

CONFERENCE CENTER
530 GUELPH STREET

TOWN OF HALTON HILLS
REGION OF HALTON



DRAWING

TITLE

C101	REMOVALS, EROSION & SEDIMENT CONTROL PLAN
C102	SITE SERVICING PLAN
C103	SITE GRADING PLAN
FIG1	PRE-DEVELOPMENT DRAINAGE PLAN
FIG2	POST-DEVELOPMENT DRAINAGE PLAN

TOWN OF HALTON HILLS
1 HALTON HILLS DRIVE
HALTON HILLS, ONTARIO
L7G 5G2

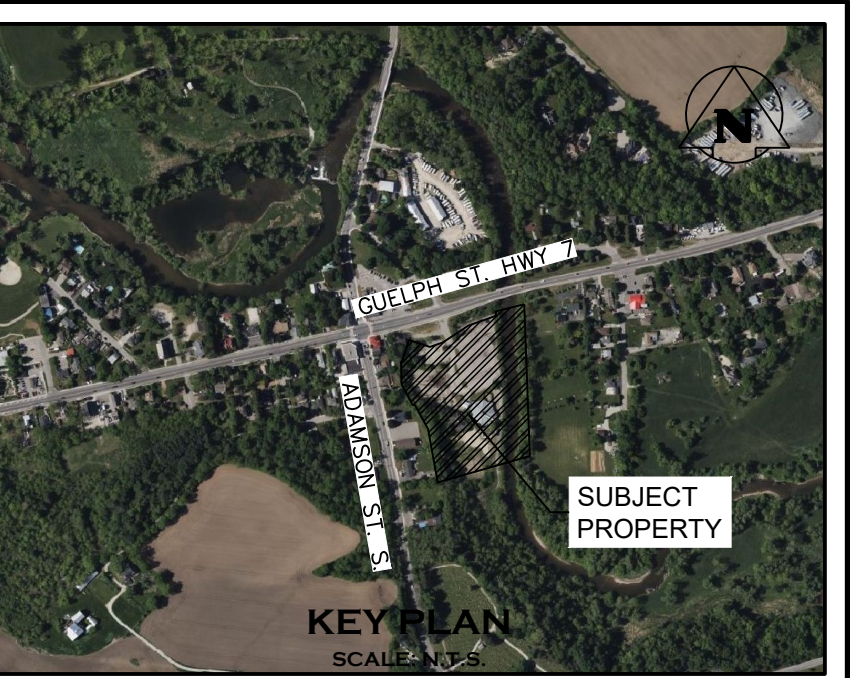
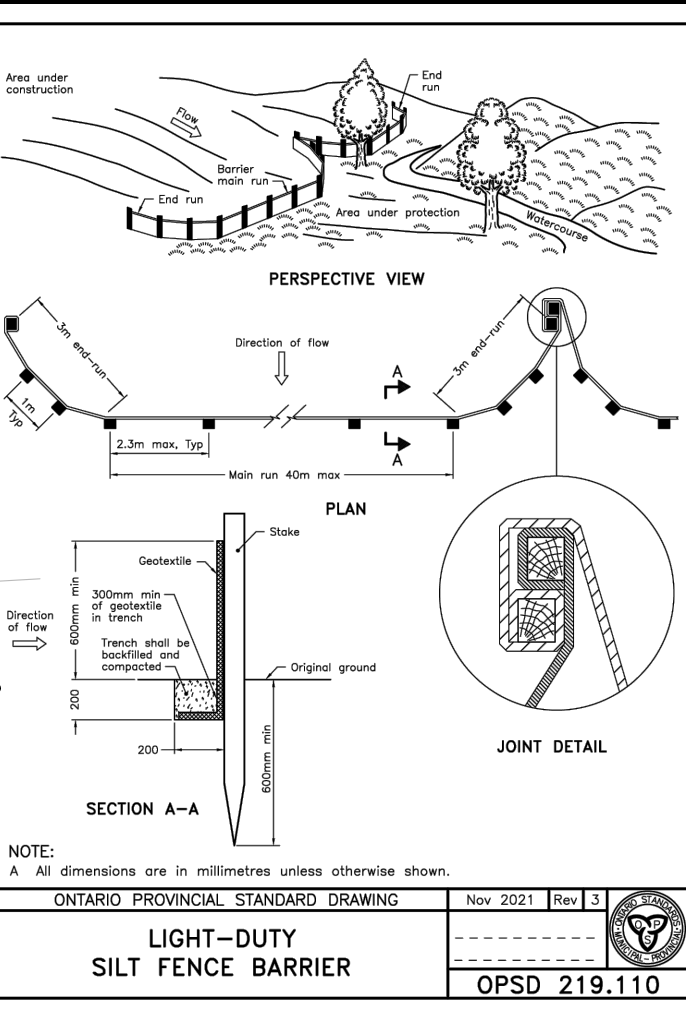
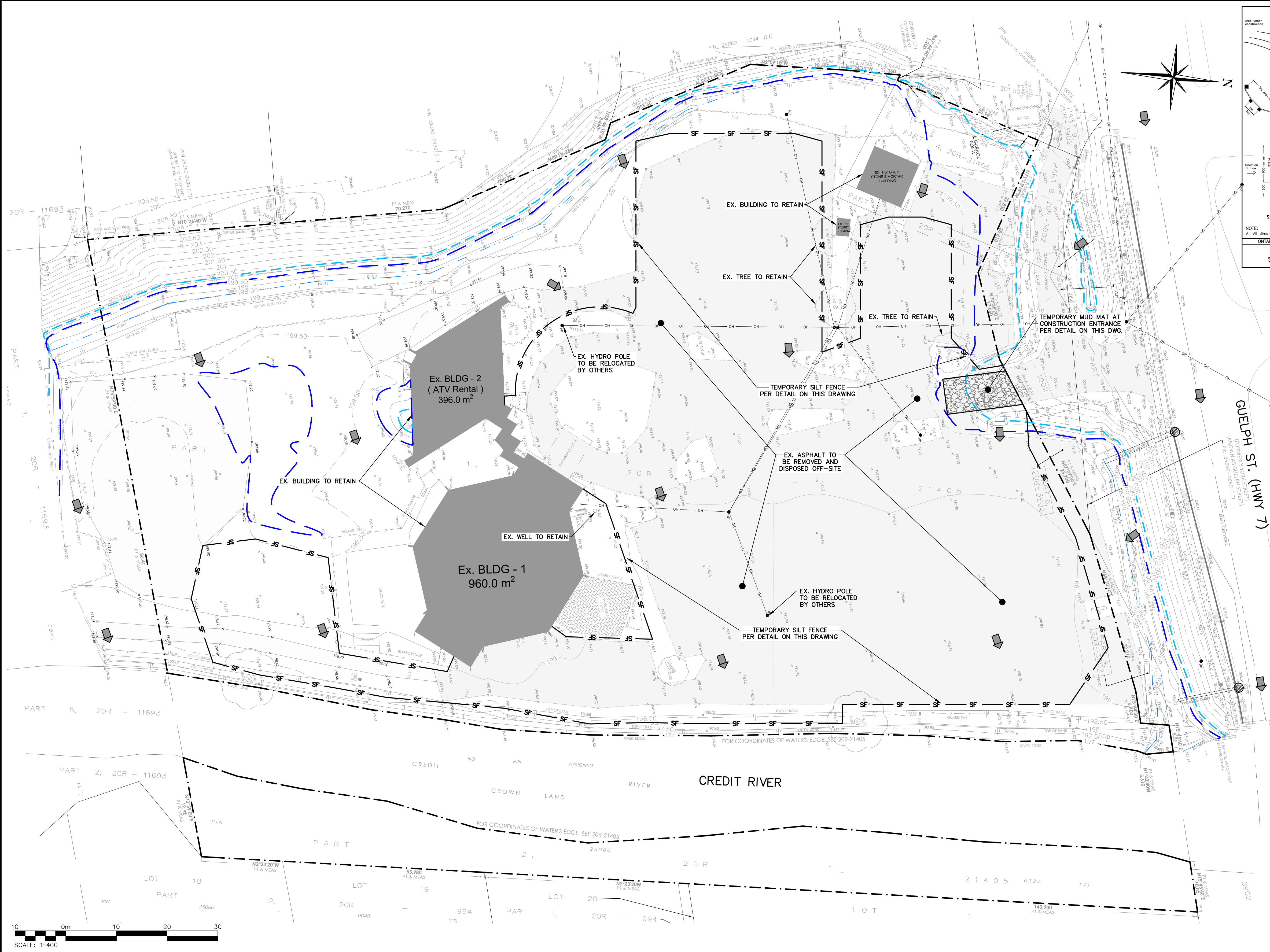
REGION OF HALTON
1151 BRONTE ROAD
OAKVILLE, ONTARIO
L6M 3L1

HALTON MANAGEMENT INC.
162 GUELPH STREET
GEORGETOWN, ONTARIO
L7G 4A6

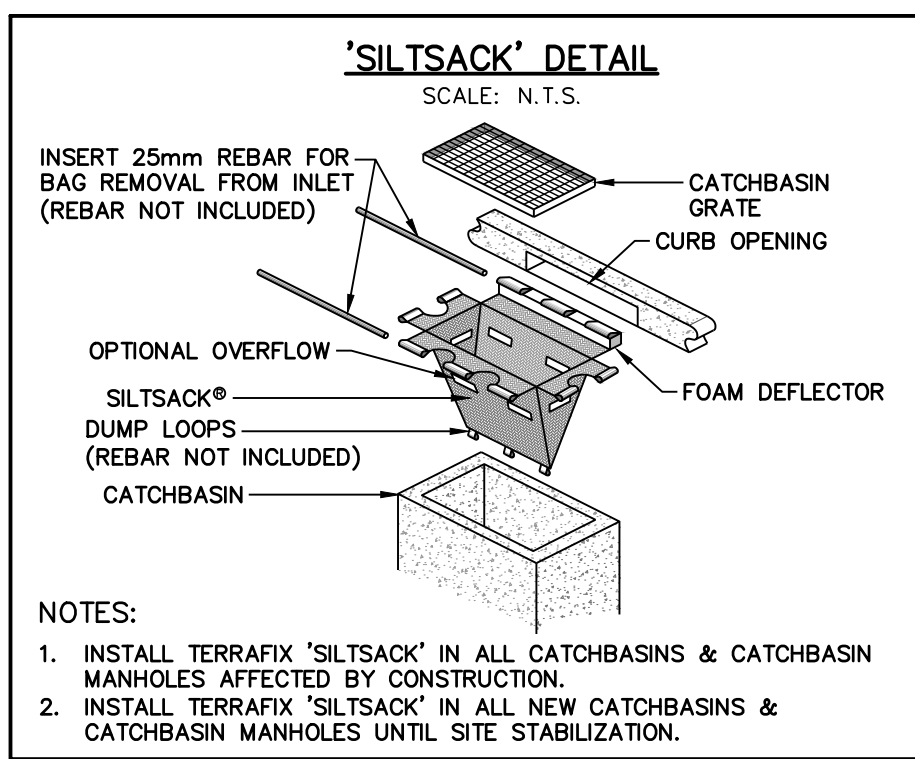
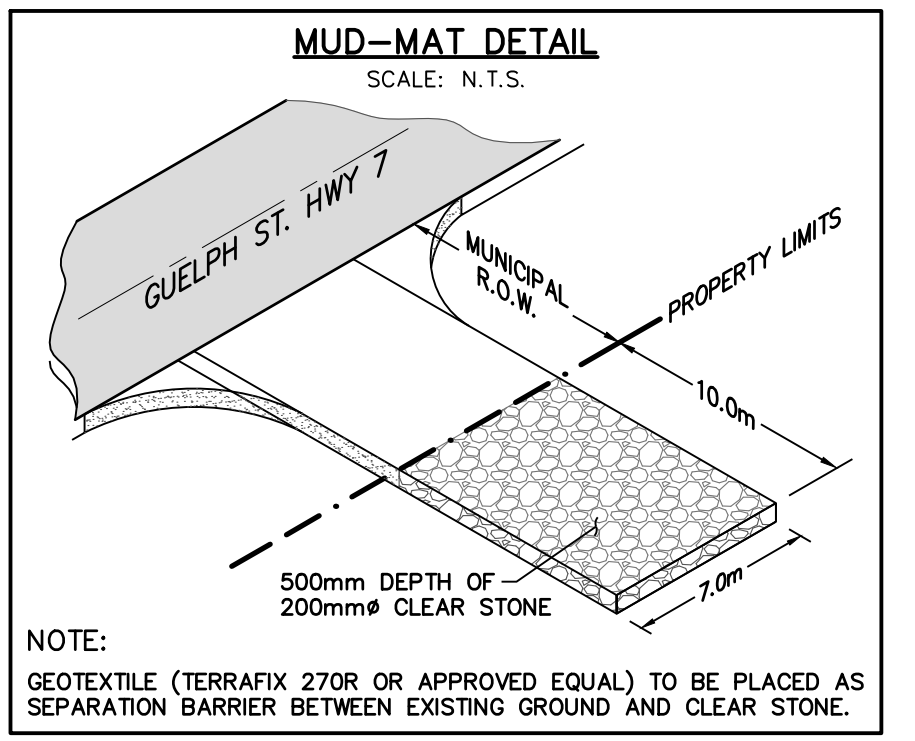
DEVELOPER'S CIVIL ENGINEER



PROJECT No.: 2783-7276



LEGEND	
	PROPERTY LINE
	EXISTING CONTOUR (0.5m)
	EXISTING CONTOUR (1.0m)
	EXISTING GRADE
	EXISTING OVERLAND FLOW DIRECTION
	MUD-MAT; SEE DETAIL ON THIS PLAN
	PR. SEDIMENT CONTROL FENCE
	TEMPORARY CATCHBASIN SILTATION CONTROL DEVICE. (SILTSACK) SEE DETAIL ON THIS PLAN
	EXISTING REGIONAL FLOODLINE - 200.23
	EXISTING 100 YEAR FLOODLINE - 199.63



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TEMPORARY BENCHMARKS:
ELEVATIONS ARE BASED ON GPS OBSERVATIONS FROM PERMANENT REFERENCE STATIONS IN THE NAD83 (CSRS-2010) COORDINATE SYSTEM, WITH HEIGHTS CONVERTED TO ORTHOMETRIC ELEVATIONS ON THE CGVD28 DATUM (1978 ADJUSTMENT) WITH GEOID MODEL HTV2.0, AS SUPPLIED BY NATURAL RESOURCES CANADA.
SITE BENCHMARK #1: PK NAIL IN HYDRO POLE, HAVING AN ELEVATION OF 200.47 METRES.
SITE BENCHMARK #2: PK NAIL IN HYDRO POLE, HAVING AN ELEVATION OF 200.00 METRES.
SURVEY COMPLETED BY VAN HARTEN SURVEYING INC. (NOVEMBER 11, 2024)

BEARING AND COORDINATE NOTES:
1. BEARINGS ARE GRID BEARINGS DERIVED FROM GNSS OBSERVATIONS AND ARE REFERRED TO THE UTM PROJECTION, ZONE 17, NAD 83 (CSRS-2010) ADJUSTMENT.
2. COORDINATES ON THIS PLAN ARE UTM, ZONE 17, NAD 83 (CSRS-2010) ADJUSTMENT AND ARE BASED ON GPS OBSERVATIONS FROM A NETWORK OF PERMANENT GPS REFERENCE STATIONS.
SITE PLAN NOTES:
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PROJECT No. 24-108
DRAWING No. A-101 01 DATE RECEIVED 2025/JULY/17

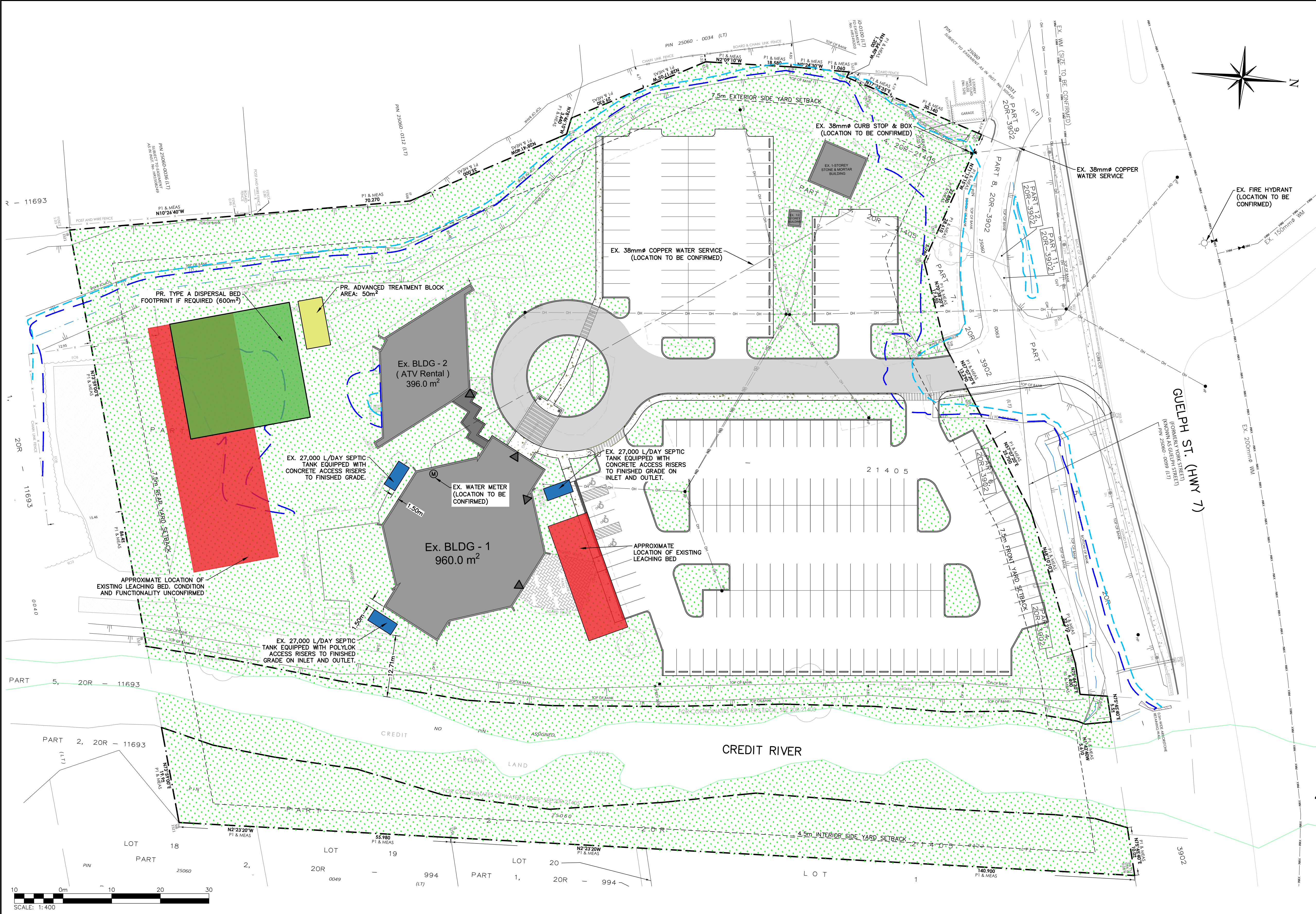
No.	ISSUE	DATE: MMM/DD/YYYY
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FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

Project: CONFERENCE CENTER
530 GUELPH STREET
NORVAL, ONTARIO
Drawing: REMOVALS, EROSION AND SEDIMENT CONTROL PLAN

CROZIER
CONSULTING ENGINEERS

Drawn By	R.L.	Design By	R.L.	Project	2783-7276
Check By	N.C.	Check By	N.C.	Drawing	C101



LEGEND	
	PROPERTY LINE
	EXISTING DITCH
	EXISTING WATERMAIN & GATE VALVE
	EXISTING SINGLE / DOUBLE CATCHBASIN
	EXISTING FIRE HYDRANT & VALVE
	EXISTING WATER SERVICE
	EXISTING WATER METER
	SETBACK LIMIT
	EXISTING ASPHALT PARKING LOT LIMIT
	EXISTING REGIONAL FLOODLINE - 200.23
	EXISTING 100 YEAR FLOODLINE - 199.63
	EXISTING SEPTIC TANK
	EXISTING LEACHING BED
	PROPOSED LEACHING BED
	PROPOSED ADVANCED TREATMENT BLOCK

ON-SITE SEWAGE SYSTEM GENERAL NOTES	
LOCATIONS OF SEPTIC TANKS AND LEACHING BEDS ARE APPROXIMATE AND HAVE NOT BEEN CONFIRMED THROUGH DETAILED TOPOGRAPHIC SURVEY.	
ON-SITE SEWAGE SYSTEM DESIGN NOTES	
PEAK FLOW	Q = 27,000 L/DAY
SOIL PERCOLATION RATE	T = 5 min/cm (AS PER APPLICATION FOR DATE APPROVAL DATED AUGUST 17, 2007)
EX. TREATMENT UNIT	LEVEL IV TREATMENT UNIT RATED FOR 27,000 L/DAY
TYPE A DISPERSAL BED STONE AREA	MIN. STONE AREA = Q/50 = 27,000/50 = 540 m ² PROVIDED STONE AREA = 600m ²
TYPE A DISPERSAL BED SAND AREA	MIN. SAND AREA = Q/850 = 27,000*5/850 = 159 m ² PROVIDED SAND AREA = 600m ²

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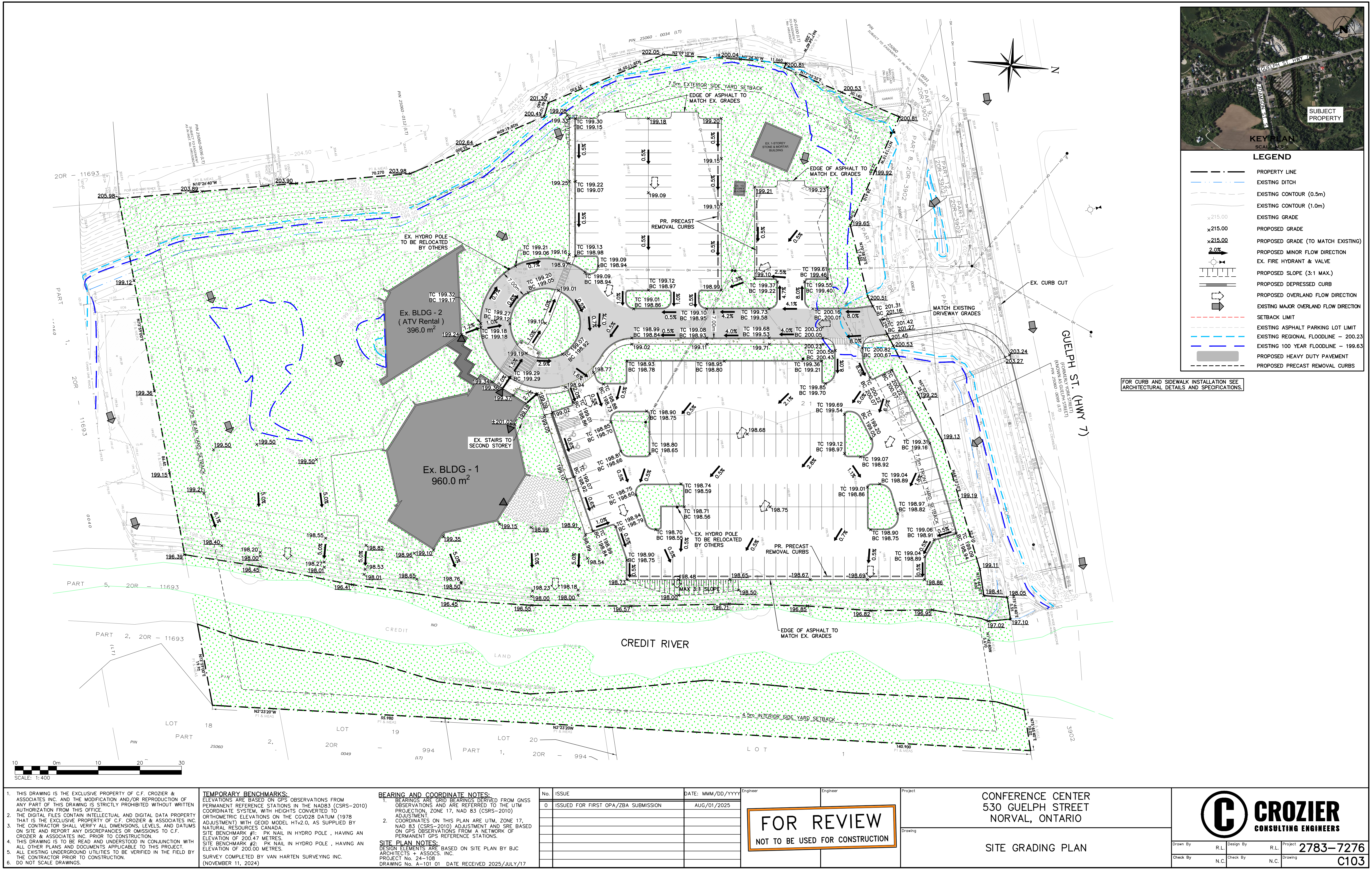
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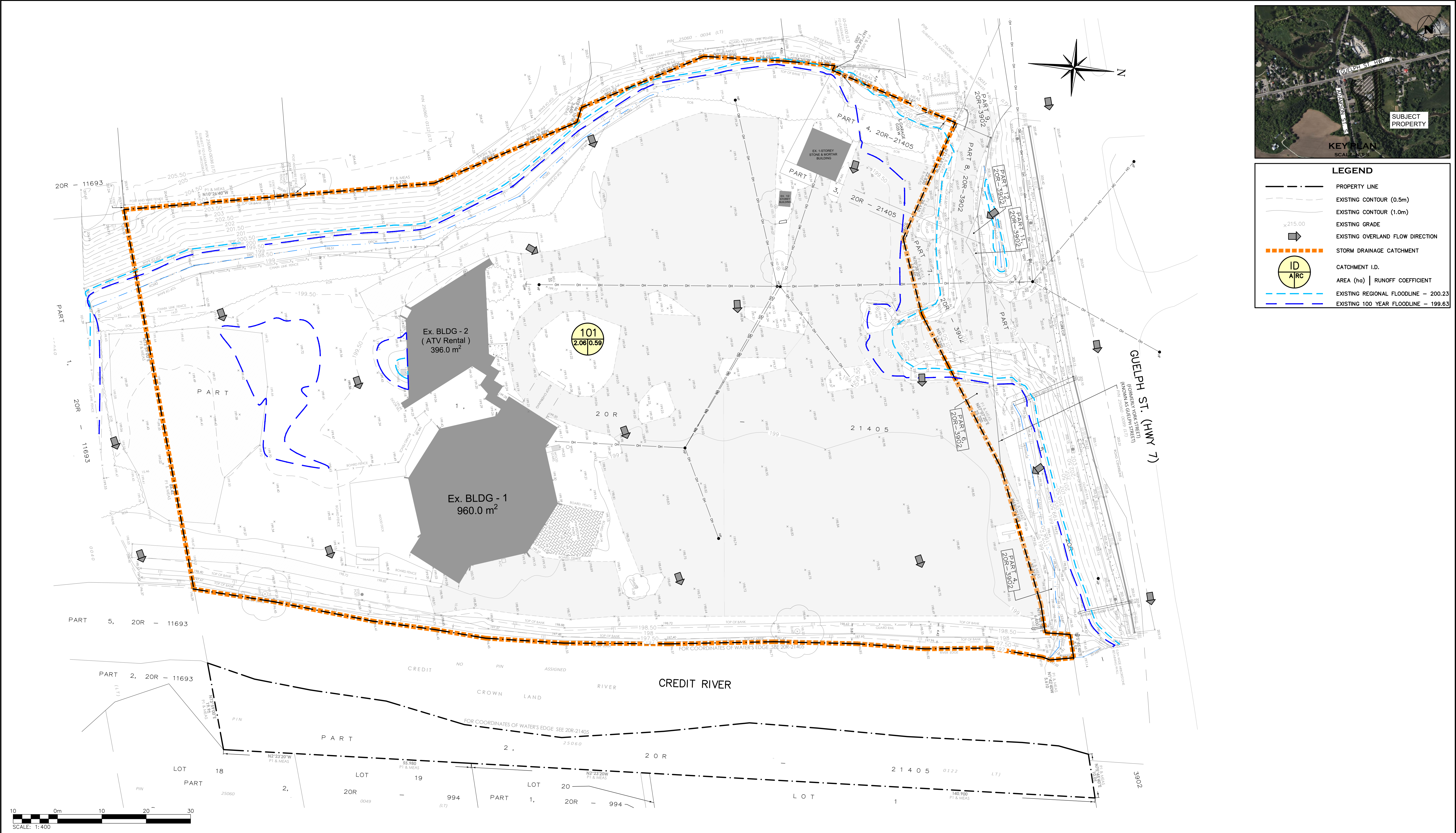
Project		CONFERENCE CENTER 530 GUELPH STREET NORVAL, ONTARIO	
Drawing		SITE SERVICING PLAN	

Drawn By	R.L.	Design By	R.L.	Project	2783-7276
Check By	N.C.	Check By	N.C.	Drawing	C102

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regan\le\DC\ACCDocs\crozier consulting engineers\2783-7276 - 530 guelph street\project files\Civil\Sheets\2726 - 530 guelph street\FIG1.dwg, 7/30/2025 3:48:50 PM, AutoCAD (General Documentation).pc3



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Drawing: PRE-DEVELOPMENT DRAINAGE PLAN



CROZIER
CONSULTING ENGINEERS

Drawn By	R.L.	Design By	R.L.	Project	2783-7276
Check By	N.C.	Check By	N.C.	Drawing	FIG1

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