TOWN OF CALEDON
PLANNING
RECEIVED
Mar 05, 2021

FILENAME: O:\1731\1731-G1,G2,G3-VARIANCE.dwg
PLOTDATE: Mar 02, 2021 - 4:49pm
PLOTTED BY: fanche

RETAINING WALL

NORTH LIMIT OF BOLTCOL LANDS

PROPERTY LINE

PHASE 2 BUILDING PAD AREA TO BE STABILIZED WITH SEED UNTIL COMMENCEMENT OF CONSTRUCTION

PHASE 2 BUILDING PAD LIMIT

PROPOSED LIMIT OF DEVELOPMENT

UPDATED WETLAND 30m OFFSET TRCA MEETING JAN 30/19

LIMIT OF REGRADING

LOT 1
41.00 AC (1,785,891 SF)

ALL CB/CBMHs IN PHASE 2 PAVED AREA TO BE EQUIPPED WITH SILT SACKS (TYP). TO BE INSPECTED PERIODICALLY AND AFTER RAINFALL EVENTS.

PHASE 2
COMPLETION 2021

FFE=237.50

PHASE 2
438,083.3 SF
40,699.3 SM

PROPOSED BUILDING 1
890,175 SF
82,699.99 SM

PHASE 1
452,091.7 SF
42,000.69 SM

PROVIDE TEMP. BULKHEAD IN DCBMH 115, NORTH INLET TO HALF DIAMETER DEPTH. SEDIMENT TO BE REMOVED WHEN BUILD UP EXCEEDS 0.50m DEPTH.

PROVIDE TEMP. BULKHEAD IN DCBMH 109, NORTH INLET TO HALF DIAMETER DEPTH. SEDIMENT TO BE REMOVED WHEN BUILD UP EXCEEDS 0.30m DEPTH.

CONTROL ROOF PH2 FLOW 239.2l/s

CONTROL ROOF PH1 FLOW 239.2l/s

CONTROL FLOW ROOF DRAIN TO BE THALER RD-14A WITH A TOTAL OF 350 NOTCHES DISTRIBUTED BETWEEN THE DRAINS RATED AT 23 l/min/inch head

TOTAL CONTROL ROOF FLOW 478.3l/s

OVERLAND STORM INLET STRUCTURE DB 253 2400mmX3000mm HONEYCOMB GRATE OPSD-403.010 TOP 234.70 SEE DETAIL PLAN C-2

OVERLAND REGIONAL STORM INLET 26.0m WIDE OVERFLOW CABLE CONCRETE CC45 $Q_{REG\ EXT}$=4.38m³/s $Q_{DEP\ NORTH}$= 3.76m³/s $Q_{REG\ TOTAL}$=8.14m³/s

10.0m WIDE CABLE CONCRETE CC45 AT STM INLET

1:1 ASPHALT SLOPE TO BE CONSTRUCTED UNDER DIRECTION OF GEOTECHNICAL ENG.

STONE INFILTRATION TRENCH 79m LONG x 23m WIDE x 1.2m HIGH WITH 2-600mm PERFORATED HDPE PIPES. REFER TO INFILTRATION TRENCH DETAILS FOR BUILDING 1 ON SHEET C-1

CONTRACTOR TO BE RESPONSIBLE FOR LOCATING THE LOCATION OF ALL EXISTING UNDERGROUND AND ABOVE UTILITIES AND SERVICES. THE CONTRACTOR SHALL ADVISE THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION. VARIOUS UTILITIES CONCERNED TO BE GIVEN REQUIRED ADVANCED NOTICE PRIOR TO ANY DIGGING, FOR STAKE OUT. A.M. CANDARAS ASSOCIATES INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

NOTE: ALL CATCHBASINS ON-SITE TO BE FITTED WITH FILTER CLOTHS AS PER CB TRAP DETAIL ON DRAWING C-1.

REFER TO DRAWING C-1 FOR GENERAL NOTES, STANDARDS AND CONSTRUCTION DETAILS.

MATCHLINE

LEGEND			
x 235.10	PROPOSED FIN. GRADE	M.H.	EXISTING STM MANHOLE
T/C 235.10	PROPOSED TOP OF CURB	C.B	PROPOSED CATCH BASIN
250.65	EXISTING ELEVATION	D.C.B.	PROPOSED DOUBLE CATCH BASIN
250.65	EXISTING CONTOUR	DCBMH	PROPOSED DOUBLE CATCH BASIN MANHOLE
	MAN DOOR LOCATIONS	M.H. SAN	PROPOSED SANITARY MANHOLE
	OVERHEAD DOOR LOCATIONS	M.H. STM	PROPOSED STORM MANHOLE
	DRIVE IN DOOR		TEMPORARY STONE MUD MAT
M.H.	EXISTING SAN MANHOLE	SILT	SILT FENCE
	CATCHBASIN SEDIMENT TRAP		
	OVERLAND FLOW DIRECTION		
	VALVE AND BOX		
	HYDRANT AND VALVE		
	LIMIT OF CONSTRUCTION		
BH1/MW 1A/1B GWL 234.4/234.0	BOREHOLE/MONITOR WELL		
	GROUNDWATER CONTOUR		
	CLAY SERVICE PLUG		

ESC-1
SHEET
RZ 19-06 / SPA 19-44

JOB NO.:	SCALE:	DRAWN BY:	P.A. / PM:
1731	1:500	F.P.	A.M.C.

LOT 1 - BUILDING 1
INTERIM ESC PLAN

	DATE	REMARKS
1	2017-10-03	1ST SUBMISSION
2	2018-03-22	ISSUED TO TOWN OF CALEDON FOR SPA
3	2018-05-16	FIRE LOOP & HYD ADDED AROUND BUILDING
4	2018-10-02	ISSUED TO TOWN FOR SPA
5	2018-10-15	SPRINKLER RISER CONNECTIONS ADDED
6	2018-10-26	ISSUED FOR PERMIT
7	2018-11-19	REVISED GRADING EAST DRIVEWAY
8	2019-04-02	ISSUED TO TOWN OF CALEDON
9	2019-07-29	ISSUED TO TOWN FOR SPA
10	20-01-13	REV PER REGION COMMENTS
11	20-02-20	REV PER TOWN COMMENTS
12	20-05-05	PH2 STM CONNECTION ADDED
13	20-06-15	REV SITE PLAN/RETAINING WALL
14	21-03-02	REV AS PER TOWN COMMENTS

TRIOVEST REALTY ADVISORS

BOLTCOL HOLDINGS NORTH
GEORGE BOLTON PARKWAY
BOLTON, ONTARIO, CANADA
VARIANCE SPA#: 19-44 / RZ 19-06

LICENSED PROFESSIONAL ENGINEER
MAR 2/2021
A. M. CANDARAS
PROVINCE OF ONTARIO

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PLOT DATE: Tue, 02 Mar 2021 PROJECT SET

Region of Peel: C-600609