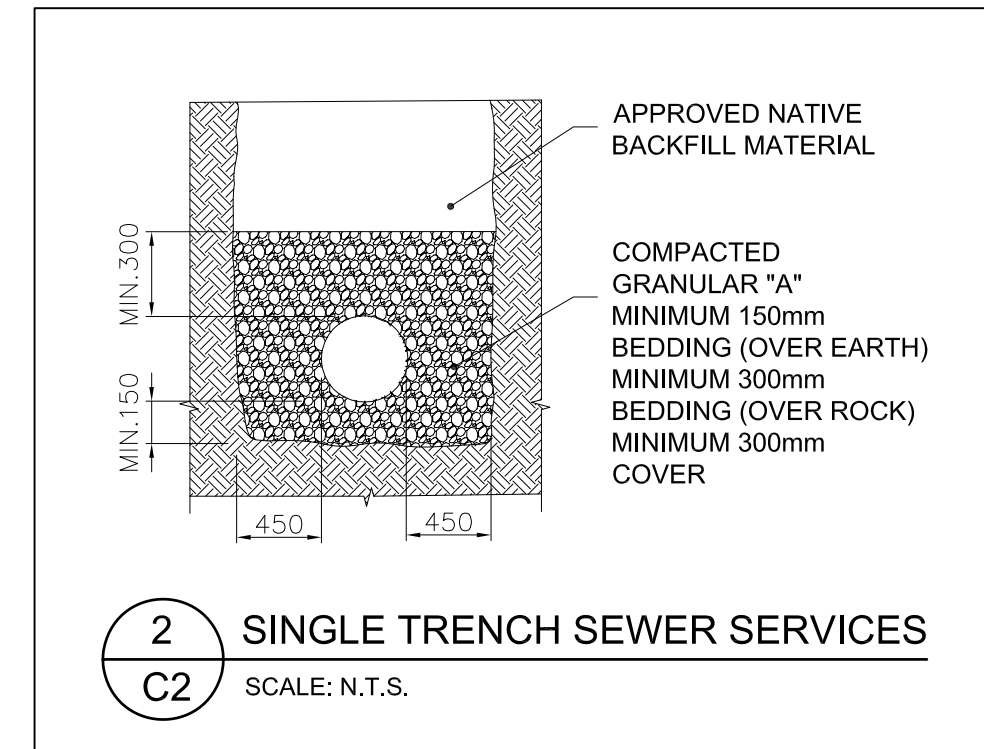
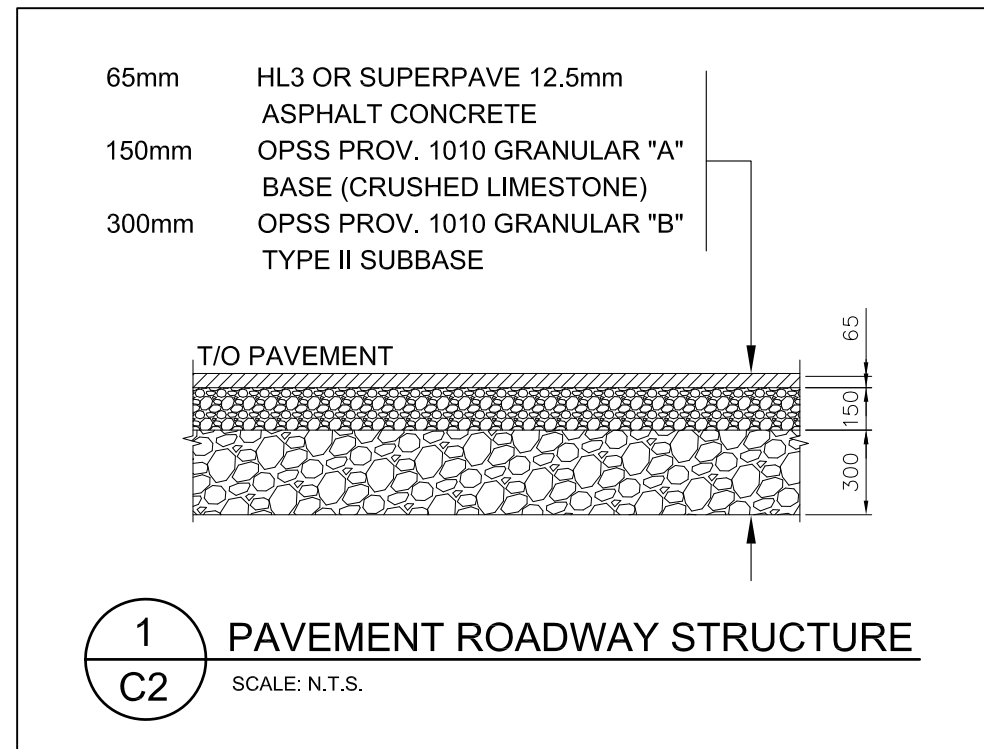
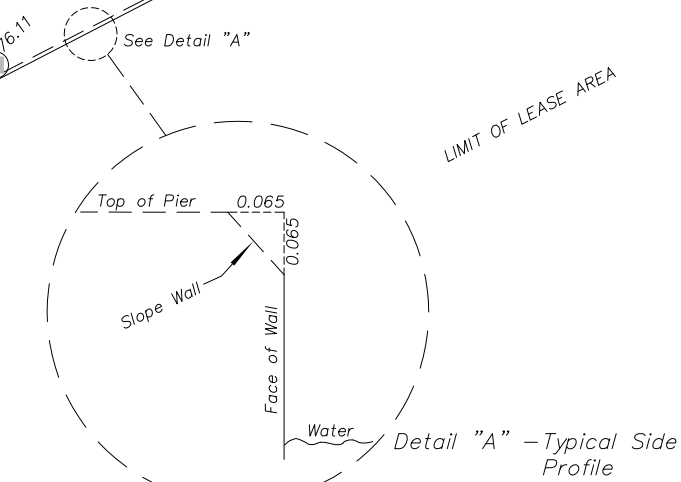
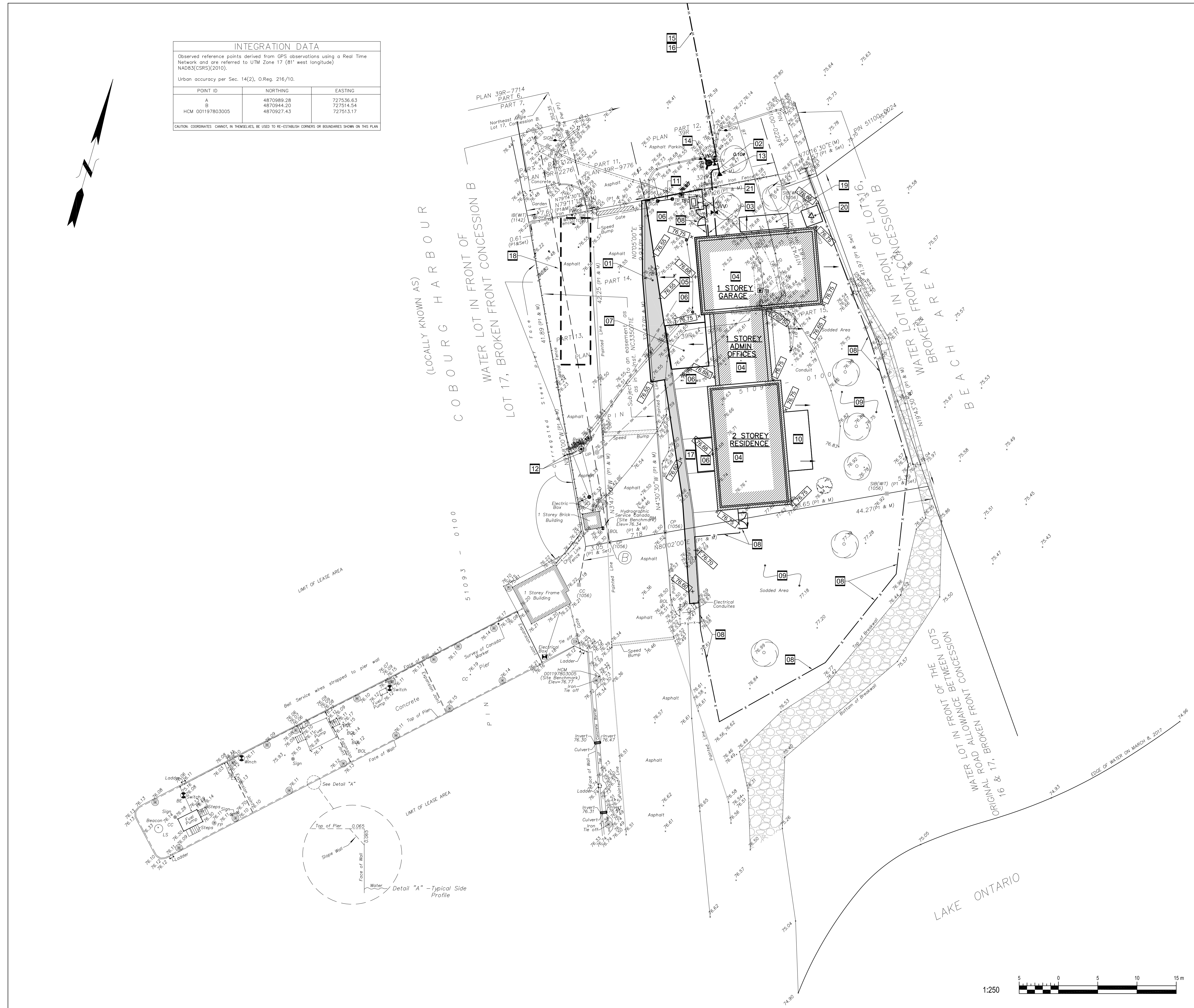
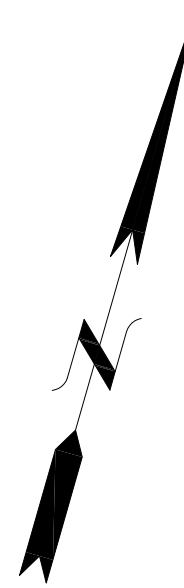


INTEGRATION DATA		
Observed reference points derived from GPS observations using a Real Time Network and are referred to UTM Zone 17 (81° west longitude) NAD83(CRS85)(2010).		
Urban accuracy per Sec. 14(2), O.Reg. 216/10.		
POINT ID	NORTHING	EASTING
A	4870989.28	727536.63
B	4870984.20	727514.24
HCM 001197803005	4870927.43	727513.17

CAUTION: COORDINATES CANNOT BE RELIABLELY USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.



- GENERAL NOTES**
1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ISSUES/PROBLEMS WHICH MAY OCCUR AS A RESULT OF A FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY.
 2. WHERE THERE ARE ALLEGED ERRORS, OMISSIONS, INCONSISTENCIES OR AMBIGUITIES PRESENT IN THE CONTRACT DOCUMENTS, THE CONTRACTOR MUST SEEK CLARIFICATION FROM DEPARTMENT REPRESENTATIVE. ANY COSTS OR SCHEDULE DELAYS WHICH RESULT AS A FAILURE TO CONTACT DEPARTMENT REPRESENTATIVE FOR DIRECTION SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
 3. THIS DRAWING IS THE PROPERTY OF DEPARTMENT REPRESENTATIVE AND IS AN INSTRUMENT OF SERVICE THAT IS PROTECTED BY COPYRIGHT. NO USE OF THIS DRAWING MAY BE MADE WITHOUT THE EXPRESS WRITTEN CONSENT OF DEPARTMENT REPRESENTATIVE.
 4. DO NOT SCALE DRAWINGS. REFER ANY DIMENSIONAL CLARIFICATIONS AND/OR POSSIBLE TRADE INTERFERENCE/CONFLICTS TO DEPARTMENT REPRESENTATIVE FOR CLARIFICATION PRIOR TO COMMENCEMENT OF THE WORK.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH SUBTRADES AND SHALL ADDRESS CONSTRUCTION TEAM COORDINATION ITEMS PRIOR TO ISSUING REQUESTS FOR INFORMATION FROM DEPARTMENT REPRESENTATIVE.
 6. THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
 7. TOPOGRAPHIC INFORMATION BASED ON FILE NUMBER 4-4746-TOPO SURVEY BY IBW SURVEYORS, MARCH 9, 2017

- LEGEND**
- SA EXISTING SANITARY SEWER
 - W EXISTING WATERMAIN
 - SA PROPOSED SANITARY SEWER
 - wv PROPOSED WATER VALVE
 - w PROPOSED WATERMAIN
 - PROPOSED ROADWAY PAVEMENT
 - PROPOSED DEPRESSED CURB AS PER OPSD 600.110
 - PROPOSED CURB AS PER OPSD 600.110
 - PROPOSED ELEVATION
 - SURFACE DRAINAGE

- DRAWING NOTES**
- 01 PAVEMENT ROADWAY STRUCTURE AS PER DETAIL 1/C2.
 - 02 CONNECT NEW 50mm WATER SERVICE TO NEW BUILDING. REFER TO MECHANICAL DRAWINGS FOR NEW SERVICE LOCATION.
 - 03 RECONNECT EXISTING 150mm SANITARY SEWER TO NEW BUILDING. REFER TO MECHANICAL DRAWINGS FOR NEW SERVICE LOCATION. LOCATION OF EXISTING SANITARY TO BE FIELD CONFIRMED.
 - 04 PROPOSED FINISHED FLOOR ELEVATION: 76.90m
 - 05 NEW BOLLARDS. REFER TO ARCHITECTURAL DRAWINGS.
 - 06 NEW HARD SURFACE. REFER TO ARCHITECTURAL DRAWINGS.
 - 07 NEW CONCRETE ENTRANCE. REFER TO ARCHITECTURAL DRAWINGS.
 - 08 NEW FENCE AND NEW GATES SCOPE OF WORK AS PER ARCHITECTURAL DRAWINGS.
 - 09 MATCH EXISTING ELEVATIONS AT LIMIT OF WORK.
 - 10 NEW PRECAST PAVERS. REFER TO ARCHITECTURAL DRAWINGS.
 - 11 EXISTING SIGN RELOCATION. REFER TO ARCHITECTURAL DRAWINGS.
 - 12 CONNECT EXISTING WATER SERVICE TO NEW HOSE BIB. REFER TO MECHANICAL FOR LOCATION. SPECIFICATION AND MOUNTING DETAIL.
 - 13 NEW 150mm WATERMAIN CAP COMPLETE WITH RESTRAINTS AND THRUST BLOCK. INSTALL THRUST BLOCK AS PER OPSD 1103.010.
 - 14 INSTALL NEW FIRE HYDRANT COMPLETE WITH 150mm WATER VALVE AND LEAD AS PER OPSD 1105.010.
 - 15 NEW 150mm PVC DR-18 WATERMAIN INCLUDING ALL REMOVAL AND REINSTATEMENTS. CONTRACTOR TO CONTACT UTILITY LOCATES PRIOR OF EXCAVATION. REPORT ANY UTILITY CONFLICTS WITH CONTRACT ADMINISTRATOR. REFER TO DETAIL 2 ON DRAWING C2 FOR PROPOSED TRENCH REQUIREMENT. INSTALL WATERMAIN AS PER LAKEFRONT UTILITY SERVICES INC. (LUS) REQUIREMENTS.
 - 16 NEW 150mm PVC DR-18 WATERMAIN APPROXIMATELY 85m IN LENGTH. CONTRACTOR TO CONFIRM EXACT LENGTH DURING PRE CONSTRUCTION WALK THROUGH TO THE CONTRACT ADMINISTRATOR. NOTE THERE IS NO TOPOGRAPHIC SURVEY OR GEOTECHNICAL REPORT PROVIDED. CONTRACTOR TO CONFIRM WATER TABLE HEIGHT AND APPLY FOR ANY PERMIT TO TRENCH DE-WATERING IF REQUIRED.
 - 17 NEW INTERLOCK PAVERS. REFER TO ARCHITECTURAL DRAWINGS.
 - 18 PROPOSED TEMPORARY COAST GUARD OPERATIONS TRAILER LOCATION.
 - 19 NEW 1829 x 6096 mm CONCRETE PAD FOR GENERATOR & PROPANE TANK. SCOPE OF WORK AS PER ARCHITECTURAL DRAWINGS.
 - 20 12 m ANTENNA ON 2135 X 2135 mm CONCRETE PAD. SCOPE OF WORK AS PER ARCHITECTURAL DRAWINGS.
 - 21 EXISTING IRON FENCE SECTION TO BE REMOVED TO ALLOW NEW UNDERGROUND SERVICES WORK TO BE COMPLETED. REINSTATE EXISTING IRON FENCE UPON COMPLETION.



revision	date
08	ISSUED FOR TENDER DEC. 17, 2020
07	ISSUED FOR 100% OCT. 07, 2020
06	SITE PLAN APPLICATION R1 JUL. 10, 2020
05	RE-ISSUED FOR 99% JUN. 30, 2020
04	ISSUED FOR 99% JAN. 30, 2020
03	ISSUED FOR SPC JUN. 03, 2019
02	66% SUBMISSION MAR. 28, 2019
01	CLIENT REVIEW MAR. 05, 2019

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

A	Detail No. No. du détail
B	drawing no. - where detail required dessin no. - ou détail exigé
C	drawing no. - where detailed dessin no. - ou détaillé

project title
titre du projet
COBOURG SEARCH AND RESCUE STATION

114 DIVISION STREET,
COBOURG, ONTARIO

drawing title
titre du dessin
GRADING AND DRAINAGE

drawn by
dessiné par
LAUBERTIN

designed by
conc. par
LAUBERTIN

approved by
approuvé par
D.NGUYEN

bid
offre
DFO PROJECT MANAGER

project manager
administrateur de projets

project date
date du projet
05-03-2019

project no.
no. du projet
R.084112.005

drawing no.
dessiné no.
C2