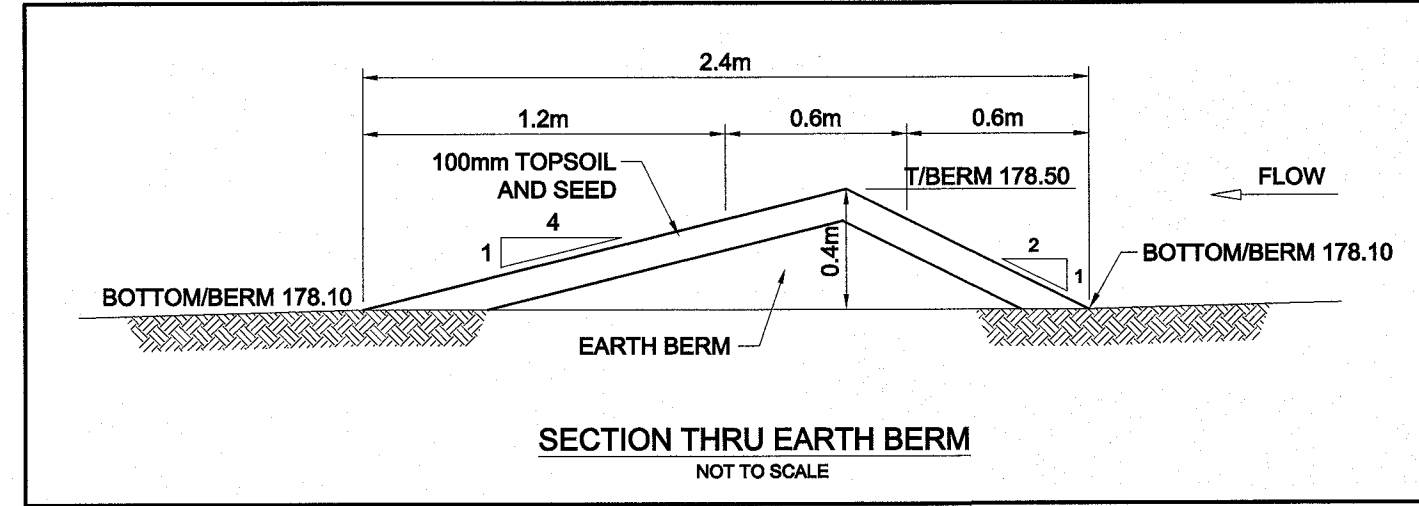
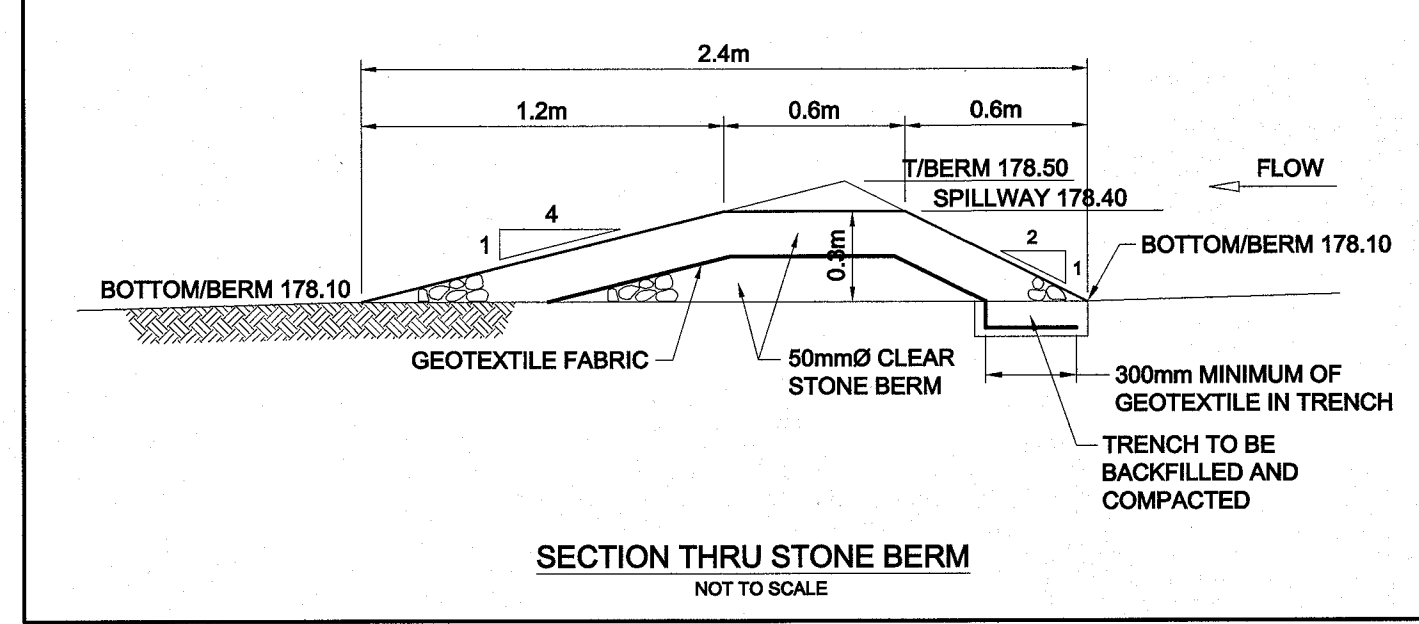
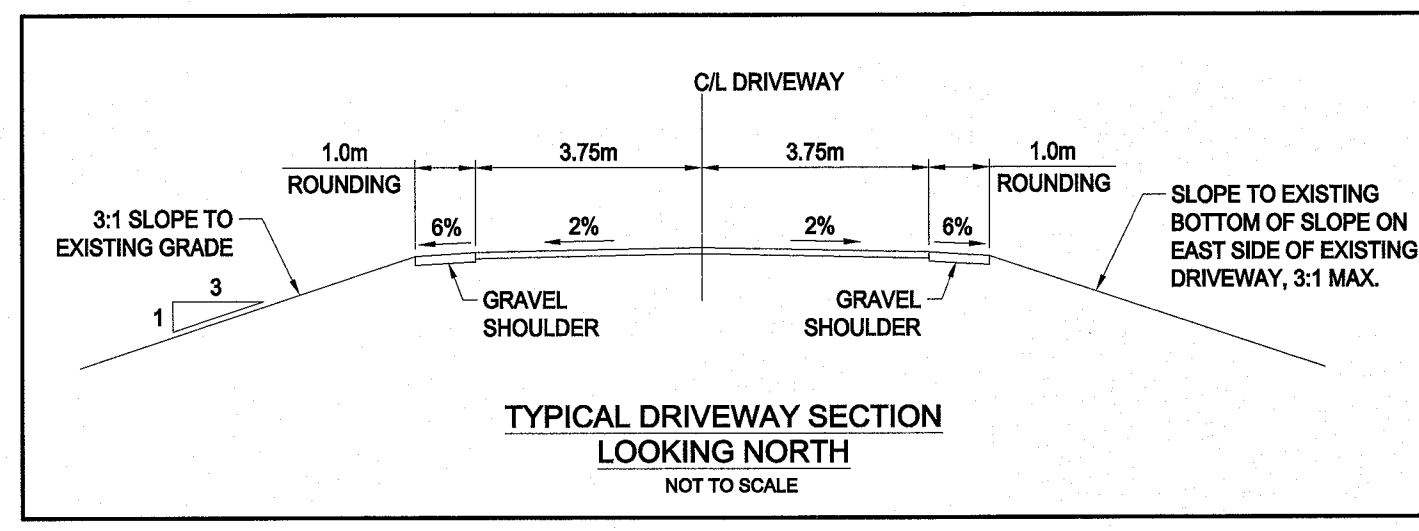


NEW ENTRANCE ORDER OF CONSTRUCTION

1. CONSTRUCT GRANULAR BASE OF NEW ENTRANCE WHILE EXISTING ENTRANCE MAINTAINS SITE ACCESS.
2. REMOVE EXISTING ASPHALT AND FINISH GRADING OF GRANULAR BASE TO CONNECT NEW ENTRANCE TO EXISTING.
3. REMOVE EXISTING ENTRANCE AND RESTORE AREA TO CONSISTENT SLOPE FROM EDGE OF NEW ENTRANCE TO EASTERLY EDGE OF EXISTING ENTRANCE.



GENERAL

ALL DIMENSIONS AND ELEVATIONS IN METRIC UNLESS OTHERWISE NOTED.

ALL TOPSOIL TO BE STRIPPED FROM AREAS OF PROPOSED CONSTRUCTION AND STOCKPILED ON SITE AND BE USED FOR FINAL LANDSCAPING. SURPLUS TOPSOIL TO BE REMOVED BY THE CONTRACTOR.

ALL LANDSCAPED AREAS WITHIN SUBJECT LANDS TO BE FINISHED WITH 100mm TOPSOIL, SEED AND MULCH. AREAS WITHIN GREY COUNTY R.O.W. TO BE FINISHED WITH 100mm TOPSOIL AND SOD.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL INSPECTIONS, PERMITS AND CERTIFICATES.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWNSHIP OF GEORGIAN BLUFFS STANDARDS, OPSS AND OBC.

ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY EACH UTILITY PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCES TO BE REPORTED IMMEDIATELY TO THE ENGINEER. LOST TIME DUE TO THE FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS WILL BE AT THE CONTRACTOR'S EXPENSE.

CONTRACTOR/OWNER TO OBTAIN PERMISSION FROM NEIGHBOURING LAND OWNERS TO CROSS PROPERTY BOUNDARY FOR ANY REQUIRED SITE WORKS.

CONSTRUCTION

THE COUNTY OF GREY MUST BE NOTIFIED A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY WORK ON GREY ROAD 1 AND APPROPRIATE PERMITS ARE TO BE IN PLACE. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A STREET OCCUPANCY PERMIT AS NECESSARY.

TRANSITIONS WITHIN THE SUBGRADE WITHIN 1.2m FROM THE TOP OF PAVEMENT SHOULD INCLUDE 3H:1V TRANSITIONS.

CONTRACTOR IS RESPONSIBLE TO HAVE IN PLACE EROSION AND SEDIMENT CONTROLS TO KEEP DOWN STREAM DITCHES/SWALES AND CULVERTS FREE FROM ACCUMULATED SEDIMENT PRIOR TO CONSTRUCTION AND DURING ACTIVITY UNTIL VEGETATION IS WELL TAKEN AND PAVING IS COMPLETE.

CONTRACTOR TO ENSURE THAT EXPOSED SLOPES ARE SUFFICIENTLY STABILIZED DURING CONSTRUCTION.

THE CONTRACTOR IS TO TEST SEWERS IN ACCORDANCE WITH THE OBC.

MATERIALS

CONCRETE TO BE 30MPa WITH 7± 1.5% AIR ENTRAINMENT.

ALL BACKFILL TO BE GRANULAR AND TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY FOR THE SUBGRADE, 100% FOR THE GRANULAR 'B' SUB-BASE AND GRANULAR 'A' BASE RESPECTIVELY.

SEWERS

ALL SANITARY FORCEMAINS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) DR-17, RATED FOR A WORKING PRESSURE OF 100PSI.

PRESSURE PIPE AND FITTINGS INSIDE PUMP CHAMBERS SHALL BE SCHEDULE 80 PVC.

GRAVITY SEWERS SHALL BE SOLID WALL PVC DR-28 WITH GASKETED BELL AND SPIGOT JOINTS WITH MINIMUM 1.5m COVER.

ALL STORM SEWERS TO BE HDPE PS 320 OR PVC DR-35.

PIPE BEDDING PER OPSD 802.010, WITH GRANULAR 'A' BEDDING AND COVER.

SEWER INSTALLATION AND TESTING PER OPSS 410.

ANY EXISTING STORM AND SANITARY SERVICES WHICH ARE CURRENTLY CONNECTED TO SEWERS TO BE REMOVED ARE TO BE EXTENDED AND RECONNECTED TO EX. SEWERS.

ALL ROOF DRAINS TO SURFACE DISCHARGE.

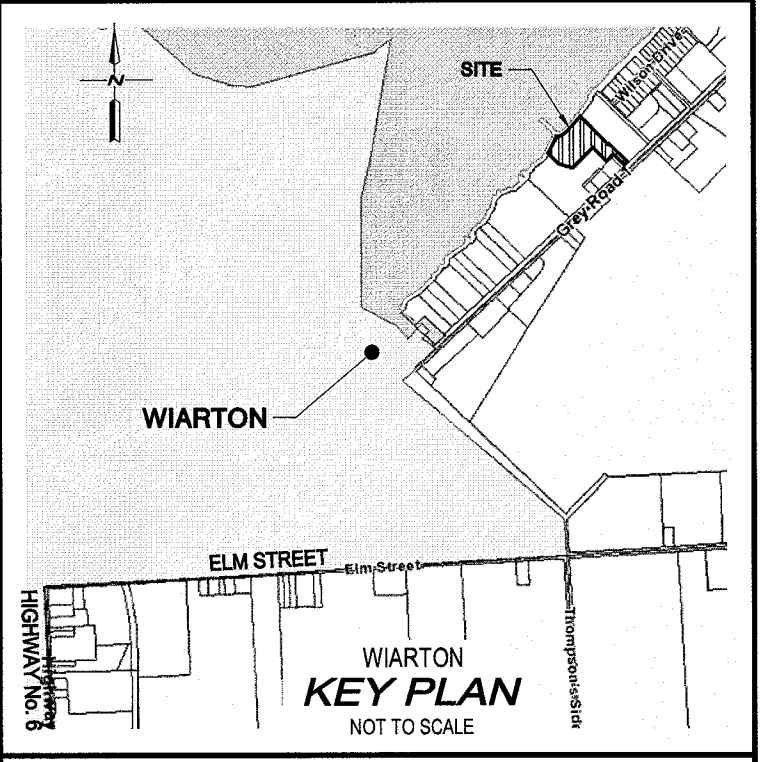
CATCHBASINS (OPSD-705.01) TO HAVE MINIMUM 600mm SUMP AND GOSS TRAP OR SNOUT ON OUTLET.

CATCHBASIN FRAMES AND GRATES TO CONFORM TO OPSD 400.01.

ALL CATCHBASINS TO BE 600 x 600mm, OPSD-705.010.

CONTRACTOR TO PROVIDE AND MAINTAIN GEOTEXTILE FILTER CLOTH UNDER ALL CATCHBASIN GRATES UNTIL PAVING IS COMPLETE.

FORCEMAIN TO HAVE 1.8m MIN. COVER.



- NOTES:**
1. ALL DIMENSIONS AND ELEVATIONS IN METRIC UNLESS OTHERWISE NOTED.
 2. LEGAL BOUNDARY SURVEY AND TOPOGRAPHICAL INFORMATION PREPARED BY IVAN DINSMORE LTD DRAWING 1046, REVISION 5, DATED SEPTEMBER 28, 2010.
 3. APPROXIMATE EXTENT OF REMEDIATED AREA AS PER FIGURE 2 IN THE PHASE 1 UPDATE OF THE ENVIRONMENTAL SITE ASSESSMENT PREPARED BY TERRAPROBE INC DATED OCTOBER 13, 2010.

CONSTRUCTION

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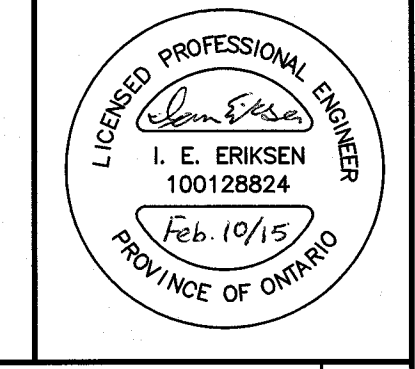
FORCEMAIN TO HAVE 1.8m MIN. COVER.

BENCH MARKS:

BENCHMARK No. 1 - TOP OF NUT ON FIRE HYDRANT LOCATED ON EASTERLY SIDE OF GREY ROAD 1 DIRECTLY ACROSS FROM CAFRAMO ENTRANCE. ELEV. = 200.44

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.



NO.	DATE	REVISION DESCRIPTION	CHKD
2	2/10/2015	ISSUED FOR N.E.C. APPROVAL	I.E.E.
1	12/11/2014	ISSUED FOR CLIENT REVIEW	I.E.E.

PROPOSED BUILDING ADDITIONS

CAFRAMO LIMITED

501273 GREY ROAD 1,
TOWNSHIP OF GEORGIAN BLUFFS

NOTES, DETAILS AND DRIVEWAY RELOCATION DETAILS

DRAWN BY:	APPROVED BY:	PROJECT NO.:	DRAWING NO.:
K.B.	I.E.E.	214154-1	SP6
DESIGNED BY:	DATE:	SCALE:	AS SHOWN
I.E.E.	DEC. 2014		

BluePlan Engineering Inc. 1260 - 2nd Avenue East, Unit 1, Owen Sound, ON N4K 2J3
 I. E. ERIKSEN, P. ENG. (1998), P. ENG. (2001), P. ENG. (2004), P. ENG. (2007), P. ENG. (2010), P. ENG. (2013)
 JUST SAUNDERS, P. ENG. (2005), P. ENG. (2008), P. ENG. (2011), P. ENG. (2014)