

GENERAL

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, LATEST EDITION AND THE OCCUPATIONAL HEALTH AND SAFETY ACT/REGULATIONS FOR CONSTRUCTION PROJECTS.
- CONFORM TO OWNER'S GENERAL SPECIFICATIONS INCLUDING ALL SAFETY REQUIREMENTS.
- SITE VERIFY ALL DIMENSIONS AND LEVELS.
- KEEP THE SITE THROUGHOUT THE WORK AREA IN A CLEAN AND ORDERLY CONDITION AT ALL TIMES TO THE SATISFACTION OF THE OWNER.
- THE LATEST EDITION OF ALL CODES AND STANDARDS SHALL BE USED.
- ALL STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH OTHER CONSULTANTS DRAWINGS.

EXCAVATION, BACKFILLING AND GRADING

CODES, REGULATIONS

- CONFORM TO THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS) AND THE WORKPLACE HEALTH AND SAFETY ACT.
- PROVIDE MINIMUM 8" TOPSOIL BELOW ANY DISTURBED GREEN SCAPE AREAS TO BE RESTORED PRIOR TO SODDING.

EXAMINATION

- BEFORE TENDERING THE WORK, THE CONTRACTOR SHALL EXAMINE THE SITE AND ASCERTAIN THE EXTENT AND NATURE OF THE MATERIAL IT MAY BE NECESSARY TO REMOVE TO PROVIDE FOR THE DEPTHS, LEVELS, AND GRADES REQUIRED, TO ASSURE HIMSELF THAT HIS DETERMINATIONS ARE MADE IN CONFORMITY WITH THE DRAWINGS AND SPECIFICATIONS.

SETTING OUT WORK

- THE DRAWINGS INDICATE THE SITE COMPONENTS LOCATION, AND PROPOSED AND FINAL GRADES. BE RESPONSIBLE TO CONSTRUCT THE WORK ACCORDING TO LEVELS AND LOCATIONS SHOWN ON THE DRAWINGS. REPORT ANY ERRORS OR DISCREPANCIES TO THE CONSULTANT BEFORE COMMENCING WITH THE WORK. COMMENCEMENT OF ANY PART OF THE WORK SHALL CONSTITUTE ACCEPTANCE OF DRAWINGS AS BEING CORRECT.
- EMPLOY A COMPETENT INSTRUMENT MAN AND PROVIDE ALL LINES AND LEVELS, LIMIT LINES AND BOUNDARY STAKES FOR THE EXECUTION OF THE WORK AS REQUIRED. ALL BENCH MARKS SHALL BE CAREFULLY PROTECTED.
- PROVIDE ALL SUBCONTRACTORS WITH, AND BE RESPONSIBLE FOR, ALL LINES, LEVELS AND DIMENSIONS WHICH SUCH TRADES REQUIRE TO RELATE THEIR WORK TO THE WORK OF THE CONTRACTOR OR OTHER TRADES. ALL TRADES SHALL BE NOTIFIED THAT ALL SUCH LEVELS AND DIMENSIONS MUST BE OBTAINED FROM THE CONTRACTOR.

PROTECTION

- PROTECTION OF EXISTING SERVICES
- BEFORE STARTING THE WORK, VERIFY THE LOCATION OF ALL KNOWN UNDERGROUND SERVICES AND UTILITIES OCCURRING IN THE WORK SITE AREA.
- NOTIFY THE OWNER, PUBLIC UTILITY OR MUNICIPAL AUTHORITIES IN ADVANCE OF PLANNED EXCAVATIONS ADJACENT TO THEIR SERVICES.
- TAKE CARE NOT TO DAMAGE OR DISPLACE ENCOUNTERED KNOWN AND UNKNOWN SERVICES.
- WHEN SUCH SERVICES ARE ENCOUNTERED DURING THE EXECUTION OF WORK, IMMEDIATELY NOTIFY THE CONSULTANT AND PROTECT, BRACE AND SUPPORT ACTIVE SERVICES. WHERE REPAIRS TO THESE SERVICES BECOME NECESSARY USE THE FOLLOWING PROCEDURE:
 - KNOWN SERVICES, REPAIR AT NO EXPENSE TO THE OWNER.
 - UNKNOWN SERVICES, FORWARD TO THE CONSULTANT A COMPLETE BREAKDOWN OF THE ESTIMATED COST OF SUCH WORK. PROCEED ONLY UPON WRITTEN AUTHORIZATION.
- IN THE CASE OF DAMAGE TO, OR CUTTING OFF OF AN ESSENTIAL SERVICE, NOTIFY CONSULTANT, THE OWNER, AND PUBLIC UTILITY OR MUNICIPAL AUTHORITIES IMMEDIATELY AND REPAIR THE SERVICE UNDER THE CONSULTANT'S DIRECTION.
- BACKFILL
 - ASSUME REUSE EXISTING COMPACT SOIL AND INFILL BACKFILL OF GRANULAR MATERIAL/TOPSOIL AS REQUIRED TO ACCOMPLISH WORK ON PROJECT.
 - ALL FILL SHALL BE STORED ON SITE IN A LOCATION APPROVED BY THE OWNER/CONSULTANT AND SHALL BE PROTECTED AS REQUIRED FOR RE-USE.

EXCAVATION WORK

- REMOVE ALL CONCRETE, MASONRY, RUBBLE OR OTHER CONSTRUCTION DEBRIS ENCOUNTERED DURING THE WORK.
- KEEP EXCAVATION FREE OF WATER BY BAILING, PUMPING OR A SYSTEM OF DRAINAGE AS REQUIRED AND PROVIDE PUMPS, SUCTION AND DISCHARGE LINES OR WELL POINTS OF SUFFICIENT CAPACITY AND MAINTAIN UNTIL SUCH TIME AS THE PERMANENT DRAINAGE SYSTEM IS INSTALLED OR UNTIL THE CONSULTANT'S APPROVAL OF REMOVAL OF EQUIPMENT IS OBTAINED. TAKE ALL NECESSARY MEASURES TO PREVENT FLOW OF WATER INTO THE EXCAVATION.
- PROTECT THE BOTTOM AND SIDES OF EXCAVATED PITS AND TRENCHES FROM FREEZING. PROTECT ALSO FROM EXPOSURE TO THE SUN AND WET WEATHER TO PREVENT CAVE-INS AND SOFTENING OF THE BED UPON WHICH CONCRETE OR DRAINS REST.
- EXCAVATIONS MUST NOT INTERFERE WITH THE NORMAL 45 DEGREE PLANE OF BEARING FROM THE BOTTOM OF ANY FOOTING.
- KEEP BOTTOMS OF EXCAVATIONS CLEAN AND CLEAR OF LOOSE MATERIALS LEVELLED AND STEPPED AT CHANGES OF LEVELS WITH EXCEPTION OF EXCAVATIONS MADE FOR DRAINAGE PURPOSES AND THOSE SLOPE AS REQUIRED.
- IF THE EXCAVATIONS REVEAL SEEPAGE ZONES, SPRINGS OR OTHER UNEXPECTED SUB-SURFACE CONDITIONS WHICH MAY NECESSITATE REVISIONS OR ADDITIONS TO ANY DRAINAGE SYSTEM, INFORM THE CONSULTANT IMMEDIATELY SO THAT REMEDIAL CAN BE TAKEN.

BACK FILLING

- PROCEED PROMPTLY WITH BACKFILLING AS THE BUILDING REPAIRS PROGRESSES, AND AS WORK TO BE BACKFILLED HAS BEEN INSPECTED AND APPROVED BY THE CONSULTANT. THE BACKFILL SHOULD BE PLACED IN LIFTS NOT GREATER THAN 8" THICK IN THE LOOSE STATE, EACH LIFT BEING COMPACTED WITH A SUITABLE COMPACTOR TO THE SPECIFIED DENSITY.
- DO NOT COMMENCE BACKFILLING OPERATIONS UNTIL SITE DRAINAGE SYSTEMS AND WATERPROOFING HAS BEEN INSPECTED AND APPROVED BY CONSULTANT.
- WITHDRAW SHORING MATERIAL DURING BACKFILL. LUMBER LEFT IN PLACE WITHOUT THE CONSULTANT'S APPROVAL WILL NOT BE PAID FOR BY THE OWNER.
- WHERE FILL IS PLACED ADJACENT TO STRUCTURES OR VULNERABLE BUILDING COMPONENTS OR IN RESTRICTED AREAS, THE FILL SHALL BE COMPACTED TO THE SAME DEGREE AS SPECIFIED BY SUITABLE EQUIPMENT APPROVED BY THE CONSULTANT. AVOID DAMAGE TO OR DISPLACEMENT OF EXISTING/NEW STRUCTURES.
- ADD WATER IN AMOUNTS REQUIRED ONLY TO ACHIEVE THE OPTIMUM MOISTURE CONTENT, IN ACCORDANCE WITH ASTM D1557.
- BACKFILL SHALL BE FREE OF SNOW AND ICE, TOPSOIL, CONSTRUCTION DEBRIS AND OVERSIZED BOULDERS GREATER THAN 150mm.

FOUNDATIONS

- ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOIL APPROVED BY THE GEOTECHNICAL CONSULTANTS. REPORT ANY DOUBTFUL BEARING CONDITIONS TO THE STRUCTURAL ENGINEER BEFORE PLACING FOOTINGS. REFER TO SOILS REPORT FOR EXCAVATION, BACKFILLING AND Dewatering PROCEDURES.
- FROST COVER: BOTTOM OF FOUNDATION WALL AND GRADE BEAMS TO HAVE A MINIMUM 5"-0" COVER TO FINISHED EXTERIOR GRADE FOR FROST PROTECTION UNLESS NOTED.
- MATERIALS FOR BACKFILL SHALL BE GRAN 'A' AND GRAN 'B' CONFORMING TO OPSS STANDARDS COMPACTED TO 98% STANDARD PROCTOR MAX. DRY DENSITY.
- ALL PIERS AND FOOTINGS UNDER COLUMNS TO BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE ON THE PLAN.
- FOUNDATION DESIGN BASED ON ASSUMED BEARING CAPACITY OF 150 kPa (3LS) AND 225 kPa (ULS) ON NATIVE MATERIAL. THE BEARING CAPACITY MUST BE CONFIRMED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING FOUNDATIONS.

CONCRETE

- CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF CAN/CSA-A23.1 AND CAN/CSA-A23.3 WITH THE FOLLOWING PROVISION:

LOCATION	DESIGN STRENGTH (28 DAYS)	SLUMP	EXPOSURE CLASS
EXTERIOR FOOTINGS/ FOUNDATION WALLS AND PIERS	25 MPa	80± 30	F-2
INTERIOR FOOTINGS/FOOTING WALLS AND PIERS	25 MPa	80± 30	N
SLAB ON GRADE	25 MPa	80± 30	N*
ALL OTHER INTERIOR CONCRETE	25 MPa	80± 30	N
ALL EXTERIOR REINFORCED CONCRETE (STAIRS & RETAINING WALLS)	35 MPa U.N.O.	80± 30	C-1
EXTERIOR UN-REINFORCED CONCRETE (CURBS & CONCRETE WALKWAYS)	35 MPa U.N.O.	80± 30	C-2

- NO ADDITIONAL WATER SHALL BE ADDED AT THE JOB SITE. CONCRETE WHICH HAS BEEN WATERED OR DOES NOT MEET SPECIFICATIONS SHALL BE REJECTED.
- DURING WINTER WEATHER BELOW 5 °C PROVIDE TEMPORARY HEATING OF CONCRETE IN ACCORDANCE WITH THE REQUIREMENTS OF CSA A23.1.
- WHEN PIPES, CONDUITS, OR SLEEVES ARE REQUIRED TO PENETRATE CONCRETE ASSEMBLIES, THE FOLLOWING SHALL BE OBSERVED:
 - SPACING OF SUCH ITEMS SHALL BE 3 DIAMETERS ON CENTER.
 - CONCRETE SHALL NOT BE PENETRATED WITHIN 600mm (24") OF CONCENTRATED LOADS.
 - ANY PENETRATION SHALL BE A MINIMUM OF 600mm (24") FROM ALL EDGES SUCH AS ENDS AND TOPS OF WALLS.
 - FOR ANY PENETRATIONS GREATER THAN 300mm (12"), CONSULT THE ENGINEER FOR REVIEW AND DETERMINATION OF EXTRA REINFORCEMENT REQUIREMENTS IF APPLICABLE.
- WHEN PIPES, CONDUITS, OR SLEEVES ARE REQUIRED TO BE INSTALLED AT MAXIMUM SPACING OF 600mm (20"-0"), IF NOT OTHERWISE SHOWN ON ARCHITECTURAL DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FILL BLOCK CORES UNDER ALL BEAMS, JOISTS AND OTHER CONCENTRATED POINT LOADS WITH CONCRETE GROUT. GROUT SHALL EXTEND A MINIMUM OF 600mm (24") BELOW LOAD.
- CONCRETE JOINTS AND EXPANSION JOINTS SHALL BE CONTINUED THROUGH BOND BEAMS IF NOT OTHERWISE SHOWN.
- DO NOT CAST SLAB MORE THAN 30 METERS IN LENGTH IN EITHER DIRECTION. PLACE SLAB IN STRIP PATTERN. KEY CONSTRUCTION JOINTS AS DETAILED.
- MAINTAIN MINIMUM SPECIFIED THICKNESS AT ALL DEPRESSIONS AND CHANGES IN ELEVATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATION OF ALL FINISHES, DEPRESSIONS AND SLOPES.
- WELDED WIRE MESH REINFORCING IN SLABS ON GRADE MUST BE PROPERLY CHAIRED. LIFTING OF THE WIRE MESH DURING POURS WILL NOT BE ACCEPTED.

SLAB ON GRADE

- CAST SLAB ON GRADE ON 8" MIN CRUSHED STONE AND COMPACTED SUB-GRADE UNLESS NOTED OTHERWISE.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS OF COMPOSITION OF MATERIALS BELOW GRADE.
- SAWCUT WITHIN 6 TO 18 HOURS. REFER TO THE DRAWINGS FOR SAWCUT REQUIREMENTS.
- DO NOT CAST SLAB MORE THAN 30 METERS IN LENGTH IN EITHER DIRECTION. PLACE SLAB IN STRIP PATTERN. KEY CONSTRUCTION JOINTS AS DETAILED.
- MAINTAIN MINIMUM SPECIFIED THICKNESS AT ALL DEPRESSIONS AND CHANGES IN ELEVATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATION OF ALL FINISHES, DEPRESSIONS AND SLOPES.
- WELDED WIRE MESH REINFORCING IN SLABS ON GRADE MUST BE PROPERLY CHAIRED. LIFTING OF THE WIRE MESH DURING POURS WILL NOT BE ACCEPTED.

CONCRETE REINFORCEMENT

- THE CLEAR DISTANCE BETWEEN REINFORCING STEEL AND SURFACE OF CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

LOCATION	CLEAR COVER
FOOTINGS	75mm(3") UNDERSIDE 50mm(2") TOP AND ENDS
WALLS	50mm(2") AGAINST EARTH (20M BAR OR GREATER) 40mm(1½") AGAINST EARTH (15M BAR) 40mm (1½") AGAINST FORM (20M BAR OR GREATER) 25mm (1") AGAINST FORM (15M BAR)
SLABS	25mm(1") TOP BARS 25mm(1") BOTTOM BARS
COLUMNS/PIERS	40mm(1½") TO TIES
SURFACE IN CONTACT WITH GROUND	75mm(3")

- STRUCTURAL GROUT SHALL BE NON-SHRINK, NON METALLIC M-BED STANDARD PREMIX BY Sika OR APPROVED EQUAL.
- DETAIL REINFORCING STEEL IN ACCORDANCE WITH "REINFORCING STEEL MANUAL OF STANDARD PRACTICE" LATEST EDITION.
- REINFORCING BAR SPLICES FOR DEFORMED BARS: COLUMNS – COMPRESSION LAP UNLESS NOTED WALLS – CLASS 'B' TENSION SPLICE UNLESS NOTED ALL OTHERS – CLASS 'B' TENSION LAP UNLESS NOTED
- ALL REINFORCING STEEL SHALL BE DEFORMED HARD GRADE BILLET STEEL CONFORMING TO CSA G30.18 GRADE 400.
- WELDED STEEL WIRE FABRIC, PLAIN TYPE CONFORMING TO ASTM A1064/ A1064M-18s IN FLAT SHEETS NOT ROLLED.
- ALL CONCRETE REINFORCEMENT MUST BE PROPERLY CHAIRED WITH APPROVED BAR SUPPORTS.
- PROVIDE CHAIRS, SPACER BARS, SUPPORT BARS AND OTHER ACCESSORIES TO SUPPORT REINFORCING IN ACCORDANCE WITH THE LATEST EDITIONS OF CSA A23.1 AND CSA A23.3. CHAIRS TO BE PLASTIC, PLASTIC TIPPED OR CONCRETE. ALL THE WIRE, CHAIRS AND BAR SUPPORTS USED FOR COATED REINFORCING SHALL BE NON-METALLIC OR PROTECTED WITH ACCEPTABLE COATING.
- CHAIRS SHALL BE SPACES AT 1200mm O.C. MAXIMUM.

MASONRY

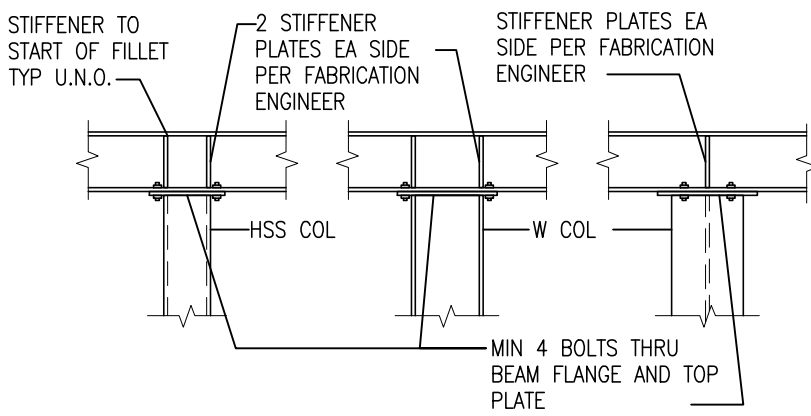
- MASONRY WORK IN ACCORDANCE WITH CAN/CSA A370 AND CAN/CSA A371 EXCEPT WHERE SPECIFIED OTHERWISE.
- ONLY TYPE 'S' MORTAR SHALL BE USED, MINIMUM STRENGTH SHALL BE 12.4 MPa AT 28 DAYS.
- GROUT (PEA GRAVEL) AT BOND BEAMS AND GROUTED HOLLOW BLOCKS TO BE A MINIMUM OF 20MPa COMPRESSIVE STRENGTH AT 28 DAYS. IN ACCORDANCE WITH CAN3-A23.1.
- MORTAR FOR EXPOSED EXTERIOR MASONRY SHALL BE AIR ENTRAINED.
- PROVIDE LATERAL RESTRAINT AT TOP OF NON-LOAD BEARING BLOCK PARTITIONS AS INDICATED ON TYPICAL DETAILS.
- PROVIDE VERTICAL WALL REINFORCING FOR FULL HEIGHT OF LIFT, CONTINUOUS FROM FLOOR TO FLOOR/ROOF, WITH CLASS B LAPS.
- MASONRY WORK SHALL CONFORM TO CAN3-S304 AND ITS REFERENCED DOCUMENTS, INCLUDING:
 - CONCRETE BLOCK TO CSA-A165.1, TYPE H15/A, SEE ARCH. DWGS. FOR FIREWALL REQUIREMENTS UNLESS NOTED OTHERWISE. (BASED ON NET AREA) – H15/C FOR FIREWALL.
 - MORTAR TO CSA-A179M, TYPE 'S' FOR ALL WALLS.
 - GROUT TO CSA-A179-M
 - MASONRY WIRE REINFORCING TO CSA-G30.14.
 - REINFORCING BARS TO CSA-G30.18-M-400 MPa.
 - WELDED REINFORCING BARS TO CSA-G30.18-400 MPa.
 - CONNECTION TO CAN/CSA A370.
 - PRACTICE TO CAN/CSA A371.
- STRUCTURAL DRAWINGS INDICATE ONLY LOAD-BEARING WALLS.
- SUBMIT EVIDENCE OF MORTAR AND GROUT STRENGTH. FIELD CONTROL AND TESTING SHALL COMPLY WITH REQUIREMENTS OF CLAUSE 5 OF CAN3-S304.
- PROVIDE TEMPORARY BRACING OF MASONRY WORK UNTIL PERMANENT LATERAL SUPPORT IS IN PLACE.
- PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS. SEE LINTEL SCHEDULE FOR REQUIREMENTS.
- REFER TO TYPICAL DETAILS FOR BOND BEAM AND BEARING REQUIREMENTS AT FLOORS AND ROOFS.
- MINIMUM STANDARD LAP LENGTH: WIRE REINF. – 200mm (8")
10M BARS – 400mm (16")
15M BARS – 600mm (24")
20M BARS – 800mm (32")
- UNLESS NOTED OTHERWISE, PROVIDE 2-15M VERTICAL BARS FULL HEIGHT AT:
 - UNSUPPORTED ENDS OF WALLS
 - EACH SIDE OF CONTROL JOINTS
- PROVIDE CLEANOUT PORT AT BOTTOM OF EACH GROUTED CORE WHEN REQUIRED BY ENGINEER. DO NOT CLOSE PORT OR PLACE GROUT UNTIL CORE AND STEEL HAVE BEEN INSPECTED.
- FILL CELLS CONTAINING VERTICAL REINFORCING AND BOLTS WITH GROUT VIBRATE OR PUDDLE TO FILL CELLS COMPLETELY.
- FILL CELLS IN 1500mm (60") LIFTS MAXIMUM OR BETWEEN BOND BEAMS, WHICHEVER IS LESS, UNLESS SPECIAL PROVISIONS ARE MADE TO ENSURE FULL GROUT COLUMNS HAVE BEEN MADE TO THE SATISFACTION OF THE ENGINEER.
- CONCRETE JOINTS SHALL BE INSTALLED AT MAXIMUM SPACING OF 600mm (20"-0"), IF NOT OTHERWISE SHOWN ON ARCHITECTURAL DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FILL BLOCK CORES UNDER ALL BEAMS, JOISTS AND OTHER CONCENTRATED POINT LOADS WITH CONCRETE GROUT. GROUT SHALL EXTEND A MINIMUM OF 600mm (24") BELOW LOAD.
- CONCRETE JOINTS AND EXPANSION JOINTS SHALL BE CONTINUED THROUGH BOND BEAMS IF NOT OTHERWISE SHOWN.
- DO NOT CAST SLAB MORE THAN 30 METERS IN LENGTH IN EITHER DIRECTION. PLACE SLAB IN STRIP PATTERN. KEY CONSTRUCTION JOINTS AS DETAILED.
- MAINTAIN MINIMUM SPECIFIED THICKNESS AT ALL DEPRESSIONS AND CHANGES IN ELEVATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATION OF ALL FINISHES, DEPRESSIONS AND SLOPES.
- WELDED WIRE MESH REINFORCING IN SLABS ON GRADE MUST BE PROPERLY CHAIRED. LIFTING OF THE WIRE MESH DURING POURS WILL NOT BE ACCEPTED.

CONCRETE BLOCK MASONRY COMPRESSIVE STRENGTH (MPa)			
LOCATION	NET	GROSS (f'm) FOR HOLLOW BLOCK	GROSS (f'm) FOR SOLID OR GROUTED BLOCK
TYP. ALL CONCRETE BLOCK	15	9.8	7.5

- POCKETS FOR STEEL BEAMS AND JOISTS SHALL BE GROUTED SOLID AND THE WALL MADE GOOD AFTER

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL HSS AND W SECTIONS TO BE G40.21M-350W CLASS C. ALL OTHERS TO BE G40.21M-300W.
- DESIGN FORCES INDICATED ON DRAWINGS FOR STRUCTURAL STEEL WORK ARE UN-FACTORED FORCES UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS TO BE DESIGNED BY FABRICATOR UNLESS NOTED OTHERWISE. ALL BEAM CONNECTIONS TO BE STANDARD SHEAR CONNECTIONS IN COMPLIANCE WITH CISC, UNLESS NOTED OTHERWISE.
- FABRICATOR'S ENGINEER MUST BE LICENSED IN THE PROVINCE OF ONTARIO.
- ALL ERECTION BOLTS SHALL BE ASTM GRADE A325 MINIMUM AND SHALL BE DESIGNED BY STEEL FABRICATOR'S ENGINEER FOR TRANSFER OF ALL LOADS.
- BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF TWO BOLTS IN EACH CONNECTION PIECE AND DESIGNED AS BEARING CONNECTIONS U.N.O.
- UNLESS NOTED OTHERWISE, WHERE BEAMS FRAME OVER COLUMNS, PROVIDE FULL HEIGHT, FULL WIDTH STIFFENER PLATES ON EACH SIDE OVER COLUMN AS SHOWN BELOW.



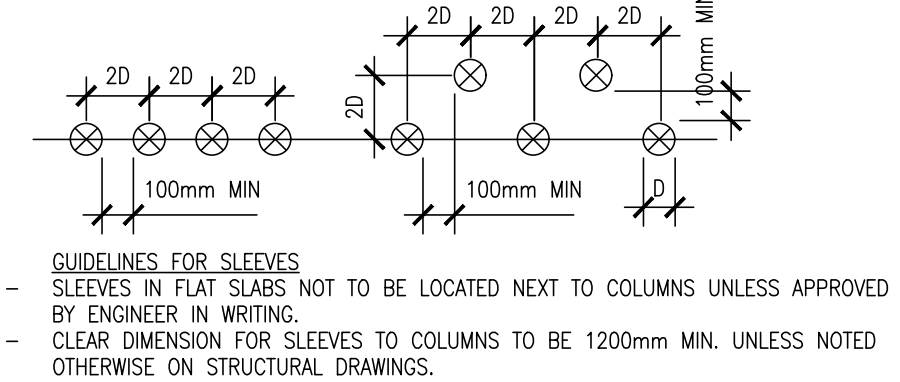
- FABRICATOR'S ENGINEER SHALL DESIGN TOP PLATES AND THEIR CONNECTIONS TO FULLY TRANSFER VERTICAL AND HORIZONTAL LOADS AS WELL AS MOMENTS WHEN REQUIRED PER CISC STANDARDS.
- FABRICATION, ERECTION AND WORKMANSHIP SHALL CONFORM TO CSA S16.1.
- ALL WELDING SHALL CONFORM TO CSA W59 AND SHALL BE PERFORMED BY A WELDER QUALIFIED UNDER CSA W47.
- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP APPLIED COAT OF PRIMER. SPOT PRIME ALL WELDED AREAS.
- REMOVE PAINT FILM FROM ALL STEEL SURFACES TO BE WELDED. SPOT PRIME AS REQUIRED.
- ALL WELDED CONNECTIONS SHALL BE WITH CSA W48 SERIES ELECTRODES.
- PROVIDE DRAINAGE HOLES TO ARCHITECT'S APPROVAL IN ALL EXPOSED EXTERIOR HSS FRAMING.
- PROVIDE CAP PLATES ON ALL HSS FRAMING MEMBERS UNLESS NOTED OTHERWISE.
- DO NOT CUT OR CORE ANY OPENINGS IN ANY STRUCTURAL STEEL MEMBERS WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
- WHERE A STRUCTURAL STEEL SHAPE SHOWN ON THE DRAWINGS IS UNAVAILABLE, A SHAPE OF EQUAL OR GREATER STRENGTH AND STRUCTURAL CAPACITY SHALL BE SUBSTITUTED, UPON APPROVAL BY OWNER AND CONSULTANT AT NO EXTRA COST.
- ALL EXPOSED STEEL SHALL BE HOT DIP GALVANIZED.

CONDUITS, PIPES AND SLEEVES EMBEDDED IN CONCRETE

SEE ALSO CSA-A23.1 – CLAUSE 13.5

EXCEPT WHEN APPROVED BY THE STRUCTURAL ENGINEER, PIPES, CONDUITS, AND SLEEVES EMBEDDED IN CONCRETE SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:

- GENERAL
- NOT WITHSTANDING THE SATISFYING OF THESE GUIDELINES, THE CONDUIT, SLEEVES, PIPES, ETC. SHALL NOT IMPAIR THE STRUCTURAL STRENGTH AND SHALL BE MOVED IF SO DIRECTED BY THE STRUCTURAL ENGINEER.
- CENTRELINE SPACING TO BE NOT LESS THAN 3 DIAMETERS – UNLESS NOTED OTHERWISE.
- CENTRELINE SPACING BETWEEN PARALLEL CONDUIT AND REINFORCING BARS TO BE 3 DIAMETERS – UNLESS NOTED OTHERWISE.
- ADD REINFORCING AT POINTS OF CONGESTION AS DIRECTED BY STRUCTURAL ENGINEER.
- FOR SLABS – CONDUITS IN THE PLANE OF THE SLAB.
- LOCATE BETWEEN TOP AND BOTTOM REINFORCING.
- MAXIMUM SIZE IN ONE LAYER TO BE NOT MORE THAN 1/4 CONCRETE THICKNESS.
- THREE LAYERS OR MORE CROSSING WILL NOT BE PERMITTED.
- FOR COLUMNS – ELECTRICAL BOXES, CONDUIT, SLEEVES OR EMBEDDED PIPES ARE NOT ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- FOR BEAMS – THE TOTAL MAXIMUM SIZE OF HORIZONTAL CONDUIT PARALLEL TO THE BEAM NOT TO EXCEED 4% OF THE AREA. NO SLEEVES THRU ANY BEAMS OR SLAB BARS UNLESS APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- FOR SHEAR WALLS – ELECTRICAL BOXES, CONDUIT, SLEEVES OR EMBEDDED PIPES ARE NOT ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- FOR NON-SHEAR WALLS – CONDUIT, SLEEVES OR EMBEDDED PIPES:
 - MAX. DIAMETER = 1/4 WALL THICKNESS.
 - NO HORIZONTAL RUNS PERMITTED.
 - VERTICAL RUNS TO HAVE MINIMUM 50mm CONCRETE COVER AND SHALL HAVE A MINIMUM CLEAR SPACING OF 4 DIAMETERS.
- SPACING OF SLEEVES THROUGH FLAT SLABS TO BE NOT LESS THAN THE FOLLOWING:



TEMPORARY WORKS

- THE CONTRACTOR SHALL DESIGN, PROVIDE, ERECT, MAINTAIN REMOVE AND ASSUME FULL AND SOLE RESPONSIBILITY FOR ALL TEMPORARY WORKS REQUIRED FOR THE SAFE AND COMPLETE EXECUTION OF THE WORKS.
- IN THE EXECUTION OF THE TEMPORARY WORKS AND FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR ALL LIKELY CONSTRUCTION LOADING AND PROVIDE SUFFICIENT BRACING AND PROPS TO KEEP THE WORKS IN PLUMB AND ALIGNMENT AND FREE FROM EXCESSIVE DEFLECTION.
- ACCESS OF HEAVY CONSTRUCTION EQUIPMENT AND ACCUMULATION OF CONSTRUCTION MATERIALS ON THE FLOORS ARE NOT PERMITTED, UNLESS SUCH HAVE BEEN CATERED FOR IN THE CONTRACTOR'S TEMPORARY WORK DESIGN TO THE SATISFACTION OF THE CONSULTANT.
- SUBMIT SHOP DRAWINGS FOR ALL TEMPORARY WORKS FOR REVIEW BEFORE FABRICATION COMMENCES. SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO.

INSPECTIONS AND TESTING

- THE FOLLOWING ITEMS SHALL BE INSPECTED OR TESTED BY INDEPENDENT INSPECTION/ TESTING AGENCIES DESIGNATED BY THE CLIENT. MATERIALS AND WORKMANSHIP NOT CONFORMING TO THE SPECIFICATIONS SHALL BE REJECTED BY THE CONTRACTOR. REPORTS AND TEST RESULTS SHALL BE PROMPTLY SUBMITTED TO THE ENGINEER FOR REVIEW. TESTING SHALL INCLUDE BUT NOT BE LIMITED TO:

CONCRETE

- CONCRETE AND GROUT TESTING IN ACCORDANCE WITH CSA A23.2 LATEST EDITION AND THE SPECIFICATIONS, INCLUDING THE REQUIREMENTS OF SLUMP, AIR AND AGE PRIOR TO BEING USED. CONTRACTOR TO KEEP RECORDS OF POUR DATES, TESTING PERFORMED, CLASS OF CONCRETE USED AND TEST RESULTS FOR ALL ITEMS POURED.
- TESTING TO DETERMINE THE IN-SITU STRENGTH OF CONCRETE FOR EARLY FORM REMOVAL PURPOSES WITH THE TYPE OF TEST BEING DETERMINED ON THE ADVICE OF THE TESTING AGENCY. REPAIRS NECESSARY TO THE STRUCTURE AS A RESULT OF THESE TESTS SHALL BE MADE BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- APPROVAL OF CONCRETE AND MORTAR MIX DESIGNS.
- TESTING AS REQUIRED AND SPECIFIED BY THE ENGINEER TO DETERMINE THE IN-SITU STRENGTH OF CONCRETE WHICH FAILS TO MEET THE SPECIFIED REQUIREMENTS OR WHICH, DUE TO APPEARANCE, DAMAGE OR DEFECTS MAY BE DEEMED REJECTABLE. CORES SHALL BE ACQUIRED AND TESTED BY THE DESIGNATED TESTING AGENCY BUT ANY REPAIRS NECESSARY TO THE STRUCTURE AS A RESULT OF THESE TESTS SHALL BE PERFORMED AT NO COST TO THE OWNER.

ENGINEERED MASONRY TEST

- TESTS TO VERIFY STRENGTH OF GROUT AND MORTAR.

STRUCTURAL STEEL

- VISUAL INSPECTION OF ALL WELDS, TORQUE TESTING OF BOLTED CONNECTIONS AND CHECK ON BEARINGS, PLUMBNESS AND ALIGNMENT OF STEEL STRUCTURES.
- NON-DESTRUCTIVE TESTING TO VERIFY THE QUALITY OF WELDING, WHERE DEEMED QUESTIONABLE BY VISIBLE DEFECTS OR WHERE REQUIRED BY THE ENGINEER.

REINFORCING STEEL

- CONTRACTOR SHALL ADVISE BARRY BRYAN ASSOCIATES (1991)LTD. OF REQUIRED REINFORCING STEEL INSPECTIONS AT LEAST 24 HOURS PRIOR TO CLOSING OF COLUMN OR WALL FORMS AND 24 HOURS PRIOR TO PLACING OF CONCRETE IN SLABS, FOOTINGS, ETC.

SHOP DRAWINGS AND SUBMITTALS

GENERAL

- REPRODUCTIONS OF THE STRUCTURAL DRAWINGS SHALL NOT BE ACCEPTED AS SHOP DRAWINGS. "PROFESSIONAL ENGINEER" IN THE FOLLOWING PARAGRAPHS SHALL BE REGISTERED AND LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.
- REVIEW OF DRAWINGS APPLIES TO GENERAL ARRANGEMENT ONLY FOR THE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF DETAIL DESIGN OR QUANTITIES IN SUBMITTED DRAWINGS, NOR DOES IT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR MAKING THE WORK COMPLETE, ACCURATE AND IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS. ALLOW 10 WORKING DAYS FOR SHOP DRAWING REVIEW.
- DO NOT FABRICATE MATERIALS BASED ON REJECTED OR DISAPPROVED SHOP DRAWINGS.
- SHOP DRAWING SUBMITTALS SHALL ALSO INCLUDE STAIR DETAILS, GUARDRAILS, WITH GUARD RAIL LOADING WHICH SHALL BE SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH N.B.C. SECTIONS 2.3.4.4 AND 2.3.4.5 LATEST EDITIONS.

REINFORCED CONCRETE

- SUBMIT FOR REVIEW 2 COPIES AND 1 SET OF REINFORCEMENT PLACING DRAWINGS AND BARLISTS FOR EVERY PORTION OF THE STRUCTURE. SHOW WALLS IN FULL ELEVATION. SHOW SLABS WITH REINFORCING STEEL CALLED UP DIRECTLY ON PLAN.
- PROVIDE DETAILS OF DESIGN AND CONSTRUCTION OF FORMS AND FALSEWORK, SHORING AND RESHORING AND ANY SPECIAL REQUIREMENTS FOR STRIPPING OF FORMWORK. ALL SUCH DESIGN SHEETS SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER.
- SUBMIT FOR REVIEW ALL PROPOSED CONCRETE MIX DESIGNS. SUBMIT AT LEAST 15 WORKING DAYS PRIOR TO START OF WORK.
- SUBMIT FOR REVIEW DRAWINGS OF ALL PROPOSED CONSTRUCTION JOINTS LOCATIONS, AND LAYOUT DRAWINGS OF CONCRETE ISOLATION AND HOUSEKEEPING PADS.
- REGULARLY SUBMIT REPORTS OF ALL CONCRETE TESTING AS SOON AFTER TESTING IS COMPLETED AS POSSIBLE.

MASONRY

- SUBMIT EVIDENCE OF MORTAR AND GROUT STRENGTH.

STRUCTURAL STEEL AND STEEL DECK

- SUBMIT WITH SHOP DRAWINGS: DECKING PLAN, PROFILE, DIMENSIONS, CORE THICKNESS, CONNECTIONS TO SUPPORTS, REQUIRED BEARINGS, CLOSURES AND ACCESSORIES.
- SUBMIT FOR REVIEW DIGITAL COPIES OF ERECTION DRAWINGS FOR ALL STRUCTURAL STEEL ELEMENTS. ALL CONNECTIONS SHALL BE DESIGNED AND THE DRAWINGS STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.
- SHOP DRAWING SUBMITTALS SHALL INCLUDE STEEL BEAM CONNECTIONS ALONG WITH DESIGN CALCULATIONS. JOIST CALCULATIONS SHALL BE SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH N.B.C. SECTIONS 2.3.4.4 AND 2.3.4.5.

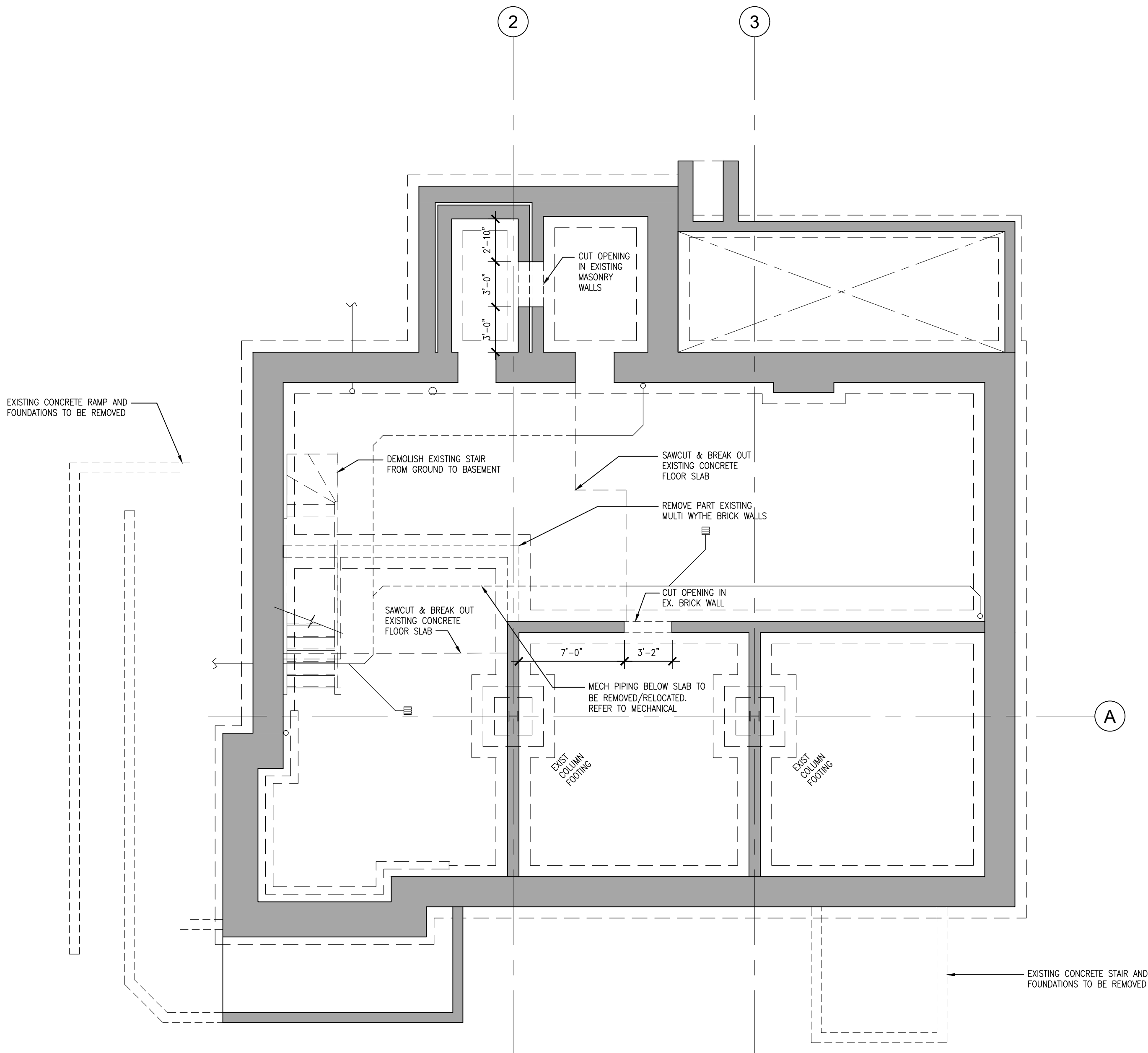
RECORD DRAWINGS

- GENERAL CONTRACTOR SHALL MAINTAIN TWO SETS OF RECORD DRAWINGS WHICH SHOW AS-BUILT DETAILS OF ALL ASPECTS OF THE STRUCTURE, FOR REVIEW DURING CONSTRUCTION AND FOR SUBMISSION AT THE END OF THE PROJECT.

ABBREVIATIONS

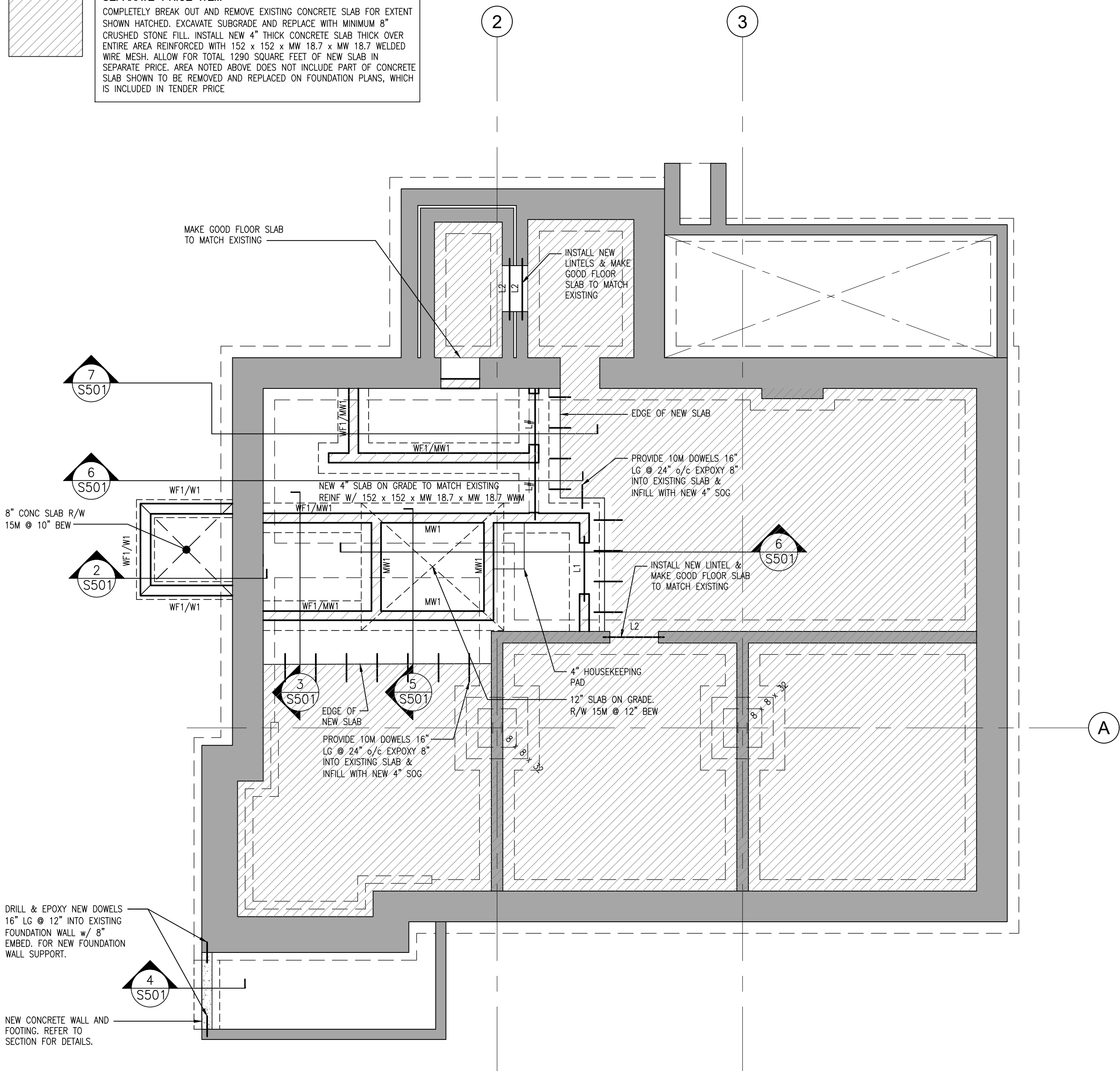
STEEL MOMENT CONNECTION

	DISTANCE TO TOP OF BEAM OR FOOTING FROM DATUM ELEVATION OF FLOOR OR ROOF
	DISTANCE TO TOP OF SLAB FROM FLOOR ELEVATION
	DENOTES COMPOSITE STEEL BEAM
	DIRECTION OF SLOPE
	SHORING LOAD IN kN
	ANCHOR BOLT
	FACTORED AXIAL LOAD (kN).
	INDICATES TENSION.
	INDICATES COMPRESSION
	ALTERNATE ARCHITECTURAL BOTTOM
	CAMBER IN 'x' mm
	COLUMN BRACE
	CENTRE TO CENTRE
	FACTORED COMPRESSION (kN)
	CONTROL JOINT
	CONNECTION
	CONTINUOUS CENTERLINE
	COMPLETE WITH (INCLUDING)
	COLUMN
	CONCRETE
	CONTINUOUS DIAGONAL BRACE
	DETAIL
	DIAMETER
	DIAGONAL DIMENSION
	DEAD LOAD (kN/m2)
	DOWN
	DITTO
	DRAWING
	DOWEL
	EACH
	EPHOXY COATED REINFORCEMENT
	EACH END
	EACH FACE
	ELECTRICAL
	ELEVATION
	EQUAL
	EACH WAY
	EXISTING
	EXPANSION JOINT
	EXTERIOR
	FLOOR DRAIN
	FOUNDATION
	FAR FACE
	FINISHED
	FLOOR
	FOOTING
	GALVANIZED
	GROUND
	HIGH BEAM
	HOLLOW CORE CONCRETE SLAB
	HEAVY DUTY MASONRY REINFORCEMENT
	HOOKED REINFORCEMENT
	HORIZONTAL
	HORIZONTAL SLOTTED CONNECTION
	HOLLOW STRUCTURAL SECTION
	HORIZONTAL AND VERTICAL
	INSIDE FACE
	INCLUDING
	INTERIOR
	STEEL ANGLE
	LOW BEAM
	LONG
	LIVE LOAD (kN/m2)
	LOWER LAYER
	LONG LEG HORIZONTAL
	LONG LEG VERTICAL
	MAXIMUM
	MOMENT CONNECTION TO HAVE FACTORED MOMENT
	CAPACITY
	MECHANICAL
	MEZZANINE



2
S201
FOUNDATION PLAN - EXISTING
3/16" = 1'-0"

SEPARATE PRICE ITEM
COMPLETELY BREAK OUT AND REMOVE EXISTING CONCRETE SLAB FOR EXTENT SHOWN HATCHED. EXCAVATE SUBGRADE AND REPLACE WITH MINIMUM 8" CRUSHED STONE FILL. INSTALL NEW 4" THICK CONCRETE SLAB THICK OVER ENTIRE AREA REINFORCED WITH 152 x 152 x MW 18.7 x MW 18.7 WELDED WIRE MESH ALLOW FOR TOTAL 1200 SQUARE FEET OF NEW SLAB IN SEPARATE PRICE. AREA NOTED ABOVE DOES NOT INCLUDE PART OF CONCRETE SLAB SHOWN TO BE REMOVED AND REPLACED ON FOUNDATION PLANS, WHICH IS INCLUDED IN TENDER PRICE.



1
S201
FOUNDATION PLAN
3/16" = 1'-0"

FOUNDATION PLAN NOTES

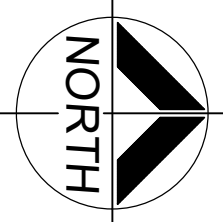
1. FINISHED GROUND FLOOR IS AT GEODETIC ELEVATION 00.00 EXCEPT AS CROSSED AND NOTED. ELEVATIONS FOR AREAS CROSSED AND NOTED ARE TO BE READ FROM THE FINISHED FLOOR ELEVATION UNLESS OTHERWISE NOTED.
2. ALL FOOTINGS SHALL BE CENTERED UNDER PIERS, WALLS AND/OR COLUMNS EXCEPT AS NOTED ON PLAN.
3. SEE ARCHITECTURAL DRAWINGS FOR SLOPED AND DRAINS. MAINTAIN SLAB THICKNESS SHOWN.
4. ALL FOOTINGS SHALL EXTENDED TO OR BELOW SOUND BEARING STRATUM AS APPROVED BY GEOTECHNICAL ENGINEER. REFER TO PLAN FOR ULS AND BEARING CAPACITIES. GEOTECHNICAL ENGINEER SHALL APPROVE BEARING CONDITIONS ON SITE AND CONTRACTOR MUST REPORT ANY DOUBTFUL BEARING CONDITIONS.
5. VERIFY EXISTING FOOTING ELEVATIONS AND SITE SERVICES PRIOR TO PROCEEDING WITH WORK. NOTIFY CONSULTANTS OF ANY DISCREPANCIES. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. LOWER FOOTINGS TO ACCOMMODATE NEW AND/OR EXISTING FOOTINGS, MECHANICAL AND ELECTRICAL SERVICES. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ELEVATIONS OF SAME. FOOTINGS ARE NOT TO BE UNDERMINED BY EXCAVATION FOR SERVICES, PITS, ETC.
7. PROTECT ALL EXISTING SUB GRADE SERVICES DURING INSTALLATION OF FOUNDATIONS.
8. REFER TO GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
9. PROVIDE DOWELS IN THE FOOTINGS TO MATCH ALL VERTICAL WALL REINFORCEMENT.
10. SDF DENOTES STEP DOWN FOOTINGS. REFER TO TYPICAL DETAILS.
11. REMOVE ALL TOPSOIL, LOOSE AND WET SOILS AND ORGANICS TO SUITABLE NATIVE SUB-GRADE MATERIAL AS APPROVED BY GEOTECHNICAL ENGINEER. THE EXISTING SUB-GRADE MUST BE PROOF ROLLED AND COMPACTED PRIOR TO BACKFILLING.

DO NOT SCALE THE DRAWINGS.
CHECK AND VERIFY ALL DIMENSIONS AT THE SITE.
ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE
COPYRIGHT PROPERTY OF THE CONSULTANT AND MUST BE RETURNED
UPON REQUEST. REPRODUCTION OF DRAWINGS IN PART OR WHOLE
WITHOUT THE PERMISSION OF THE CONSULTANT IS FORBIDDEN.
DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED
AND SEALED BY THE CONSULTANT.



NO.	ISSUES	DATE	BY
1	ISSUED FOR PERMIT & TENDER	JULY 15/22	BBA

NO.	REVISIONS	DATE	BY

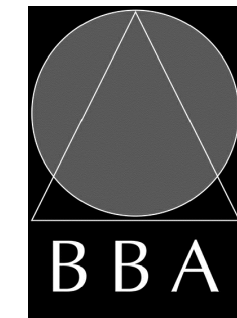


PROJECT:
**Accessibility Renovations
- former Lakefield Post Office**

12 QUEEN STREET,
LAKEFIELD ONTARIO

TOWNSHIP OF SELWYN

DRAWING:
FOUNDATION PLANS



**BARRY BRYAN
ASSOCIATES**

Architects
Engineers
Project Managers
250 Water Street
Suite 201
Whitby Ontario
L1N 0G5
Tel: (905) 666-5252
Fax: (905) 666-5256
e-mail: bba@bba-archeng.com



DESIGN BY: BBA	DOC. CONTROL: DATE:
DRAWN BY: KM/CE	% COMPLETE:
CHECKED BY: DM	INITIAL:
DATE: MAY 2022	
SCALE: 3/16" = 1'-0"	
FILE:	

PROJECT NO: 19152	DRAWING NO: S201
-----------------------------	----------------------------

ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE CONSULTANT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS IN PART OR WHOLE WITHOUT THE PERMISSION OF THE CONSULTANT IS FORBIDDEN.

DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED AND SEALED BY THE CONSULTANT.



1	ISSUED FOR PERMIT & TENDER	JULY 15/22	BBA
---	----------------------------	---------------	-----

--	--	--	--


NO	REVISIONS	DATE	BY
----	-----------	------	----

--	--	--	--



12 QUEEN STREET,
LAKEFIELD ONTARIO

DRAWING:



250 Water Street
Suite 201
Whitby Ontario
L1N 0G5

Tel: (905) 666-5252
Fax: (905) 666-5256
e-mail: bba@bba-archeng.com

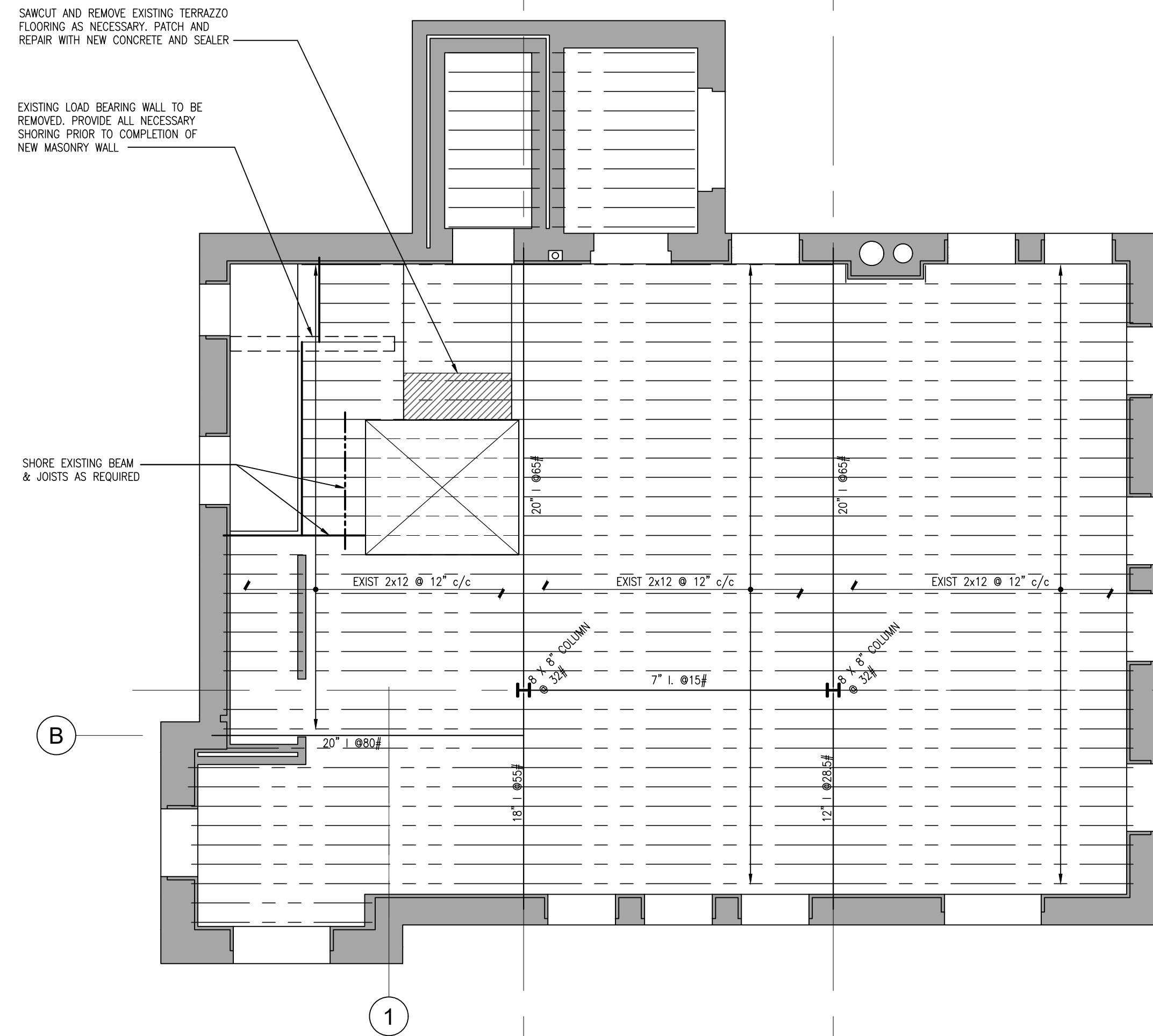
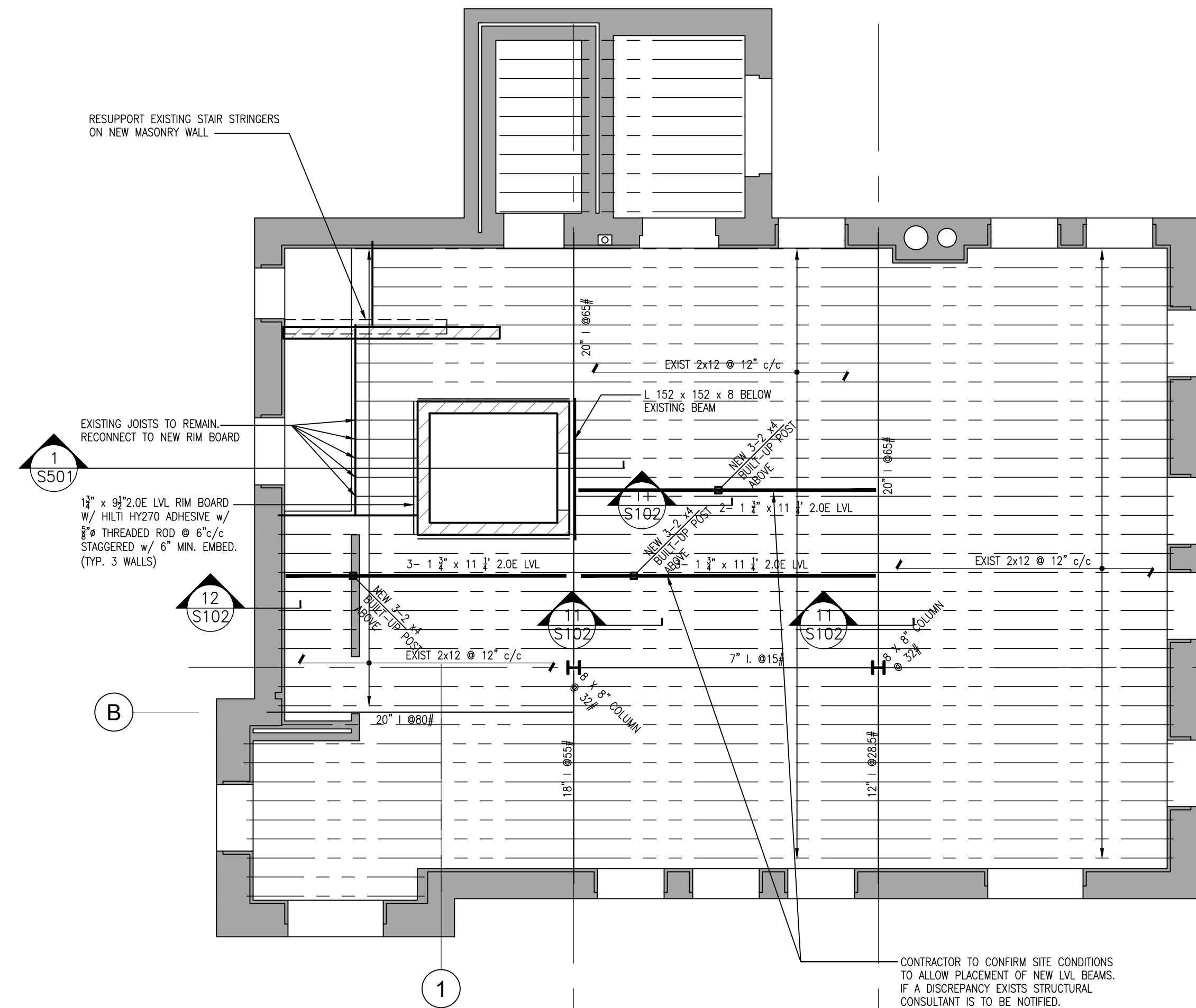
DATE: MAY 2022

FILE:

PROJECT NO:	DRAWING NO:
-------------	-------------

S202




$$3/16'' = 1'-0''$$

$$3/16" = 1'-0"$$

Township of
Selwyn
Naturally Great.

12 QUEEN STREET,
LAKEFIELD ONTARIO

DRAWING:
SECOND FLOOR
FRAMING PLANS



PROJECT NO.

FILE:

DRAWING NO.

10150

52

19152

S203

DO NOT SCALE THE DRAWINGS
CHECK AND VERIFY ALL DIMENSIONS AT THE SITE.

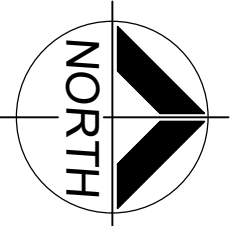
ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE
COPYRIGHT PROPERTY OF THE CONSULTANT AND MUST BE RETURNED
UPON REQUEST. REPRODUCTION OF DRAWINGS IN PART OR WHOLE
WITHOUT THE PERMISSION OF THE CONSULTANT IS FORBIDDEN.

DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED
AND SEALED BY THE CONSULTANT.



NO.	ISSUES	DATE	BY
1	ISSUED FOR PERMIT & TENDER	JULY 15/22	BBA

NO.	REVISIONS	DATE	BY
-----	-----------	------	----



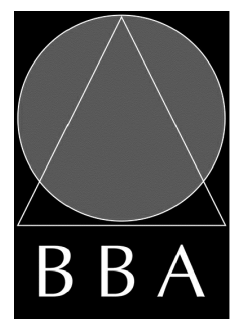
PROJECT:

**Accessibility Renovations
- former Lakefield Post Office**

12 QUEEN STREET,
LAKEFIELD ONTARIO

TOWNSHIP OF SELWYN

DRAWING:
ATTIC FRAMING PLAN



BARRY BRYAN
ASSOCIATES

Architects
Engineers
Project Managers

250 Water Street
Suite 201
Whitby Ontario
L1N 0G5

Tel: (905) 666-5252
Fax: (905) 666-5256
e-mail: bba@bba-archeng.com



DESIGN BY:	DOC. CONTROL:
	DATE:

DRAWN BY:	% COMPLETE:
KM/CE	

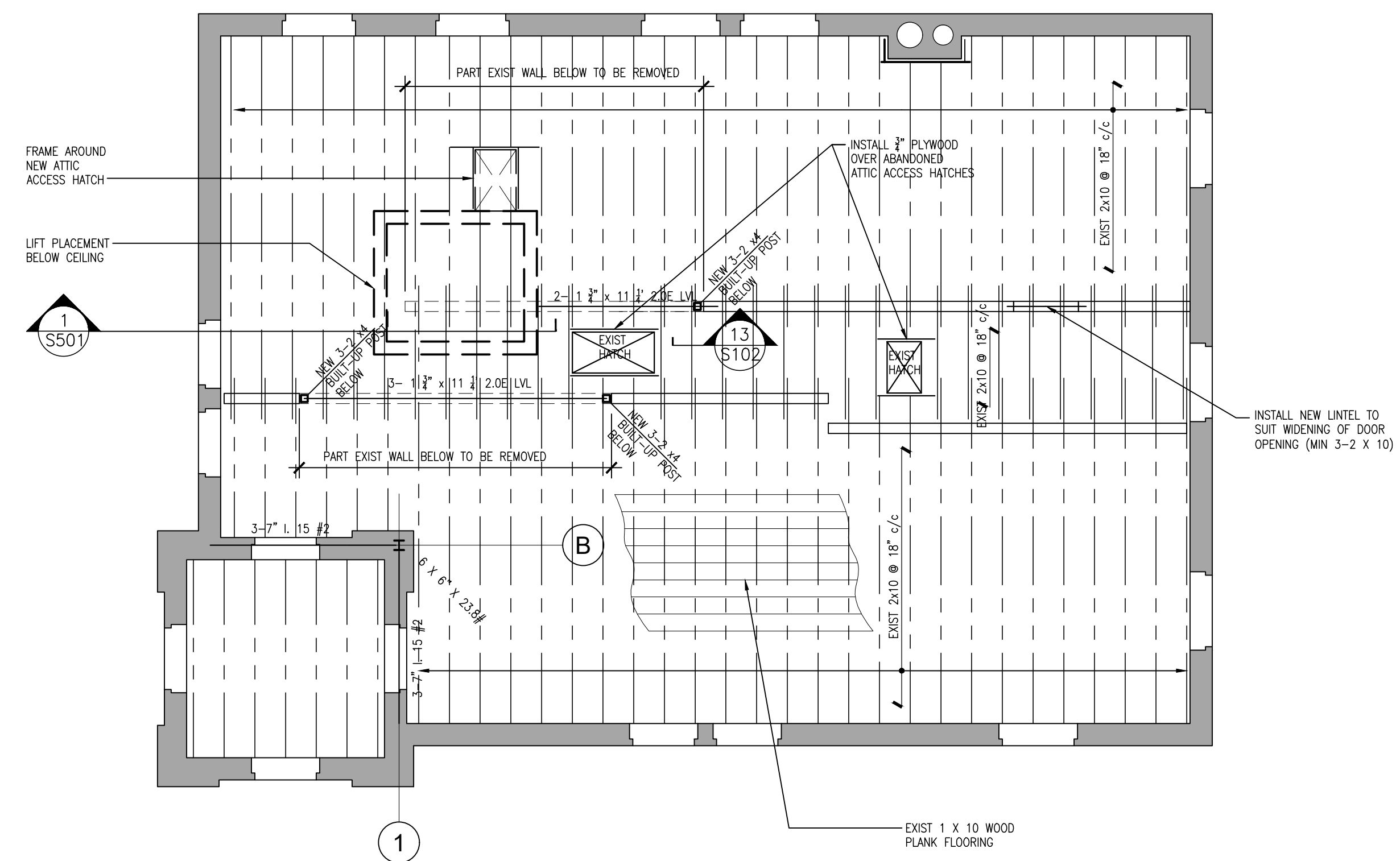
CHECKED BY:	INITIAL:
DB	

DATE:
MAY 2022

SCALE:
3/16"=1'-0"

FILE:

PROJECT NO: 19152	DRAWING NO: S204
-----------------------------	----------------------------

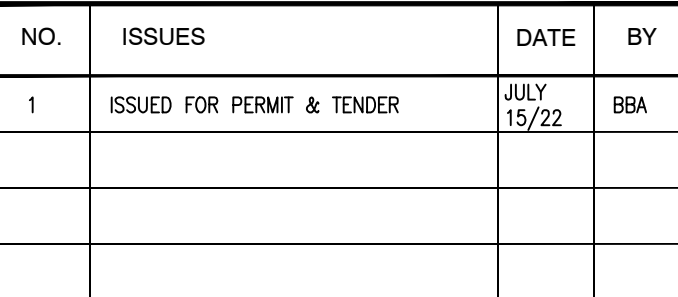


1
S204

ATTIC FRAMING PLAN

3/16" = 1'-0"

ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE CONSULTANT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS IN PART OR WHOLE WITHOUT THE PERMISSION OF THE CONSULTANT IS FORBIDDEN.

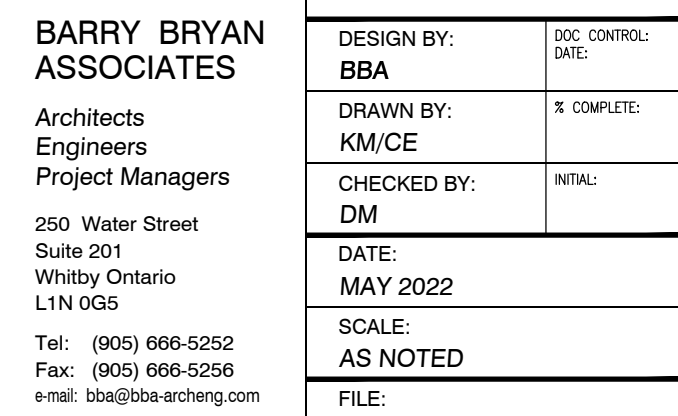


NO.	REVISIONS	DATE	BY



TOWNSHIP OF SELWYN

DRAWING:
DETAILS



PROJECT NO: 19152	DRAWING NO: S501
-----------------------------	----------------------------

