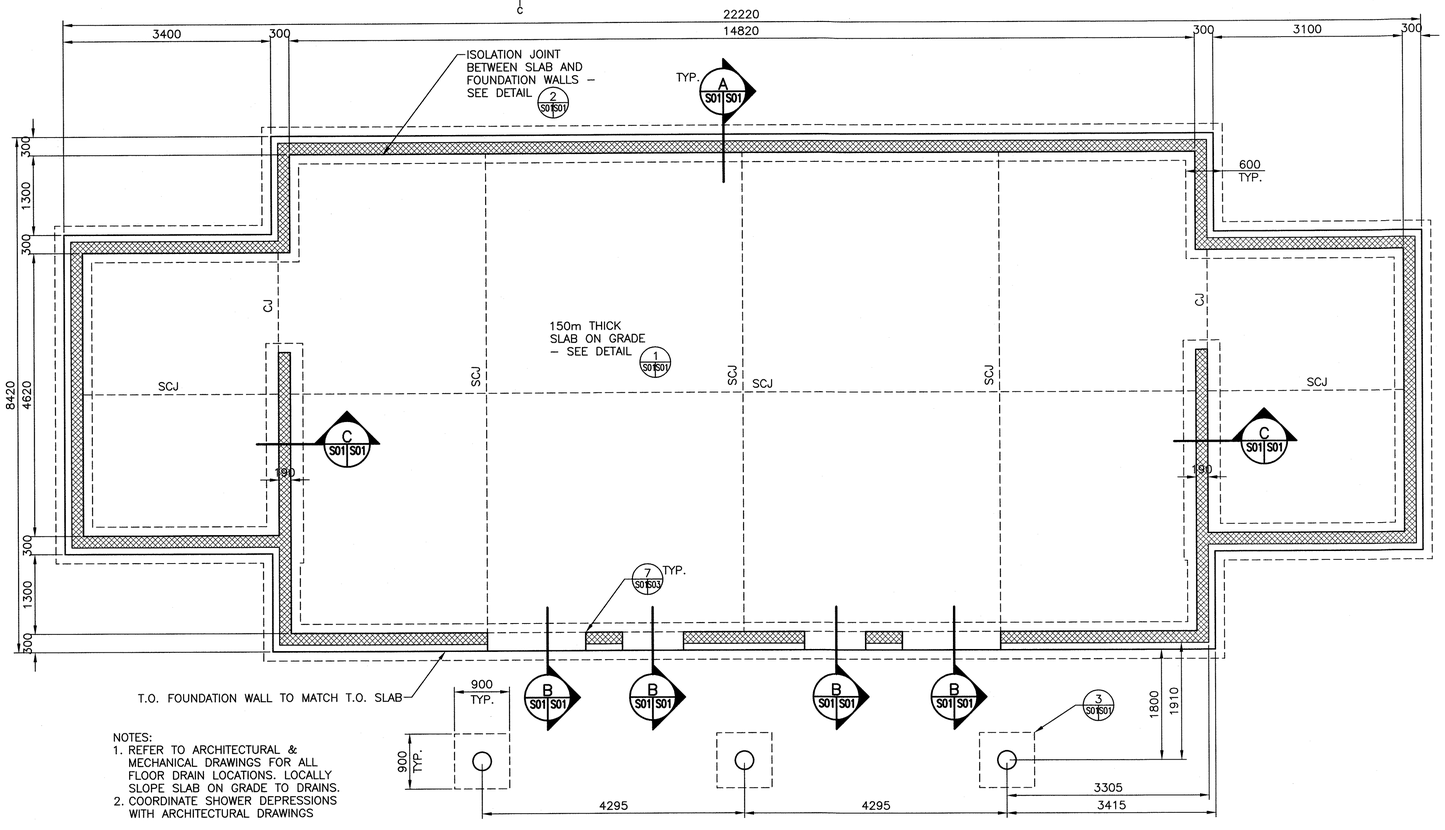
GENERAL NOTES:

1. ALL WORK & MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA, 2010.
2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH & SAFETY ACT OF NEW BRUNSWICK.
3. NO ALTERATIONS TO STRUCTURAL DETAILS SHALL BE MADE WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENTAL REPRESENTATIVE. ALL OPENINGS IN SLABS OR WALLS ARE TO BE PRE–FORMED & ALL HOLES SLEEVED. CONSTRUCTION ERRORS ARE TO BE DOCUMENTED & REPORTED TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING WITH SUBSEQUENT WORK.
4. PERIODIC & DISCRETIONARY SITE OBSERVATIONS ARE MADE AT THE JOB SITE BY THE DEPARTMENTAL REPRESENTATIVE & ARE NECESSARILY LIMITED IN SCOPE TO OBSERVATION OF WORK IN PROGRESS AT THE TIME OF THE SITE OBSERVATION. THESE SITE OBSERVATIONS DO NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE CONTINUOUS ON–SITE SUPERVISION OF ALL STRUCTURAL WORK TO ENSURE THAT BOTH THE INTENT & DETAILS OF THE DRAWINGS & SPECIFICATIONS ARE BEING FOLLOWED.
5. THE CONTRACTOR SHALL COORDINATE DETAILS SHOWN ON THE STRUCTURAL DRAWINGS WITH ALL OTHER DISCIPLINES DRAWINGS & SPECIFICATIONS.
6. ALL STANDARDS & SPECIFICATIONS NOTED SHALL REFLECT "LATEST EDITION".
7. REFER TO ARCHITECTURAL DRAWINGS FOR THE SIZES & LOCATIONS OF ALL EXTERIOR & INTERIOR DOOR & WINDOW OPENINGS THROUGH ALL WALLS.

FOUNDATIONS:

1. FOUNDATIONS ARE DESIGNED TO BEAR ON UNDISTURBED NATIVE MATERIAL OR FULLY COMPACTED ENGINEERED FILL WITH A MINIMUM FACTORED BEARING RESISTANCE OF 300 kPa.
2. ALL ENGINEERED (STRUCTURAL) FILL AND BACKFILLING IS TO BE PLACED UNDER THE CONTINUOUS SUPERVISION OF THE GEOTECHNICAL ENGINEER.
3. THE GEOTECHNICAL ENGINEER SHALL INSPECT ALL PROPOSED BEARING SURFACES AND CONFIRM THAT THE STATED ALLOWABLE BEARING CAPACITY CAN BE ACHIEVED PRIOR TO PLACEMENT OF ANY CONCRETE IN FOOTINGS, AND THAT BEARING SURFACE IS FREE FROM FROST & WATER. IF THE GEOTECHNICAL ENGINEER DEEMS BEARING SURFACE CAN NOT PROVIDE THE ALLOWABLE BEARING CAPACITY, THE CONTRACTOR IS TO LOWER FOOTINGS AS DIRECTED BY GEOTECHNICAL ENGINEER TO A LEVEL THAT CAN PROVIDE THE ALLOWABLE BEARING CAPACITY.
4. BACKFILLING AGAINST WALLS OR GRADE BEAMS SHALL PROCEED IN APPROXIMATELY EQUAL LIFTS ON BOTH SIDES OF THE WALL OR GRADE BEAM, UNLESS NOTED OTHERWISE.
5. NO PIPING/DUCTBANKS/CONDUIT ARE TO PASS UNDER ANY LOAD BEARING FOUNDATIONS OR WITHIN THEIR ASSOCIATED ZONE OF INFLUENCE.
6. PROVIDE SHEAR KEYS IN THE TOP OF ALL CONCRETE WALL FOOTINGS, CENTERED UNDER WALL LOCATIONS.
7. CONCRETE PROTECTIVE COVER TO REINFORCING STEEL TO BE AS FOLLOWS:
   .1 CAST AGAINST GROUND – NO FORMWORK 75mm
   .2 EXPOSED TO EARTH OR WEATHER 60mm
8. JOINT SEALER/FILLER TO BE A TWO COMPONENT, POLYSULPHIDE SEALANT, SELF–LEVELING FOR SLABS.
9. ISOLATION BOARD BETWEEN CONCRETE SURFACES TO BE A 13mm THICK, CLOSED CELL POLYETHYLENE JOINT FILLER WITH A PRE–SCORED REMOVABLE STRIP TO SUIT JOINT SEALANT INSTALLATION.

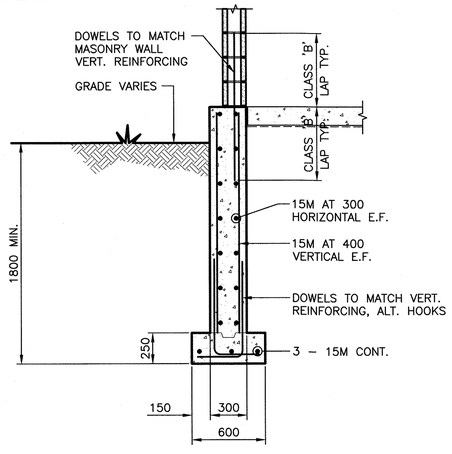


NOTES:
1. REFER TO ARCHITECTURAL & MECHANICAL DRAWINGS FOR ALL FLOOR DRAIN LOCATIONS. LOCALLY SLOPE SLAB ON GRADE TO DRAINS.
2. COORDINATE SHOWER DEPRESSIONS WITH ARCHITECTURAL DRAWINGS

PLAN – FOUNDATION

SCALE : 1:50

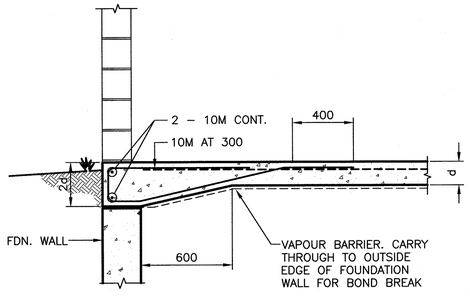
0m 1m 2m 3m 4m 5m



SECTION – TYPICAL FOUNDATION WALL A S01 S01

SCALE : 1:25

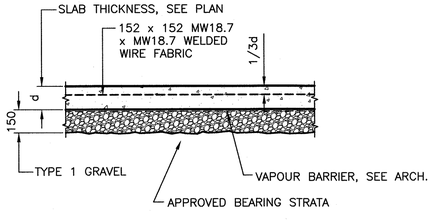
0mm 500mm 1000mm 1500mm 2000mm 2500mm



SECTION – SLAB AT ENTRANCE B S01 S01

SCALE : 1:20

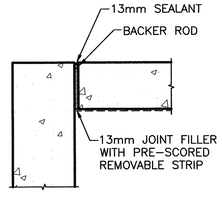
0mm 500mm 1000mm 1500mm 2000mm 2500mm



DETAIL – TYPICAL SLAB ON GRADE 1 S01 S01

SCALE : 1:20

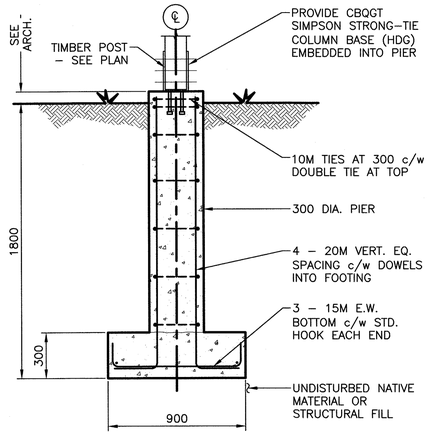
0mm 500mm 1000mm 1500mm 2000mm 2500mm



DETAIL – TYP. ISOLATION JOINTS 2 S01 S01

SCALE : 1:10

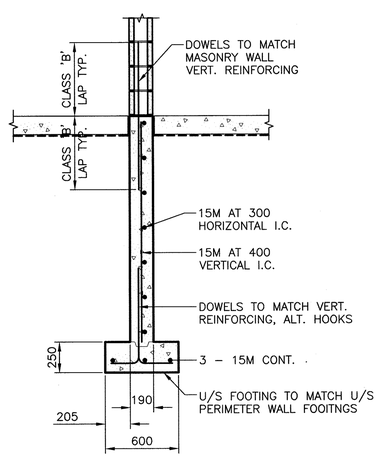
0mm 100 200 300 400 500 600 700 800 900 1000mm



DETAIL – TYPICAL EXTERIOR PIER 3 S01 S01

SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm



SECTION – FOUNDATION WALL C S01 S01

SCALE : 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm

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LEGEND:

CJ: CONSTRUCTION JOINT – SEE DETAIL 6/S03.

SCJ: SAW CUT JOINT – SEE DETAIL 4/S03.

REGISTERED PROFESSIONAL ENGINEER Province of New Brunswick Province du Nouveau-Brunswick #M7775 Patrick Miller MAR 09/18

revisions		date
1	ISSUED FOR TENDER	MAR 09 2018
B	ISSUED FOR 99% REVIEW	JUN 23 2017
A	ISSUED FOR 66% REVIEW	MAY 25 2017

project / projet

FUNDY NATIONAL PARK HEADQUARTERS & WOLFE LAKE CAMPGROUNDS

PHASE II

drawing / dessin

STRUCTURAL HQ SERVICE BUILDING FOUNDATION PLAN CONCRETE DETAILS AND NOTES

designed P. MILLER / conçu
date MAY 2017
drawn R. CLAHANE / dessiné
date MAY 2017
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC

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