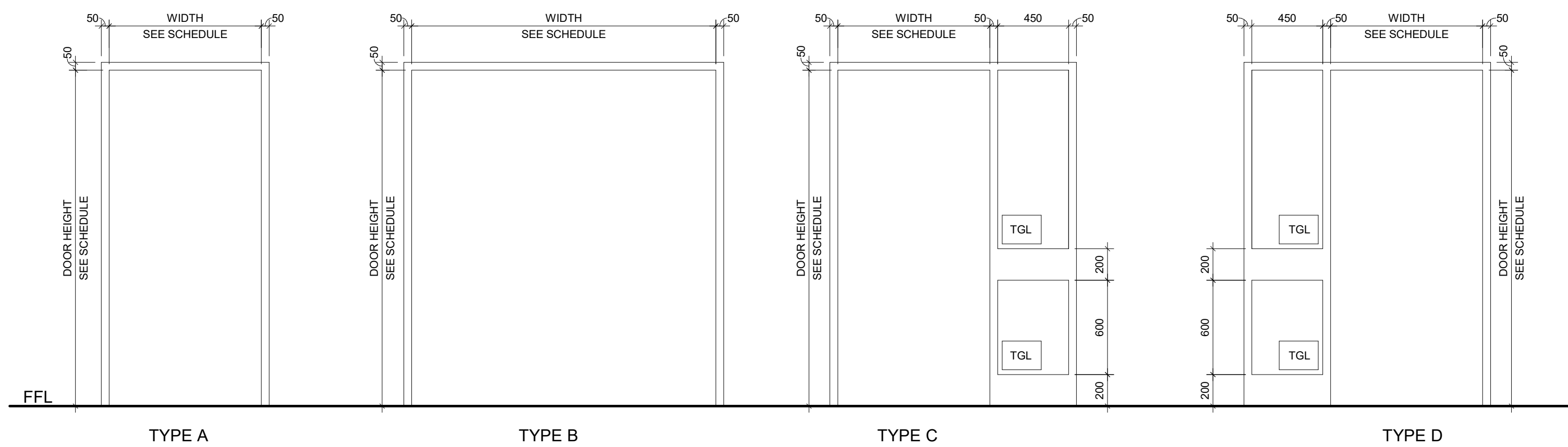
AL	ALUMINUM
ANO	ANODIZED
DTGL	DOUBLE TEMPERED GLASS
ELS	ELECTRIC STRIKE
FRG	FIRE RATED GLASS
HM	HOLLOW METAL
IGU	INSULATED GLAZING UNIT
PDO	POWER DOOR OPERATOR
PLAM	PLASTIC LAMINATE
PNT	PAINT
SP	SPANDREL PANEL
S&V	STAIN AND VARNISH
TGL	TEMPERED GLASS
WSC	WOOD SOLID CORE

45 MIN INDICATES 45 MIN. FIRE
RESISTANCE RATING REQUIRED
INCLUDING HOLLOW METAL FRAME.

DOOR TYPES



FRAME TYPES



KEYPLAN

No.	ISSUANCE	DATE
1	ISSUED FOR 100% OWNER REVIEW	2024.11.11
2	ISSUED FOR PERMIT	2024.12.03
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DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

DOOR AND WINDOW
SCHEDULE

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

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SEAL



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SCALE: As Indicated

DATE: 2025-05-09

PROJECT NO: 2023-0753-10

DRAWN BY: EA

CHECKED BY: MM/SG

A901

STANDARD ABBREVIATIONS			
@ ADOL AEC AESS AFF AFIB ALT ANCH. AR ARCH. BIO BCK BFB BM BOT. BPL BRG BTB CIC CW CANT. GFS CIVIL CJ CLS CMU CO CONC. CONC. COL. DBL DEM. Ø DIA. DIAG. DIM. DN DO DP DSL DETAL DWG DWL EW EE EF EJ EL ELEC. ELVY EMBED. EOD EOS EP EQ ES EW EX. EXT. F _c FD FDN FF FIN. FLR FMC FTG FV GALV. GB GC GL GLULAM HBR HC H.HORIZ. HP HSC HSPK ID INT. INV. IR	SPACED AT ADDITIONAL ARCHITECTURALLY EXPOSED CONCRETE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL ABOVE FINISHED FLOOR ASPHALT IMPREGATED FIBRE BOARD ALTERNATING (ALTERNATE) ANCHOR (ANCHORED) ANCHOR ROD (ANCHOR BOLT) ARCHITECTURAL DOCUMENTS / CONSULTANT BOTTOM OF BOTTOM CHORD EXTENSION BOTTOM FLANGE BRACING BEAM BOTTOM BASE PLATE BEARING BACK TO BACK CENTRE TO CENTRE COMPLETE WITH CANTILEVER COLD-FORMED STEEL COLD-FORMED STEEL / CONSULTANT CONTROL JOINT (CONSTRUCTION JOINT) CENTRELINE COMPRESSION LAP SPLICE CONCRETE MASONRY UNIT CLEAN OUT CONCRETE (CAST IN PLACE CONCRETE) CONTINUOUS COLUMN DOUBLE DEMOLISH (DEMOLITION) DIAMETER DIAGONAL DIMENSION (DIMENSIONED) DOWN DITTO DEEP (DEPTH) DRIFTING SNOW LOAD DRAWING DOWEL (DOWELS) EAST-WEST EACH EACH END EACH FACE EXPANSION JOINT ELEVATION ELECTRICAL DOCUMENTS / CONSULTANT ELEVATOR EMBEDMENT (EMBEDDED) EDGE OF DECK EDGE OF SLAB EMBEDDED PLATE EQUAL EACH SIDE EACH WAY EXISTING EXTERIOR CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS FLOOR DRAIN FOUNDATION FAR FACE FINISHED FLOOR FULL MOMENT CONNECTION FAR SIDE FOOTING YIELD STRENGTH GALVANIZED GRADE BEAM GENERAL CONTRACTOR GRID LINE GLULAM HORIZONTAL BRACE HOLLOW CORE HORIZONTAL HIGH POINT HORIZONTALLY SLOTTED CONNECTION HOUSEKEEPING PAD INSIDE DIAMETER INTERIOR INVERT INTEGRITY REINFORCEMENT	JT KB KP LG LLBB LLH LLV LP LSH LSV MAX. MC MECH. MEZZ. MID. MIN. N-S NF NIC NO NS NTS O/C O/O OD OPNG OPP OWSJ P-T PC PL PROJ. RAD. RA REF REF. REINF. REQD REV. RO RTN RWL SA SDF SIM SLBB SOG SSL SQU SPEC. STAG. STD STL STRU. SR SYM. T/C T/O T TCX TEMP. THK THRU TJ TLS TOS TYP. UG UNDRIDE UNO V. VERT. VBR VSC W/ W/O WD WO WP WWR ECR	JOINT KNEE BRACE KNEE PLATE LONG (LENGTH) LONG LEGS BACK TO BACK LONG LEG HORIZONTAL LONG LEG VERTICAL LONG POINT LONG SIDE HORIZONTAL LONG SIDE VERTICAL MAXIMUM MOMENT CONNECTION MECHANICAL DOCUMENTS / CONSULTANT MEZZANINE MID DEPTH (MIDDLE) MINIMUM NORTH-SOUTH NEAR FACE NOT IN CONTRACT NUMBER (COUNT) NEAR SIDE NOT TO SCALE ON CENTRE OUT TO OUT OUTSIDE DIAMETER OVERHEAD OPENING OPPOSITE SIDE / HAND OPEN WEB STEEL JOIST POST-TENSIONING PRECAST CONCRETE PLATE PROJECTION (PROJECTED) RADIUS ROOF ANCHOR ROOF DRAIN REFERENCE (REFER TO) REINFORCEMENT (REINFORCING BARS) REQUIRED REVISION (REVISED) ROUGH OPENING RETURN RAIN WATER LEADER SHELF ANGLE STEP DOWN FOOTING SIMILAR (TO) SHORT LEGS BACK TO BACK SLAB ON GRADE STAINLESS STEEL SLIDING SNOW LOAD SQUARE SPECIFICATIONS STAGGERED STANDARD STRUCTURAL STEEL STRUCTURAL DOCUMENTS / CONSULTANT STUD RAIL SYMMETRICAL TONGUE & GROOVE TOP OF TEMPERATURE TOP CHORD EXTENSION TEMPORARY THICK (THICKNESS) THROUGH TIE JOIST TENSION LAP SPLICE TOP OF CONCRETE TOP OF STRUCTURAL STEEL TYPICAL UNDERGROUND UNDRIDE UNLESS NOTED OTHERWISE VERTICAL VERTICAL BRACE VERTICALLY SLOTTED CONNECTION WITH WITHOUT WOOD WORK POINT WELDED WIRE REINFORCEMENT / MESH / FABRIC EPOXY-COATED REINFORCING

FORCES AND UNITS		
FORCES	UNITS	
AF	AXIAL FORCE	kg
CF	FACTORED COMPRESSION FORCE	kN
HF	FACTORED HORIZONTAL FORCE	kN-m
Mx	FACTORED BENDING MOMENT (ABOUT MAJOR / GRAVITY AXIS)	kPa
My	FACTORED BENDING MOMENT (ABOUT MINOR / LATERAL AXIS)	L
TMT	FACTORED TORSIONAL MOMENT	m
TT	FACTORED TENSION FORCE	mm
VF	FACTORED VERTICAL SHEAR FORCE	MPa
LOADS		N
DL	UNFACTORED DEAD LOAD	Pa
EQ	UNFACTORED EARTHQUAKE LOAD	ft
LL	UNFACTORED LIVE LOAD	g
SDL	UNFACTORED SUPERIMPOSED DEAD LOAD	k, kip
SL	UNFACTORED SNOW LOAD	k-ft
SLS	SERVICEABILITY LIMIT STATE	kst
WL	UNFACTORED WIND LOAD	kst
ULS	ULTIMATE LIMIT STATE	lbs
		psf
		psi
		mil

REINFORCING BAR DESIGNATIONS		
BLL BML BUL C HEF HIF HK HOF H LL	BOTTOM LOWER LAYER BOTTOM MIDDLE LAYER BOTTOM UPPER LAYER EPOXY COATED HORIZONTAL EACH FACE HORIZONTAL INSIDE FACE HOOK (HOOKED) HORIZONTAL OUTSIDE FACE HORIZONTAL LOWER LAYER	ML SS TLL TLS TML TUL UL VEF VIF VOF
		MIDDLE LAYER STAINLESS STEEL TOP LOWER LAYER TENSION LAP SPLICE TOP MIDDLE LAYER TOP UPPER LAYER UPPER LAYER VERTICAL EACH FACE VERTICAL INSIDE FACE VERTICAL OUTSIDE FACE

MASONRY REINFORCING EMBEDMENT AND LAP SPLICE LENGTHS				
BAR SIZE	VERTICAL REINFORCING		HORIZONTAL REINFORCING	
	MINIMUM TENSION EMBEDMENT	MINIMUM TENSION LAP SPLICE	MINIMUM TENSION EMBEDMENT	MINIMUM TENSION LAP SPLICE
10M	575mm (23")	750mm (30")	750mm (30")	950mm (38")
15M	800mm (32")	1050mm (42")	1050mm (42")	1350mm (54")
20M	975mm (39")	1275mm (51")	1275mm (51")	1650mm (66")
25M	1575mm (63")	2050mm (82")	2050mm (82")	2650mm (106")
NOTES:				
1. BAR DIAMETER NOT TO EXCEED 25M PER CSA S304-14.				

NON-LOAD BEARING MASONRY WALL REINFORCEMENT				
WALL THICKNESS	LOCATION	VERTICAL REINF.	MAXIMUM HEIGHT	HORIZONTAL JOINT REINFORCEMENT
140	INTERIOR PARTITION	10M@1000	4000	STANDARD (3.7mm) LADDER TYPE @400
190	INTERIOR PARTITION	15M@1800	4000	STANDARD (3.7mm) LADDER TYPE @400
NOTES: 1. PROVIDE REINFORCING FOR CONCRETE MASONRY WALLS AS PER THE SCHEDULE UNLESS NOTED OTHERWISE. 2. REFER TO TYPICAL DETAILS FOR ADDITIONAL SUPPORT REQUIREMENTS.				

STEEL LINTELS FOR NON-LOAD BEARING MASONRY WALLS				
WALL THICKNESS	SPAN	HEIGHT OF SUPPORTED MASONRY (h)		
		<1200 (4'-0")	<2600 (8'-6")	<4800 (15'-9")
90 (4")	<1200 (4'-0")	L89x89x6.4	L89x89x6.4	L89x89x7.9
	<1800 (6'-0")	L89x89x6.4	L89x89x6.4	L102x89x7.9
	<2400 (8'-0")	L89x89x6.4	L102x89x9.5	L152x89x7.9
	<3000 (10'-0")	L102x89x7.9	L152x89x7.9	N/A
	<3600 (12'-0")	L152x89x7.9	N/A	N/A
140 (6")	<1200 (4'-0")	2-L89x64x6.4	2-L89x64x6.4	2-L89x64x6.4
	<1800 (6'-0")	2-L89x64x6.4	2-L89x64x7.9	2-L89x64x7.9
	<2400 (8'-0")	2-L89x64x7.9	N/A	N/A
	<3000 (10'-0")	2-L89x64x9.5	N/A	N/A
	<3600 (12'-0")	N/A	N/A	N/A
190 (8")	<1200 (4'-0")	2-L89x89x6.4	2-L89x89x6.4	2-L89x89x6.4
	<1800 (6'-0")	2-L102x89x6.4	2-L102x89x6.4	2-L102x89x7.9
	<2400 (8'-0")	2-L102x89x6.4	2-L102x89x7.9	2-L127x89x7.9
	<3000 (10'-0")	2-L127x89x7.9	2-L152x89x7.9	2-L152x89x9.5
	<3600 (12'-0")	2-L127x89x7.9	2-L152x89x9.5	N/A
240 (10")	<1200 (4'-0")	2-L102x102x6.4	2-L102x102x6.4	2-L102x102x6.4
	<1800 (6'-0")	2-L102x102x6.4	2-L102x102x6.4	2-L102x102x7.9
	<2400 (8'-0")	2-L102x102x6.4	2-L102x102x9.5	2-L152x102x7.9
	<3000 (10'-0")	2-L102x102x9.5	2-L152x102x9.5	2-L178x102x9.5
	<3600 (12'-0")	2-L152x102x7.9	2-L178x102x9.5	N/A
290 (12")	<1200 (4'-0")	3-L89x89x6.4	3-L89x89x6.4	3-L89x89x6.4
	<1800 (6'-0")	3-L102x89x6.4	3-L102x89x6.4	3-L102x89x7.9
	<2400 (8'-0")	3-L127x89x6.4	3-L127x89x6.4	3-L127x89x7.9
	<3000 (10'-0")	3-L127x89x6.4	3-L127x89x7.9	3-L152x89x9.5
	<3600 (12'-0")	3-L127x89x7.9	3-L152x89x9.5	N/A
NOTES: 1. ALL ANGLE LINTELS TO HAVE THE LONG LEG VERTICAL (LLV) UNLESS NOTED OTHERWISE. 2. LINTELS TO HAVE A MINIMUM OF 200mm (8") OF BEARING ON EACH SIDE OF THE OPENING. LINTELS TO BEAR ON GROUT FILLED OR SOLID CONCRETE BLOCK. PROVIDE SHIMS AS REQUIRED FOR LEVELING. 3. BACK TO BACK ANGLES SHALL BE WELDED USING 6mmx50mm LONG WELDS AT 450mm ON CENTER ALONG THE TOES AND HEELS. 4. FOR LINTELS ABUTTING STEEL COLUMNS, SUPPORT WITH A L102x102x9.5 WELDED TO THE COLUMN. FOR LINTELS ABUTTING CONCRETE COLUMNS OR WALLS, SUPPORT WITH A L178x178x13 LAGGED TO THE CONCRETE USING (2) 19mm DIAMETER EXPANSION ANCHORS WITH 150mm EMBEDMENT. 5. STEEL LINTELS IN EXTERIOR WALLS SHALL BE GALVANIZED.				

CONCRETE REINFORCING EMBEDMENT AND LAP SPLICE LENGTHS								
CONCRETE STRENGTH	MINIMUM TENSION EMBEDMENT			MINIMUM COMPRESSION EMBEDMENT	MINIMUM TENSION LAP SPLICE			MINIMUM COMPRESSION LAP SPLICE
	25MPa	30MPa	35MPa		25MPa	30MPa	35MPa	
BAR SIZE								
TOP BARS								
10M	400mm (16")	375mm (15")	350mm (14")	250mm (10")	550mm (22")	500mm (20")	450mm (18")	350mm (14")
15M	600mm (24")	550mm (22")	525mm (21")	350mm (14")	775mm (31")	700mm (28")	650mm (26")	500mm (20")
20M	800mm (32")	750mm (30")	700mm (28")	400mm (16")	1025mm (41")	925mm (37")	850mm (34")	600mm (24")
25M	1200mm (48")	1100mm (44")	1025mm (41")	500mm (20")	1550mm (62")	1425mm (57")	1325mm (53")	750mm (30")
30M	1450mm (58")	1225mm (49")	1150mm (46")	600mm (24")	1850mm (78")	1730mm (69")	1600mm (64")	900mm (36")
35M	1675mm (67")	1550mm (62")	1325mm (53")	700mm (28")	2150mm (86")	2000mm (80")	1850mm (78")	1050mm (42")
BOTTOM BARS								
10M	300mm (12")	300mm (12")	300mm (12")	250mm (10")	400mm (16")	400mm (16")	400mm (16")	400mm (16")
15M	450mm (18")	400mm (16")	400mm (16")	350mm (14")	600mm (24")	600mm (24")	600mm (24")	450mm (18")
20M	600mm (24")	550mm (22")	500mm (20")	400mm (16")	800mm (32")	800mm (32")	800mm (32")	600mm (24")
25M	950mm (38")	850mm (34")	800mm (32")	500mm (20")	1200mm (48")	1100mm (44")	1000mm (40")	750mm (30")
30M	1100mm (44")	1000mm (40")	950mm (38")	600mm (24")	1450mm (58")	1300mm (52")	1200mm (48")	900mm (36")
35M	1300mm (52")	1200mm (48")	1100mm (44")	750mm (30")	1650mm (66")	1500mm (60")	1400mm (56")	1050mm (42")
NOTES:								
1. PROVIDE "TOP BAR" SPLICES AND EMBEDMENTS FOR HORIZONTAL BARS WHERE MORE THAN 300mm (12") OF FRESH CONCRETE IS CAST BELOW THE SPLICE. 2. TABULATED VALUES APPLY TO UNCOATED BARS IN NORMAL DENSITY CONCRETE. FOR COATED BARS AND STRUCTURAL LOW DENSITY CONCRETE, APPLY FACTORS AS PER CSA A23.3 3. TABULATED VALUES APPLY TO REINFORCING BARS WITH CLEAR COVER GREATER THAN 1.0db AND CLEAR SPACING NOT LESS THAN 1.4db IN BEAMS OR COLUMNS, OR 2.0db IN SLABS.								

CONCRETE DESIGN PROPERTIES				
ELEMENT	LOCATION	COMPRESSIVE STRENGTH (MPa)	EXPOSURE CLASS	REMARKS
FOOTINGS	-	30	N	
PIERS AND FOUNDATION WALLS	EXTERIOR	30	F-2	-
SLAB-ON-GRADE	INTERIOR	25	N-CF	WHERE ≥ 125 , MAX NOMINAL AGGREGATE SIZE TO BE 40mm (1 1/2"). AREAS WITH RESILIENT FINISHES LIMIT W/CM ≤ 0.45
SLAB-ON-GRADE	EXTERIOR	32	C-2	WHERE ≥ 125 , MAX NOMINAL AGGREGATE SIZE TO BE 40mm (1 1/2")
CONCRETE SLAB ON METAL DECK	INTERIOR	25	N-CF	-
NOTES: 1. USE HIGHEST STRENGTH AND MOST SEVERE EXPOSURE CONDITION WHERE MULTIPLE CONDITIONS ARE APPLICABLE. 2. COMPRESSIVE STRENGTH DENOTED IS A MINIMUM VALUE AT 28 DAYS, UNLESS NOTED OTHERWISE. 3. ALL CONCRETE MIXES TO BE PROPORTIONED AS NORMAL DENSITY CONCRETE, UNLESS NOTED OTHERWISE. 4. NOMINAL AGGREGATE SIZE IS 20mm (3/4") UNLESS NOTED OTHERWISE.				

STRUCTURAL DESIGN DATA MATRIX							
NO.	ITEM	DESCRIPTION					
1.	STRUCTURAL SYSTEM	CONVENTIONAL CONSTRUCTION MASONRY SHEAR WALLS					
2.	DESIGN CODE	2012 OBC WITH 2020 AMENDMENTS					
3.	SNOW/RAIN LOADS	SNOW LOADING DATA ACCOUNTS FOR GEODETIC ELEVATION OF THE PROJECT LOCATION IN ACCORDANCE WITH THE BULLETIN PROVIDED BY THE LOCAL JURISDICTION ENTITLED "SNOW LOAD ZONES, THE CITY OF OSHAWA"					
	a) IMPORTANCE (Is)	1.15 ULS, 0.9 SLS					
	b) GROUND SNOW (Ss)	1.9 kPa					
	c) GROUND RAIN (Sr)	0.40 kPa					
	d) ONE DAY RAINFALL	86 mm					
4.	WIND LOAD	THE WIND LOAD BASE SHEAR AND MOMENT VALUES PROVIDED APPLY TO THE ENTIRE BUILDING, INCLUDING THE NEW SECOND-FLOOR ADDITION.					
	a) IMPORTANCE (Iw)	1.15 ULS, 0.75 SLS			TERRAIN: OPEN		
	b) WIND PRESSURE (q)	0.48 kPa			INTERNAL PRESSURE: CATEGORY 2		
	BASE SHEAR	V (N-S) = 320 kN			V (E-W) = 160 kN		
	OVERTURNING MOMENT	M (N-S) = 1570 kN-m			M (E-W) = 790 kN-m		
5.	SEISMIC LOAD	THE SEISMIC BASE SHEAR AND MOMENT VALUES PROVIDED APPLY TO THE ENTIRE BUILDING, INCLUDING THE NEW SECOND-FLOOR ADDITION.					
	a) IMPORTANCE (Ie)	1.3 ULS					
	b) SEISMIC DATA	Sa (0.2)	Sa (0.5)	Sa (1.0)	Sa (2.0)	Sa (5.0)	Sa (10.0)
		0.192	0.108	0.058	0.029	0.0071	0.0030
	c) SITE DATA	SITE CLASS: C		Fa = 1.0	Fv = 1.0		
		IeFaSa(0.2) = 0.25					
	d) METHOD OF ANALYSIS	EQUIVALENT STATIC FORCE PROCEDURE					
	e) SEISMIC (N-S)	SFRS: CONVENTIONAL MASONRY SHEAR WALLS					
		Rd = 1.5	Ro = 1.5	Mv = 1.0	J = 1.0	Ta = 0.22 SEC.	
		V (N-S) = 1700 kN			M (N-S) = 9750 kN-m		
	f) SEISMIC (E-W)	SFRS: CONVENTIONAL MASONRY SHEAR WALLS					
		Rd = 1.5	Ro = 1.5	Mv = 1.0	J = 1.0	Ta = 0.22 SEC.	
		V (N-S) = 1700 kN			M (N-S) = 9750 kN-m		
	6	FOUNDATION					
DESCRIPTION		SHALLOW FOUNDATION					
SUBGRADE		DENSE NATIVE SILTY SAND TILL					
BEARING (ULS)		450 kPa					
BEARING (SLS)		300 kPa					
RETAINING STRUCTURES		Ko = 0.46, SOIL DENSITY = 21 kN/cu.m					
SOIL REPORT:		V.A. WOODS ASSOCIATES LTD.					
		REPORT #:					
		6332-13-9					
		DATE: SEPTEMBER 2013					



DURHAM CATHOLIC DISTRICT SCHOOL BOARD

No. 1 ISSUED FOR OWNER REVIEW 2024.09.11

2 ISSUED FOR 100% OWNER REVIEW 2024.11.11

3 ISSUED FOR PERMIT 2024.12.03

4 RE-ISSUED FOR BUILDING PERMIT 2025.03.10

5 ISSUED FOR BID 2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT

PROJECT

ST. KATERI TEKAKWITHA C.E.S.

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

TABLES AND SCHEDULES

WALTERFEDY

WF Architecture Inc. operating as WalterFedy

800.685.1378 walterfedy.com

SEAL



P. FAZELI
100554621
May 9, 2025
2023-0755-10
PROVINCE OF ONTARIO

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SCALE:	1 : 1</
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ONE-LAYER OF WALL REINFORCEMENT

TWO-LAYERS OF WALL REINFORCEMENT

NOTES:

- REFER TO STRIP FOOTING SCHEDULE.
- PROVIDE DOWELS TO MATCH SIZE AND SPACING OF SPECIFIED CONCRETE WALL VERTICAL REINFORCING, UNLESS NOTED OTHERWISE.
- PROVIDE 10Mx400 (16") LONG DOWELS AT 450 (18") ON CENTRE, WET-SET 100 (4") IN FOOTING FOR CONCRETE WALLS WITHOUT VERTICAL REINFORCING.
- PROVIDE 38x89 (11/2"x3/12") CONTINUOUS SHEAR KEY BETWEEN WALL AND STRIP FOOTING IN WALLS WITH TWO-LAYERS OF REINFORCEMENT.

STRIP FOOTINGS

C105

SLAB-ON-GRADE REPAIR

NOTE:

- REFER TO ARCH. FOR LOCATION AND SIZE OF SLAB REPAIR.

SLAB THICKENING FOR MASONRY PARTITIONS

C106

SLAB THICKENING FOR MASONRY PARTITIONS

NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY PARTITIONS AND OTHER NON-LOADBEARING MASONRY WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

SLAB THICKENING FOR MASONRY PARTITIONS

C107

SUPPORT OF STEEL STAIR ON GRADE

NOT EXPOSED TO FROST

EXPOSED TO FROST

SUPPORT OF STEEL STAIR ON GRADE

C109b

CORNERS (ONE-LAYER)

TEE (ONE-LAYER)

CORNERS (TWO-LAYERS)

TEE (TWO-LAYERS)

NOTES:

- THIS DETAIL APPLIES TO FOUNDATION WALLS, PIT WALLS, AND UNIFORMLY REINFORCED CONCRETE WALLS WITHOUT ZONE REINFORCEMENT. REFER TO SCHEDULES FOR SPECIFIED REINFORCEMENT.
- FOR WALLS WITH ONE LAYER OF STEEL, THE REINFORCING SHALL BE PLACED IN THE CENTRE OF THE WALL UNLESS NOTED OTHERWISE.
- ALL REINFORCING SHALL BE CONTINUOUS WITH STANDARD HOOKS OR CORNER BARS AT WALL INTERSECTIONS.
- ALL TENSION LAP SPLICES SHALL BE 'CLASS B', UNLESS NOTED OTHERWISE.

CONCRETE WALL INTERSECTIONS

C110

VERTICAL REINFORCEMENT IN MASONRY WALLS

NOTES:

- REFER TO SCHEDULE FOR SIZE AND SPACING OF REINFORCEMENT.
- WHERE OPENINGS ARE LESS THAN THE VERTICAL REINFORCEMENT SPACING, PROVIDE 1 VERTICAL BAR ON EACH SIDE OF THE OPENING UNLESS NOTED OTHERWISE.
- WHERE OPENINGS ARE WIDER THAN THE VERTICAL REINFORCEMENT SPACING, BUT LESS THAN 3000 (10'-0"), PROVIDE 2 VERTICAL BARS ON EACH SIDE OF OPENING UNLESS NOTED OTHERWISE.

VERTICAL REINFORCEMENT IN MASONRY WALLS

M101

BED JOINT REINFORCEMENT

NOTE:

- ALL BED JOINT REINFORCEMENT SHALL BE LADDER TYPE, UNLESS NOTED OTHERWISE.
- ALL CORNER AND TEES REINFORCEMENT SHALL BE PREFABRICATED.

BED JOINT REINFORCEMENT

M102

STEEL LINTELS FOR MASONRY WALLS

NOTES:

- REFER TO SCHEDULE FOR STEEL LINTEL SIZE.
- CONNECT BACK TO BACK ANGLES USING MINIMUM 16 (5/8") Ø BOLTS AT 450 (1'-6") ON CENTRE, OR BY WELDING TOP & BOTTOM WITH 6 (1/4") FILLET WELDS x 50 (2") LONG AT 450 (1'-6") ON CENTRE. FIRST CONNECTION SHALL BE NO MORE THAN 75 (3") FROM END OF LINTEL.
- WHERE WALL THICKNESS IS REDUCED BY RECESSES, INCLUDE IN LINTEL SPAN.
- IF PIER DIMENSION TO END OF WALL IS 600 (2'-0") OR LESS, FULLY GROUT PIER FOR FULL WALL HEIGHT.
- PROVIDE STEEL PACKING AS REQUIRED FOR UNIFORM BEARING OF LINTELS.
- FOR NON-LOAD BEARING MASONRY PARTITIONS WITH STACKED BOND, THE UNSUPPORTED WALL HEIGHT ABOVE LINTEL NOT TO EXCEED 1/2 x SPAN.

STEEL LINTELS FOR MASONRY WALLS

M105

BOND BEAM REINFORCING SCHEMATIC

NOTES:

- ALL BOND BEAM REINFORCING SHALL BE CONTINUOUS.
- ALL TENSION LAPS SHALL BE CLASS 'B', UNLESS NOTED OTHERWISE.
- REFER TO SCHEDULE FOR TENSION LAP LENGTHS.

BOND BEAM REINFORCING SCHEMATIC

M103

STEEL LINTELS FOR EXISTING NON-LOAD BEARING MASONRY PARTITIONS

NOTES:

- REFER TO SCHEDULE FOR STEEL LINTEL SIZE.
- GROUT LINTEL BEARING PRIOR TO SAW CUTTING THE EXISTING WALL.
- PROVIDE STEEL PACKING AS REQUIRED FOR UNIFORM BEARING OF STEEL LINTELS.
- STANDARD LINTELS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS FOR OPENING LOCATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS.

STEEL LINTELS FOR EXISTING NON-LOAD BEARING MASONRY PARTITIONS

M107

DOOR EXITS

15M HAIRPIN AT DOOR OPENINGS TYP.

15M DOWELS @ 450 (18") o/c
SOG (REFER TO PLANS FOR THICKNESS AND REINFORCING TYP.)

DOOR EXITS

C116

MOVEMENT JOINTS IN MASONRY WALLS

TERMINATE 50% OF BED JOINT REINF. @ MOVEMENT JOINT

LADDER TYPE REINFORCEMENT

BUILDING PAPER FIT TIGHT TO CORE FACE

BED JOINT REINFORCEMENT

SEE NOTE 1

SEE NOTE 2

BOND BEAM

NOTES:

- FOR REINFORCED WALLS, ADD 1 VERTICAL BAR ON EACH SIDE OF MOVEMENT JOINT, UNLESS NOTED OTHERWISE. REFER TO SCHEDULE FOR BAR SIZE.
- WHERE BOND BEAMS ARE SPECIFIED, MAINTAIN CONTINUITY OF BOND BEAM REINFORCING THROUGH MOVEMENT JOINTS AT TOP AND BOTTOM OF WALLS, UNLESS NOTED OTHERWISE.
- FILL MOVEMENT JOINT COMPLETELY WITH MORTAR FOR FULL WALL HEIGHT.
- REFER TO ARCHITECTURAL FOR MOVEMENT JOINT REQUIREMENTS AND LOCATIONS.

MOVEMENT JOINTS IN MASONRY WALLS

M104a

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
5	ISSUED FOR BID	2025.05.09

CLIENT

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ST. KATERI TEKAKWITHA C.E.S.

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

TYPICAL DETAILS

WALTERFEDY

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SEAL

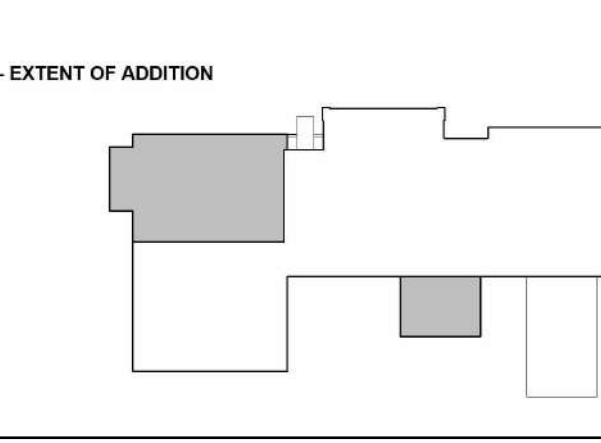
PROFESSIONAL ENGINEER
P. FAZELI
100554621
May 9, 2025
2023-0753-10
PROVINCE OF ONTARIO


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DATE:	2023-02-28	S003
PROJECT NO:	2023-0753-10	
DRAWN BY:	AD/AK	
CHECKED BY:	PF/MC	




- EXTENT OF ADDITION





TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
5	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S.

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE


PARTIAL PLANS - FOUNDATION & LEVEL 2

WALTERFEDY

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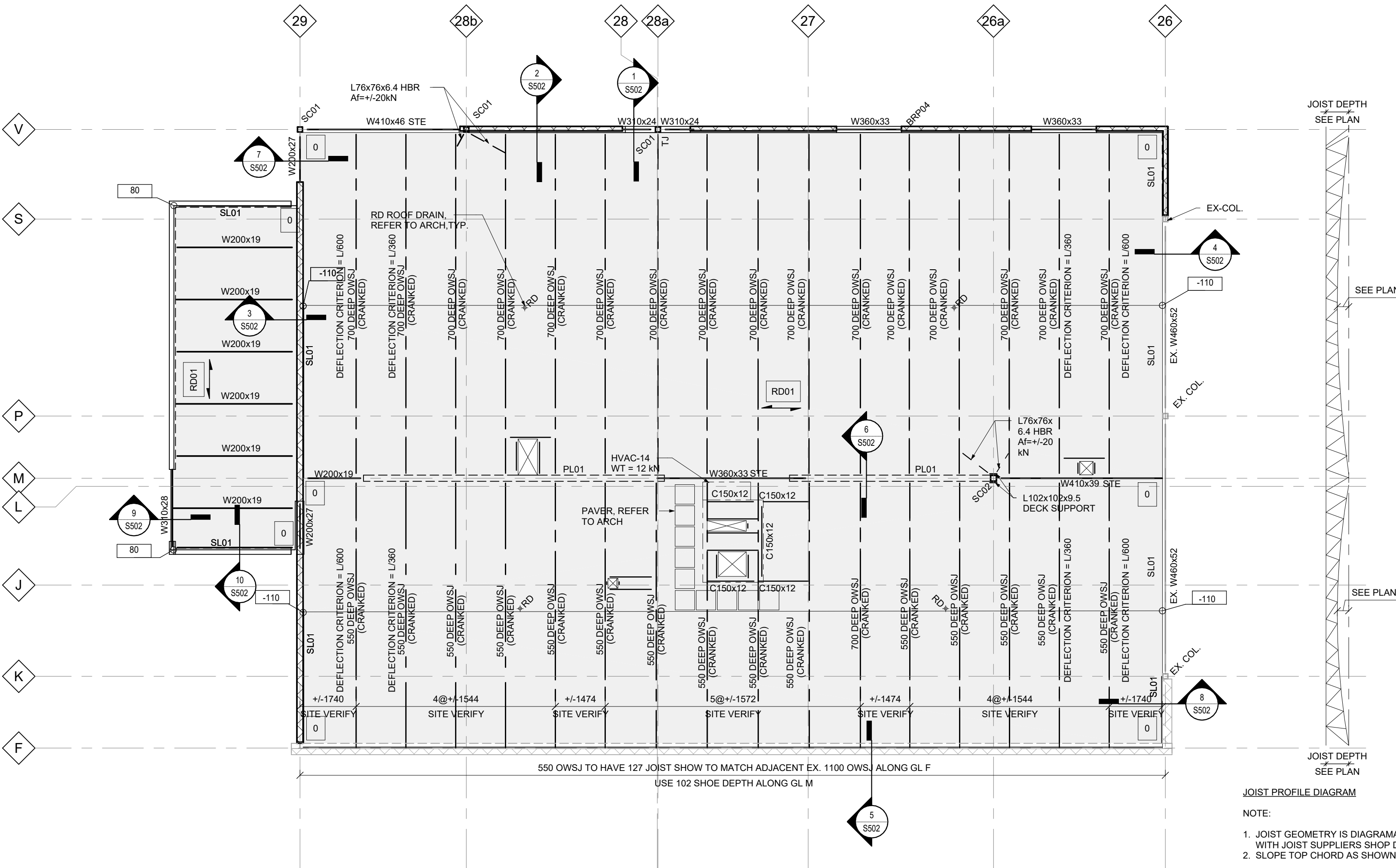
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SCALE:	As indicated	SHEET NO:	S201
DATE:	2023-02-28		
PROJECT NO:	2023-0753-10		
DRAWN BY:	ADI/AK		
CHECKED BY:	PF/MC		



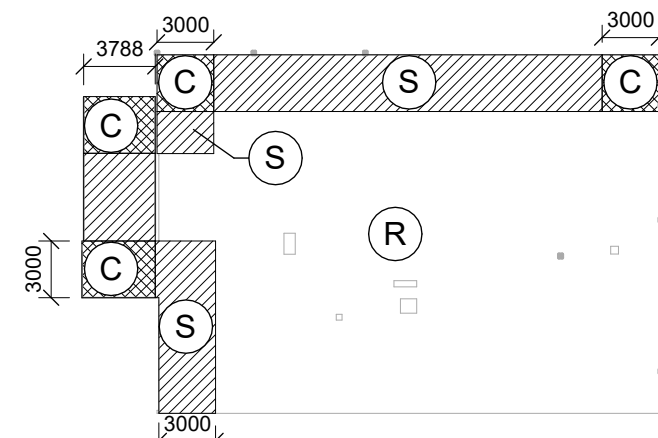
1 ROOF FRAMING PART PLAN
Scale: 1 : 100

ROOF PLAN NOTES

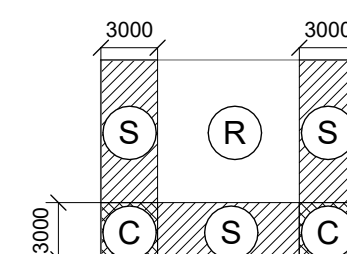
1. ROOF DATUM ELEVATION = 7400mm
2. SEE GENERAL NOTES AND TYPICAL DETAILS ON DRAWING S001.
3. STEEL ROOF SYSTEM:
 1. UNDERSIDE OF ROOF DECK (TOP OF STEEL) SLOPES. DISTANCE TO UNDERSIDE OF STEEL DECK FROM DATUM ELEVATION IS NOTED +/-X ON PLAN.
 2. TOP OF STEEL BEAMS AND JOISTS ARE AT UNDERSIDE OF STEEL DECK, EXCEPT WHERE BEAMS SUPPORT JOISTS. TOP OF BEAMS ARE AT UNDERSIDE OF JOIST SHOES.
 3. WHERE BEAMS ARE NOTED +/-X, X IS THE DISTANCE FROM THE TOP OF THE BEAM TO FLOOR DATUM.
 4. REFER TO TYPICAL DETAILS FOR MAXIMUM OPENING SIZES AND FRAMING REQUIREMENTS FOR OPENINGS.
 5. PROVIDE CONT BENT PLATES WHERE REQUIRED ON BEAM TOP FLANGE/JOIST TOP CHORD TO PROVIDE COMPLETE BEARING OF THE SLOPING DECK.
 6. PROVIDE CONT. L102x76x6.4 (LLV) PERIMETER ANGLE ANCHOR TO WALL WITH HILTI ϕ 1/2 KWIK BOLT T22 - CS WITH 50.8 mm NOMINAL EMBEDMENT DEPTH PER ICC-ES ESR-4561 AT 300mm ON CENTRE AT ALL ROOF DECK EDGES UNLESS NOTED OTHERWISE.
 7. DESIGN ALL JOIST BOTTOM CHORDS FOR AN ADDED POINT LOAD OF 2 kN AT ANY POINT ALONG THE LENGTH IN ADDITION TO THE LOADS GIVEN ON THE PLANS AND LOADING DIAGRAMS.
 8. SITE ON PLAN DENOTES SHEAR TRANSFER ELEMENT. WHERE NOTED PROVIDE HSS152X102X6.4 (LSH) BETWEEN JOIST SHOES. TYP UNLESS NOTED OTHERWISE.
 9. 'PLOT' ON PLAN DENOTES 120x6 CONTINUOUS STEEL PLATE WITH 12 DIA. x 400 LONG ANCHORS PLUS 50 HOOK AT 600 CENTRES IN GROUTED MASONRY CORES.
 10. 'SL01' ON PLAN DENOTES L152x89x6.4 (LLV) SHELF ANGLE. ANCHOR TO WALL WITH HILTI ϕ 5/8 KWIK HUS-EZ (KH-EZ CARBON STEEL) WITH 82.6mm NOMINAL EMBEDMENT DEPTH 400mm ON CENTRE.
 11. PROVIDE ADDITIONAL FRAMING AROUND ROOF OPENING PER TYPICAL DETAIL S102.
4. ALL HILTI MECHANICAL ANCHORS TO BE INSTALLED INTO GROUTED CONCRETE BLOCK WALL. NOTIFY THE CONSULTANT IF CONDITIONS DIFFER.
5. CONTRACTOR TO SITE VERIFY EXISTING CONDITIONS BEFORE SUBMITTING SHOP DRAWINGS, INCLUDING BUT NOT LIMITED TO EXISTING JOIST LOCATIONS, SHOE DEPTH, AND COLUMN CONNECTION.
6. WHERE MECHANICAL LOADS ARE SHOWN ON PLAN, THE VALUES ARE ASSUMED. CONFIRM EXACT MAGNITUDE AND POSITION OF MECHANICAL LOADS WITH MECHANICAL SHOP DRAWINGS.
7. USE 2L127x69x7.9 LLV FOR INTELLS IN LOAD-BEARING WALLS WITH SPANS UP TO 1000mm.
8. 'RD01' DENOTES: 38 x 0.91mm STEEL DECK.
9. FASTEN STEEL DECK AS FOLLOWS:
 1. TO SUPPORTING MEMBERS: 19mm PUDDLE WELD WITH 36/4 SUPPORT PATTERN
 2. TO PERIMETER MEMBERS: 19mm PUDDLE WELD @ 300
 3. AT SIDE-LAPS: #10 SCREW @ 300
10. ROOF LOADS:
 - DL = 1.44 kPa
 - SDL = 0.8 kPa
 - PAVER SUPERIMPOSED DEAD LOAD ALLOWANCE = 1.2 kPa.
 - SL = 2.2 kPa

STEEL COLUMN SCHEDULE		
MARK	SIZE	COMMENTS
SC01	HSS152x152x6.4	Cf=160 kN, UPLIFT=40kN
SC02	HSS176x176x6.4	Cf=270 kN, UPLIFT=20kN

LOAD BEARING MASONRY WALL SCHEDULE				
MARK	WIDTH	REINFORCEMENT		COMMENTS
		VERTICAL	HORIZONTAL JOINT	
BW01	190	15M@1200	HEAVY (4.8mm) LADDER TYPE @400	
BW02	190	15M@1000	HEAVY (4.8mm) LADDER TYPE @400	
BW03	190	2-15M@600	HEAVY (4.8mm) LADDER TYPE @400	



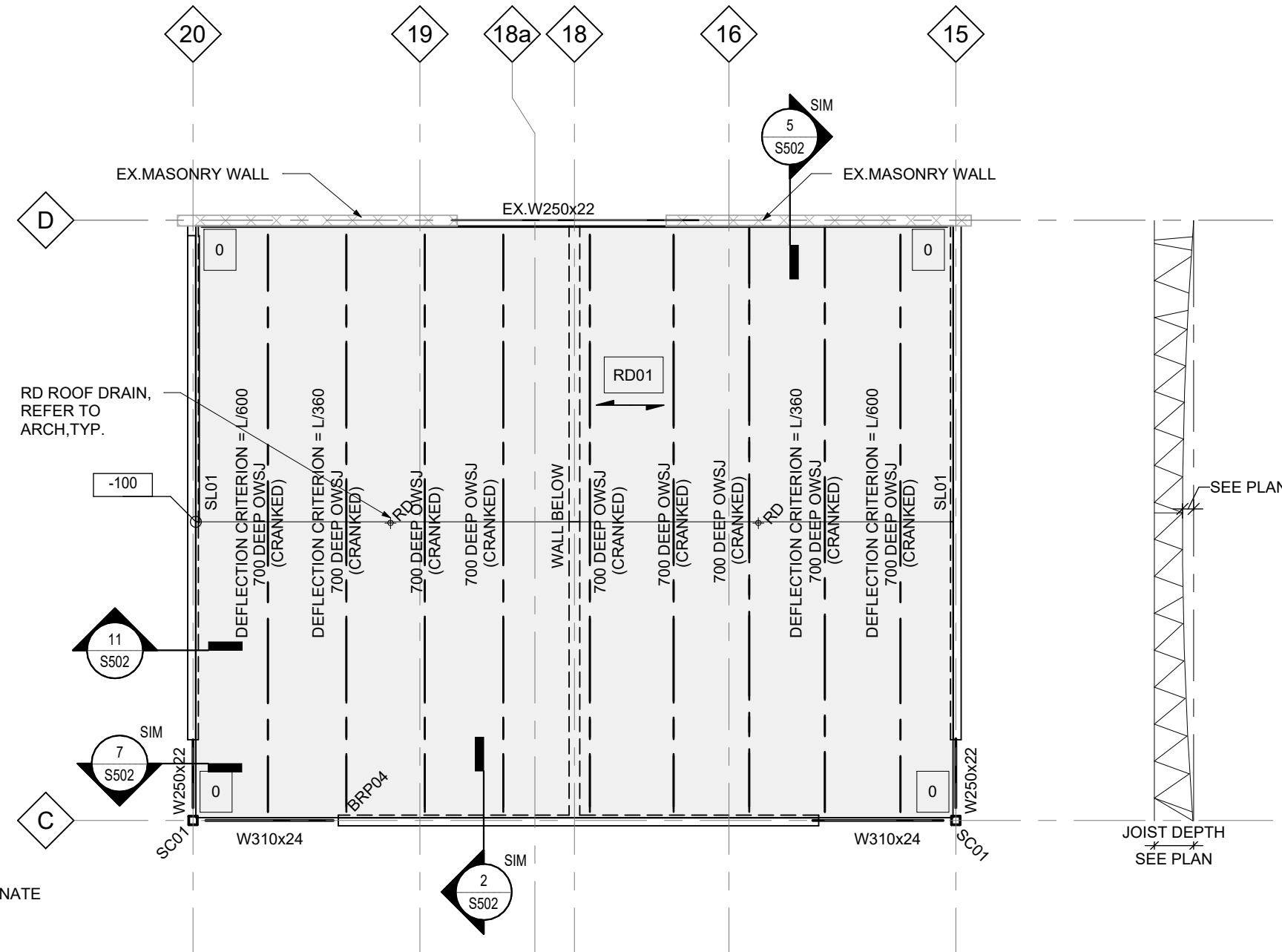
6 WIND UPLIFT PART PLAN
Scale: 1 : 400



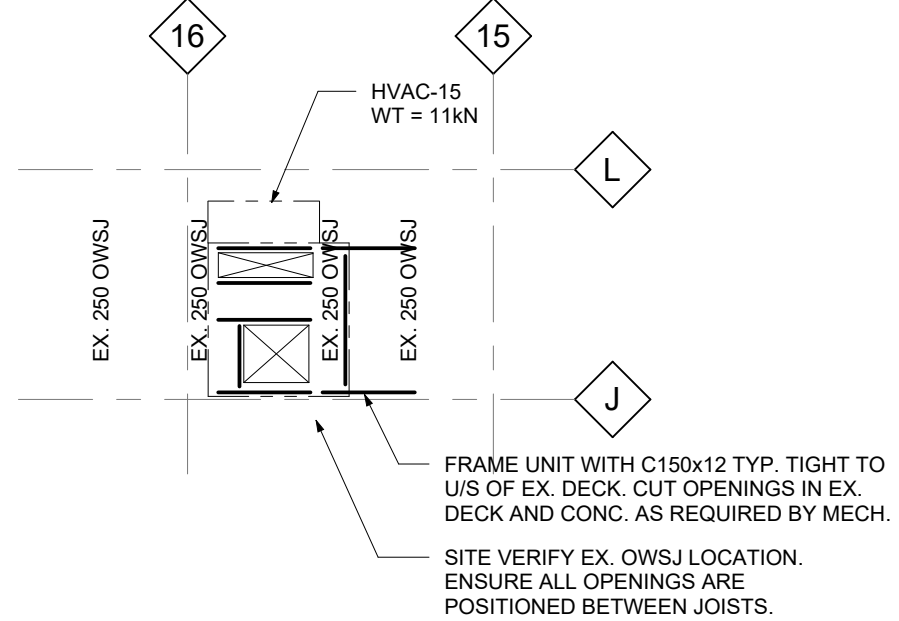
7 WIND UPLIFT PART PLAN
Scale: 1 : 400

WIND UPLIFT/DOWNFORCE		
ZONE	GROSS WIND UPLIFT (kPa)	GROSS WIND DOWNFORCE (kPa)
(R)	-1.3	0.73
(S)	-1.62	0.73
(C)	-3.15	0.73

NOTES:
1. ALL LOADS IN THIS TABLE ARE UNFACTORED.
2. NEGATIVE VALUES INDICATE GROSS WIND UPLIFT. VALUES IN THIS TABLE ARE COMBINED INTERNAL AND EXTERNAL PRESSURES.
3. ALL VALUES IN THIS TABLE APPLY TO THE WIND CASE ONLY.
4. THE DESIGN DEAD LOAD/SUPERIMPOSED DEAD LOAD USED TO COUNTERACT WIND UPLIFT IS THE SELF-WEIGHT OF THE STRUCTURE + 0.5 x SPECIFIED WEIGHT OF FINISHES AND MIE ALLOWANCES.



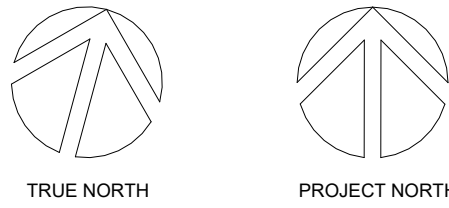
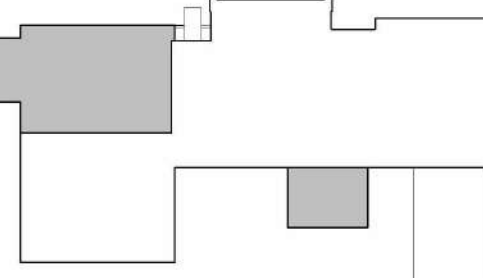
2 ROOF FRAMING PART PLAN
Scale: 1 : 100



5 EXISTING ROOF PART PLAN
Scale: 1 : 100
1. LOADS FROM NEW RTU ARE LESS THAN RECORDED LOADS FROM EXISTING DRAWINGS FOR JOIST DESIGN.



EXTENT OF ADDITION



No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
5	ISSUED FOR BID	2025.05.09

DURHAM CATHOLIC DISTRICT
652 Rossland Road West, Oshawa, ON

PROJECT
ST. KATERI TEKAKWITHA C.E.S.

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
PARTIAL PLANS - ROOF FRAMING

WALTERFEDY
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No.	ISSUANCE	DATE
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
5	ISSUED FOR BID	2025.05.09

CLIENT
DURHAM CATHOLIC DISTRICT

PROJECT
ST. KATERI TEKAKWITHA C.E.S.

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
SECTIONS AND DETAILS

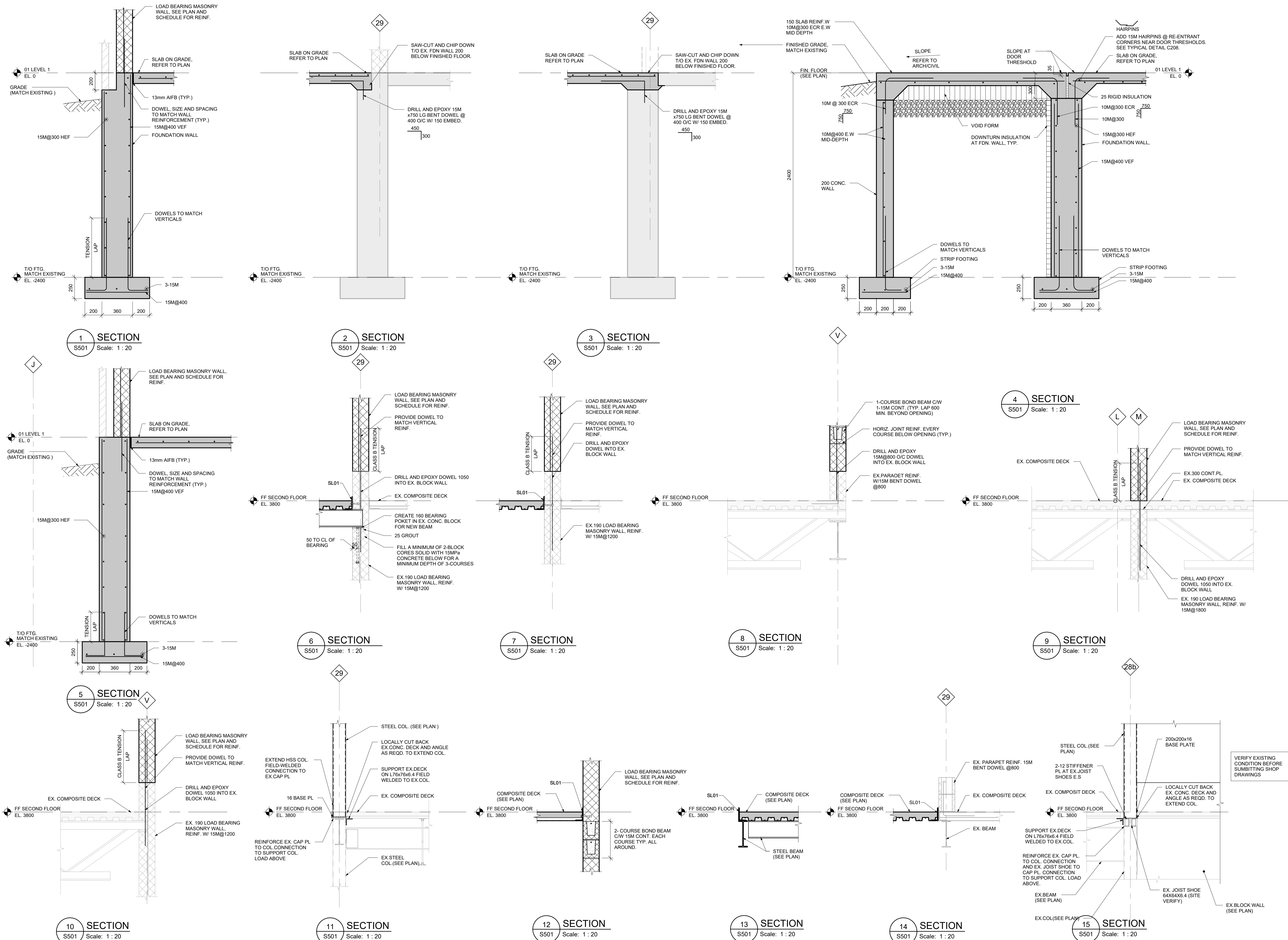
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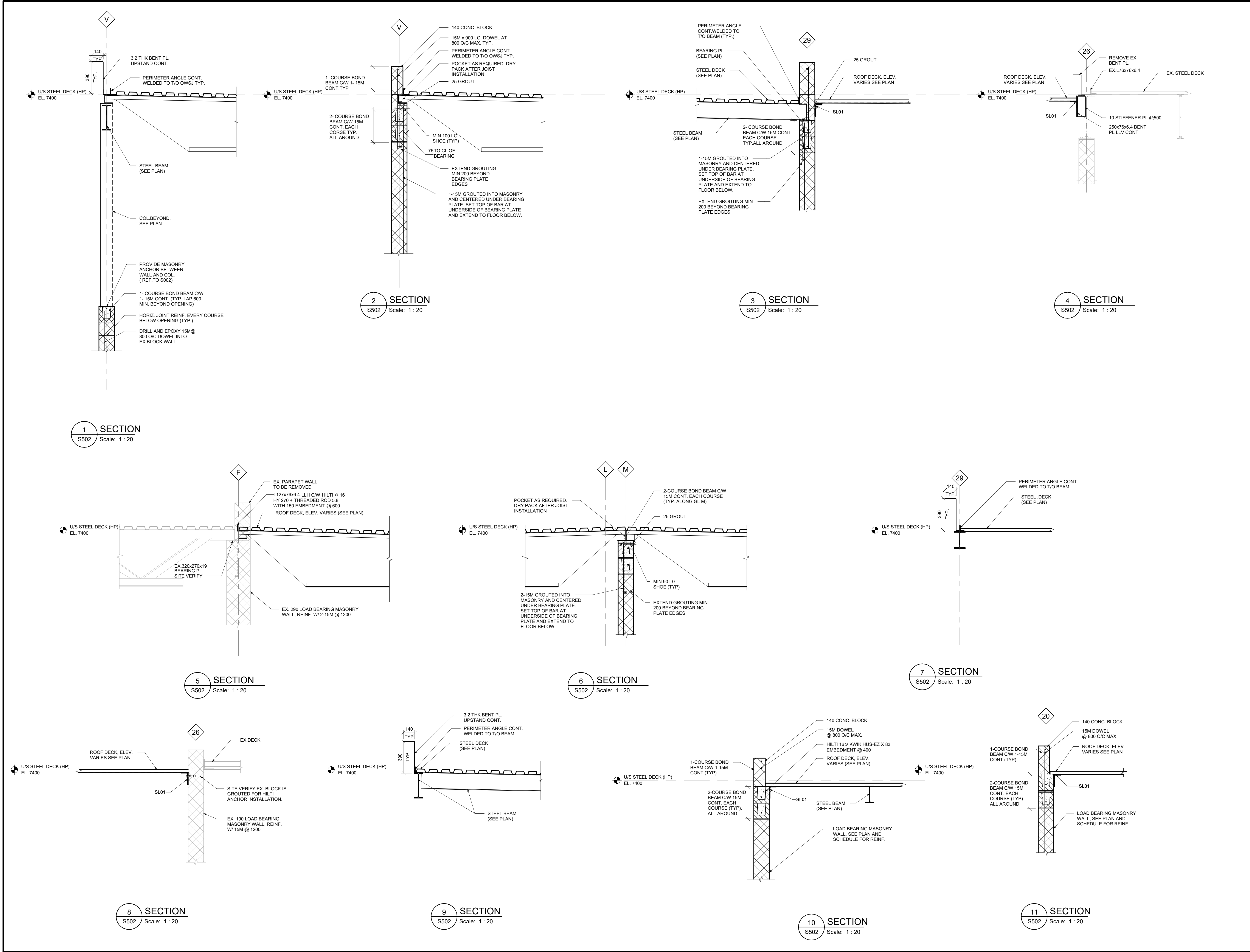
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SCALE: 1 : 20	SHEET NO:
DATE: 2023-02-28	S501
PROJECT NO: 2023-0753-10	
DRAWN BY: AD/AK	
CHECKED BY: PF/MC	







No.	ISSUANCE	DATE
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	RE-ISSUED FOR BUILDING PERMIT	2025.03.10
5	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT

PROJECT

ST. KATERI TEKAKWITHA C.E.S.

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE


SECTIONS AND DETAILS

WALTERFEDY

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DATE:	2023-02-28	S502
PROJECT NO:	2023-0753-10	
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CHECKED BY:	PF/MC	

PLUMBING LEGEND	
	EXISTING COLD WATER TO REMAIN
	COLD WATER
	EXISTING COLD SOFT WATER TO REMAIN
	COLD SOFT WATER
	EXISTING HOT WATER TO REMAIN
	HOT WATER
	EXISTING HOT WATER RECIRC. TO REMAIN
	HOT WATER RECIRC.
	EXISTING SANITARY BELOW TO REMAIN
	SANITARY BELOW
	EXISTING SANITARY IN CEILING TO REMAIN
	SANITARY IN CEILING
	EXISTING STORM BELOW TO REMAIN
	STORM BELOW
	EXISTING STORM IN CEILING TO REMAIN
	STORM IN CEILING
	EXISTING GAS PIPING TO REMAIN
	GAS PIPING
	EXISTING TO BE REMOVED
	LAVATORY
	WC
	U
	SH
	S
	SS
	DF
	EEW
	FD
	FFD
	HD
	RD
	RWL
	CO
	TD
	SHUT-OFF VALVE
	INLINE PUMP
	FLOOR CLEAN OUTS
	CEILING CLEAN OUT
	RUNNING TRAP
	CAP
	PIPING UP
	PIPING DOWN
	FLOOR DRAIN
	HOSE BIBB
	NON FREEZE HOSE BIBB
	FLOW ARROW
	SIAMESE CONNECTION
	EXISTING
	CONNECT TO EXISTING

HVAC LEGEND	
	SUPPLY OR OUTDOOR AIR DUCTWORK
	RETURN OR EXHAUST AIR DUCTWORK
	LOW VELOCITY ACOUSTIC INSULATION
	TURNING VANES
	FLEXIBLE DUCT
	EXISTING EQUIPMENT/DUCTWORK TO REMAIN
	EQUIPMENT/DUCTWORK
	EXISTING TO BE REMOVED
	F.O.
	S/A
	R/A
	O/A
	E/A
	MANUAL BALANCING DAMPER
	BACK DRAFT DAMPER
	BLAST GATE DAMPER
	MOTORIZED DAMPER
	OPPOSED BLADE VOLUME CONTROL DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	FIRE/SMOKE DAMPER
	GRILLE, REGISTER OR DIFFUSER
	TYPE TAG, AIR FLOW, AND DUCT CONNECTION SIZE
	SUPPLY AIR GRILLE OR DIFFUSER
	RETURN OR EXHAUST AIR GRILLE
	OFFSET DUCTWORK UP
	OFFSET DUCTWORK DOWN
	AIR FLOW MEASURING STATION
	DOOR GRILLE
	UNDERCUT
	TRANSFER DUCT
	ACCESS DOOR
	EXISTING
	CONNECT TO EXISTING

SUPPLY DIFFUSER SCHEDULE					
TAG	MANUFACTURER	MODEL	MOUNTING	OVERALL SIZE (LxW)	REMARKS
S1	PRICE	SPD	T-BAR	610x610	STEEL CONSTRUCTION, ROUND NECK, SQUARE PLAQUE FACE
S2	PRICE	500-600 SERIES	T-BAR	250x150	STEEL LOUVRED GRILLE, DOUBLE DEFLECTION

RETURN GRILLE SCHEDULE					
TAG	MANUFACTURER	MODEL	SIZE (LxW)	MOUNTING	REMARKS
R1	PRICE	80	200x610	T-BAR	EGG CRATE RETURN GRILLE WITH 0 Deg. DEFLECTION 12mm-1/2 in. GRID SPACING
R2	PRICE	80	100x610	T-BAR	EGG CRATE RETURN GRILLE WITH 0 Deg. DEFLECTION 12mm-1/2 in. GRID SPACING
R3	PRICE	80	200x200	T-BAR	EGG CRATE RETURN GRILLE WITH 0 Deg. DEFLECTION 12mm-1/2 in. GRID SPACING

EXHAUST GRILLE SCHEDULE					
TAG	MANUFACTURER	MODEL	SIZE (LxW)	MOUNTING	REMARKS
E1	PRICE	530	200x200	DRYWALL/OPEN CEILING	LOUVRED EXHAUST GRILLE WITH 45 Deg. DEFLECTION 19mm-3/4 in. BLADE SPACING

VAV BOX SCHEDULE												
TAG #	MANUFACTURER	MODEL	AREA SERVED	NECK SIZE	AIR FLOW	AIR FLOW MAX.	AIR FLOW MIN.	DIMENSIONS			REMARKS	
VAV-1	PRICE	SDV 10	CLASSROOM 233	250	540 L/s	850 L/s	99 L/s	511	476	318	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-2	PRICE	SDV 10	CLASSROOM 231	250	540 L/s	850 L/s	99 L/s	511	476	318	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-3	PRICE	SDV 10	CLASSROOM 229	250	540 L/s	850 L/s	99 L/s	511	476	318	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-4	PRICE	SDV 10	CLASSROOM 227	250	540 L/s	850 L/s	99 L/s	511	476	318	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-5	PRICE	SDV 8	STAFF/ TEACHER WORK ROOM 228	200	350 L/s	519 L/s	59 L/s	511	425	254	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-6	PRICE	SDV 4	MEETING ROOM 230	100	150 L/s	189 L/s	21 L/s	562	425	203	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-7	PRICE	SDV 4	OFFICE 250A	100	50 L/s	189 L/s	21 L/s	562	425	203	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-8	PRICE	SDV 8	CLASSROOM 210	200	600 L/s	519 L/s	59 L/s	511	425	254	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	
VAV-9	PRICE	SDV 8	CLASSROOM 208	200	600 L/s	519 L/s	59 L/s	511	425	254	24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM.	

WATER CLOSET SCHEDULE							
TAG #	MANUFACTURER	MODEL	FLUSHING ACTION	SEAT	ACCESSORIES	SUPPORT	REMARKS
WC-1	AMERICAN STANDARD	MADERA 3461001.020	SLOAN SL-ROYAL 111-1.28	CENTOCO, 500STSCCFE-001, LESS COVER	-	FLOOR MOUNTED	WHITE VITREOUS CHINA, EVERCLEAN ANTIMICROBIAL SURFACE, ELONGATED BOWL.
WC-2	AMERICAN STANDARD	MADERA 3461001.020	SLOAN SL-ROYAL 111-1.28	CENTOCO, 500STSCCFE-001, LESS COVER	FRANKE CM-16104-WM BACKREST	FLOOR MOUNTED	WHITE VITREOUS CHINA,SIPHON JET, EVERCLEAN ANTIMICROBIAL SURFACE, ELONGATED BOWL. BARRIER FREE MOUNTING INCLUDING BACKREST.

LAVATORY SCHEDULE											
TAG #	MANUFACTURER	MODEL	HEIGHT	LENGTH	WIDTH	TRIM	SUPPLY	SHROUD	TRAP	SUPPORT	REMARKS
L-1	AMERICAN STANDARD	MURRO 0954.004EC	0	520	540	CHICAGO 802-VXKABCP	McGUIRE H165LKNS 0059.020EC	AMERICAN STANDARD 0059.020EC	McGUIRE 8872C	WALL MOUNTED, SMITH 0700	102mm FIXED CENTRES, HOT AND COLD WATER FAUCET, C/W SOLID BRASS BODY THERMOSTATIC MIXING VALVE SET TO 110°F
L-2	AMERICAN STANDARD	MURRO 0954.004EC	0	520	540	CHICAGO 802-VXKABCP	McGUIRE H165LKNS 0059.020EC	AMERICAN STANDARD 0059.020EC	McGUIRE 8872C	WALL MOUNTED, SERIES 0700-Z-M	102mm FIXED CENTRES, HOT AND COLD WATER FAUCET, C/W SOLID BRASS BODY THERMOSTATIC MIXING VALVE SET TO 110°F. BARRIER FREE.

URINAL SCHEDULE					
TAG #	MANUFACTURER	MODEL	FLUSHING ACTION	SUPPORT	REMARKS
U-1	AMERICAN STANDARD	DECORUM, 6042001EC.20	AMERICAN STANDARD, 6145013.002	WATTS CA-321	WALL HUNG, MANUAL FLUSH VALVE URINAL, 0.5 GPF WASH/OUT FLUSH ACTION.

EMERGENCY EYE WASH AND SHOWER SCHEDULE							
TAG #	FIXTURE TYPE	MANUFACTURER	MODEL	HEADS	VALVE	MOUNTING	REMARKS
EEW-1	Emergency Eye Wash	HAWS	8905 WITH SP212	AXION MSR	CHROME PLATED BRASS STAY OPEN SQUEEZE LEVER VALVE	WALL MOUNTED	EMERGENCY SIGN, TWIN AERATOR, FLOW CONTROL, VACUUM BREAKER, SAFETY HOSE, TEMPERED WATER. EMERGENCY SIGN, TWIN AERATOR, FLOW CONTROL, VACUUM BREAKER, SAFETY HOSE, TEMPERED WATER WIXING VALVE.

SERVICE SINK SCHEDULE										
TAG #	MANUFACTURER	MODEL	HEIGHT	LENGTH	WIDTH	TRIM	RIM GUARD	TRAP	ACCESSORIES	REMARKS
SS-1	STERN WILLIAMS	SB-902	305	600	600	CHICAGO 897-CP	STAINLESS STEEL	P-TYPE	SILICONE SEALANT, DOUBLE SIDED STAINLESS STEEL CATCHER PANELS (BP), HOSE AND WALL HOOK (T-35), STAINLESS STEEL MOP HANGER (T-40), VACUUM BREAKER	WHITE PORTLAND CEMENT FINISH, MOUNT ON FLOOR

DRINKING FOUNTAIN SCHEDULE							
TAG #	MANUFACTURER	MODEL	LENGTH	WIDTH	HEIGHT	SUPPORT	REMARKS
DF-1	ELKAY	BHWM214C	502	492	518	ELKAY, MPW101	STAINLESS STEEL APRON, ACCESS PANEL, VANDAL RESISTANT BUBBLER

AHU SCHEDULE																								
TAG #	MANUFACTURER	MODEL	AREA SERVED	AIR FLOW	OUTDOOR AIR	ESP	FAN SECTION		ELECTRICAL			PRE FILTER	GAS BURNER				COOLING COIL						REMARKS	
							QUANTITY	POWER (EACH FAN)	V	Ph	Hz		TOTAL CAPACITY	GAS INPUT	EAT	LAT	TOTAL CAPACITY	SENSIBLE CAPACITY	EAT DB	EAT WB	LAT DB	LAT WB		MAXIMUM AIR PRESSURE DROP
HVAC-14	DAIKIN	DPSH15B	WEST	2718 L/s	1338 L/s	1.00 in-wg	1	5220 W	208	3	60	MERV 8/14	324000.0 Btu/h	189 L/s	38 °F	91 °F	185289.0 Btu/h	148681.0 Btu/h	83 °F	88 °F	57 °F	57 °F	0.45 in-wg	PACKAGED HEAT PUMP UNIT WITH GAS HEAT, CAPABLE OF 100% OUTSIDE AIR IN ECONOMIZER MODE.
HVAC-15	DAIKIN	DPSH07B	EAST	1321 L/s	396 L/s	0.75 in-wg	1	1790 W	208	3	60	MERV 8/14	162000.0 Btu/h	95 L/s	38 °F	91 °F	96281.0 Btu/h	70978.0 Btu/h	80 °F	66 °F	55 °F	54 °F	0.26 in-wg	PACKAGED HEAT PUMP UNIT WITH GAS HEAT, CAPABLE OF 100% OUTSIDE AIR IN ECONOMIZER MODE.

EXHAUST FAN SCHEDULE															
TAG #	MANUFACTURER	MODEL	SYSTEM	AIR FLOW	ESP	POWER	BRAKE POWER	DRIVE	ELECTRICAL			DIMENSIONS			REMARKS
									V	Ph	Hz	L	W	H	
EF-2	DELHI	MODEL 309	WASHROOMS/CHN AGE ROOMS	450 L/s	0.50 in-wg	0 W	142 W	DIRECT	115	1	60	483	483	432	EXISTING EXHAUST FAN TO BE RELOCATED.
EF-4	COOK	100C15DH	WASHROOM EXHAUST	260 L/s	0.50 in-wg	145 W	93 W	DIRECT	115	1	60	483	483	432	ROOF MOUNTED EXHAUST FAN C/W BACKDRAFT DAMPER AND BIRDSCREEN.

GENERAL DEMOLITION NOTES

- DRAWINGS ARE GENERALLY DIAGRAMATIC. CONTRACTOR IS RESPONSIBLE FOR LAYING OUT MATERIAL IN CONJUNCTION WITH THE INTENT OF THESE DRAWINGS.
- DRAWINGS ARE TO BE INTERPRETED IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS AND SPECIFICATIONS.
- SYSTEMS CONNECT TO EXISTING SERVICES. ALLOW FOR ADDITIONAL FITTINGS AND OFFSETS AS REQUIRED IN ORDER TO CONNECT TO EXISTING. ALSO, ALLOW FOR ADDITIONAL LABOUR AND MATERIAL IN ORDER TO ADJUST DESIGNS TO AVOID INTERFERENCE WITH EXISTING SERVICES.
- TEMPORARY MEASURES SHALL BE DONE IN ORDER TO MAINTAIN SERVICES TO ALL OCCUPIED PORTIONS OF THE BUILDING DURING CONSTRUCTION. COORDINATE WITH THE OWNER FOR ANY REQUIRED SHUT-DOWNS, WHICH SHALL BE AFTER-HOURS OR WEEKENDS. PROVIDE TEMPORARY MATERIALS TO ALLOW FOR SWITCH-OVERS OR SHUT-DOWNS; TEMPORARY SERVICES MATERIAL AND INSTALLATION SHALL MEET THE SPECIFICATIONS UNLESS SPECIFICALLY APPROVED BY THE CONSULTANT.
- CONTRACTOR IS TO REVIEW EXISTING EQUIPMENT CONNECTIONS AND LAYOUT BEFORE DEMOLITION. ANY EQUIPMENT TO BE RE-INSTALLED SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS AND APPLICABLE CODES.
- CONTRACTOR TO ASSESS CONDITION OF EXISTING DUCTWORK PRIOR TO CONNECTIONS/MODIFICATIONS FOR SUITABILITY OF RE-USE. ANY DAMAGES TO DUCTWORK TO BE REPORTED TO CONSULTANT/ARCHITECT.

GENERAL DRAWING NOTES

- DRAWINGS ARE GENERALLY DIAGRAMATIC. CONTRACTOR IS RESPONSIBLE FOR LAYING OUT MATERIAL IN CONJUNCTION WITH THE INTENT OF THESE DRAWINGS.
- DRAWINGS ARE TO BE INTERPRETED IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS AND SPECIFICATIONS.
- SYSTEMS CONNECT TO EXISTING SERVICES. ALLOW FOR ADDITIONAL FITTINGS AND OFFSETS AS REQUIRED IN ORDER TO CONNECT TO EXISTING. ALSO, ALLOW FOR ADDITIONAL LABOUR AND MATERIAL IN ORDER TO ADJUST DESIGNS TO AVOID INTERFERENCE WITH EXISTING SERVICES.
- TEMPORARY MEASURES SHALL BE DONE IN ORDER TO MAINTAIN SERVICES TO ALL OCCUPIED PORTIONS OF THE BUILDING DURING CONSTRUCTION. COORDINATE WITH THE OWNER FOR ANY REQUIRED SHUT-DOWNS, WHICH SHALL BE AFTER-HOURS OR WEEKENDS. PROVIDE TEMPORARY MATERIALS TO ALLOW FOR SWITCH-OVERS OR SHUT-DOWNS; TEMPORARY SERVICES MATERIAL AND INSTALLATION SHALL MEET THE SPECIFICATIONS UNLESS SPECIFICALLY APPROVED BY THE CONSULTANT.
- WHERE DUCTWORK MODIFICATIONS ARE REQUIRED AND IMPACT EXISTING SYSTEMS, SYSTEMS ARE TO BE RE-BALANCED AS NOTED, WHERE AND IF REQUIRED DRIVES AND SHEAVES ARE TO BE REPLACED AS REQUIRED BY THE BALANCING CONTRACTOR.
- DUCT ELBOWS TO BE FULL RADIUS OR WITH TURNING VANES. REFER TO SPECIFICATIONS.
- DUCT TO DIFFUSER SHALL MATCH DIFFUSER NECK SIZE, UNLESS NOTED OTHERWISE.
- FOR FLEXIBLE DUCTWORK TO CEILING MOUNTED DIFFUSER, REFER TO TYPICAL DIFFUSER DUCTING DETAIL.
- CONTRACTOR IS TO REVIEW EXISTING EQUIPMENT CONNECTIONS AND LAYOUT BEFORE DEMOLITION. ANY EQUIPMENT TO BE RE-INSTALLED SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS AND APPLICABLE CODES.
- 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.
- RELOCATE OR REROUTE EXISTING MECHANICAL EQUIPMENT AS REQUIRED TO ACCOMMODATE THE SCOPE OF NEW WORK.
- FIRE DAMPERS ARE REQUIRED TO BE INSTALLED ON NEW AND EXISTING DUCTS PASSING THROUGH RATED WALLS, CEILING AND FLOORS.
- RUN PIPING AND DUCTWORK IN CEILING SPACE UNLESS OTHERWISE NOTED.
- RUN DUCTWORK BETWEEN AND THROUGH JOISTS AS REQUIRED TO MAINTAIN EXISTING CEILING HEIGHTS. MODIFY/RE-INSTALL EXISTING JOIST BRIDGING AS REQUIRED.
- REMOVE AND REINSTALL EXISTING CEILINGS AS REQUIRED TO COMPLETE DEMOLITION AND NEW INSTALLATIONS.
- ALL MATERIALS WITHIN RETURN AIR PLENUMS SHALL HAVE A FLAME-SPREAD RATING NOT MORE THAN 25 AND A SMOKE DEVELOPED CLASSIFICATION NOT MORE THAN 50.
- CONTRACTOR TO ASSESS CONDITION OF EXISTING DUCTWORK PRIOR TO CONNECTIONS/MODIFICATIONS FOR SUITABILITY OF RE-USE. ANY DAMAGES TO DUCTWORK TO BE REPORTED TO CONSULTANT/ARCHITECT.
- COORDINATE LOCATION OF ACCESS DOORS IN GWB CEILINGS WITH OTHER TRADES. PROVIDE REFLECTED CEILING PLAN INDICATING LOCATIONS OF ALL ACCESS DOORS FOR APPROVAL PRIOR TO FINAL INSTALLATION.

DRAWING LIST

MECHANICAL	
M001	LEGEND, SCHEDULES AND DRAWING LIST
MD01	PARTIAL GROUND FLOOR PLAN - DEMOLITION PLUMBING LAYOUT
MD02	PARTIAL GROUND FLOOR PLAN - DEMOLITION HVAC LAYOUT
MD03	PARTIAL ROOF PLAN - DEMOLITION MECHANICAL LAYOUT
M201	PARTIAL GROUND FLOOR PLAN - PLUMBING LAYOUT
M202	PARTIAL SECOND FLOOR PLAN - PLUMBING LAYOUT
M301	PARTIAL GROUND FLOOR PLAN - HVAC LAYOUT
M302	PARTIAL SECOND FLOOR PLAN - HVAC LAYOUT
M303	PARTIAL ROOF PLAN - MECHANICAL LAYOUT
M601	MECHANICAL DETAILS
FIRE PROTECTION	
F101	PARTIAL GROUND FLOOR PLAN - FIRE PROTECTION PLAN
F102	PARTIAL SECOND FLOOR PLAN - FIRE PROTECTION PLAN



KEYPLAN

No.	ISSUANCE	DATE
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2	ISSUED FOR PERMIT	2024.12.03
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4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

LEGEND, SCHEDULES AND DRAWING LIST

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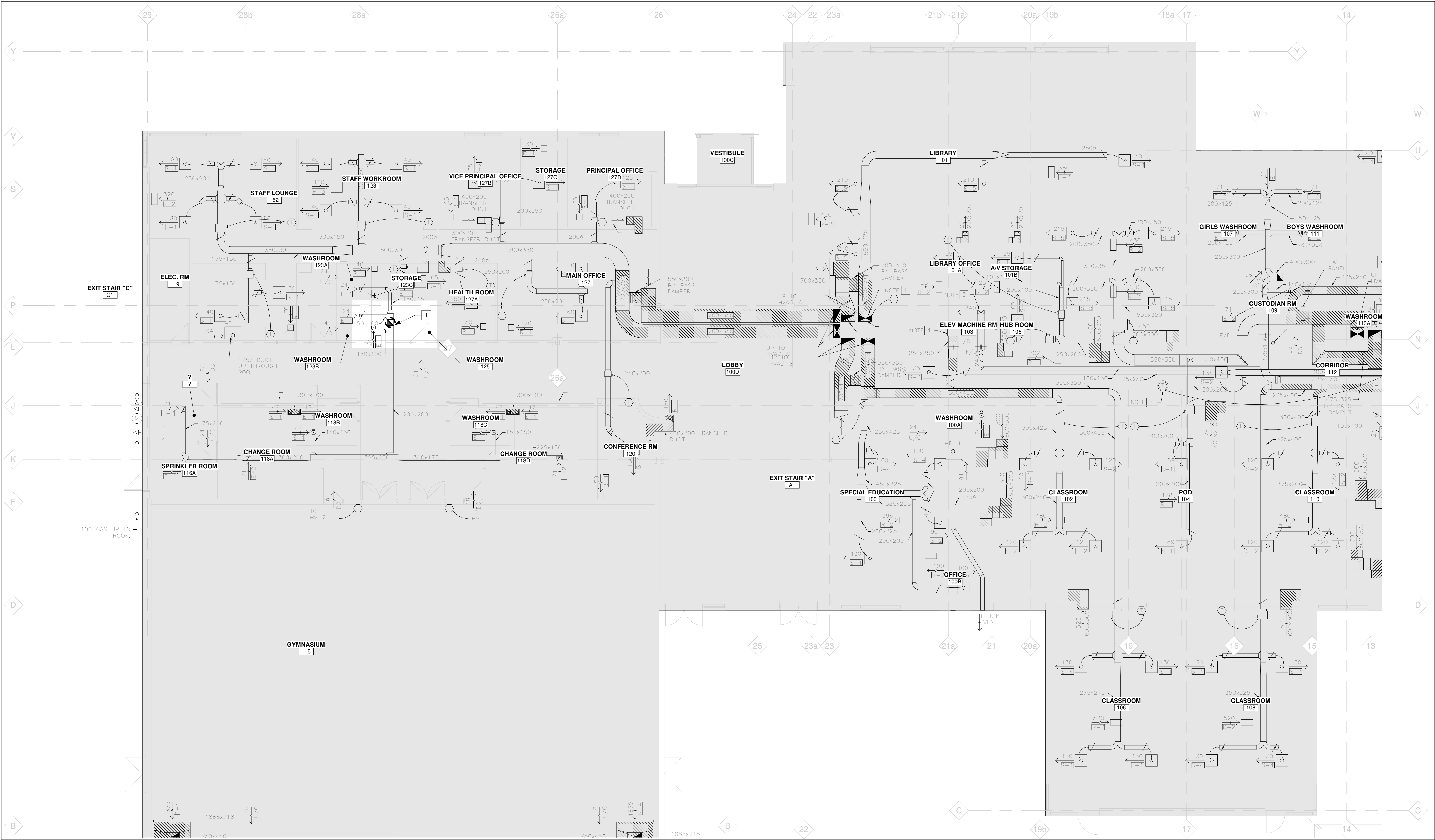
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M001



MD01



1 PARTIAL FIRST FLOOR PLAN - DEMOLITION HVAC LAYOUT
MD02 Scale: 1 : 100

- DEMOLITION NOTES**
- 1 EXISTING VERTICAL EXHAUST DUCT TO BE DISCONNECTED AND REMOVED COMPLETELY. REWORK AS INDICATED ON NEW WORK PLAN.



KEYPLAN

- EXTENT OF ADDITION

TRUE NORTH PROJECT NORTH

No.	ISSUANCE	DATE
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DURHAM CATHOLIC DISTRICT SCHOOL BOARD

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL GROUND FLOOR PLAN - DEMOLITION HVAC LAYOUT

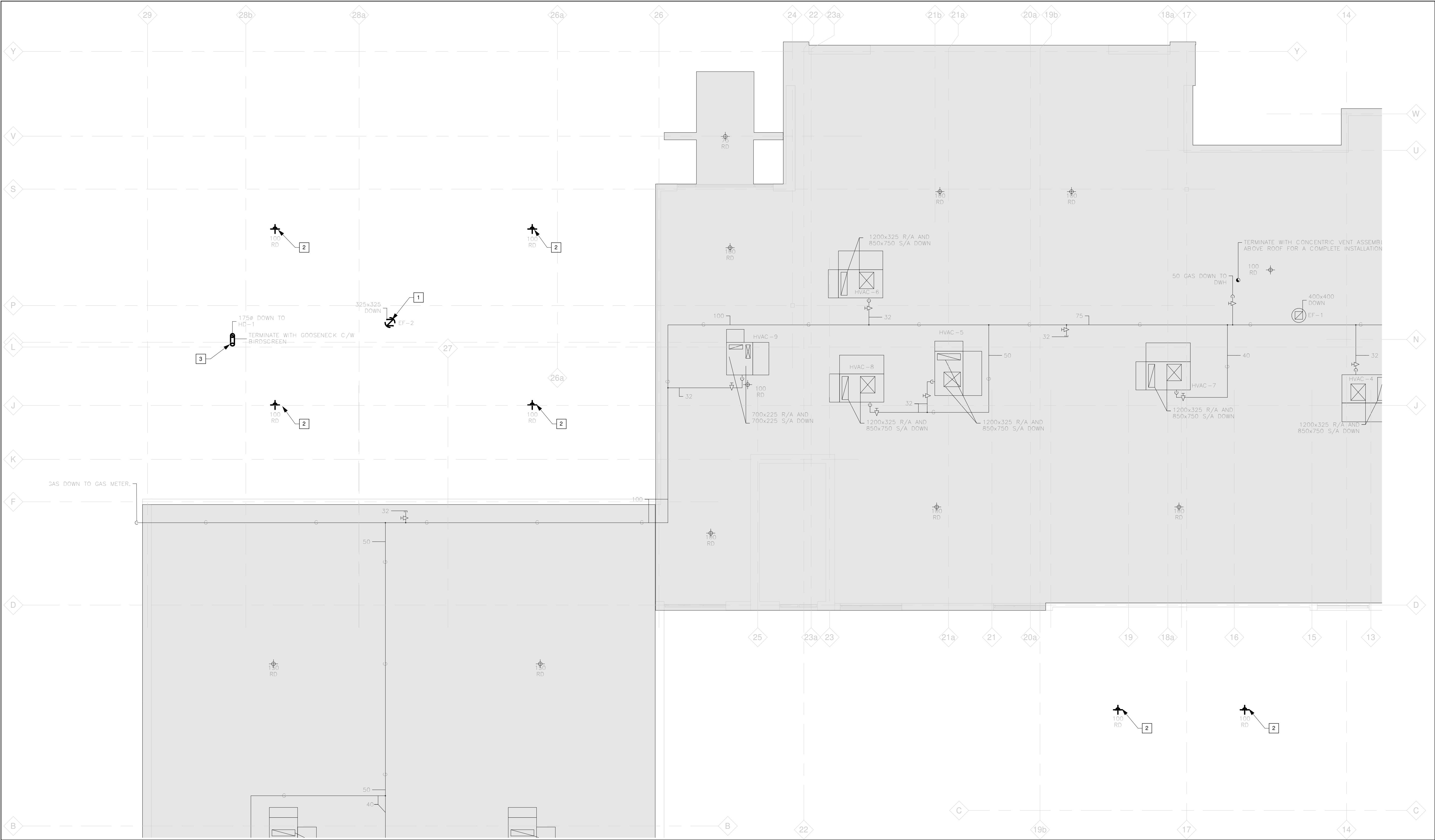
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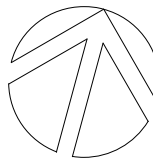
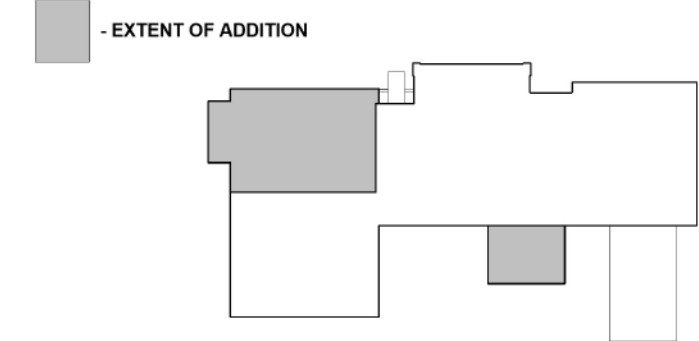
1 PARTIAL ROOF FLOOR PLAN - DEMOLITION MECHANICAL LAYOUT
MD03 Scale: 1 : 100

DEMOLITION NOTES

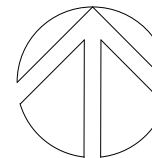
- EXISTING EF-2 TO BE DISCONNECTED AND SET ASIDE FOR FUTURE RELOCATION REFER TO NEW WORK PLAN FOR EF-2 LOCATION.
- EXISTING ROOF DRAIN TO BE DISCONNECTED AND REMOVED COMPLETELY.
- EXISTING GOOSENECK TO BE DISCONNECTED AND REMOVED COMPLETELY.



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**DURHAM CATHOLIC DISTRICT
SCHOOL BOARD**

PROJECT
**ST. KATERI TEKAKWITHA C.E.S.
ADDITION**
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
**PARTIAL ROOF PLAN -
DEMOLITION MECHANICAL
LAYOUT**

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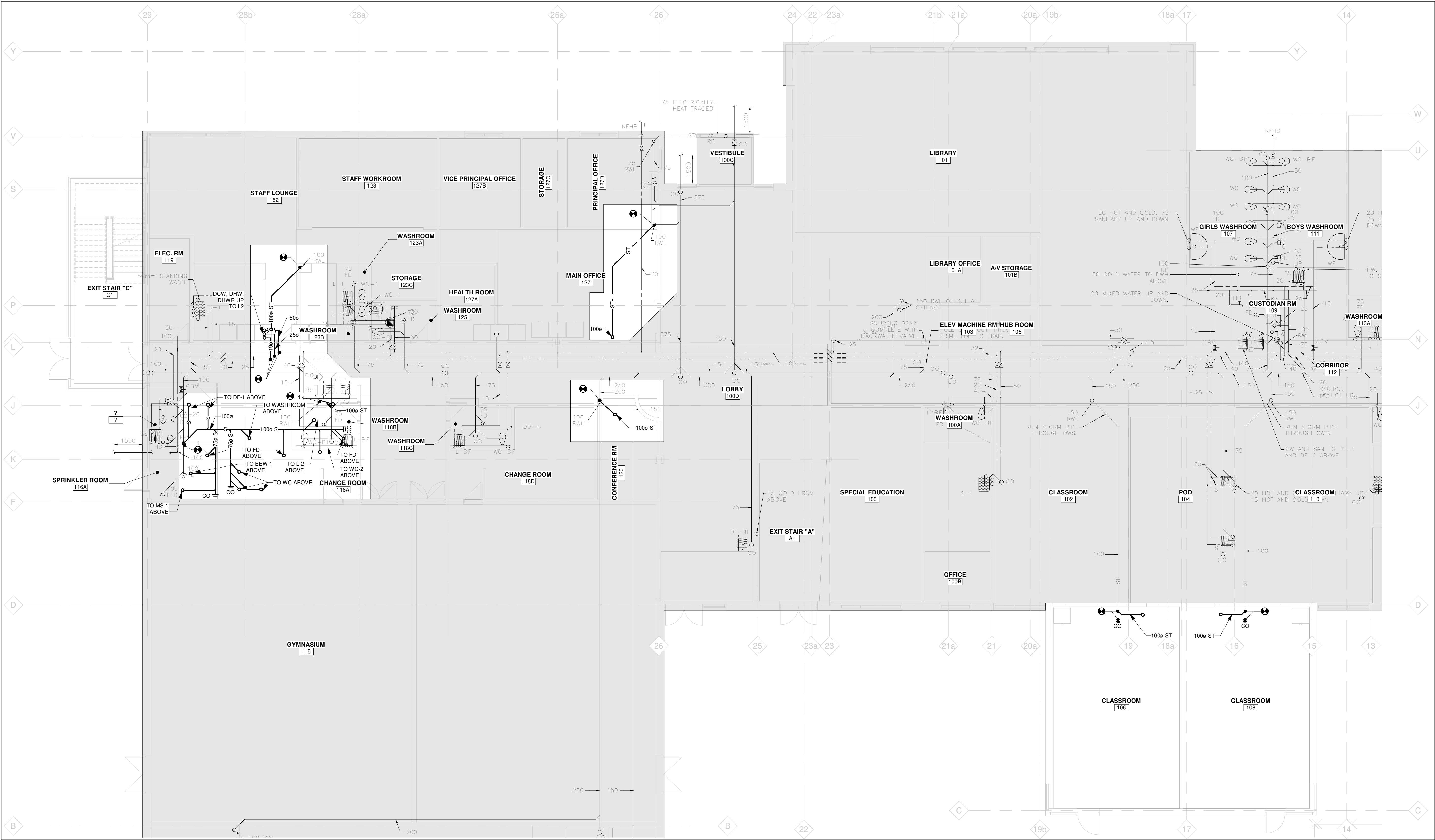
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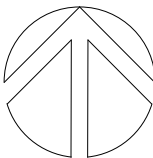
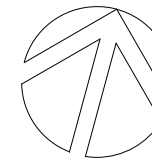
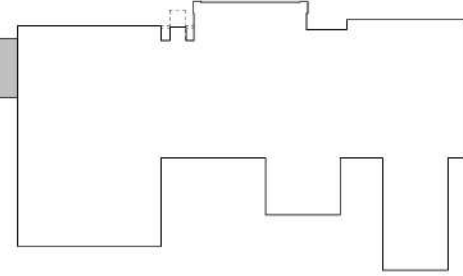


1 PARTIAL GROUND FLOOR PLAN - PLUMBING LAYOUT
M201 Scale: 1 : 100



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- EXTENT OF ADDITION



TRUE NORTH

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PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

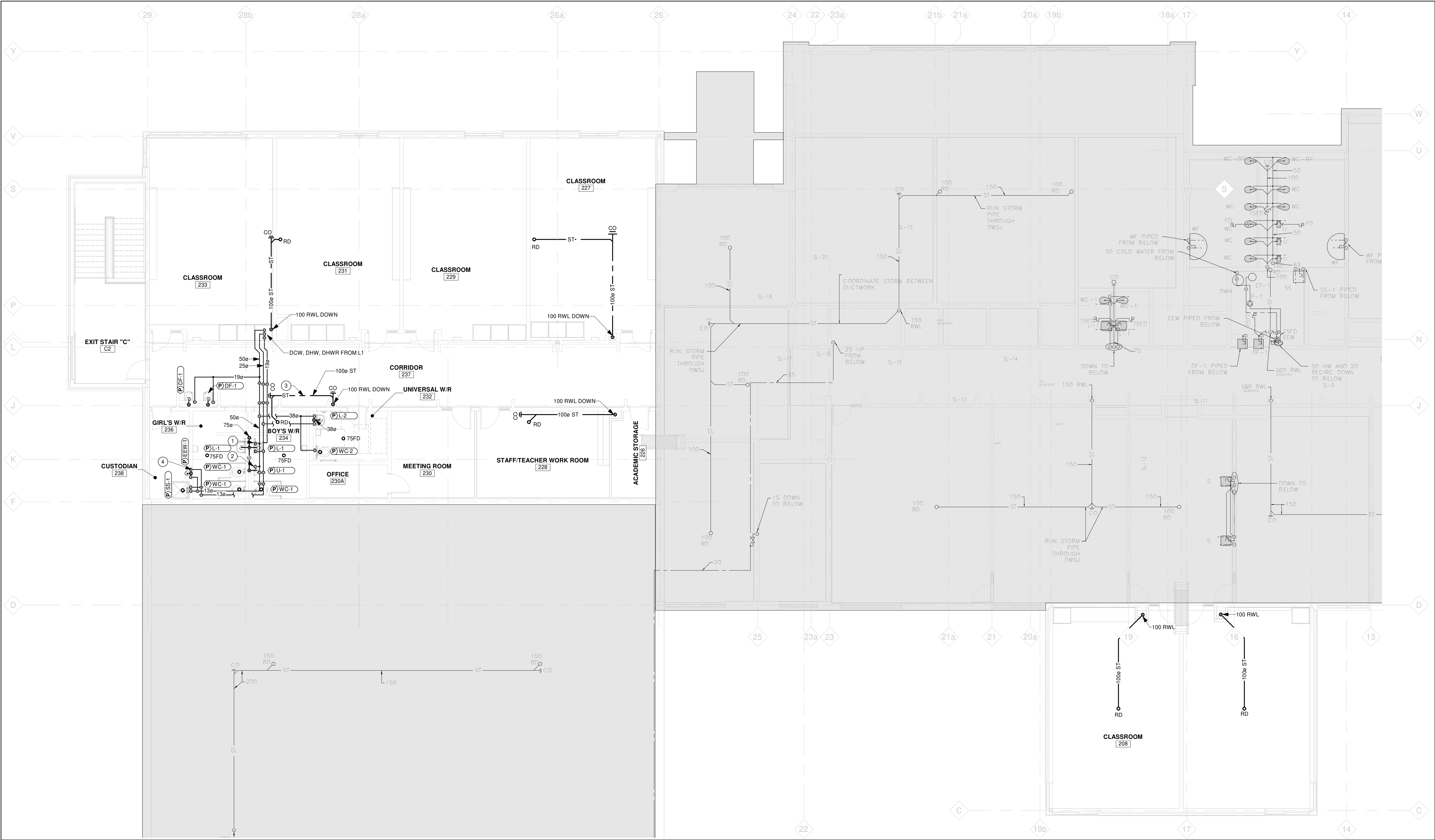
TITLE
PARTIAL GROUND FLOOR PLAN - PLUMBING LAYOUT

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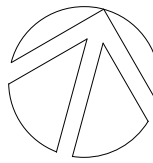
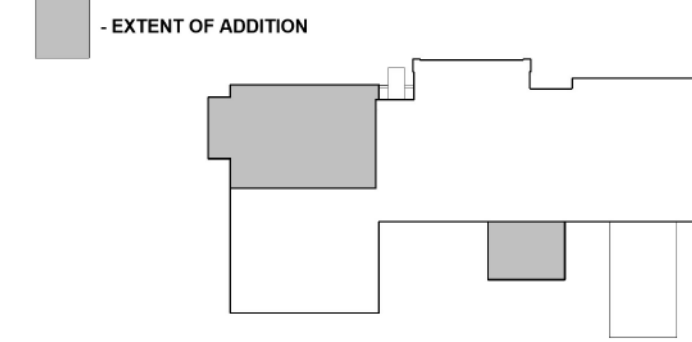


1 PARTIAL SECOND FLOOR PLAN - PLUMBING LAYOUT
M202 Scale: 1 : 100

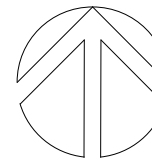
- DRAWING NOTES**
- 13mm DOMESTIC HOT AND COLD WATER PIPES SERVING TWO(2) L-1 SINKS. RUN 13mm DOMESTIC HOT AND COLD WATER LINES IN WALL TO EACH FIXTURE.
 - 50mm DOMESTIC COLD WATER PIPE SERVING THREE (3) WATER CLOSETS AND ONE (1) URINAL. RUN 25mm DOMESTIC COLD WATER LINES IN WALL TO EACH FIXTURE.
 - NOTED PIPING TO RUN IN WEBBING OF JOISTS. COORDINATE EXACT LOCATION ON SITE.
 - MOUNT THERMOSTATIC MIXING VALVE ON WALL ABOVE EYE WASH. COORDINATE EXACT LOCATION ON SITE.



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CLIENT
DURHAM CATHOLIC DISTRICT SCHOOL BOARD

PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
PARTIAL SECOND FLOOR PLAN - PLUMBING LAYOUT

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<div>- EXTENT OF ADDITION</div>		
<div>TRUE NORTHPROJECT NORTH</div>		
No.	ISSUANCE	DATE
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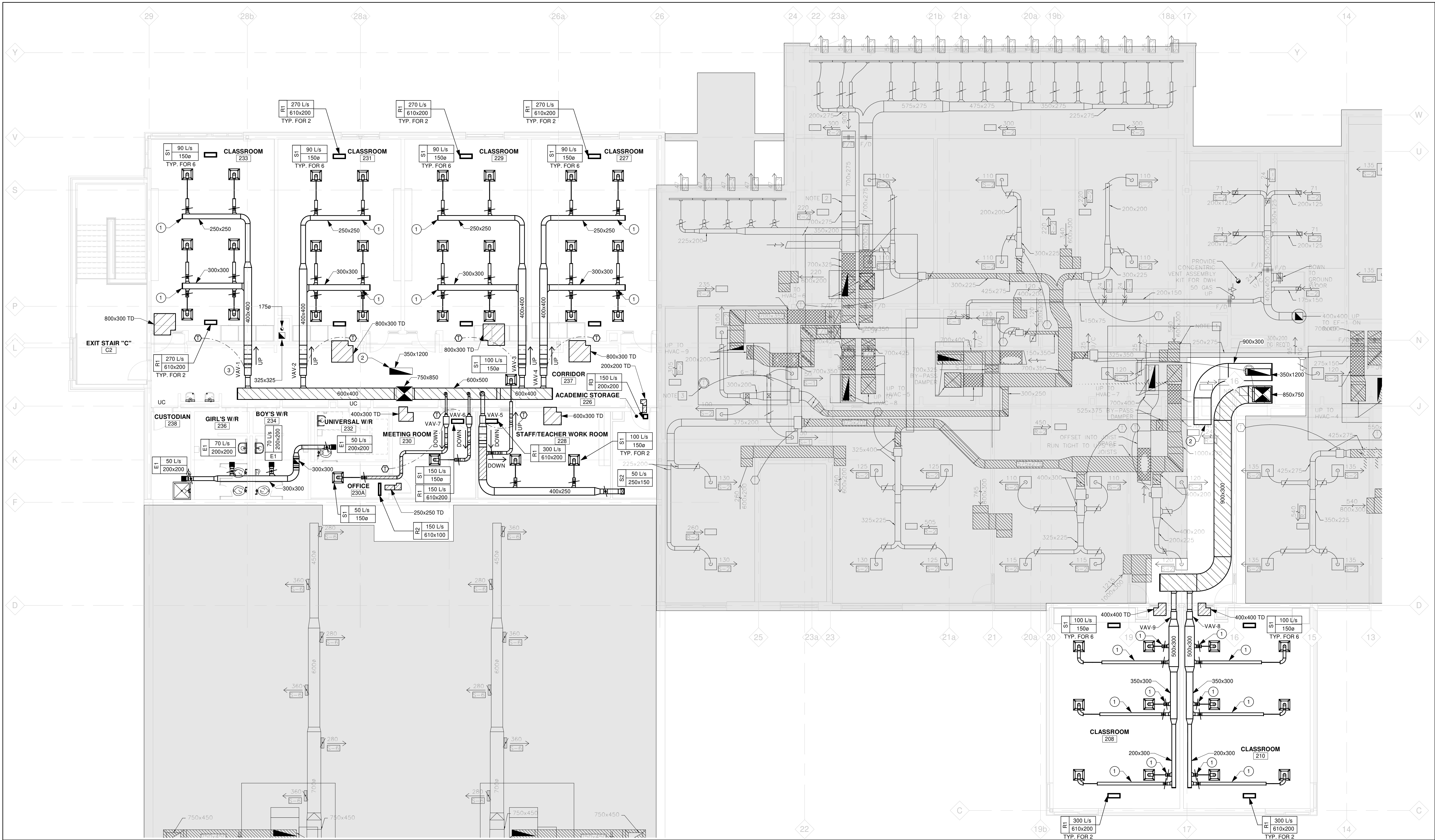
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PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE
PARTIAL GROUND FLOOR PLAN - HVAC LAYOUT

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SEAL	
<div>Licensed Professional Engineer A.W. PORTENGEN 1002167997 May 09, 2025 PROVINCE OF ONTARIO</div>	
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1 PARTIAL SECOND FLOOR PLAN - HVAC LAYOUT
M302 Scale: 1 : 100

- DRAWING NOTES**
- NOTED DUCT TO RUN IN WEBBING OF JOISTS. COORDINATE EXACT LOCATION ON SITE.
 - TERMINATE NOTED RETURN AIR DUCT OPEN ENDED IN CEILING SPACE.
 - PROVIDE VAV BOXES WITH 24 VAC FACTORY INSTALLED CONTROLS. DAISY CHAIN POWER FROM TRANSFORMER BY ELECTRICAL ACCORDING TO IOM. FOR THERMOSTAT INSTALLATION DETAIL REFER TO ARCHITECTURAL (TYP.)

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

KEYPLAN

■ - EXTENT OF ADDITION

TRUE NORTH PROJECT NORTH

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DURHAM CATHOLIC DISTRICT SCHOOL BOARD

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL SECOND FLOOR PLAN - HVAC LAYOUT

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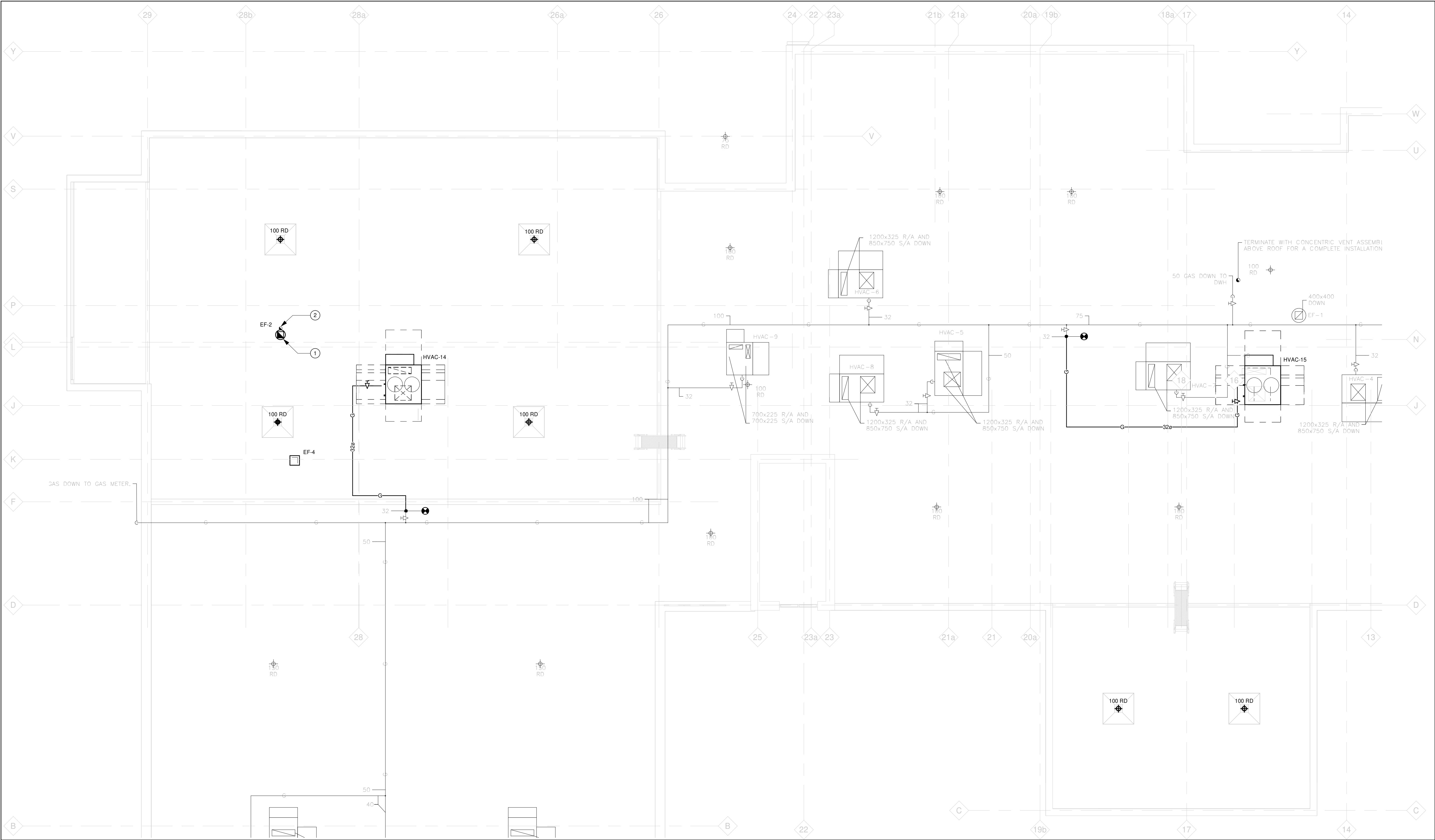
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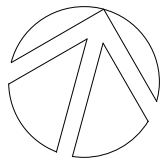
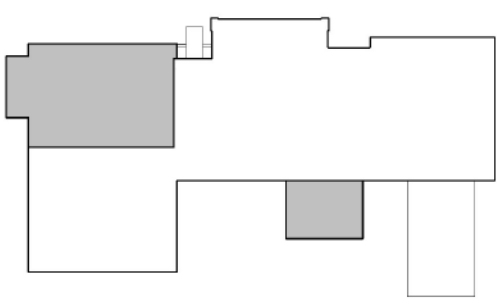
1 PARTIAL ROOF FLOOR PLAN - MECHANICAL LAYOUT
M303 Scale: 1 : 100

- DRAWING NOTES**
- RE-INSTALL EXISTING EF-2 IN THIS NOTED LOCATION.
 - TERMINATE WITH GOOSENECK AND BIRDSCREEN

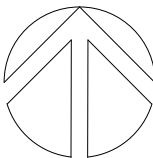


KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH



PROJECT NORTH

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CLIENT
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PROJECT
ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

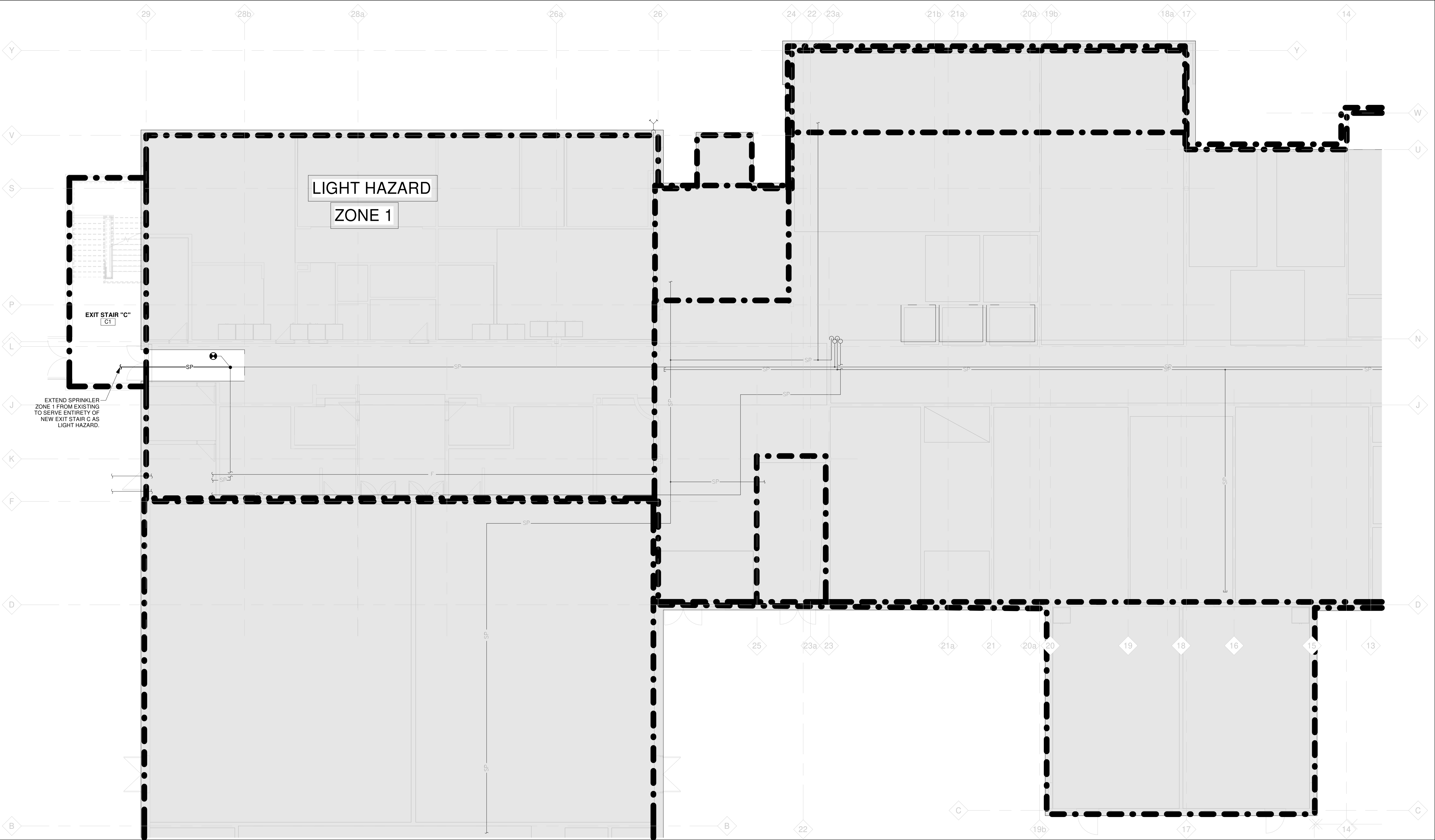
TITLE
PARTIAL ROOF PLAN - MECHANICAL LAYOUT

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1 PARTIAL GROUND FLOOR PLAN - FIRE PROTECTION LAYOUT
F101 Scale: 1 : 100

SPRINKLER LEGEND	
SP	EXISTING SPRINKLER PIPING TO REMAIN
SP	SPRINKLER PIPING
F	EXISTING STAND PIPE PIPING TO REMAIN
F	STAND PIPE PIPING
	EXISTING EQUIPMENT TO REMAIN
	EQUIPMENT
	SPRINKLER ZONE
	HAZARD CHANGE
	EXISTING TO BE REMOVED
CAP	CAP
(E)	EXISTING
	CONNECT TO EXISTING

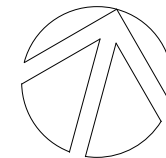
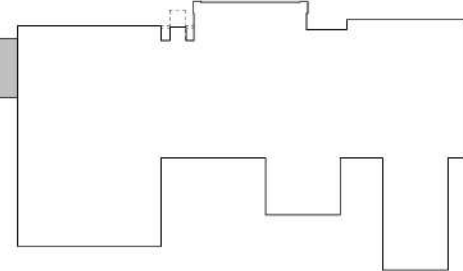
GENERAL FIRE PROTECTION NOTES

- PROVIDE A COMPLETE SYSTEM OF FIRE SUPPRESSION, AS INDICATED IN THESE DOCUMENTS.
- THE DOCUMENTS PROVIDE A REPRESENTATIVE VIEW OF SYSTEMS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR SPATIAL COORDINATION WITH ALL OTHER BUILDING SYSTEMS. PROVIDE ONLY NEW, COMMERCIAL GRADE EQUIPMENT AND COMPONENTS FOR ALL SYSTEMS.
- ALL SYSTEMS AND EQUIPMENT SHALL COMPLY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION (E.G. BUILDING CODE, CSA, ULC, ETL, NFPA) AND SHALL BE PROVIDED NEW FOR THIS PROJECT.
- PROVIDE THE DESIGN, PROFESSIONALLY STAMPED DRAWINGS AND HYDRAULIC CALCULATIONS, AND INSTALLATION OF FIRE SUPPRESSION SYSTEMS, IN FULL CODE COMPLIANCE.
- PROVIDE STAMPED DESIGN/CONSTRUCTION DRAWINGS AND SHOP DRAWINGS FOR MAJOR COMPONENTS AND ALL EQUIPMENT.
- ALTERNATE EQUIPMENT SELECTED BY THE CONTRACTOR PLACES FULL RESPONSIBILITY ON THE CONTRACTOR TO REMEDY ANY SITE ISSUES CREATED BY THIS CHOICE.
- COORDINATE AND MINIMIZE ALL SERVICE INTERRUPTIONS NECESSARY TO COMPLETE THIS PROJECT.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL FIRE PROTECTION PIPING AND COORDINATING SPACE REQUIREMENTS WITH OTHER TRADES. PROTECT PIPING INSTALLED BY THIS CONTRACTOR TO MEET REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
- PROVIDE FIRE STOPPING AND IDENTIFICATION (LABELING AND/OR PAINTING) FOR ALL SYSTEMS.
- PROVIDE AUTOCAD AS-BUILT DRAWINGS, INDICATING ALL DEVIATIONS FROM CONSTRUCTION DRAWINGS, OPERATING & MAINTENANCE MANUALS, AND VERIFICATION REPORTS AT PROJECT COMPLETION.
- STARTUP, MONITOR, AND DOCUMENT PROPER OPERATION OF ALL EQUIPMENT AND SYSTEMS.
- PROVIDE A COMPLETE ONE YEAR WARRANTY ON THE ENTIRE PROJECT, COMMENCING AT SUBSTANTIAL COMPLETION.
- ALL MATERIALS WITHIN RETURN AIR PLENUMS SHALL HAVE A FLAME-SPREAD RATING NOT MORE THAN 25 AND A SMOKE DEVELOPMENT CLASSIFICATION NOT MORE THAN 50.

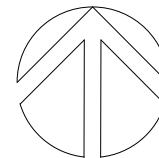


KEYPLAN

- EXTENT OF ADDITION



TRUE NORTH



PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR 100% OWNER REVIEW	2024.11.11
2	ISSUED FOR PERMIT	2024.12.03
3	RE-ISSUED FOR OWNER REVIEW	2025.01.31
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

PROJECT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL GROUND FLOOR PLAN
- FIRE PROTECTION PLAN

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL



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SCALE: As indicated

DATE: 2024.09.24

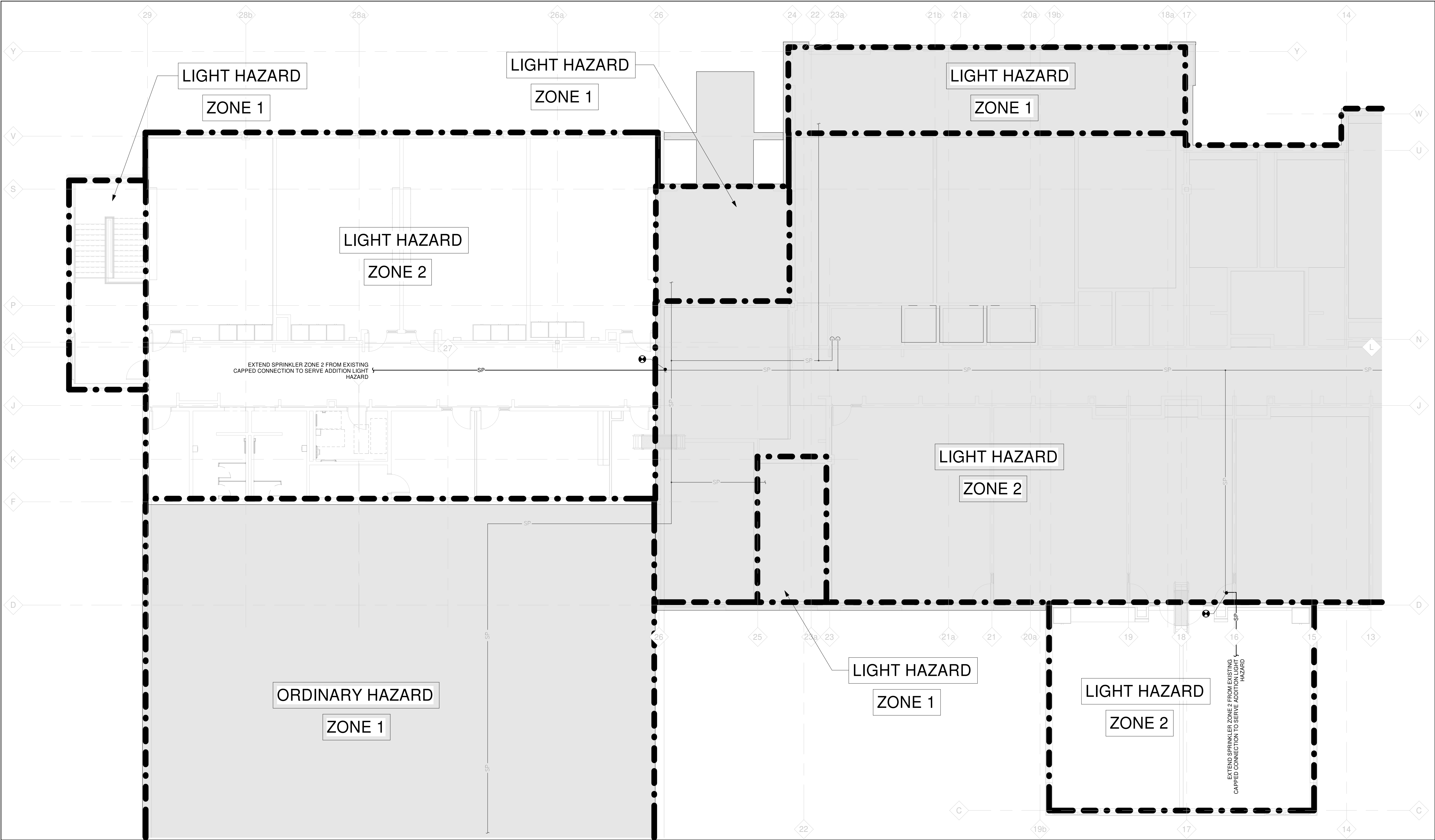
PROJECT NO: 2023-0753-10

DRAWN BY: DS


CHECKED BY: TO

SHEET NO:

F101

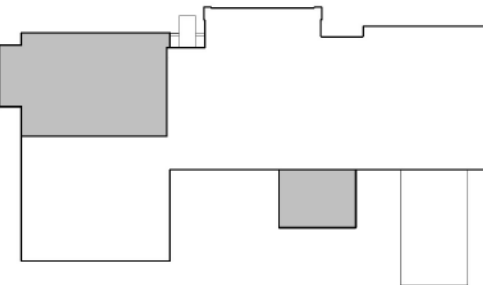


1 PARTIAL SECOND FLOOR PLAN - FIRE PROTECTION PLAN
F102 Scale: 1 : 100



KEYPLAN

■ - EXTENT OF ADDITION



TRUE NORTH PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR 100% OWNER REVIEW	2024.11.11
2	ISSUED FOR PERMIT	2024.12.03
3	RE-ISSUED FOR OWNER REVIEW	2025.01.31
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

PROJECT


ST. KATERI TEKAKWITHA C.E.S. ADDITION
1425 Coldstream Drive, Oshawa, ON L1K 0J6

TITLE

PARTIAL SECOND FLOOR PLAN - FIRE PROTECTION PLAN

WALTERFEDY
TORONTO | CALGARY | KITCHENER | HAMILTON
800.685.1378 walterfedy.com

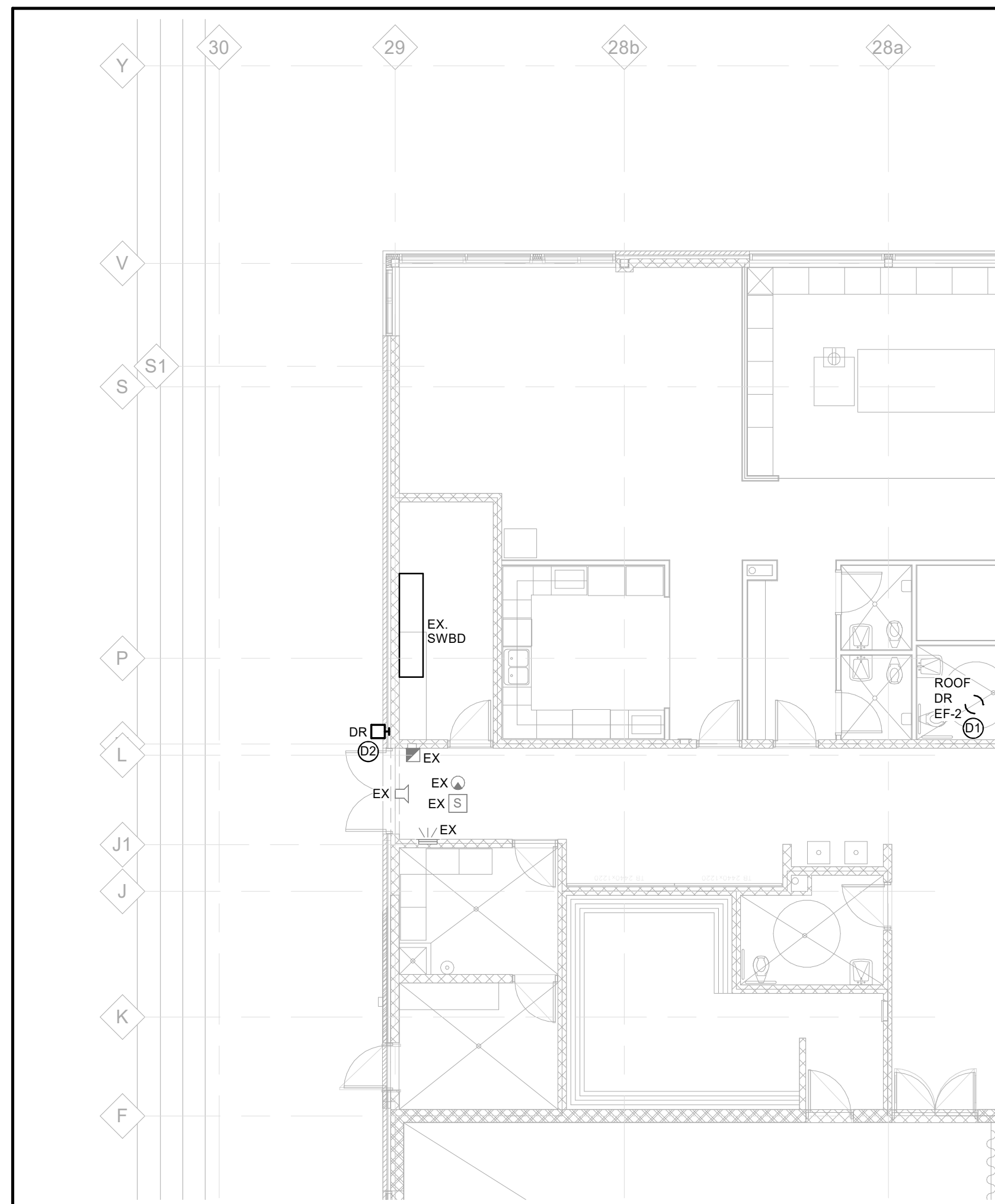
SEAL



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SCALE:	1 : 100	SHEET NO:
DATE:	2024.09.24	F102
PROJECT NO:	2023-0753-10	
DRAWN BY:	DS	
CHECKED BY:	TO	



1 GROUND FLOOR - DEMOLITION
E201 Scale: 1 : 100

DEMOLITION NOTES:

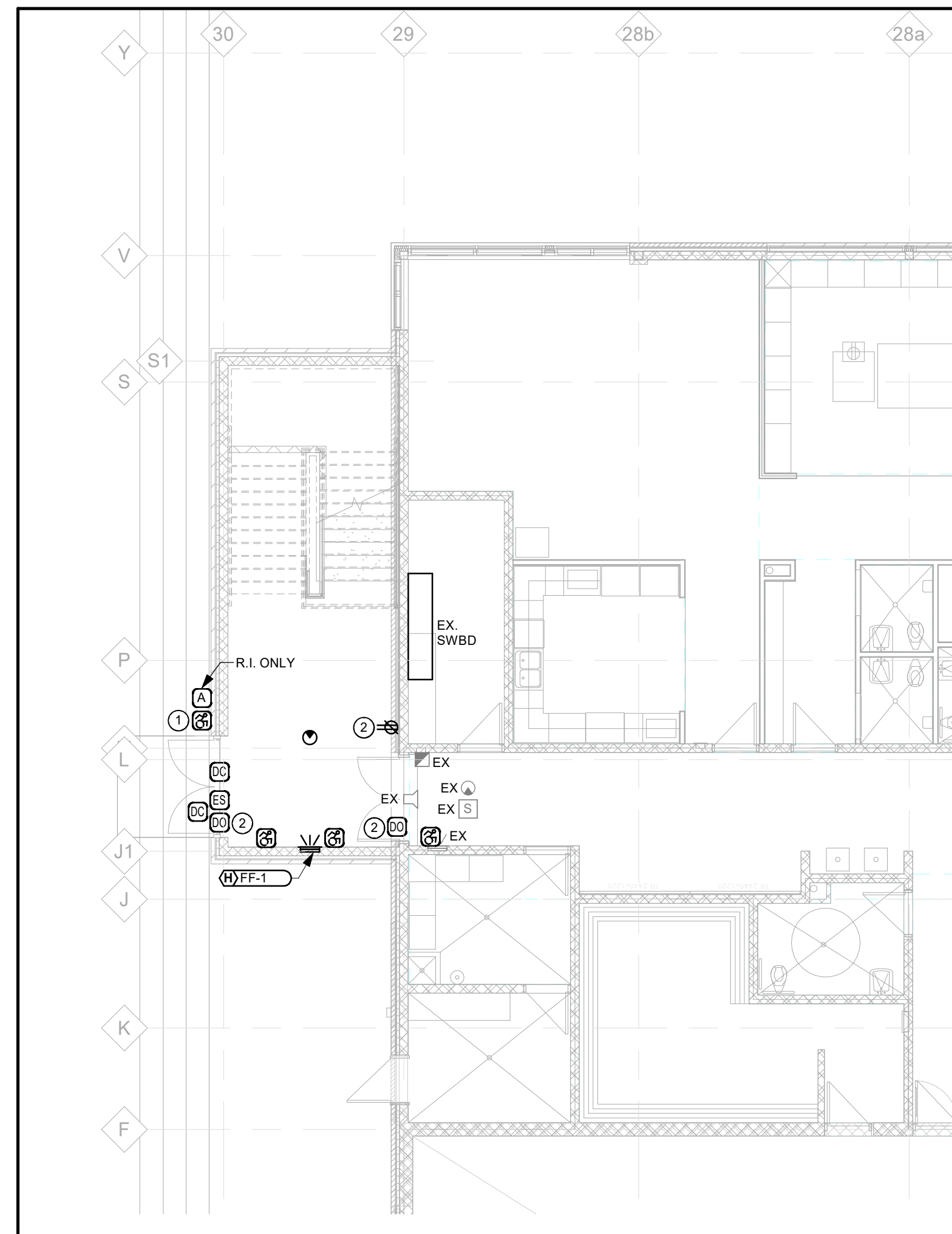
- 01 DISCONNECT CONNECTION TO EXISTING EXHAUST FAN EF-2 TO BE REMOVED (BY OTHERS) AND MAKE SAFE DURING CONSTRUCTION FOR RECONNECTION ON SECOND FLOOR ROOF.
- 02 PULL BACK EXISTING LIGHTING CIRCUIT WIRING FOR EXTENSION TO LIGHT FIXTURE LOCATION ON EXTERIOR OF NEW STAIRWELL.



2 GROUND FLOOR - LIGHTING LAYOUT
E201 Scale: 1 : 100

LIGHTING NOTES:

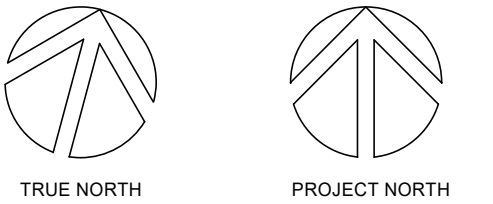
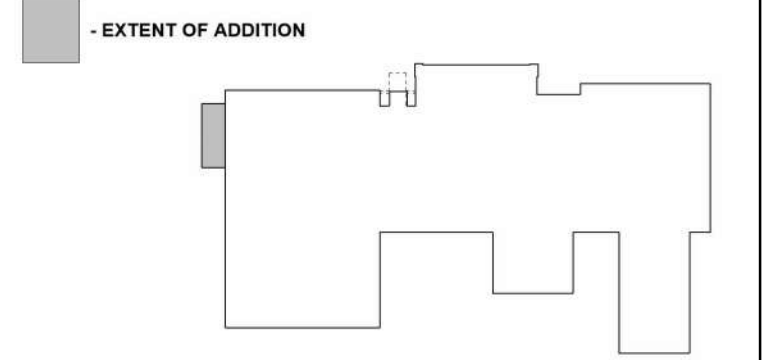
- (L1) EXISTING EXTERIOR LIGHTING CIRCUIT WIRING TO BE EXTENDED TO LIGHT FIXTURE LOCATION ON EXTERIOR OF NEW STAIRWELL.



3 GROUND FLOOR - POWER AND SYSTEMS LAYOUT
E201 Scale: 1 : 100

POWER AND SYSTEMS NOTES:

- ① PROVIDE PROGRAMMING TO ALLOW THE EXTERIOR DOOR OPERATOR PUSH BUTTON TO WORK ONLY DURING SCHOOL HOURS.
- ② PROVIDE 15A,1P BREAKER IN LOCAL AREA PANEL, CONDUIT AND WIRING AS REQUIRED TO FEED NEW EQUIPMENT.



No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT
SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S.
ADDITION

1425 Coldstream Drive, Oshawa, ON. L1K 0J6

TITLE

GROUND FLOOR LIGHTING,
POWER AND SYSTEMS
LAYOUTS

WALTERFEDY

TORONTO | CALGARY | **KITCHENER** | HAMILTON

800.685.1378 walterfedy.com



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SCALE :	AS NOTED	SHEET NO : <div style="font-size: 48pt; font-weight: bold; text-align: center;">E201</div>
DATE :	09/06/24	
PROJECT NO :	2023-0753-10	
DRAWN BY :	D.E.	
CHECKED BY :	D.M.	

E201



LIGHTING NOTES:

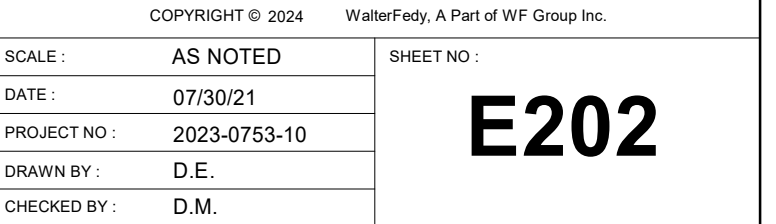
REFER TO LIGHTING DETAILS ON DRAWING E802.

OPERATION OF LIGHTING IN STAIRWELLS: LIGHT FIXTURES WILL DIM TO 50% WHEN UNOCCUPIED AND COME ON TO FULL BRIGHTNESS WHEN OCCUPANCY IS DETECTED.

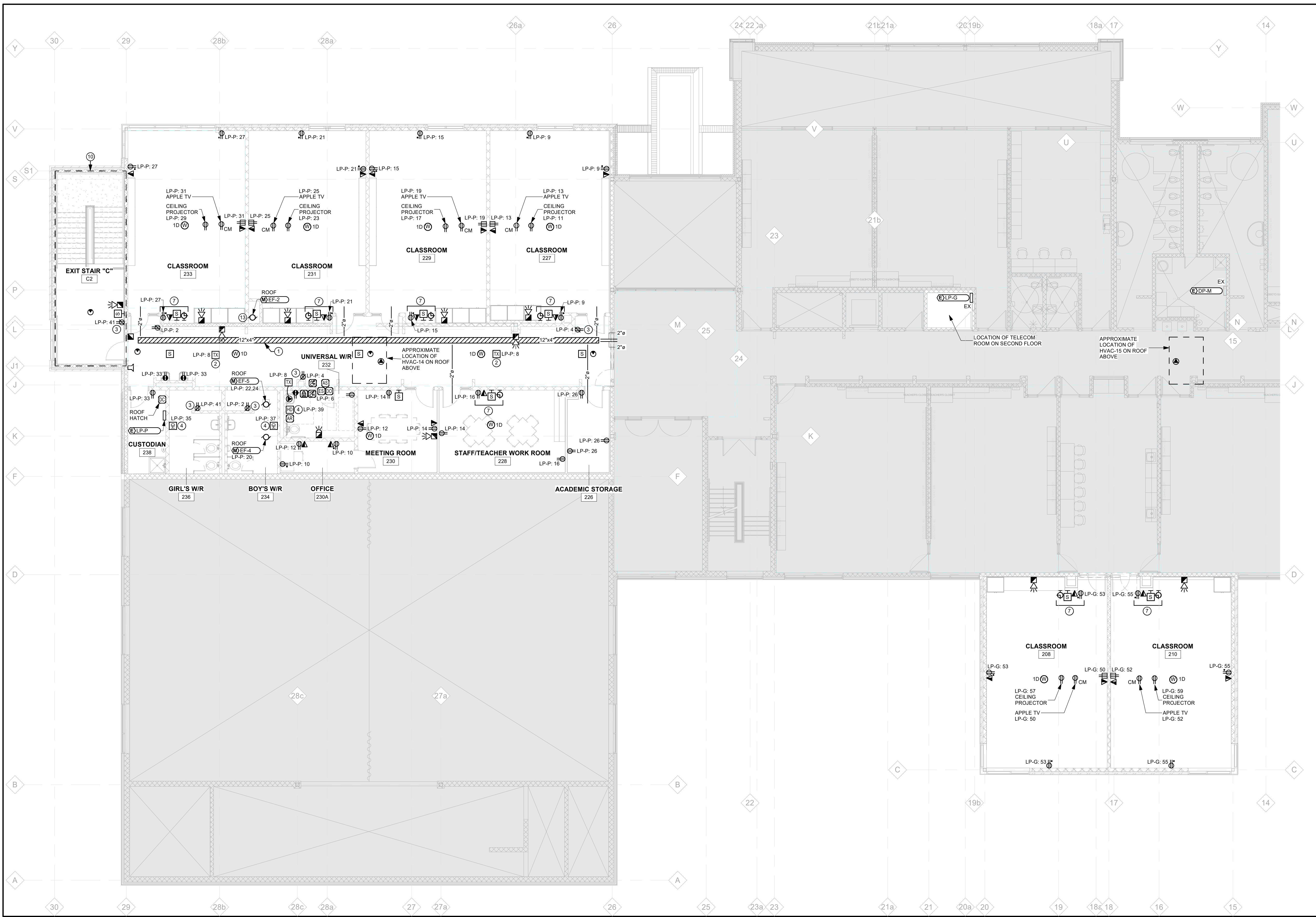
WIRE ALL EMERGENCY REMOTE LIGHTING HANDS AND EXIT SIGNS TO EMERGENCY BATTERY UNITS (EB-#) AS INDICATED ON PLANS.

WIRING FOR D.C. EMERGENCY LIGHTING SYSTEM SHALL BE MINIMUM #10.

ENSURE NEW LIGHTING CONTROLS ARE TIED INTO EXISTING NETWORKED LIGHTING CONTROL SYSTEM. PROVIDE ALL COMPONENTS (ROOM CONTROLLERS, NETWORK BRIDGES, ETC.) REQUIRED FOR A COMPLETE SYSTEM.



E202



1 SECOND FLOOR POWER AND SYSTEMS LAYOUT
E301 Scale: 1 : 100

PROVIDE SEPARATE PRICE FOR ALTERNATE ROUTING OF WASHROOM EXHAUST TO HVAC-14 WITH INLINE RF-5 IN LIEU OF ROOFTOP EXHAUST FAN. SEPARATE PRICE SHALL INCLUDE OPTIONAL ERW SECTION FOR HVAC-14 AND FIELD FABRICATED SANITARY EXHAUST CONNECTION TO UNIT. REFER ALSO TO M001 AND M303.

POWER AND SYSTEMS NOTES:

- TELECOMMUNICATIONS CABLE PATHWAY ROUTING (CABLE TRAY MIN. 300mm x 100mm OR J-HOOKS).
- PROVIDE 15A, 1P CIRCUIT IN ACCESSIBLE CEILING SPACE (TERMINATED AT JUNCTION BOX) FOR MISCELLANEOUS MECHANICAL EQUIPMENT. ANY REQUIRED LOW VOLTAGE TRANSFORMERS ARE TO BE PROVIDED BY MECHANICAL.
- 20A, T-SLOT HOUSE KEEPING RECEPTACLES ARE TO BE GRAY IN COLOUR.
- PROVIDE ELECTRIC HAND DRYER AS WORLD DRYER 'SMART-DR', ALUMINUM, WHITE FINISH, 120V, ON GFI PROTECTED CIRCUIT, INFRARED SENSOR, SET FAN TO MEDIUM SETTING.
- CLOCKS ARE TO BE BATTERY OPERATED AND SUPPLIED BY OWNER, TO BE MOUNTED AT HEIGHT SHOWN ON CLASSROOM CONSOLE DETAIL, (PER ARCHITECTURAL DRAWINGS).
- UNLESS OTHERWISE SHOWN ON DRAWINGS, PROVIDE 1-CAT 6A DROP AT EACH COMMUNICATION OUTLET CW FACEPLATE, JACK, ETC. FOR A COMPLETE INSTALLATION.
- CLASSROOM CONTROL PANEL (BY OTHERS). REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION, DETAILS, AND DEVICE MOUNTING LOCATIONS.
- UPON COMPLETION OF PROJECT, PROVIDE TO OWNER ON 11" x 17" PAPER (MINIMUM), FLOOR PLANS SHOWING THE LOCATIONS OF ALL ELECTRICAL COMPONENTS LOCATED ABOVE CEILINGS (DISCONNECTS, STARTERS, TRANSFORMERS, ETC.) FOR MAINTENANCE PURPOSES.
- MOUNT RECEPTACLES IN SERVICE/STORAGE/CUSTODIAN ROOMS AT SWITCH IN COMMON GANGED FACEPLATE.
- PROVIDE NEW FIRE ALARM ZONE FOR EXIT STAIR 'C'.
- EXTEND PUBLIC ADDRESS SYSTEM (TELECOM) INTO NEW ADDITION AND CONNECT TO NEW DEVICES. NEW DEVICES (SPEAKERS, CALL STATIONS, ETC.) ARE TO MATCH EXISTING DEVICES AND BE COMPATIBLE WITH EXISTING SYSTEM. COORDINATE WITH OWNERS SYSTEM INSTALLER AS NEEDED FOR ANY SYSTEM COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION.
- WIRE NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL (MIRCOM FX2000 LOCATED IN MAIN SCHOOL ENTRY VESTIBULE).
- RELOCATED EXHAUST FAN EF-2. EXTEND EXISTING WIRING TO NEW LOCATION AND RECONNECT.
- PROVIDE PROGRAMMING TO ALLOW THE EXTERIOR DOOR OPERATOR PUSH BUTTON TO WORK ONLY DURING SCHOOL HOURS.
- PROVIDE PLUG LOAD CONTROLLERS FOR ALL RECEPTACLES REQUIRED TO BE TURNED OFF (DESIGNATED AS RECEPTACLE WITH 'DOT') COMPLETE WITH ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE CONTROLLED RECEPTACLES WITH OWNER PRIOR TO INSTALLATION.

CLIENT LOGO

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

- EXTENT OF ADDITION

TRUE NORTH PROJECT NORTH

No.	ISSUANCE	DATE
1	ISSUED FOR OWNER REVIEW	2024.09.11
2	ISSUED FOR 100% OWNER REVIEW	2024.11.11
3	ISSUED FOR PERMIT	2024.12.03
4	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON. L1K 0J6

TITLE

POWER AND SYSTEMS LAYOUT

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL

LICENCED PROFESSIONAL ENGINEER
T.W. DIETRICH
100139459
2023-05-09
2023-0753-10
PROVINCE OF ONTARIO

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SCALE:	AS NOTED	SHEET NO.:
DATE:	07/30/21	
PROJECT NO.:	2023-0753-10	
DRAWN BY:	D.E.	
CHECKED BY:	D.M.	

E301



Branch Panel: LP-G

Location: HUB ROOM 205

Supply From:

Mounting: SURFACE

Enclosure: NEMA 2

Manufacturer:

Model:

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10kA/IC

Mains Type: MLO

Mains Rating: 225 A

Bus Material: COPPER

Notes:

CCT	Circuit Description	Trip	Poles	A (kW)	B (kW)	C (kW)	Poles	Trip	Circuit Description	CCT		
1	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	2	
3	EXISTING LOAD	15 A	1		0	0			1	15 A	EXISTING LOAD	4
5	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	6	
7	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	8	
9	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	10	
11	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	12	
13	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	14	
15	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	16	
17	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	18	
19	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	20	
21	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	22	
23	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	24	
25	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	26	
27	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	28	
29	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	30	
31	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	32	
33	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	34	
35	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	36	
37	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	38	
39	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	40	
41	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	42	
43	EXISTING LOAD	15 A	1	0	0			1	15 A	EXISTING LOAD	44	
45	EXISTING LOAD	15 A	1		0	0		1	15 A	EXISTING LOAD	46	
47	EXISTING LOAD	15 A	1			0	0	1	15 A	EXISTING LOAD	48	
49	EXISTING LOAD	15 A	1	0	0.36			1	15 A	RECEPTACLES - 208	50	
51	LIGHTING - CLASSROOM 208, 210	15 A	1		0.96	0.36		1	15 A	RECEPTACLES - 210	52	
53	RECEPTACLES - 208	15 A	1			0.54					54	
55	RECEPTACLES - 210	15 A	1	0.54							56	
57	CEILING PROJECTOR - 208	15 A	1		0.18						58	
59	CEILING PROJECTOR - 210	15 A	1			0.18					60	
Total Load:				0.9 kW	1.101 kW	0.72 kW						
Total Amps:				8 A	9 A	6 A						

Prefix Legend:

ALL BREAKERS SHALL BE NEW UNLESS OTHERWISE NOTED

+ - BREAKER MADE AVAILABLE BY DEMOLITION

* - EXISTING BREAKER

M - METER

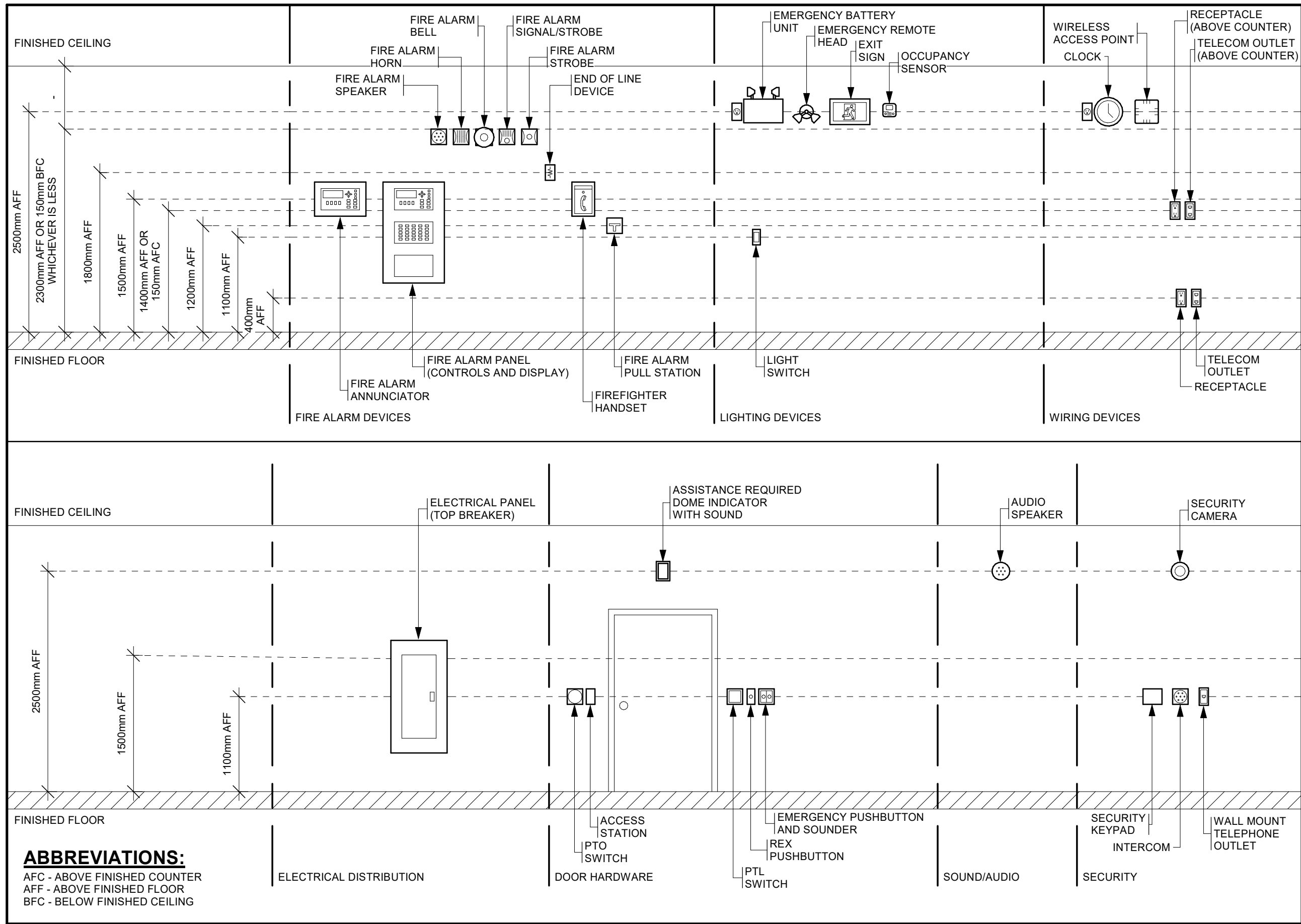
ST - SHUNT TRIP

GFCI - GROUND FAULT CIRCUIT INTERRUPT

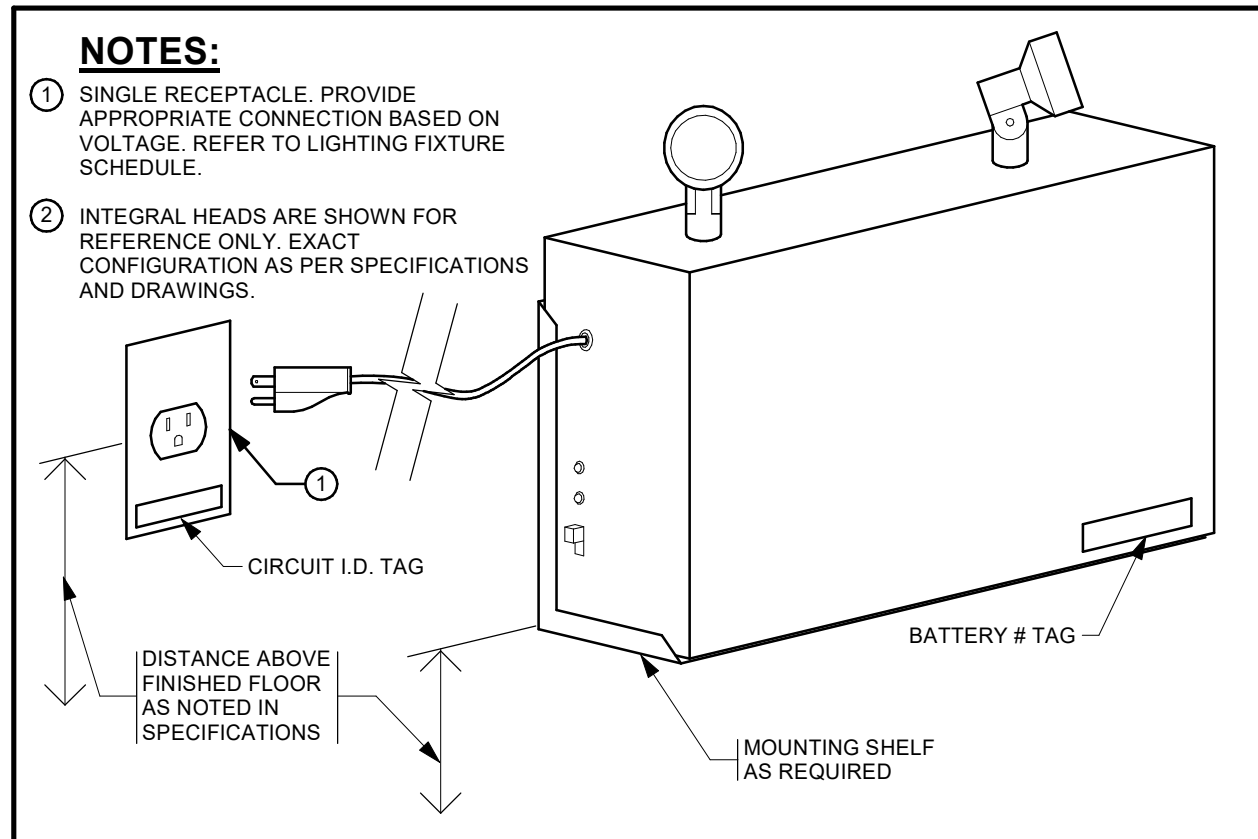
AFCI - ARC FAULT CIRCUIT INTERRUPT

AUX - AUXILIARY CONTACT

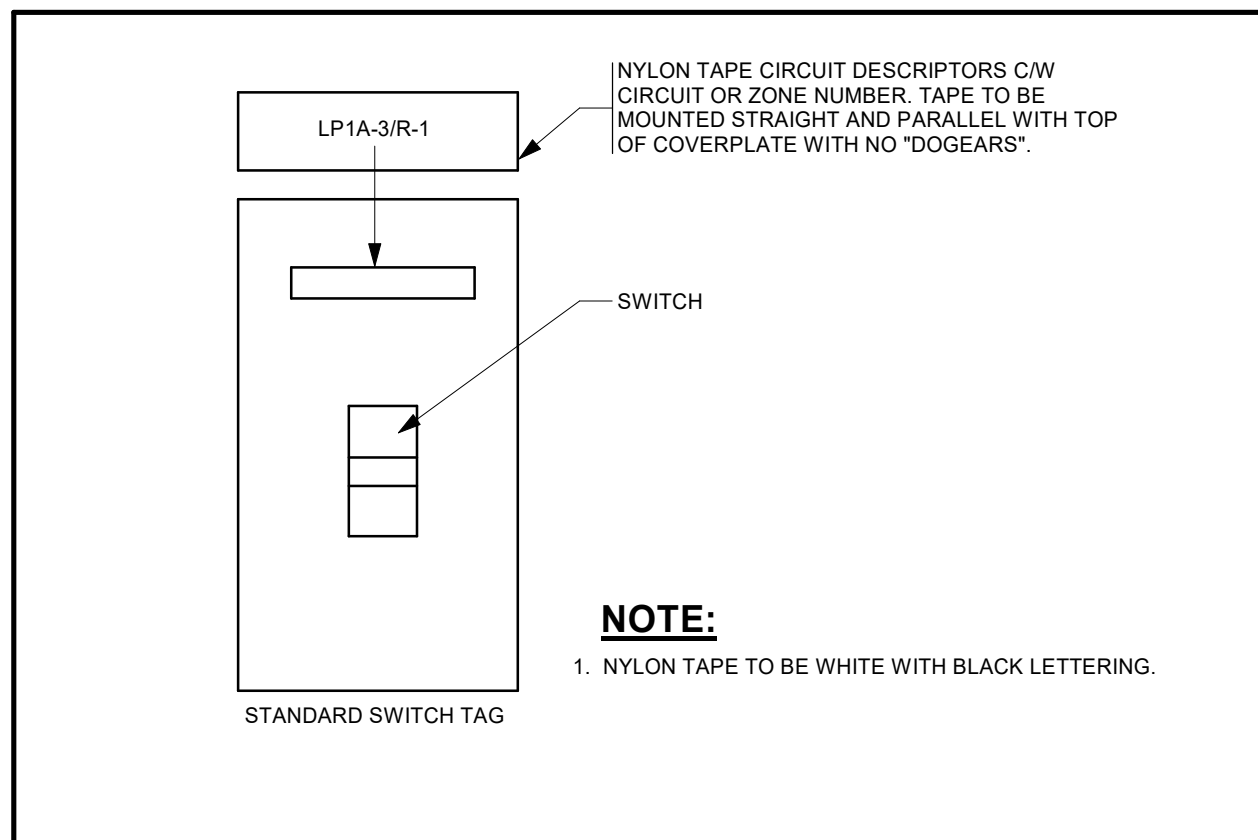
CLIENT		
PROJECT		
TITLE		
DRAWING INFORMATION		
REVISIONS		
NOTES		
APPROVALS		
CONTACT INFORMATION		
LEGEND		
SCALE		
DATE		
PROJECT NO.		
DRAWN BY:		
CHECKED BY:		
ISSUANCE		
DATE		
STANDARD DRAWING		
WATERFEDY GROUP INC.		
E801		



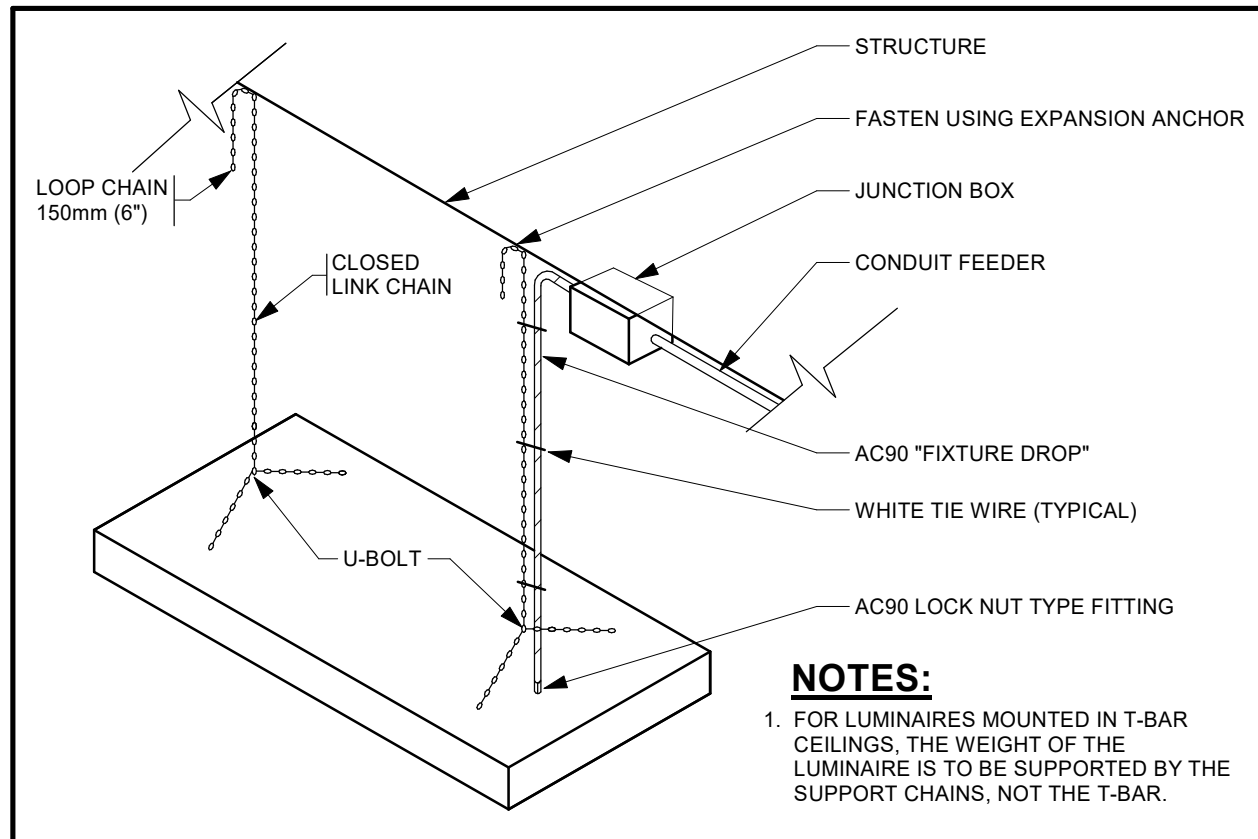
1 ELECTRICAL STANDARD WALL MOUNTING HEIGHTS DETAIL
E802 Scale: N.T.S.



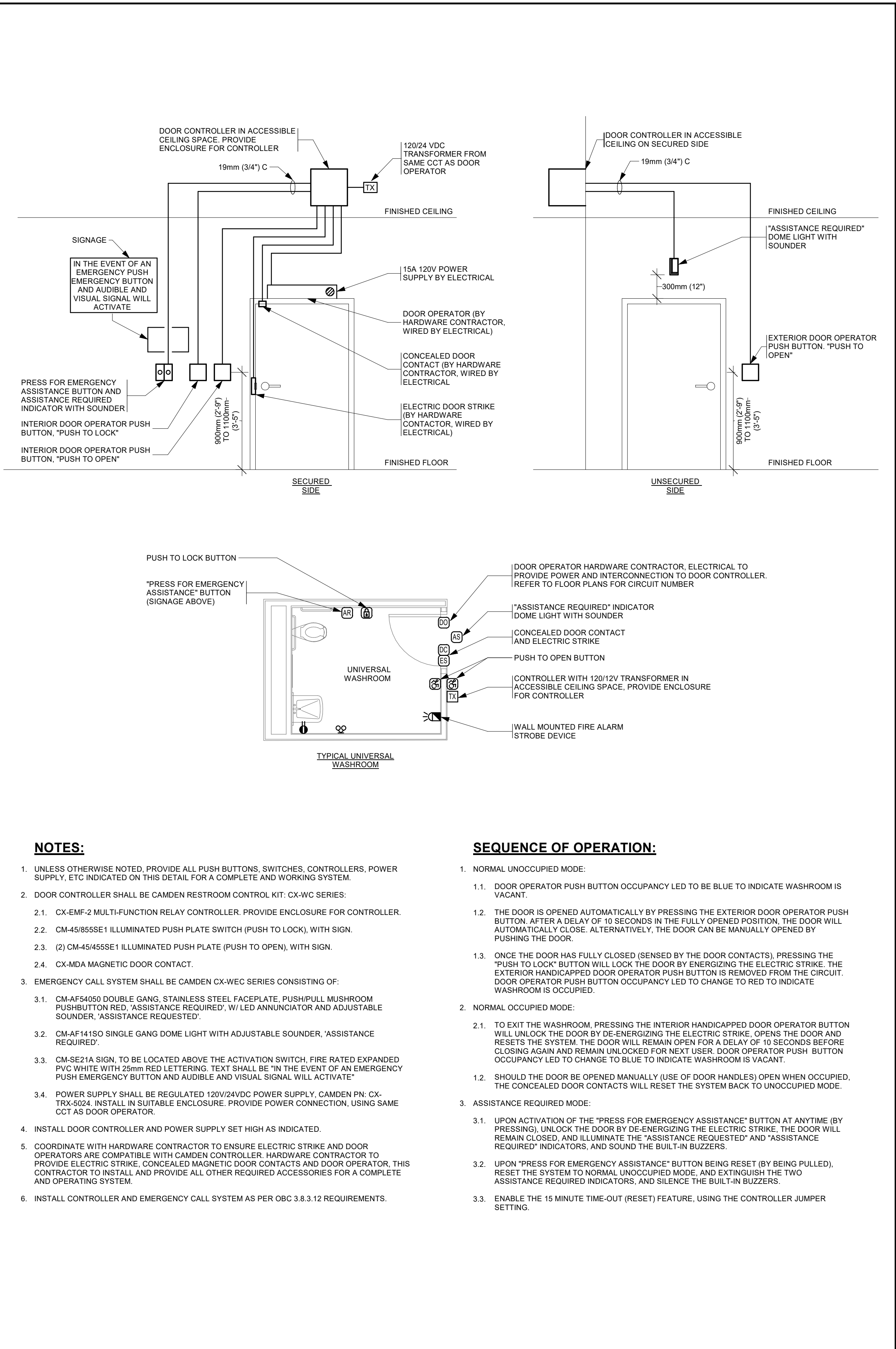
3 EMERG. LIGHTING BATT. UNIT INSTALLATION DETAIL
E802 Scale: N.T.S.



5 SWITCH TAGGING DETAIL
E802 Scale: N.T.S.



4 LUMINAIRE SUSPENSION DETAIL
E802 Scale: N.T.S.



2 TYPICAL UNIVERSAL WASHROOM DETAIL
E802 Scale: N.T.S.

No.	ISSUANCE	DATE
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3	ISSUED FOR BID	2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON. L1K 0J6

TITLE

ELECTRICAL DETAILS

SEAL

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SCALE:	AS NOTED	SHEET NO:
DATE:	07/30/21	E802
PROJECT NO:	2023-0753-10	
DRAWN BY:	D.E.	
CHECKED BY:	D.M.	

LIGHTING FIXTURE SCHEDULE																					
TAG	DESCRIPTION	MANUFACTURER	SERIES	PHYSICAL CHARACTERISTICS								ELECTRICAL CHARACTERISTICS						ACCESSORIES	NOTES	REV	
				NOMINAL SIZE	HOUSING		FINISH	MOUNTING		OPTIC	VOLTS	LOAD	LUMENS	CCT	CRI	DRIVER					
					RATING	MATERIAL	COLOUR	TYPE	TYPE								HEIGHT				
BU: EMERGENCY BATTERY UNIT																					
BU-1	EMERGENCY BATTERY UNIT	LUMACELL	RGS				WHT	PWD	WALL			120 V	100 VA								
D: DOWNLIGHT																					
D10	DOWNLIGHT	LITHONIA	LDN6	4" x 4"	DAMP	ALU	WHT	PWD	RECESSED	-	SP55, DIF	120 V	14 VA	1500lm	4000K	80 CRI	DIM10				
E: EMERGENCY LIGHTING																					
E10	EMERGENCY REMOTE LIGHTING HEADS	LUMACELL	MQM				WHT		WALL			24 V	10 VA								
L: LINEAR																					
L10	WALL BRACKET & SURFACE MOUNT LED	LITHONIA	WL4	48" x 3" x 3"			WHT	PWD	SURFACE			120 V	40 VA		4000K	80 CRI	DIM10				
T: TROFFER																					
T10	2x4 LED RECESSED TROFFER	LITHONIA	2GTL	48" x 24" x 3"			WHT	PWD	RECESSED			120 V	40 VA		4000K	80 CRI	DIM10				
T20	1x4 LED RECESSED TROFFER	LITHONIA	GTL	48" x 12" x 3"			WHT	PWD	RECESSED			120 V	40 VA		4000K	80 CRI	DIM10				
T20A	1x4 LED RECESSED TROFFER	LITHONIA	GTL	48" x 12" x 3"			WHT	PWD	RECESSED			120 V	40 VA		4000K	80 CRI	DIM10		SUITABLE FOR INSTALLATION IN GYPSUM BOARD CEILINGS		
T30	2x2 LED RECESSED TROFFER	LITHONIA	2GTL	24" x 24" x 3"			WHT	PWD	RECESSED			120 V	40 VA		4000K	80 CRI	DIM10				
W: WALL PACK																					
W10	RECTANGULAR WALL PACK	LITHONIA	WPX0	4" x 10" x 10 1/4"	OUT	ALU	BLK	PWD	WALL	8" A.F.F.	-	277 V	6 VA	800lm	4000K	70 CRI	NON				
X: EXIT SIGNAGE																					
X10	RUNNING MAN EXIT SIGN	LUMACELL	LA	2" x 12" x 7 1/2"			WHT	PWD	SUSPENDED			120 V	2 VA								

LIGHTING FIXTURE SCHEDULE NOTES:

1. PRODUCTS OTHER THAN THOSE LISTED WILL BE CONSIDERED. OTHER PRODUCTS MUST BE CAPABLE OF PROVIDING THE SAME LEVEL OF PERFORMANCE, INCLUDING CONTROL CAPACITY, AS THE BASIS OF DESIGN PRODUCTS NAMED. SUBMIT PRODUCT DATA IN ACCORDANCE WITH THE LIGHTING SECTION OF THE ELECTRICAL SPECIFICATIONS.
2. ALL INTERIOR LIGHTING FIXTURES SHALL HAVE A MINIMUM CRI OF 80; EXTERIOR FIXTURES SHALL HAVE A MINIMUM CRI OF 70. WHENEVER A CRI OF 80+ OR HIGHER IS CALLED FOR IN THE SCHEDULE, A R9 VALUE OF >50 SHALL ALSO BE PROVIDED.
3. ALL LED DRIVERS SHALL BE FREE OF NOTICABLE FLICKER AS DETERMINED BY THE OWNER AND/OR CONSULTANT. DIMMING DRIVERS SHALL PROVIDE SMOOTH AND CONTINUOUS DIMMING. ANY LED DRIVER THAT PRODUCES NOTICABLE FLICKER SHALL BE REPLACED BY THE LUMINAIRE MANUFACTURER FREE OF CHARGE.
4. UNLESS NOTED OTHERWISE, ALL FIXTURES SHALL HAVE INTEGRAL 0-10V DIMMABLE DRIVERS WITH A DIMMING RANGE OF 100% TO 10% MINIMUM.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE PRODUCTS SUPPLIED AND INSTALLED ARE COMPATIBLE WITH THE LIGHTING CONTROL SYSTEM AND/OR DEVICES. THE CONTRACTOR SHALL PROVIDE THE CONTROLS SYSTEM MANUFACTURER OF THEIR CHOICE WITH A COPY OF ALL DRAWINGS AND SCHEDULES.

HOUSING RATING TYPES: DRY - DRY LOCATION DAMP - DAMP LOCATION WET - WET LOCATION OUT - IP65 MIN / COLD RATED IPXX - IP XX RATING NEXX - NEMA XX RATING ZNXX - ZONE XX RATING VAN - VANDAL RESISTANT	HOUSING FINISH TYPES: ANO - ANODIZED BRU - BRUSHED PNT - PAINTED PWX - POWDER COATED TEX - TEXTURED HOUSING MATERIAL TYPES: STL - STEEL ALU - ALUMINIUM	OPTIC TYPES: DIF - DIFFUSE OPTIC BAT - BATWING SPXX - SPOT OPTIC XX DEGREES TYPX - OUTDOOR TYPE X OPTIC WW - WALL WASH ELI - ELIPTICAL STPX - STEP LENS X"	DRIVER TYPES: NON - NON-DIMMING BI - 8-LEVEL OUTPUT DIM1 - 0-10V 1% DIMMING OUTPUT DIM10 - 0-10V 10% DIMMING OUTPUT DALI - DALI BIOS - BIOS DMX - DIGITAL MULTIPLEX WIR - WIRELESS REM - REMOTE	ACCESSORIES TYPES: AT - AUTO-TEST EM - UL924 EMERGENCY TRANSFER
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WIRING FOR MECHANICAL EQUIPMENT SCHEDULE																			
EQUIPMENT		LOCATION		ELECTRICAL			STARTER		CONTROL			COMMUNICATION	INTERLOCK		MCC	MAINTENANCE REC	INTEGRAL LTG	F/A SHUTDOWN	REMARKS
TAG	DESCRIPTION	NAME	NO.	VOLTAGE	PHASE	LOAD	WATTAGE	TYPE	LOCATION	LOCAL	ELECTRICAL		MECHANICAL	TO					
EF-2	EXHAUST FAN			120 V	1		0.20 kW	CMB				BAS	BAS						RELOCATED EXHAUST FAN (BY OTHERS)
EF-4	EXHAUST FAN			120 V	1		0.20 kW	CMB				BAS	BAS						PART OF BASE PRICE - SEE DESCRIPTION THIS SHEET
EF-5	EXHAUST FAN			208 V	1		0.20 kW	CMB				BAS	BAS						PART OF SEPARATE PRICE - SEE DESCRIPTION THIS SHEET
HVAC-14	AIR HANDLING UNIT			208 V	3		44.76 kW					BAS	BAS				●		SINGLE POINT CONNECTION - PROVIDE SEPARATE 15A CIRCUIT FOR MAINTENANCE RECEPTACLE. NOTE THAT SEPARATE PRICE ADDS ENERGY RECOVERY WHEEL TO UNIT
HVAC-15	AIR HANDLING UNIT			208 V	3		27.60 kW					BAS	BAS				●		SINGLE POINT CONNECTION - PROVIDE SEPARATE 15A CIRCUIT FOR MAINTENANCE RECEPTACLE

PROVIDE SEPARATE PRICE FOR ALTERNATE ROUTING OF WASHROOM EXHAUST TO HVAC-14 WITH INLINE RP-S IN LIEU OF ROOFTOP EXHAUST FAN. SEPARATE PRICE SHALL INCLUDE OPTIONAL ERV SECTION FOR HVAC-14 AND FIELD FABRICATED SANITARY EXHAUST CONNECTION TO UNIT. REFER ALSO TO M001 AND M303.

WIRING FOR MECHANICAL EQUIPMENT SCHEDULE NOTES:

1. PROVIDE CONTROL VOLTAGE FROM A PROPER FUSED CONTROL CIRCUIT TRANSFORMER MOUNTED INTEGRALLY WITHIN THE CORRESPONDING DEVICE/STARTER.
2. PROVIDE 'SPRING RETURN' TO OFF (O) FROM HAND (H) POSITION FOR SUPERVISED TEST PURPOSES ONLY.
3. ON/OFF CONTROL SWITCH SHALL BE MOTOR RATED FOR LOAD.
4. INTEGRATE WITHIN CONTROL DEVICE ENCLOSURE ALL STATUS CONTACTS FOR ALARM AND DEVICE STATE, ETC.
5. RATE ALL MECHANICAL EQUIPMENT FEEDERS TO MATCH THE OVERCURRENT PROTECTION DEVICE SPECIFIED.
6. PROVIDE SUITABLE NORMALLY CLOSED (ENERGIZED) RELAY IN A NEMA RATED ENCLOSURE TO OPEN ON FIRE ALARM SIGNAL, MOUNT IN EQUIPMENT HOUSING AS DIRECTED BY CONTROLS CONTRACTOR.
7. PROVIDE LED PILOT LIGHTS IN FRONT FACE OF ALL CONTROL DEVICES AS FOLLOWS:

a. GREEN-RUNNING
b. RED-FAILED/FAULT
c. AMBER-MANUAL

• ABSENCE OF ANY ILLUMINATED LIGHT INDICATES MOTOR IS OFF AND/OR AVAILABLE FOR USE.
8. PROVIDE ALL FANS AND MOTORS WITH LOCAL ISOLATION SWITCH (EVEN IF NOT SHOWN ON DRAWINGS).
9. LOOSE STARTERS SHALL BE SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
10. ELECTRICAL REMOTE CONTROL SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR AT A REMOTE LOCATION.
11. MECHANICAL REMOTE CONTROL SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR AT A REMOTE LOCATION.

STARTER TYPES: MAN - MANUAL MAG - MAGNETIC CON - CONTACTOR VFD - VARIABLE FREQUENCY DRIVE CMB - COMBINATION SFT - SOFT STARTER SSS - SOLID STATE STARTER ZSP - TWO SPEED STARTER RVS - REDUCED VOLTAGE STARTER REV - REVERSING STARTER INT - INTEGRAL LOS - LOOSE	LOCAL CONTROL TYPES: HLS - HIGH LOW SELECTOR HOA - HAND-OFF-AUTO OOS - ON-OFF SELECTOR SSP - START-STOP PUSHBUTTONS HMI - HUMAN MACHINE INTERFACE ELECTRICAL REMOTE CONTROL TYPES: TST - THERMOSTAT OOS - ON-OFF SELECTOR SSP - START-STOP PUSHBUTTON TCK - TIME CLOCK REL - CONTROL RELAY	MECHANICAL REMOTE CONTROL TYPES: TST - THERMOSTAT BAS - BUILDING AUTOMATION SYSTEM CP - CONTROL PANEL FST - FIRESTAT AQT - AQUASTAT COMMUNICATION/MONITOR TYPES: BAS - BUILDING AUTOMATION SYSTEM IP - ETHERNET MOD - MODBUS
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ELECTRIC HEATER SCHEDULE

EQUIPMENT				ELECTRICAL CHARACTERISTICS							PHYSICAL CHARACTERISTICS								ACCESSORIES	REMARKS
TAG	DESCRIPTION	MANUFACTURER	SERIES	ELECTRICAL		CONTROL		INTERLOCK		NOMINAL SIZE	HOUSING		FINISH		MOUNTING					
				VOLTS	WATTS	PH	TYPE	LOCATION	TO		BY	RATING	MATERIAL	COLOUR	TYPE	TYPE	HEIGHT			
FF-1	FAN FORCED HEATER	STELPRO	OAWH	208 V	3600 W	1	TST	INT	-	-	16"W x 4"D x 24"H	IP44	STL	WHT	PWD	RECESSED	4' A.F.F.	-	-	

ELECTRIC HEATER SCHEDULE NOTES:

1. PROVIDE ALL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
2. PROVIDE ALL CONTROL TRANSFORMERS AS REQUIRED TO SUIT CONTROL SCHEME.

CONTROL TYPES: W/O - WITHOUT CONTROL TST - THERMOSTAT REL - CONTROL RELAY TIM - TIMER	CONTROL LOCATION: REM - REMOTELY MOUNTED FROM UNIT (PROVIDE INTEGRAL RELAY AS REQUIRED) INT - PROVIDED INTEGRAL WITH THE UNIT
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HOUSING RATINGS: DRY - DRY LOCATION DAMP - DAMP LOCATION WET - WET LOCATION OUT - IP65 MIN / COLD RATED IPXX - IP XX RATING NEXX - NEMA XX RATING ZNXX - ZONE X RATING	HOUSING MATERIALS: STL - STEEL ALU - ALUMINIUM	HOUSING FINISH TYPES: ANO - ANODIZED BRU - BRUSHED PNT - PAINTED PWX - POWDER COATED TEX - TEXTURED	ACCESSORIES TYPES: AUX - AUXILIARY RELAY FAN - SUMMER FAN DIS - INTEGRAL DISCONNECT CB - CLEAN BACK PED - PEDESTALS
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CLIENT LOGO



No.

ISSUANCE

DATE

1

ISSUED FOR 100% OWNER REVIEW

2024.11.11

2

ISSUED FOR PERMIT

2024.12.03

3

ISSUED FOR BID

2025.05.09

CLIENT

DURHAM CATHOLIC DISTRICT SCHOOL BOARD

652 Rossland Road West, Oshawa, ON

PROJECT

ST. KATERI TEKAKWITHA C.E.S. ADDITION

1425 Coldstream Drive, Oshawa, ON. L1K 0J6

TITLE

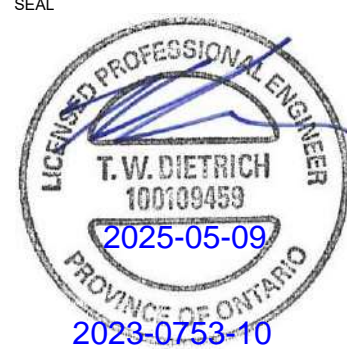
ELECTRICAL SCHEDULES

WALTERFEDY

TORONTO | CALGARY | KITCHENER | HAMILTON

800.685.1378 walterfedy.com

SEAL



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SCALE: AS NOTED

DATE: 07/30/21

PROJECT NO: 2023-0753-10

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CHECKED BY: D.M.

SHEET NO:

E901