BASIS FOR DESIGN GOVERNING BUILDING CODE NATIONAL BUILDING CODE 2019 ALBERTA EDITION DRUMHELLER, ALBERTA PROJECT LOCATION: **GRAVITY DESIGN** SNOW LOAD DESIGN GROUND SNOW LOAD (Ss 1/50): . 1.2 kPa ASSOCIATED RAIN LOAD (Sr): . 0.1 kPa IMPORTANCE CATEGORY: . NORMAL IMPORTANCE FACTOR (Iw): SEISMIC LOAD DESIGN IMPORTANCE CATEGORY: . NORMAL IMPORTANCE FACTOR (Ie): Sa(0.5): . 0..077 Sa(1.0): . 0.048

WIND LOAD DESIGN HOURLY WIND PRESSURE (q 1/50): . . 0.44 kPa EXPOSURE CATEGORY: . ROUGH IMPORTANCE CATEGORY . PNORMAL IMPORTANCE FACTOR (Iw): . 1.0

FOUNDATION DESIGN

Sa(2.0):

Sa(5.0):

PGA:

Sa(10.0):

SITE CLASS:

NO SOIL REPORT WAS PROVIDED FOR THIS PROPERTY. FOUNDATION DESIGN IS BASED ON GEOTECHNICAL INVESTIGATION OF THE PROPOSED DRUMHELLER CURLING CLUB LOCATED ACROSS THE

. 0.026

. 0.008

. 0.0037

. 0.075

. 0.055

REINFORCING STEEL

- 1. REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE W/ CAN/CSA 23.3-04 AND THE LATEST EDITION RSIC's MANUAL OF STANDARD PRACTICE.
- 2. REINFORCING STEEL SHALL CONFORM TO CAN/CSA G30.18-M92 GRADE 400 MPa AND 400W (FOR ALL REINFORCING TO BE WELDED) AND SHALL BE DEFORMED BARS UNO.
- 3. WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF CAN/CSA G30.5-M1983 FOR SMOOTH WIRE FABRIC AND CAN/CSA G30.15-M1983 FOR DEFORMED WIRE FABRIC. LAPS SHALL BE MADE SUCH THAT THE OVERLAP, MEASURED BETWEEN OUTERMOST CROSS WIRE OF EACH FABRIC SHEET, IS NOT LESS THAN THE SPACING OF CROSS WIRES PLUS 50mm (2").
- 4. ALL DIMENSIONS SHOWING THE LOCATION OF REINFORCING STEEL NOT NOTED AS "CLEAR" OR "CLR" ARE TO CENTER OF STEEL. CLEAR COVER SHALL BE AS NOTED BELOW, UNO ON PLANS OR DETAILS.

EXPOSURE CONDITION: CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH

EXPOSED TO EARTH OR WEATHER (INCLUDES SLABS ON GRADE) 15M AND SMALLER

20M AND LARGER

38mm (1-1/2") 50mm (2")

NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH STRUCTURAL WALLS, SLABS, AND JOISTS

35M AND SMALLER 19mm (3/4") BEAM AND COLUMN PRIMARY REINF., TIES, STIRRUPS, AND SPIRALS 35M AND SMALLER 38mm (1-1/2")

5. LAP SPLICES OF REINFORCING STEEL IN CONCRETE BEAMS, SLABS AND FOOTINGS SHALL BE ACCORDING TO CAN/CSA A23.3 OR LAP SCHEDULE BELOW UNO STAGGER SPLICES A MIN OF ONE LAP LENGTH. NO TACK WELDING OF REINFORCING BARS ALLOWED. BENT CORNER BARS TO MATCH AND LAP W/ HORIZONTAL BARS AT ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS WHERE PROVIDED. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES, SPLICE TOP BARS AT CENTER LINE OF SPAN AND BOTTOM BARS AT THE SUPPORT IN SPANDRELS, BEAMS, GRADE BEAMS, ETC, UNO.

REBAR LAP SCHEDULE:

BAR SIZE:	LAP
10M	400mm (16"
15M	600mm (24"
20M	800mm (32"
25M	1000mm (40

- 6. MECHANICAL SPLICE COUPLERS MAY BE USED AS AN ALTERNATE TO LAP SPLICES. COUPLERS SHALL HAVE CURRENT CSA APPROVAL AND SHALL BE CAPABLE OF DEVELOPING 125% OF THE BAR STRENGTH.
- WELDING OF REINFORCING BARS, METAL INSERTS, AND CONNECTIONS SHALL CONFORM TO CAN/CSA W186-M1990 AND SHALL BE MADE ONLY AT LOCATIONS SHOWN ON PLANS OR DETAILS. ALL REINFORCING SHALL BE BENT COLD. BARS SHALL ONLY BE BENT
- 8. REINFORCING BAR SPACING SHOWN ON PLANS ARE MAX ON CENTERS DOWEL ALL VERTICAL REINFORCING INTO FOLINDATION SECURELY TIE ALL BARS IN LOCATION PRIOR TO CONCRETE
- 9. FOUNDING SURFACE BELOW FOOTINGS SHALL BE INSPECTED BY A GEOTECHNICAL ENGINEER TO VERIFY THE ALLOWABLE SOIL BEARING

FOUNDATION

- 1. REFER TO FOUNDATION PLANS FOR ADDITIONAL NOTES.
- 2. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER TO CONFIRM REQUIREMENTS RELATED TO: - EXCAVATION
- SITE PREPARATION - BACKFILL MATERIAL
- COMPACTION REQUIREMENTS - FOUNDING ELEVATION
- ALL SITE PREPARATION, GRADING, COMPACTION TESTS, INSPECTIONS, ETC. SHALL BE FOLLOWED AND COMPLETED PRIOR TO ANY CONCRETE PLACEMENT
- 4. ALL FILL AND BACKFILL BEING USED FOR SLABS OR OTHER STRUCTURAL APPLICATION SHALL BE TESTED FOR SUITABILITY BY A GEOTECHNICAL
- 5. NO BACKFILL CONTAINING STONES OVER 76mm (3"), FROZEN MATERIAL, DEBRIS, OR ORGANIC MATTER WILL BE PERMITTED.
- 6. DO NOT EXCAVATE FOR FOOTINGS BELOW A LINE INCLINED DOWN 30 DEGREES FROM NEARBY FOOTINGS UNLESS THE EXCAVATION IS ADEQUATELY BRACED OR APPROVED BY THE ENGINEER.

CONCRETE

- ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE.
- 2. CONTRACTOR SHALL COORDINATE WITH WORK OF ALL OTHER TRADES AND WHERE REQUIRED INSTALL ALL BUILT-IN WORK, SLEEVES, INSERTS, ETC. AS
- 3. CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED LABORATORY AND APPROVED BY THE ENGINEER OF RECORD.
- 4. PORTLAND CEMENT SHALL CONFORM TO CAN/CSA A23.1, 23.2 AND 23.3.
- 5. NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT, UNLESS APPROVED BY THE ENGINEER OR AUTHORIZED TESTING AGENCY
- 6. CONCRETE BATCHING, MIXING, TRANSPORTATION AND PLACEMENT SHALL BE PER CAN/CSA A23.1 OR A23.4 AS APPLICABLE.
- 7. CONCRETE CONSOLIDATION SHALL BE PER CAN/CSA A23.1 OR A23.4.
- 8. FORM WORK SHALL BE PER CAN/CSA A23.1 OR A23.4 AS APPLICABLE.
- 9. REMOVE ALL DEBRIS FROM FORMS, REINFORCING STEEL AND OTHER EMBEDDED ITEMS PRIOR TO PLACING CONCRETE. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (WALLS OR COLUMNS) SO AS TO CAUSE A SEGREGATION OF AGGREGATES. UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 5 FEET. CARE SHALL BE TAKEN IN PLACING SLABS ON GRADE SO FILL MATERIAL IS NOT DISTURBED.
- 10. ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING, DOWELS, BOLTS, ANCHORS, PIPES, SLEEVES, ETC., SHALL BE SECURELY POSITIONED IN THE FORMS PRIOR TO PLACING OF CONCRETE.
- 11. CONCRETE SLAB ON GRADE CONTROL JOINTS SHALL BE SAW-CUT CONTROL JOINTS SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED THAT INDICATED IN
- 12. EMBEDDED ITEMS SHALL BE PLACED PER CAN/CSA A23.1 OR A23.4 AS
- 13. PIPE OTHER THAN ELECTRICAL CONDUITS SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY THE ENGINEER. MAX PIPE SIZE SHALL BE 1/3 OF THE SLAB THICKNESS AND LOCATED AT THE MID-DEPTH. MIN SPACING SHALL BE 3 TIMES THE PIPE DIAMETER. PIPES SHALL NOT IMPAIR THE STRENGTH OF THE MEMBER.
- 14. PROTECT CONCRETE FROM DAMAGE OR REDUCED STRENGTH DUE TO COLD OR HOT WEATHER.
- 15. CONTRACTOR SHALL SUBMITT CONCRETE MIX REPORT WITH COMPRESSION TEST RESULTS TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO START OF FOUNDATION CONSTRUCTION. REPRESENTATIVE TEST CYLINDERS SHALL BE TAKEN FROM THE CONCRETE IN ACCORDANCE WITH CONCRETE CSA SPECIFICATIONS. TESTING SHALL BE PERFORMED AT 7 AND 28 DAYS.
- 16. RECOMMENDATION TO CONTROL SLAB ON GRADE OR CONCRETE OVER STEEL DECK CRACKING:
 - A. 38mm (1-1/2") MAX AGGREGATE SIZE
 - B. CAN/CSA A23.1 OR A23.4 AGGREGATE SPECIFICATION TO PROVIDE A WELL GRADED AGGREGATE MIX.
 - C. SLAB ON GRADE TO BE POURED IN STRIPS. CONSTRUCTION OR CONTROL JOINTS SHALL HAVE A SPACING IN EITHER DIRECTION IN ACCORDANCE WITH THE FOLLOWING:

102mm (4") SLAB THICKNESS	5000mm (16'-0
127mm (5") SLAB THICKNESS	5500mm (18'-0
152mm (6") SLAB THICKNESS	6000mm (20'-0
178mm (7") SLAB THICKNESS	6700mm (22'-0
203mm (8") SLAB THICKNESS	7300mm (24'-0
229mm (9") SLAB THICKNESS	8000mm (26'-0
254mm (10") SLAB THICKNESS	8500mm (28'-0
GREATER THAN 254mm (10") SLAB THICKNESS	. 9000mm (30'-0

CONCRETE SCHEDULE							
ELEMENT	EXPOSURE CLASS	CEMENT TYPE	MINIMUM STRENGTH	SLUMP	MAXIMUM AGGREGATE SIZE	W/C RATIO	AIR ENTRAINMENT
PILES, FOOTINGS, FOUNDATION WALLS RETAINING WALLS	S-2	HS	32 MPa @ 28 DAYS	3" (76mm)	3/4" (20mm)	0.45	5% - 8%
GRADE BEAM, PILE CAPS	S-2	HS	35 MPa @ 28 DAYS	3" (76mm)	3/4" (20mm)	0.45	5% - 8%
INTERIOR COLUMNS INTERIOR WALLS STRUCTURAL SLAB	N	GU	32 MPa @ 28 DAYS	2 1/2" (64mm)	3/4" (20mm)	0.50	NOT REQUIRED
SLAB ON GRADE SUMP PITS	S-2	HS	32 MPa @ 28 DAYS	3" (76mm)	3/4" (20mm)	0.45	4% - 7%
STOOPS (STRUCTURAL ON GRADE)	F-1	GU	30 MPa @ 28 DAYS	3" (76mm)	3/4" (20mm)	0.50	5% - 8%
PARKING SLABS & RAMPS CONCRETE APRONS	C-1	GU	35 MPa @ 28 DAYS	2 1/2" (64mm)	3/4" (20mm)	0.40	5% - 8%
SIDEWALKS CURBS & GUTTERS SPLASH PAD	C-1	GU	35 MPa @ 28 DAYS	3" (76mm)	3/4" (20mm)	0.40	5% - 8%
INTERIOR ENCASING FOR ELECT. DUCT & CONDUITS & MECHANICAL DUCTS	N	GU	30 MPa @ 28 DAYS	2 1/2" (64mm)	3/4" (20mm)	0.50	NOT REQUIRED
UNDERGROUND ENCASING FOR ELECT. DUCT & CONDUITS & MECHANICAL DUCTS	S-2	HS	32 MPa @ 28 DAYS	3" (76mm)	3/4" (20mm)	0.50	4% - 7%
CONCRETE TOPPING OF INTERIOR FLOOR DECKS	N	GU	25 MPa @ 28 DAYS	3" (76mm)	3/8" (10mm)	0.55	NOT REQUIRED

METAL DECK

- 1. ROOF DECK SHALL BE CANAM P-3615 X 20g OR APPROVED EQUAL.
- 2. DECK SHALL BE METALLIC COATED TO Z275 AS DESIGNATED BY ASTM A653M.
- 3. RUN DECK CONTINUOUSLY OVER 4 SUPPORTS.
- 4. FRAME AROUND OPENINGS LARGER THAN 300 X 300 WITH L127X76X6.4 LONG LEG VERTICAL FRAMED TO STRUCTURE UNLESS NOTED OTHERWISE ON DRAWINGS.
- 5. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHOWING WORK DESIGNED BY THE FABRICATOR SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER.
- 6. REFER TO FRAMING PLANS FOR ADDITIONAL REQUIREMENTS.

- 1. ALL MASONRY CONSTRUCTION SHALL BE CARRIED OUT TO CSA S304.1-04 AND CSA -A371-04.
- 3. MORTAR SHALL BE TYPE S PREPARED IN ACCORDANCE WITH CSA-A179-04.
- 4. GROUT BETWEEN COURSES TO BE MIXED IN ACCORDANCE WITH TABLE 5 OF
- 5. LINTEL, BOND BEAMS AND PILASTERS TO BE FILLED WITH COARSE GROUT OR CONCRETE HAVING MINIMUM COMPRESSIVE STRENGTH OF 20MPa AT 28 DAYS.
- 6. FILL ONE VOID ON EACH SIDE OF ALL DOORS, WINDOWS AND MECHANICAL OPENINGS AND ADD 1-15M BAR, EXTEND MINIMUM 400mm (16") BEYOND OPENING
- 7. ALL LAPS FOR REINFORCING PILASTERS TO BE A MINIMUM OF 300mm (12"). PILASTER REINFORCEMENT TO BE CONTINUOUS THROUGH INTERMEDIATE BOND
- 8. WALLS ARE TO BE CONSTRUCTED IN STACK BOND WITH FACE-SHELL MORTAR BEDDING. FULL MORTAR BEDDING IN ALL CORES, WHICH ARE TO BE GROUTED.
- 9. VERTICAL GROUTING OF WALLS SHALL BE DONE ACCORDING TO CLAUSE 8 OF CSA-A371-04. WHEN GROUTING IN LIFTS OVER 6 m PROVIDE CLEAN OUTS AT THE BOTTOM OF ALL VERTICAL CELLS TO BE GROUTED. HAVE ALL CLEAN OUTS INSPECTED BY ENGINEER BEFORE CLOSING.
- 10. REINFORCE EVERY SECOND COURSE WITH CONTINUOUS LADDER TYPE REINFORCING.
- 11. LINTEL SCHEDULE, EXTEND REINFORCING MINIMUM 600mm (24") BEYOND OPENING

SPAN	DEPTH	REINFORCING
0 - 90 0 (0 - 36")	1 COURSE	1-15M TOP & BOTTOM
900 - 1800 (36" - 72")	2 COURSES	1-20M TOP & BOTTOM
>1800 (>72")	3 COURSES	1-20M TOP & BOTTOM

- 12. BOND BEAMS:
- REINFORCED WITH 1-15M CONTINUOUS TOP & BOTTOM U.N.O. AT LOCATIONS WHERE FLOOR OR ROOF SUPPORT ANGLES ANCHOR INTO BOND BEAMS, PROVIDE MINIMUM 2 COURSES DEEP REINFORCED WITH 1-20M
- 13. PROVIDE 1-15M VERTICAL REINFORCEMENT NO GREATER 800mm (32") O/C. ALL REINFORCED CORES TO BE SOLID GROUTED.
- 14. PROVIDE DOWELS FROM GRADE BEAM, SLAB THICKENING OR CONCRETE LINTELS TO MATCH VERTICAL REINFORCING.
- 15. SEE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS.
- 16. LOCATE BLOCK WALL CONTROL JOINTS AT NO GREATER THAN 9m SPACING.
- 17. ALL CONCRETE BLOCK WALLS PLACED ON TOP OF SLAB THICKENING SHALL BE
- 18. NO CONDUIT, ELECTRICAL BOXES, RECESSED FIRE EXTINGUISHERS OR ANY OTHER RECESSED APPLIANCE ALLOWED IN MASONRY COLUMNS.

- STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION OR CONSTRUCTION. REQUIRED SHOP DRAWINGS SHALL INCLUDE BUT ARE NOT A. STRUCTURAL STEEL
- PRECAST CONCRETE MEMBERS METAL STUD FRAMING
- 2. CONTRACTOR SHALL REVIEW AND STAMP SHOP DRAWINGS PRIOR TO SUBMITTING. CONTRACTOR'S REVIEW SHALL CHECK FOR COMPLETENESS/COMPLIANCE WITH CONTRACT DOCUMENTS.
- 3. SHOP DRAWINGS ARE REVIEWED ONLY FOR GENERAL COMPLIANCE WITH THE STRUCTURAL DRAWINGS. REVIEW DOES NOT INDICATE THAT THE SHOP DRAWINGS ARE CORRECT OR COMPLETE. RESPONSIBILITY FOR CORRECTNESS SHALL REST WITH THE CONTRACTOR. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS FROM CONTRACT DRAWINGS SHALL BE CLOUDED. ANY OF THE AFOREMENTIONED SHALL NOT BE CONSIDERED APPROVED AFTER ENGINEER'S REVIEW UNLESS SPECIFICALLY NOTED ACCORDINGLY. THE SHOP DRAWINGS DO NOT SUPERSEDE OR REPLACE THE ORIGINAL CONTRACT DRAWINGS. ANY ENGINEERING PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN APPROPRIATELY REGISTERED ENGINEER.
- REVIEW AS A DEFERRED SUBMITTAL, PROVIDED THAT SUCH SUBMITTAL IS TO BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
- A. CONCRETE MIX DESIGNS
- SUPPORT/ ANCHORAGE OF MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT AND COMPONENTS
- . EXTERIOR SIGNAGE
- PREPARED IN ACCORDANCE W/ ALL APPLICABLE BUILDING CODES AND STAMPED BY AN APPROPRIATELY LICENSED PROFESSIONAL ENGINEER. CONFIGURATION OF MEMBERS AND COMPATIBILITY W/ THE PRIMARY STRUCTURAL SYSTEM.
- DEFERRED SUBMITTALS SHALL BE REVIEWED BY THE STRUCTURAL WITH THE PRIMARY DESIGN, AND THAT THE PRIMARY STRUCTURE IS

CAPABLE OF SUPPORTING THE IMPOSED LOADS.

- THE STRUCTURAL ENGINEER OF RECORD WILL RELY UPON THE SPECIALTY ENGINEER'S SEAL AS CERTIFICATION THAT THE ITEMS DESIGNED BY THE SPECIALTY ENGINEER COMPLY WITH THE CRITERIA SET FORTH IN THE CONTRACT DOCUMENTS AND APPLICABLE CODES AND STANDARDS. THE
- 8. ALLOW (5) WORKING DAYS FOR THE ENGINEER'S REVIEW OF SUBMITTALS. CONTRÀCTOR SHALL PROVIDE A COPY OF EACH SUBMITTAL FOR THE ENGINEER'S RECORDS. ONLY (1) COPY WILL BE RETURNED WITH ANY CORRECTIONS NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR REPRODUCING ENGINEER'S CORRECTIONS ON ADDITIONAL COPIES
- 9. REFER TO APPLICABLE GSN SECTIONS FOR ADDITIONAL REQUIREMENTS SPECIFIC TO INDIVIDUAL SUBMITTALS.
- THE SHOP DRAWINGS IS PROHIBITED AND WILL BE AN AUTOMATIC SHOP DRAWINGS NOT APPROVED FOR THIS REASON SHALL BE RE-SUBMITTED AS CLEAN COPIES.

- 2. MINIMUM COMPRESSIVE STRENGTH ON CONCRETE MASONRY BLOCKS IS 20MPa.

- BEAMS AND ANCHORED INTO CAPPING BOND BEAMS.
- MORTAR JOINTS ARE TO BE CONCAVE.

SPAN	DEPTH	REINFORCING
0 - 900 (0 - 36")	1 COURSE	1-15M TOP & BOTTOM
900 - 1800 (36" - 72")	2 COURSES	1-20M TOP & BOTTOM
>1800 (>72")	3 COURSES	1-20M TOP & BOTTOM

- TO BE PROVIDED AT THE TOP OF WALLS, MINIMUM 2 COURSES DEEP,
- CONTINUOUS TOP & BOTTOM U.N.O.

- ISOLATED FROM CONCRETE BLOCK WALLS PLACED ON TOP OF GRADE BEAMS.

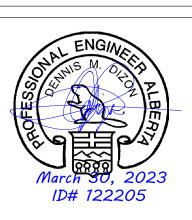
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL ITEMS TO THE
- . OPEN WEB STEEL JOISTS AND GIRDERS

- PREFABRICATED OR SPECIALTY ITEMS, AND THEIR COMPONENTS, WHICH ARE INDICATED BY THE STRUCTURAL DRAWINGS TO BE DESIGNED BY OTHERS, MAY BE SUBMITTED TO THE ARCHITECT AND/OR ENGINEER OF RECORD FOR AUTHORIZED BY THE BUILDING DEPARTMENT. DEFERRED SUBMITTALS REQ'D
- B. METAL STUD FRAMING
- D. STAIRS, HANDRAILS, GUARDRAILS, AND THEIR COMPONENTS
- 5. ALL DEFERRED SUBMITTALS SHALL INCLUDE CALCULATIONS AND DRAWINGS SUBMITTALS SHALL SHOW LOCATION AND MAGNITUDE OF LOADS, SIZE AND
- ENGINEER TO DETERMINE THAT THE DRAWINGS AND CALCULATIONS HAVE BEEN PROPERLY SEALED, LOAD CRITERIA IS IN GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND WITH THE REFERENCED BUILDING CODE. THAT CONNECTIONS TO THE PRIMARY STRUCTURE ARE COMPATIBLE
- STRUCTURAL ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE ADEQUACY OF DESIGNS PROVIDED BY OTHERS.
- 10. ANY EXACT REPRODUCTION OF THE ORIGINAL STRUCTURAL DOCUMENTS ON DISAPPROVAL OF ALL SHOP DRAWINGS INCLUDED WITH THE PACKAGE. ANY



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Grande Prairie



VALIDATION PERMIT TO PRACTICE BEAIRSTO & ASSOCIATES ENGINEERING LTD RM SIGNATURE RM APEGA ID #:



PERMIT NUMBER: P243

The Association of Prefessional Engineers and Geoscientists of Alberta (APEGA)

PROJECT

Drumheller Memorial Arena **Dressing Room Addition**

No.	Description	Date
3	Issued for Tender	Mar. 30, 202
2	Issued for Building Permit	Mar. 27, 202

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED AND SEALED OR ADVISED IN WRITING BY THE ENGINEER.

DO NOT SCALE THIS DRAWING. VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES OR OMISSIONS TO THE DESIGNER IMMEDIATELY.
ALL WORK MUST COMPLY WITH THE MOST RECENT EDITION OF THE APPLICABLE BUILDING CODE, AND ANY OTHER GOVERNING AUTHORITY.

1 Issued for Review

DRAWN BY:	D. Dizon, P.Eng.
CHECKED BY:	D. Mcgrath, P.Eng.
ENGINEER:	D. Dizon, P.Eng.
PROJECT No:	22CEBD1000
DATE:	March 2023

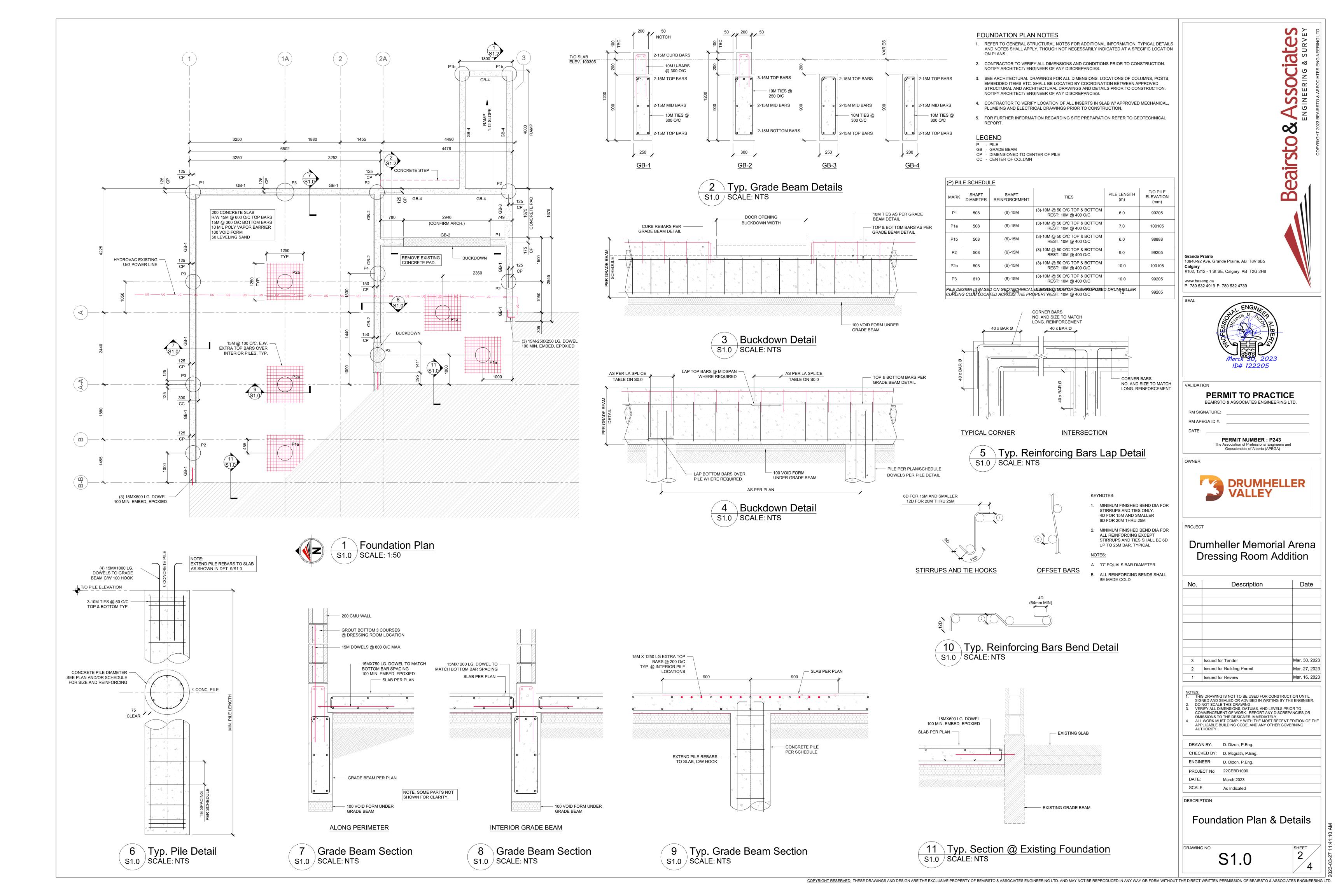
DESCRIPTION Structural Notes

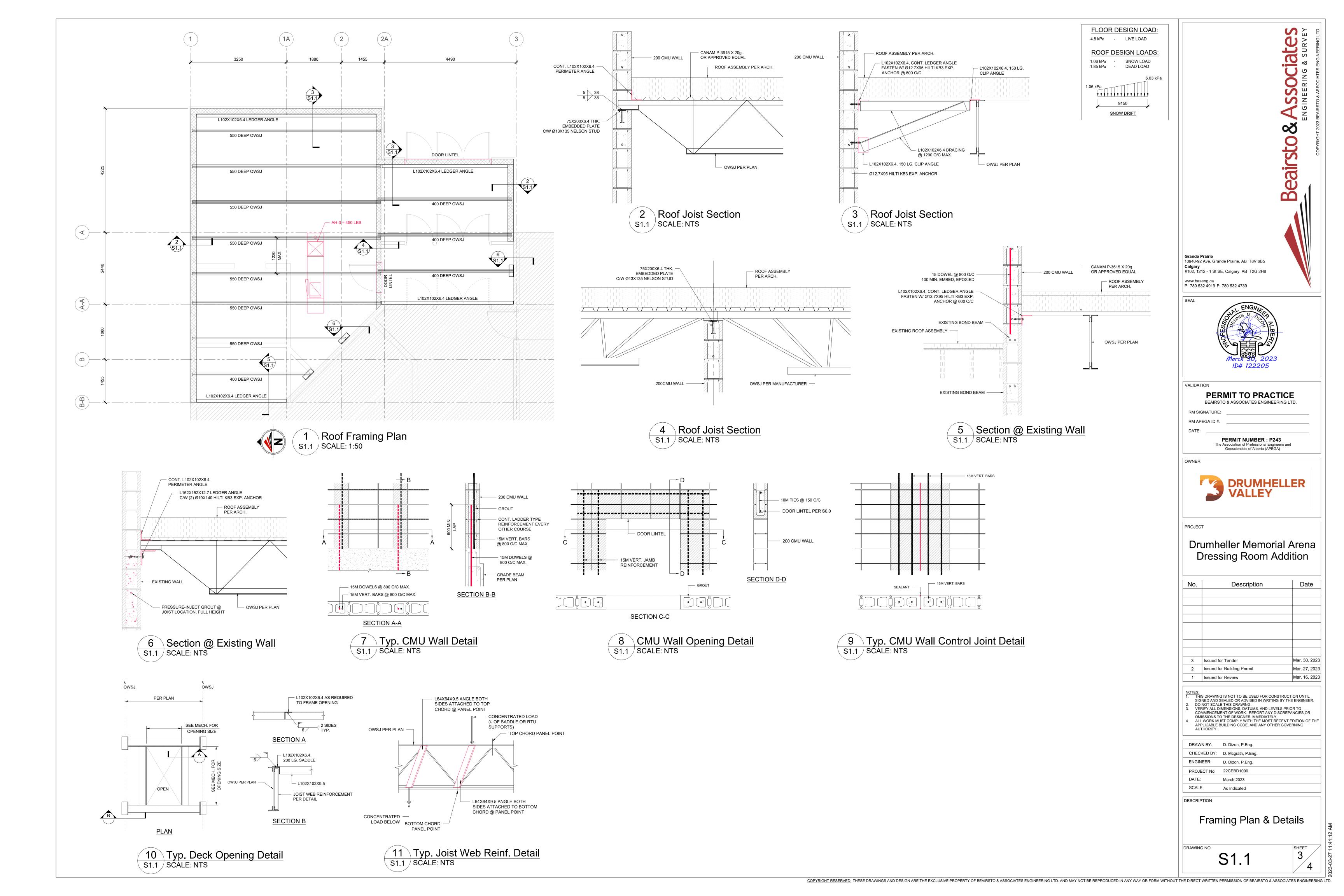
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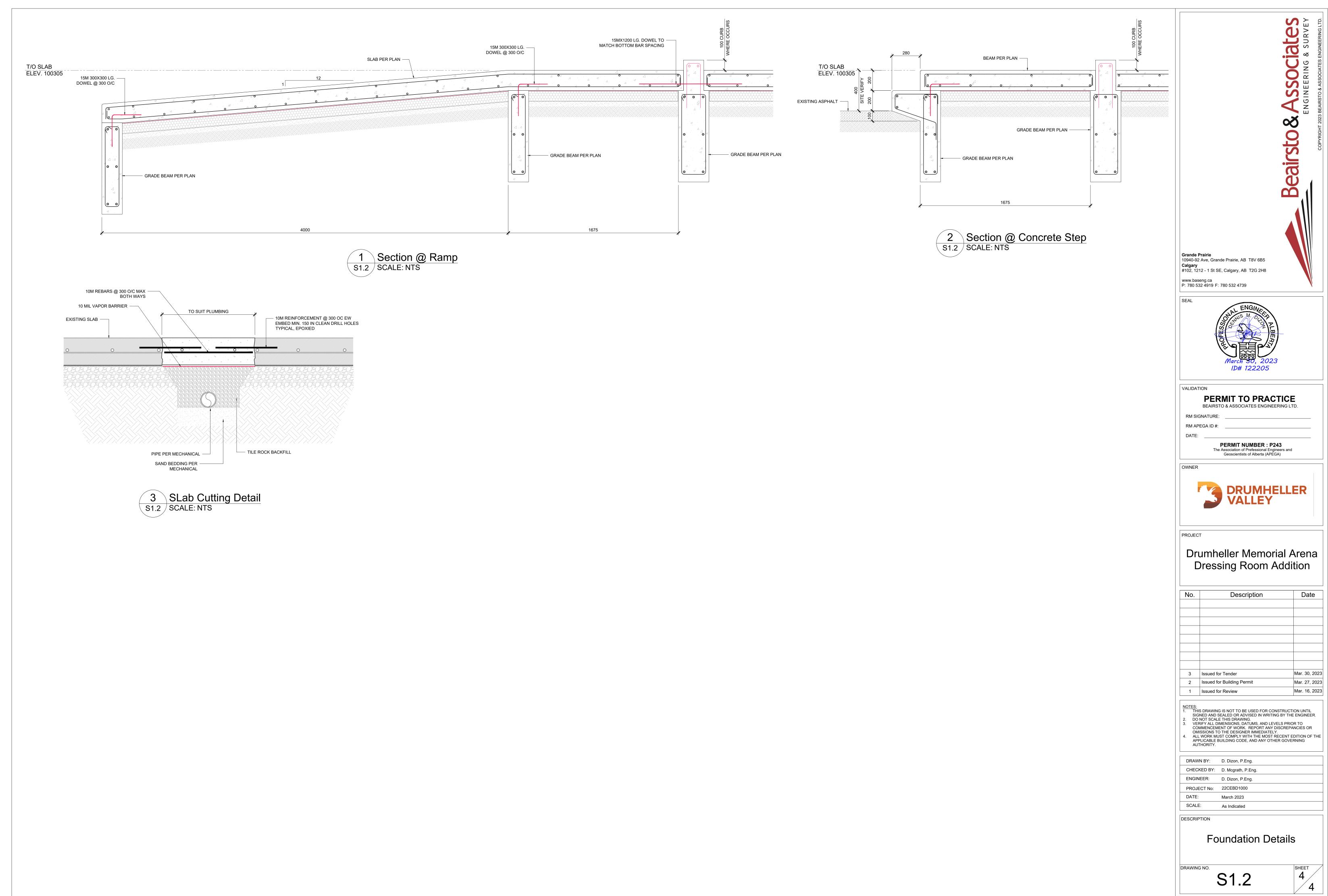
SCALE:

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Mar. 16, 2023







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