

SITE LOCATION

TOWN OF COLLINGWOOD
97 HURONTARIO STREET
COLLINGWOOD, ONTARIO, L9Y 2L8

31 HURON STREET INC. (STREETCAR)
1230 DUNDAS STREET EAST
TORONTO, ONTARIO, M4M 1S3

CROZIER
CONSULTING ENGINEERS

admiral building,
1 FIRST Street, Suite 200,
Collingwood, ON L9Y 1A1
705 446-3510 T
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www.cfcozrier.ca
info@cfcozrier.ca

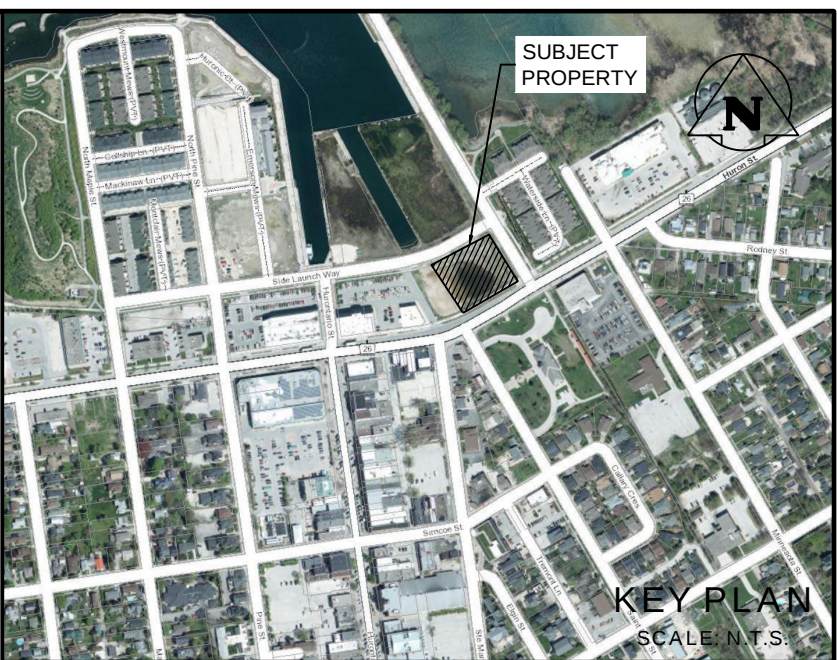
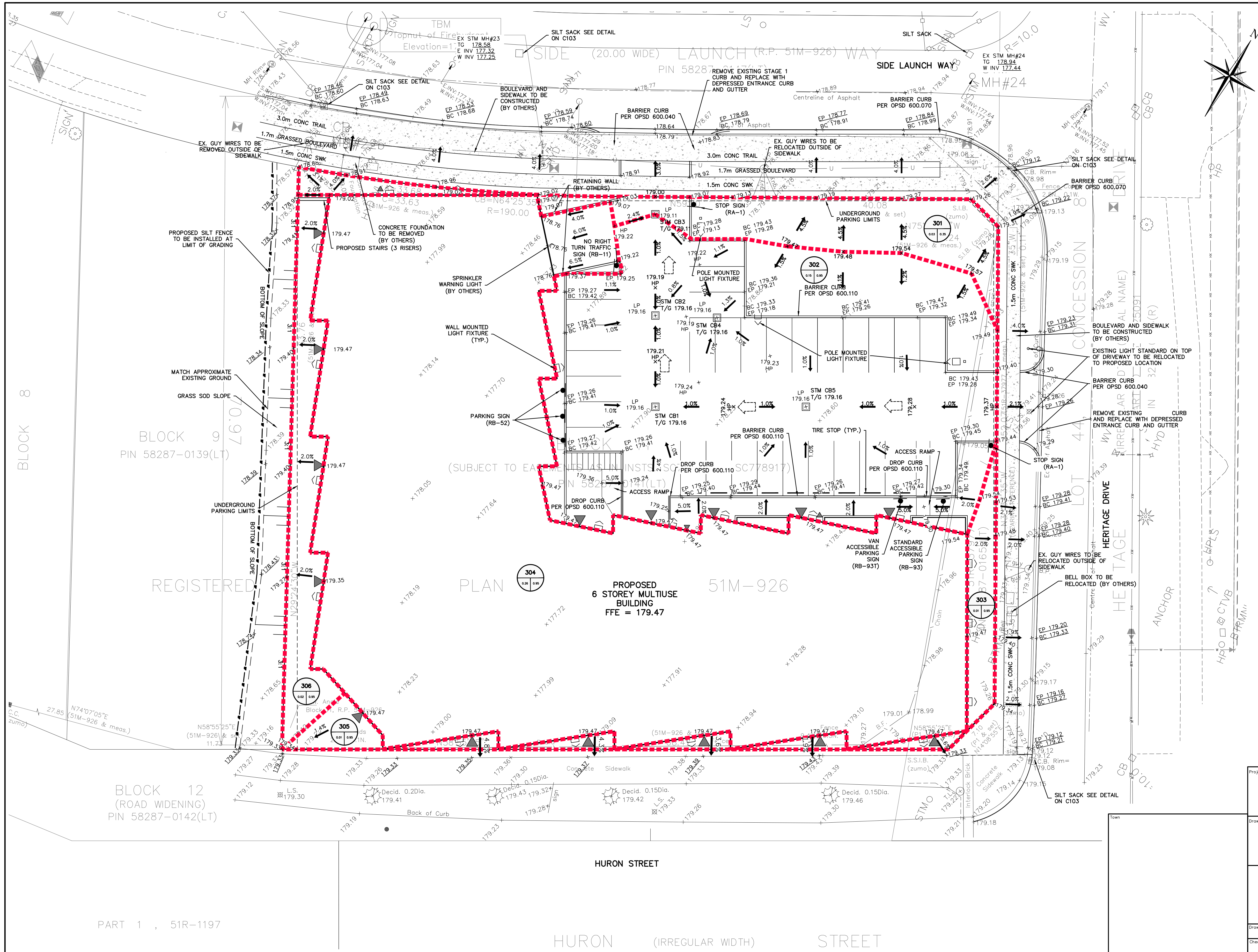
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C100	TITLE PAGE
C101	GENERAL SITE SERVICING PLAN
C102	OVERALL SITE GRADING PLAN & SEDIMENT & EROSION CONTROL PLAN
C103	CONSTRUCTION NOTES & DETAILS

	PR. PROPERTY LIMITS
	PR. ELEVATION
	PR. ELEVATION (MATCH EX. ELEVATION)
	PR. SWALE & SLOPE
	PR. DITCH DRAINAGE
	PR. WATERMAIN & VALVE
	PR. WATER SERVICE
	PR. FIRE HYDRANT & VALVE
	PR. WATER VALVE CHAMBER
	PR. WATER QUALITY TESTING STATION
	PR. SANITARY SEWER & MANHOLE
	PR. SANITARY FORCEMAIN
	PR. SANITARY SERVICE
	PR. SANITARY CATCHMENT
	CATCHMENT AREA ID
	AREA (ha)
	POPULATION (3.5 p.p.u.)
	PR. STORM SEWER & MANHOLE
	PR. CATCHBASIN
	PR. DOUBLE CATCHBASIN
	PR. CATCHBASIN MANHOLE
	PR. DOUBLE CATCHBASIN MANHOLE
	PR. STORM CATCHMENT
	CATCHMENT AREA ID
	RUNOFF COEFFICIENT
	DRAINAGE AREA (ha)
	PR. CURB CUT
	PR. CANADA POST COMMUNITY MAIL BOX
	PR. TRANSFORMER
	PR. STOP SIGN
	PR. NAME SIGN
	PR. NO PARKING SIGN
	PR. FENCE
	PR. BUILDING ENVELOPE
	PR. LIGHT DUTY SILT FENCE
	PR. HEAVY DUTY SILT FENCE
	PR. STRAW BALE CHECK FLOW
	PR. ROCK CHECK DAM
	PR. SLOPE (3:1 MAX.)
	PR. TREE PRESERVATION AREA
	PR. TOPSOIL STOCKPILE LOCATION
	PR. MODULAR TREE PROTECTION FENCE

PROJECT No.: 1838-5493
SECOND Submission



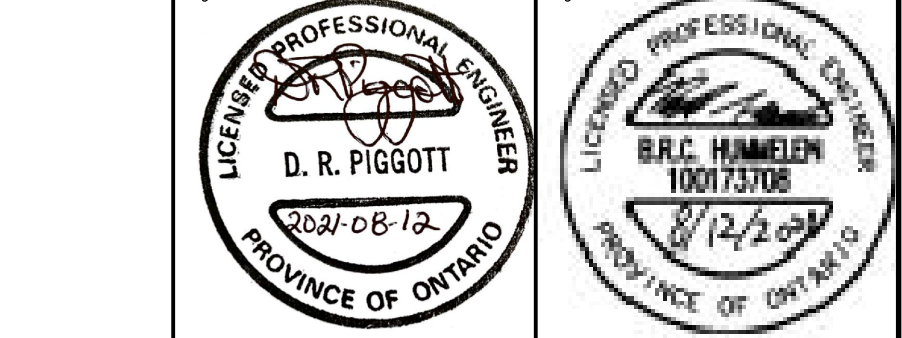
- BC XXX.XX
EP XXX.XX
- 215.00
- 2.0%
- PROPOSED GRADE
- PROPOSED GRADE (TO MATCH EXISTING)
- PROPOSED MINOR FLOW DIRECTION
- BUILDING ENTRANCE (PERSONNEL DOOR)
- BUILDING ENTRANCE (OVERHEAD DOOR)
- PROPOSED MAJOR OVERLAND FLOW DIRECTION
- PROPOSED SLOPE (3:1 MAX.)
- STORM DRAINAGE CATCHMENT

REFER TO LANDSCAPE PLANS FOR PAVING MATERIAL



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- DO NOT SCALE THE DRAWINGS.
- ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

TEMPORARY BENCHMARKS	
TBM#1-179.80 TOP NUT OF FIRE HYDRANT ON THE NORTH SIDE OF THE 31 HURON STREET DEVELOPMENT ON THE SOUTH SIDE OF SIDE LAUNCH WAY.	
No.	ISSUE
1	ISSUED FOR FIRST SUBMISSION
2	ISSUED FOR SECOND SUBMISSION



HARBOUR HOUSE DEVELOPMENT
TOWN OF COLLINGWOOD

OVERALL SITE GRADING PLAN
& SEDIMENT & EROSION CONTROL PLAN

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Drawn By	J.A.P.	Design By	M.V.R.	Project	1838-5493
Check By	B.H.	Check By	K.M.	Scale	1:200
				Drawing	C102

A) GENERAL - CONSTRUCTION

- ## B) PARKING LOT AND ENTRANCES

- ### C) SANITARY SEWERS

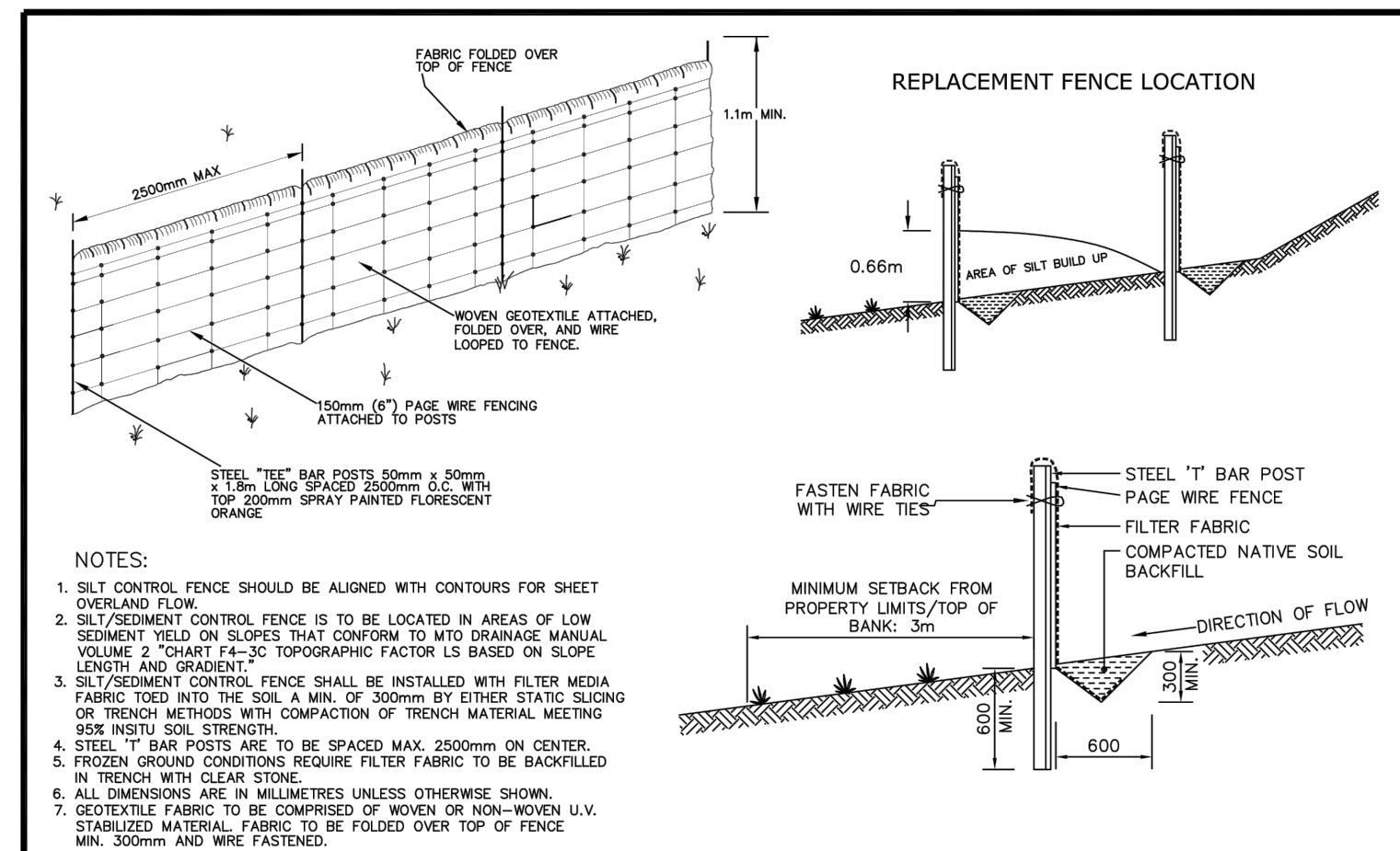
- #### D) WATERMAINS

- ### E) STORM SEWERS

- ## SEDIMENT AND EROSION CONTROL

A) GENERAL – CONSTRUCTION

-
- 'SILTSACK' DETAIL**
SCALE: N.T.S.
- Diagram illustrating the components and assembly of the 'SILTSACK' detail:
- CATCHBASIN GRATE**: The top cover of the catchbasin.
 - CURB OPENING**: The opening in the curb where the silt sack is installed.
 - FOAM DEFLECTOR**: A component that directs flow into the silt sack.
 - SILTSACK®**: The main collection device, shown in an exploded view and a perspective view.
 - DUMP LOOPS (REBAR NOT INCLUDED)**: Loops on the silt sack for securing it with rebar.
 - OPTIONAL OVERFLOW**: A feature on the silt sack for excess flow.
 - INSERT 1" REBAR FOR BAG REMOVAL FROM INLET (REBAR NOT INCLUDED)**: A rebar used to facilitate the removal of the silt sack.
 - CATCHBASIN**: The concrete structure housing the silt sack.

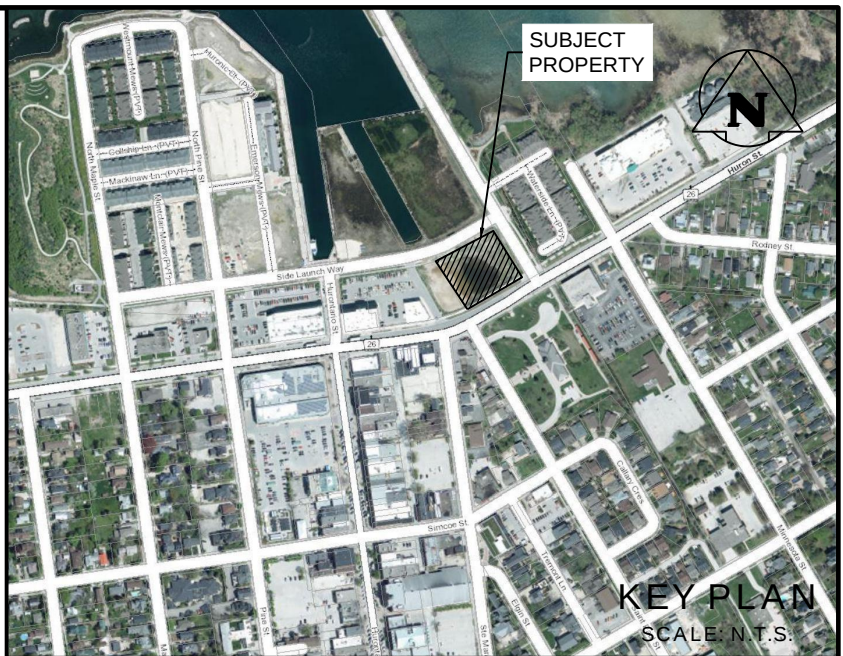


 Nottawasaga Valley Conservation Authority					APR'D:	DATE: 03.03.06
					DRAWN: A.S.C	SCALE: NTS
TYPICAL DETAIL OF SILT/SEDIMENT FENCE					BSD-23 DRAFT	
	NO.	REVISION	APR'D	DATE		

SCALE: N.T.S.

NOTES:

- [illegible]

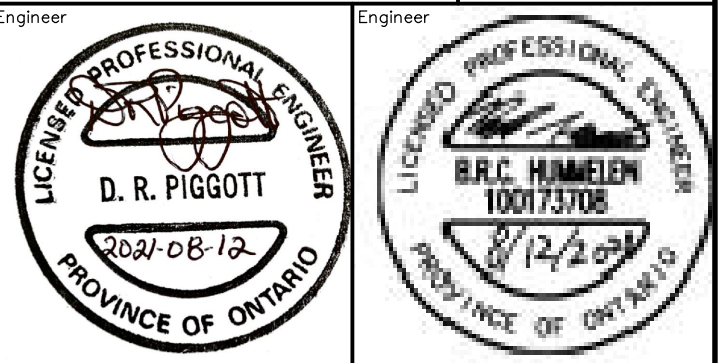


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TEMPORARY BENCHMARKS

TBM#1-179.80
TOP NUT OF FIRE HYDRANT ON THE NORTH SIDE OF THE 31 HURON
STREET DEVELOPMENT ON THE SOUTH SIDE OF SIDELAUNCH WAY.

No.	ISSUE	DATE: MM/DD/YYYY
1	ISSUED FOR FIRST SUBMISSION	07/31/2020
2	ISSUED FOR SECOND SUBMISSION	08/12/2021



Project				
HARBOUR HOUSE DEVELOPMENT TOWN OF COLLINGWOOD				
Drawing				
CONSTRUCTION NOTES AND DETAILS				
 CROZIER CONSULTING ENGINEERS The HarbourEdge Building, 40 Huron Street, Suite 301, Collingwood, ON L5Y 4R3 705 446-3510 T 705 446-3520 F www.ccrozier.ca info@ccrozier.ca				
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