



Concrete

- CONCRETE AND WORK TO FOLLOW CAN/CSA-A23.1. THE CONTRACTOR SHALL HAVE ACCESS TO A COPY OF THIS STANDARD AT ALL TIMES.
- TEST CONCRETE IN ACCORDANCE WITH CAN/CSA-A23.2. TEST RESULTS WILL BE ISSUED TO CONTRACTOR, ENGINEER AND OWNER.
- CONCRETE REQUIREMENTS:

TYPE	f _c (MPa)	CEMENT (mm)	SLUMP	TOTAL AIR%
1)FOOTINGS	25	50	80+/-30	5+/-1
2)WALLS	25	10	80+/-30	N/A
3)SLABS	32	10	80+/-30	5+/-1

 MAX AGGREGATE (mm) 20
 MAXIMUM WATER/CEMENT RATIO FOR TYPE 50 CEMENT TO BE 0.40.
- PROVIDE CLEAR CONCRETE COVER OVER REBAR AS FOLLOWS:
 - SURFACE POURED AGAINST GROUND - 75mm
 - INTERIOR FACE OF WALLS - 40mm
- PROVIDE 20mm CHAMFER ON ALL EXPOSED CONCRETE CORNERS.
- GRADE SUPPORTED SLABS, WALKS, AND PADS: CAST OVER 6MIL POLY AND 150mm OF GRANULAR FILL COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- ALLOW AMPLE TIME FOR REVIEW AND CORRECTIVE WORK, IF REQUIRED, BEFORE SCHEDULING CONCRETE PLACEMENT.
- DURING CURING OF CONCRETE, SHRINKAGE IS EXPECTED AND AS SUCH HAIRLINE CRACKS MAY OCCUR.
- CONCRETE SLABS MAY EXPERIENCE PRESSURES FROM SOILS THEY ARE SUPPORTED ON. MINOR CRACKING MAY OCCUR DUE TO VARIABLE SOIL PROPERTIES.

Town of Langenburg
Gazebo/Washroom
Langenburg,
Saskatchewan

Project: 11-4709 Date: 2021/2/8

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REVISION SCHEDULE

#	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	2021/2/8

- General**
- READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER PERTINENT CONTRACT DOCUMENTS.
 - ALL DIMENSIONS ARE IN FEET UNLESS NOTED. THE CONTRACTOR MUST VERIFY DIMENSIONS BEFORE CONSTRUCTION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK; DO NOT SCALE DRAWINGS.
 - THE DESIGN AND CONSTRUCTION SHALL IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2010, THE SUPPLEMENT, AND REFERENCED STANDARDS THEREIN. THE BUILDING CODE OF SASKATCHEWAN OR THE LOCAL JURISDICTION HAVING AUTHORITY, WHICH EVER REQUIREMENTS IS THE MOST STRINGENT.
 - REFER TO THE EXISTING ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, SLEEVES AND OTHER BUILDING COMPONENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
 - DRAWINGS SHOW COMPLETED STRUCTURE ONLY. PROVIDE TEMPORARY BRACING FOR CONSTRUCTION LOADING CONDITIONS AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
- THE OWNER SHALL ARRANGE A "FOUNDATION INSPECTION" WITH THE ENGINEER PRIOR TO BACK FILLING THE STRUCTURE. THE OWNER SHALL BE RESPONSIBLE FOR ALL COSTS OF THE INSPECTION.

Association of Professional Engineers & Geoscientists of Saskatchewan

CERTIFICATE OF AUTHORIZATION
EDIFICE ENGINEERING INC.
Number 25145

Permission to Consult held by:
Discipline: Sk. Reg. No. Signature

Signature: 23863 [Signature]