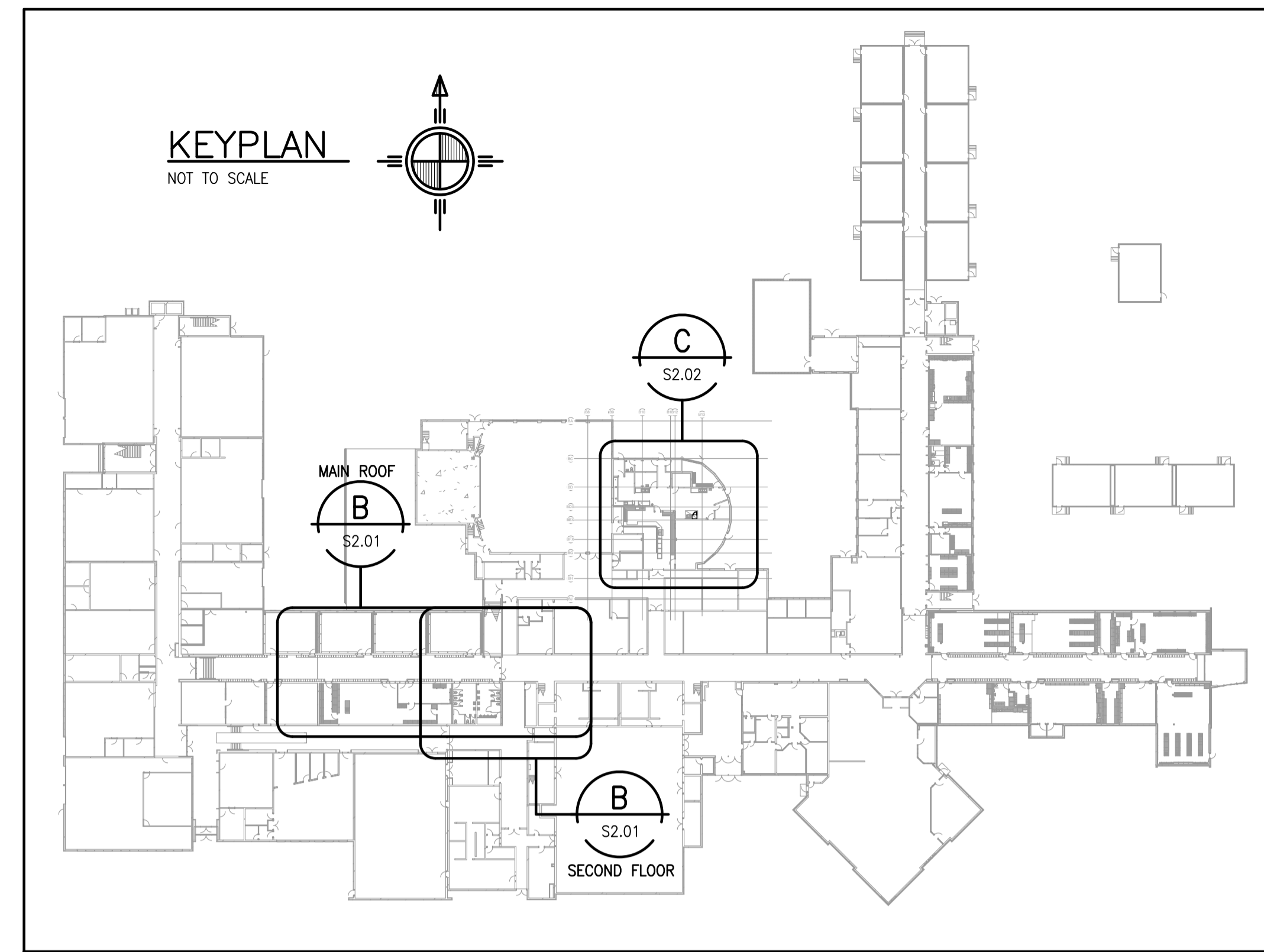


LINTEL SCHEDULES

GENERAL PURPOSE LINTELS			LINTELS FOR IDENTIFIED OPENINGS			
STEEL LINTELS			MARK	MATERIAL	ARRANGEMENT	REMARKS
MAXIMUM CLEAR SPAN	MATERIAL	MASONRY TYPE	L1	W250x49 + PL 270x6		PROVIDE BP1 EACH END, LOCATE BETWEEN JOIST BEARINGS WHEN POSSIBLE
1400mm	L-89 x 89 x 6.4	90 BRICK OR 90 BLOCK PER WYTHE	L2	W200x19 + 170x6 PLATE + L89x89x6.4 HDG		PROVIDE BP1 EACH END
1800mm	L-127 x 89 x 6.4 LLV		L3	L102x102x6.4		
2200mm	L-127 x 89 x 7.9 LLV					
2800mm	L-152 x 102 x 9.5 LLV	140 BLOCK				
2000mm	2 L-89 x 64 x 6.4 LLV	190 BLOCK				
1800mm	2 L-89 x 89 x 6.4					
2400mm	2 L-127 x 89 x 6.4 LLV	240 BLOCK				
4200mm	S200x27 + PL 170x6					
1400mm	L-102 x 102 x 6.4 + L-127 x 102 x 6.4	290 BLOCK				
3000mm	S150x19 + PL 220x6					
1200mm	S100x11 + PL 270x6					
1900mm	S150x19 + PL 270x6					
3500mm	S200x27 + PL 270x6					

- CONDITIONS OF USE FOR GENERAL PURPOSE LINTEL SCHEDULE:**
- WHERE LINTEL MARKS ARE SHOWN THUS: "L#". REFER TO SCHEDULE "LINTELS FOR IDENTIFIED OPENINGS" ON THIS DRAWING.
 - A SUITABLE LINTEL IS TO BE SUPPLIED FOR ALL MASONRY OPENINGS.
 - THIS SCHEDULE IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
 - THIS SCHEDULE IS TO BE USED AS A GUIDE WITH REGARD TO WALL SIZE AND OPENING WIDTH FOR ANY LINTELS NOT SPECIFICALLY NOTED ON PLAN.
 - CONCRETE BLOCK UNITS ARE HOLLOW AND UNFILLED EXCEPT FOR FIRST COURSE ABOVE LINTEL WHICH SHALL BE FILLED SOLID UNLESS NOTED OTHERWISE.
 - DO NOT SHORE LINTELS DURING WALL CONSTRUCTION.
 - PROVIDE 200mm BEARING EACH END ON 400mm LONG BY 2 COURSES DEEP OF FILLED OR SOLID MASONRY UNLESS NOTED OTHERWISE ON DRAWING.
 - CONNECT LINTELS DIRECTLY TO STRUCTURE WHERE INSUFFICIENT BEARING IS AVAILABLE.
 - LINTEL SUPPORTING EXTERIOR WYTHE OF MASONRY IN EXTERIOR WALLS SHALL BE HOT DIP GALVANIZED.
 - ALL DOUBLE ANGLE LINTELS TO BE WELDED BACK-TO-BACK TOP AND BOTTOM WITH 5mm FILLET WELDS x 50mm LONG WELD AT 600mm o/c.
 - LINTELS IN CURVED WALLS ARE TO BE ROLLED TO REQUIRED RADIUS.
 - MASONRY CONTROL JOINTS ARE NOT TO BE LOCATED THROUGH LINTELS.
 - FULL HEAD JOINTS ARE REQUIRED FOR DEPTH OF LINTEL.

- NOTES FOR LINTELS FOR IDENTIFIED OPENINGS SCHEDULE:**
- A SUITABLE LINTEL IS TO BE SUPPLIED FOR ALL MASONRY OPENINGS. FOR OPENINGS THROUGH MASONRY WALLS WHICH DO NOT HAVE A SPECIFIC MARK REFER TO SCHEDULE "GENERAL PURPOSE LINTELS" ON THIS DRAWING.
 - SEE PLANS FOR LINTEL MARKS.
 - LINTEL SUPPORTING EXTERIOR WYTHE OF MASONRY IN EXTERIOR WALLS SHALL BE HOT DIP GALVANIZED. SEE GENERAL PURPOSE LINTEL SCHEDULE FOR SIZE.
 - FULL HEAD JOINTS ARE REQUIRED FOR DEPTH OF MASONRY LINTEL WHEN SPECIFIED.
 - GROUT FOR LINTEL TO BE 25MPa.
 - MASONRY CONTROL JOINTS ARE NOT TO BE LOCATED THROUGH MASONRY LINTELS.
 - ALL EXTERIOR LINTELS TO BE HOT-DIP GALVANIZED AFTER FABRICATION AND STRAIGHTENED TO MEET CSA S16 TOLERANCES.
 - PROVIDE 8" BEARING EACH END UNLESS NOTED OTHERWISE ON DRAWING.
 - BEARING TO BE ON 2"-0" LONG BY 2 COURSES DEEP OF FILLED MASONRY UNLESS OTHERWISE NOTED ON PLAN, DRAWING, OR BEARING PLATE SCHEDULE.



GENERAL

- GENERAL CONTRACTOR TO SITE VERIFY ALL CONDITIONS AND OR DIMENSIONS SHOWN OR IMPLIED ON THE STRUCTURAL DRAWINGS.
- GENERAL CONTRACTOR TO CO-ORDINATE ALL STRUCTURAL DOCUMENTS AND WORK WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND SITE SERVICING DOCUMENTS AND WORK.
- REPORT ANY DISCREPANCIES AND OR CONFLICTS IN DIMENSIONS OR DETAILS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO COMMENCING THE WORK IN QUESTION.
- PROVIDE ALL TEMPORARY NEEDLING, SHORING AND BRACING AS REQUIRED TO SAFELY COMPLETE THE WORK SHOWN ON THE STRUCTURAL DRAWINGS. SUBMIT DRAWINGS DETAILING THE TEMPORARY WORKS, SEALED SIGNED AND DATED BY A LICENSED PROFESSIONAL ENGINEER.

CONCRETE AND CONCRETE REINFORCING

- ALL CONCRETE WORK INCLUDING MATERIALS, MIXING, PLACING, FINISHING, CURING, COLD WEATHER PROTECTION, HOT WEATHER PROTECTION, FORMWORK AND RESHORING IN ACCORDANCE WITH A23.1 AND A23.3 CURRENT UNLESS NOTED OTHERWISE.
- ALL CONCRETE REINFORCING INCLUDING MATERIALS, FABRICATION, DETAILING, LAP SPLICES, PLACEMENT, FIXING AND COVER IN ACCORDANCE WITH A23.1 AND A23.3 CURRENT UNLESS NOTED OTHERWISE HERE.
- CURE ALL SLABS ON GRADE WITH PRE-APPROVED CURING COMPOUND COMPATIBLE WITH THE PROPOSED FLOORING ADHESIVE. MAINTAIN AIR TEMPERATURE AT OR ABOVE 10°C FOR SEVEN (7) DAYS.
- ALL SLABS TO BE LEFT EXPOSED IN THE COMPLETED BUILDING TO RECEIVE TWO COATS OF A PRE-APPROVED CONCRETE SEALER IMMEDIATELY PRIOR TO TURNING THE BUILDING OVER TO THE OWNER.

LOCATION	SPEC 28 DAY	SLUMP	AIR CONTENT	EXPOSURE CLASS
SLABS ON GRADE	25MPa	100 MAX.		N
SLABS ON DECK	25MPa (10mm AGGREGATE MAX)	100 MAX.		N

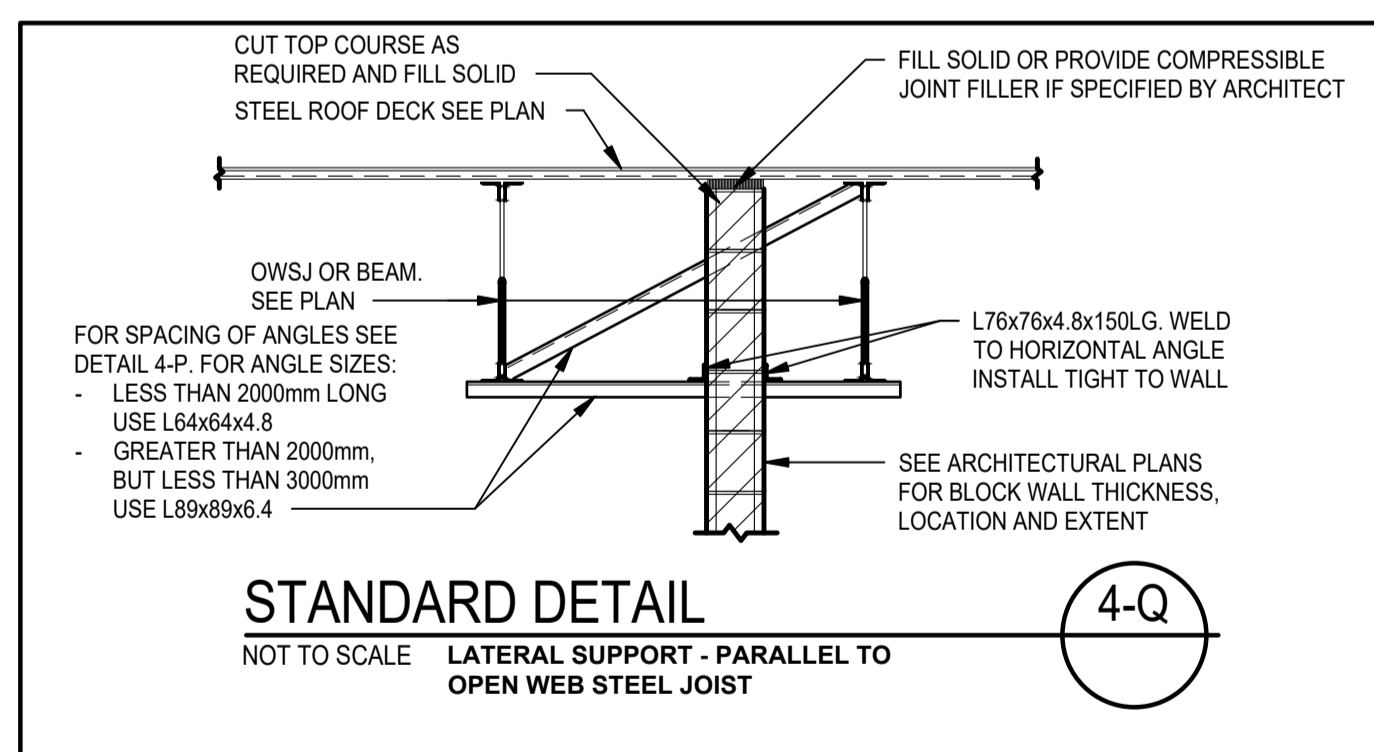
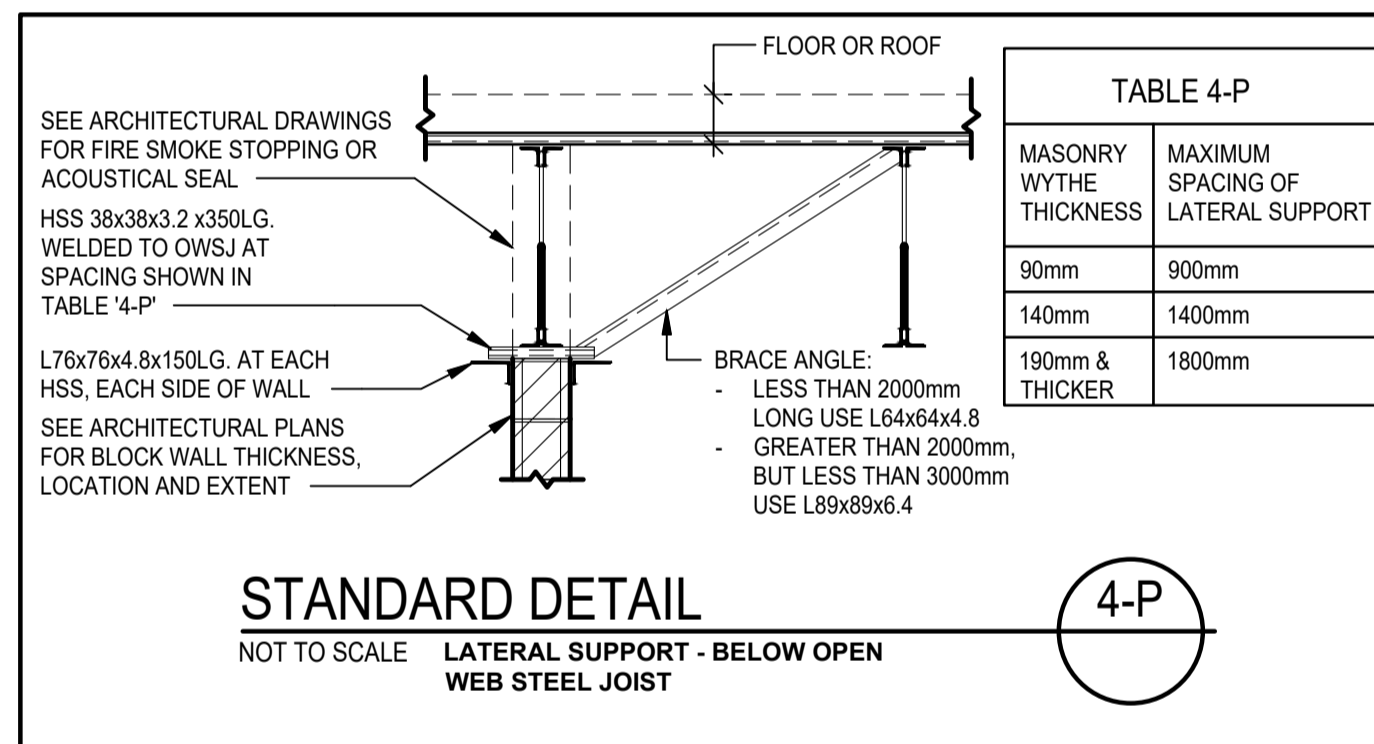
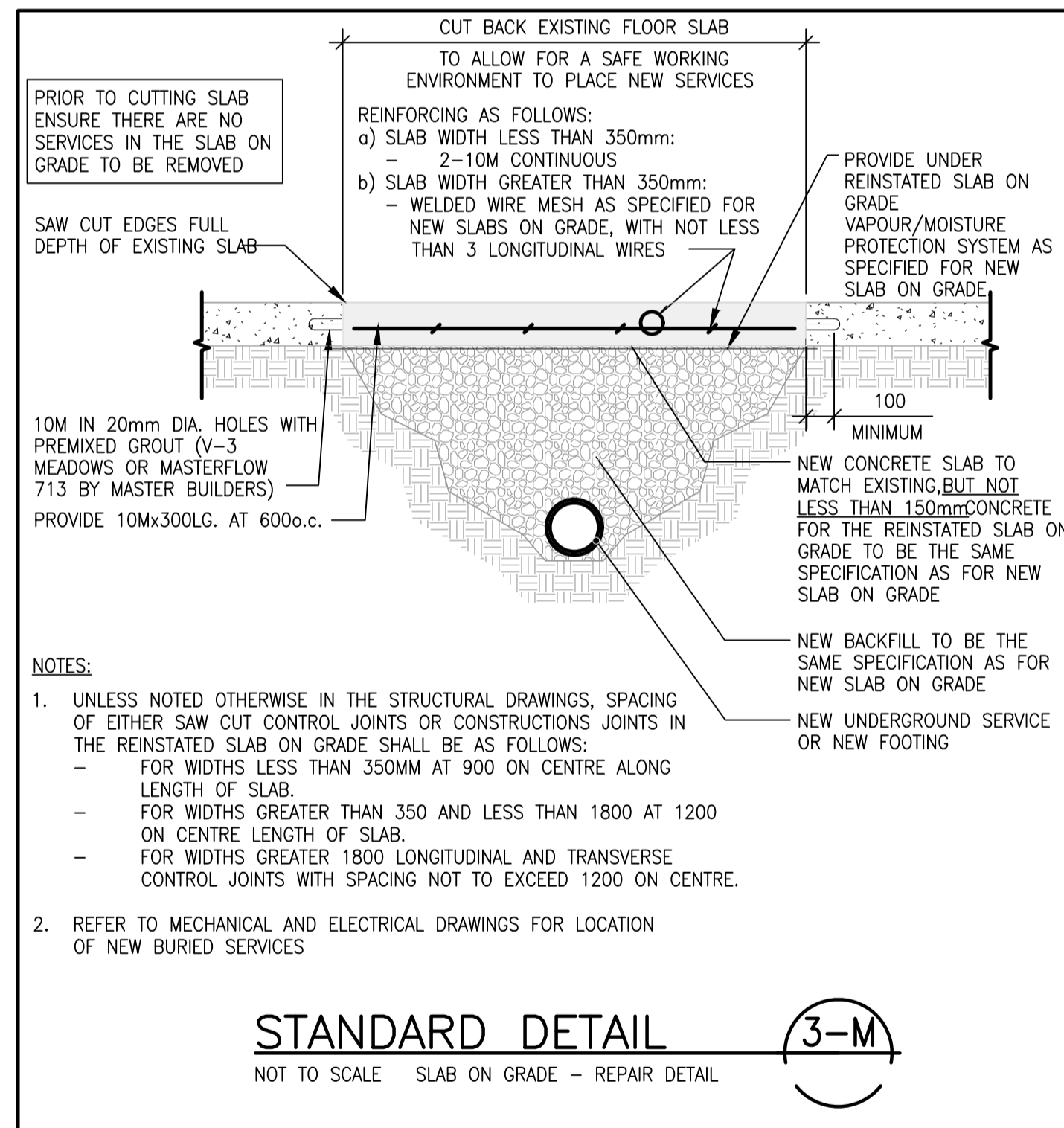
- REINFORCING STEEL TO BE GRADE 400, WITH A MINIMUM SPECIFIED YIELD STRENGTH OF 400MPa.

STRUCTURAL STEEL

- SUBMIT FOR CONSULTANT'S REVIEW ERECTION DIAGRAMS AND FABRICATION DETAILS, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER FOR STEEL CONNECTIONS IN ACCORDANCE WITH THE GENERAL NOTES.
- CONSULTANT'S REVIEW OF SHOP DRAWING DOES NOT RELEASE THE CONTRACTOR OF THEIR RESPONSIBILITY FOR THE COMPLETENESS OF THE WORK NOR CO-ORDINATION WITH OTHER TRADES.
- FABRICATION AND ERECTION OF STEEL SHALL BE IN ACCORDANCE WITH CSA S16 (CURRENT).

SHAPE	STANDARD	GRADE	MIN. YIELD STRENGTH
CANADIAN WWF & W	GSA G40.21	350W	50 Ksi
HOLLOW STRUCTURAL SECTION CLASS C	GSA G40.21	350W	50 Ksi
PLATES, CHANNELS, ANGLES	GSA G40.21	300W	44 Ksi
WWF & W NOT ROLLED IN CANADA	ASTM A572	50	50 Ksi

- STRUCTURAL STEEL TO CONFORM TO THE FOLLOWING TABLE UNLESS NOTED OTHERWISE.
- ALL STRUCTURAL STEEL SHALL BE SUFFICIENTLY STRAIGHT THAT VARIATIONS CANNOT BE DETERMINED WITH THE UNAIDED EYE. ALL STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED OF ALL LOOSE MILL SCALE, DIRT, OIL, OR OTHER FOREIGN MATTER BEFORE SHOP PAINTING. SHOP PAINT SHALL CONFORM TO CAN/CSB 1.40-M89 OR CISC/CPMA STANDARD 2-75.
- STEEL LINTELS SHALL HAVE A MINIMUM BEARING LENGTH OF 8".
- WHERE HOT DIP GALVANIZING (HDG) IS SPECIFIED IT SHALL BE IN ACCORDANCE WITH CAN/CSA-G164-M92 (MINIMUM ZINC COATING 600 GSM).
- ALL WELDING SHALL BE DONE BY AN ORGANIZATION FULLY APPROVED BY THE CANADIAN WELDING BUREAU UNDER CSA-W47.1-(CURRENT) IN DIVISION 1 OR 2 AT THE TIME OF TENDERING. WELDERS TO BE CWB CERTIFIED TO THE COMPANIES STANDARDS. WELDING AND WELDING MATERIALS SHALL CONFORM TO CSA-W59-(CURRENT).

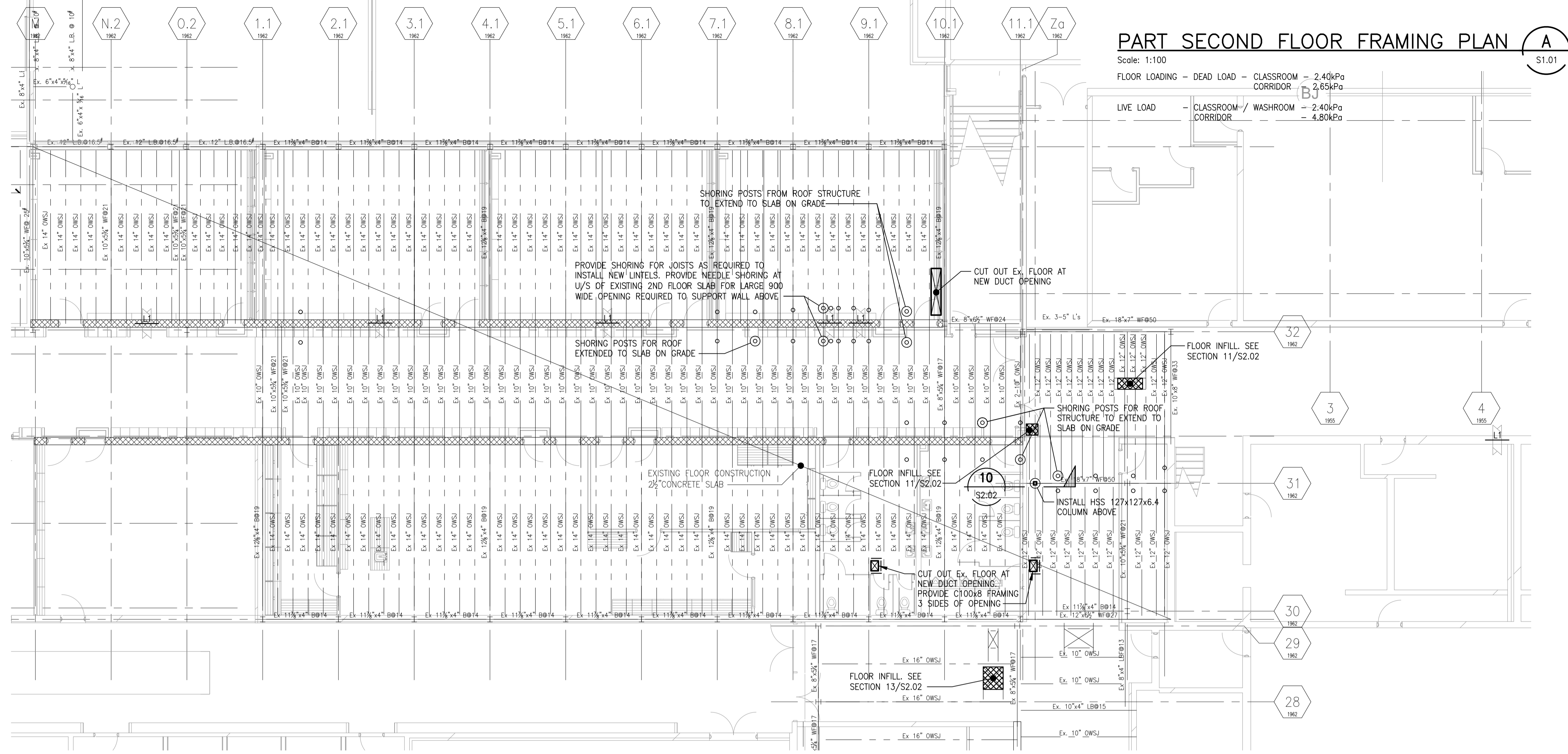


MTE Engineers, Scientists, Surveyors
2026-03-27 ISSUED FOR BID 5 19-204-6510



Waterloo-Oxford District Secondary School
1206 Snyder's Rd W. Baden, ON N3A 1A4
WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES
Project No.: 61652_002
Drawn By: AMM
Reviewed: MARCH 2026

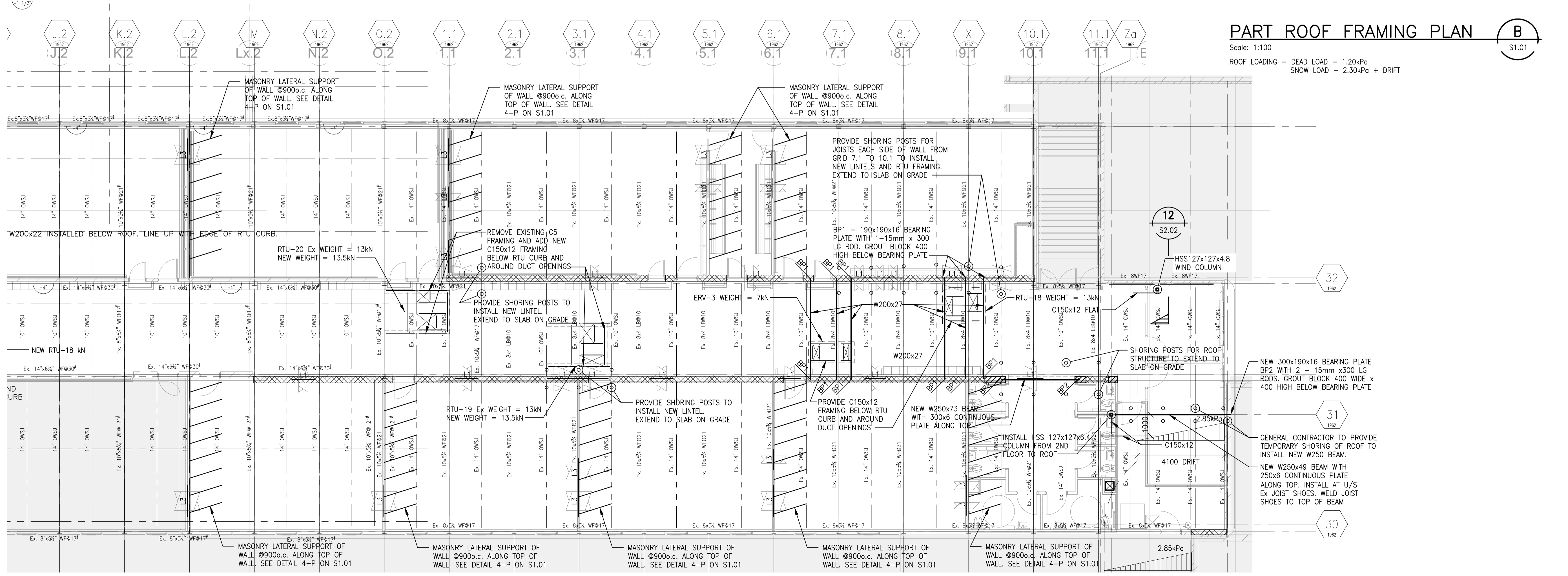
STRUCTURAL DATA, STANDARD DETAILS AND NOTES



PART SECOND FLOOR FRAMING PLAN A

Scale: 1:100
 FLOOR LOADING - DEAD LOAD - CLASSROOM - 2.40kPa
 CORRIDOR - 2.65kPa
 LIVE LOAD - CLASSROOM - 2.40kPa
 CORRIDOR - 4.80kPa

S1.01



PART ROOF FRAMING PLAN B

Scale: 1:100
 ROOF LOADING - DEAD LOAD - 1.20kPa
 SNOW LOAD - 2.30kPa + DRIFT

S1.01

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 2026-03-27 ISSUED FOR BID
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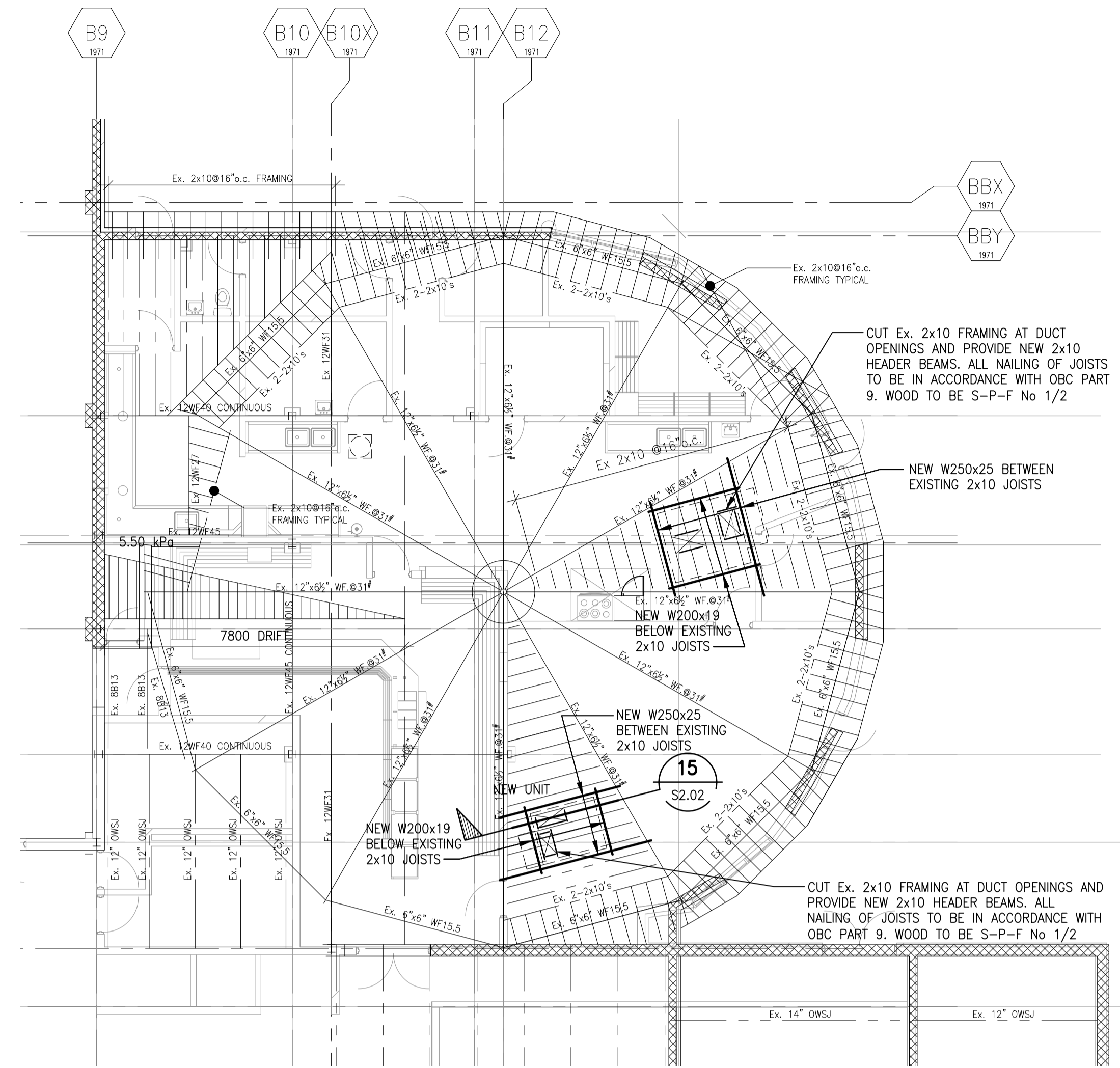


Waterloo-Oxford District Secondary School
 WINDOW REPLACEMENTS, INTERIOR ALTERATIONS AND HVAC UPGRADES
 1208 Snyder's Rd W. Baden, ON N3A 1A4
 Project No.: 61652_002
 Drawn By: AMM
 Revised: MARCH 2024

PART SECOND FLOOR AND ROOF FRAMING PLANS

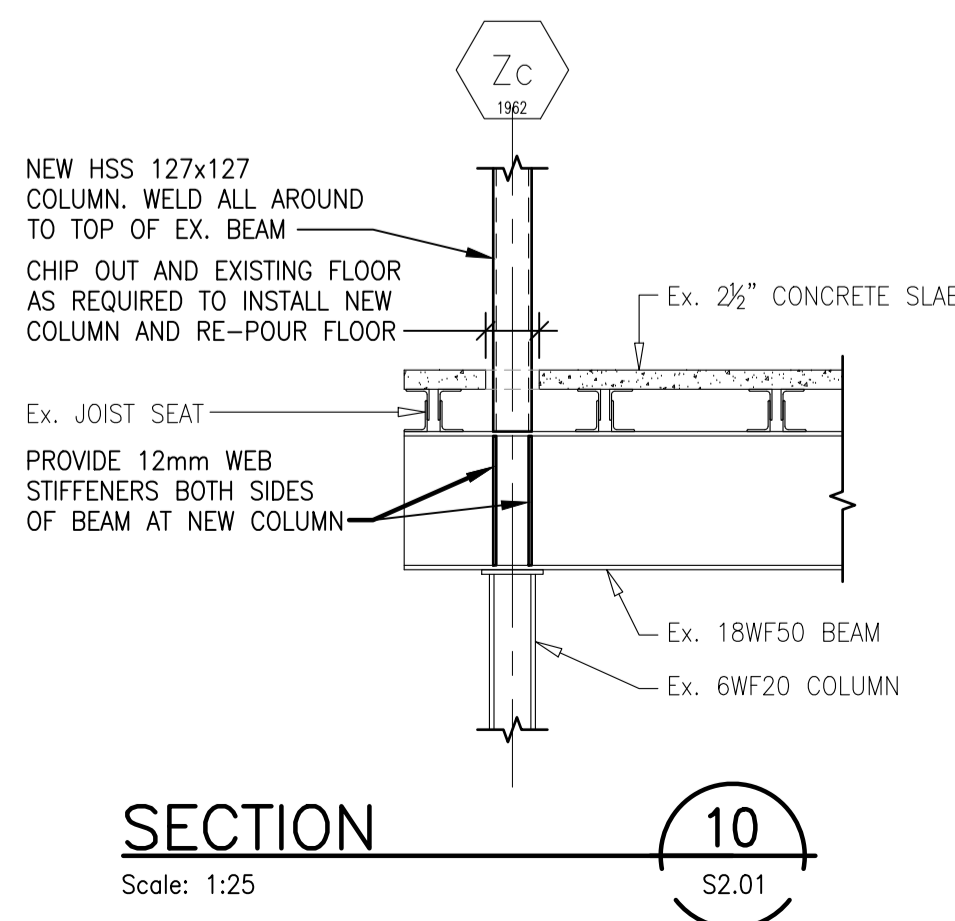
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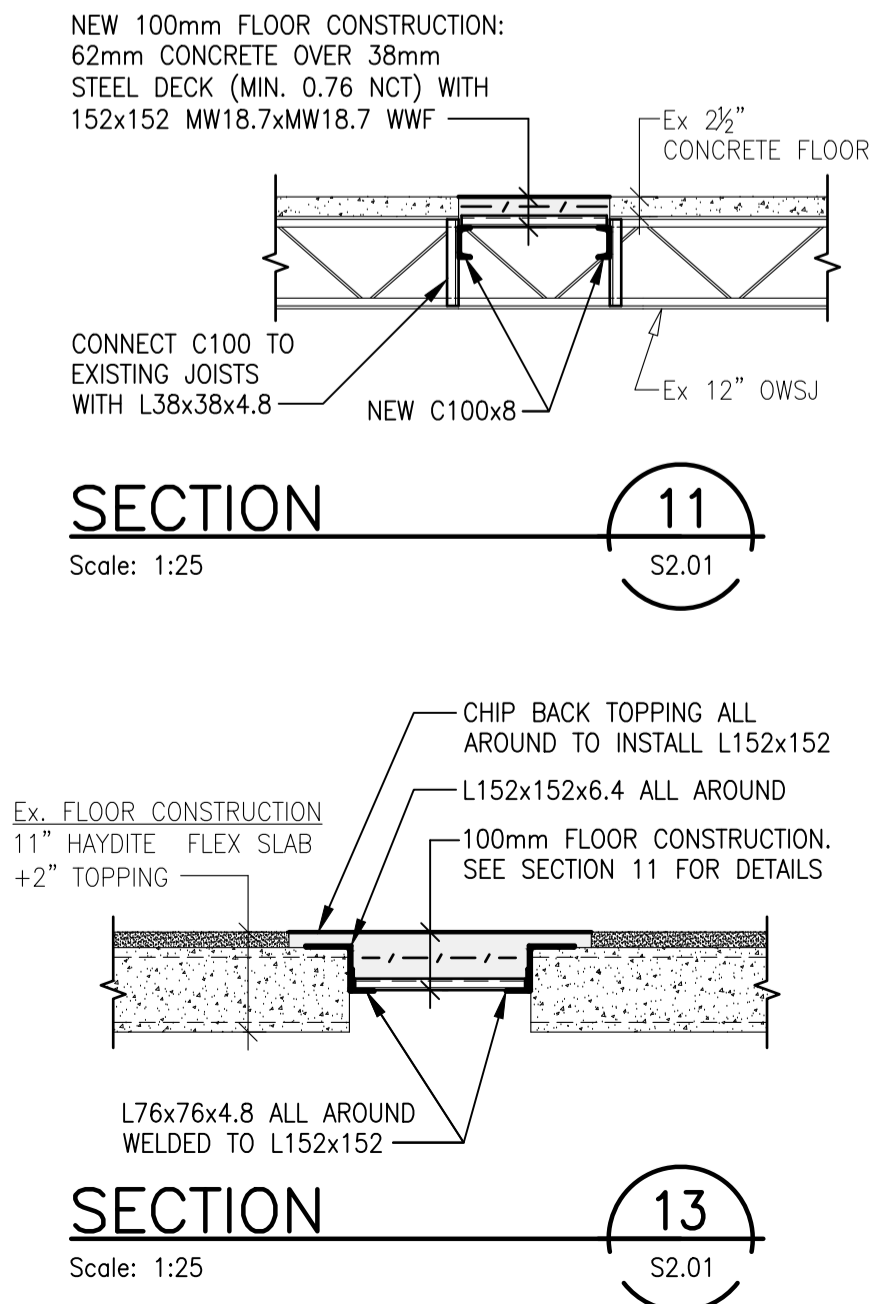


PART LOW ROOF FRAMING PLAN C

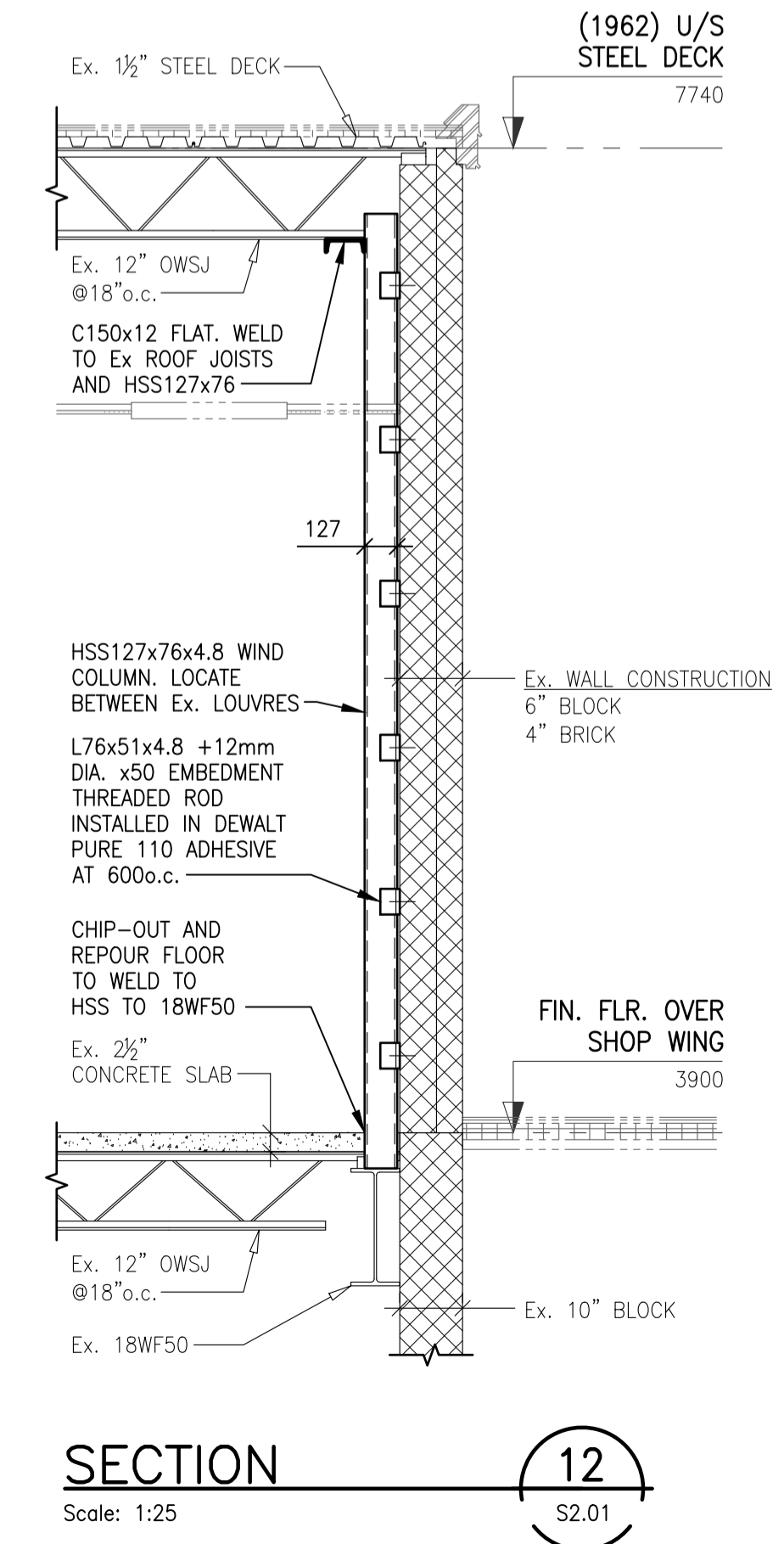
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 ROOF LOADING - DEAD LOAD - 1.40kPa
 SNOW LOAD - 2.30kPa + DRIFT



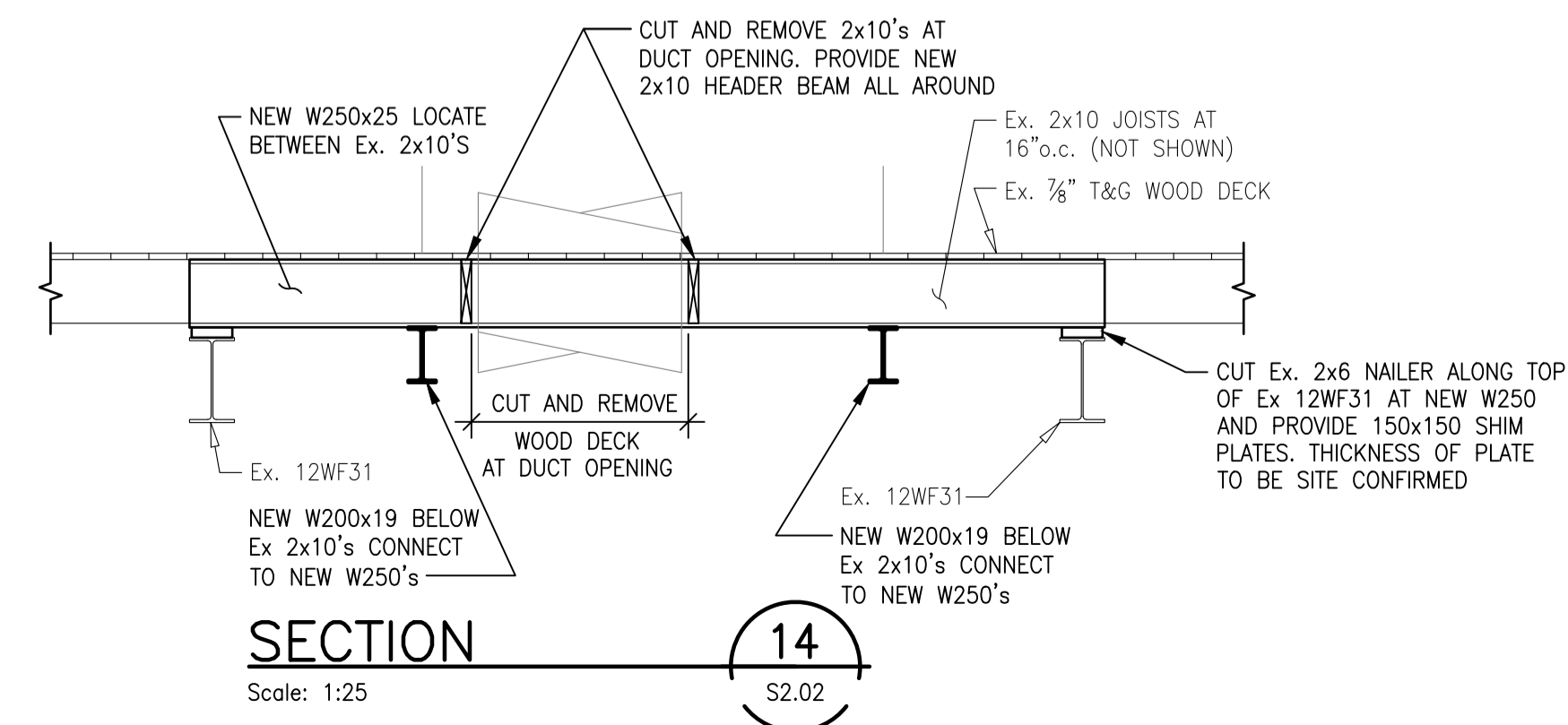
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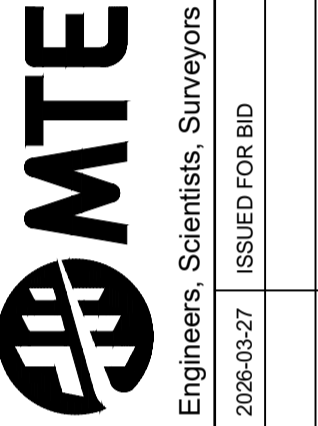
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SECTION 12
Scale: 1:25 S2.01



SECTION 14
Scale: 1:25 S2.02



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