

Universal Washroom Renovation Holy Angels Learning Center

102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

Volume 1 - Drawings Architectural, Structural, Mechanical and Electrical

Volume Index

Volume 1 - Drawings - Architectural, Structural, Mechanical and Electrical
Volume 2 - Specification

Drawing List

Volume 1 - Architectural, Structural, Mechanical, Electrical Drawings 11x17	
Title	
V1 title	Title Sheet
Architectural	
a 0.10	General Information & Building Assemblies
a 0.20	Level 01 - Context Plan
a 2.00	Level 01 - Washrooms Existing Removals & New
a 3.00	Level 01 - Reflected Ceiling Plan Existing Removals & New
a 12.00	Door Details
a 13.00	Washroom Specialties
stp 2.00	Level 01 - Floor Patterning Plan & Paint Plan
Structural	
s 0.00	Structural Work Specifications
s 1.00	Foundation and Ground Floor Plan and Typical Details
s 2.00	Second Floor Framing Plan and Lintel Schedule
Mechanical	
m 0.00	Mechanical Notes
m 0.10	Mechanical Notes, Legends, & Schedules
m 1.10	Level 1 Plumbing Plan - Washrooms - Existing / Removals & New
m 4.10	Level 1 HVAC Plan - Washrooms - Existing / Removals & New
Electrical	
e 0.00	Electrical Specifications
e 0.10	Electrical Legend and Bill of Materials
e 2.00	Overall Electrical Plan
e 2.10	Level 1 - Power and Auxiliary Systems - Existing / Removals & Proposed New
e 3.10	Level 1 - Lighting and Ceiling Devices - Existing / Removals & Proposed New

Prime Consultant
Architecture, Mechanical and Electrical Engineering



INTEGRATED DESIGN
ENGINEERING + ARCHITECTURE

421 Bay Street, Suite 507, Sault Ste. Marie Ont. Ca.
Tele: (705) 949-5291 - Email: info@integrateddesign.ca

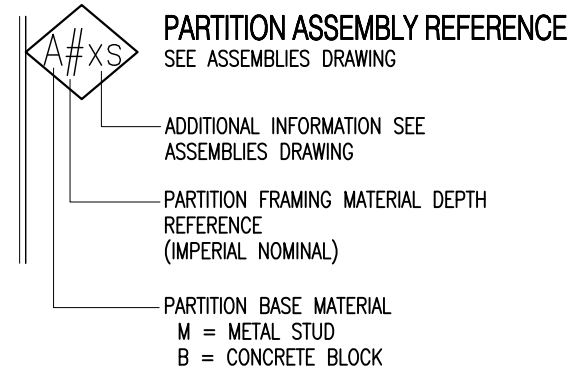
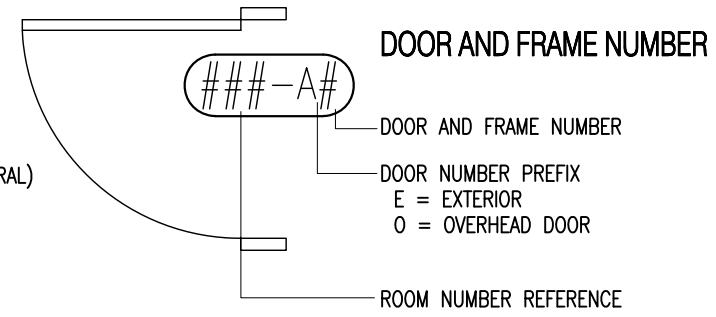
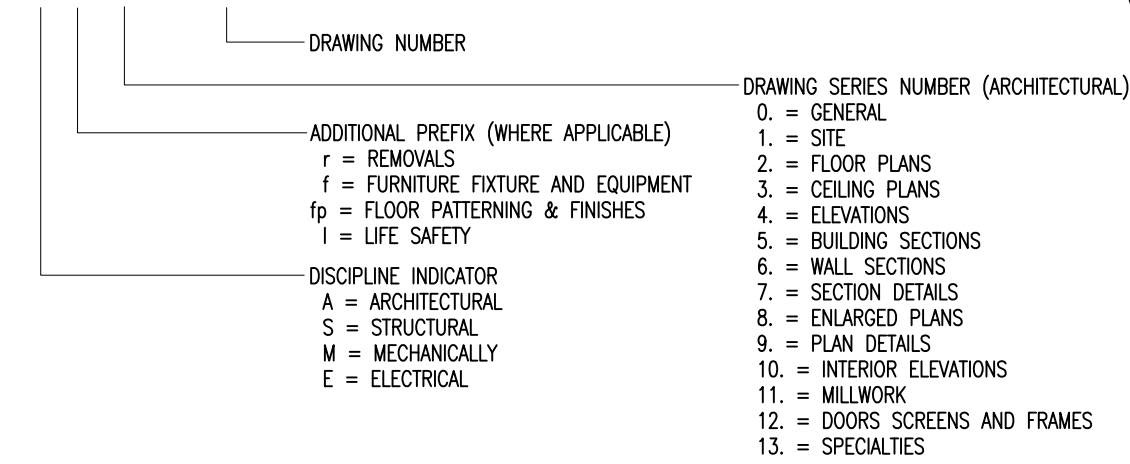
Structural
Structural Engineering



Tulloch 71 Black Road
Sault Ste. Marie, Ontario, P6B 0A3
(705) 949-1457

General Information Legend

al 7.00 DRAWING NUMBERING CONVENTION



seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision
0. 2026 05 21 - ISSUED FOR TENDER

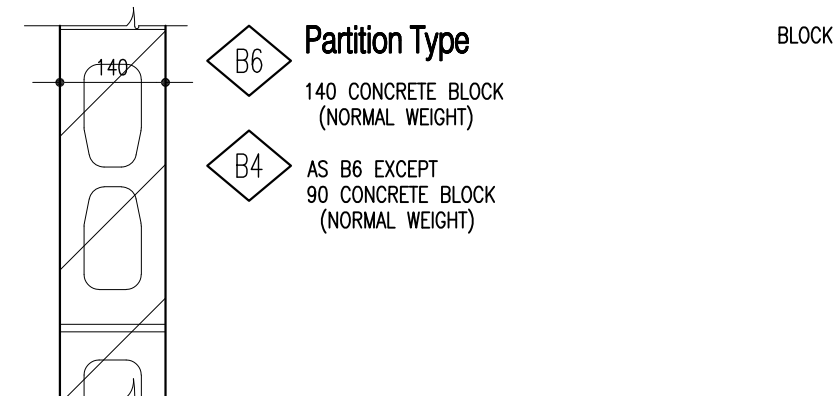
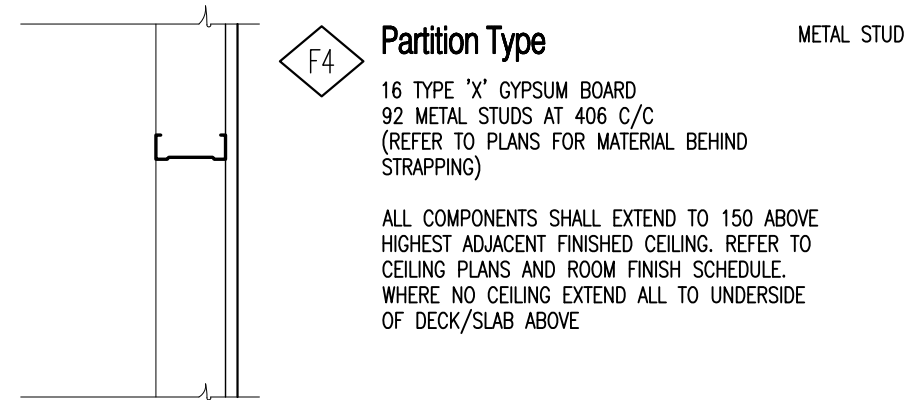
Partition General Notes

1. REFER TO FLOOR PLANS FOR PARTITION TYPES
2. PARTITION TYPES PROVIDED ON THIS DRAWING AND ON PLANS ARE FOR GENERAL CONSTRUCTION. CONTRACTORS SHALL REVIEW PLANS, DETAILS AND SPECIFICATIONS AND COMPLY WITH MOST STRINGENT REQUIREMENTS.
3. ALL PARTITIONS SHALL EXTEND 152mm ABOVE HIGHEST ADJACENT CEILING. UNLESS NOTED OTHERWISE OR APPROVED BY CONSULTANT. FILL ALL FLUTES OF METAL DECK WITH FIRE STOPPING AT ALL FIRE SEPARATIONS
4. ALL DIMENSIONS ARE TO FACE OF PARTITION FRAMING, STRUCTURAL GRID LINE OR FACE OF CONCRETE BLOCK, UNLESS NOTED OTHERWISE
5. REFER TO SPECIFICATION FOR FIRE STOPPING REQUIREMENTS FOR ALL PENETRATIONS THROUGH AND AT TOP OF ALL FIRE RESISTANCE RATED PARTITIONS.
6. DIMENSIONAL REFERENCE - INDICATES CENTERLINE OF PARTITION TO ALIGN WITH GRID LINE
7. DIMENSIONAL REFERENCE - INDICATES TO ALIGN FACE OF PARTITION WITH ADJACENT

CONCRETE BLOCK PARTITIONS

1. ALL CONCRETE BLOCK TYPE PARTITIONS NOT DENOTED ON DRAWINGS SHALL BE TYPE
2. NON-FIRE RATED BLOCK PARTITIONS. UNLESS OTHERWISE NOTED, CONCRETE BLOCK PARTITIONS SHALL EXTEND UP TO WITHIN 3/4" OF UNDERSIDE OF BEAMS, METAL DECK OR CONCRETE SLAB, TO ALLOW FOR DEFLECTION. FILL SPACE WITH ROCK WOOL INSULATION. REFER TO STRUCTURAL DRAWINGS AND SECTION 05500, METAL FABRICATIONS FOR DETAIL OF LATERAL SUPPORT ALONG TOP OF ALL MASONRY PARTITIONS.
3. FIRE RATED BLOCK PARTITIONS. UNLESS OTHERWISE NOTED, CONCRETE BLOCK PARTITIONS SHALL EXTEND UP TO WITHIN 3/4" OF UNDERSIDE OF BEAMS, METAL DECK OR CONCRETE SLAB, TO ALLOW FOR DEFLECTION, UNLESS NOTED OTHERWISE, FILL SPACE ABOVE WITH FIRE STOPPING, REFER TO SPECIFICATION. REFER ALSO TO STRUCTURAL DRAWINGS AND SECTION 05500, METAL FABRICATIONS FOR DETAIL OF LATERAL SUPPORT ALONG TOP OF ALL MASONRY PARTITIONS.
4. ALL EXTERIOR CORNERS OF ALL CONCRETE BLOCK PARTITIONS TO BE BULLNOSE OR DOUBLE BULLNOSE CONCRETE BLOCK. EXCEPT BOTTOM COURSE, THIS TO BE SQUARE EDGE TO RECEIVE FLOOR BASE.

Partition Types



Block Types

Universal Washroom Renovation
Holy Angels Learning Center
 102 Wellington Street East, Sault Ste. Marie, Ontario
 for the
 Huron-Superior Catholic District School Board
General Information & Building Assemblies

Dwg. Name: Project Name:

Date: 2026 05 21
 Scale: NTS
 Checked by: C Berkenbosch
 Drawn by: E. Lavallee

Project No.: 26009
 Dwg. No.: a 0.10

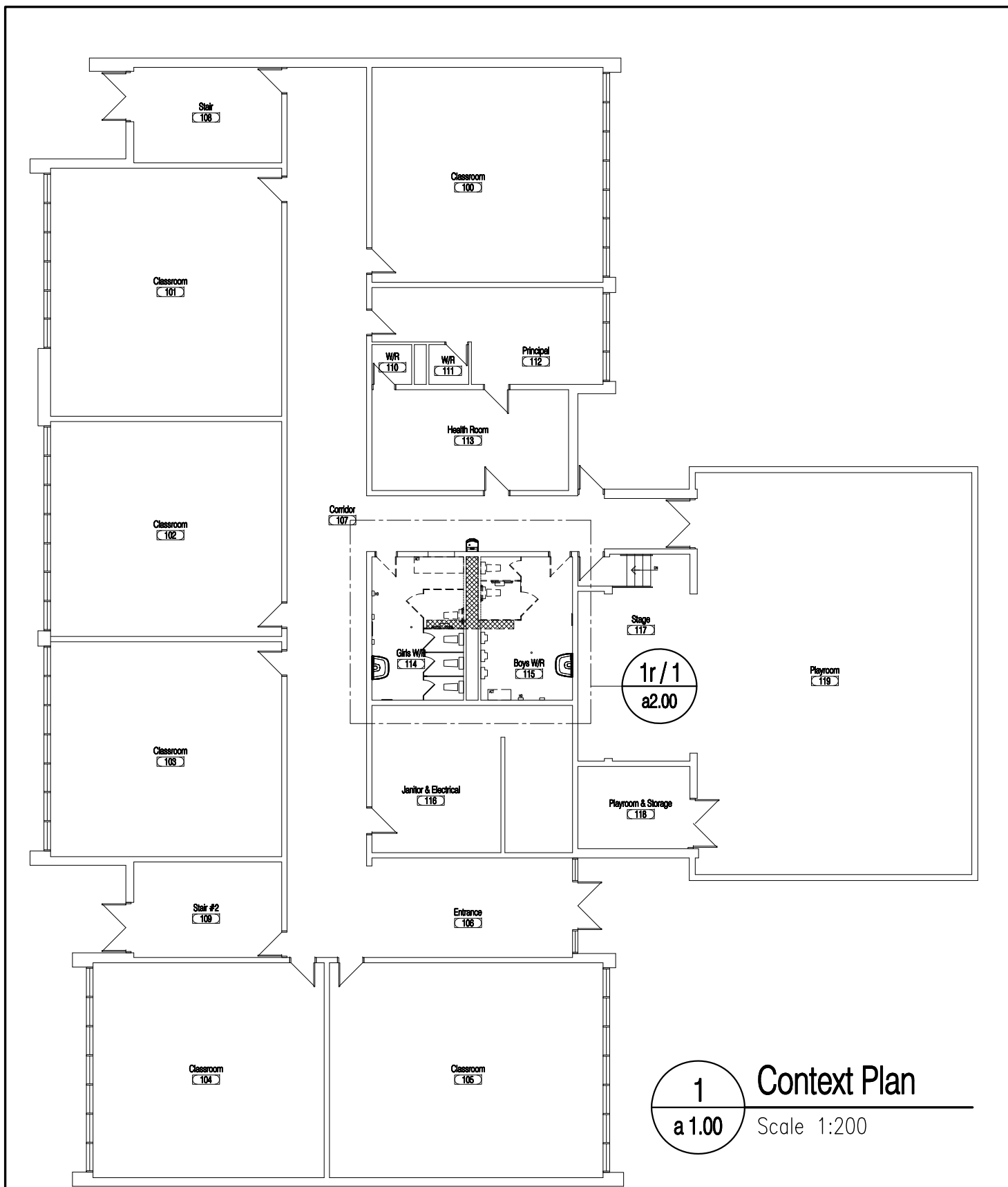
seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision

0. 2026 05 21 - ISSUED FOR TENDER



General Notes:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE THESE DRAWINGS.

WHERE EXISTING DOORS, WINDOWS AND WALLS ARE NOTED TO BE REMOVED, REMOVE TO LIMITS OF CONSTRUCTION. PATCH, REPAIR AND MAKE GOOD EXISTING ADJACENT FLOOR, WALL AND CEILING CONSTRUCTION TO MATCH EXISTING ADJACENT CONSTRUCTION. PREPARE FOR NEW FINISHES. SEE FINISH SCHEDULE.

REFER ALSO TO MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF REMOVALS. WHERE EXISTING MECH. AND/OR ELECT. TO BE REMOVED, CAP OFF PIPING, DUCTWORK, CONDUIT ETC. BELOW FLOOR, ABOVE CEILING AND BEYOND WALL. PATCH FLOORS, WALLS AND CEILINGS WITH NEW CONSTRUCTION MATCHING EXISTING. CHIP OUT AS REQUIRED TO PROVIDE PROPER BONDING OF NEW TO EXISTING. ALL WORK TO BE COORDINATED/PERFORMED BY THE GENERAL CONTRACTOR. PREPARE FOR NEW FINISHES. SEE FINISH SCHEDULE.

GENERAL CONTRACTOR TO MAKE GOOD ALL FINISHES WHERE MECHANICAL AND ELECTRICAL WORK PENETRATES EXISTING PARTITIONS.

REMOVE EXISTING CEILINGS AS REQUIRED FOR ACCESS TO AND/OR TO PERFORM WORK OF THE PROJECT. REPLACE/REINSTALL CEILINGS TO MATCH EXISTING ADJACENT CEILINGS WERE NOTED.

REMOVE EXISTING WASHROOM ACCESSORIES, ETC. PRIOR TO PAINTING & REINSTALL. TURNOVER TO OWNER IN AREAS OF REMOVALS FOR NEW CONSTRUCTION. COORDINATE WITH OWNER FOR RELOCATION IF REQUIRED.

THE OWNER SHALL RETAIN FIRST RIGHT OF REFUSAL FOR ALL EXISTING MATERIAL TO BE REMOVED. REVIEW WITH OWNER'S REPRESENTATIVE ALL EXISTING MATERIAL PRIOR TO DEMOLITION. CONTRACTOR TO CAREFULLY REMOVE ALL MATERIAL TO BE TURNED OVER TO OWNER AND RELOCATE TO (NOT INSTALL) NEW LOCATION IN BUILDING. ALL MATERIAL NOT RETAINED BY OWNER SHALL BE DISPOSED OF BY THE CONTRACTOR.

PROVIDE ADDITIONAL COATS OF PRIMER PAINT AND BLOCK FILLER PAINT TO EXISTING WALLS WHERE MATERIAL HAS BEEN REMOVED TO ENSURE THAT NEW WALL FINISH WILL LOOK AS EXISTING WALLS WHERE MULTIPLE LAYERS OF PAINT EXIST.

PATCH EXISTING FLOOR FOR NEW FLOOR FINISHES. REMOVE EXISTING ADHESIVES, PAINT AND THE LIKE FOR NEW FINISHES. PATCH HOLES, CHIPS, GOUGES AND THE LIKE. PROVIDE CEMENTITIOUS TOPPING AND OR GRIND FLOOR TO PROVIDE LEVEL TRANSITIONS WHERE EXISTING WALLS REMOVED.

**Universal Washroom Renovation
Holy Angels Learning Center**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

**Level 01
Context Plan**

Dwg. Name: Project Name:

Date: 2026 05 21

Scale: 1:200

Checked by: C Berkenbosch

Drawn by: E. Lavallee

Project No.: 26009

Dwg. No.:

a 0.20

Demolition Plan - Legend

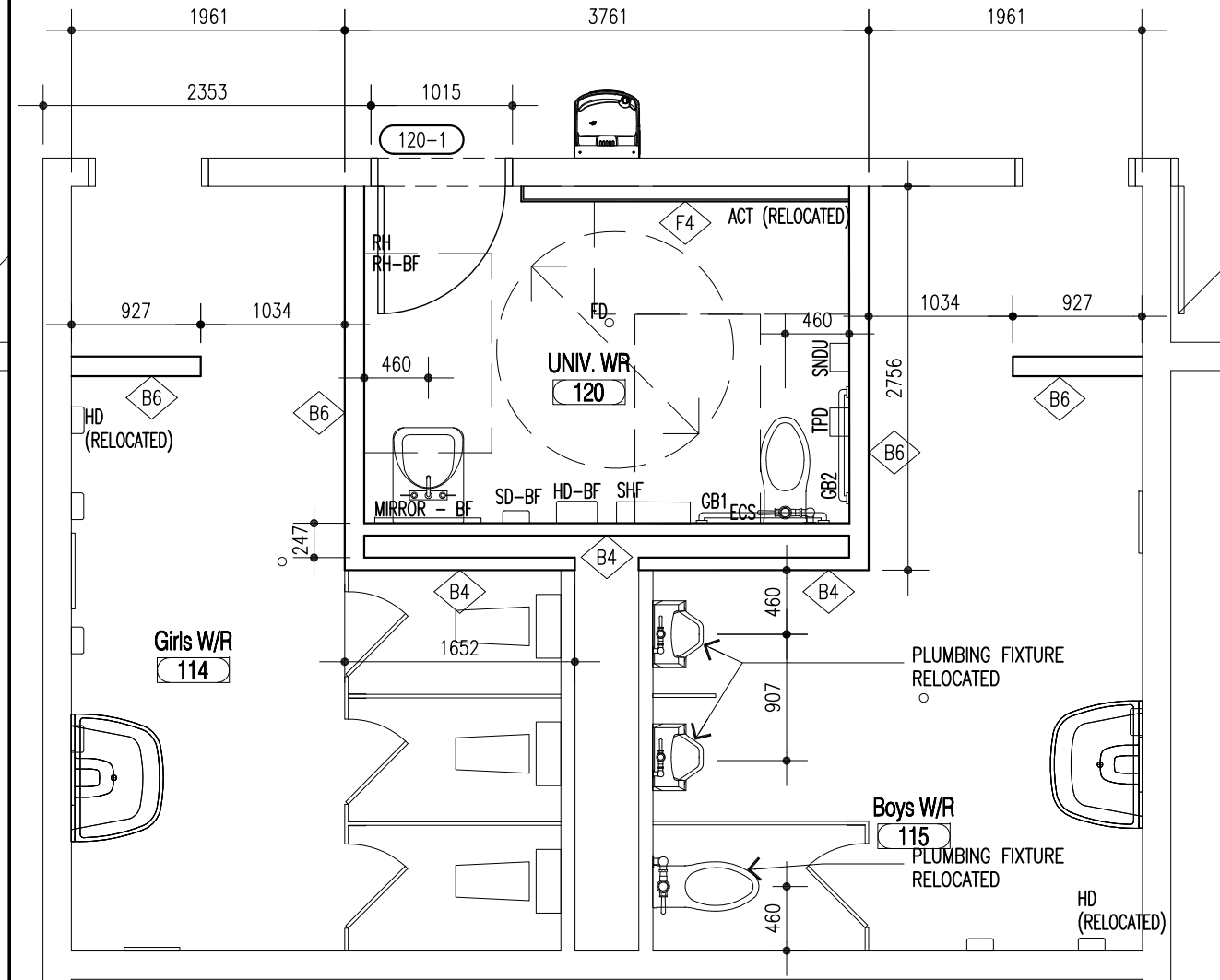
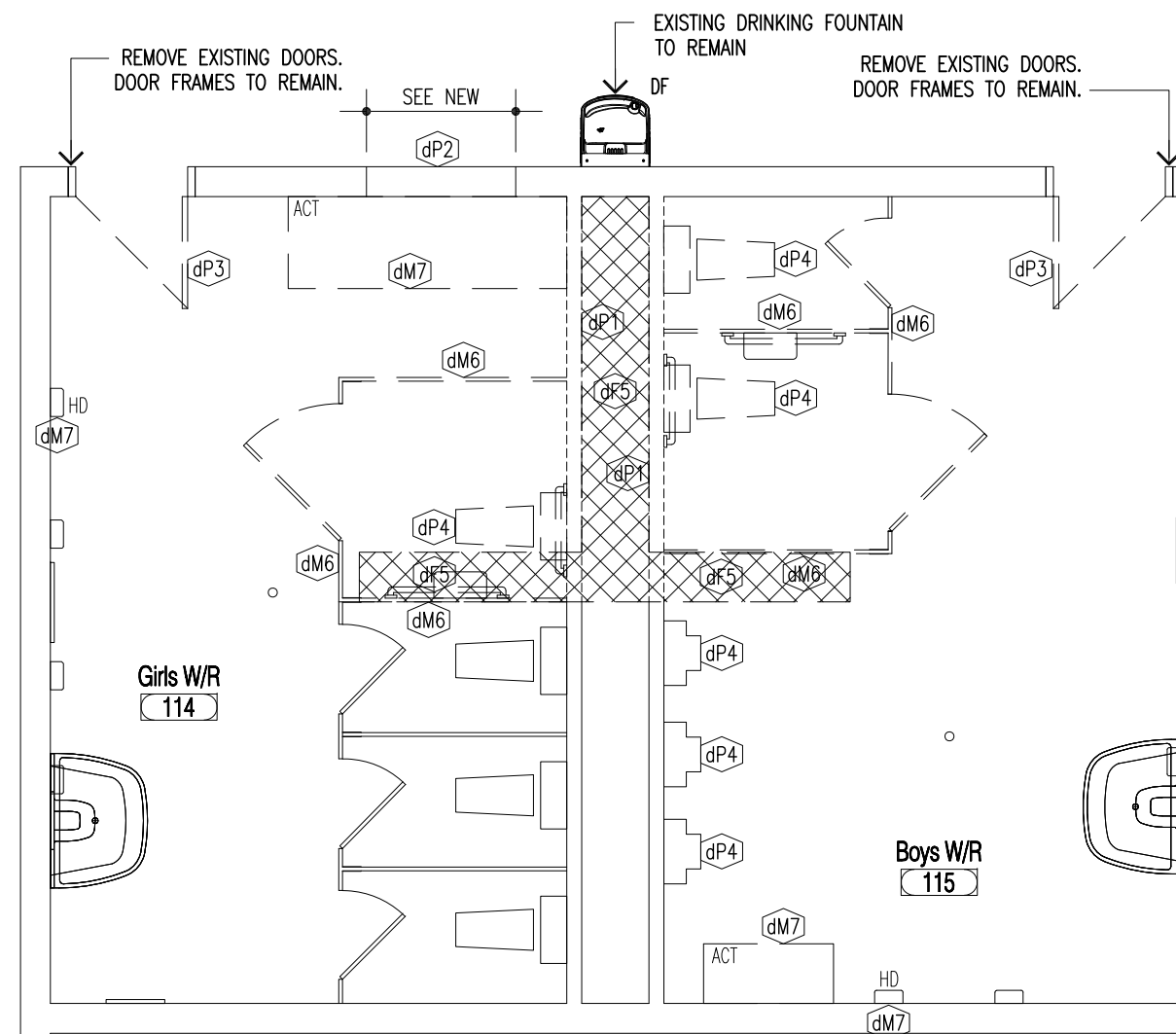
- dP1 INTERIOR CONCRETE BLOCK REMOVAL. SAWCUT AND REMOVE INTERIOR BLOCK WALL TO UNDERSIDE OF DECK. REFER TO NEW CONSTRUCTION.
- dP2 INTERIOR CONCRETE BLOCK REMOVAL TO SUIT NEW DOOR FRAME. PREPARE FOR NEW CONSTRUCTION. REFER TO NEW PLANS AND DOOR SCHEDULE
- dP3 INTERIOR DOOR & HARDWARE REMOVAL. PREPARE FOR NEW CONSTRUCTION, FIRE RATED INFILL FOR NEW WALLS WHERE REQUIRED. REFER TO PLAN & SECTIONS.
- dP4 REMOVE EXISTING PLUMBING FIXTURE AND RETAIN FOR REINSTALLATION OR DISPOSE OF AS NECESSARY. REFER TO NEW CONSTRUCTION AND COORDINATE WITH OWNER REPRESENTATIVE
- dF5 SAWCUT AND REMOVE EXISTING FLOOR SLAB FOR REMOVALS/NEW MECHANICAL/ELECTRICAL. COORDINATE SIZE AND LOCATION WITH MECHANICAL/ELECTRICAL
- dM6 REMOVE TOILET PARTITION & WASHROOM ACCESSORIES. RETAIN FOR REINSTALLATION OR DISPOSE OF AS NECESSARY. REPAIR FLOOR AND WALLS TO SUIT NEW CONSTRUCTION. REFER TO NEW CONSTRUCTION AND COORDINATE WITH OWNER REPRESENTATIVE
- dM7 REMOVE WASHROOM ACCESSORIES AND RETAIN FOR REINSTALLATION. COORDINATE SAW CUTTING OF EXISTING BLOCK TO RECESS ELECTRICAL AND REINSTALLATION OF FLUSH MOUNTED HAND DRYERS. REFER TO NEW CONSTRUCTION.

General Notes:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE THESE DRAWINGS.

GENERAL CONTRACTOR TO MAKE GOOD ALL FINISHES WHERE MECHANICAL AND ELECTRICAL WORK PENETRATES EXISTING PARTITIONS. PATCH WALLS AND FINISHES WHERE MECHANICAL AND ELECTRICAL REVISIONS LEAVE EXPOSED / HOLES IN WALLS AND COORDINATE ALL SAW CUTTING AND PATCHING TO SUIT REQUIREMENTS OF M&E TRADES.

PROVIDE ADDITIONAL COATS OF PRIMER PAINT AND BLOCK FILLER PAINT TO EXISTING WALLS WHERE MATERIAL HAS BEEN REMOVED TO ENSURE THAT NEW WALL FINISH WILL LOOK AS EXISTING WALLS WHERE MULTIPLE LAYERS OF PAINT EXIST.



1r Plan Existing Removals
a 2.00 Scale 1:50

1 Plan - New
a 2.00 Scale 1:50

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision
0. 2026 05 21 - ISSUED FOR TENDER

**Universal Washroom Renovation
Holy Angels Learning Center**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

Dwg. Name: **Level 01 - Washrooms Existing Removals & New**

Date: 2026 05 21
Scale: 1:50
Checked by: C Berkenbosch
Drawn by: E. Lavallee

Project No.: 26009
Dwg. No.: a 2.00

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision
0. 2026 05 21 - ISSUED FOR TENDER

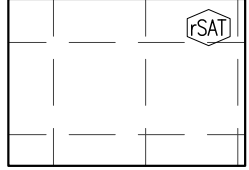
Ceiling Plan Legend

Symbols

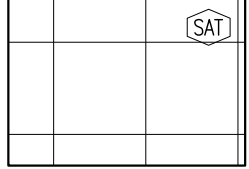
COORDINATE CEILING REMOVALS WITH NEW CONSTRUCTION. REFER TO CEILING PLAN NEW CONSTRUCTION FOR HEIGHT ABOVE FINISHED FLOOR OF EXISTING CEILINGS.

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

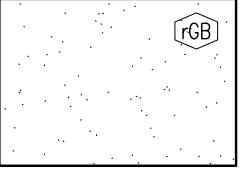
SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR REMOVALS, RECONFIGURATIONS AND NEW CONSTRUCTION OF RESPECTIVE EQUIPMENT



EXISTING SUSPENDED ACOUSTIC CEILING. REMOVE SECTION OF EXISTING SUSPENDED ACOUSTIC TILE CEILING AND SUSPENSION SYSTEM INCLUDING EXISTING MECHANICAL AND ELECTRICAL DEVICES. RETAIN TILES AND STORE IN A CLEAN AND DRY ENVIRONMENT TO INFILL DURING NEW CONSTRUCTION. PREPARE FOR NEW CONSTRUCTION.



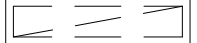
SUSPENDED ACOUSTIC TILE CEILING AND SUSPENSION SYSTEM



EXISTING GYPSUM BOARD CEILING/BULKHEAD AND SUSPENSION SYSTEM, TO REMAIN (HEIGHT ABOVE FINISHED FLOOR)



12x12 LIGHT FIXTURE REFER TO ELECTRICAL



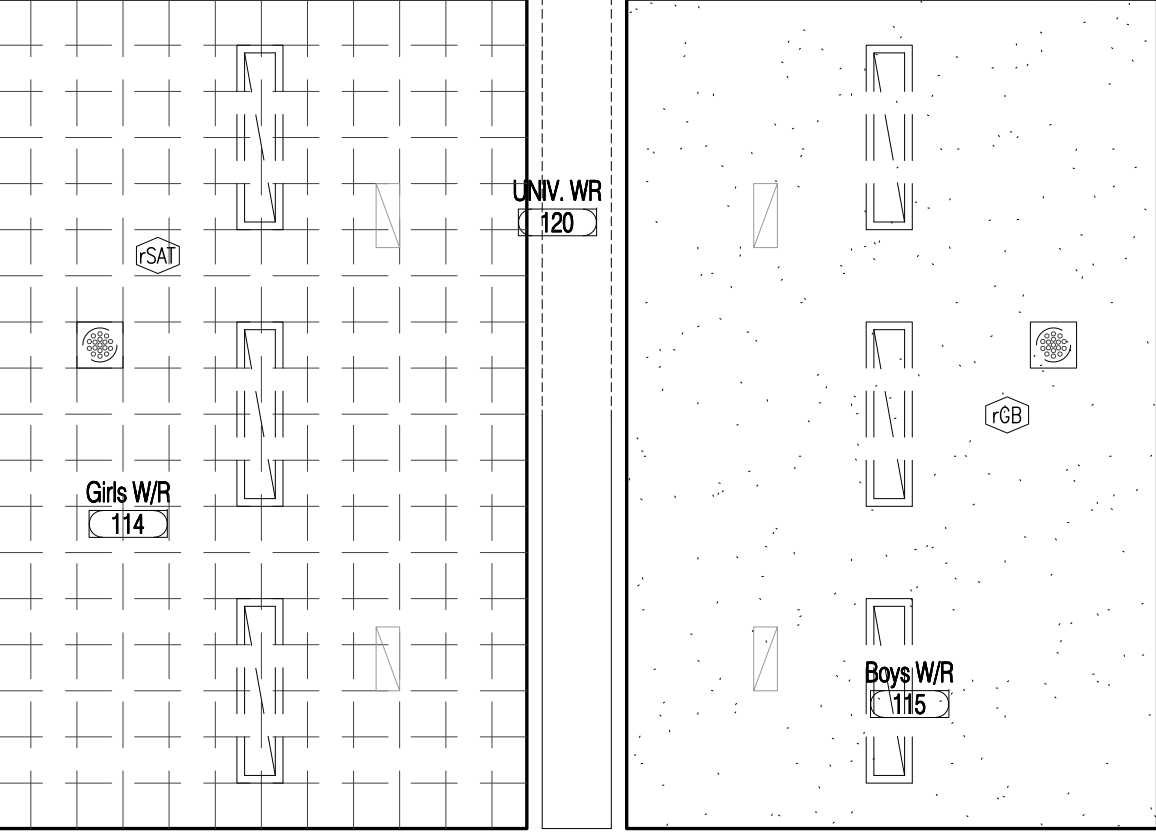
12x48 LIGHT FIXTURE TO BE REMOVED



PATIENT LIFT TRACK REFER TO SPECIFICATIONS AND ELECTRICAL



EXHAUST FAN TO BE REMOVED

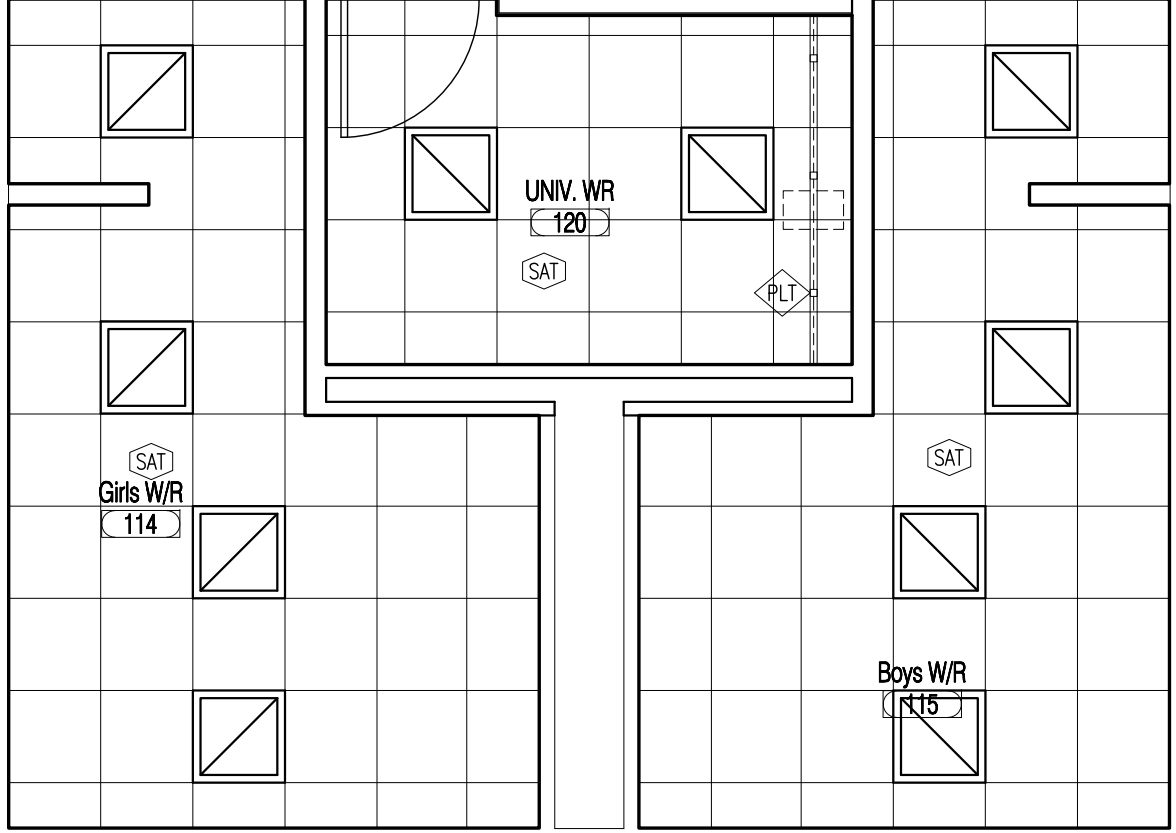


1r

Reflected Ceiling Plan - Existing Removals

a3.00

Scale 1:50



1

Reflected Ceiling Plan - New

a3.00

Scale 1:50

**Universal Washroom Renovation
Holy Angels Learning Center**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

**Level 01 - Reflected Ceiling Plan
Existing Removals & New**

Date: 2026 05 21
Scale: 1:50
Checked by: C Berkenbosch
Drawn by: E. Lavallee

Project No.: 26009

Dwg. No.:

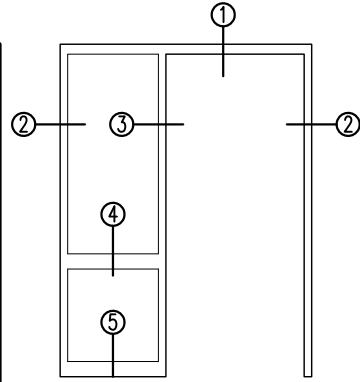
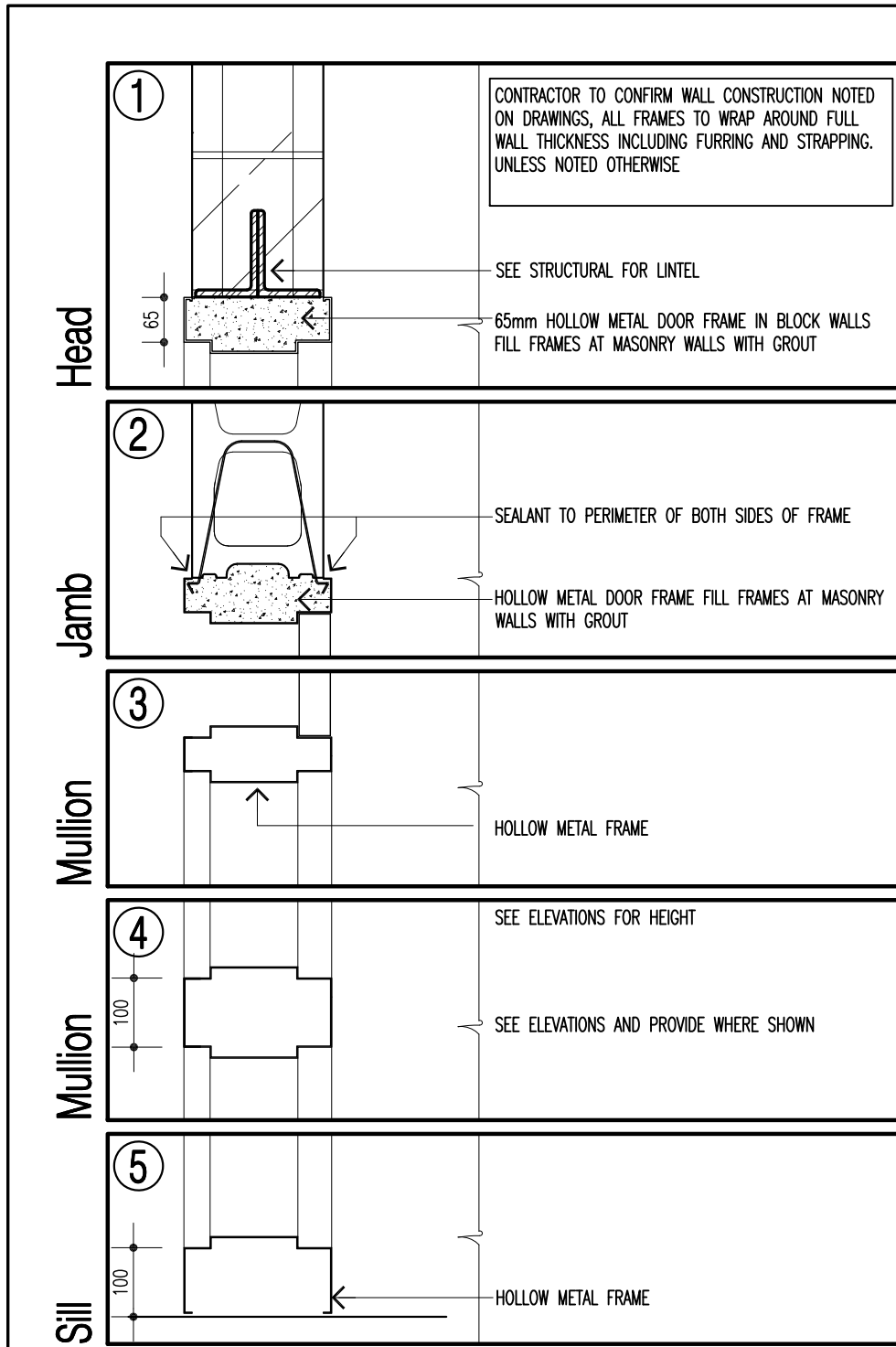
a 3.00

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision



Interior Hollow Metal - Block

Scale 1:10

General	Door and Frame General Notes	
	<p>GENERAL</p> <p>1. WHERE NOT INDICATED OR OTHERWISE DIMENSIONS ALL SCREENS SHALL BE DIVIDED INTO EQUAL SECTIONS.</p> <p>FRAME GENERAL NOTES</p> <p>1. ALL HOLLOW METAL FRAMES SHALL BE WRAP AROUND TYPE UNLESS OTHERWISE NOTED OR DETAILED. CONTRACTOR SHALL REVIEW THE DRAWINGS, DETAILS AND PARTITION TYPES AND CONFIRM THROAT WIDTH REQUIRED INCLUDING ALL STRAPPING AND OTHER ITEMS. PROVIDE CUSTOM THROAT WIDTHS AS REQUIRED.</p>	
Door Types	Hollow Metal and Wood	
	Frame Types	Hollow Metal Door Frames

Universal Washroom Renovation
Holy Angels Learning Center
 102 Wellington Street East, Sault Ste. Marie, Ontario
 for the
 Huron-Superior Catholic District School Board

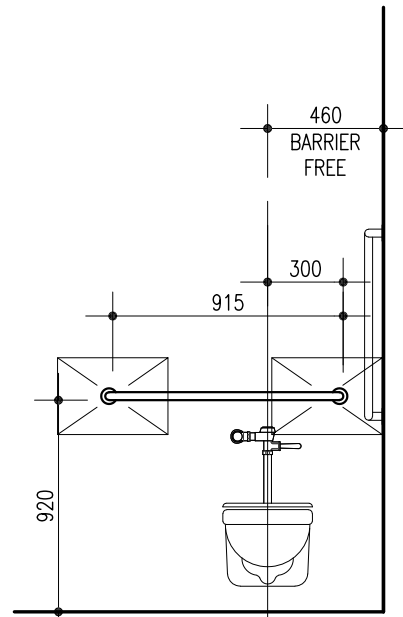
Door Details

Dwg. Name: Project Name:

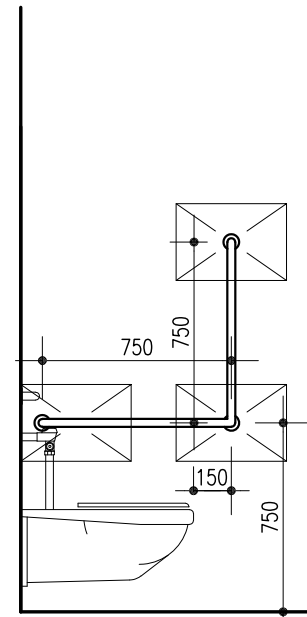
Date:
 Scale: **1:30**
 Checked by: **C Berkenbosch**
 Drawn by: **E. Lavallee**

Project No.: **26009** Dwg. No.: **a 12.00**

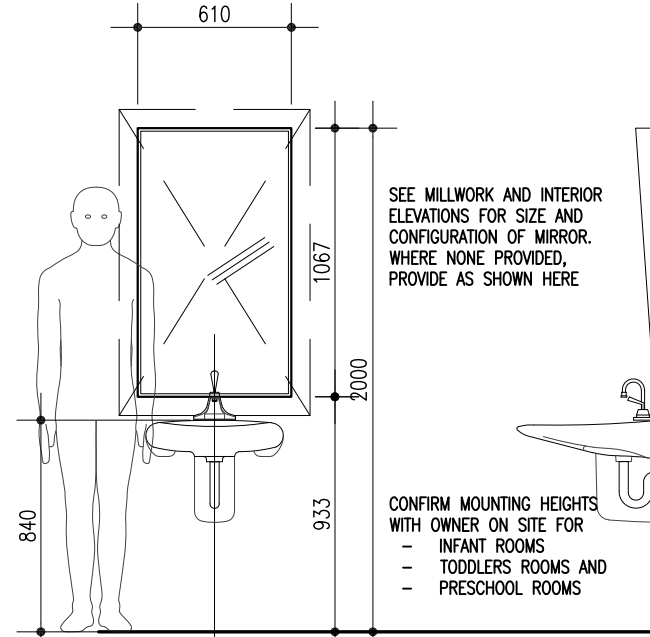
Washroom



GB1 (BEHIND)
GRAB BAR TYPE 1



GB2 (BESIDE)
GRAB BAR TYPE 2

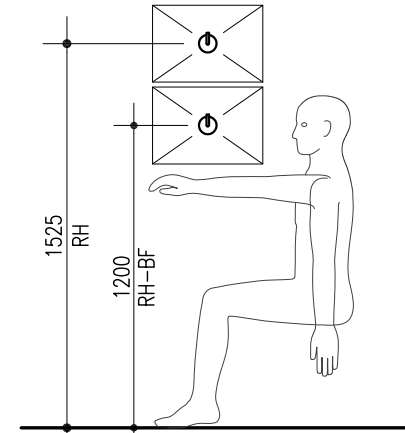


Mir
MIRROR FIXED

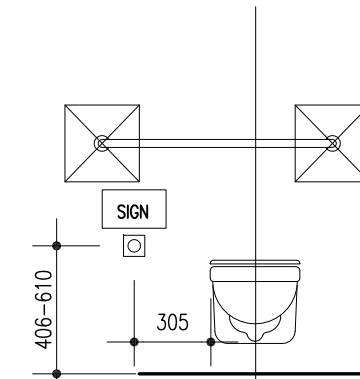
Mir-BF
MIRROR FIXED - BARRIER FREE

SEE MILLWORK AND INTERIOR ELEVATIONS FOR SIZE AND CONFIGURATION OF MIRROR. WHERE NONE PROVIDED, PROVIDE AS SHOWN HERE

CONFIRM MOUNTING HEIGHTS WITH OWNER ON SITE FOR
- INFANT ROOMS
- TODDLERS ROOMS AND
- PRESCHOOL ROOMS

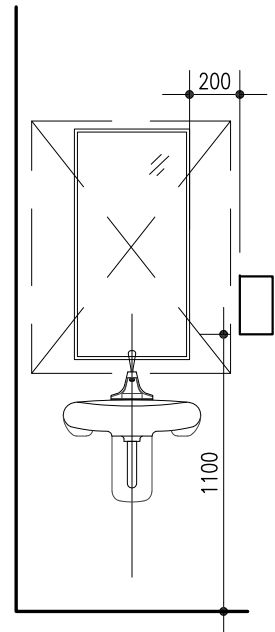


RH AND RH-BF
ROBE HOOK

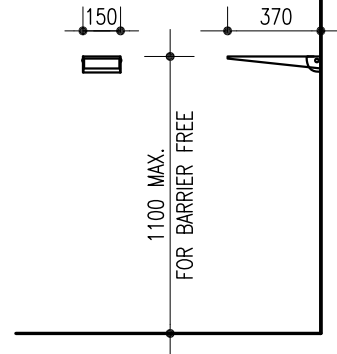


ECS
EMERGENCY CALL SYSTEM
SURFACE MOUNTED WITH SIGNAGE

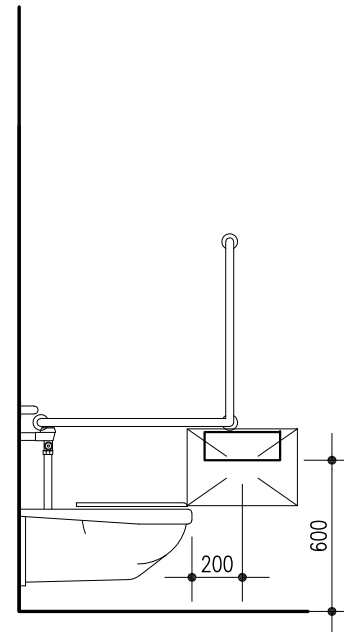
Washroom



SD-BF
SOAP DISPENSER - BARRIER FREE



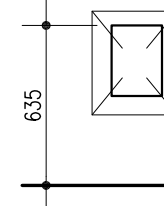
SHF
SHELF



TPD
TOILET PAPER DISPENSER



HD
HAND DRYER



SNDU
SANITARY NAPKIN DISPOSAL UNIT

Specialties General Notes

GENERAL

- UNLESS OTHERWISE NOTED OR DETAILED MOUNT ACCESSORIES AS PER THE FOLLOWING INFORMATION.
- REFER TO ACCESSORIES SCHEDULE, PLANS, DETAIL PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
- WHERE INFORMATION IS UNCLEAR OR A SPECIFIC LOCATION DIFFERS FROM THESE DETAILS, PROVIDE DRAWING OF SPECIFIC LOCATION AND COORDINATE WITH THE CONSULTANT.
- ALL DIMENSIONS PROVIDED ON THE FOLLOWING DRAWINGS ARE FROM FACE OF FINISHED WALL/FLOOR/CEILING. REFER TO ROOM FINISH SCHEDULE FOR FINISHES OF EACH ROOM AND COORDINATE.
- MECHANICAL AND ELECTRICAL ITEMS SHOWN ARE DIAGRAMMATIC, REFER TO AND COORDINATE WITH MECHANICAL AND ELECTRICAL FOR ACTUAL SIZES WHERE REQUIRED.
- WHERE UNITS ARE RECESSED AND/OR SEMI-RECESSED COORDINATE FRAMING AND PROVIDE ADDITIONAL BLOCKING AS REQUIRED FOR UNITS
- WHERE WALL CARRIER HAS NOT BEEN INDICATED ON MECHANICAL FOR LAVATORIES OR URINALS PROVIDE 19mm PLYWOOD BACKING

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision
0. 2026 05 21 - ISSUED FOR TENDER

Universal Washroom Renovation
Holy Angels Learning Center
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

Washroom Specialties

Project Name:

Dwg. Name:

Date: 2026 05 21

Scale: 1:30

Checked by: C Berkenbosch

Drawn by: E. Lavallee

Project No.:
26009

Dwg. No.:

a 13.00

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision
0. 2026 05 21 - ISSUED FOR TENDER

Paint Finish Legend

General Notes

HOLLOW METAL FRAMES & DOORS TO BE PAINTED TO MATCH 21020BC
REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL DETAILS

- PC1 COLOUR MATCH EXISTING
- PC2 VANILLA MILKSHAKE BENJAMIN MOORE 2141-70

Floor Finish Legend

FINISHES PROVIDED ON THESE DRAWINGS ARE INTENDED TO CONVEY FLOOR FINISH MATERIAL SCOPE OF WORK. REFER TO SPECIFICATIONS, DRAWINGS AND DETAILS FOR ADDITIONAL INFORMATION FOR QUANTITIES OF COLOURS TO BE UTILIZED, ADDITIONAL PATTERNING REQUIREMENTS. TO BE PROVIDED BY CONSULTANT UPON MANUFACTURED PRODUCT SELECTIONS.

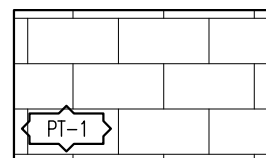
GENERAL CONTRACTOR TO COORDINATE DIRECTIONAL PATTERN OF ALL FLOOR FINISHES WITH ARCHITECT PRIOR TO INSTALLATION.

EXTENT OF REMOVALS FOR THE LOCATION OF KEY-IN METHOD WITH EXISTING FLOOR FINISHES (REFER TO FLOOR PATTERN PATTERN PLANS AND LEGEND) IS ASSUMED AND APPROXIMATE. CONTRACTOR TO DETERMINE THE PRECISE LOCATION THAT WILL BE IMPACTED BY NEW AND RENOVATION CONSTRUCTION ASSOCIATED WITH THIS COMPONENT. THE EXTENT OF REMOVALS, SUBSTRATE PREPARATION AND NEW FLOORING TO BE DETERMINED BY THE CONTRACTOR AND SHALL BE INCLUDED WITHIN THE PRICE.

CONTRACTOR TO COORDINATE EXTENT OF NEW FLOOR FINISHES WITH NEW MILLWORK AND/OR PARTITIONS AS PER THE ARCHITECTURAL DRAWINGS.



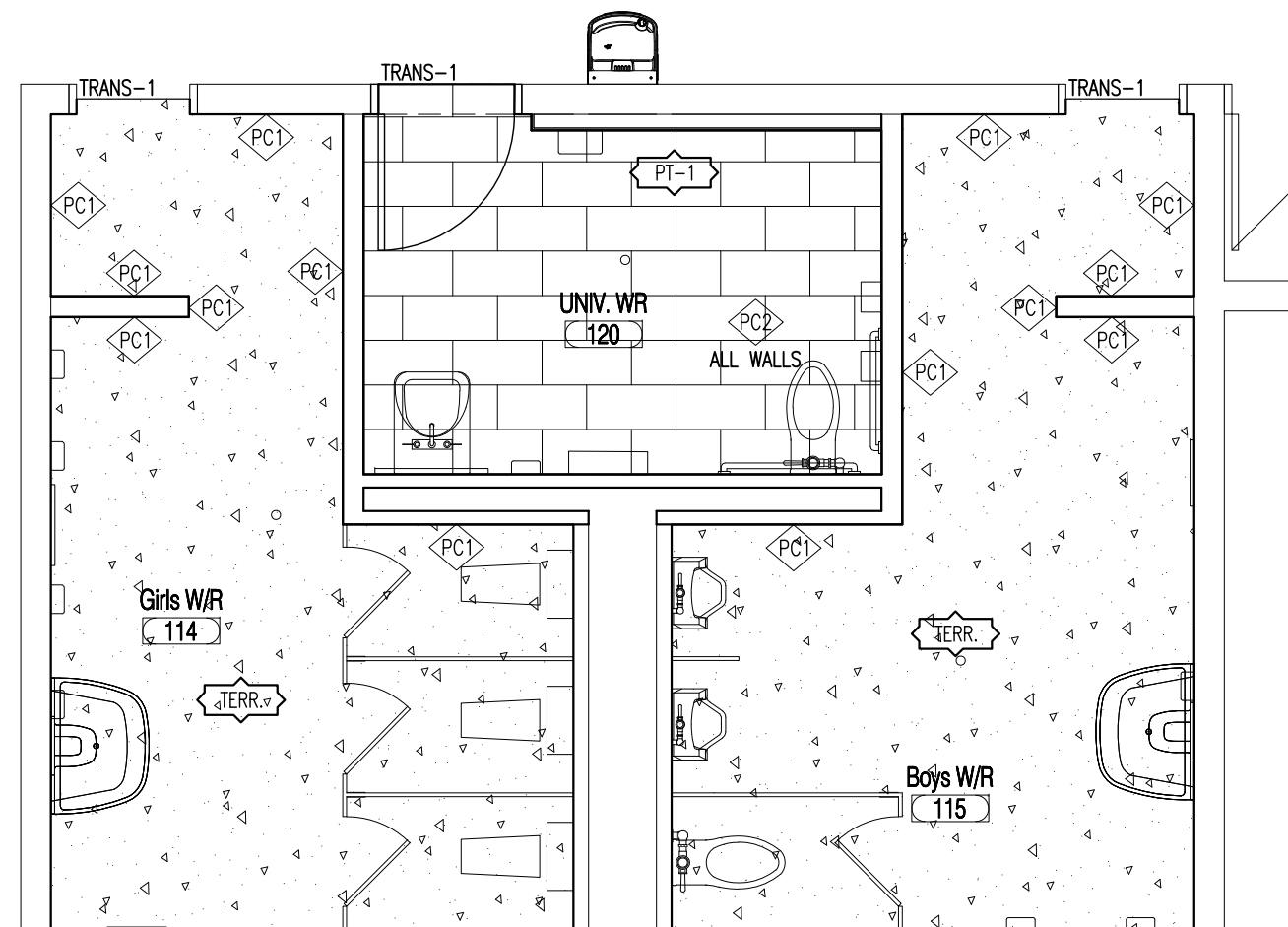
TERRAZZO
EXISTING TERRAZZO TO BE PATCHED/REPAIRED AS REQUIRED
SEE SPECIFICATION



TILE PORCELAIN: (Pt-1)
MANUFACTURER: CENTURA
SERIES: SEE SPEC
COLOR: SEE SPEC
INSTALLATION METHOD: RUNNING BOND
SIZE: SEE SPEC
SEE SPECIFICATION

TRANS-1

TRANSITION STRIPS. DEPTH OF DOOR. SEE SPECIFICATION
FEATHERING IS REQUIRED FOR A LEVEL TRANSITION BETWEEN ALL DISSIMILAR FLOORING MATERIALS.



1
afp 2.00

Floor Patterning & Paint Plan

Scale 1:50

**Universal Washroom Renovation
Holy Angels Learning Center**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

Project Name:

Dwg. Name:

Date: 2026 05 21

Scale: 1:30

Checked by: C Berkenbosch

Drawn by: E. Lavallee

Project No.:
26009

Dwg. No.:

afp 2.00

STRUCTURAL WORK SPECIFICATION

1. GENERAL

- 1.1. COMPLY WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE AND THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
 - 1.1.1. A BUILDING PERMIT IS REQUIRED FOR ALL STRUCTURAL WORKS UNLESS OTHERWISE NOTED BY THE CHIEF BUILDING OFFICIAL OR AUTHORITY HAVING JURISDICTION.
- 1.2. PROVIDE ALL MATERIAL AND LABOUR REQUIRED FOR THE COMPLETION OF THE WORK. BREAKDOWN OF WORK BY TRADE IS FOR GUIDANCE ONLY AND IS NOT NECESSARILY COMPLETE.
- 1.3. REVIEW STRUCTURAL DRAWINGS IN CONJUNCTION WITH THE CONTRACT DOCUMENTS PREPARED BY ALL CONSULTANTS PRIOR TO CONSTRUCTION. REPORT DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- 1.4. DO NOT SCALE THESE DRAWINGS.
- 1.5. COORDINATE ALL OPENINGS, SLEEVES AND EMBEDDED ITEMS IN STRUCTURE WITH THE CONTRACT DOCUMENTS PREPARED BY ALL CONSULTANTS. REPORT ANY CONFLICTS BEFORE PROCEEDING WITH THE WORK.
- 1.6. DO NOT CUT OR DRILL ANY OPENINGS IN STRUCTURAL MEMBERS WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL CONSULTANT UNLESS SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS.

2. TEMPORARY WORKS

- 2.1. STRUCTURAL DRAWINGS SHOW THE INTENT OF THE COMPLETED STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE SCOPE, DESIGN AND ERECTION OF ALL TEMPORARY WORKS THAT ARE NECESSARY TO COMPLETE THE WORK. TEMPORARY WORKS MAY BE REQUIRED THAT ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
- 2.2. CONSTRUCTION LOADS ON THE STRUCTURE SHALL NOT EXCEED DESIGN LOADS INDICATED ON DRAWINGS.
- 2.3. DESIGN AND GENERAL REVIEW OF ALL TEMPORARY WORKS TO BE CARRIED OUT BY A PROFESSIONAL ENGINEER (LICENSED AND INSURED TO PRACTICE IN ONTARIO) RETAINED BY THE CONTRACTOR.
- 2.4. MAKE GOOD ALL EXISTING WORK DISTURBED BY TEMPORARY CONSTRUCTION OPERATIONS.

3. EXISTING STRUCTURES

- 3.1. VERIFY EXISTING DIMENSIONS AND CONDITIONS ON SITE PRIOR TO CONSTRUCTION.
- 3.2. EXISTING STRUCTURAL INFORMATION IS BASED UPON DRAWINGS PREPARED BY D. PERRY SHORT ARCHITECT, DATED OCTOBER 7, 1966.
- 3.3. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING STRUCTURES DURING CONSTRUCTION.
- 3.4. INSTALL AND AFTERWARDS REMOVE ALL TEMPORARY SHORING AND BRACING REQUIRED TO ENSURE THE INTEGRITY OF THE EXISTING STRUCTURE DURING CONSTRUCTION. SHORING INDICATED ON THE STRUCTURAL DRAWINGS DOES NOT REMOVE THE CONTRACTOR'S RESPONSIBILITY FOR DETERMINING WHERE SHORING WILL BE REQUIRED.
- 3.5. EXISTING CONDITIONS ARE ASSUMED. REPORT ANY VARIATIONS TO THE STRUCTURAL CONSULTANT BEFORE PROCEEDING WITH THE WORK.

4. INSPECTION AND TESTING

- 4.1. COOPERATE WITH CONSULTANTS DOING GENERAL REVIEW AND ALL INSPECTION AND TESTING AGENCIES. PROVIDE SAFE ACCESS TO WORK AREAS AS REQUIRED AND ASSIST IN THEIR WORK. PROVIDE REASONABLE NOTICE (NOT LESS THAN 48 HOURS) PRIOR TO CONCEALING ANY WORK THAT REQUIRES INSPECTION, REVIEW, OR TESTING. SCHEDULE THIS WORK TO OCCUR DURING NORMAL BUSINESS HOURS. ENSURE THAT THE WORK TO BE REVIEWED IS SUBSTANTIALLY COMPLETE IN TIME FOR THE REVIEW.
- 4.2. THE STRUCTURAL CONSULTANT WILL PROVIDE GENERAL REVIEW OF THE WORK DESIGNED BY THE CONSULTANT ON A RATIONAL SAMPLING BASIS IN ACCORDANCE WITH THE GUIDELINE: "PROFESSIONAL ENGINEERS PROVIDING GENERAL REVIEW OF CONSTRUCTION AS REQUIRED BY THE ONTARIO BUILDING CODE" AS PREPARED BY PROFESSIONAL ENGINEERS ONTARIO. THESE REVIEWS DO NOT ALLEVIATE THE CONTRACTOR OF THEIR RESPONSIBILITY TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS WITH AN APPROPRIATE QUALITY CONTROL PROGRAM.
- 4.3. ENSURE THAT GENERAL REVIEW IS PROVIDED FOR ALL STRUCTURAL WORK DESIGNED BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR. GENERAL REVIEW TO BE BY THE ENGINEER RESPONSIBLE FOR THE DESIGN OR BY ANOTHER PROFESSIONAL ENGINEER LICENSED AND INSURED IN ONTARIO. SUBMIT GENERAL REVIEW REPORTS FOR REVIEW.
- 4.4. WORK DEEMED NON-COMPLIANT BY THE INSPECTOR OR CONSULTANT IS TO BE REMEDIATED AND RE-INSPECTED. ALL COSTS ASSOCIATED WITH ADDITIONAL INSPECTIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

5. CONCRETE

- 5.1. CONFORM TO CSA A23.1: "CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION".
- 5.2. CONCRETE IS SPECIFIED AS PER THE "PERFORMANCE SPECIFICATION" ALTERNATIVE AS OUTLINED IN CAN/SCA-A23.1, TABLE 5. THE CONTRACTOR AND THE CONCRETE SUPPLIER TO MEET ALL CERTIFICATION, DOCUMENTATION, AND QUALITY CONTROL REQUIREMENTS.
- 5.3. THE CONCRETE SUPPLIER TO BE CERTIFIED BY THE READY-MIXED CONCRETE ASSOCIATION OF ONTARIO.
- 5.4. THE CONTRACTOR AND THE CONCRETE SUPPLIER ARE TO ENSURE THAT THE PLASTIC AND HARDENED MIX PROPERTIES MEET SITE REQUIREMENTS FOR PLACING, FINISHING AND THE OWNERS' PERFORMANCE REQUIREMENTS.
- 5.5. CEMENT TO BE PORTLAND CEMENT TYPE GU UNLESS NOTED OTHERWISE OR REQUIRED BY EXPOSURE CLASS.
- 5.6. CONCRETE TO BE NORMAL DENSITY UNLESS NOTED OTHERWISE.
- 5.7. NOMINAL SIZE OF COURSE AGGREGATE TO BE 20 mm (3/4") UNLESS NOTED OTHERWISE.
- 5.8. CONCRETE PROPERTIES:

ELEMENT	CLASS	EXP	f _c (MPa)	ENT AIR	MAX W/C	CURING TYPE
SLABS-ON-GRADE WITH RESILIENT FLOOR FINISHES	N		25		0.45	BASIC

- 5.9. PREMIXED GROUT TO BE NON-SHRINK, 40 MPa MINIMUM AT 28 DAYS. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS.
- 5.10. PLACE CONCRETE AS CLOSE AS POSSIBLE TO FINAL LOCATION TO AVOID SEGREGATION. VIBRATE ALL CONCRETE.
- 5.11. DO NOT ELIMINATE, CUT, OR DISPLACE REINFORCING TO ACCOMMODATE MECHANICAL AND ELECTRICAL SLEEVES, OPENINGS OR HARDWARE.
- 5.12. UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS, FINISHES ARE TO BE AS FOLLOWS:
 - 5.12.1. INTERIOR SLABS: POWERED STEEL TROWEL

6. REINFORCING STEEL

- 6.1. REINFORCEMENT TO CONFORM TO:
 - 6.1.1. WELDED WIRE FABRIC: ASTM A185/A185M.
- 6.2. PROVIDE SUFFICIENT CHAIRS TO REINFORCING TO MAINTAIN SPECIFIED CONCRETE COVER.
- 6.3. ALL REINFORCING TO BE CLEAN, FREE OF LOOSE SCALE, OIL, DIRT, RUST, AND ANY OTHER FOREIGN COATING THAT AFFECT BONDING CAPACITY.

7. STRUCTURAL STEEL

- 7.1. CONFORM TO CAN/CSA S16: "LIMIT STATES DESIGN OF STEEL STRUCTURES"
- 7.2. FABRICATOR SHALL BE CERTIFIED BY THE CANADIAN WELDING BUREAU UNDER REQUIREMENTS OF CSA W47.1, DIVISION 1 OR 2.
- 7.3. MATERIALS:
 - 7.3.1. ANGLES: CAN/CSA G40.21, 300W
 - 7.3.2. WELDING: CAN/CSA W59
- 7.4. DO NOT CUT HOLES OR OTHERWISE MODIFY STRUCTURAL MEMBERS ON SITE.
- 7.5. SHOP PAINTING
 - 7.5.1. CLEAN ALL MEMBERS TO SSPC-SP2 HAND TOOL CLEANING UNLESS OTHERWISE NOTED.
 - 7.5.2. PREPARE SURFACE AND PROVIDE SHOP PRIMER TO CISC/CPMA STANDARD 2-75 TO MEMBERS RECEIVING FINISH TOP COAT. REFER TO THE ARCHITECTURAL DRAWINGS.
 - 7.5.3. TOUCH-UP PAINT AFTER ERECTION.
- 7.6. PLACE VERTICAL LEGS TOGETHER AND WELD MULTIPLE ANGLE LINTELS UNLESS OTHERWISE NOTED.

8. DESIGN DATA (NEW STRUCTURE)

- 8.1. STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE ONTARIO BUILDING CODE 2024 SUPPLEMENTED BY THE USER'S GUIDE - NBC 2020 STRUCTURAL COMMENTARIES (PART 4 OF DIVISION B).
- 8.2. CLIMATIC LOCATION: SAULT STE. MARIE, ONTARIO
- 8.3. IMPORTANCE CATEGORY: HIGH
 - 8.3.1. UNLESS OTHERWISE NOTED, DESIGN LOADS SHOWN ARE SPECIFIED (UNFACTORED). FOR POINT LOADS, IF ONLY ONE LOAD IS GIVEN, CONSIDER IT LIVE LOAD.



seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor.

revision
0. 2026 05 21 - Issued for Tender

Universal Washroom Renovation
Holy Angels Learning Centre
 102 Wellington Street East, Sault Ste. Marie, Ontario
 for the
 Huron Superior Catholic District School Board
Structural Work Specification

Project Name: Dwg. Name:

Date: 2026-05-21
 Scale: n.t.s.
 Checked by: smc
 Drawn by: smc

Project No.: 26090A
 Dwg. No.: s0.00

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor.

revision
0. 2026 05 21 - Issued for Tender

**Universal Washroom Renovation
Holy Angels Learning Centre**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron Superior Catholic District School Board

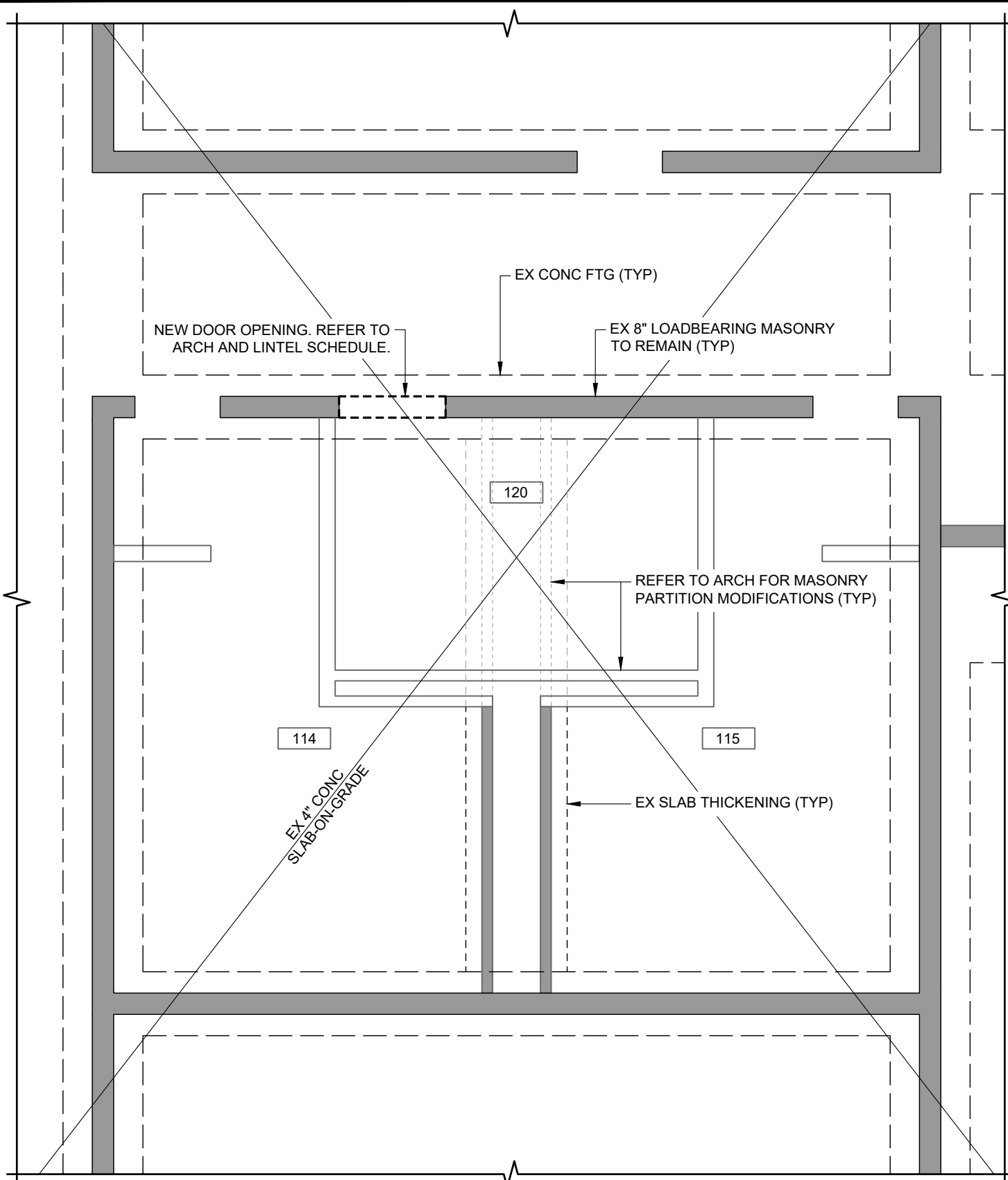
Dwg. Name: Foundation and Ground Floor Plan and Typical Details
Project Name:

Date: 2026-05-21
Scale: as noted
Checked by: smc
Drawn by: smc

Project No.: 26090A
Dwg. No.: s1.00

FOUNDATION AND GROUND FLOOR PLAN NOTES

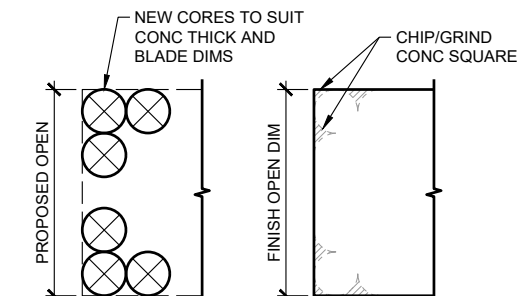
1. SEE GENERAL REQUIREMENTS ON DRAWING s0.00.
2. CONCRETE SLABS-ON-GRADE:
 - 2.1. REMOVE AND REINSTATE SLAB-ON-GRADE AS REQUIRED TO MATCH EXISTING PER TYPICAL DETAILS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS.
 - 2.2. REINSTATEMENT OF SLAB THICKENING NOT REQUIRED AT NEW PARTITIONS.
 - 2.3. MAINTAIN SLAB-ON-GRADE THICKNESS AND SLOPE TO DRAINS.
3. NEW OPENINGS IN EXISTING LOADBEARING MASONRY:
 - 3.1. REFER TO NOTES AND LINTEL SCHEDULE ON DRAWING s2.00.



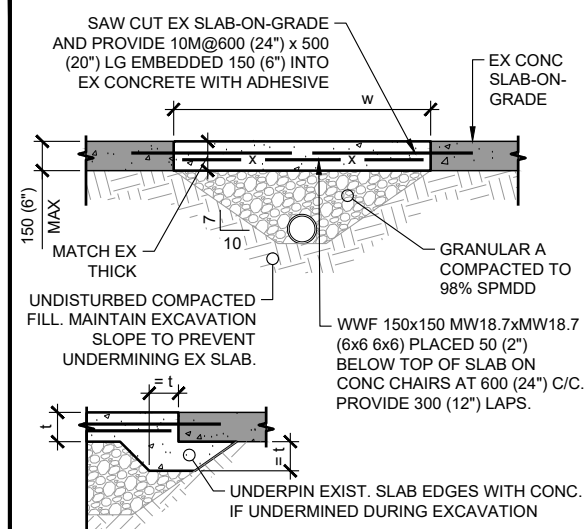
PARTIAL FOUNDATION AND GROUND FLOOR PLAN

SCALE: 1:50

PRELIMINARY
NOT FOR CONSTRUCTION



TYPICAL DETAIL TDC18
SAWCUTTING EXISTING CONCRETE WALL OR SLAB



TYPICAL DETAIL TDC23
TRENCHING IN EXISTING CONCRETE SLAB-ON-GRADE

PROCEDURE:

1. ONLY SAWCUT EXISTING CONCRETE WHERE DIRECTED TO DO SO IN THE STRUCTURAL CONTRACT DOCUMENTS.
2. LOCATE ALL ELECTRICAL SERVICES IN THE CONCRETE PRIOR TO CUTTING.
3. LOCATE ALL EXISTING REINFORCING STEEL PRIOR TO CUTTING IF DIRECTED TO DO SO IN THE CONTRACT DOCUMENTS.
4. PROVIDE CORE HOLES AT EACH CORNER AND AT ENDS OF SAWCUTS OF SUFFICIENT NUMBER AND DIAMETER TO ACCOMMODATE CONCRETE THICKNESS AND BLADE RADIUS.
5. SAWCUT BETWEEN CORE HOLES. DO NOT OVER CUT.
6. CHIP CORNERS SQUARE AND GRIND FINIS BETWEEN CORES TO OPENING DIMENSIONS NOTED.

SAWCUT EX SLAB-ON-GRADE AND PROVIDE 10M@600 (24") x 500 (20") LG EMBEDDED 150 (6") INTO EX CONCRETE WITH ADHESIVE

150 (6") MAX
MATCH EX THICK
UNDISTURBED COMPACTED FILL. MAINTAIN EXCAVATION SLOPE TO PREVENT UNDERMINING EX SLAB.
EX CONC SLAB-ON-GRADE
GRANULAR A COMPACTED TO 98% SPMDD
WWF 150x150 MW18.7xMW18.7 (6x6 6x6) PLACED 50 (2") BELOW TOP OF SLAB ON CONC CHAIRS AT 600 (24") C/C. PROVIDE 300 (12") LAPS.
UNDERPIN EXIST. SLAB EDGES WITH CONC. IF UNDERMINED DURING EXCAVATION

- CONFIRM EX SLAB THICKNESS PRIOR TO CUTTING.
- INFILL WITH 25 MPa CONCRETE, MAX W/C RATIO = 0.45 UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS.
- PROVIDE CONTRACTION JOINTS IN NEW CONCRETE WHEN w > 2400 (8'-0")

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor.

revision
0. 2026 05 21 - Issued for Tender

**Universal Washroom Renovation
Holy Angels Learning Centre**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron Superior Catholic District School Board

**Second Floor Framing Plan
and Lintel Schedule**

Dwg. Name: _____
Project Name: _____

Date: 2026-05-21
Scale: as noted
Checked by: smc
Drawn by: smc

Project No.: 26090A
Dwg. No.: s2.00

FLOOR PLAN NOTES

- SEE GENERAL REQUIREMENTS ON DRAWING s0.00.
- FLOOR DATUM ELEVATION IS LEVEL WITH EXISTING.
- DESIGN LOADS (NEW STRUCTURE):
 - DEAD LOAD (kPa / PSF):

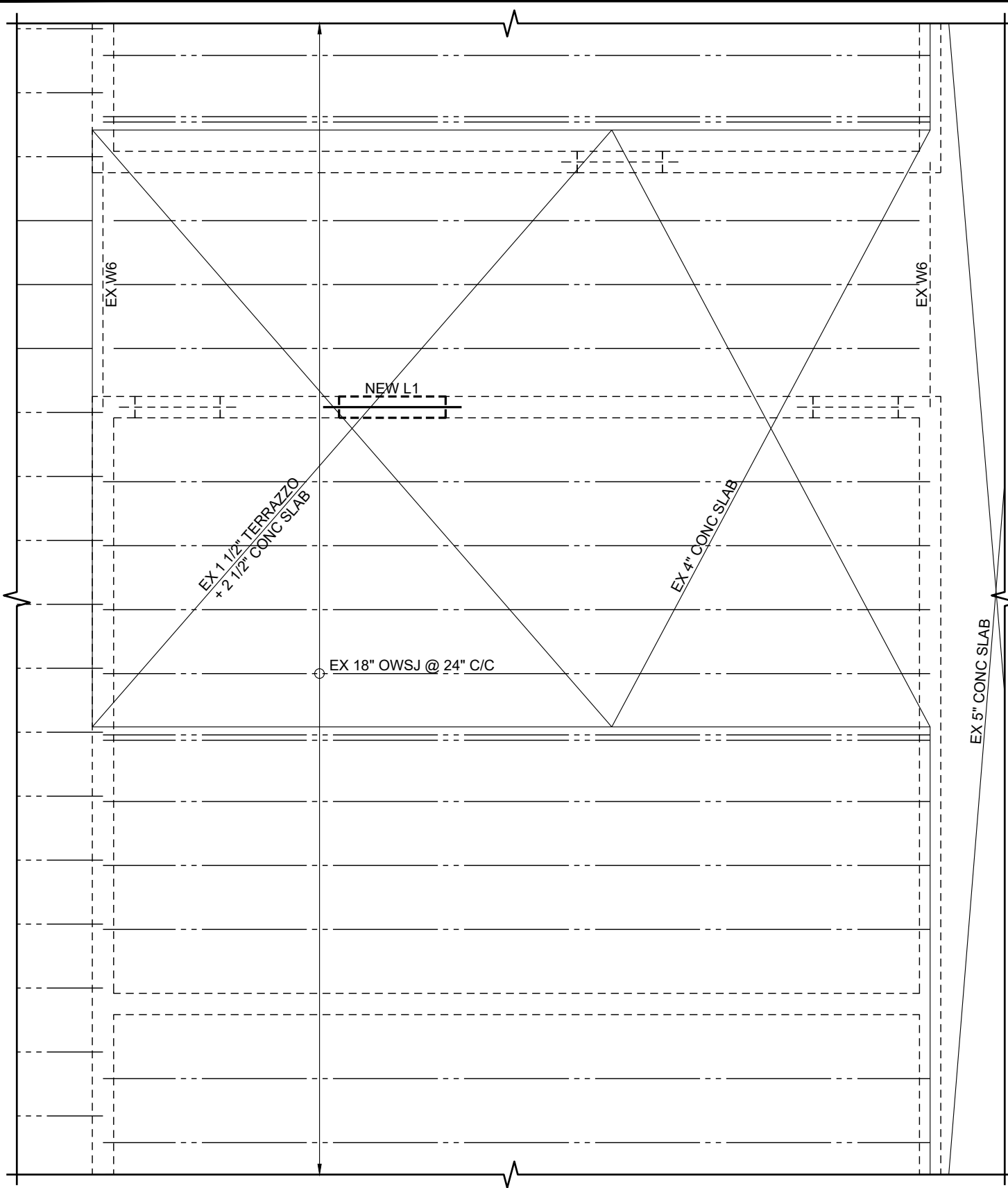
PARTITIONS -	1.0 / 21
FLOORING + STRUCTURE -	3.0 / 63
MECH + ELEC -	0.3 / 6
CEILING -	0.5 / 10
<hr/>	
	4.8 kPa / 100 PSF
 - LIVE LOAD (kPa / PSF):

CLASSROOM -	2.4 / 50
CORRIDORS AND STAIRS -	4.8 / 100
 - CONCENTRATED LIVE LOAD: 4.5 kN (1,000 LBS) ACTING ON AN AREA OF 750 x 750 (30" x 30") AT ANY LOCATION PER TABLE 4.1.5.9 OF THE OBC.
- NEW OPENINGS IN EXISTING LOADBEARING MASONRY:
 - REFER TO NOTES AND LINTEL SCHEDULE.

PRELIMINARY
NOT FOR CONSTRUCTION

NEW OPENINGS IN EXISTING LOADBEARING MASONRY

- REFER TO ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATIONS OF NEW OPENINGS IN EXISTING MASONRY WALLS. FINAL LOCATION/COORDINATION TO ACCOMMODATE INSTALLATION LIMITATIONS NOTED HEREIN IS THE RESPONSIBILITY OF THE CONTRACTOR. NOTIFY THE CONSULTANT IMMEDIATELY OF ANY DEVIATIONS, CONFLICTS, AND/OR ADDITIONAL OPENINGS PRIOR TO COMMENCING WITH THE WORK.
- OPENING LIMITATIONS:
 - NEW DOOR OPENINGS TO MATCH ROUGH OPENING DIMENSIONS NOTED ON ARCHITECTURAL DRAWINGS. NOTIFY THE CONSULTANT IMMEDIATELY IF ANY OF THE PROPOSED OPENINGS EXCEED THE SIZE NOTED IN THE LINTEL SCHEDULE.
- MASONRY REMOVALS:
 - REMOVE EXISTING MASONRY TO THE EXTENT REQUIRED USING SUFFICIENT CARE SO AS NOT TO DISTURB SOUND MASONRY TO REMAIN.
 - PROVIDE CLEAN, STRAIGHT LINES AT SAWCUT LOCATIONS. DO NOT CUT INTO THE BACK-UP STRUCTURE. DO NOT OVERCUT INTO ADJACENT MASONRY OR STRUCTURAL COMPONENTS. STOP SAWCUT SHORT OF REMOVAL LIMITS AND REMOVE REMAINING MASONRY BY HAND WITH HAMMER AND CHISEL.
 - ENSURE EXISTING FRAMING REMAINS ADEQUATELY SUPPORTED THROUGHOUT CONSTRUCTION.
- NEW STEEL LINTELS:
 - REFER TO STEEL LINTEL SCHEDULE FOR NEW STEEL LINTELS IN EXISTING MASONRY WALLS. CONTRACTOR TO SITE VERIFY ESTIMATED QUANTITIES.
 - VERIFY EXISTING WALL THICKNESS AND CONSTRUCTION PRIOR TO FABRICATING LINTELS. NOTIFY THE CONSULTANT OF ANY DISCREPANCIES.
 - SET UNDERSIDE OF LINTELS AT HEADS OF OPENINGS. REFER TO ARCHITECTURAL.
 - PROVIDE 6" MIN BEARING AT EACH END OF LINTEL. SOLID GROUT EXISTING MASONRY AROUND ANGLES AND 2 COURSES MINIMUM x 400 (16") WIDE BELOW BEARING LOCATIONS. FORM AND SOLID-GROUT FROG-ENDS AND/OR PARTIALLY EXPOSED CORES.
 - MULTIPLE ANGLE LINTELS TO BE INSTALLED BACK-TO-BACK AND CONCEALED WITHIN MASONRY. PLACE VERTICAL LEGS TOGETHER AND CONNECT WITH 1/4" WELDS x 2" LONG AT 16" C/C TOP AND BOTTOM.
 - LLV = LONG-LEG VERTICAL



PARTIAL SECOND FLOOR FRAMING PLAN

SCALE: 1:50

LINTEL SCHEDULE

HOLY ANGELS LEARNING CENTRE

ARCH DOOR REF.	WALL ASSEMBLY	ROUGH OPENING WIDTH	LINTEL DESIGNATION	LINTEL
120-1	190 BLOCK	±1015 mm	"NEW L1"	JL 2-L127x89x6.4 (LLV)

MECHANICAL NOTES

GENERAL	
1.	CONFORM TO INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS AND GENERAL REQUIREMENTS
2.	THIS SECTIONS SHALL APPLY TO DIVISIONS 21, 22, 23
3.	BEFORE SUBMITTING TENDERS, EXAMINE SITE, AND ALL DRAWINGS. EXTRAS WILL NOT BE ALLOWED FOR FAILURE TO DO SO
4.	PROVIDE ALL LABOUR, MATERIALS AND EQUIPMENT NECESSARY TO EXECUTE THE WORK SHOWN AND DESCRIBED. INSTALLATION OF MATERIALS SHALL MEET ALL APPLICABLE PROVINCIAL, FEDERAL AND MUNICIPAL REQUIREMENTS. (NBC AND OBC STANDARDS)
5.	OBTAIN PERMITS AND PAY ALL FEES FOR WORK AND REQUIRED INSPECTIONS
6.	MAINTAIN LIABILITY INSURANCE TO PROTECT OWNER AND THE CONTRACTOR FROM ANY AND ALL CLAIMS UNDER THE WORKER'S COMPENSATION ACT
7.	ALL MATERIALS SHALL CONFORM TO CSA, HEPC AND CEC REQUIREMENTS AND SHALL BEAR CSA LABEL.
8.	SUBMIT SAMPLES OF MATERIALS WHEN REQUIRED
9.	SUBMIT SHOP DRAWINGS FOR REVIEW COVERING MANUFACTURED ITEMS, IE. PLUMBING FIXTURES, GRILLES AND DIFFUSERS, ETC.
10.	ALL POWER WIRING BY ELECTRICAL CONTRACTOR, CONTROL AND INTERLOCK WIRING BY CONTROLS CONTRACTOR
11.	MECHANICAL TRADES TO SUPPLY ALL NECESSARY ACCESS DOORS FOR MECHANICAL EQUIPMENT. TURN OVER TO DIVISION 9 FOR INSTALLATION
12.	EXCAVATION AND BACK FILLING FOR MECHANICAL WORK WILL BE CARRIED OUT BY OWN FORCES.
13.	PIPE HANGERS SHALL BE CLEVIS SPLIT TYPE WITH MILD STEEL RODS. FOR COPPER PIPE USE PLASTIC INSERTS. DO NOT SUPPORT EQUIPMENT OR PIPING FROM UNDER ROOF DECK WITHOUT PERMISSION FROM CONSULTANT. SUPPLY AND INSTALL NECESSARY STEEL TO TRANSFER LOAD TO STRUCTURAL MEMBERS
14.	ALL DISSIMILAR METAL (STEEL, COPPER ETC.) SHALL BE SEPARATED USING GASKETS OR ENPOCO 'DELECTRIC' FITTINGS
15.	INSTALL CHROME PLATED ESCUTCHEONS WHERE BRANCH PIPES PASS THROUGH FINISHED SURFACE
16.	KEEP ACCURATE RECORD OF 'AS-BUILT' DRAWINGS AND SUBMIT THESE BEFORE FINAL CERTIFICATE OF COMPLETION. BURIED SERVICES MUST BE DIMENSIONED.
17.	ALL SURFACES MUST BE LEFT CLEAN AND SMOOTH, READY FOR PAINTING BY GENERAL TRADES
18.	IDENTIFY ALL EQUIPMENT AND SERVICES IN ACCORDANCE OF THE SPECIFICATIONS
19.	ON COMPLETION OF THE WORK, REMOVE FROM THE PREMISES ALL TOOLS, DEBRIS, SURPLUS AND WASTE MATERIALS RESULTING FROM OPERATIONS UNDER THIS SECTION. CLEAN ALL EQUIPMENT AND LEAVE ALL ITEMS IN PERFECT ORDER READY FOR OPERATION
20.	AFTER ACCEPTANCE OF THE WORK AND ALL CLOSE OUT DOCUMENTATION PROVIDE TRAINING FOR THE OWNERS DESIGNATED PERSONNEL ON SYSTEM OPERATIONS AND MAINTENANCE REQUIREMENTS.
21.	THE CONTRACTOR SHALL, BEFORE FINAL PAYMENT IS MADE, GUARANTEE ALL MATERIALS AND WORKMANSHIP SUPPLIED BY HIM IN THE PERFORMANCE OF THIS CONTRACT FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL AND SHALL, WHEN CALLED UPON, MAKE GOOD WITHOUT FURTHER COST TO THE OWNER SUCH DEFECTS AS MAY APPEAR WITHIN THIS PERIOD

GENERAL REMOVALS NOTES

1.	DESIGNATED SUBSTANCE ARE PRESENT WITHIN THE CONSTRUCTION ZONE. REFER TO THE OWNERS DESIGNATED SUBSTANCE SURVEY AND COORDINATE REQUIRED REMOVALS (BY OTHERS) WITH THE G.C. IN ACCORDANCE WITH SECTION 02 82 00 HAZARDOUS MATERIAL ABATEMENT.
2.	LOCATIONS AND ROUTING OF ALL EXISTING EQUIPMENT AND SERVICES SHOWN ARE APPROXIMATE BASED ON VISUAL INSPECTION AND INFORMATION AVAILABLE FROM PREVIOUS OWNERS DRAWINGS. THE CONTRACTOR WILL BE REQUIRED TO FIELD VERIFY ALL EQUIPMENT AND SERVICES WITHIN THE RENOVATED AREA ONCE SELECTIVE DEMOLITION OF WALLS AND CEILINGS HAS BEEN COMPLETED.
3.	CONTRACTOR SHALL REVIEW ALL EQUIPMENT AND FIXTURES NOTED FOR REMOVAL WITH THE OWNER PRIOR TO CONSTRUCTION START TO IDENTIFY WHICH ITEMS THE OWNER WISHES TO BE TURNED OVER AFTER DISCONNECTION. THE CONTRACTOR WILL REMOVE AND DISPOSE OF ALL REMAINING ITEMS IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.
4.	REMOVAL OF ALL EQUIPMENT AND SERVICES NOTED WITHIN THESE DRAWINGS MUST BE COORDINATED WITH OTHER TRADES TO ENABLE SAFE REMOVAL AND ASSOCIATED PATCHING AND REPAIR WORK.
5.	MECHANICAL CONTRACTOR SHALL DECOMMISSION, DRAIN, REMOVE AND DISPOSE OF ALL SANITARY, VENT, DOMESTIC (HOT AND COLD) WATER PIPING ASSOCIATED WITH FIXTURES NOTED FOR REMOVAL. ALL PIPING SHALL BE REMOVED AND CAPPED AT THE MAINS TO AVOID DEAD LEGS. SECTIONS OF PIPING INTENDED FOR REUSE AS PART OF THIS PROJECT CAN BE TEMPORARILY CAPPED WITHIN THE SPACE COMPLETE WITH ISOLATION VALVES FOR FUTURE EXPANSION. ALL CAPPED SECTIONS TO BE NOTED ON THE AS BUILT DRAWINGS.
6.	BUILDING HVAC SYSTEMS SHALL NOT BE USED DURING CONSTRUCTION FOR TEMPORARY HEATING, COOLING OR VENTILATION. COORDINATE THE SHUT DOWN AND/OR TEMPORARY CAPPING OF ALL EXISTING SYSTEMS WITHIN THE CONSTRUCTION ZONE
7.	ALL OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING EQUIPMENT, PIPING, DUCTS, PIPING ETC MUST BE PROPERLY PATCHED AND REPAIRED TO MATCH ADJACENT CONSTRUCTION ASSEMBLIES AND MAINTAIN FIRE RATINGS WHERE APPLICABLE. COORDINATE ALL PATCHING REQUIRED WITH THE GENERAL CONTRACTOR.
8.	ALL REMOVED, UNUSED, UNCONNECTED/REDUNDANT PLUMBING OR MECHANICAL EQUIPMENT OR SERVICES IDENTIFIED WITHIN THE CONSTRUCTION AREA ARE TO BE REMOVED OR CUT BACK AND CAPPED AT THE MAINS.
INSULATION	
1.	PROVIDE 15mm (1/2") INSULATION FOR ALL DOMESTIC COLD WATER PIPING. PROVIDE 25mm (1") INSULATION FOR ALL DOMESTIC HOT WATER PIPING.
2.	PROVIDE PVC JACKET ON ALL EXPOSED PIPING - COLOUR TO BE SELECTED BY CONSULTANT. COORDINATE FINAL PIPE/DUCT DIAMETERS WITH OTHER TRADE TO ALLOW FOR APPROPRIATE SLEEVE SIZES AND UNINTERRUPTED INSULATION
3.	MITRE INSULATION AT ALL ELBOWS

PLUMBING AND DRAINAGE INSIDE THE BUILDING

1.	ALL WORK SHALL BE EXECUTED BY LICENSED PLUMBERS
2.	ALL PLUMBING AND DRAINAGE WORK SHALL BE INSTALLED AS REQUIRED BY ONTARIO PLUMBING CODE AND ONTARIO BUILDING CODE, REVISED TO DATE, AND SHALL MEET THE REQUIREMENTS OF ALL PROVINCIAL AND MUNICIPAL AUTHORITIES HAVING JURISDICTION
3.	INCLUDE ALL PIPING, FITTINGS AND EQUIPMENT SHOWN ON DRAWINGS OR DESCRIBED IN SPECIFICATIONS. ALL ITEMS NOT MENTIONED BUT UNDERSTOOD TO BE NECESSARY TO COMPLETE THE PLUMBING SYSTEM SHALL BE INCLUDED.
4.	ABOVE GROUND WATER PIPING SHALL BE TYPE 'L' COPPER C/W 95 / 5 SOLDER JOINTS. PIPING TO BE CERTIFIED TO CSA STANDARD ASTM B88 STANDARD
5.	ALL ABOVE GROUND VENT PIPING SHALL BE DWV COPPER, GALVANIZED STEEL OR PLENUM RATED PVC
6.	ALL BURIED VENT PIPING MAY BE ABS PLASTIC SOLVENT WELD
7.	VALVES UP TO 50mm SHALL BE BRONZE BALL VALVES
8.	SUPPLY AND INSTALL ALL PLUMBING FIXTURES. SEE FIXTURE SCHEDULE FOR PLUMBING FIXTURE TYPES AS SHOWN ON DRAWINGS
9.	CLEAN OUTS SHALL BE INSTALLED AS SHOWN AND AS REQUIRED BY CODE. COORDINATE COVERS TO SUIT.
10.	SUPPLY AND INSTALL WHEEL HANDLE OR SCREW FIXTURE STOP VALVE ON THE HOT AND COLD WATER SUPPLY TO EVERY FIXTURE ON THE JOB, IN ADDITION TO THE VALVE OR FAUCET ON THE FIXTURE ITSELF
11.	PROTECT ALL FIXTURES UNTIL HANDED OVER TO THE OWNER. ALL FIXTURES SHALL BE C/W NECESSARY TRIM, TRAP SUPPLIES, STOPS, TAIL PIECES, TRAPS, GASKETS, ETC.
12.	ALL SANITARY DRAINAGE PIPING TO BE INSTALLED AT MINIMUM 2% SLOPE IN THE DIRECTION OF FLOW, OR AS NOTED ON DRAWINGS
13.	ALL CORE DRILLING OF SLABS FOR INSTALLATION OF PIPING SHALL BE BY DIVISION 21.
14.	PROVIDE TRAP SEAL PRIMERS FOR ALL FLOOR DRAINS AND HUB DRAINS FROM NEAREST PLUMBING FIXTURE

HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)

1.	SUPPLY AND INSTALL DUCTWORK AS INDICATED ON DRAWINGS. DUCTWORK SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH LATEST ASHRAE AND SMACNA STANDARDS AND SHALL BE MANUFACTURED OF GALVANIZED STEEL UNLESS SPECIFICALLY NOTED OTHERWISE
2.	ALL EXPOSED GRILLES TO BE INSTALLED AFTER THE CEILING/STRUCTURE/DUCTWORK IS PAINTED OUT UNLESS OTHERWISE NOTED
3.	INSTALL MANUAL BALANCING DAMPERS AT EACH ALL BRANCH DUCT AND EACH TAKEOFF TO THE END DIFFUSER OR GRILLE.
4.	ALL MANUAL VOLUME DAMPERS LARGER THAN 300X300mm TO BE OPPOSED BLADE
5.	ALL CIRCULAR DUCT TAKEOFFS FROM RECTANGULAR DUCTWORK TO BE C/W VOLUME DAMPER
6.	APPROVED FLEXIBLE DUCTWORK MAY BE USED FOR RUN OUTS TO DIFFUSERS, MAXIMUM LENGTH 1830mm, EXCEPT WHERE DUCTWORK IS INTENDED TO BE EXPOSED
7.	DUCT SIZE MAY BE CHANGED PROVIDING EQUIVALENT AIR FLOW FRICTIONAL LOSS IS MAINTAINED. MAXIMUM WIDTH TO DEPTH DIMENSION SHALL NOT EXCEED 4:1



**INTEGRATED DESIGN
ENGINEERING + ARCHITECTURE**
421 Bay Street, Suite 507, Sault Ste. Marie Ont. Ca.
Tele: (705) 949-5291 - Email: info@integrateddesign.ca

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision

0. 2026 05 21 - ISSUED FOR TENDER

**Universal Washroom Renovation
Holy Angels Learning Center**
102 Wellington Street East, Sault Ste. Marie, Ontario
for the
Huron-Superior Catholic District School Board

Project Name: _____ Dwg. Name: _____

Date: 2026 05 21

Scale: 1:50

Checked by: A. Camirand

Drawn by: A. Camirand

Project No.: 26009

Dwg. No.:

m0.00

PLUMBING REMOVALS NOTES

1.	ALL FIXTURES INDICATED BY "EX" SHALL REMAIN.
2.	ALL FIXTURES INDICATED BY "ER" SHALL BE REMOVED.
3.	REMOVE FIXTURES, CUT BACK AND REMOVE ALL REDUNDANT PIPING. CAP AT MAINS.
4.	CUT BACK, REMOVE & CAP ALL EXISTING SANITARY PIPING BACK TO BEHIND WALL / FLOOR IN LOCATIONS WHERE FIXTURES ARE REMOVED. SAW CUT AND REMOVE EXISTING SLAB WHERE REQUIRED FOR STORM AND SANITARY REMOVALS, FIXTURE, AND RISER REMOVALS. ABANDON EXISTING SANITARY MAINS UNDER SLAB.
5.	WHERE IT IS NOT POSSIBLE TO REMOVE DOMESTIC WATER PIPING COMPLETELY, CUT BACK, REMOVE & CAP PIPING BACK TO BEHIND WALL / FLOOR IN LOCATIONS WHERE FIXTURES ARE REMOVED. PATCH AND MAKE GOOD EXISTING FLOOR AND WALL AND PREPARE FOR NEW FINISH. SEE ARCHITECTURAL DRAWINGS.
6.	CONTRACTOR TO INFILL FLOOR WHERE DAMAGED BY DEMOLITION. MAKE GOOD WITH MATERIALS SIMILAR TO ADJACENT CONSTRUCTION. PATCH AND MAKE GOOD EXISTING FLOOR AND WALL AND PREPARE FOR NEW FINISH. SEE ARCHITECTURAL DRAWINGS.

LEGEND - PIPING SYSTEMS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—XXX(EX)—	EXISTING PIPING TO REMAIN		ISOLATION / SHUTOFF VALVE
—XXX(ER)—	EXISTING PIPING TO REMOVE		UNION
—DCW—	DOMESTIC COLD WATER		CHECK VALVE
—DHW—	DOMESTIC HOT WATER		PUMP
—DHWR—	DOMESTIC HOT WATER RECIRCULATION		FLOW DIRECTION
—SAN—	SANITARY DRAINAGE		PIPE DOWN
EL	EXISTING TO BE RELOCATED		PIPE UP
ER	EXISTING TO BE REMOVED	N.C.	NORMALLY CLOSED
EX	EXISTING TO REMAIN	N.O.	NORMALLY OPEN

PLUMBING FIXTURES SCHEDULE

TAG	FIXTURE TYPE	FIXTURE SPECIFICATION
WC-1	WALL MOUNTED WATER CLOSET - MANUAL FLUSH ADA COMPLIANT	<p>ZURN Z5615-BWL-AM WATER CLOSET:</p> <ul style="list-style-type: none"> • WALL HUNG VITREOUS CHINA WATER CLOSET - ELONGATED BOWL • • ZURNSHIELD GLAZE • 1-1/2" (38mm) TOP SPUD CONNECTION • SIPHON JET FLUSH ACTION <p>ZURN Z5957SS-EL: COMMERCIAL HEAVY DUTY TOILET SEAT:</p> <ul style="list-style-type: none"> • WHITE SEAT, ELONGATED (-EL), OPEN FRONT WITH COVER • C/W SUSTAINING STAINLESS STEEL CHECK HINGE (-STS) & ZurnSHIELD PROTECTION (-AM) <p>ZURN Z1201-N(L/R)4 CARRIER:</p> <ul style="list-style-type: none"> • HORIZONTAL SIPHON JET • 4" (100mm) NO HUB CONNECTION • CONTRACTOR TO CONFIRM CARRIER FLOW DIRECTION AND COUPLING <p>ZURN Z6000AV-WS1 FLUSH VALVE:</p> <ul style="list-style-type: none"> • MANUAL OPERATION • DIAPHRAGM VALVE • 1.6 GPF LOW CONSUMPTION • POLISHED CHROME FINISH • NON-HOLD OPEN HANDLE
L-1	WALL MOUNTED LAVATORY BARRIER FREE	<p>AMERICAN STANDARD (MODEL# 0954.004EC) MURRO WALL HUNG LAVATORY, VITREOUS CHINA, BARRIER FREE, C/W:</p> <ul style="list-style-type: none"> •• 0053.020EC VITREOUS CHINA SHROUD •• FAUCET HOLES ON 4" [102mm] CENTERS WITH OVERFLOW •• BARRIER FREE COMPLIANCE <p>MOEN COMMERCIAL FAUCET (MODEL# 8800) TWO-HANDLE, ABOVE DECK FAUCET C/W:</p> <ul style="list-style-type: none"> •• METAL CONSTRUCTION WITH CHROME PLATED FINISH •• 1/2" IPS CONNECTIONS •• 4" WRIST BLADE STYLE HANDLES WITH HOT & COLD COLOUR INDICATORS •• 1/4 TURN TO OPEN •• FLOW IS LIMITED TO 1.2 GPM AT 60 PSI •• 1224 CARTRIDGE DESIGN WITH NONMETALLIC AND STAINLESS STEEL DESIGN •• BARRIER FREE COMPLIANCE
FD	FLOOR DRAIN	<p>MIFAB F1100-1 FLOOR DRAIN (ROUND):</p> <ul style="list-style-type: none"> • NICKEL BRONZE ROUND STRAINER • 5" [127mm] STRAINER, 3" [76mm] PIPE, 1/2" [13mm] TRAP SEAL PRIMER <p>** PROVIDE MEMBRANE CLAMP FOR MEMBRANE FLOORS AS REQUIRED.</p>

NOTES:
 1. SEE ARCHITECTURAL MILLWORK AND SPECIALTIES DRAWINGS FOR TYPICAL MOUNTING HEIGHTS FOR FIXTURES. CONTRACTOR TO PROVIDE MOCK-UP OF ALL PLUMBING FIXTURES PRIOR TO INSTALLATION. COORDINATE ALL MOUNTING HEIGHTS AND LOCATIONS OF FIXTURES WITH SPECIALTY MILLWORK AND EQUIPMENT INCLUDING GRAB BARS.

AIR TERMINAL SCHEDULE

TAG	DESCRIPTION	MODEL / SERIES	CAPACITY (CFM)	MATERIAL	FINISH	REMARKS
E1	LAY-IN EGG CRATE RETURN GRILLE, T-BAR	EH PRICE 80 8x8" / 80 / CH / B12	AS NOTED ON DWGS.	ALUMINUM	WHITE	COORDINATE FRAME SELECTION WITH CEILING TYPE

NOTES
 1. STANDARD OF ACCEPTANCE: NAILOR, EH PRICE, TITUS, KRUEGER, METALAIRE



seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision
 0. 2026 05 21 - ISSUED FOR TENDER

Universal Washroom Renovation
Holy Angels Learning Center
 102 Wellington Street East, Sault Ste. Marie, Ontario
 for the
 Huron-Superior Catholic District School Board
Mechanical Notes, Legends, & Schedules

Date: 2026 05 21
 Scale: 1:50
 Checked by: A. Camirand
 Drawn by: A. Camirand

Project No.: 26009
 Dwg. No.: m0.10

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

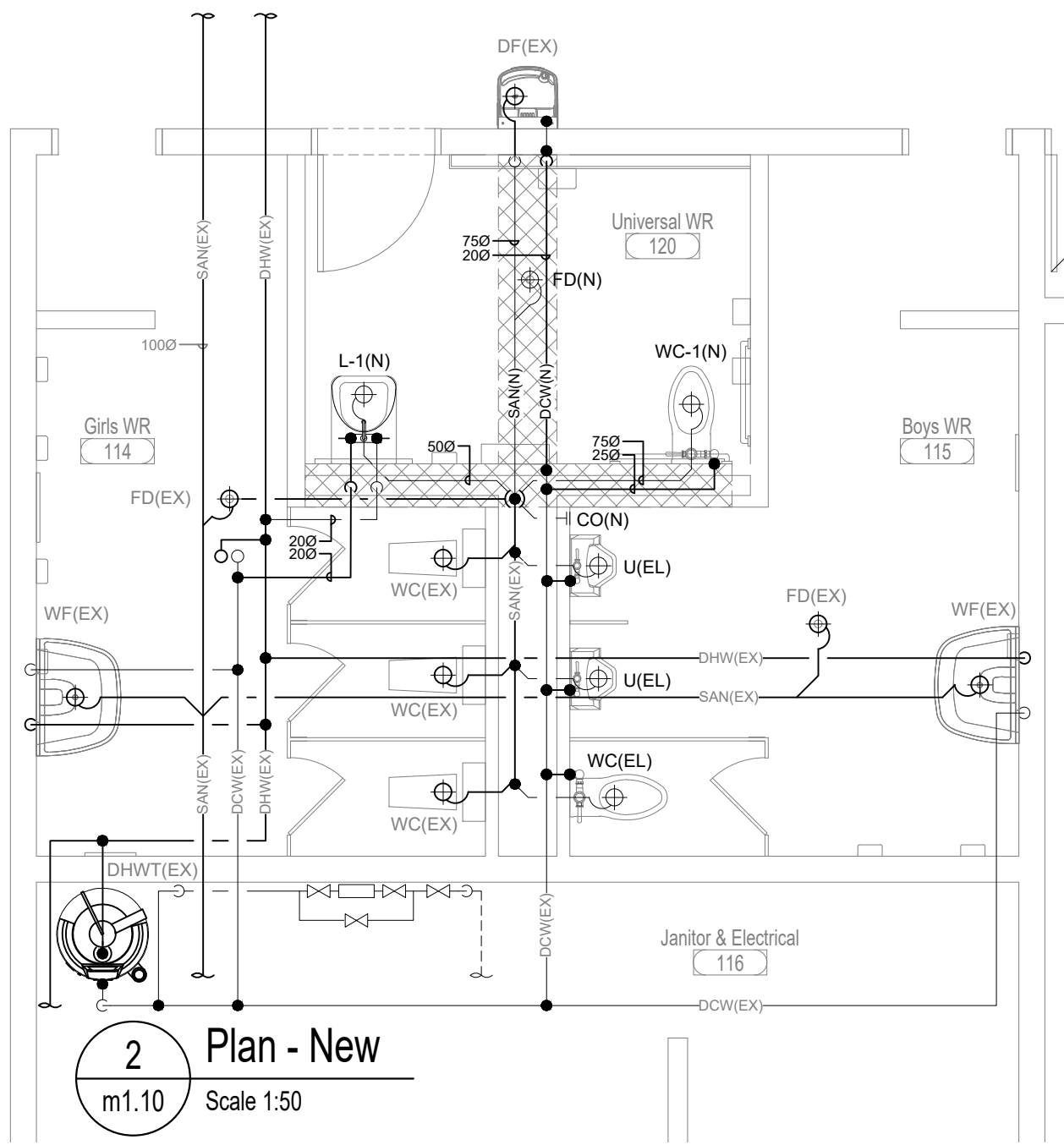
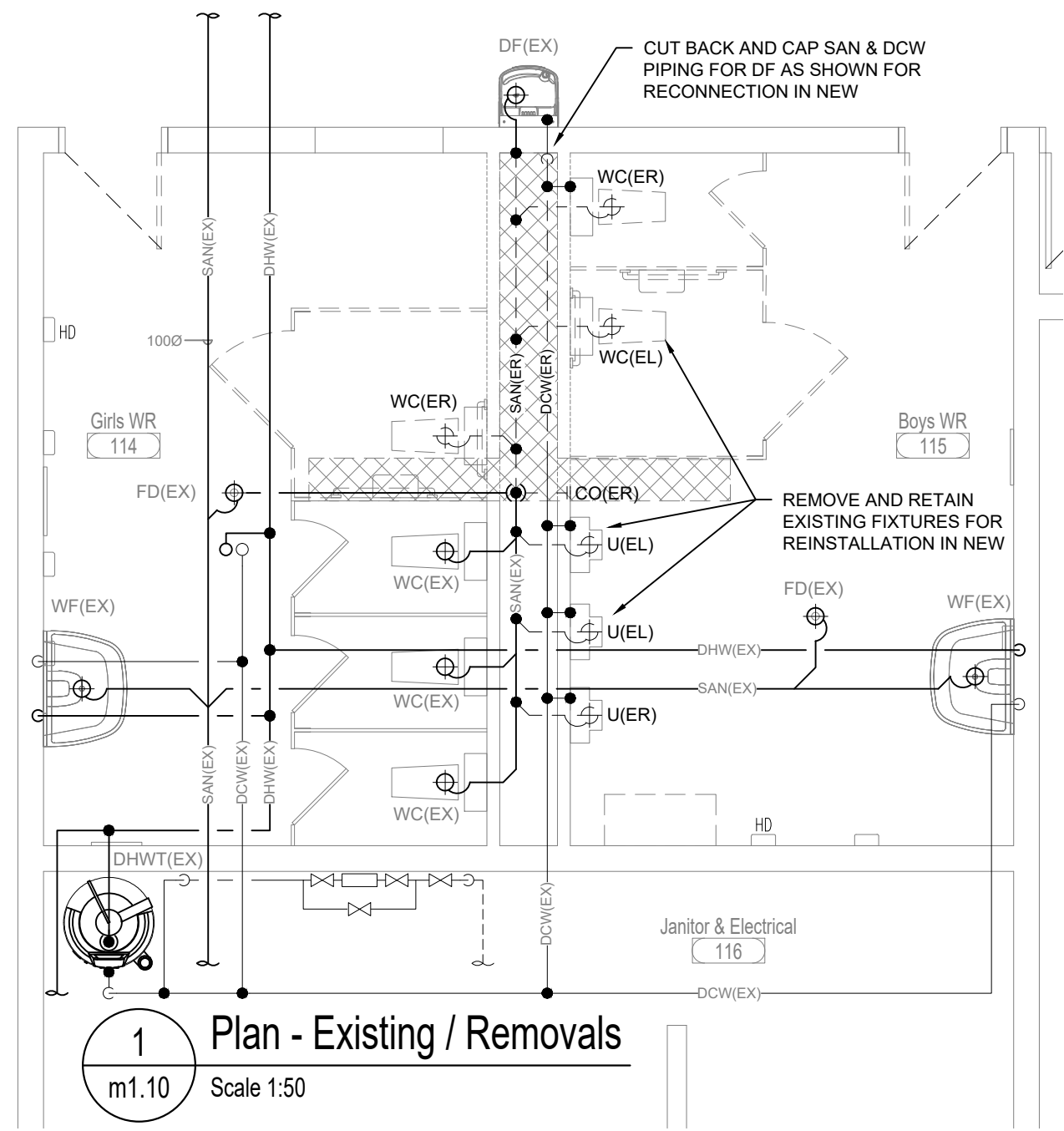
revision
 0. 2026 05 21 - ISSUED FOR TENDER

Universal Washroom Renovation
 Holy Angels Learning Center
 102 Wellington Street East, Sault Ste. Marie, Ontario
 for the
 Huron-Superior Catholic District School Board

Level 1 Plumbing Plan - Washrooms Existing / Removals & New

Date: 2026 05 21
 Scale: 1:50
 Checked by: A. Camirand
 Drawn by: A. Camirand

Project No.: 26009
 Dwg. No.: m1.10



- PLUMBING INSTALLATION NOTES:**
1. SUPPLY AND INSTALL NEW WATER CLOSET WC-1 & LAVATORY L-1 (SEE PLUMBING FIXTURE SCHEDULE):
 - 1.1. ROUTE SANITARY PIPING THROUGH NEW PLUMBING CHASE TO TIE INTO EXISTING SANITARY MAIN AS SHOWN.
 - 1.2. FIELD VERIFY EXACT LOCATION OF EXISTING DCW PIPING IN PLUMBING CHASE / CEILING SPACE TO TIE IN NEW DCW PIPING AS SHOWN, C/W ISOLATION VALVES.
 1. REMOVE EXISTING URINALS AND WATER CLOSETS IN BOYS WR AS SHOWN. RETAIN TWO URINALS AND ONE WATER CLOSET FOR REINSTALLATION IN NEW:
 - 1.1. CUT BACK REMOVE AND CAP EXISTING SANITARY PIPING AT BRANCH AS SHOWN.
 - 1.2. FIELD VERIFY EXACT LOCATION OF EXISTING DCW PIPING IN PLUMBING CHASE TO BE REUSED IN NEW.
 - 1.3. CUT BACK REMOVE AND CAP EXISTING DCW PIPING AT BRANCH AS SHOWN.
 - 1.4. PATCH AND MAKE GOOD EXISTING WALL TO MATCH EXISTING FINISH.
 2. TEMPORARILY CUT BACK AND CAP EXISTING SANITARY AND DCW PIPING FOR EXISTING DRINKING FOUNTAIN TO BE REROUTED IN NEW.
 - 2.1. REROUTE 200 DCW PIPING UP IN NEWLY PROVIDED CHASE FOR RECONNECTION TO PIPING IN CHASE AS SHOWN.
 - 2.2. REROUTE 200 SAN PIPING DOWN IN CHASE. SAW CUT SLAB AS SHOWN IN ARCHITECTURAL PLANS FOR INSTALLATION OF NEW 750 U/G SANITARY PIPING, TO BE TIED INTO EXISTING PIPING IN PLUMBING CHASE
 - 2.2.1. FIELD VERIFY EXACT LOCATION, SIZE AND INVERT ELEVATION OF EXISTING SAN PIPING IN CHASE PRIOR TO ANY DEMOLITION. ENSURE THAT DEPTH OF EXISTING SANITARY WILL ALLOW FOR TIE-IN OF THE NEW 750 SANITARY FROM UNIVERSAL WR AS SHOWN.

- GENERAL PLUMBING NOTES:**
1. CONTRACTOR TO COORDINATE ALL PLUMBING RISER LOCATIONS WITH FINAL DIMENSIONED WALL LOCATIONS.
 2. VENTING FOR SANITARY PIPING TO BE PROVIDED TO MEET ONTARIO BUILDING CODE. UTILIZE EXISTING PIPING CHASES AND COORDINATE WITH DUCTWORK.
 3. REFER TO PLUMBING FIXTURE SCHEDULES. ALL PLUMBING FIXTURE LOCATIONS SHALL BE COORDINATED WITH OWNER. CONTRACTOR TO CARRY THE COST TO RELOCATE FIXTURE WITHIN 25FT OF THE DRAWN LOCATION.
 4. WHERE NEW SANITARY IS TIED IN TO EXISTING PIPING, THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND INVERT ELEVATION OF EXISTING UNDERGROUND PIPING.
 5. SAW CUT AND REMOVE EXISTING SLAB WHERE NEW SANITARY PIPING IS REQUIRED TO TIE-IN TO THE EXISTING PIPING. CONTRACTOR TO INFILL FLOOR WHERE DAMAGED BY DEMOLITION. MAKE GOOD WITH MATERIALS SIMILAR TO ADJACENT CONSTRUCTION. PREPARE FOR NEW FINISH. SEE ARCHITECTURAL DRAWINGS.
 6. ALL NEW DOMESTIC PIPING TO BE 150 UNLESS SHOWN OTHERWISE. REFER TO PLUMBING FIXTURE SIZING TABLE ON DWG. m0.0.
 7. ABOVE GROUND WATER PIPING SHALL BE TYPE "L" COPPER C/W 95/5 SOLDER JOINTS. PIPING TO BE CERTIFIED TO CSA STANDARD ASTM B88 STANDARD.
 8. BURIED WATER PIPING SHALL BE COPPER TYPE "K".

seal

Not to be used for construction unless sealed and signed by the Architect or Engineer

All measurements to be confirmed in field by Contractor. Errors & omissions to be reported to Architect or Engineer prior to proceeding with work. Responsibility for coordination of all work remains with General Contractor

revision

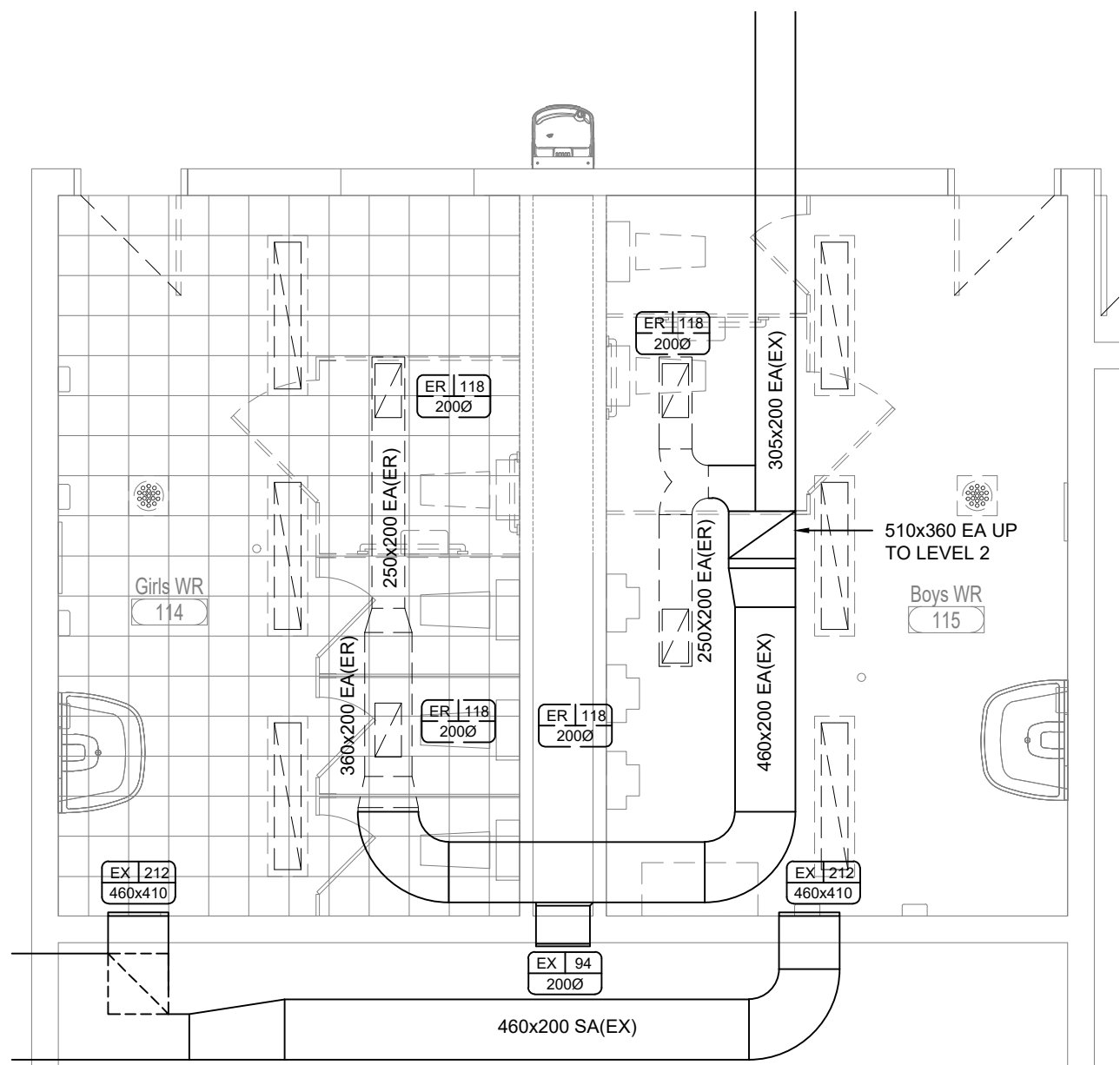
0. 2026 05 21 - ISSUED FOR TENDER

Universal Washroom Renovation
Holy Angels Learning Center
 102 Wellington Street East, Sault Ste. Marie, Ontario
 for the
 Huron-Superior Catholic District School Board

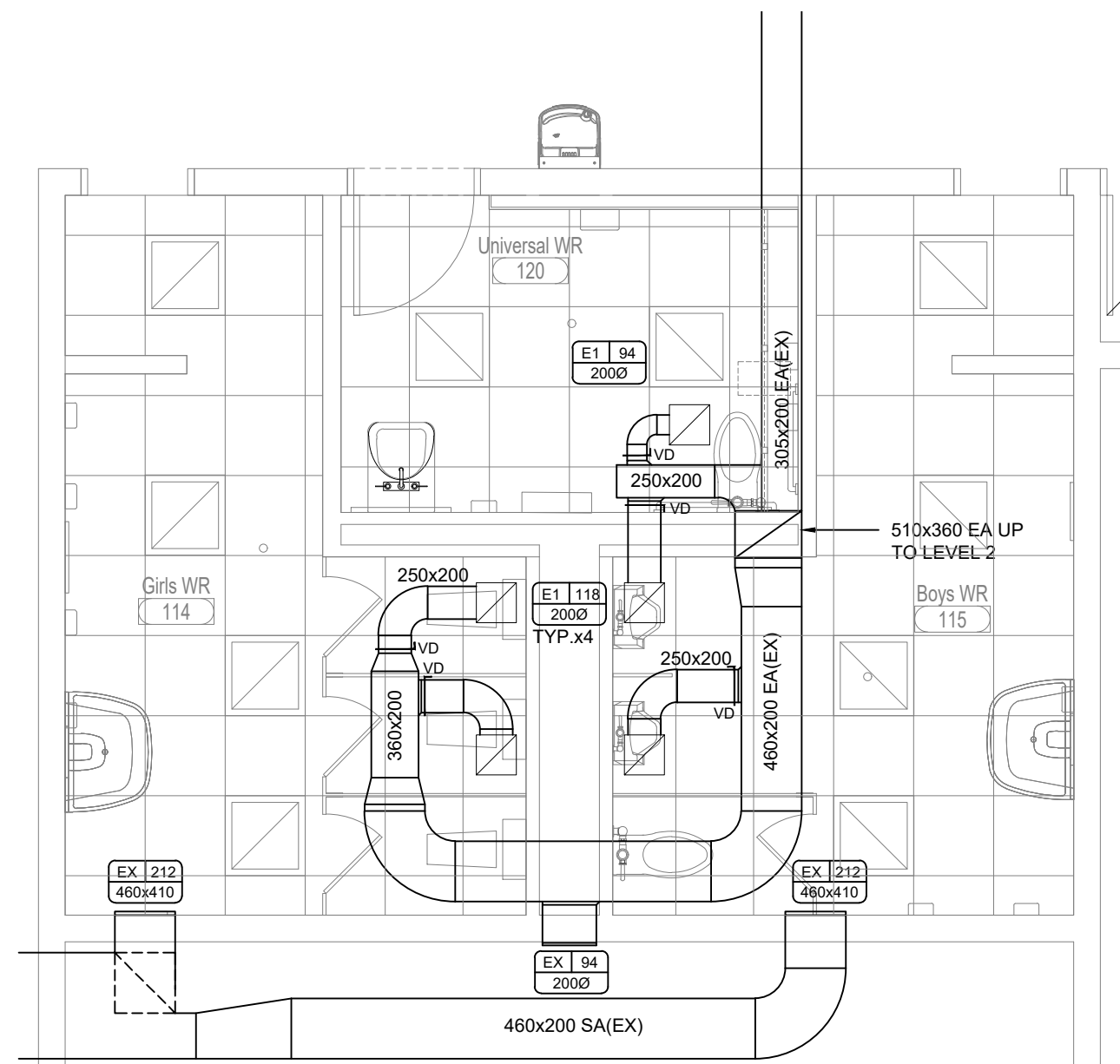
HVAC Plan - Level 1 Washrooms
 Existing / Removals & New

Date: 2026 05 21
 Scale: 1:50
 Checked by: A. Camirand
 Drawn by: A. Camirand

Project No.: 26009
 Dwg. No.: m4.10



1 Plan - Existing / Removals
 m4.10 Scale 1:50
 Janitor & Electrical 116



2 Plan - New
 m4.10 Scale 1:50
 Janitor & Electrical 116

HVAC NOTES:

4. SUPPLY AND INSTALL NEW TYPE E1 EXHAUST AIR GRILLES (SEE AIR TERMINAL SCHEDULE):
 - 4.1. FIELD VERIFY EXISTING SIZE AND LOCATION OF EXHAUST AIR DUCTWORK FROM EXISTING W/R.
 - 4.2. TIE-IN NEW EXHAUST INTO EXISTING EXHAUST AIR DUCTWORK C/W VOLUME DAMPERS AS SHOWN.
 - 4.3. REBALANCE EXHAUST AIR VOLUMES TO VALUES AS SHOWN.