GENERAL NOTES

1. READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER PERTINENT CONTRACT DOCUMENTS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED. THE CONTRACTOR SHALL VERIFY DIMENSIONS BEFORE CONSTRUCTION AND REPORT DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
3. THE DESIGN AND CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2005 AND REFERENCED STANDARD THEREIN.
4. REFER TO THE ARCHITECTURAL, 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 CONSULTANT BEFORE PROCEEDING WITH THE WORK.
5. CONTRACTOR TO CONFIRM WITH EQUIPMENT SUPPLIERS DIMENSIONS AND ALL OTHER CRITICAL DETAILS PRIOR TO CONSTRUCTION. REPORT DISCREPANCIES AND OBTAIN APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
6. NOTIFY THE STRUCTURAL ENGINEER 48 HOURS IN ADVANCE FOR SITE REVIEW.
7. VERIFY LOCATION OF UNDERGROUND SERVICES AND BE RESPONSIBLE FOR DISRUPTIONS.
8. IF NO DATES GIVEN FOR STANDARD REFERENCED, USE LATEST.

DESIGN LOADS

1. DEAD LOADS: STRUCTURE SELF WEIGHT:

2. LIVE LOADS .1) GROUND SNOW LOAD - Ss = 2.3kPa, Sr = 0.1kPa — MODIFY FOR EXPOSURE AND DRIFT AS PER NBC-2005

   .2) WIND LOAD q(1:50) = 0.37kPa

EXCAVATION & BACKFILL

1. EXCAVATE TO LINES AND LEVELS NECESSARY TO PROPERLY COMPLETE THE WORK. MINIMUM SIDE SLOPES OF TEMPORARY EXCAVATION SHALL NOT EXCEED 1 TO 1, OR AS RECOMMENDED IN THE GEOTECHNICAL REPORT. CONTROL EXCAVATION TO ENSURE BOTTOM OF EXCAVATION DOES NOT SOFTEN DUE TO EXCESSIVE MOISTURE
2. EXCAVATE BELOW GRADE SUPPORTED SLABS TO REMOVE TOPSOIL, ORGANIC MATTER, DEBRIS. PROOF ROLL SUBGRADE TO DETECT SOFT AREAS. OVER EXCAVATE AND FILL WITH "GENERAL ENGINEERED FILL" SCARIFY NATIVE CLAY. SUBGRADE TO A DEPTH OF 150mm. COMPACT SUBGRADE TO 98% STANDARD PROCTOR DENSITY AT OPTIMUM MOISTURE AS DETERMINED IN THE STANDARD PROCTOR TEST.
3. ALL BACKFILL SHALL BE COMPACTED USING MECHANICAL EQUIPMENT. ON THE EXTERIOR OF THE STRUCTURES, THE BACKFILLING SHALL BE PLACED WITH SUFFICIENT ALLOWANCE FOR THE SETTLEMENT AND IN GENERAL, ITS TOP SURFACE SHALL BE NEATLY GRADED.
4. DO NOT PLACE BACKFILL ON FROZEN GROUND, NOR USE FROZEN MATERIAL.
5. MAINTAIN OPTIMUM MOISTURE CONTENT TO PERMIT COMPACTION TO ATTAIN SPECIFIED DENSITIES. PROTECT BACKFILLED GRADE, DURING AND AFTER COMPLETION OF BACKFILL OPERATION, FROM SOFTENING DUE DUE TO EXCESS MOISTURE.
6. BACKFILL TO GRADES INDICATED IN LAYERS NOT EXCEEDING 150mm.

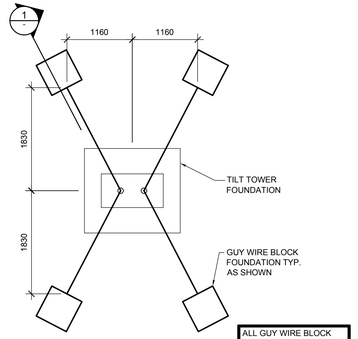
CONCRETE

1. PROVIDE CONCRETE AND PREFORM WORK TO CSA A23.1-09. THE CONTRACTOR SHALL HAVE A COPY OF THIS STANDARD ON SITE AT ALL TIMES.
2. TEST CONCRETE IN ACCORDANCE WITH CSA A23.2-09.
3. SPECIFIED SLUMPS ARE PRIOR TO THE ADDITION OF ANY APPROVED PLASTICIZING ADMIXTURE. WHEN CONCRETE IS PLACED BY PUMPING, THE LISTED SLUMPS SHALL BE AT DISCHARGE.
4. PROVIDE 20mm CHAMFER ON ALL EXPOSED CONCRETE CORNERS
5. SUBMIT SHOP DRAWINGS FOR CONCRETE MIX DESIGNS FOR ALL CONCRETE ITEMS.

CONCRETE REINFORCEMENT

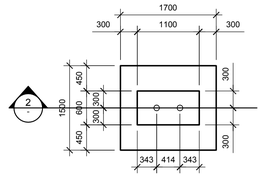
1. DEFORMED BARS CONFINING TO CSA G30.18-M92(02) GRADE 400. TIES AND STIRRUPS TO CSA G30.18-M92(02) GRADE 400.
2. REINFORCING WORK SHALL BE IN ACCORDANCE WITH CSA A23.1-09 AND CSA A23.3-04.
3. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL OR THE REINFORCING STEEL INSTITUTE OF CANADA DETAILING MANUAL.
4. REINFORCING TO BE CONTINUOUS UNLESS NOTED.
5. CHAIR SLAB REINFORCING NOT FURTHER THAT 1.0 METRE IN EITHER DIRECTION. SUPPLY SUPPORT BARS, CHAIRS AND CARRIERS AND NECESSARY.
6. SUBMIT SHOP DRAWINGS FOR REINFORCING OF ALL CONCRETE ITEMS.

Construction North



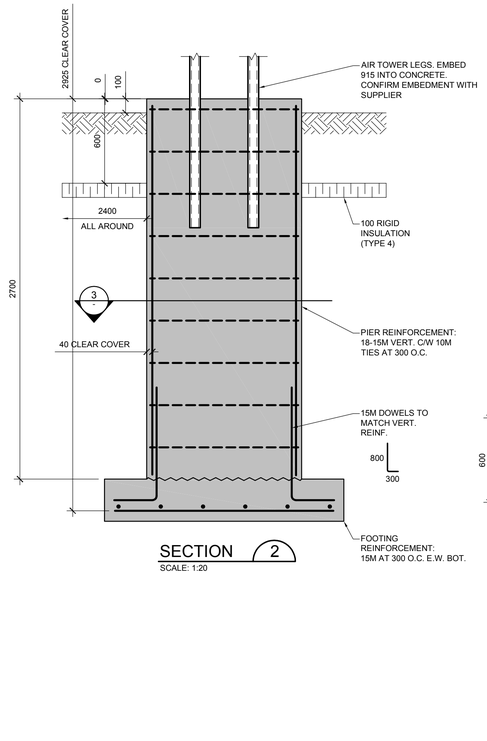
ALL GUY WIRE BLOCK LOCATIONS MUST BE CONFIRMED WITH TILT TOWER MANUFACTURER BEFORE INSTALLATION

TILT TOWER
SCALE: 1:50

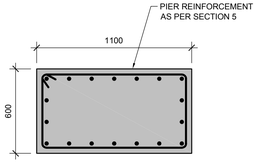


TILT TOWER FOUNDATION
SCALE: 1:50

SECTION 1
SCALE: 1:20



SECTION 2
SCALE: 1:20



SECTION DETAIL 3
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Public Works and Government Services Canada | Travaux Publics et Services Gouvernementaux Canada

Architectural & Engineering Services | Services d'architecture et de genie

Western Region | Region de l'quest

STEPHENS KOZAK ACI
ARCHITECTS AND PLANNERS

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number nombre	revision	date

notes note

project projet

JOUSSARD CLIMATE STATION
Joussard, Alberta

drawing dessin

JOUSSARD CLIMATE STATION PLANS AND SECTIONS

14-3739

designed	JW	concu
date	February 2014	date
drawn	BTC	dessine
date	February 2014	date
approved	APPROVED BY	approuve
date	APPROVED DATE	date
Tender	TENDER DATE	appel d'offres

RCMP Project Manager — gestionnaire de projet GRC

project number — numero du projet

R.062856.001

drawing number — numero de dessin

S01

SKAL 13-102