

GENERAL NOTES

- CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
- THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
- THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITIONS IN THE DRAWINGS. THE CONTRACTOR SHALL REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS, FITS, CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS AND GOOD CONSTRUCTION PRACTICES.
- THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
- CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.
- EXISTING LINTELS AT CULINARY DOORS TO BE PAINTED WITH INTUMESCENT PAINT FOR NEW FRM, REFER TO ARCH DRAWINGS.

SUBMITTALS

- SUBMIT FOR REVIEW BY THE CONSULTANT, DETAILED SHOP DRAWINGS FOR ALL STRUCTURAL WORK INCLUDING, BUT NOT LIMITED TO: STRUCTURAL STEEL, AND TEMPORARY SHORING.
- THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN 1/4"=1'-0" (1:50).
- THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS.
- EACH DRAWING SUBMITTED FOR STRUCTURAL STEEL AND TEMPORARY SHORING SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
- CONTRACTOR SHALL ALLOW FOR A 5 WORKING DAY TURN AROUND TIME FOR STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

STRUCTURAL STEEL NOTES

- ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16.
- ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORM SECTIONS ASTM A575 GRADE 350W, UNLESS OTHERWISE NOTED. ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CAN/CSA S8.10.
- ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W58. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE WITH CAN/CSA W47.1.
- DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED.
- PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS:
- ON MASONRY - 6"
- ON STEEL - 4"
- THE BASE PLATE AND BEARING PLATE GROUPT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE.
- ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

CONCRETE NOTES

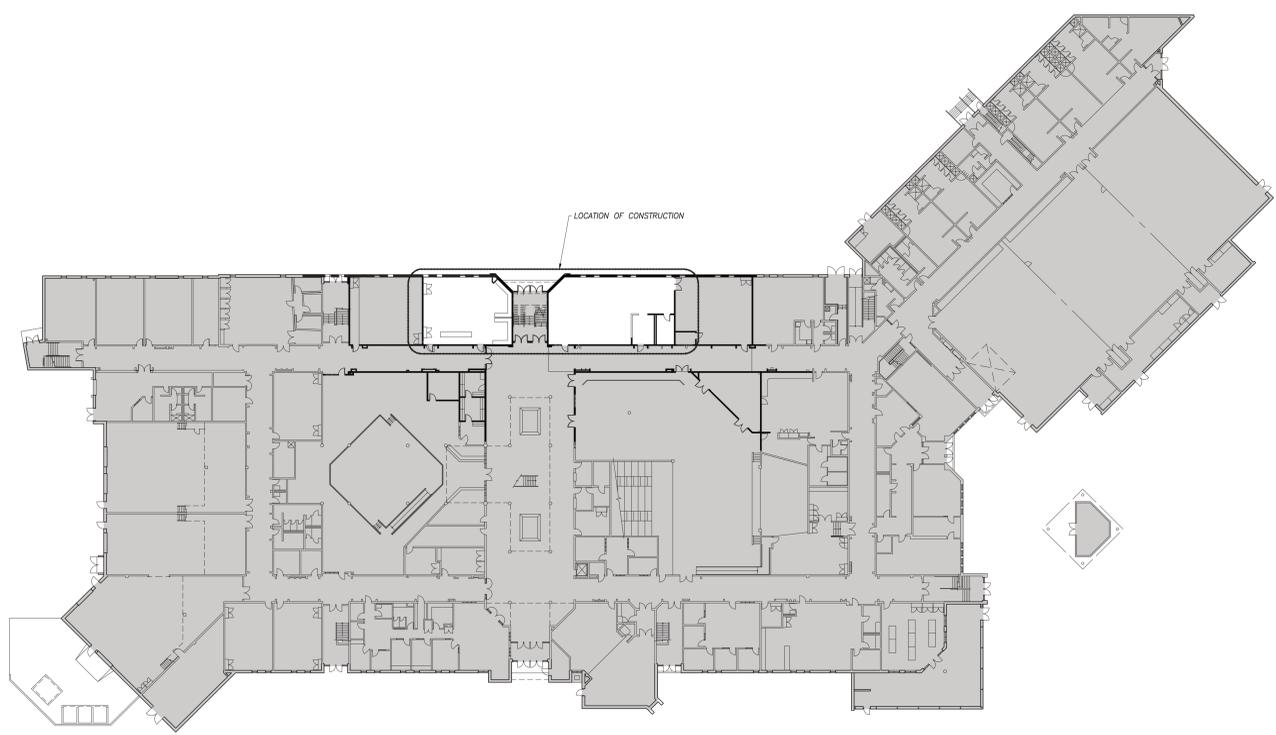
- ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.1.
- MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:
- FOOTINGS - 25 MPa TYPE N
- FOUNDATION WALLS - 25 MPa TYPE F2
- COLUMNS AND PIERS - 35 MPa TYPE C1
- RAMP SLAB - 32 MPa TYPE C2
- THE DEFORMED REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.1M-09 GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING, UNLESS OTHERWISE NOTED. THE REINFORCING LAP LENGTH SHALL BE "CLASS B" IN SPLICES. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1.
- WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA C30.5. ALL MESH SHALL BE CHARGED PRIOR TO THE CONCRETE POUR. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT BE PERMITTED. ALL SPLICES SHALL BE A MINIMUM OF TWO CROSSWIRE SPACINGS PLUS 2".
- THE REINFORCING COVER FOR CONCRETE SHALL BE:
- 3" FOR CONCRETE AGAINST EARTH
- 1/2" FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER
- 2" FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER
- 1" FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1.
- FOOTINGS SHALL BEAR ON NATIVE UNDISTURBED SOIL WITH A MINIMUM BEARING RESISTANCE OF:
- 3000 psf (SL5)
- 4000 psf (SL3)
THE CONTRACTOR SHALL VERIFY THE CAPACITY PRIOR TO PLACEMENT OF CONCRETE.
- THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATION OR STEP DOWN FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. STEP HEIGHT SHALL NOT EXCEED 2'-0".
- KEEP EXCAVATIONS DRY BEFORE CONCRETE IS PLACED. REMOVE ALL LOOSE MATERIAL, SOFT SOIL OR WATER PRIOR TO PLACING CONCRETE. PROVIDE A 3" MUD MAT FOR ALL FOOTINGS BELOW THE WATER TABLE.
- ALL FOOTINGS SHALL BE CENTRED ON THE WALL UNLESS OTHERWISE NOTED.
- THE FOOTING DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. THE FOOTING DESIGN MAY BE ALTERED DURING CONSTRUCTION, IF THE SITE CONDITIONS WARRANT, BUT ONLY WITH THE EXPRESS PERMISSION OF THE ENGINEER.
- SLAB-ON-GRADE CONSTRUCTION SHALL BE CAPABLE OF SUPPORTING 500 lbs/ft² WITHOUT RELATIVE SETTLEMENT.
- PROVIDE DOWELS TO WALLS AND COLUMNS TO SUIT THE REINFORCING IN THE WALL OR COLUMN ABOVE.
- ALL ADHESIVE ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE HILTI HIT-HY200 (OR APPROVED EQUAL) PROCEDURES.

LOADING SUMMARY

DESIGN STANDARDS
- ONTARIO BUILDING CODE, 2024, PART 4: STRUCTURAL DESIGN
- CAN/CSA-A23.3-14, DESIGN OF CONCRETE STRUCTURES
- CAN/CSA-A23.1-16, DESIGN OF PRECAST CONCRETE STRUCTURES
- CAN/CSA-S304.1-14, MASONRY DESIGN FOR BUILDINGS
- CAN/CSA-S16-19, LIMIT STATES DESIGN OF STEEL STRUCTURES

SNOW, ICE AND RAIN LOADS
APPLIED PER CODE, PART 4, SECTION 4.1.6
- IMPORTANCE FACTOR, *I_s* 0.9 (SLS) 1.15 (ULS)
- GROUND SNOW LOAD, *S_g* 1.4 kPa (29.24 PSF)
- ASSOCIATED RAIN LOAD, *S_r* 0.4 kPa (8.4 PSF)
- WIND EXPOSURE FACTOR, *C_w* 1.0
- ROOF SNOW LOAD, *S_s* 1.78 kPa (36.5 PSF)
- DRIFT LOADS PER CLAUSE 4.1.6.2.8
- SLOPE FACTORS PER CLAUSE 4.1.6.2.5 (i) TO (7)

ROOF LOADS
DEAD LOAD: 1.35 kPa
SNOW LOAD: 1.75 kPa + SPU



KEY PLAN
SCALE: NTS



2	ISSUED FOR TENDER	2024/02/19
1	ISSUED FOR PERMIT	2024/02/20
NO.	DESCRIPTION	DATE

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NOTRE DATE CSS - COSMETOLOGY & CULINARY ARTS INTERIOR RENOVATION
2333 HEADON FOREST DR. BURLINGTON, ON L7R 3X6

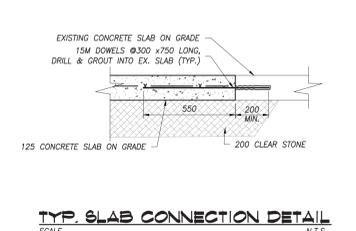
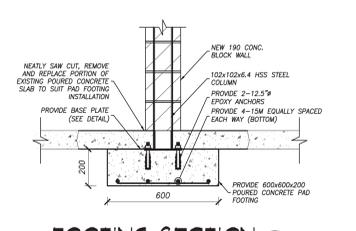
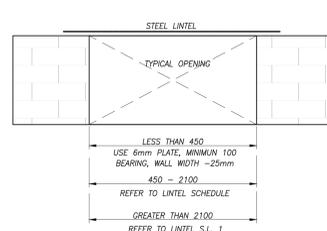


GENERAL NOTES + TYPICAL DETAILS



SCALE: AS NOTED	PROJECT: 25199
DATE: FEB 2026	DRAWING: FS
DRAWN: FS	CHECKED: JPC
CHECKED: JPC	FILE: S01
PRINT DATE: DEC 23, 2025	

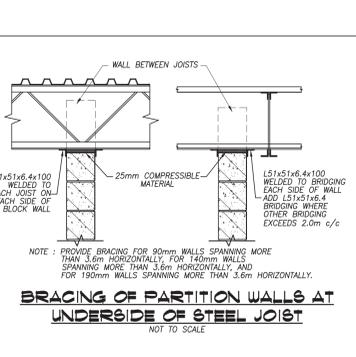
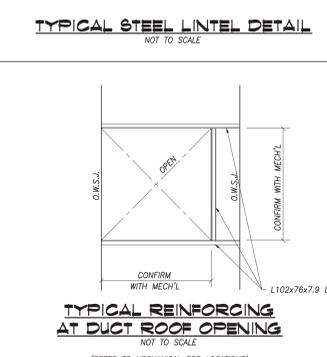
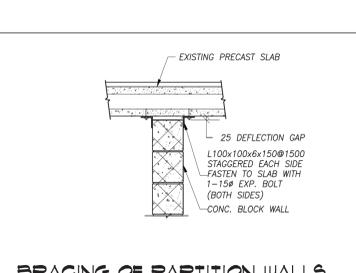
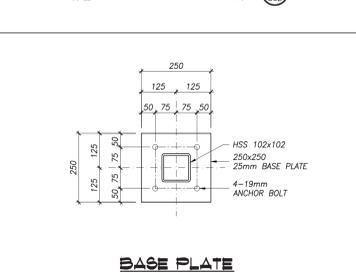
NOTE: STRUCTURAL INFORMATION WAS REFERENCED FROM EXISTING DRAWINGS PREPARED BY MICHAEL TORISNEY ARCHITECTS INC., DATED OCT 29 1988.

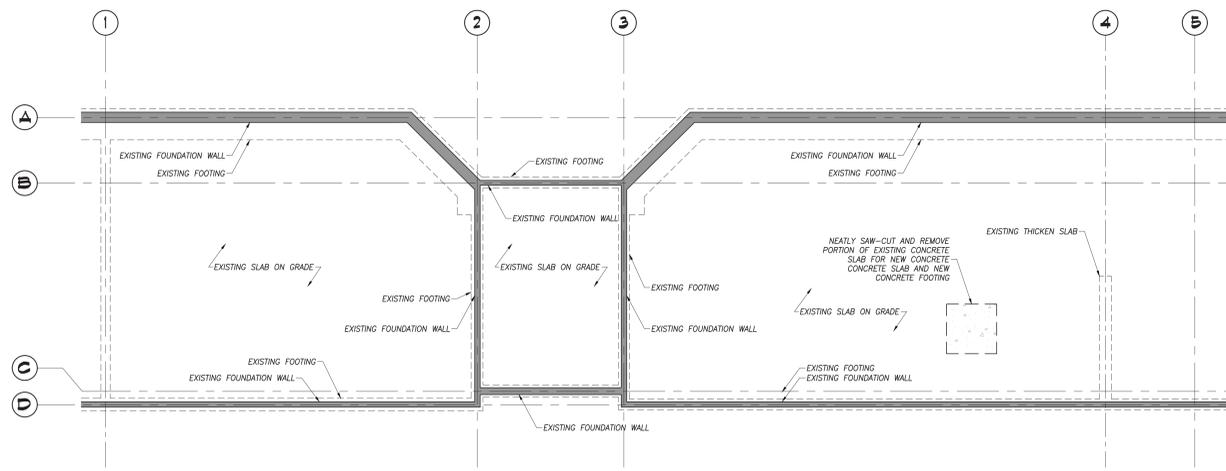


CLEAR SPAN	140 WALL	190 WALL
UP TO 1200	2x 75x65x8	2x 90x90x8
1200 TO 1800	2x 90x65x8	2x 125x90x8
1800 TO 2100	2x 90x65x10	2x 150x90x8

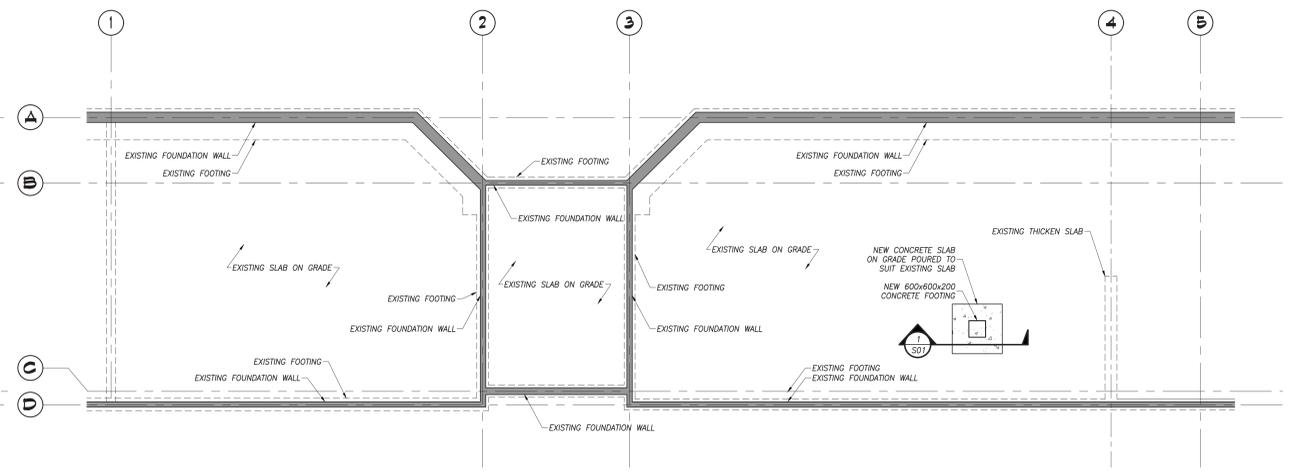
CLEAR SPAN	240 WALL	290 WALL
UP TO 1200	2x 100x100x8	3x 90x90x8
1200 TO 1800	2x 150x100x8	3x 125x90x8
1800 TO 2100	2x 150x100x8	3x 150x90x8

PROVIDE LOOSE LINTELS FOR BRICK VENEER AS REQUIRED FOR LINTELS IN 90 VENEER, USE 1 ANGLE OF THAT NOTED FOR 190 WALL ON SIMILAR SPAN.
DOUBLE ANGLES TO BE STITCH WELDED BACK TO BACK. LINTELS TO HAVE A BOLTED CONNECTION TO COLUMNS. LINTELS LARGER THAN 2100 TO HAVE BEARING PLATE TYPE A TERMINATE LINTEL PLATES 10mm SHY OF OPENING.

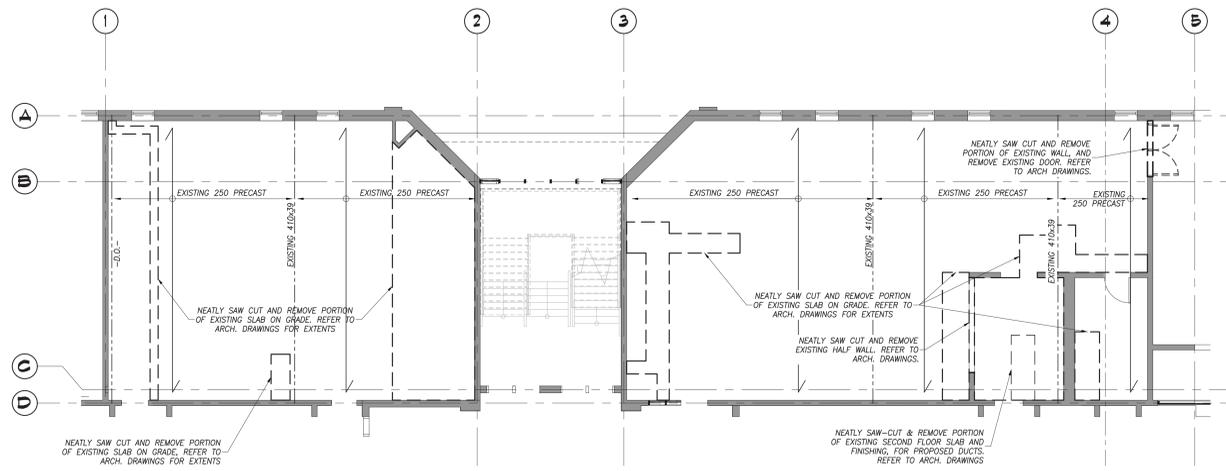




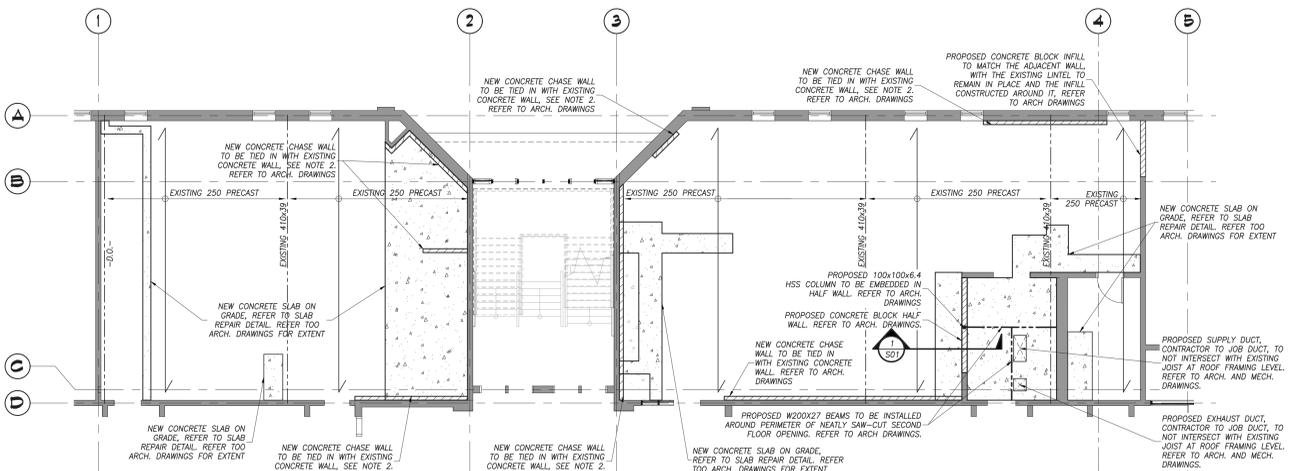
PARTIAL FOUNDATION PLAN - DEMOLITION
SCALE 1:100



PARTIAL FOUNDATION PLAN - PROPOSED
SCALE 1:100

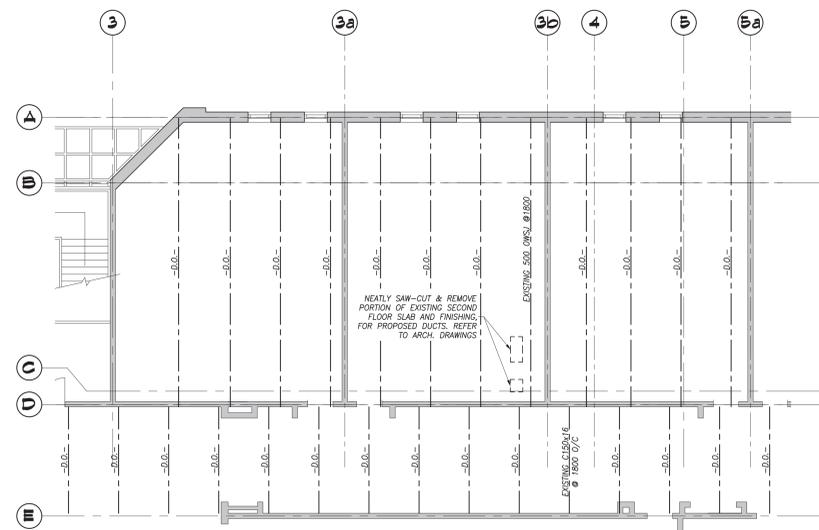


PARTIAL SECOND FLOOR FRAMING PLAN - DEMOLITION
SCALE 1:100

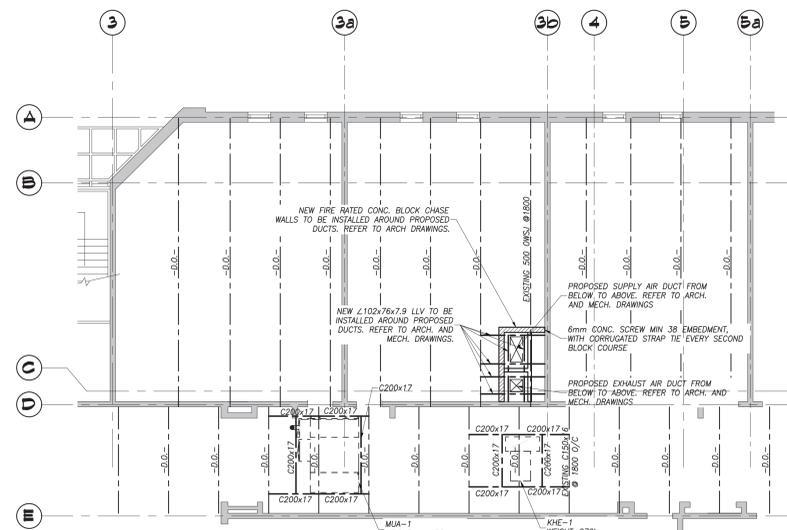


PARTIAL SECOND FLOOR FRAMING PLAN - PROPOSED
SCALE 1:100

- NOTE:
- EXISTING LINTELS AT CULINARY DOORS TO BE PAINTED WITH INTUMESCENT PAINT FOR NEW FIRE. REFER TO ARCH. DRAWINGS.
 - 6mm CONC. SCREW MIN 38 EMBEDMENT, WITH CORRUGATED STRAP TIE EVERY SECOND BLOCK COURSE.



PARTIAL ROOF FLOOR FRAMING PLAN - DEMOLITION
SCALE 1:100



PARTIAL ROOF FLOOR FRAMING PLAN - PROPOSED
SCALE 1:100



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PROJECT #24021
300 YORK BOULEVARD
L4R 3M9

NOTRE DAME CSS -
COSMETOLOGY &
CULINARY ARTS
INTERIOR RENOVATION

2333 HEADON FOREST DR.
BURLINGTON, ON L7M 3X6



GENERAL NOTES +
TYPICAL DETAILS



2145 DUNDAS STREET
MISSISSAUGA, ONTARIO L5L 3G8
TEL: (905) 876-5544 Fax: (905) 877-5246

SCALE	PROJECT
AS NOTED	25199
DATE FEB 2026	DRAWING
DRAWN FS	
CHECKED JPC	S02
PRINT DATE	DEC 23, 2025
FILE	

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