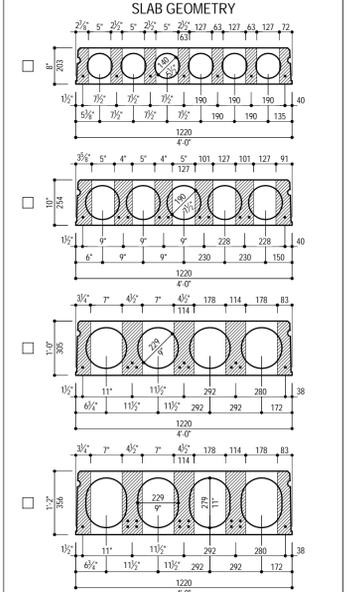


ITEM	SCOPE	
	SUPPLIED	INSTALLED
HOLLOWCORE SOLID SLABS	U	U
BALCONIES	N/A	
LANDINGS	U	U
STAIRS	U	U
TIE STEEL	U	U
POINTING AND CAULKING	U	U
BEARING PADS	U	U
GROUTING	U	U
PLUMBING OPENINGS	U	U
SLAB FINISH (ON SITE)	U	U
HARDWARE	U	U



**PENETRATIONS:**  
 OPENINGS 6" (152mm) AND LARGER MUST BE SHOWN ON PLAN. OPENINGS SHOWN ON PLAN ARE ROUGH OPENING SIZES. OPENINGS 5" (127mm) AND SMALLER NEED NOT BE SHOWN ON PLAN PROVIDED THEY DO NOT OCCUR WITHIN THE SHADED PORTIONS (SEE ABOVE). SLAB GEOMETRY (ABOVE) MUST BE REFERENCED TO CO-ORDINATE LOCATIONS AND SPACING OF OPENINGS TO AVOID SEVERING STRAND. APPROVAL MUST BE OBTAINED FROM CORESLAB ENGINEER WHEN:  
 - MORE THAN TWO (2) OPENINGS OCCUR ACROSS SLAB AT ONE LOCATION  
 - OPENINGS ARE LARGER THAN (127mm)  
 - WEBS/STRANDS MUST BE CUT TO ACCOMMODATE OPENINGS  
 - OPENINGS AND ADDITIONAL FORCES FROM ABOVE (E.G. MASONRY PARTITION) OCCUR WITHIN THE FIRST 1/5 OF SLAB LENGTH MEASURED FROM BEARING ENDS

- GENERAL NOTES**
1. CONCRETE STRENGTH = 4000 PSI (28 MPa) MIN. @ TRANSFER
  2. CONCRETE STRENGTH = 6000 PSI (41 MPa) MIN. @ 28 DAYS
  3. FIRE RATING = 2 HOUR, (CBC 2012 - SB-2 CLAUSE 2.2.1) (U/N)
  4. WEIGHT = (8" @ 62 PSF) (10" @ 74 PSF) (12" @ 86 PSF) (14" @ 95 PSF)
  5. DO NOT SCALE SHOP DRAWINGS.
  6. CONTRACTOR TO VERIFY ALL DIMENSIONS AND DETAILS.
  7. SUPPLEMENTAL SUPPORT MUST BE PROVIDED (NOT BY CORESLAB) AT LOCATIONS WHERE SLABS MUST BE TRIMMED AROUND COLUMNS, MOMENT CONNECTIONS, BRACING CONNECTIONS & OTHER SUCH INTERFERENCES THAT COMPROMISE SLAB BEARING (TYPICAL)
  8. GROUTING OF PRECAST SLAB GROUT KEYS ONLY. (U/N)
  9. POINTING OF EXPOSED SLABS ONLY.
  10. CAULKING OF EXPOSED LONGITUDINAL JOINTS ONLY. (U/N)
  11. PRECAST BALCONY SLAB JOINTS ARE NOT FEATHERED.
  12. PRECAST BALCONIES WILL RECEIVE STANDARD BROOK FINISH FOR TOP (U/N)
  13. ALL DRYPACKING AND SOLID TOP COURSES BY OTHERS.
  14. DIMENSION TOLERANCES AS PER CLAUSE 12 OF A23.4
  15. FORMATION OF ICE INSIDE CORES DUE TO WATER INFILTRATION MAY CAUSE DAMAGE TO SLABS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR KEEPING THE CORES OF SLABS FREE OF WATER & ICE AT ALL TIMES.
  16. MANUFACTURED FINISH:  SEMI  RAKED

**SLAB IDENTIFICATION & REINFORCEMENT**  
 THE FIRST NUMERAL OF A SLAB MARK NUMBER REPRESENTS THE QUANTITY OF 1/2"Ø STRAND IN THE BOTTOM OF THE SLAB (E.G. -401 = SIX STRAND @ 1003 = TEN STRAND). THE REMAINING DIGITS ARE FOR IDENTIFICATION AND ARE NUMBERED SEQUENTIALLY. WHEN THE FIRST NUMERAL IS PRECEDED WITH A LETTER, THAT INDICATES THE SLAB WILL HAVE 1/2"Ø TOP STRAND FOR THE FOLLOWING PURPOSES:  
 'C' = FOR CAMBER 'H' = 1 FOR HANDLING  
 'T' = 2 FOR CANTILEVER 'TT' = 3 FOR CANTILEVER

**Salas O'Brien**  
 REVIEWED  REVISIT AND RESUBMIT  REVIEWED AS MODIFIED  
 Corrections or comments made on the shop drawings during this review do not relieve the Contractor from compliance with requirements of the drawings and specifications. This check is only for review of the general compliance with the design concept of the project and the general compliance with the information given in the contract documents. The Contractor is responsible for confirming and coordinating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating all work in a safe and satisfactory manner.  
 Date: Sep 12, 2024 Signed: CG  
 Impression Engineering, a company of Salas O'Brien

**THE USE OF FORKLIFTS ON THE PRECAST DECK(S) DURING CONSTRUCTION IS PROHIBITED BY CORESLAB STRUCTURES**

**TEMPORARY SHORING AND BRACING**  
 THE DESIGNING, SUPPLY & INSTALLATION OF TEMPORARY SHORING AND/OR BRACING TO PREVENT DEFORMATION OF BEAMS, COLUMNS AND OTHER (NON-CORESLAB) STRUCTURAL COMPONENTS OR TO PROVIDE TEMPORARY SLAB SUPPORT DURING THE INSTALLATION OF PRECAST SLABS WILL NOT BE THE RESPONSIBILITY OF CORESLAB STRUCTURES (ONT.) INC.

**ISSUED 2024.09.11**

ALL penetrations that require rough opening sizes of 150mm (6") and larger must be indicated on these shop drawings. Verify / Provide Size & Locations. Coreslab has anticipated that 1 (one) web/strand will be severed in slabs where toilets occur.

**ISSUED FOR REVIEW**

**RITESTART LIMITED**  
 SHOP DRAWING / SUBMITTAL REVIEW  
 This review is for general conformance with the contract, plans and specifications only. Review is subject to Subcontractor or Supplier performance within the confines of the contract documents. Review stamp does not relieve the subcontractor or supplier of contract responsibility for any deviation from the contract requirements.  
 REVIEWED  REVISIT AND RESUBMIT  REVIEW AS NOTED  REJECTED  FOR RECORD ONLY  NOT REQUIRED  
 Reviewed By: Mark Tumbone  
 Review Date: September 11, 2024  
 Submittal No: 2423-03-41-00-1

Verify all connection details and bearing conditions

**STANDARD CONCRETE TOPPING**  
 CONTRACTOR & ENGINEER NOTE!  
 THE CONCRETE TOPPING HAS BEEN CONSIDERED AS DEAD LOAD IN THE DESIGN OF THE PRECAST SLABS. SURFACE PREPARATION (CLEANING) AND INSTALLATION OF THE CONCRETE TOPPING IS (NOT BY CORESLAB).

**CAUTIONARY NOTE**  
 CONSTRUCTION LOADS MUST NOT EXCEED LOADS SHOWN

**REVIEW FOR FABRICATION**  
 The General Contractor is required to ensure that all information requested on the shop drawings, (dimensions, details, openings, etc.) has been verified / provided.  
 Coreslab will only manufacture precast once all information requested on the drawings has been obtained and the General Contractor has indicated that the shop drawings have been "Reviewed" or "Reviewed as Noted".

Reviewed	Proceed with Fabrication. (Send final production drawings)
Reviewed as Noted	Incorporate Comments and Proceed with Fabrication. (Send final production drawings)
Revise & Resubmit	Incorporate Comments and Resubmit for Review. (DO NOT proceed with fabrication)

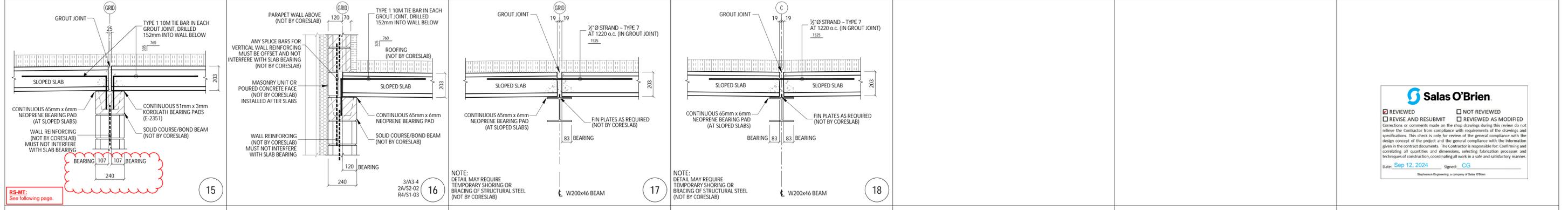
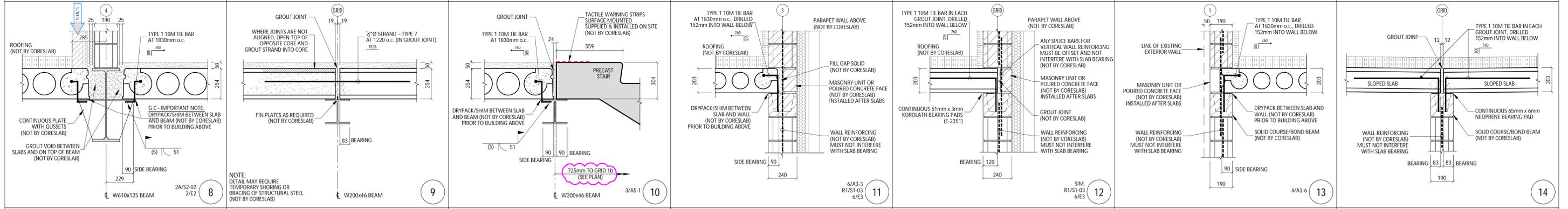
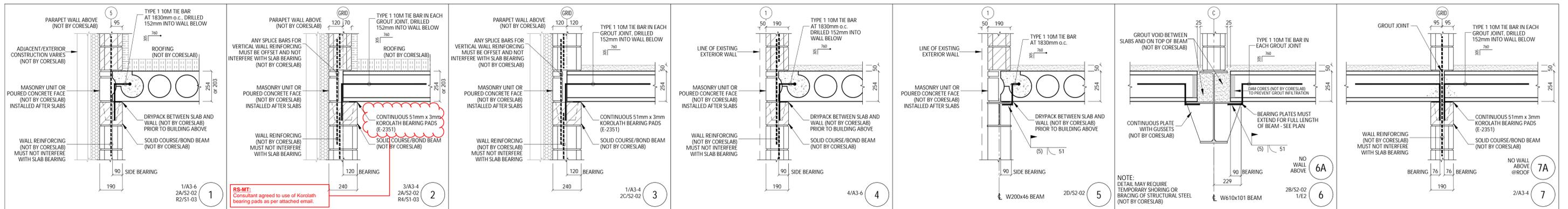
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Professional Engineers Ontario**  
**Limited Licensee**  
 Name: N. MLADENOVIC  
 Number: 100146879  
 Category: CIVIL - Precast/Prestressed Concrete Components  
 Limitations: This licence is subject to the limitations as detailed on the certificate.  
 Association of Professional Engineers of Ontario  
 2024.09.10

CLASSROOM	LOW ROOF	HIGH ROOF	CORRIDOR
LL: 2.40 kPa	LL: 1.56 kPa + ASL	LL: 1.56 kPa	LL: 4.8 kPa
DL: 1.54 kPa	DL: 1.06 kPa	DL: 1.42 kPa	DL: 1.80 kPa

PLUS ANY ADDITIONAL LOADS SHOWN ON THIS DRAWING

**CORESLAB STRUCTURES**  
 205 Corcoran Drive, Dundas, ON, L9H 0B3. PHONE: (905) 689-3993 FAX: (905) 689-0708  
 PROJECT: EEC SAINT-MICHEL SCHOOL ADDITION  
 ADDRESS: 29 MEADOWVALE RD., SCARBOROUGH, ON  
 TITLE: FLOOR PLANS - SLAB LAYOUTS  
 CONTRACTOR: RITESTART LIMITED  
 DRAWN: rgs  
 CHECKED: \_\_\_\_\_  
 PROJECT No.: 24-667  
 DATE: 2024.08.27  
 DRAWING No.: E1  
 1 OF 2



**Salas O'Brien**

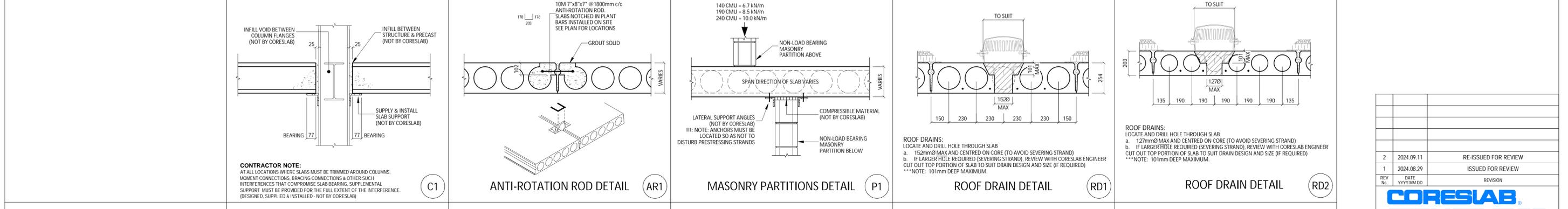
REVIEWED  NOT REVIEWED

REVISE AND RESUBMIT  REVIEWED AS MODIFIED

Corrections or comments made on the shop drawings during this review do not relieve the contractor from compliance with requirements of the drawings and specifications. This check is only for review of the general compliance with the information given in the contract documents. The Contractor is responsible for confirming and coordinating all quantities, and dimensions, selecting fabrication processes and techniques of construction, coordinating all work in a safe and satisfactory manner.

Date: Sep 12, 2024 Signed: CG

Stephenson Engineering - a company of Salas O'Brien



**ISSUED**  
2024.09.11

2	2024.09.11	RE-ISSUED FOR REVIEW
1	2024.08.29	ISSUED FOR REVIEW
REV. No.	DATE	REVISION
	YYYY/MM/DD	
<b>CORES LAB STRUCTURES</b>		
205 Coreslab Drive, Dundas, ON, L9H 0B3. PHONE: (905) 689-3993 FAX: (905) 689-0708		
Professional Engineers Ontario		
<b>Limited Licensee</b>		
Name: N. MLADENOVIC		
Number: 100146879		
Category: CIVIL - Precast/Prestressed Concrete Components		
2024.09.10		
Limitations: This licence is subject to the limitations as detailed on the certificate. Association of Professional Engineers of Ontario		
FOR PRECAST ONLY		
PROJECT: EEC SAINT-MICHEL SCHOOL ADDITION		
ADDRESS: 29 MEADOWVALE RD., SCARBOROUGH, ON		
TITLE: FLOOR PLANS - SLAB LAYOUTS		
CONTRACTOR: RITESTART LIMITED		
DRAWN: rgs	CHECKED:	DRAWING No.:
SCALE:	PROJECT No.:	E2
DATE: 2024.08.27	24-667	2 OF 2