

APPENDIX F

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- A3 - WEST ENTRANCE
- A4 - SOUTH (GYM) ENTRANCE
- A5 - DETAILS

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- S2 - ENTRANCE SLABS SECTIONS
- S3 - TYPICAL DETAILS & GENERAL NOTES

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- M2 - HVAC PART GROUND FLOOR PLANS, NEW WORK

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- E2 - ELECTRICAL, PART GROUND FLOOR, DEMOLITION LAYOUT
- E3 - ELECTRICAL, PART GROUND FLOOR, LIGHTING LAYOUT
- E4 - ELECTRICAL, PART GROUND FLOOR, POWER & F.A. /SEC. LAYOUT
- E5 - ELECTRICAL, PANEL SCHEDULES, RISERS AND DETAILS
- E6 - ELECTRICAL, ELECTRICAL SPECIFICATIONS

SET NUMBER	
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PORT CREDIT SECONDARY SCHOOL
BARRIER FREE ENTRANCES ALTERATIONS 2021

MISSISSAGUA

ONTARIO



MG Architects Inc.

STRUCTURAL
RAVENS ENGINEERING

MECHANICAL & ELECTRICAL
ELLARD-WILLSON ENGINEERING LIMITED

PROJECT NUMBER	1902
ISSUE DATE	JUNE 2021

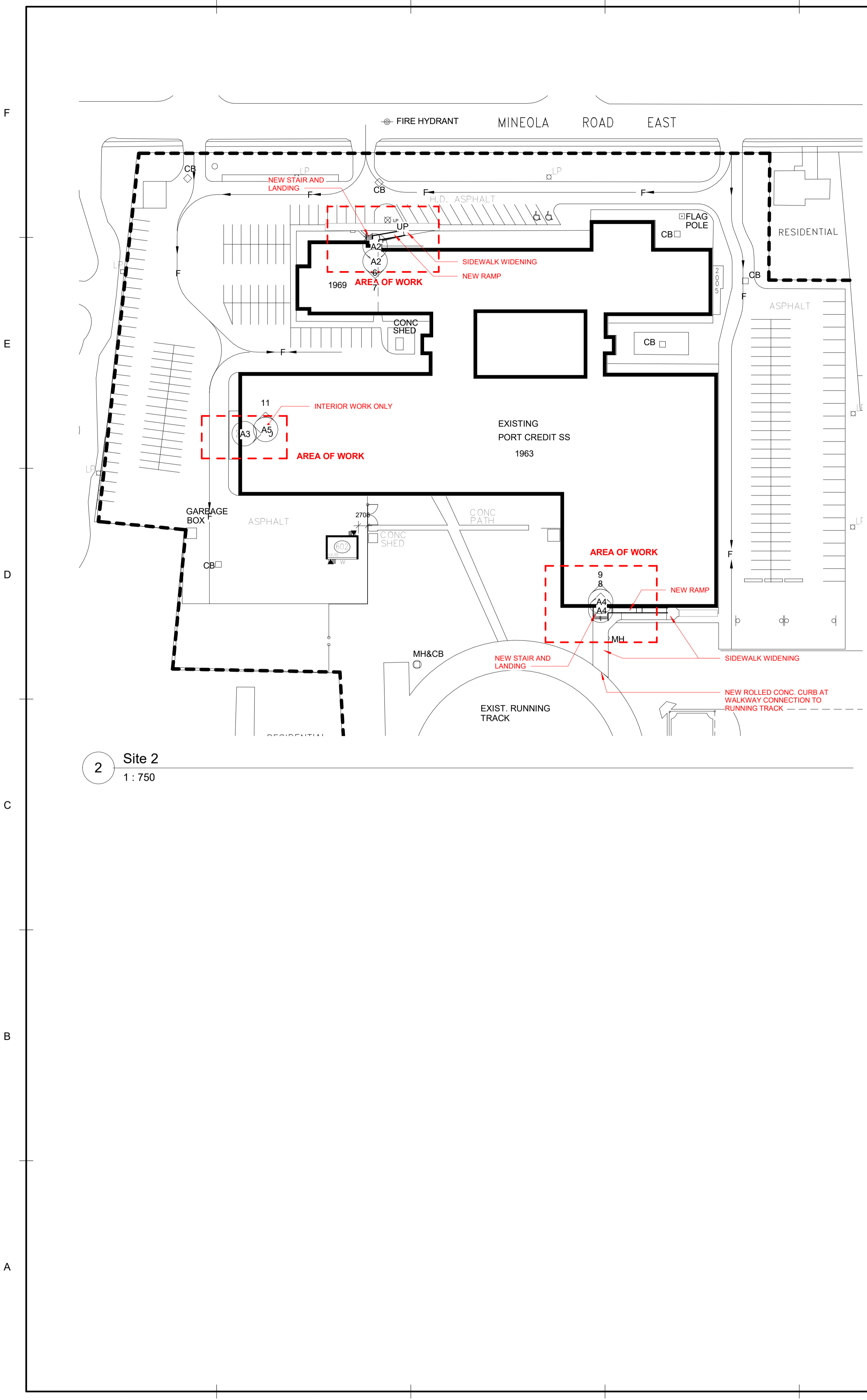
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BARRIER FREE ENTRANCES ALTERATIONS 2021

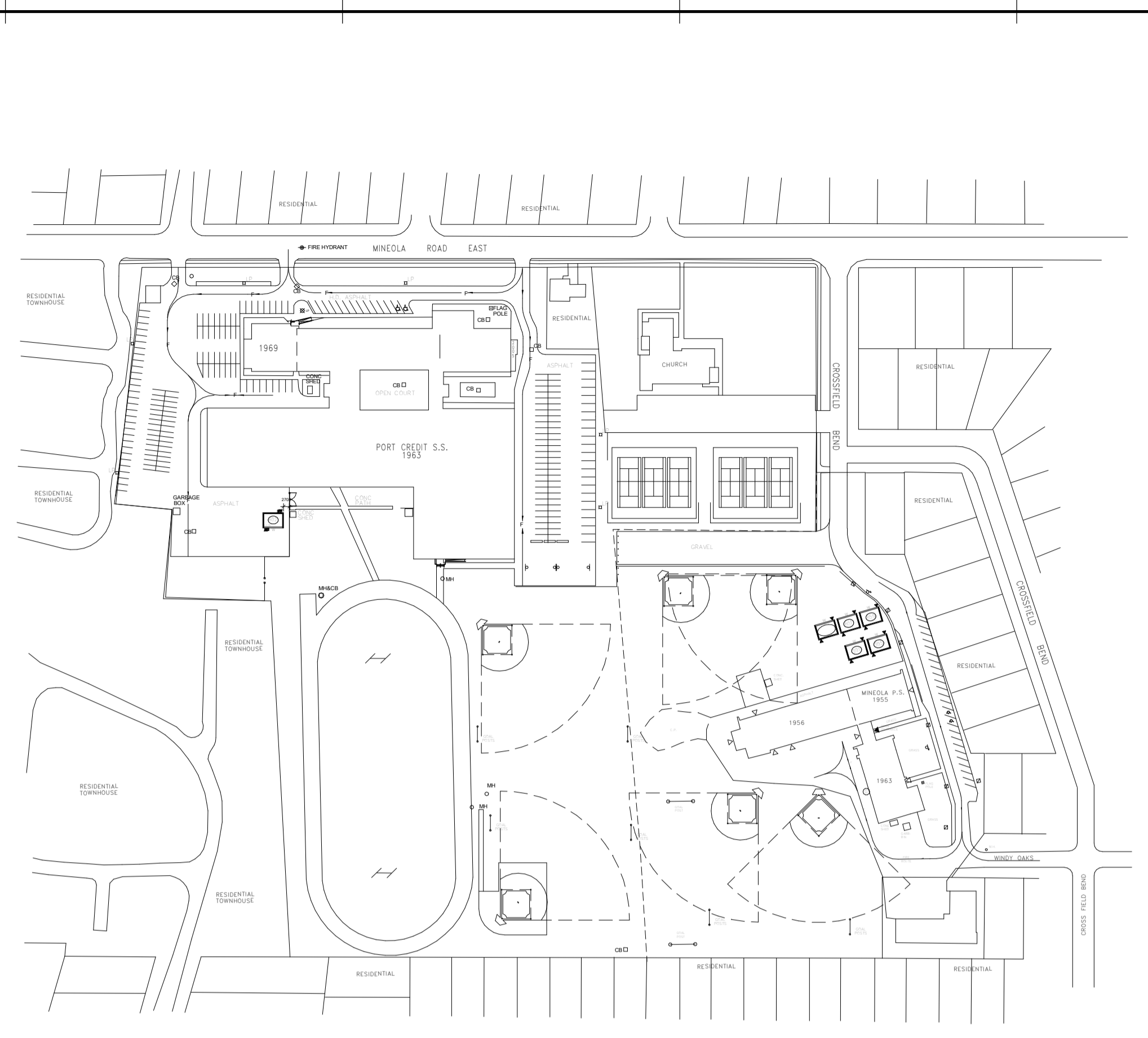
PEEL DISTRICT SCHOOL BOARD

MISSISSAGUA

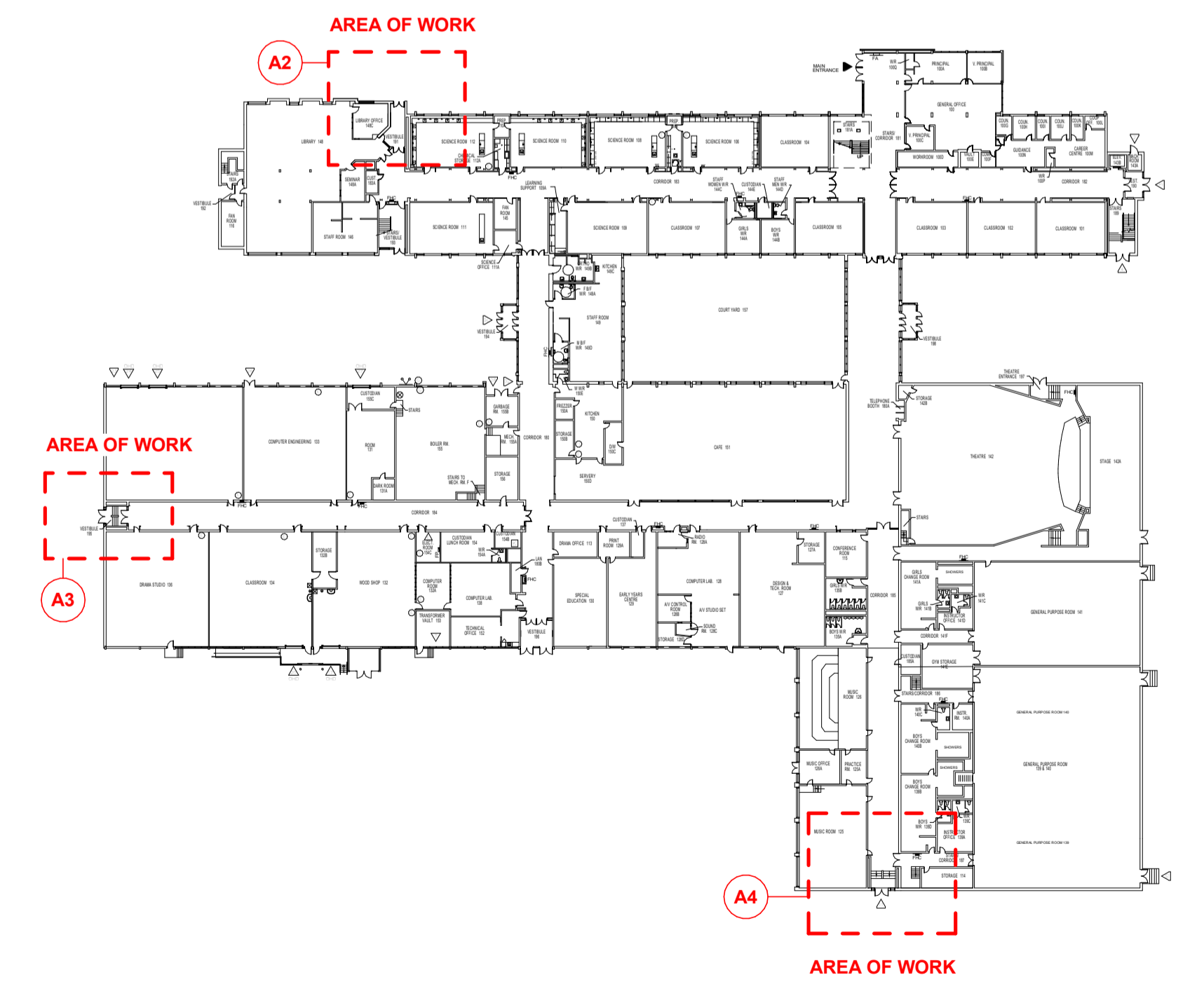
ONTARIO



2 Site 2
1 : 750



1 Site 1
1 : 2000



3 Site 3
1 : 750

KEY TO DETAIL LOCATION

No.	DETAIL NUMBER
No.	DRAFTING NUMBER

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NO	REVISION / ISSUE	DATE
1	ISSUED FOR BUILDING PERMIT	07 JUN 2021
2	ISSUED FOR TENDER	07 JUN 2021

- CONSULTANTS:
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MG ARCHITECTS INC.
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PHONE: 416-239-1933
- STRUCTURAL**
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CHECKED BY: **MG**
DATE: **JUNE 2021**

PROJECT TITLE:
**PORT CREDIT
SECONDARY SCHOOL
BARRIER FREE ENTRANCES
ALTERATIONS 2021**

MISSISSAGUA
DRAWING TITLE:
**SITE PLAN, KEY
PLANS**

PROJECT NO. **1902** DWG NO. **A1**

KEY TO DETAIL LOCATION	
No.	DETAIL NUMBER
No.	DRAFTING NUMBER

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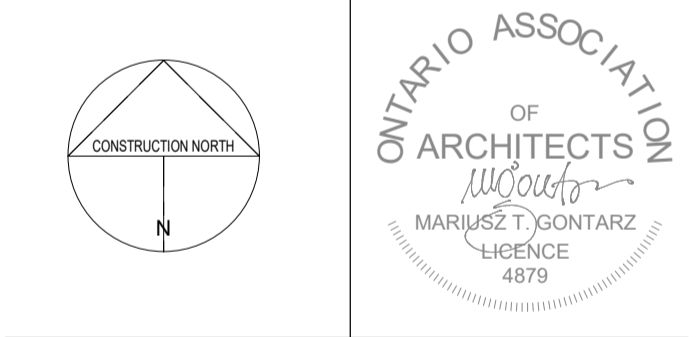
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PHONE: 416-239-1933

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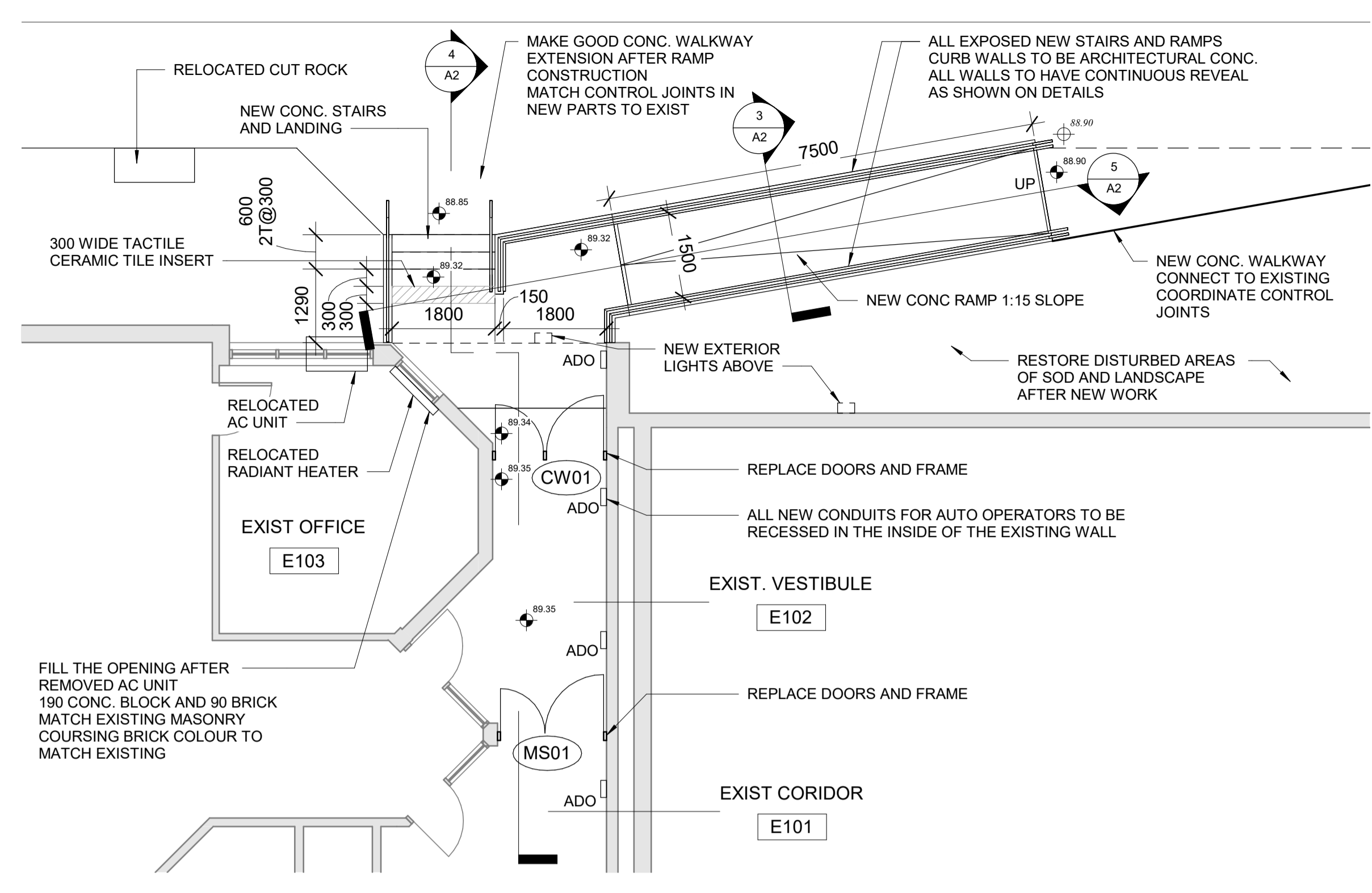
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ALTERATIONS 2021**

MISSISSAGUA

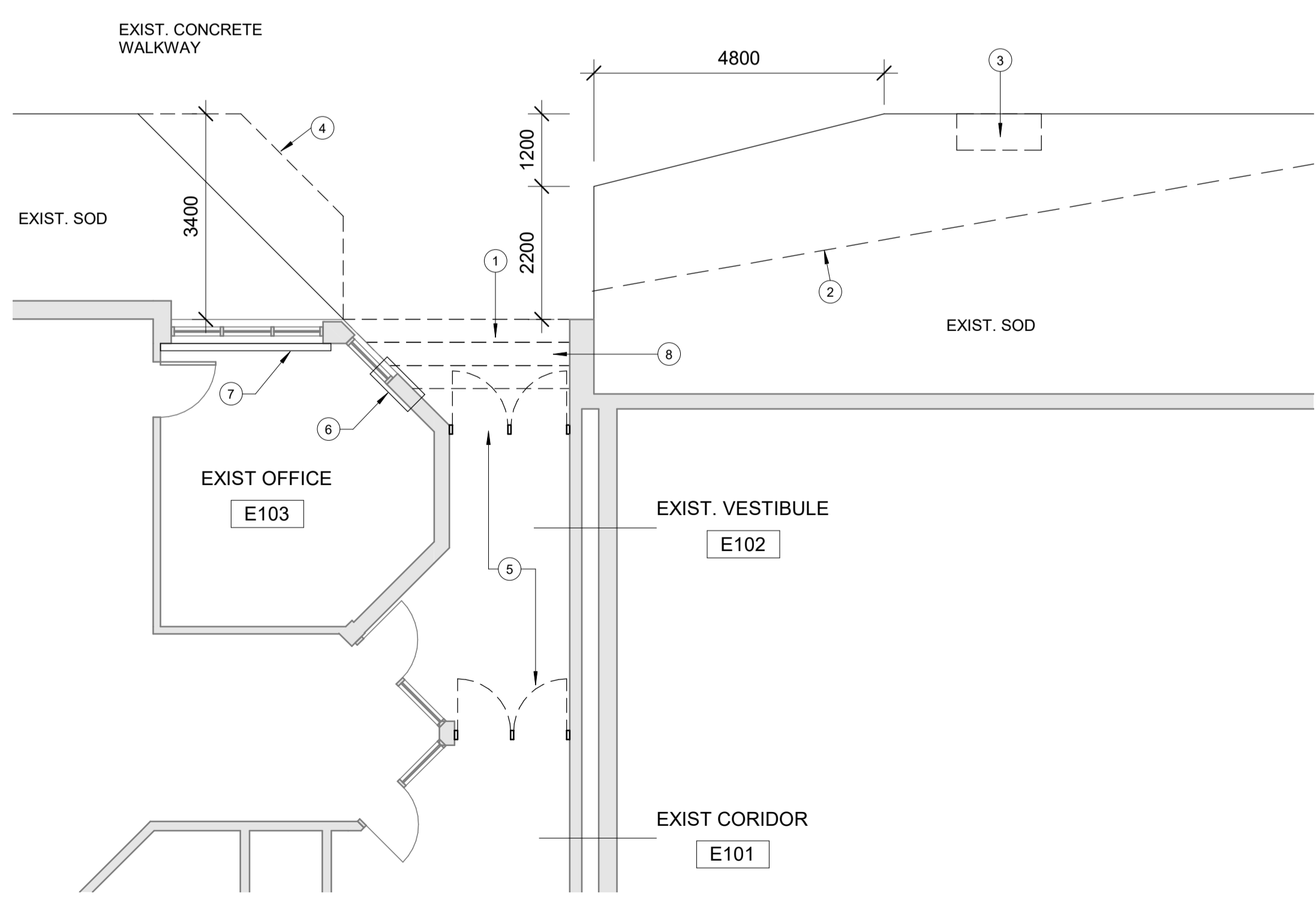
DRAWING TITLE:
**NORTH (LIBRARY)
ENTRANCE**

PROJECT NO. **1902** DWG NO. **A2**

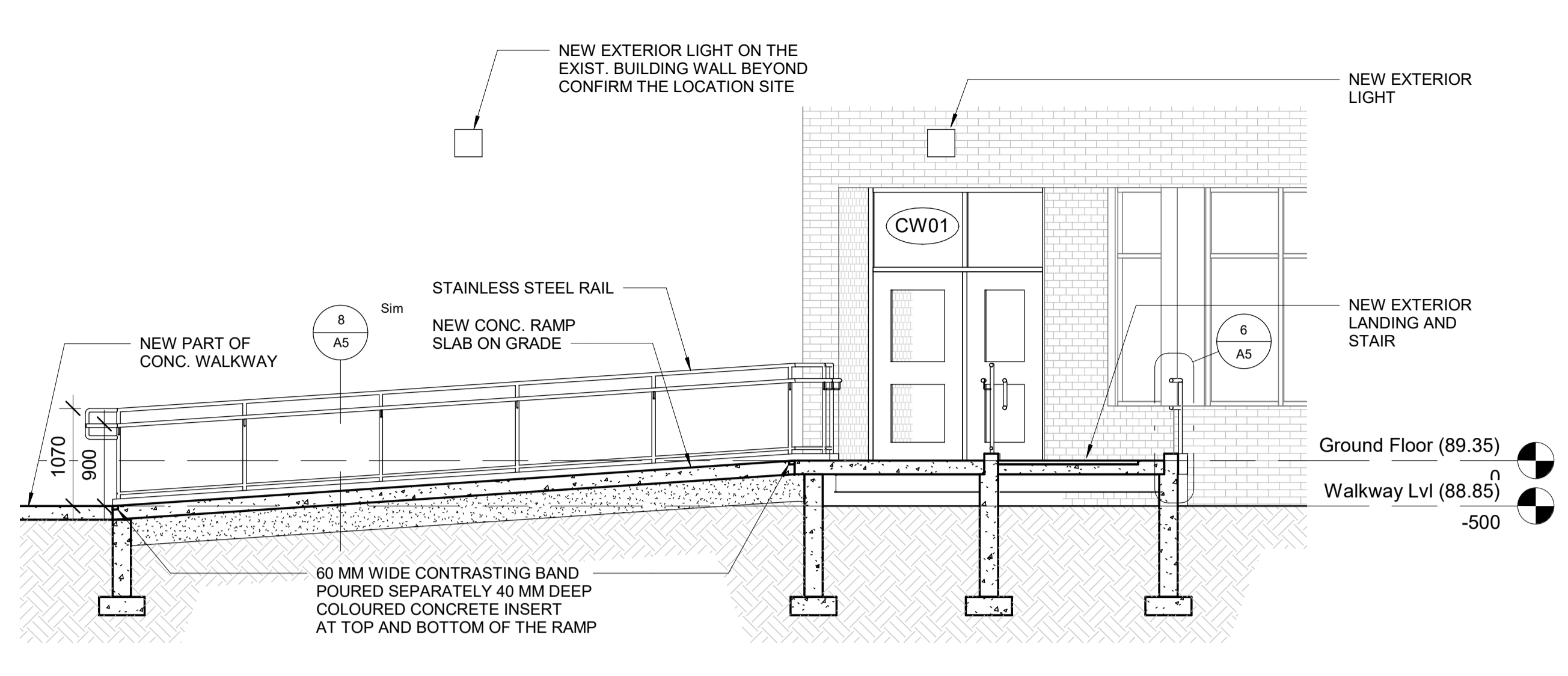


2 NEW CONSTRUCTION PLAN (NORTH)
1 : 75

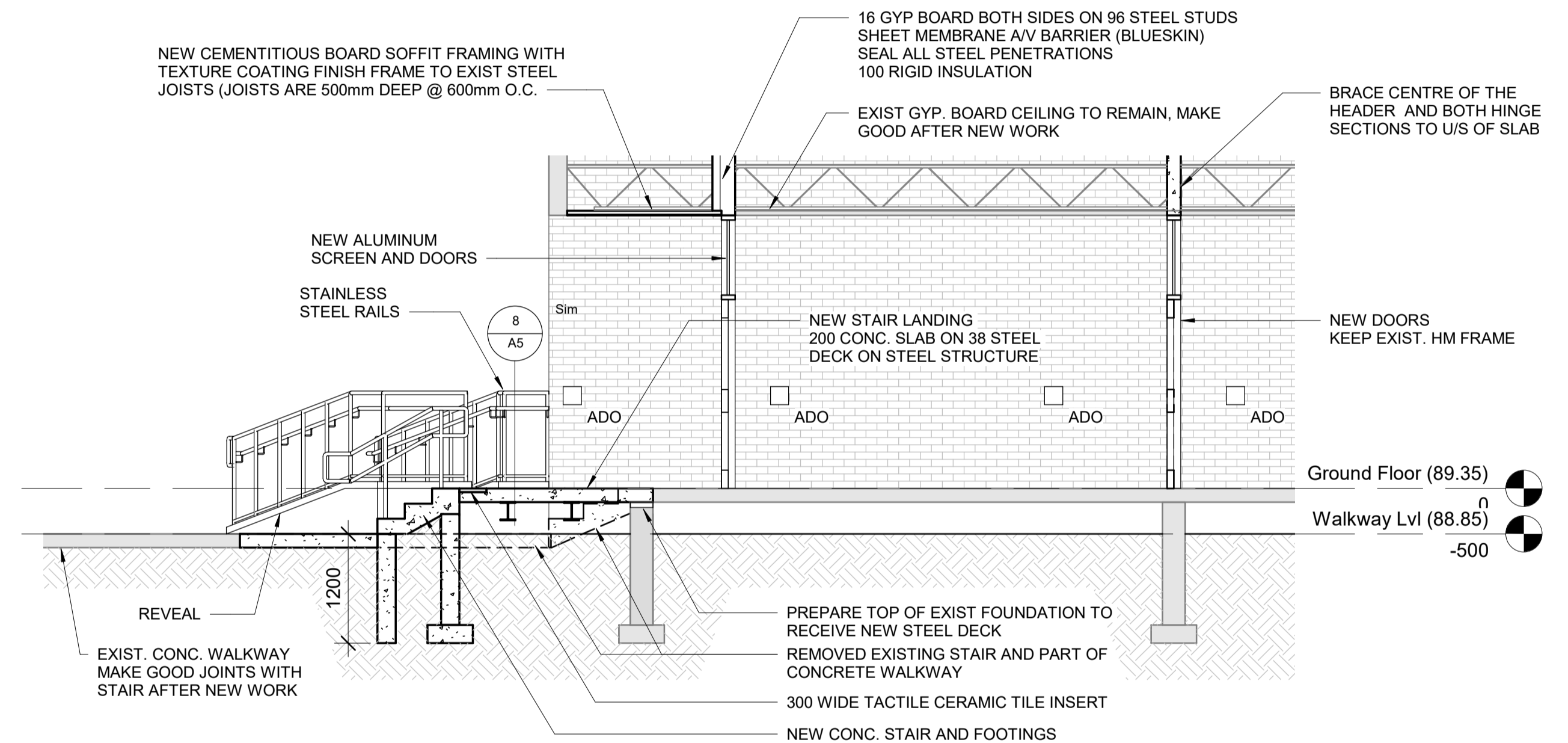
DEMOLITION NOTES (A2)	
1	REMOVE EXISTING EXTERIOR CONCRETE STAIR AND LANDING
2	CUT BACK THE TINE OF EXIST SOD. REMOVE TOPSOIL AND ALL DELETERIOUS MATERIAL
3	RELOCATE LARGE CUT ROCK
4	CUT BACK EXIST CONCRETE WALKWAY. REMOVE ALL BASE COURSE MATERIAL
5	REMOVE EXISTING HM DOORS AND FRAMES
6	RELOCATE EXISTING AC UNIT AND ASSOCIATED PLUMBING AND WIRING. RESTORE TO THE EXTERIOR WALL
7	REMOVE AND RELOCATE EXIST. RADIANT HEATER. SEE MECHANICAL DRAWINGS
8	REMOVE EXISTING EXTERIOR CEMENT BOARD SOFFIT
MAKE GOOD ALL SURFACES AFFECTED BY DEMOLITION	



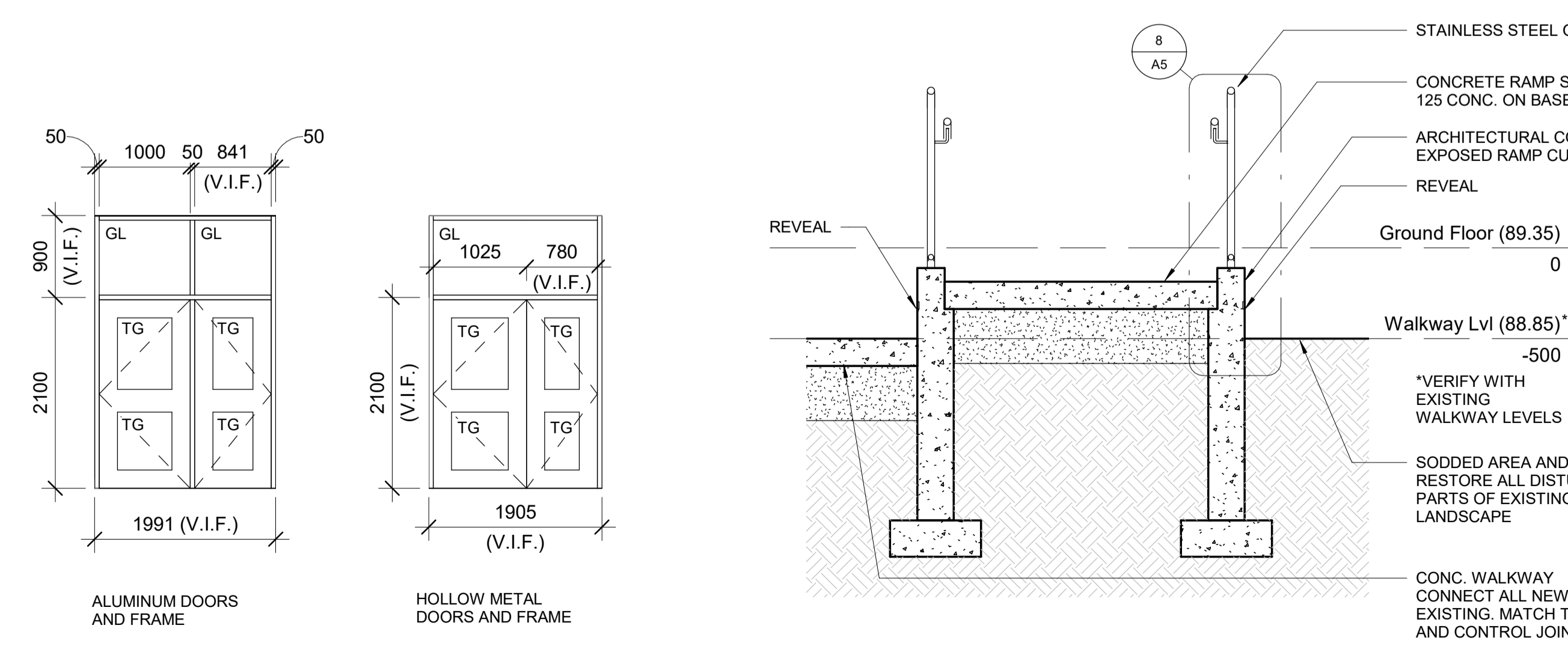
1 DEMOLITION PLAN (NORTH)
1 : 75



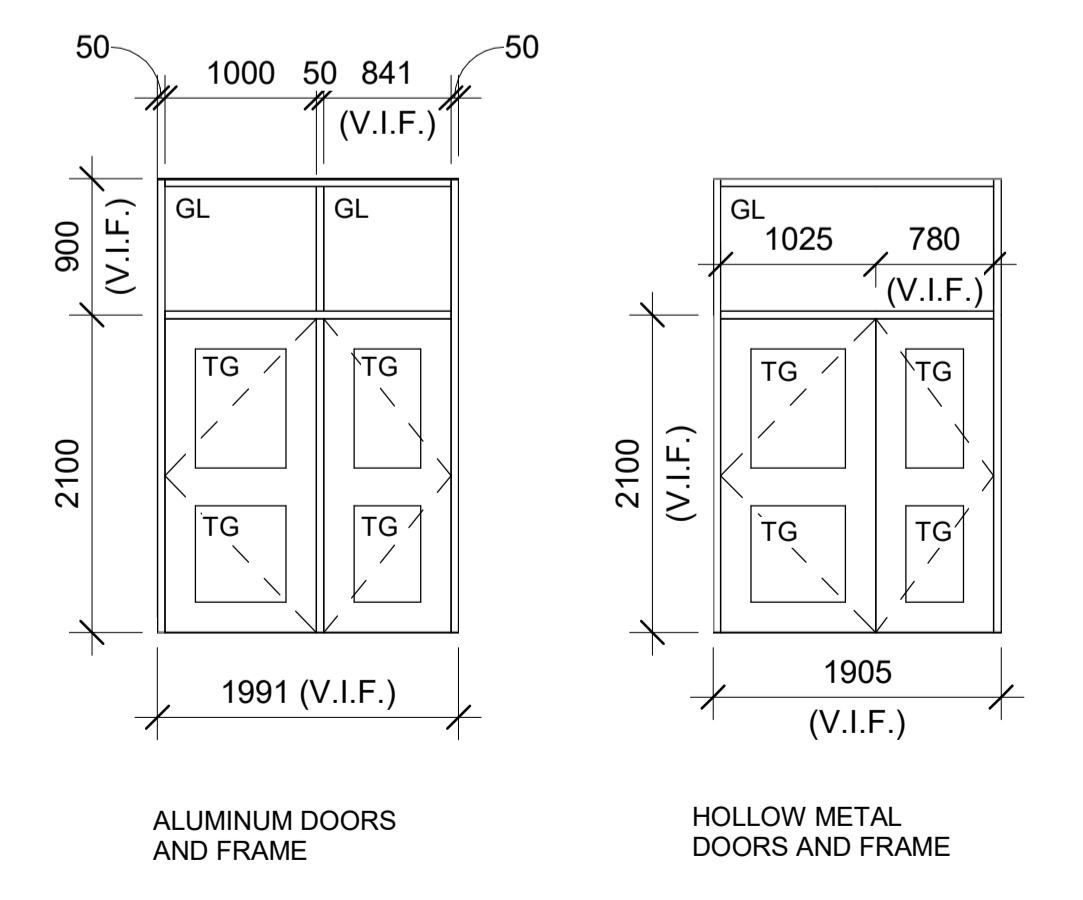
5 NEW CONSTRUCTION RAMP SECTION (NORTH)
1 : 50



4 NEW CONSTRUCTION STAIR SECTION (NORTH)
1 : 50



3 NEW CONSTRUCTION RAMP CROSS-SECTION (NORTH)
1 : 25

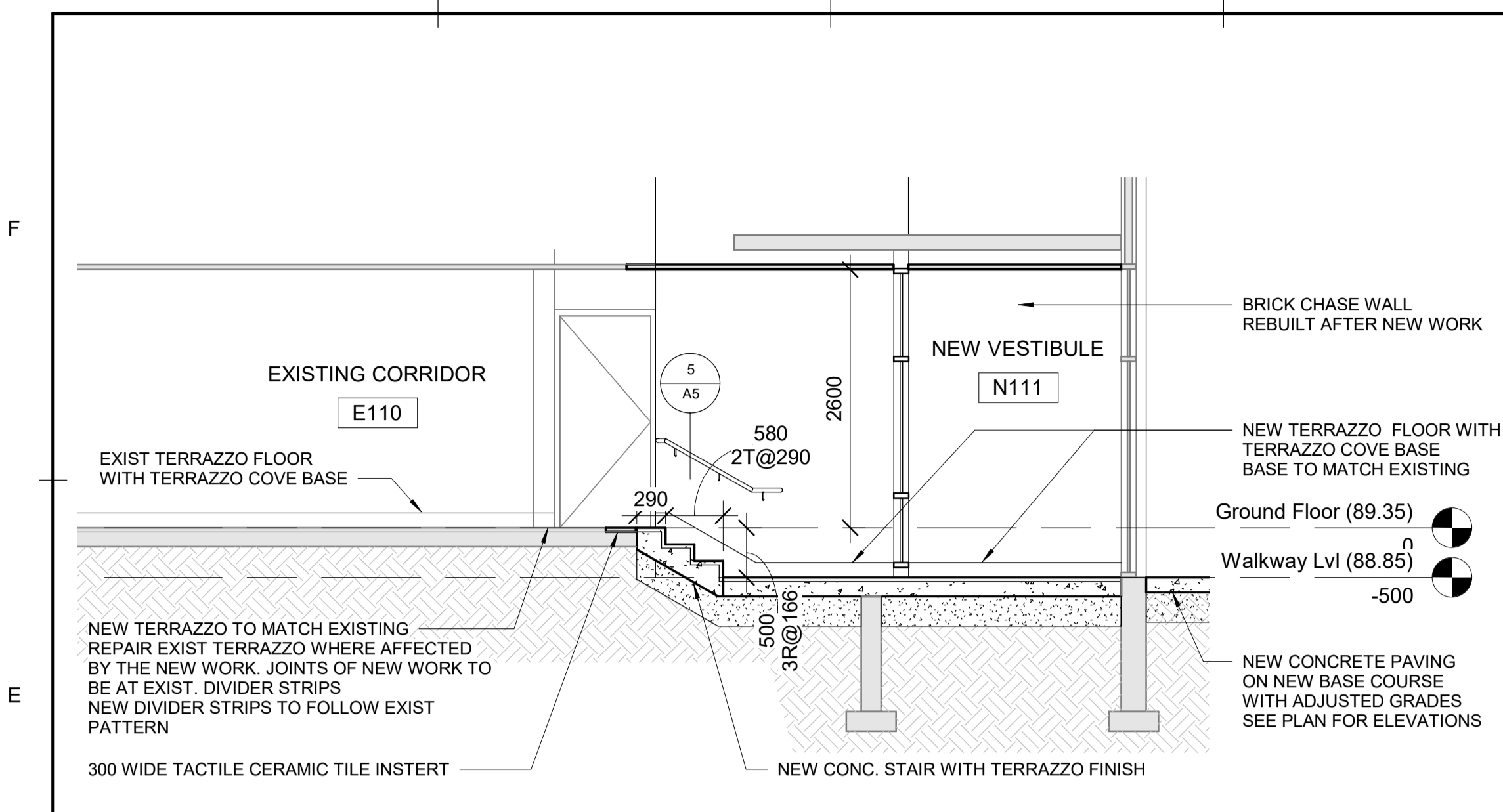


6 CW-01
1 : 50

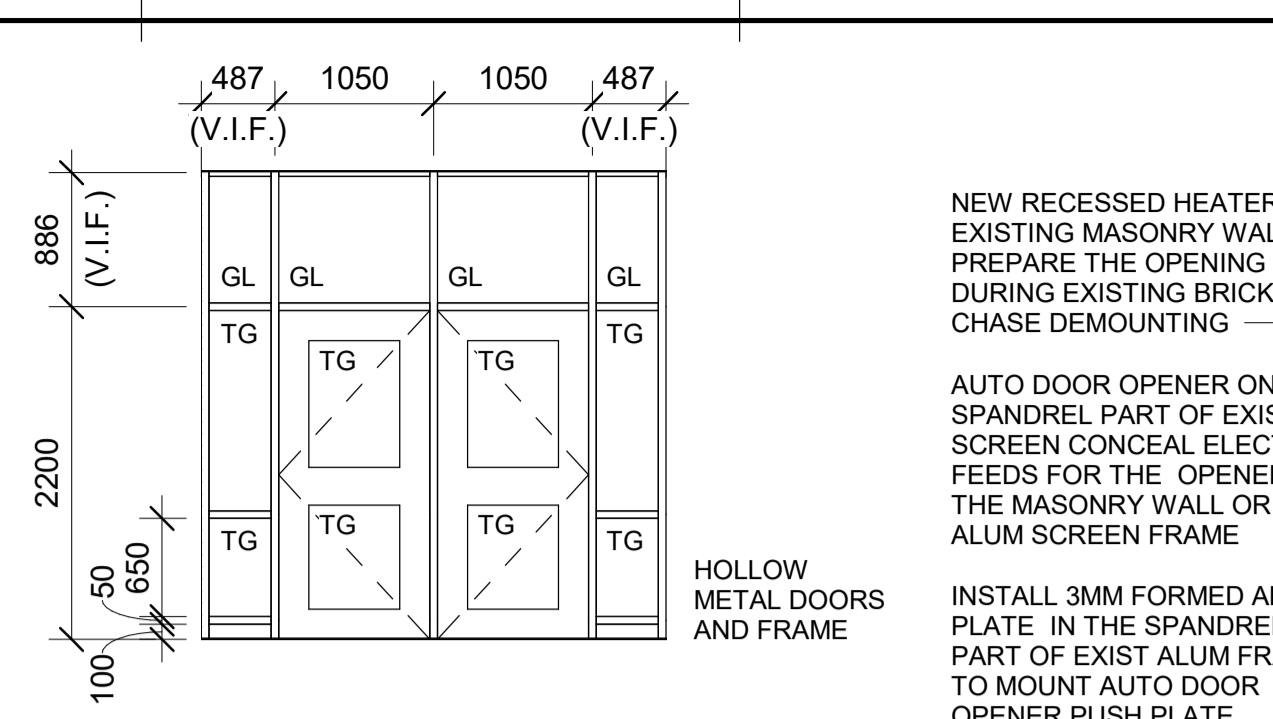
7 MS-01
1 : 50

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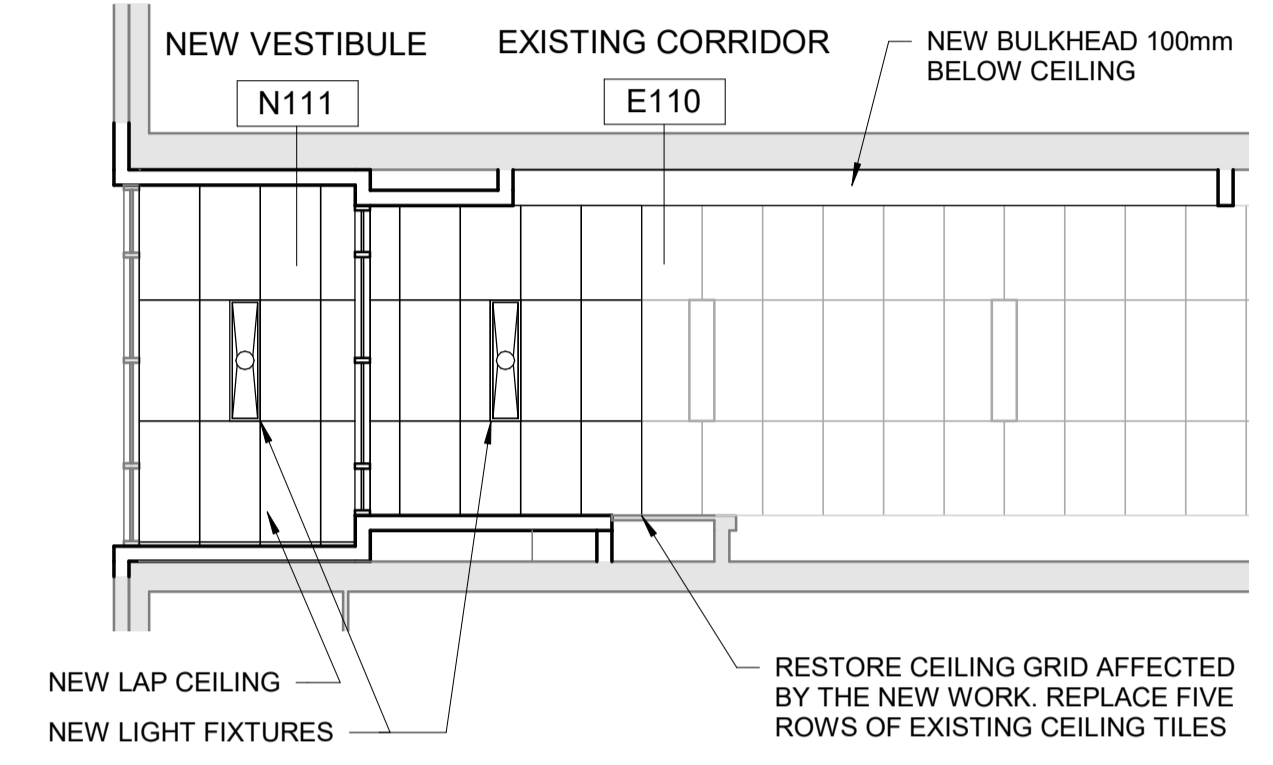
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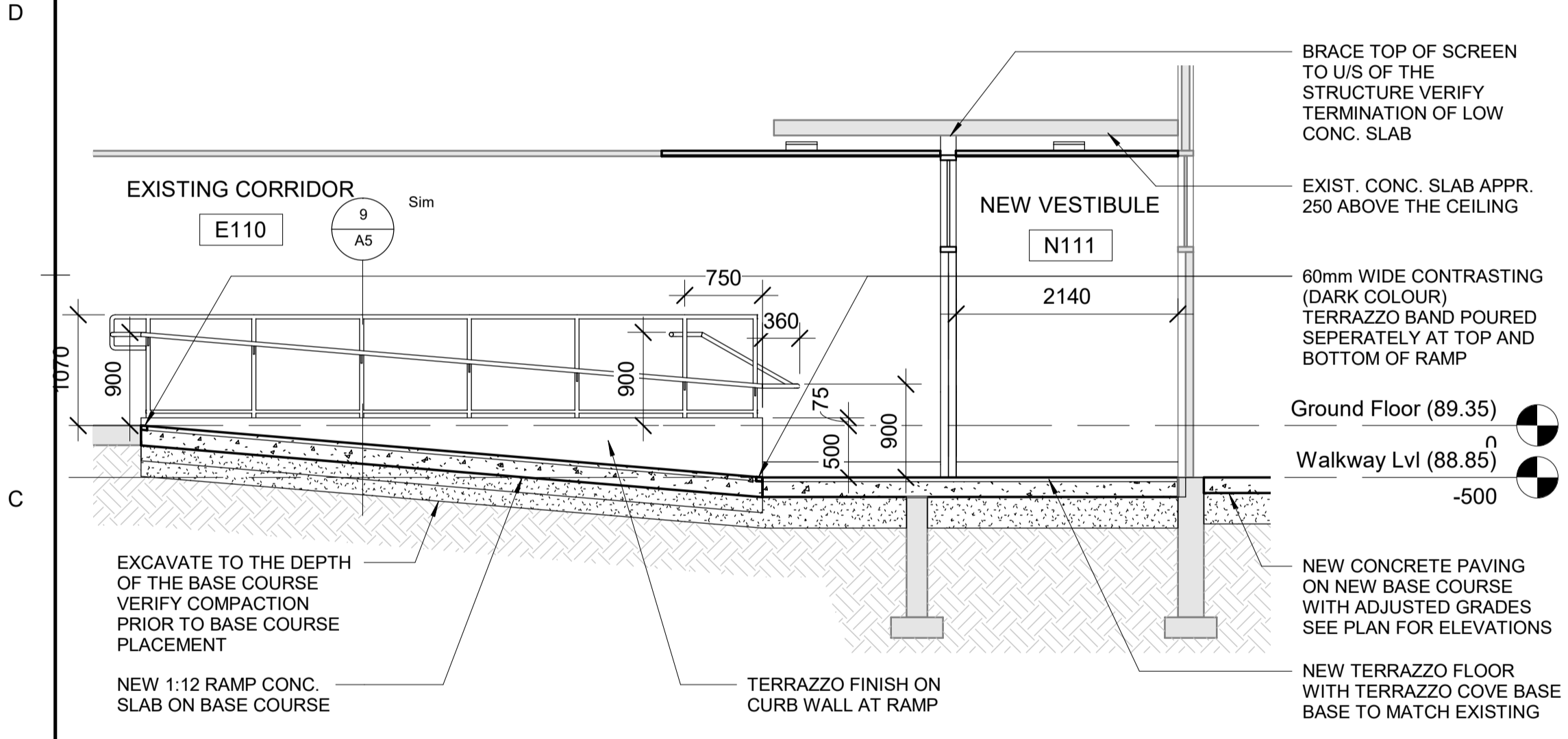
7 NEW CONSTRUCTION STAIR SECTION (WEST)
1 : 50



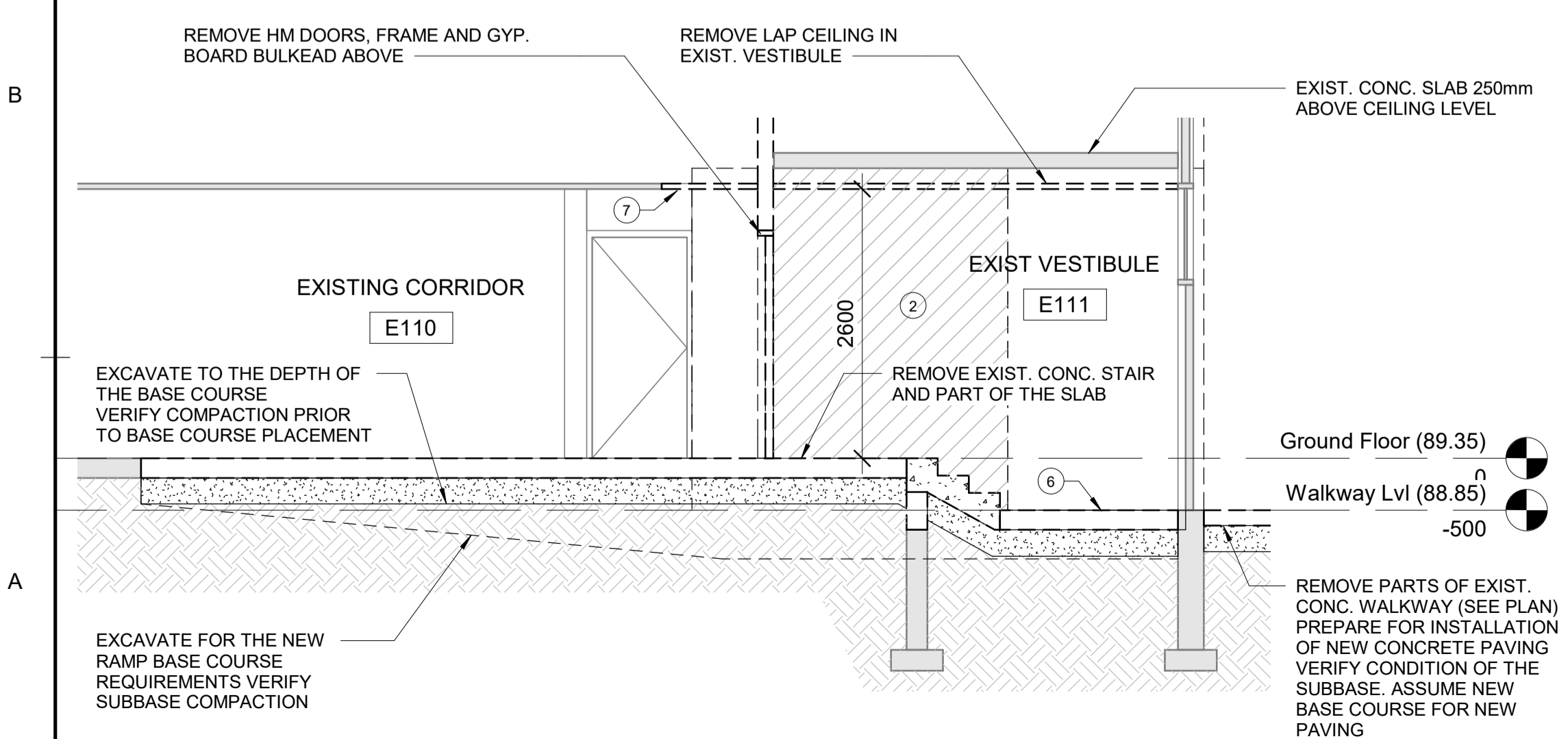
9 MS-02
1 : 50



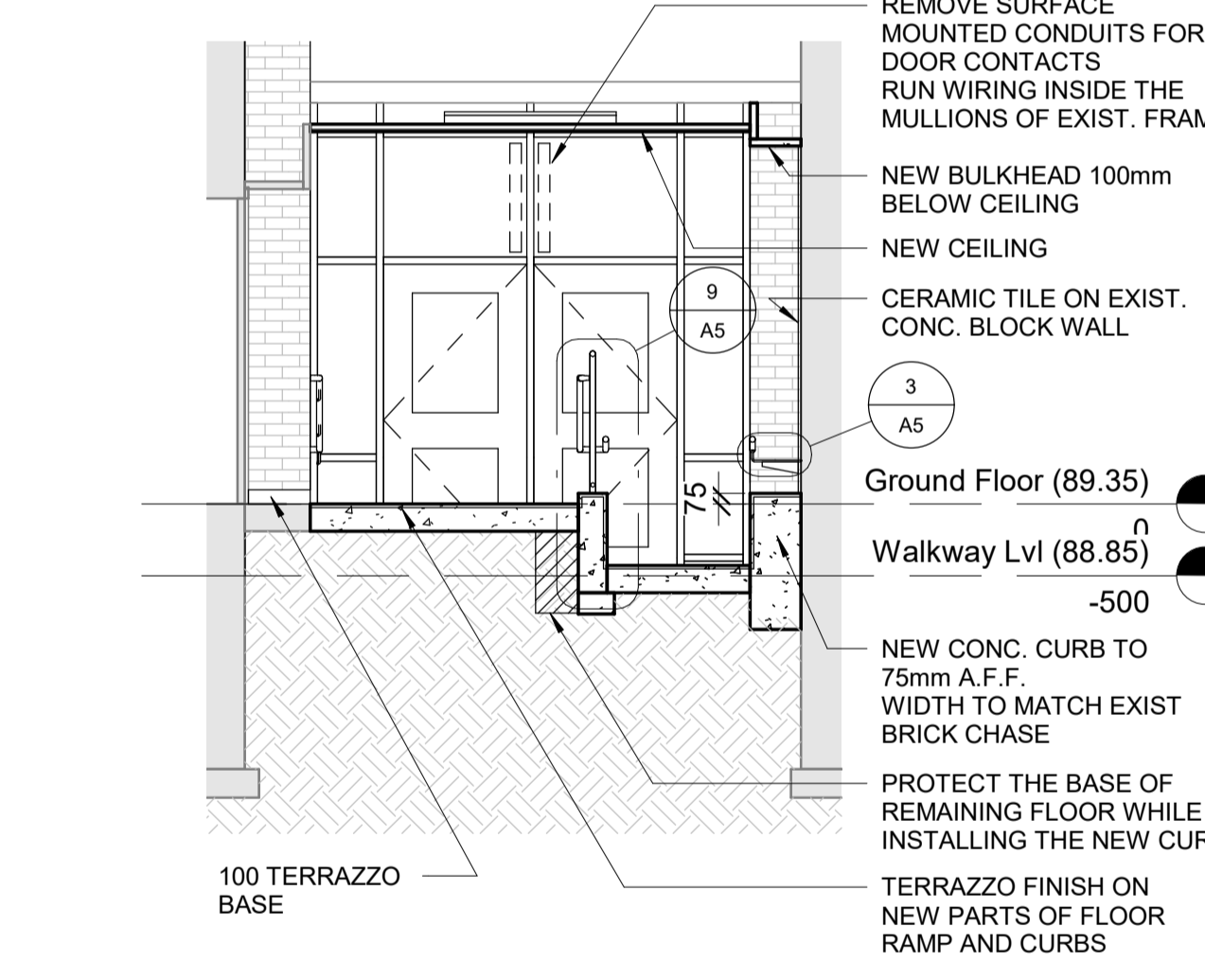
8 REFLECTED CEILING PLAN (WEST)
1 : 75



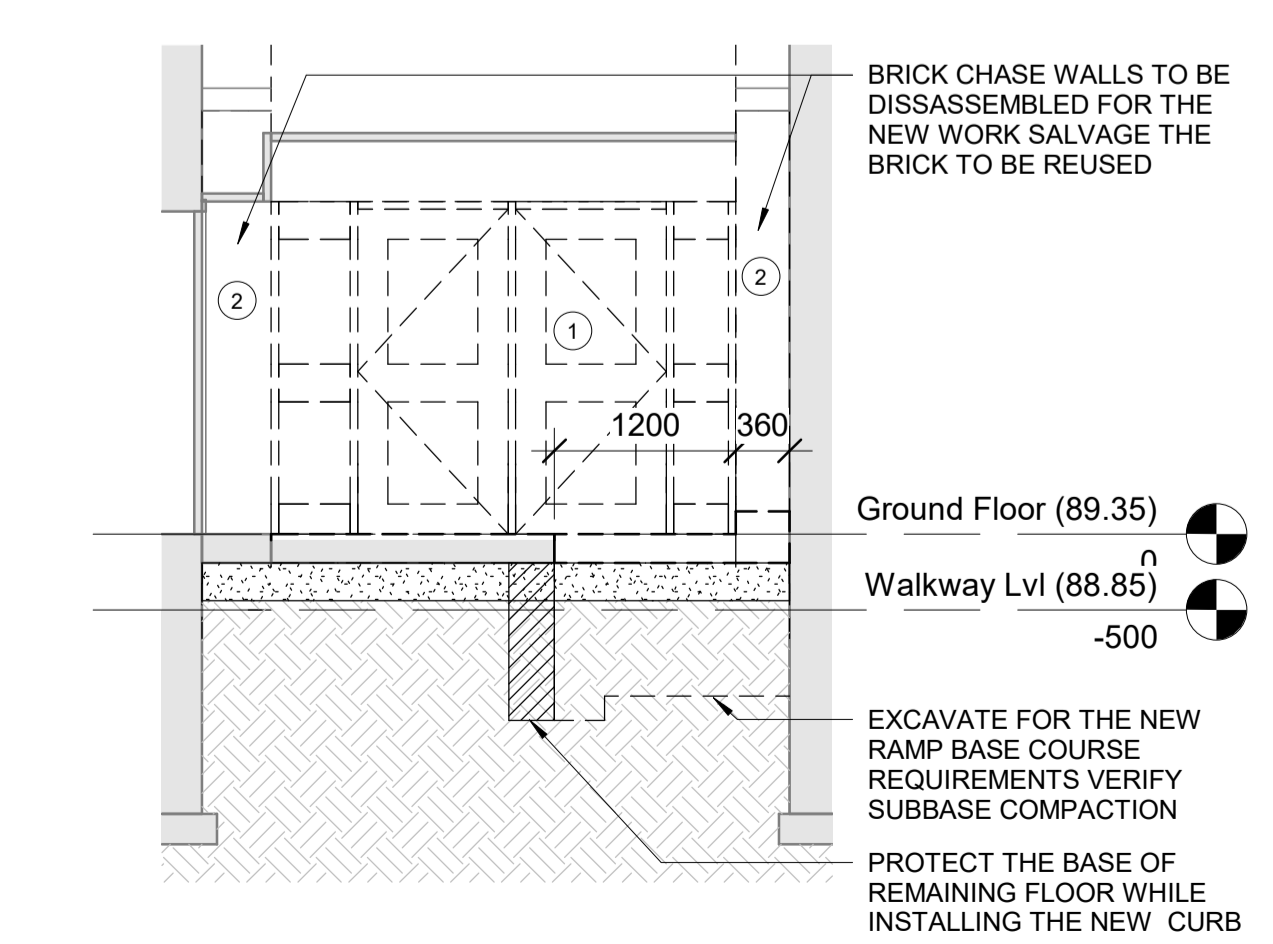
6 NEW CONSTRUCTION RAMP SECTION (WEST)
1 : 50



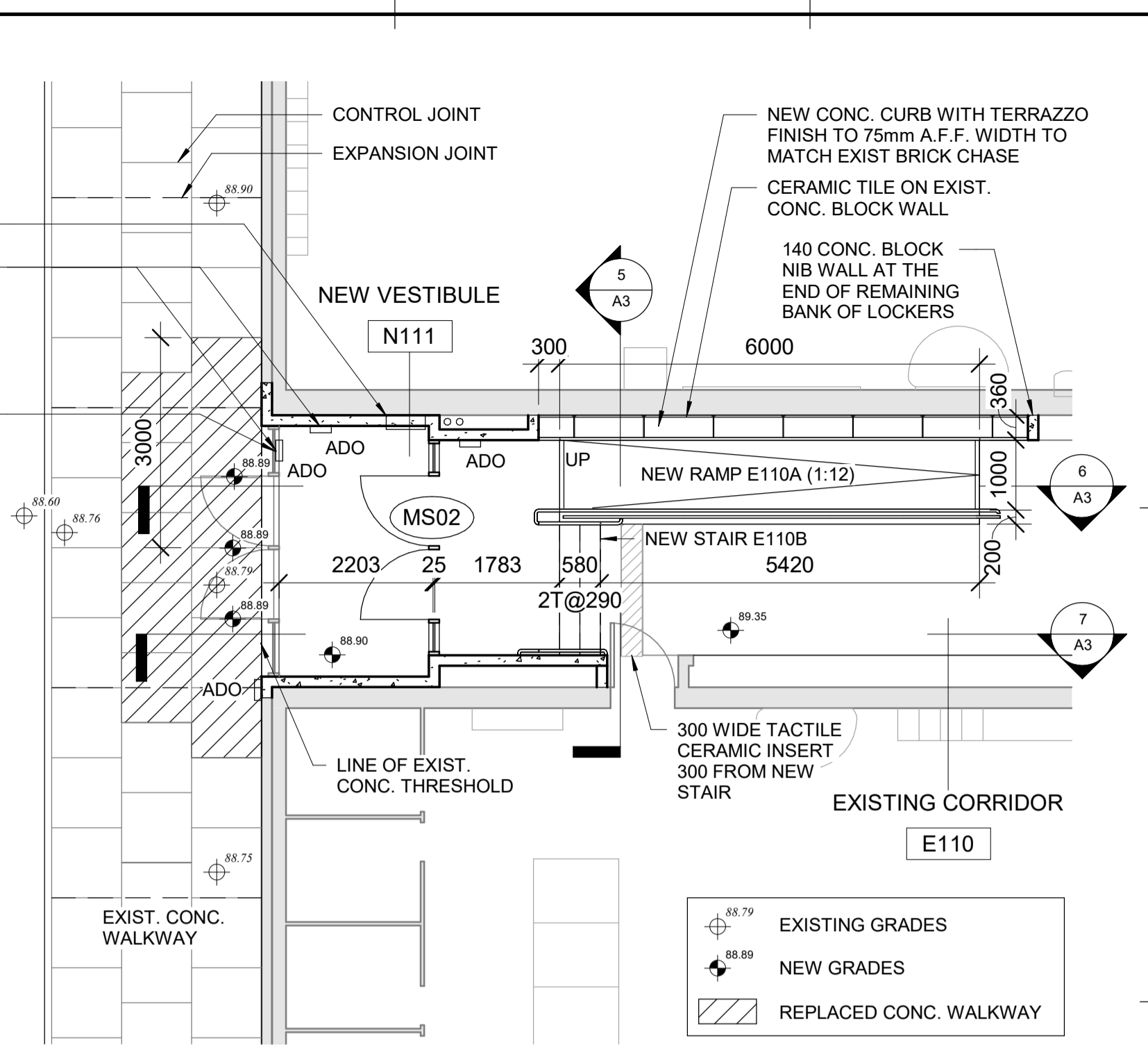
3 DEMOLITION SECTION (WEST)
1 : 50



5 NEW CONSTRUCTION CROSS-SECTION (WEST)
1 : 50

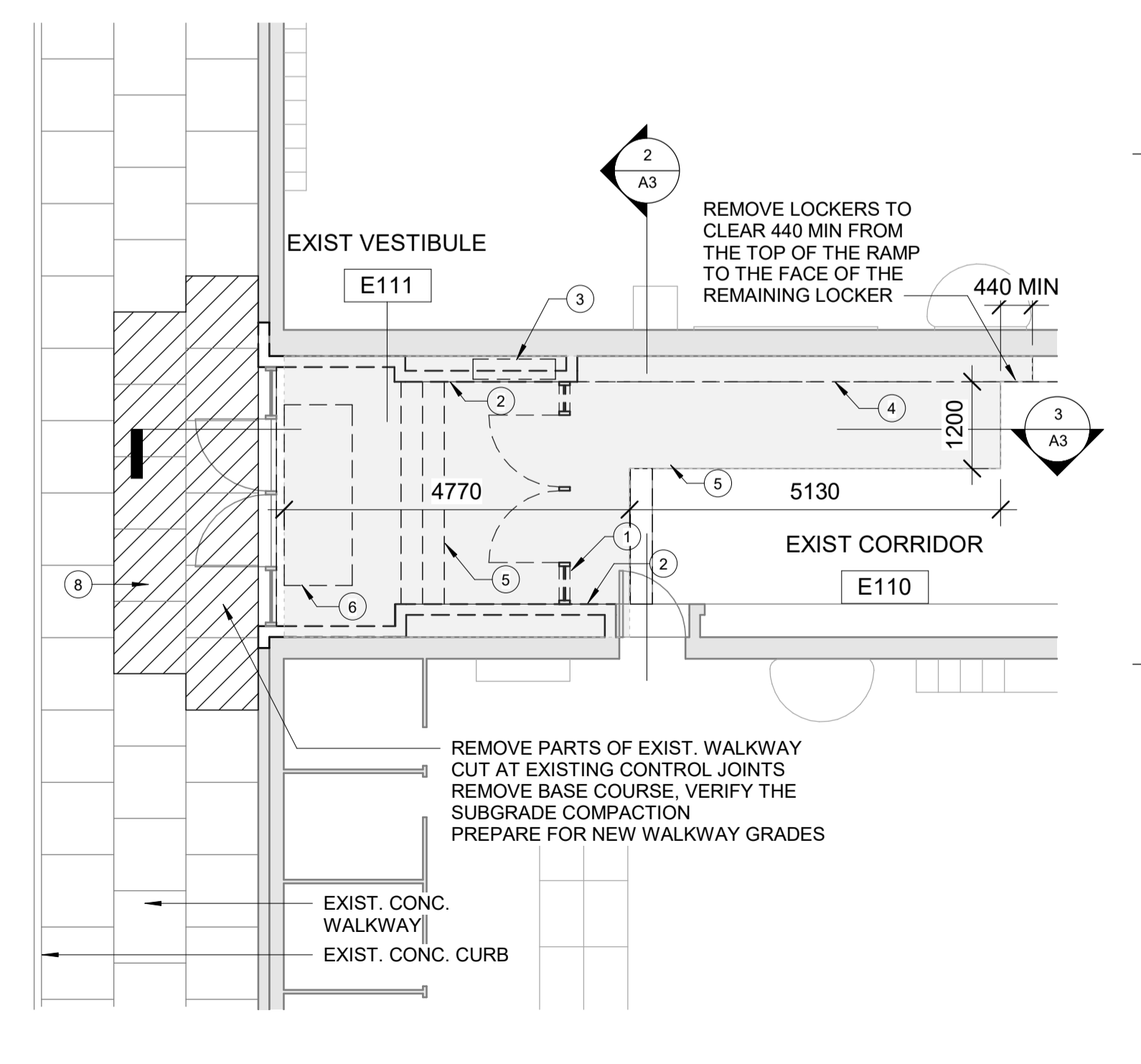


2 DEMOLITION CROSS-SECTION (WEST)
1 : 50



4 NEW CONSTRUCTION PLAN (WEST)
1 : 75

DEMOLITION NOTES (A3)	
1	REMOVE EXISTING EXISTING HM DOORS AND FRAME AND GYP. BOARD BULKHEAD ABOVE
2	REMOVE BRICK CHASE WALLS ON BOTH SIDES OF THE VESTIBULE. SALVAGE THE BRICK, ESPECIALLY CORNER UNITS WITH BULLNOSES.
3	REMOVE EXISTING RECESSED HEATER. SEE MECHANICAL DRAWINGS FOR RELOCATION NOTES
4	REMOVE METAL LOCKERS & LOCKER BULKHEADS TO CLEAR 8150mm FROM TOP OF EXISTING STAIR
5	REMOVE EXISTING CONCRETE STAIR AND PARTS OF THE CONCRETE SLAB FULL WIDTH OF THE CORRIDOR, CUT AND REMOVE PARTS OF CONCRETE SLAB AREA OF CUT AS SHOWN
6	REMOVE CERAMIC TILE INFILL OF FORMER SINK MAT AND TERRAZZO AT THE LOWER LEVEL OF VESTIBULE
7	REMOVE PARTS OF EXISTING LAP CEILING
8	REMOVE PARTS OF EXIST. WALKWAY



1 DEMOLITION PLAN (WEST)
1 : 75

KEY TO DETAIL LOCATION	
No.	DETAIL NUMBER
No.	DRAFTING NUMBER
5	A5
6	A3
7	A3

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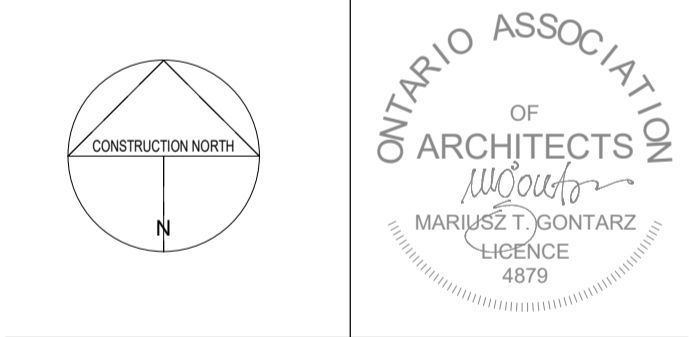
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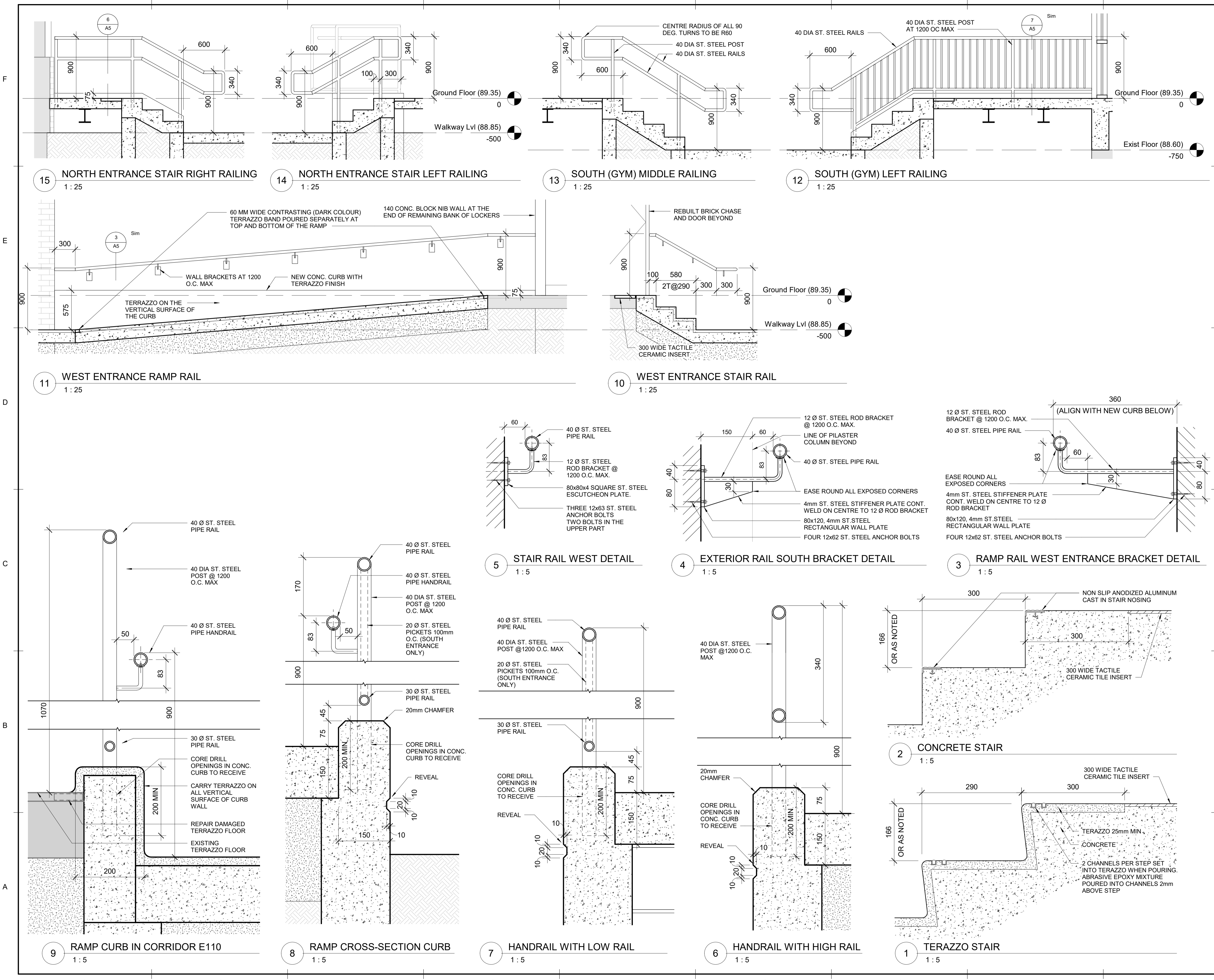
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PROJECT TITLE:
**PORT CREDIT SECONDARY SCHOOL
BARRIER FREE ENTRANCES ALTERATIONS 2021**

MISSISSAGUA
DRAWING TITLE:
WEST ENTRANCE

PROJECT NO. **1902** DWG. NO. **A3**



KEY TO DETAIL LOCATION

No.	DETAIL NUMBER
6	A5
7	A5
3	A5

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PROJECT TITLE:
**PORT CREDIT SECONDARY SCHOOL
BARRIER FREE ENTRANCES ALTERATIONS 2021**

MISSISSAGUA

DRAWING TITLE:
DETAILS

KEY TO DETAIL LOCATION	
No.	DETAIL NUMBER

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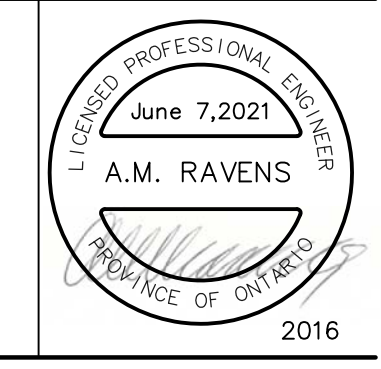
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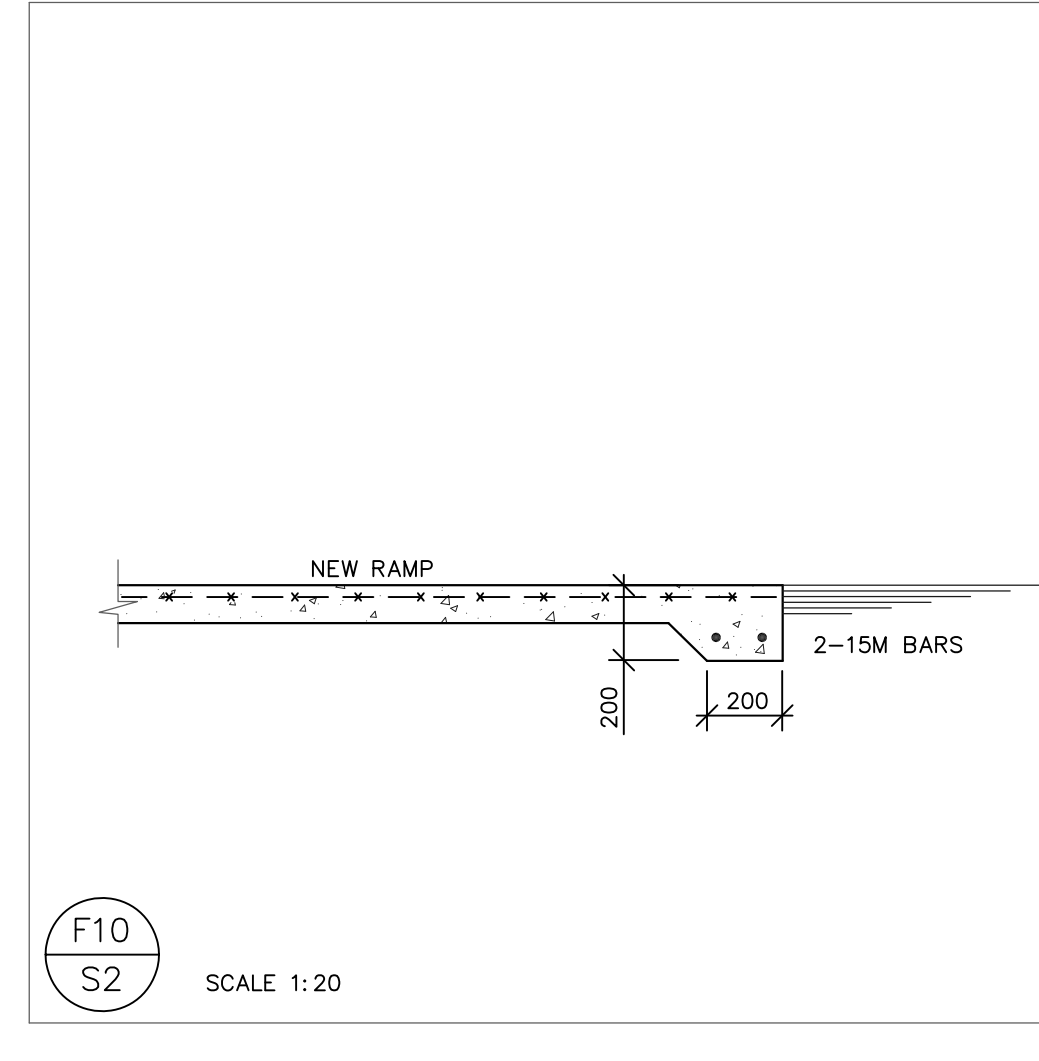
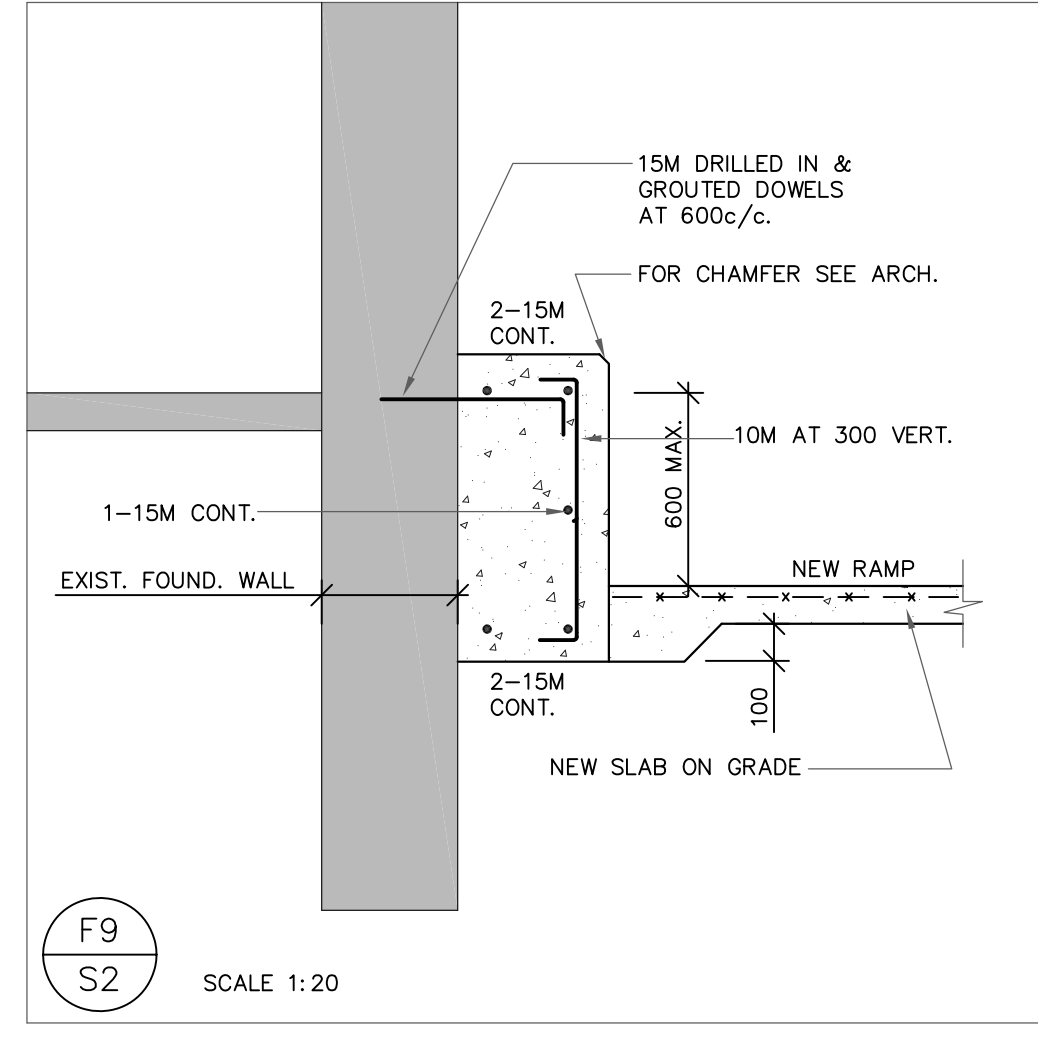
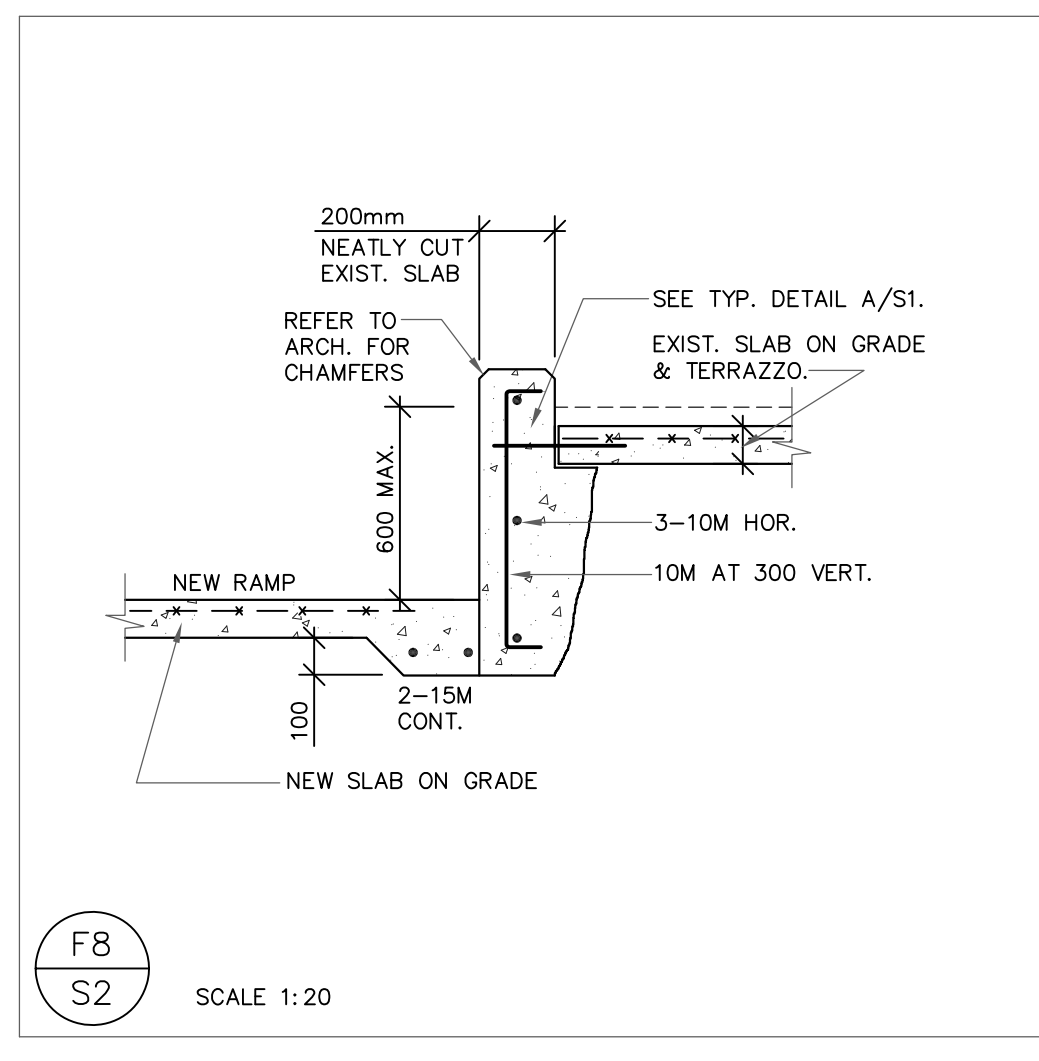
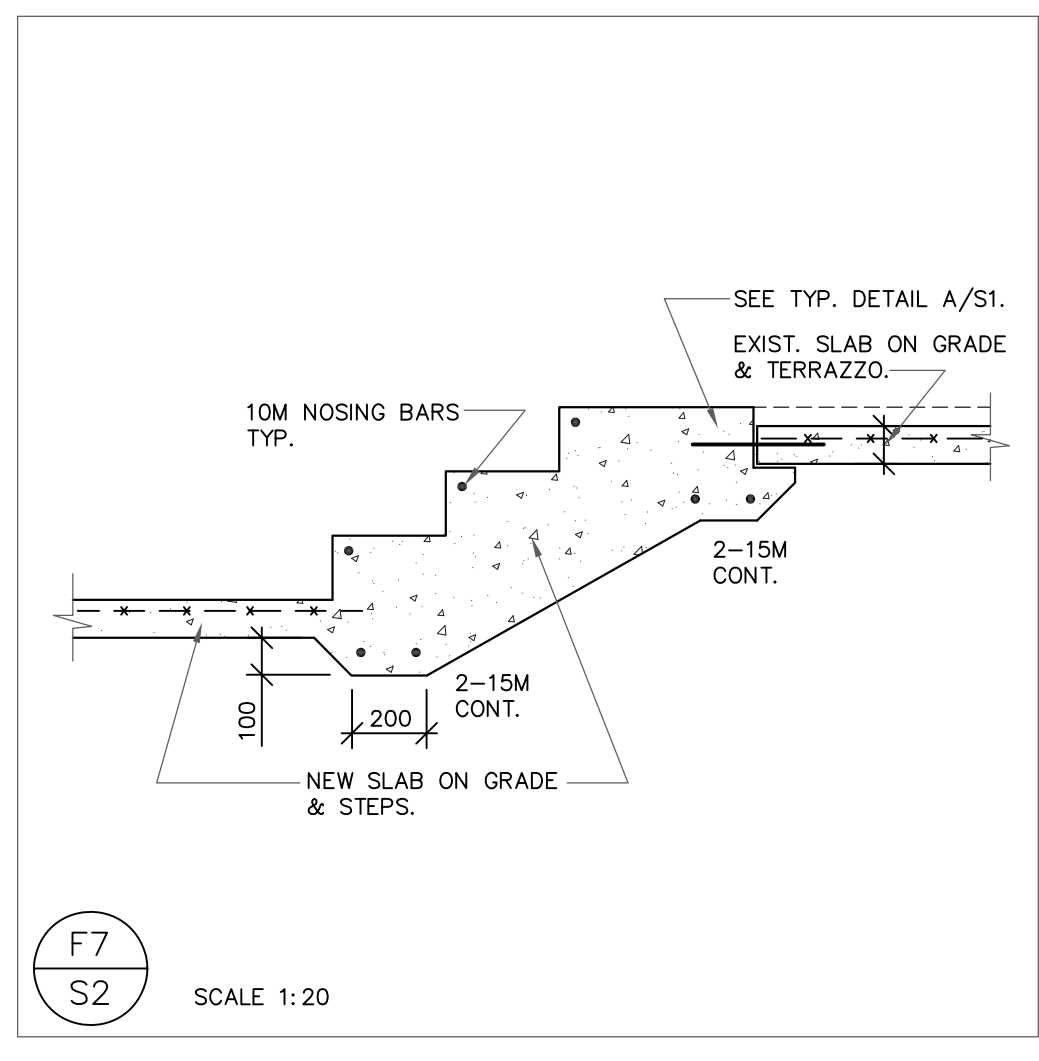
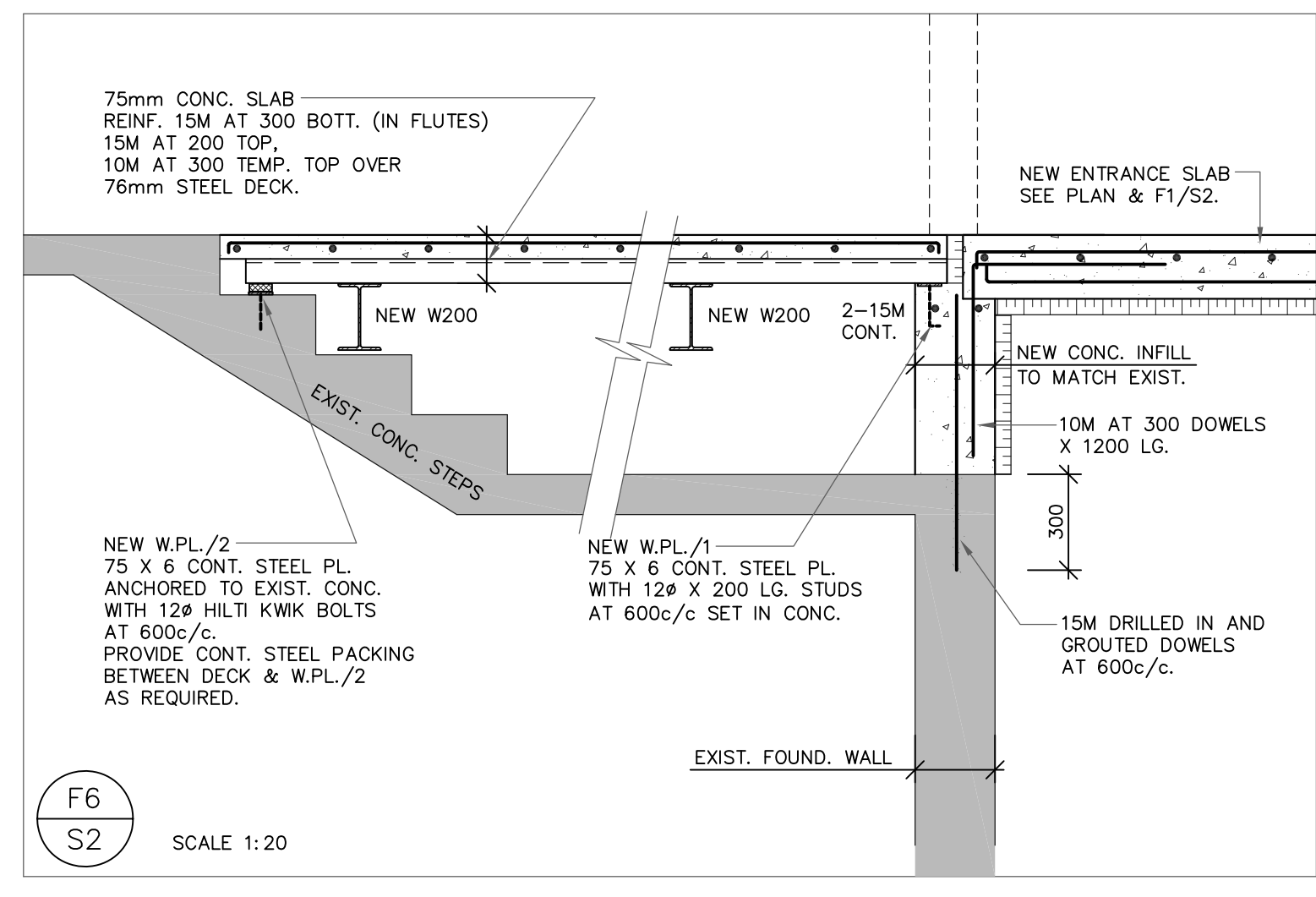
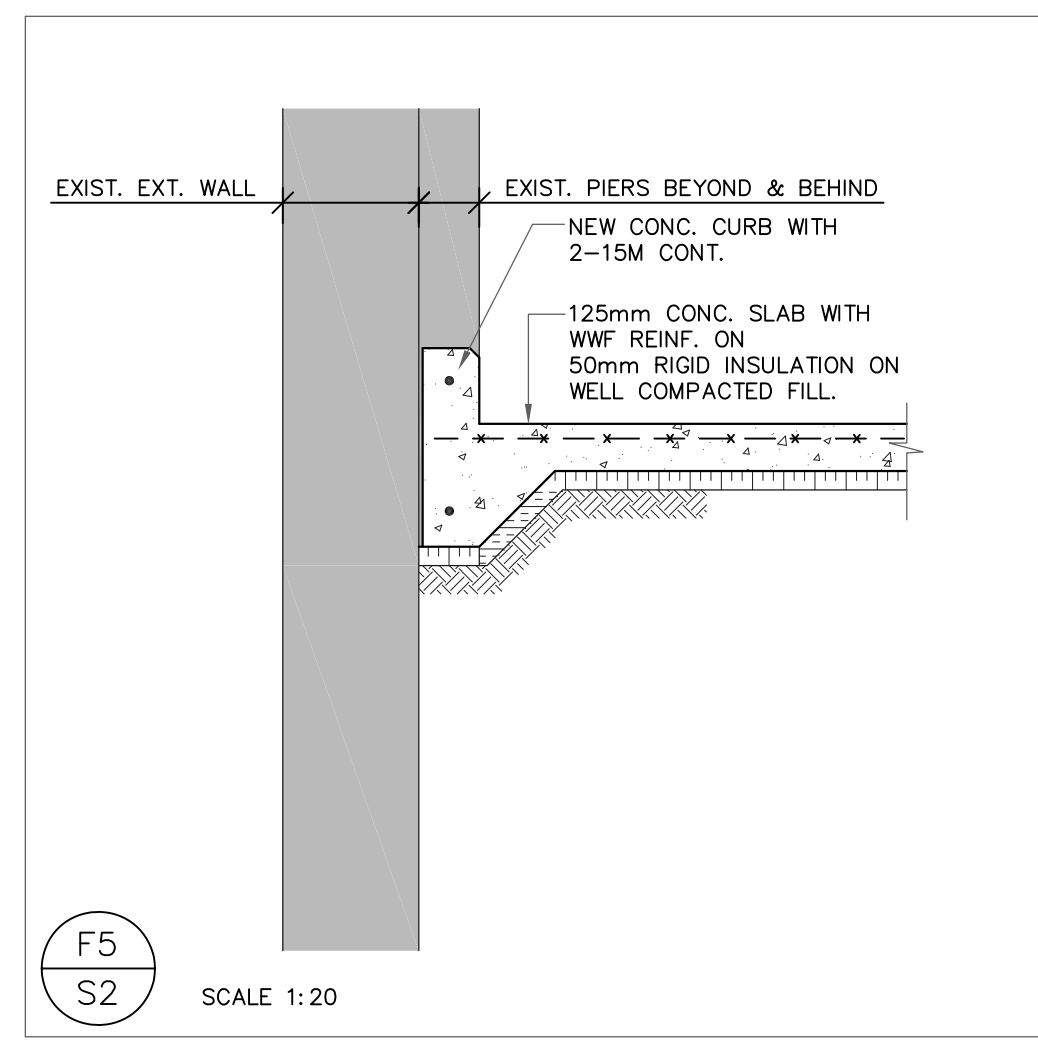
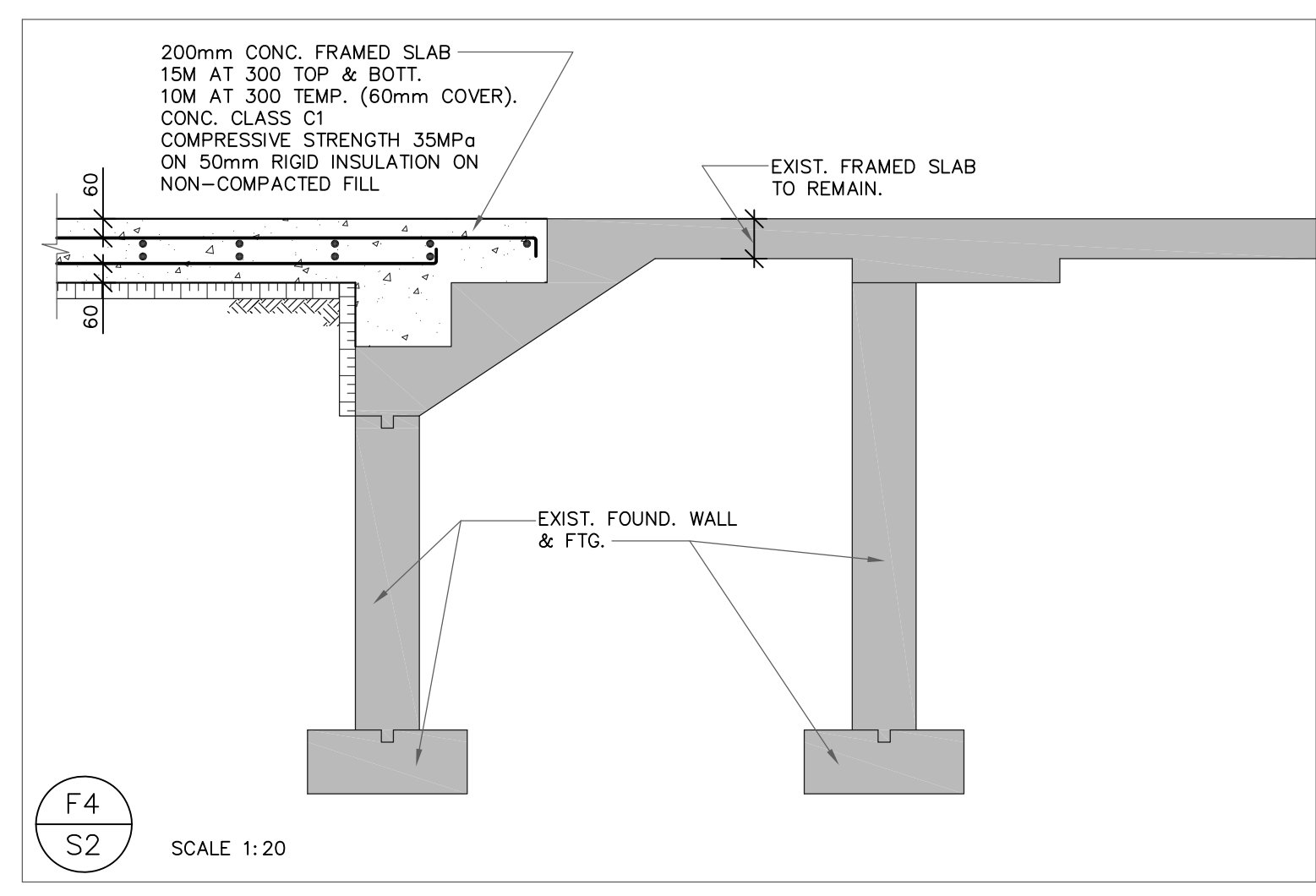
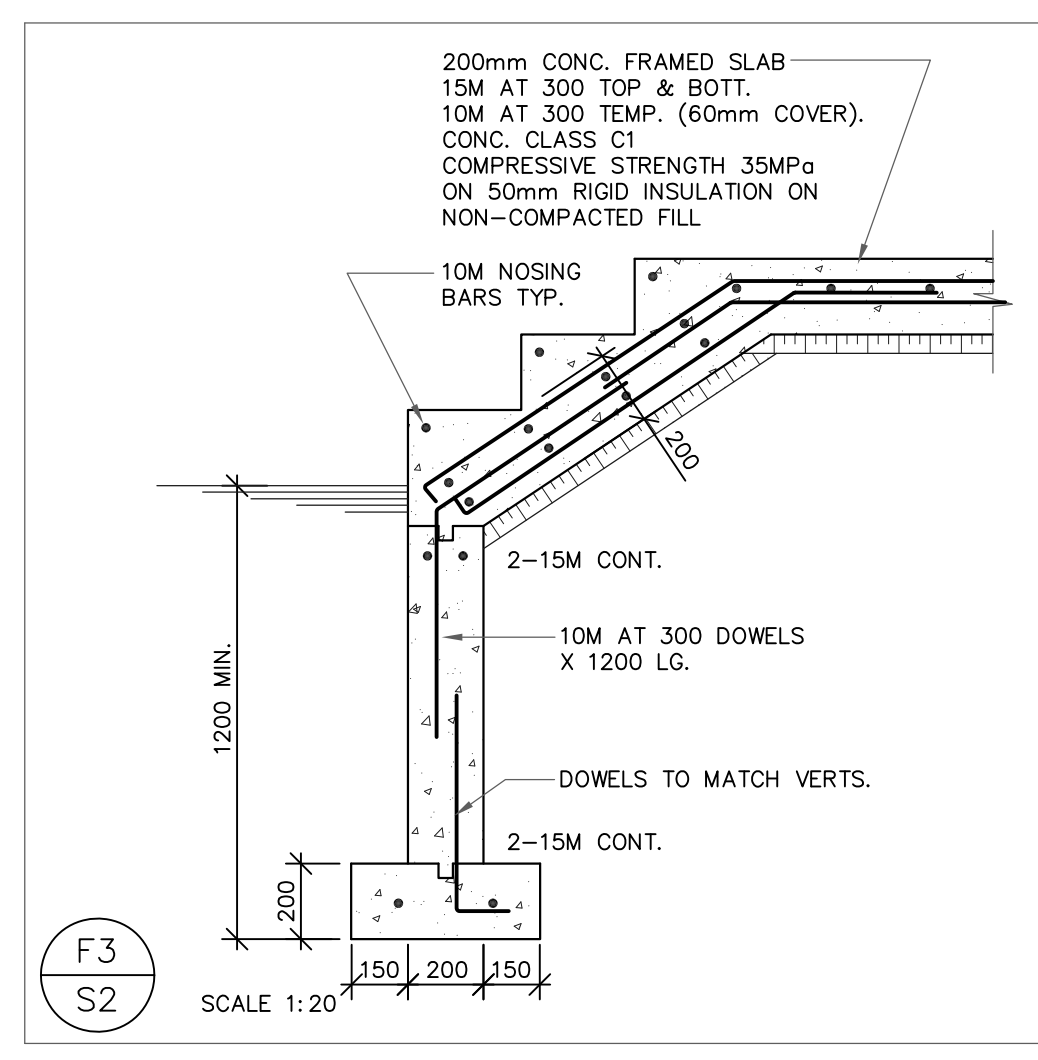
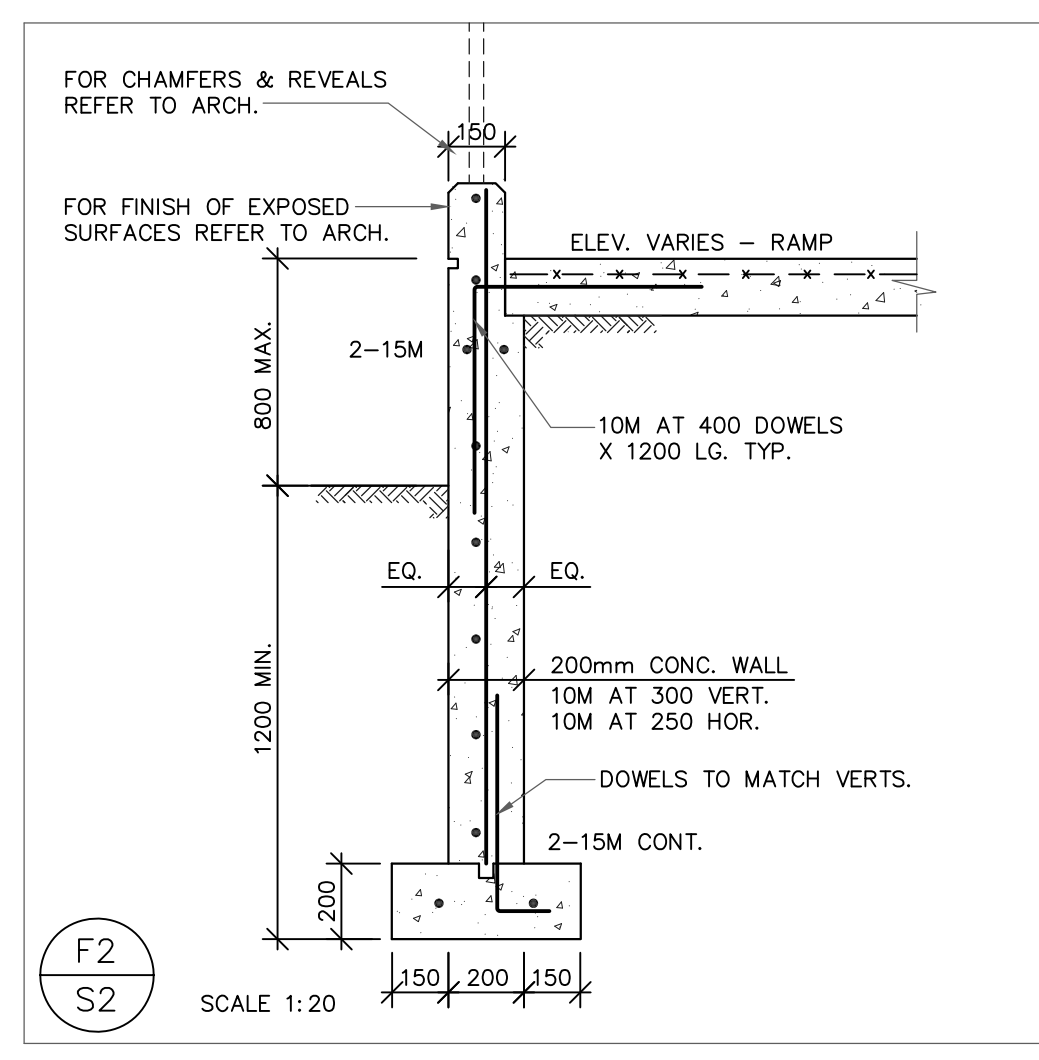
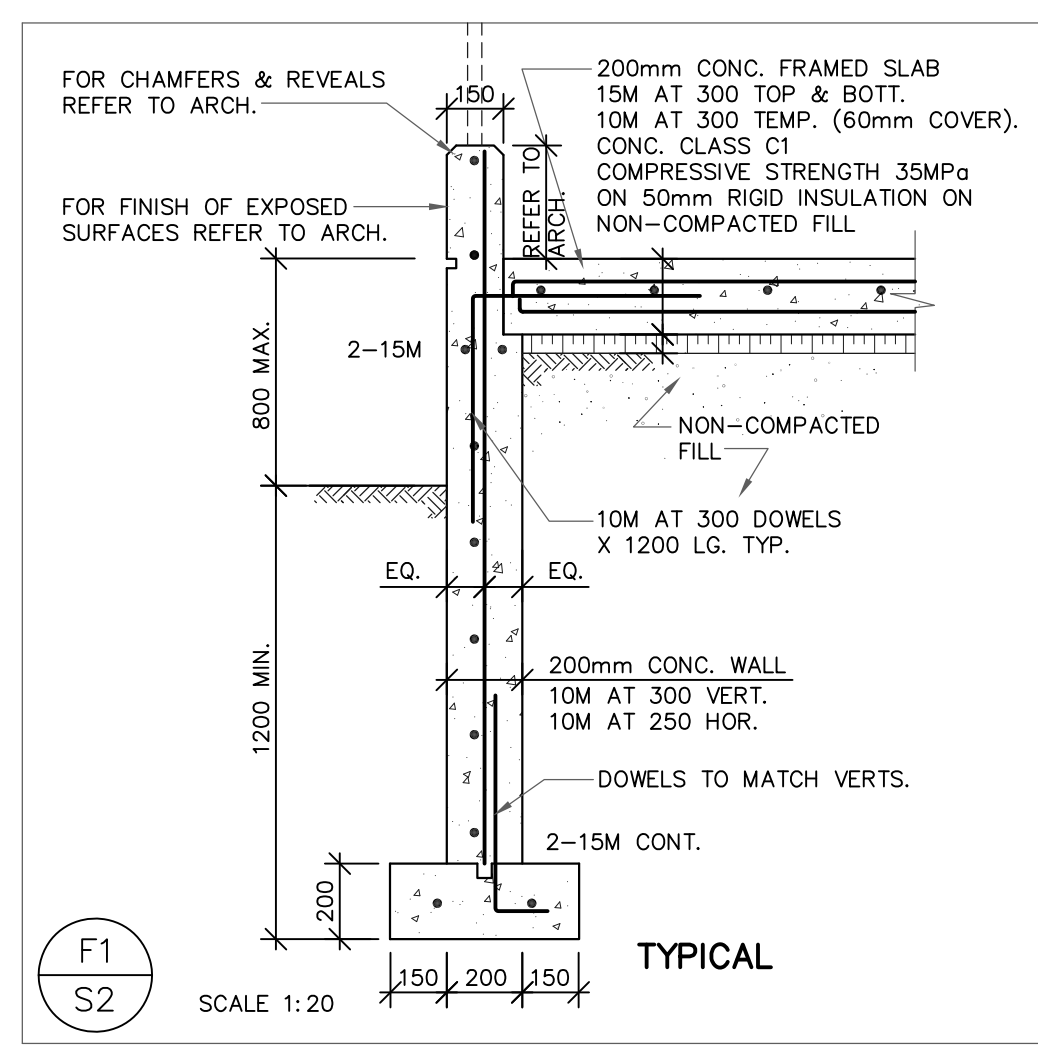
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 DATE: **MAY 2021**

PROJECT TITLE:
**PORT CREDIT
 SECONDARY SCHOOL
 BARRIER FREE ENTRANCES
 ALTERATIONS 2021**

MISSISSAGUA

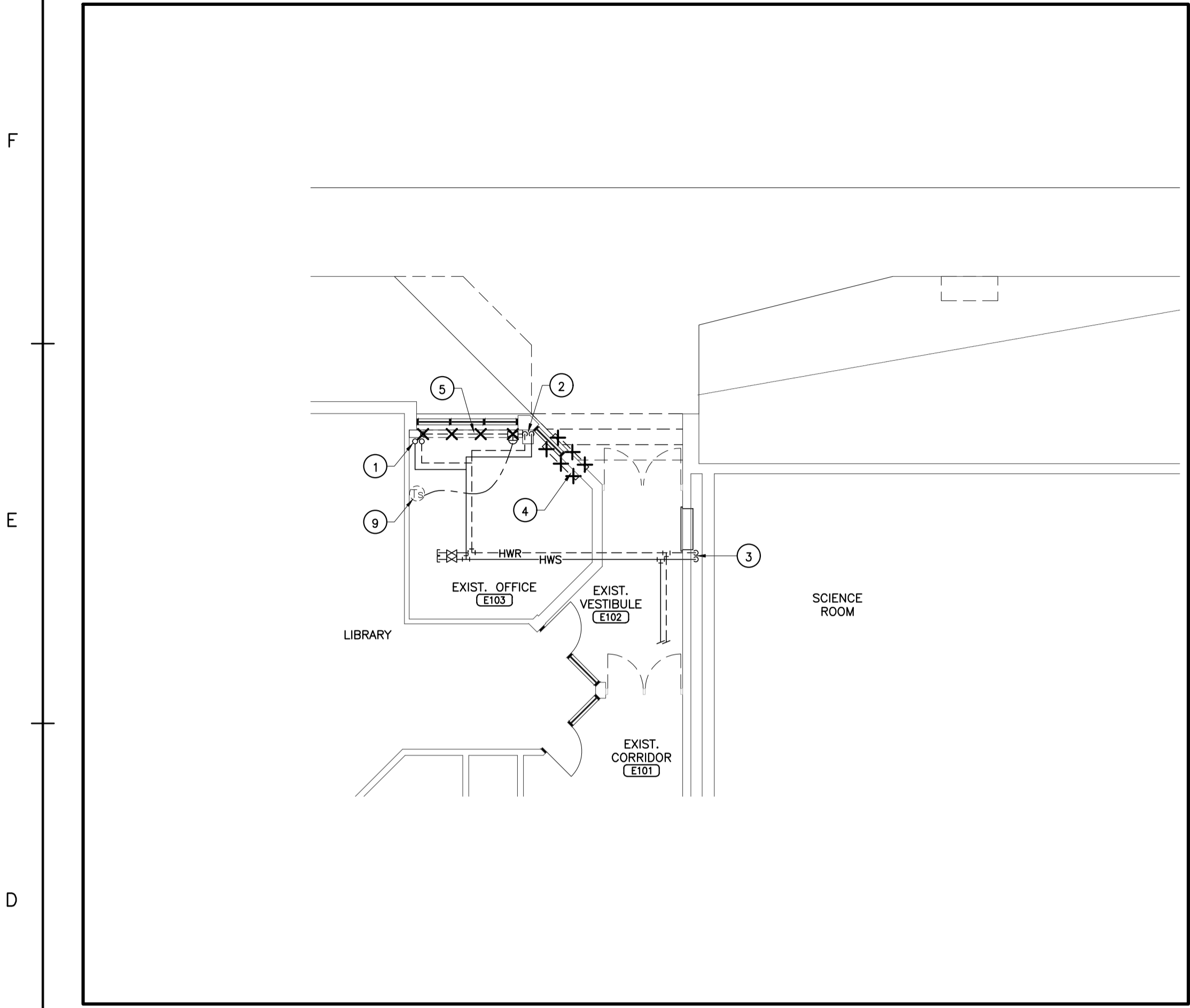
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**ENTRANCE SLABS
 SECTIONS**

PROJECT NO. **1902** DWG NO. **S2**

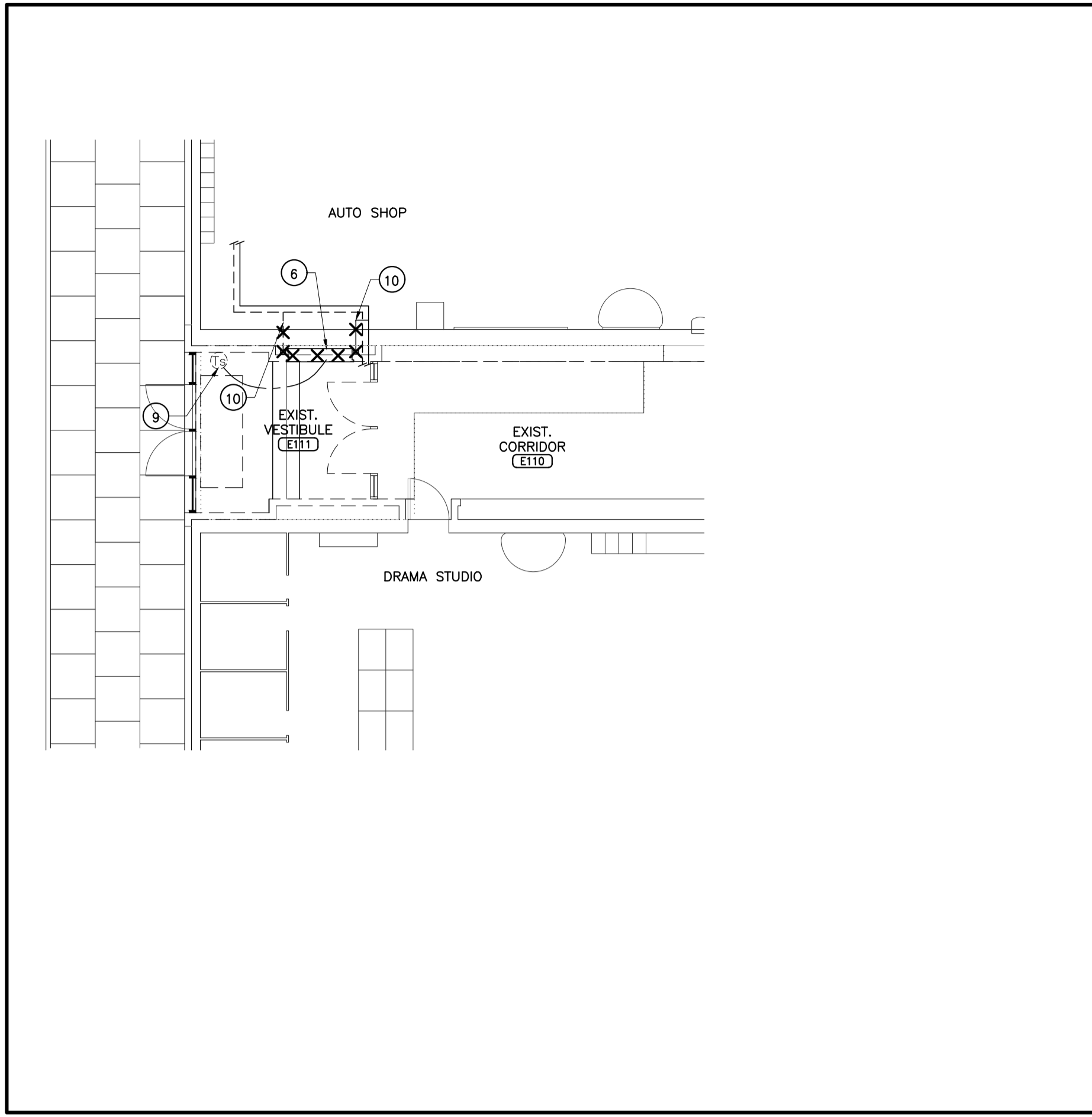


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1 PARTIAL GROUND FLOOR (NORTH LIBRARY ENTRANCE) – DEMOLITION
SCALE: 1:100



3 PARTIAL GROUND FLOOR (WEST ENTRANCE) – DEMOLITION
SCALE: 1:100

- KEYED NOTES (DEMOLITION WORK):**
- 1- EXISTING HOT WATER SUPPLY & RETURN PIPING UP TO FLOOR ABOVE TO REMAIN.
 - 2- EXISTING HOT WATER SUPPLY & RETURN PIPING DN. TO REMAIN.
 - 3- EXISTING HOT WATER SUPPLY & RETURN PIPING DN. TO CABINET HEATER TO REMAIN.
 - 4- REMOVE EXISTING A/C UNIT AND MAKE READY FOR RELOCATION. MAKE WALL GOOD AFTER REMOVAL.
 - 5- REMOVE EXISTING WALLFIN HEATER.
 - 6- REMOVE EXISTING CABINET HEATER.
 - 7- EXISTING HOT WATER SUPPLY & RETURN PIPING DN. TO BE REMOVED BACK TO CEILING SPACE AS SHOWN AND MAKE READY FOR NEW CONNECTIONS.
 - 8- EXISTING HOT WATER SUPPLY & RETURN PIPING TO BE REMOVED BACK TO THIS POINT AND READY FOR NEW CONNECTION.
 - 9- EXISTING TEMPERATURE SENSOR TO REMAIN.
 - 10- REMOVE EXISTING HOT WATER SUPPLY & RETURN PIPES BACK TO THIS POINT AND MAKE READY FOR NEW CONNECTIONS.
 - 11- REMOVE EXISTING TEMPERATURE SENSOR & MAKE READY FOR RELOCATION.

SYMBOL LEGEND

	LOW VOLTAGE THERMOSTAT (G=GUARD)
	GLOBE VALVE
	BUTTERFLY VALVE
	CHECK VALVE
	CIRCUIT BALANCING VALVE
	3 WAY MODULATING VALVE
	SOLENOID VALVE
	2 WAY MODULATING VALVE
	COMPLETE WITH
	CONNECTED TO EXISTING
	EXISTING TO BE REMOVED
	RELOCATE EXISTING
	HOT WATER SUPPLY
	HOT WATER RETURN

KEY TO DETAIL LOCATION

No.	DETAIL NUMBER	NUMBER DRAWING NUMBER

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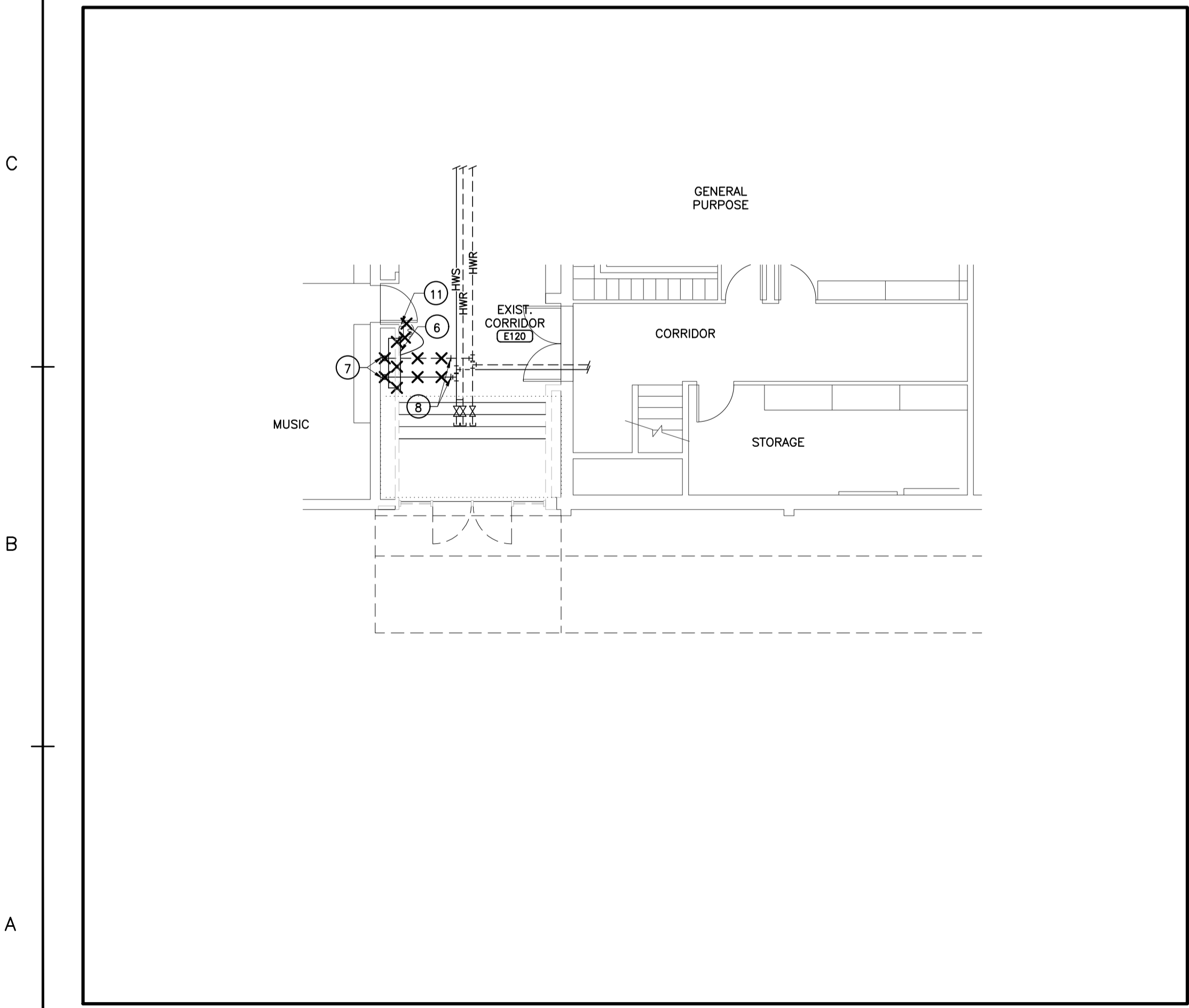
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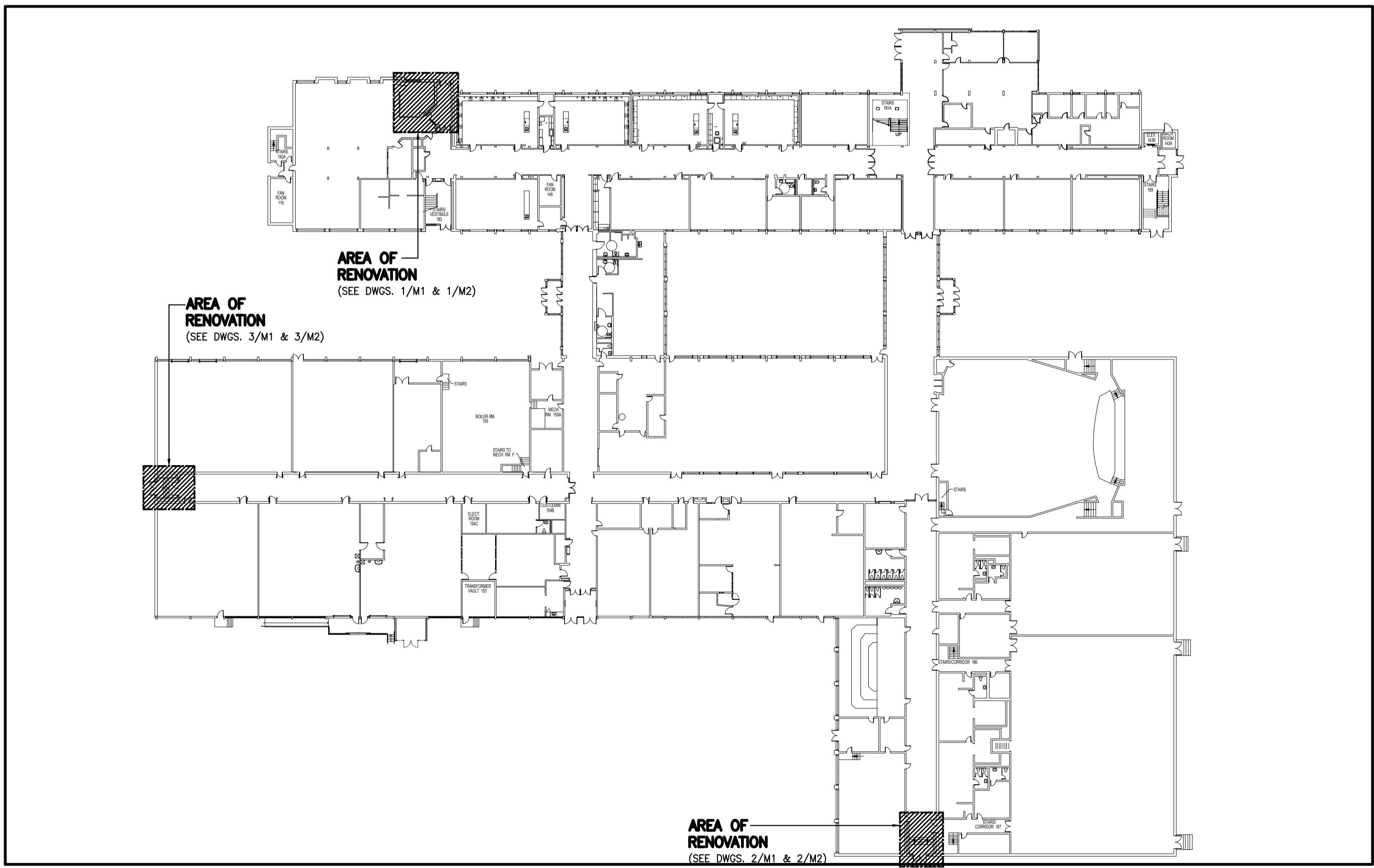
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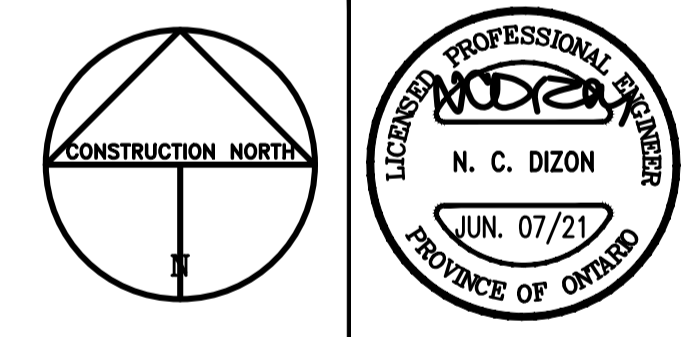


2 PARTIAL GROUND FLOOR (SOUTH GYM ENTRANCE) – DEMOLITION
SCALE: 1:100



4 KEY PLAN
SCALE: 1:500

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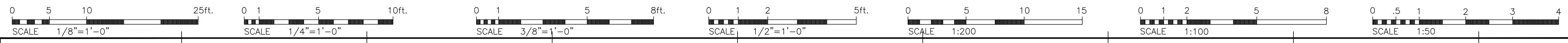
DRAWN BY: J.Y.
CHECKED BY: N.D.
DATE: JUNE 2021
PROJECT TITLE:

PORT CREDIT SECONDARY SCHOOL BARRIER FREE ENTRANCES ALTERATIONS 2021

70 MINEOLA RD., EAST, MISS., ONT., L5G 2E5

DRAWING TITLE:
HVAC -
KEY PLAN, LEGEND □
DEMOLITION PARTIAL FLOOR PLAN

SCALE: AS SHOWN
PROJECT NO. **1902** DWG. NO. **M1**



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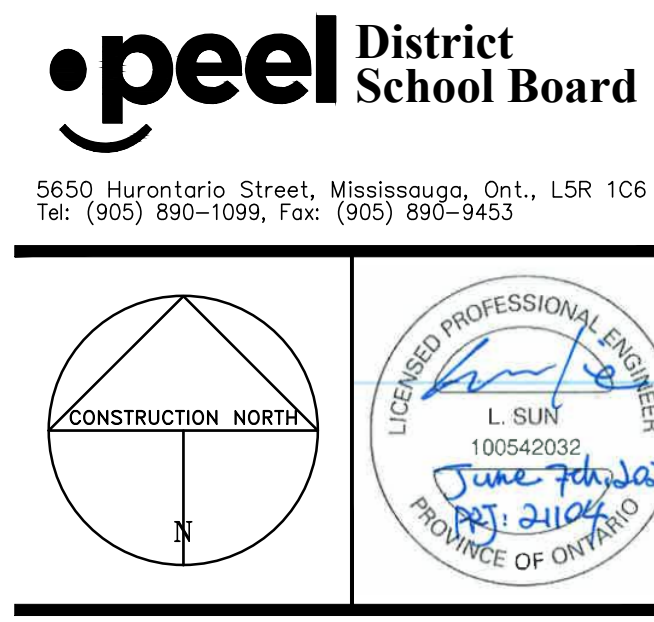
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1	ISSUED FOR BUILDING PERMIT	7JUN2021
2	ISSUED FOR TENDER	7JUN2021

CONSULTANTS:		
ARCHITECTURAL		
MG ARCHITECTS INC. 18 KUHL AVENUE TORONTO, ONTARIO M9B 5X9 PHONE: 416-239-1933		
STRUCTURAL		
RAVENSON ENGINEERING INC. 1061 EGLINTON AVE. WEST, SUITE 201 TORONTO, ONTARIO M6C 2C9 PHONE: 416-782-1644		
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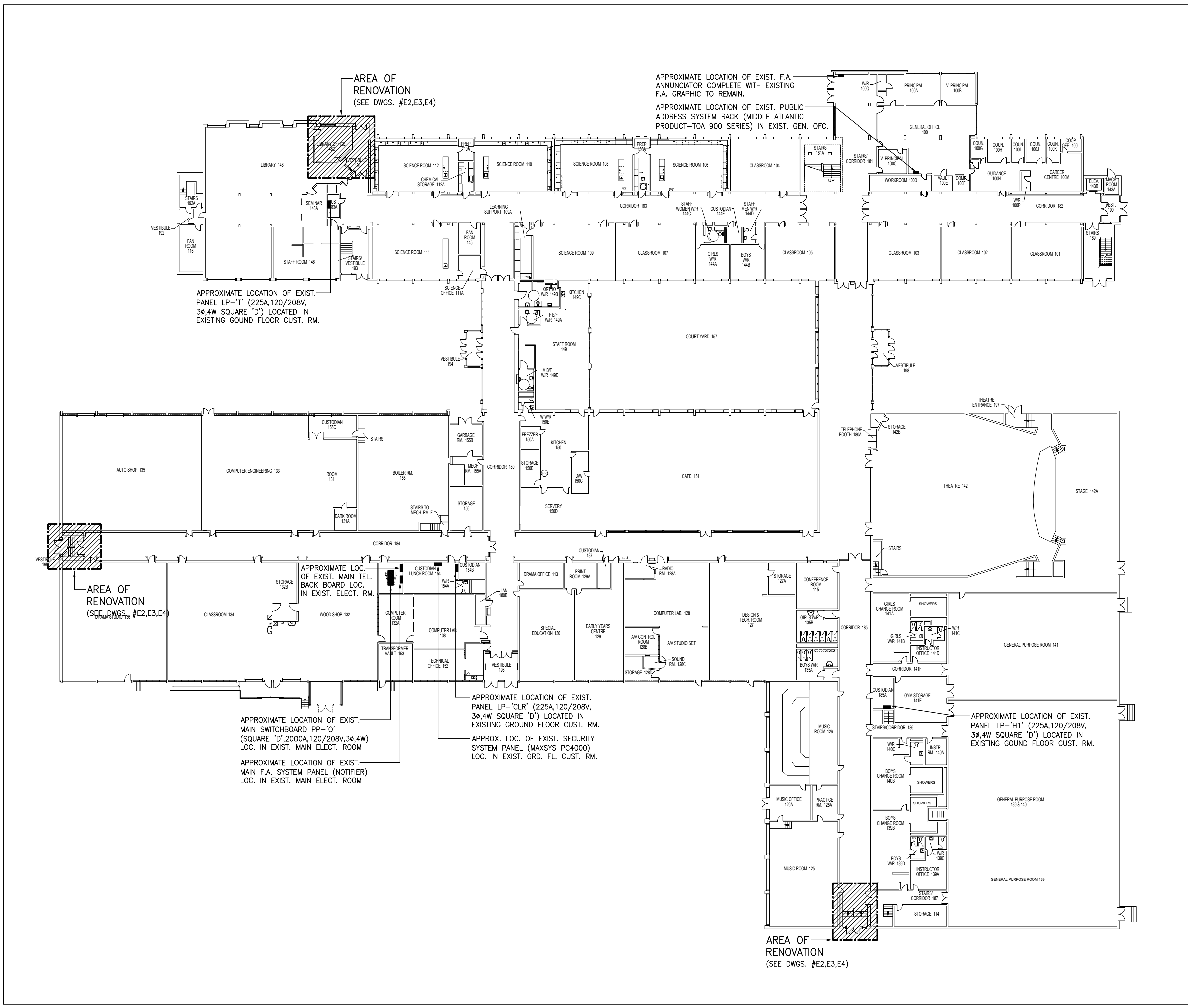
ELECTRICAL LEGEND OF SYMBOLS, KEY PLAN AND NOTES

SCALE: AS SHOWN	PROJECT NO. 1902	DWG. NO. E1
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Revision: 0 21104

LEGEND OF SYMBOLS

	1'x4' LED LIGHT FIXTURE, RECESSED MOUNTED.
	WALL OR CEILING MOUNTED LIGHT FIXTURE.
	120 VOLT LIGHTING TOGGLE SWITCH - '3' DENOTES THREE WAY, 'K' DENOTES KEY SWITCH (SWITCHES SHALL BE GANGED TOGETHER).
	FLUSH MOUNTED 120 VOLT MOTOR RATED SWITCH - P DENOTES C/W PILOT LIGHT
	REMOTE EMERGENCY LIGHTING HEAD(S) (CONNECT TO EXISTING EMERGENCY).
	EXIT SIGN WALL OR CEILING MOUNTED WITH RUNNING MAN PICTOGRAM - ARROW DENOTES DIRECTION OF TRAVEL. ELECTRICAL CONTRACTOR MUST CONFIRM ON SITE WITH BUILDING INSPECTOR FOR THE CORRECT TYPE OF ALL NEW EXIT LIGHTS (LETTERING OR RUNNING MAN PICTOGRAM TYPE) BEFORE PLACING ORDER AND INSTALLATION.
	15A, 120V DUPLEX RECEPTACLE (W-DENOTES WASHER; C-DENOTES CEILING SPACE)
	15/20A, 120V, 1 phase GROUND FAULT INTERRUPTER COMBINATION DUPLEX RECEPTACLE ("NEMA" 5-20R 125V, 2POLE, 3 WIRE, GROUNDED)
	SPECIAL OUTLET (SIZE AND EQUIPMENT AS NOTED, CONNECT TO EQUIPMENT).
	ELECTRIC MOTOR (WIRING & EQUIPMENT AS NOTED)
	DISCONNECT SWITCH (WP DENOTES WEATHERPROOF; RT DENOTES RAINTIGHT; EXP DENOTES EXPLOSION PROOF)
	MANUAL MOTOR STARTER (P DENOTES PILOT LIGHT, SUPPLIED BY DIV.15, INSTALLED BY DIV.16)
	FIRE ALARM PULL STATION (SHALL MATCH EXISTING)
	FLUSH MOUNTED FIRE ALARM SPEAKER-'S' DENOTES C/W STROBE LIGHT SPRLA & SPSRLA (SHALL MATCH EXISTING)
	FIRE ALARM SMOKE DETECTOR (SHALL MATCH EXISTING)
	FIRE ALARM HEAT DETECTOR (SHALL MATCH EXISTING)
	FLUSH MOUNTED OUTLET BOX C/W 16mm EMPTY CONDUIT TERMINATED IN ACCESSIBLE CEILING SPACE FOR TEMPERATURE SENSOR. EXACT LOCATION SHALL BE COORDINATED WITH MECHANICAL DRAWINGS. (TEMPERATURE SENSOR AND WIRING BY MECHANICAL DIV.)
	FLUSH MOUNTED CEILING P.A. SPEAKER, BACK BOX COMPLETE WITH ASSOCIATED 21mm EMPTY CONDUIT TERMINATED IN ACCESSIBLE CEILING SPACE.
	WEATHERPROOF OUTLET BOX FOR P.A. EXTERIOR BELLS C/W 21mmEC TERMINATED IN ACCESSIBLE CEILING SPACE.
	OUTLET FOR HANDICAP PUSH BUTTON. SEE DET.#4 ON DWG. E6.
	SECURITY DOOR CONTACT COMPLETE WITH ASSOCIATED CONDUIT/WIRES. CONNECT TO SECURITY PANEL.
	ELECTRIC STRIKE
	SECURITY MOTION DETECTOR COMPLETE WITH ASSOCIATED CONDUIT/WIRES. CONNECT TO SECURITY PANEL.
	JUNCTION BOX OR PULL BOX
	CCTV CAMERA (WP DENOTES WEATHER PROOF)
	SURFACE OR FLUSH MOUNTED ELECTRICAL PANELS.
	DENOTES EXISTING ITEM TO REMAIN
	DENOTES EXISTING ITEM TO BE RELOCATED. EXTEND EXISTING CONDUIT & WIRES TO NEW LOCATION AND ADJUST ALL ASSOCIATED COMPONENTS TO SUIT
	DENOTES EXISTING ITEM TO BE REMOVED (REMOVE ASSOCIATED CONDUIT & WIRES). RETAIN THE INTEGRITY OF THE EXISTING CIRCUIT(S) AND ADJUST ALL COMPONENTS TO SUIT
	DENOTES EXISTING ITEM IN RELOCATED POSITION. EXTEND EXISTING CONDUIT & WIRES FROM PREVIOUS LOCATION AND CONNECT (UNLESS OTHERWISE NOTED). COORDINATE EXACT LOCATION WITH ARCHITECT BEFORE ROUGH-INS. ADJUST ALL ASSOCIATED COMPONENTS TO SUIT.
	DENOTES EXISTING DEVICES TO BE TEMPORARILY DISCONNECTED AND REMOVED FROM THEIR LOCATIONS AND RE-INSTALLED TO THE ORIGINAL LOCATIONS AND CONNECTED TO THE SAME EXISTING ELECTRICAL CIRCUITS OR ZONE CIRCUITS.



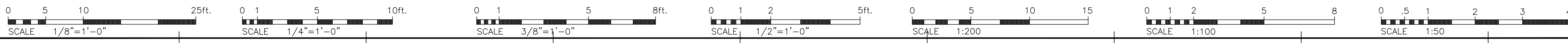
1 OVERALL GROUND FLOOR PLAN
SCALE: 1:350

GENERAL NOTES :

- FOR EXACT LOCATION OF LIGHTING FIXTURES REFER TO ARCH. DRAWINGS
- FOR EXACT LOCATION OF ALL A/C UNITS, PUMPS, MOTORS, HEATERS, ETC., SEE MECH. DRAWINGS.
- EXACT LOCATION FOR ALL OUTLETS SHALL BE DETERMINED BY THE ARCHITECT PRIOR TO ROUGHING-IN.
- CO-ORDINATE ALL WORK WITH MECHANICAL CONTRACTOR AND WITH CONTROLS CONTRACTOR (BAS)
- ELECTRICAL CONTRACTOR SHALL CO-ORDINATE THEIR WORK TO SUIT THE PROJECT PHASE SCHEDULE
- ALL NEW DUPLEX RECEPTACLES, F.A. PULL STATIONS AND SWITCHES SHALL BE FLUSH MOUNTED.
- ALL SYSTEMS CONDUIT(S) SHALL BE INSTALLED CONCEALED IN WALL(S) IN ALL AREAS. IF THE WALL(S) ARE NOT ACCESSIBLE/FEASIBLE FOR CONDUITS TO INSTALL INSIDE THE WALL THEN SURFACE MOUNTED SHALLOW WIREMOLD RACEWAY SHALL BE INSTALLED. INSTALLATION OF SURFACE MOUNTED CONDUIT IS NOT ACCEPTABLE.
- PROVIDE STAINLESS STEEL BLANK COVER PLATE FOR ALL UNUSED OUTLET BOX.
- PROVIDE BUSHINGS AT BOTH ENDS OF EACH CONDUIT/SLEEVE TERMINATED IN CEILING SPACE.
- PROVIDE TYPED WRITTEN UPDATED PANEL DIRECTORIES FOR ALL EXISTING PANELS AFFECTED BY THIS RENOVATION/ADDITION.
- PROVIDE PULL STRING IN ALL EMPTY CONDUIT.
- PROVIDE TEMPORARY CONSTRUCTION POWER AND LIGHTING IN ORDER TO MAINTAIN LEVELS OF CONSTRUCTION AND SAFETY.

ELECTRICAL EQUIPMENT MOUNTING HEIGHTS : (HANDICAP ACCESSIBLE AREAS)

- ELECTRICAL OUTLETS AND TELEPHONE OUTLETS: 400mm A.F.F. TO BOTTOM OF OUTLET (IN CORRIDORS, OFFICES, ETC...)
- LIGHT SWITCHES: 1000mm A.F.F. TO THE TOP OF SWITCHES
- THERMOSTAT "SENSING" DEVICES: 1200mm A.F.F. TO THE TOP OF OUTLET BOX. (SEE MECHANICAL).
- FIRE ALARM PULL STATIONS: 1200mm A.F.F. TO THE TOP OF OUTLET (COORDINATE WITH BUILDING AND FIRE DEPARTMENT)
- FIRE ALARM SPEAKER, SPEAKER/STROBES: 2400mm AFF TO TOP OF OUTLET BOX.
- COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT/OWNER PRIOR TO ANY ROUGH-IN.



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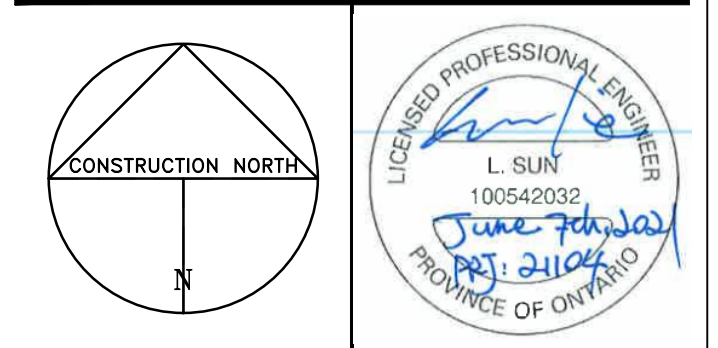
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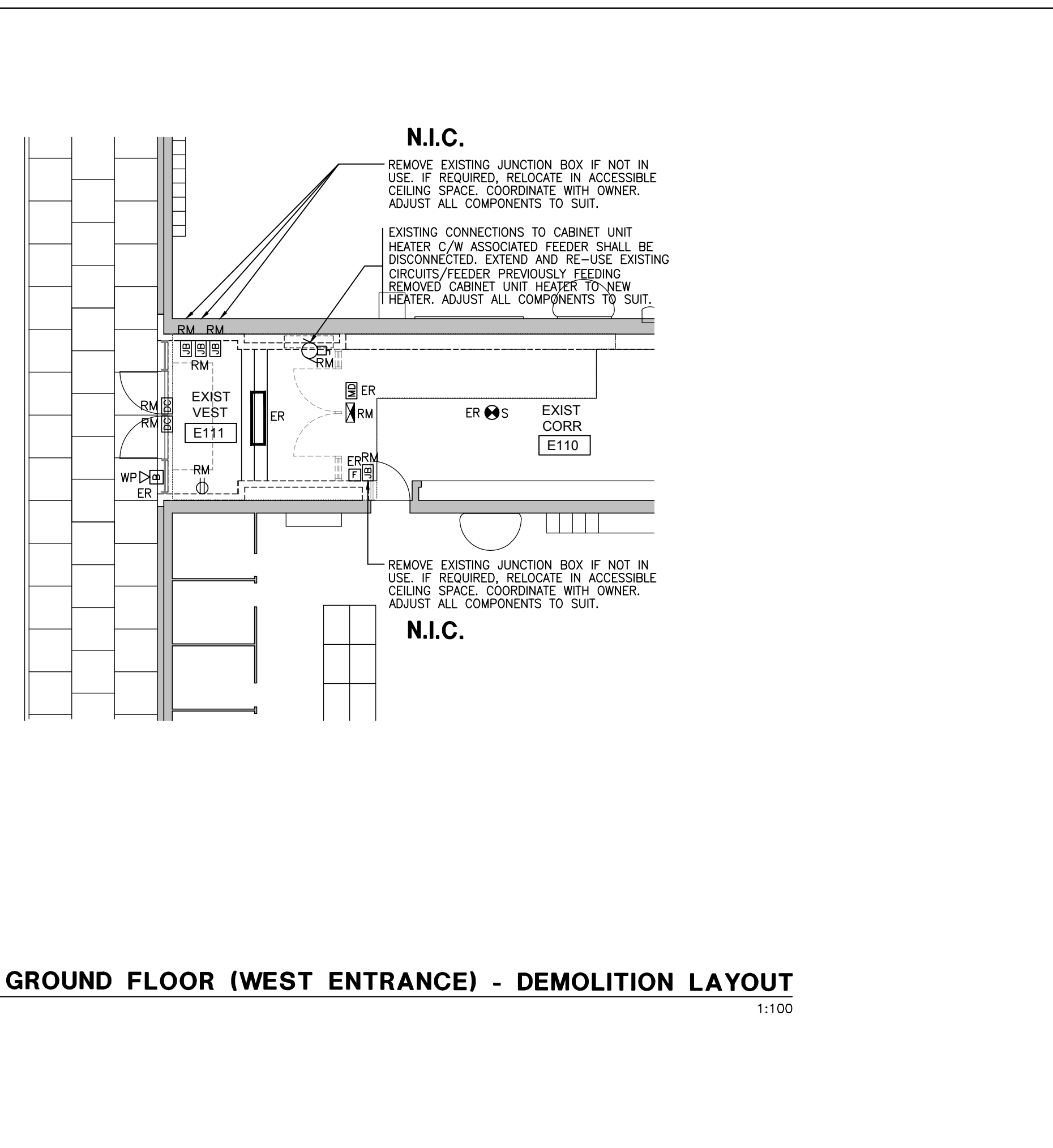
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PROJECT TITLE:
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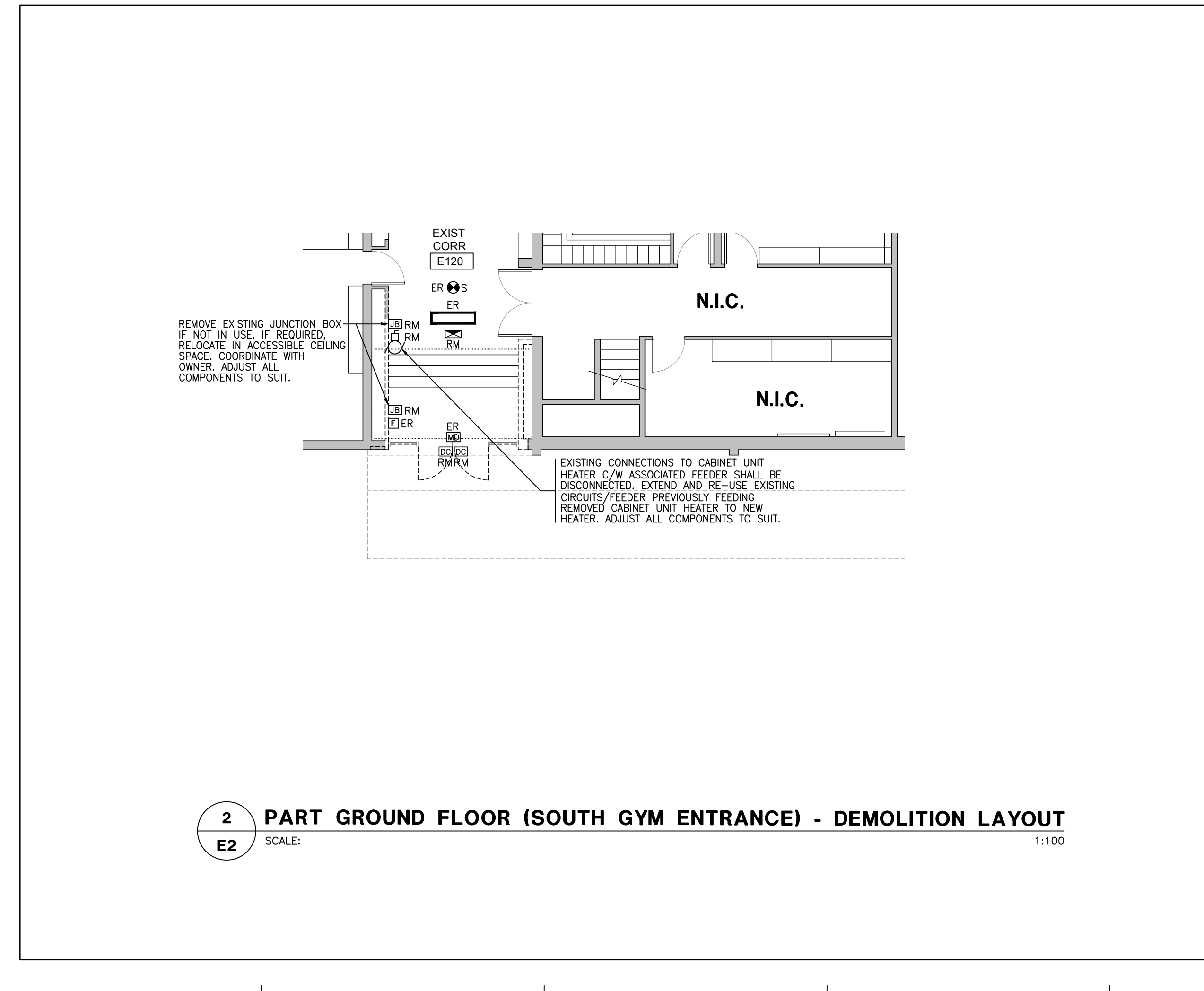
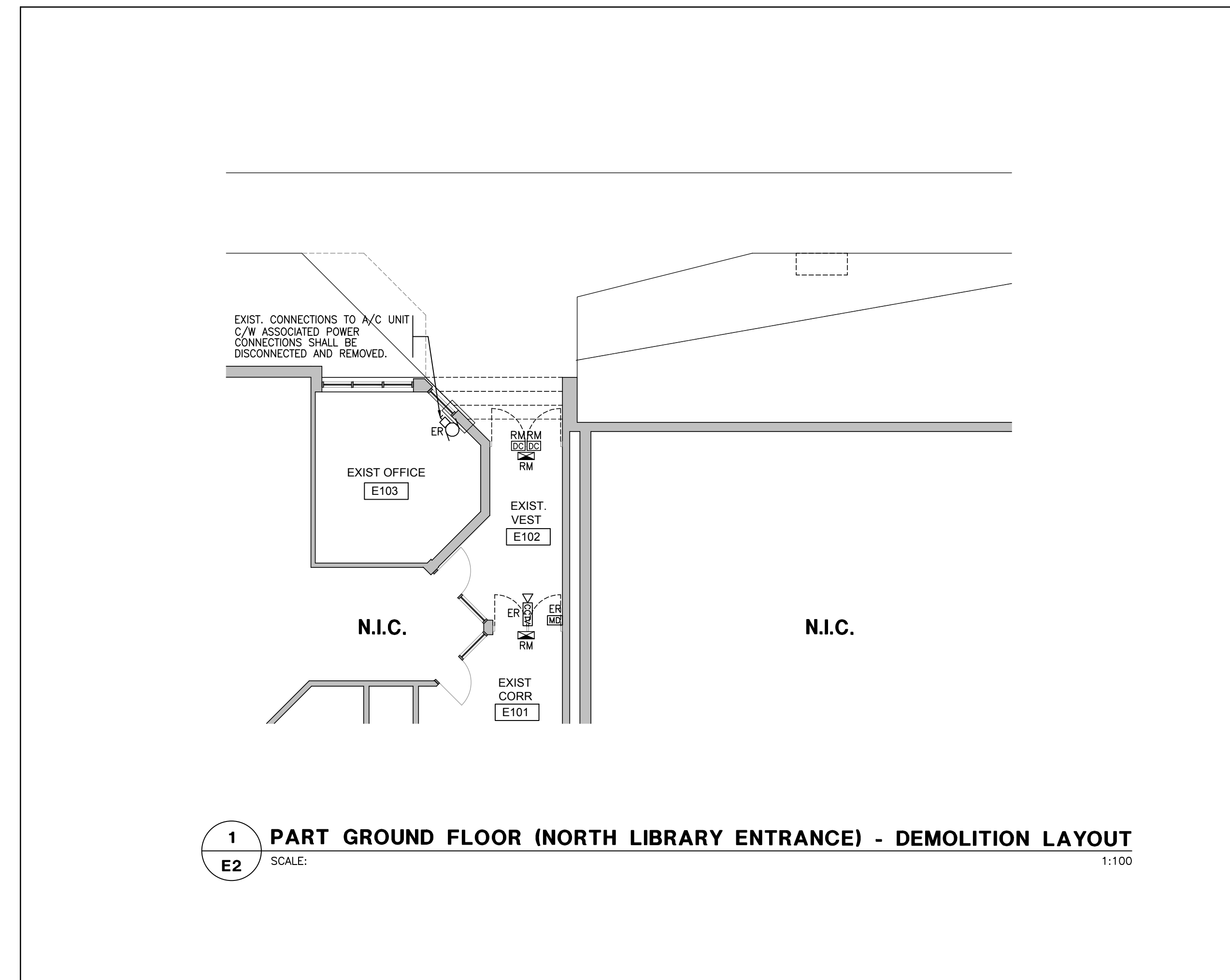
DRAWING TITLE:
ELECTRICAL PART GROUND FLOOR DEMOLITION LAYOUT

SCALE: AS SHOWN

PROJECT NO.	DWG. NO.
1902	E2

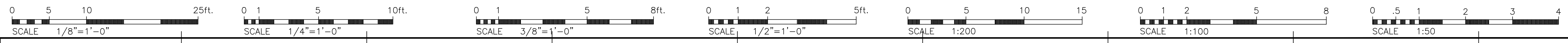


- NOTES: (RE-DEMOLITION LAYOUT)**
- DEMOLITION OF EXISTING MATERIALS AND/OR EQUIPMENT AS SHOWN ON DRAWINGS BY ELECTRICAL DIVISION WORK SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH APPLICABLE PROVINCIAL AND MUNICIPAL BY-LAWS AND REGULATIONS.
 - DISCONNECT AND REMOVE ALL EQUIPMENT DESIGNATED FOR REMOVAL, RECONNECT ALL EQUIPMENT WHERE REQUIRED AND DISCONNECT AND CAP, OR ARRANGE FOR DISCONNECTING AND CAPPING, ALL MAIN SERVICES IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION.
 - ALL MATERIALS AND/OR EQUIPMENT DESIGNATED FOR SALVAGE SHALL BE TURNED OVER TO THE OWNER. ALL OTHER MATERIALS AND/OR EQUIPMENT DESIGNATED FOR REMOVAL BECOMES THE PROPERTY OF THE DEMOLITION CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE. UNDER NO CIRCUMSTANCES SHALL THE MATERIALS AND/OR EQUIPMENT BE SOLD DIRECTLY FROM THE SITE.
 - CONTACT THE OWNER PRIOR TO ANY DEMOLITION WORK. THE OWNER WILL DESIGNATE WHICH EQUIPMENT AND/OR MATERIALS ARE TO BE SALVAGED. DEMOLITION WORK IS TO PROCEED ONLY AFTER OWNER'S APPROVAL HAS BEEN OBTAINED.
 - FOR EXACT LOCATION OF MECHANICAL EQUIPMENT WHICH SHALL BE REMOVED, COORDINATE WITH MECHANICAL DIVISION DWGS.
 - FOR ALL EXISTING EQUIPMENT WHICH SHALL BE REMOVED, ELECTRICAL CONTRACTOR SHALL MAKE WIRING SAFE.
 - FOR EXACT LOCATION OF ALL EXISTING EQUIPMENT COORDINATE ON SITE.
 - MAKE REMAINING WIRING SAFE AND REMOVE ALL REDUNDANT CONDUITS AND WIRES BACK TO PANEL OF ORIGIN. ADJUST ALL EXISTING WIRING TO ACCOMMODATE LAYOUT CHANGES AND TO KEEP OPERATIONAL EXISTING ELECTRICAL EQUIPMENT AND DEVICES.
 - UNLESS OTHERWISE INDICATED, HAND OVER TO OWNER AT A SPECIFIED LOCATION ALL ELECTRICAL ITEMS AND ALL LIGHTING FIXTURES REMOVED UNDER THIS DEMOLITION. COORDINATE WITH OWNER THE DISPOSAL OF ALL REDUNDANT DEVICES AND/OR MATERIALS RESULTED FROM ELECTRICAL DEMOLITION.
 - EXISTING ELECTRICAL EQUIPMENT WHICH BECOMES REDUNDANT SHALL BE COMPLETELY DISCONNECTED AND REMOVED FROM THE SITE.
 - FOR EXISTING EQUIPMENT WHICH SHALL BE RELOCATED ADJUST CONDUITS AND WIRES TO SUIT. EXISTING EQUIPMENT TO REMAIN ARE SHOWN FOR CLARIFICATION ONLY.
 - WHENEVER EXISTING ELECTRICALLY OPERATED EQUIPMENT IS REMOVED FROM ITS PRESENT LOCATION OR RE-INSTALLED ELSEWHERE, REMOVE REDUNDANT EXISTING CONDUITS, BOXES, CABLES, FIXTURES, ETC. AND OPENINGS IN BOXES, RACEWAYS, PANELS, ETC. WHICH MAY RESULT FROM SUCH REMOVAL OF EQUIPMENT, SHALL BE CLOSED IN PROPER MANNER AND ALL CABLES AND WIRES PROPERLY TERMINATED AND INSULATED TO RESTORE THE SYSTEM TO A SAFE AND SOUND CONDITION AND TO THE ARCHITECT'S SATISFACTION.
 - IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR DRAWING THAT EQUIPMENT AND MATERIALS TO BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART, IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION.
 - WHERE THE EXISTING EQUIPMENT IS NOT TO BE ULTIMATELY RELOCATED BUT INTERFERES WITH THE CONSTRUCTION, THE EQUIPMENT SHALL BE TEMPORARILY RELOCATED UNTIL SUCH TIME AS THE NEW WORK IS COMPLETED SERVICES TO TEMPORARILY RELOCATED EQUIPMENT SHALL BE MAINTAINED AT ALL TIMES.
 - WHERE A DEVICE OR EQUIPMENT IS REMOVED, ALL ASSOCIATED SURFACE CONDUITS, PULL BOXES SHALL BE TERMINATED AND ABANDONED IN CEILING SPACE AND SHALL BE MADE SAFE. ALL ASSOCIATED CONDUITS AND OUTLET BOXES/PULL BOXES INSIDE THE REMAINING WALLS SHALL REMAIN AND PROVIDE BLANK COVERS FOR UNUSED BOXES. ALL ASSOCIATED WIRING/DATA CABLES/VOICE CABLES SHALL BE REMOVED FROM SOURCE.
 - ALL REDUNDANT, OBSOLETE WIRING, CONDUIT AND JUNCTION BOXES SHALL BE REMOVED. (COORDINATE WITH CONSULTANT)
 - TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK TO SUIT THE PROJECT PHASE SCHEDULE.
 - ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUIT AND WIRING OF MECHANICAL EQUIPMENT TO BE REMOVED.
 - EXISTING FA SYSTEM MUST BE OPERATIONAL IN ENTIRE BUILDING AT ALL TIMES. EXISTING FIRE ALARM SYSTEM DEVICES SHALL BE KEPT OPERATIONAL DURING THE CONSTRUCTION PHASE UNTIL THE NEW FIRE ALARM SYSTEM IS INSTALLED AND OPERATIONAL. COORDINATE WITH PROJECT PHASE SCHEDULE. REFER TO DRAWINGS E4.ES AND ELECTRICAL SPECIFICATIONS.**
 - EXISTING SECURITY SYSTEM MUST BE OPERATIONAL IN ENTIRE BUILDING AT ALL TIMES. EXISTING SECURITY SYSTEM DEVICES SHALL BE KEPT OPERATIONAL DURING THE CONSTRUCTION PHASE UNTIL THE NEW SECURITY SYSTEM IS INSTALLED AND OPERATIONAL. COORDINATE WITH PROJECT PHASE SCHEDULE. REFER TO DRAWING E5 AND ELECTRICAL SPECIFICATIONS.**



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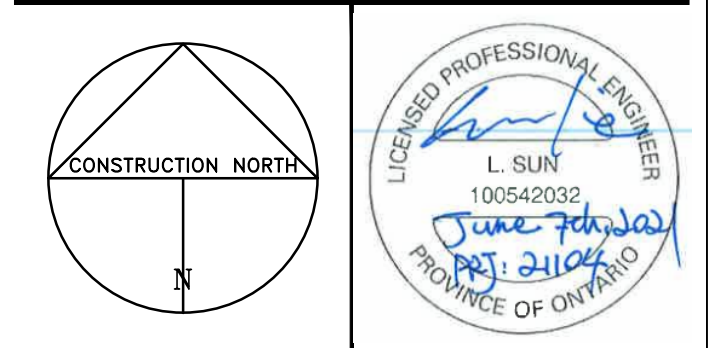
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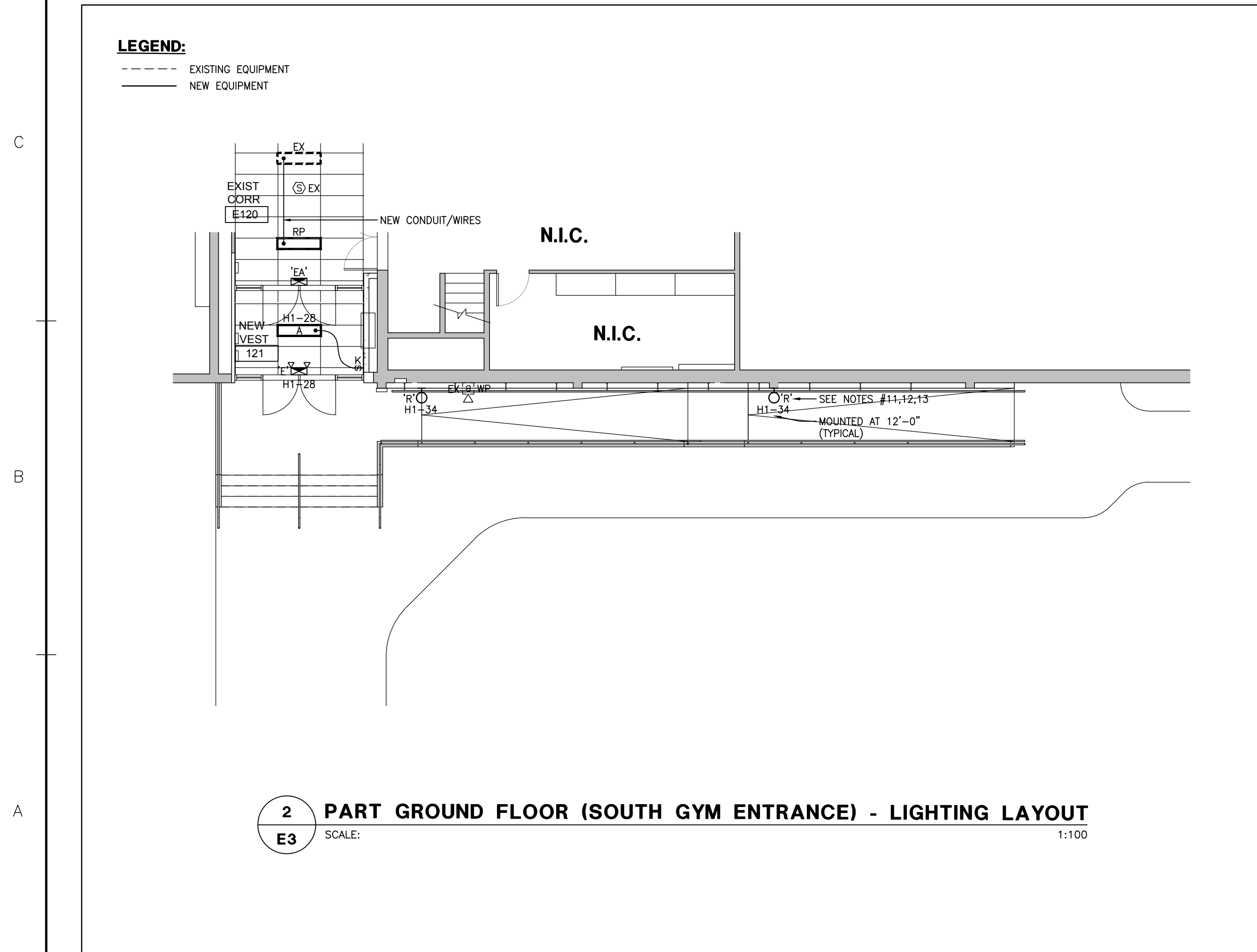
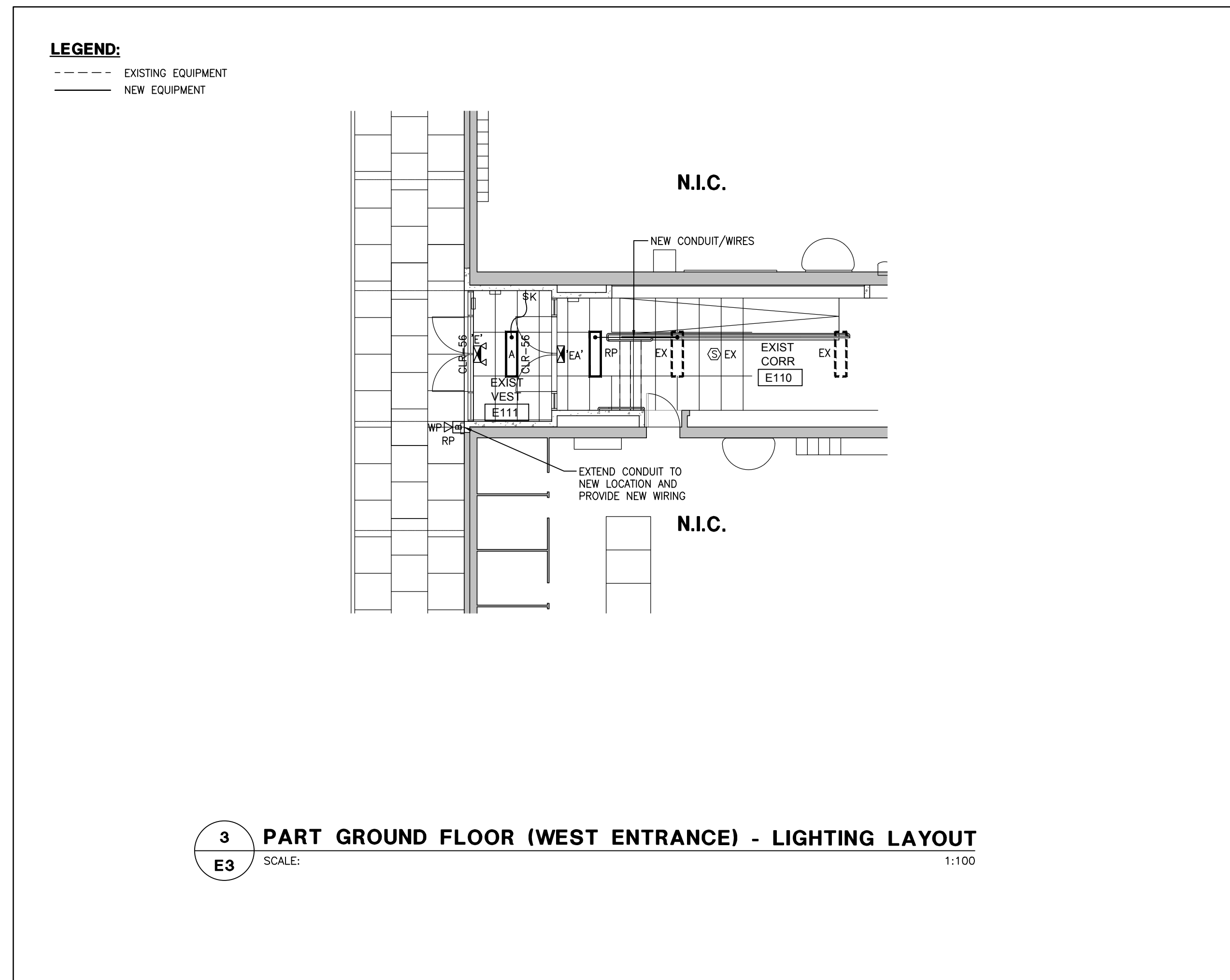
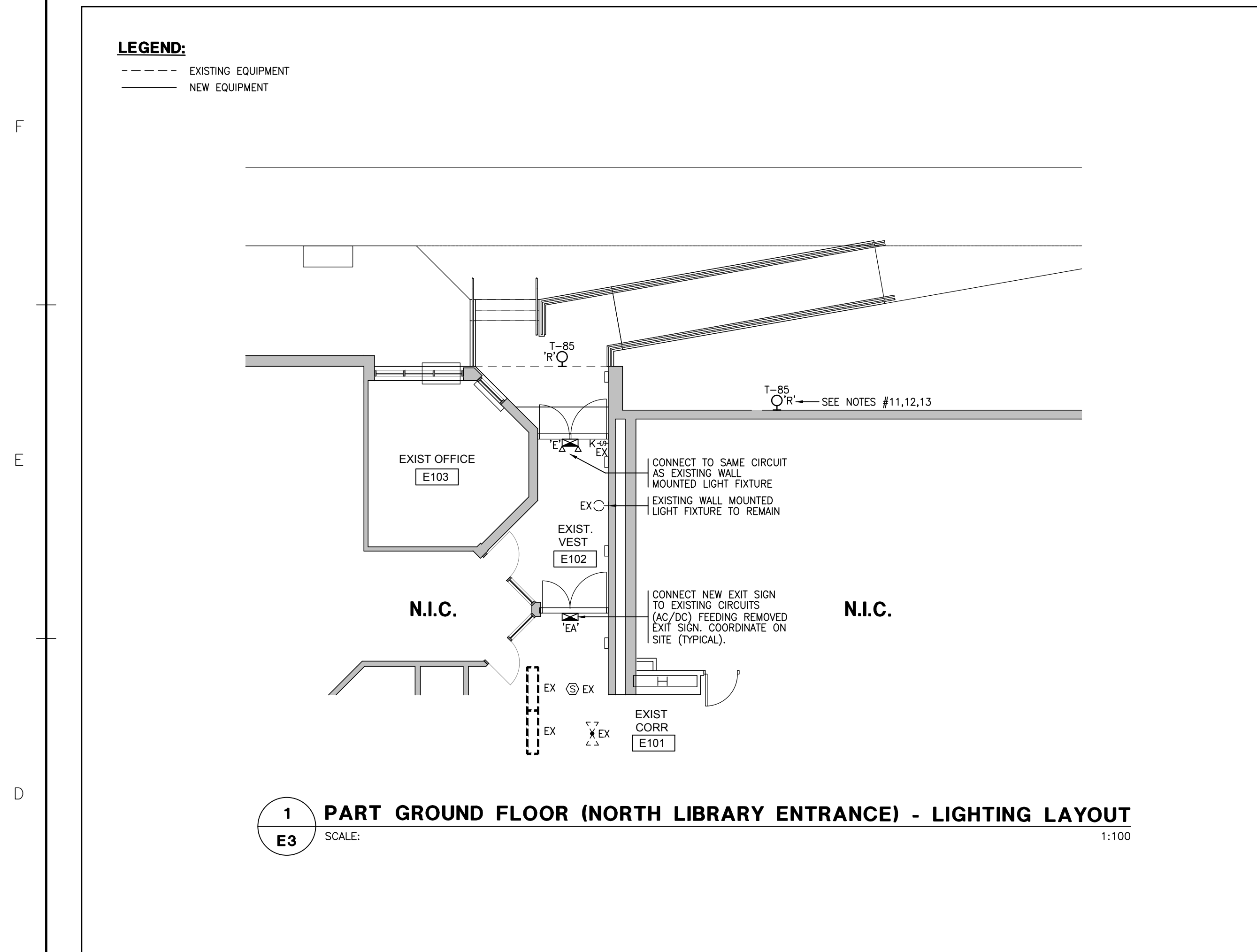
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**PORT CREDIT SECONDARY SCHOOL
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 ALTERATIONS 2021**

70 MINEOLA RD., EAST, MISS., ONT., L5G 2E5

DRAWING TITLE:
**ELECTRICAL
 PART GROUND FLOOR
 LIGHTING LAYOUT**

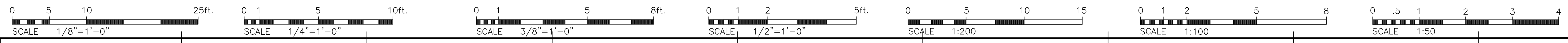
SCALE: AS SHOWN
 PROJECT NO. **1902** DWG. NO. **E3**



NOTES: (RE-LIGHTING LAYOUT)

- IN EXISTING AREAS, WHERE EXISTING WALLS ARE NOT ACCESSIBLE ANY NEW SURFACE ELECTRICAL WIRES SHALL BE IN SHALLOW TYPE RACEWAY. SURFACE MOUNTED CONDUIT IS NOT ACCEPTABLE.
- WIRING FOR EMERGENCY CIRCUITS SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND VOLTAGE DROP SHALL NOT EXCEED 3% & MINIMUM WIRE SIZE SHALL BE #10AWG.
- ELECTRICAL CONTRACTOR SHALL PROVIDE THEIR OWN CERTIFICATE FOR EMERGENCY LIGHTING AND REPORT OF EMERGENCY LIGHTING LEVELS MEASUREMENT BY MANUFACTURERS.
- EXISTING EMERGENCY LIGHTING SYSTEM SHALL BE OPERATIONAL AT ALL TIMES.
- EXISTING LIGHTING LAYOUT SHALL REMAIN UNLESS SHOWN OTHERWISE.
- FOR EXACT LOCATION OF LIGHTING FIXTURES REFER TO ARCHITECTURAL DRAWINGS.
- COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
- EXISTING PANEL NAMES AND THEIR CIRCUIT NUMBERS ARE SHOWN FOR REFERENCE AND INTENT ONLY. EXACT PANEL NAMES AND CIRCUIT NUMBERS SHALL BE VERIFIED BY ELECTRICAL CONTRACTOR ON SITE.
- EXISTING EMERGENCY LIGHTING SYSTEM SHALL BE OPERATIONAL AT ALL TIMES.
- ELECTRICAL CONTRACTOR MUST CONFIRM ON SITE WITH BUILDING INSPECTOR FOR THE CORRECT TYPE OF ALL NEW EXIT LIGHTS (LETTERING OR RUNNING MAN PICTOGRAM TYPE) BEFORE PLACING ORDER AND INSTALLATION.
- PROVIDE 2-2P H.O.A. CONTACTORS TO CONTROL EXTERIOR LIGHTING ON CCT.#T-85 & H1-34 BY EMS SYSTEM (COORDINATE WITH EMS SECTION). LOCATE CONTACTORS ABOVE PANELS.
- CONNECT NEW EXTERIOR LIGHTING TO EXISTING EXTERIOR LIGHTING CONTROL SYSTEM IN THE BUILDING. COORDINATE WITH THE OWNER.
- COORDINATE EXACT LOCATION OF FIXTURE WITH ARCHITECT. EXACT RUN OF FEEDER SHALL BE COORDINATED AND GET APPROVAL FROM ARCHITECT/OWNER ON SITE.
- INCLUDE IN TENDER PRICE SUPPLY AND INSTALLATION OF 3 TYPE 'EA' EXIT SIGN COMPLETE WITH 15000mm OF CONDUIT, WIRING AND CONNECTION TO THE NEAREST EXIT SIGN.





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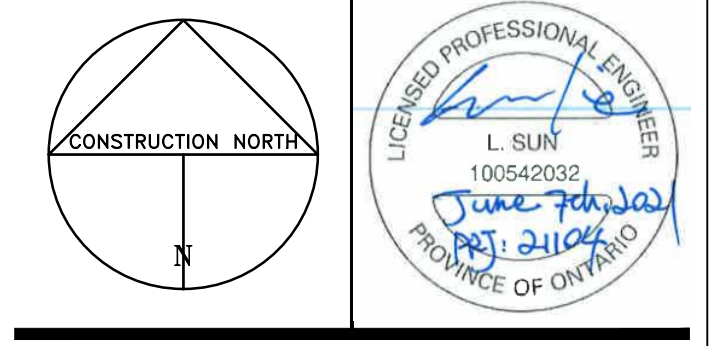
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CHECKED BY: F.Z.

DATE: JUNE 2021

PROJECT TITLE:

**PORT CREDIT SECONDARY SCHOOL
 BARRIER FREE ENTRANCES ALTERATIONS 2021**

70 MINEOLA RD., EAST, MISS., ONT., L5G 2E5

DRAWING TITLE:

ELECTRICAL PANEL SCHEDULES, RISERS AND DETAILS

SCALE: AS SHOWN

PROJECT NO.	DWG. NO.
1902	E5

Revision: 0 21104

LEGEND:

----- EXISTING EQUIPMENT
 _____ NEW EQUIPMENT

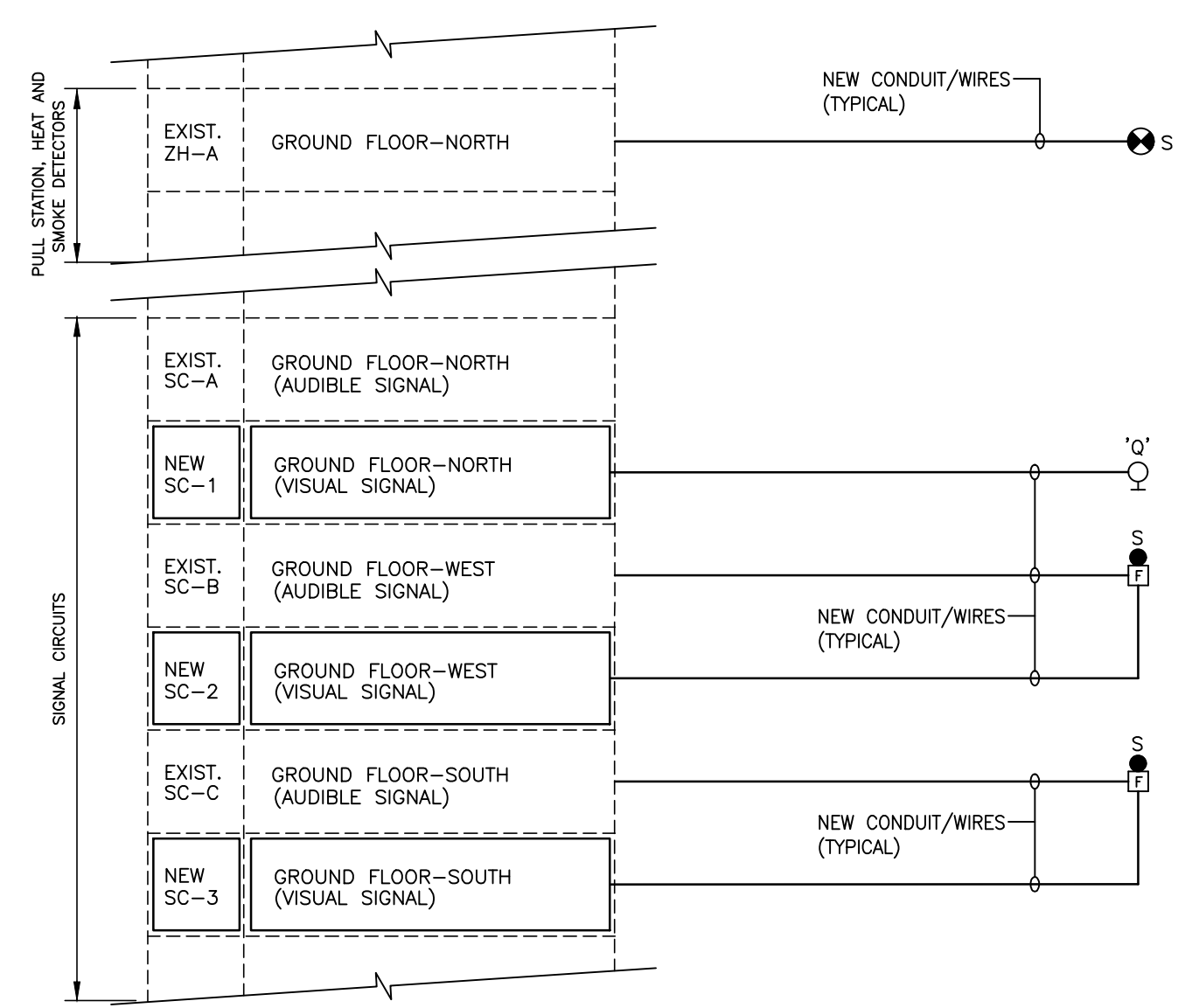
EXISTING LIGHTING PANEL SCHEDULE (PROVIDE NEW BREAKERS IN EXISTING PANELS AS SHOWN. NEW BREAKERS SHALL MATCH EXISTING. ADJUST ALL COMPONENTS TO SUIT)

LIGHTING PANEL	LOCATION	NO. 15A-1P BREAKERS AND THEIR CIRCUITS	NO. 20A-1P BREAKERS AND THEIR CIRCUITS	NO. OF OTHER BREAKERS AND THEIR CIRCUITS	NO. 15A-1P SPARE BREAKERS AND THEIR CIRCUITS	NO. 20A-1P SPARE BREAKERS AND THEIR CIRCUITS	REMARKS
LP-T	EXISTING GRD FLOOR CUSTODIAN ROOM	1 (CCT.#83)	1 (CCT.#85)	-----	-----	-----	EXISTING SQUARE 'D' 225A-4CCT'S, 120/208V, 3ø, 4W SURFACE MOUNTED PANEL
LP-CLR	EXISTING GRD FLOOR CUSTODIAN ROOM	2 (CCT'S.#56;58)	1 (CCT.#60)	-----	-----	-----	EXISTING SQUARE 'D' 225A-4CCT'S, 120/208V, 3ø, 4W SURFACE MOUNTED PANEL
LP-H1	EXISTING GRD FLOOR CUSTODIAN ROOM	2 (CCT'S.#28;30)	2 (CCT.#32;34)	-----	-----	-----	EXISTING SQUARE 'D' 225A-4CCT'S, 120/208V, 3ø, 4W SURFACE MOUNTED PANEL

1 PANEL SCHEDULE
 SCALE: N.T.S.

LEGEND:

----- EXISTING EQUIPMENT
 _____ NEW EQUIPMENT

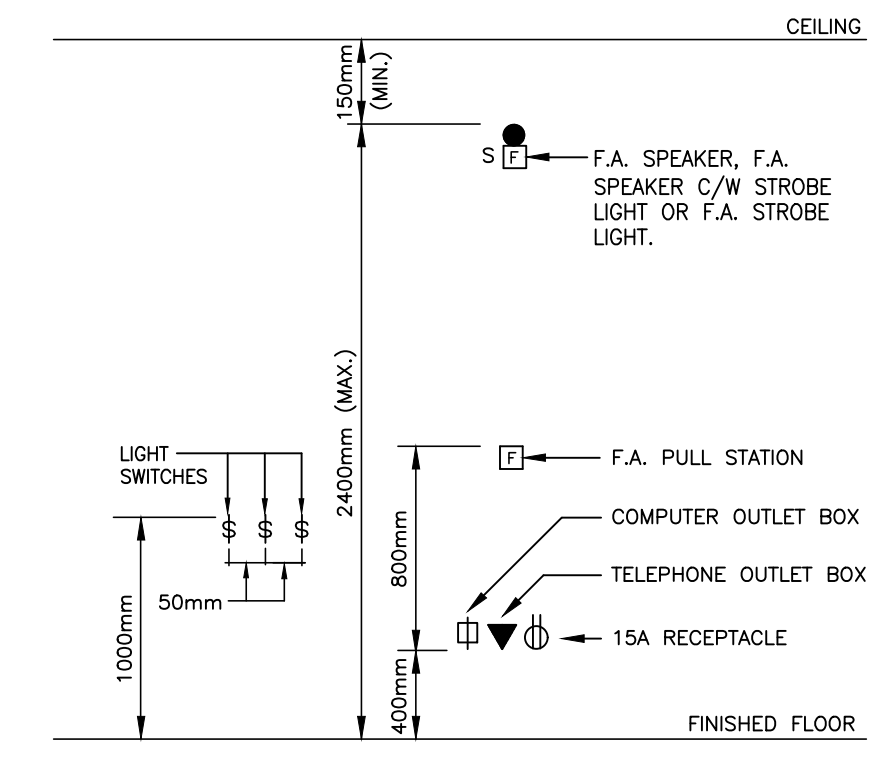


NOTES :

- EXISTING F.A. PASSIVE GRAPHIC TO REMAIN.
- EXISTING FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUNCIATOR SHALL BE MODIFIED/EXTENDED TO SUIT EXISTING AND ADDITION OF NEW ZONES.
- OBTAIN APPROVED FINAL ROOM NAMES AND NUMBERS AND ARCHITECTURAL DRAWINGS BEFORE ANY PROGRAMMING OF FIRE ALARM CONTROL PANEL OR ORDERING PASSIVE GRAPHICS AND MODIFY FIRE ALARM ANNUNCIATOR TO SUIT.
- ALL WIRING SHALL BE RUN IN CONDUIT AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- AFTER COMPLETION OF F.A. SYSTEM, PROVIDE F.A. SYSTEM VERIFICATION BY F.A. SYSTEM MANUFACTURER/INSTALLER (PART OF THIS CONTRACT).
- INCLUDE IN THE TENDER PRICE FOR THE SUPPLY, INSTALLATION AND VERIFICATION OF ADDITIONAL 1 FIRE ALARM SMOKE DETECTOR C/W 15,000mm OF CONDUIT/WIRING AND CONNECTION TO THE NEAREST SMOKE DETECTOR.
- FIRE ALARM ZONE NUMBERS AND SIGNAL CIRCUIT NUMBERS ARE SHOWN FOR REFERENCE AND INTENT ONLY. EXACT ZONE NUMBERS SHALL BE VERIFIED BY ELECTRICAL CONTRACTOR ON SITE. FIRE ALARM ZONE NUMBER SHALL BE IN CONTINUOUS TO EXISTING ZONE (ZONE NUMBERS MUST BE IN SEQUENCE).
- FOR EXACT QUANTITY OF FIRE ALARM DEVICES, REFER TO FLOOR PLANS. INCLUDE AS PART OF THIS CONTRACT ALL FIRE ALARM DEVICES THAT HAVE BEEN RELOCATED/RE-WIRED/REWORKED AS PART OF THE FIRE ALARM REPORT/VERIFICATION. PROVIDE FIRE ALARM DEVICES VERIFICATION AND REPORT TO ALL DEVICES ALTERED IN THE EXISTING SCHOOL AND NEW IN THE ADDITIONAL.
- ALL EXISTING CONNECTION TO EXISTING F.A. SYSTEM NOT AFFECTED BY THIS RENOVATION SHALL REMAIN. COORDINATE ON SITE.
- PROVIDE NEW CONDUIT COMPLETE WITH NEW WIRING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.
- EXISTING F.A. SYSTEM IN EXISTING SCHOOL SHALL BE OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
- PROVIDE NECESSARY ADDITIONAL MODULES, RELAYS, POWER SUPPLY, AMPLIFIERS ETC. TO ACCOMMODATE FIRE ALARM STROBE LIGHTS CIRCUITS. ANY ADDITIONAL EXTRA WILL NOT BE ACCEPTED IF THIS IS NOT REVIEWED PROPERLY.
- PROVIDE NECESSARY ADDITIONAL ANNUNCIATOR STRIP TO ACCOMMODATE ADDITIONAL ZONES ANNUNCIATION
- ALL NEW DEVICES SHALL MATCH EXISTING (QUANTITY OF DEVICES SHALL BE AS PER DWG).
- FOR MORE INFORMATION REFER TO ELECTRICAL SPECIFICATION.

2 PART EXISTING FIRE ALARM SYSTEM RISER DIAGRAM
 MAIN F.A. CONTROL PANEL (NOTIFIER) LOCATED IN EXISTING MAIN ELECTRICAL ROOM AS SHOWN ON E1 DWG.

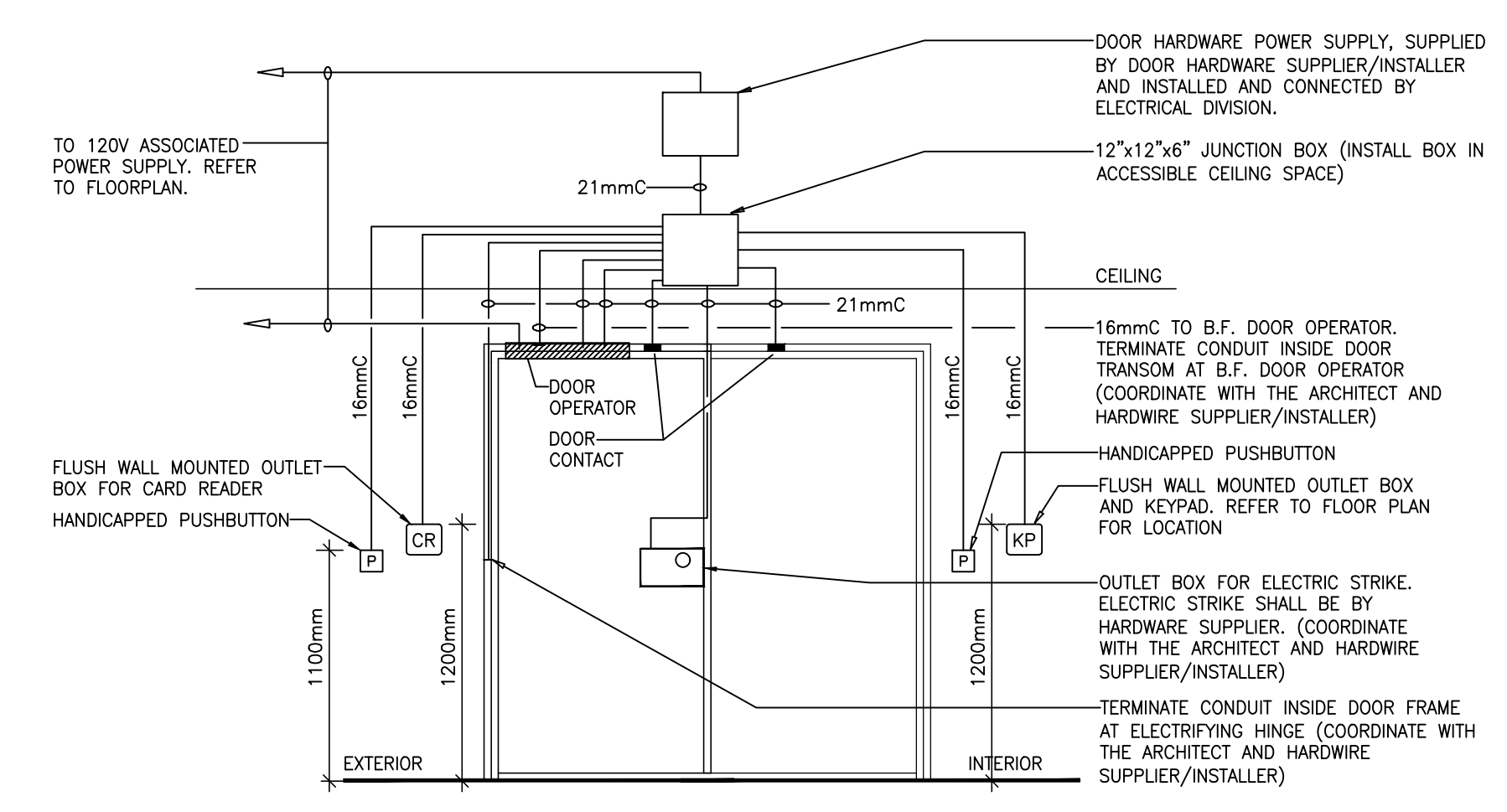
3 TYPICAL INSTALLATION OF ELECTRICAL DEVICES
 SCALE: N.T.S.



NOTES :

- IF THERE ARE MORE THAN ONE WIRING DEVICE AT THE SAME LOCATION, THEY SHALL BE MOUNTED VERTICALLY AS SHOWN.
- ELECTRICAL CONTRACTOR SHALL INCLUDE IN CONTRACT COST FOR THE DRILLING IN HORIZONTAL LINEITS TO ACCOMMODATE VERTICAL RUN OF CONDUITS FROM WALL MOUNTED OUTLET BOX TO THE CEILING SPACE. FOR EXACT LOC. COORDINATE WITH ARCH/STRUCT. DWGS.

4 DOUBLE DOOR ELECTRICAL STRIKE AND DOOR OPERATOR SCHEMATIC DIAGRAM
 SCALE: N.T.S.



NOTES :

- ALL EMPTY CONDUIT(S) SHALL COMPLETE WITH PULL STRING(S).
- FOR MORE INFORMATION, REFER TO ELECTRICAL SPECIFICATIONS & DRAWINGS.
- ALL LOW VOLTAGE WIRING SHALL BE MINIMUM 8#18AWG, SUPPLIED AND INSTALLED BY ELECTRICAL DIVISION. COORDINATE ALL WORK WITH DOOR HARDWARE INSTALLER ON SITE.

