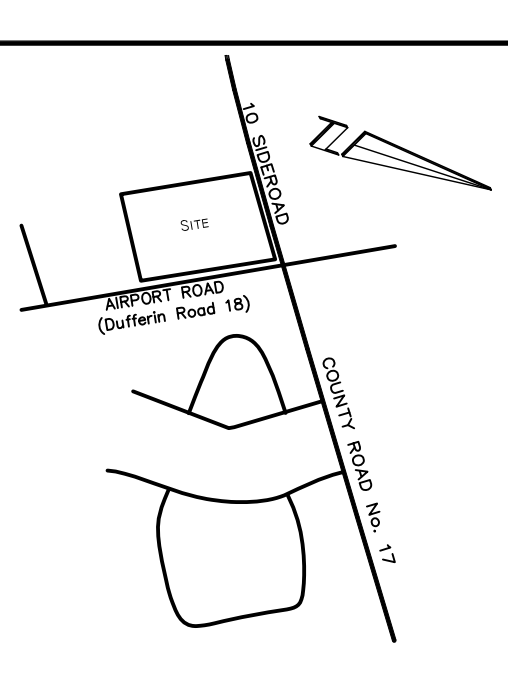


Area Drainage pattern	
Area draining to Sideroad 10	= 379 m ²
Area draining to South ditch	= 876 m ²
Area draining to Airport Rd	= 4108 m ²
Total	5363 m²

Ex. Landuse for development area	
Pasture/green areas	= 4321 m ²
Gravel	= 1042 m ²
Total Drainage area	= 5363 m²

Proposed landuse	
Controlled area	
Roofs	
Roof - Canopy	= 223 m ²
- Building	= 280 m ²
Total	= 503
Non Roof Area	
Landscape	= 1555 m ²
Concrete & asphalt	= 2756 m ²
Total	= 4311 m²
Percent Imperviousness	= 76 %
Uncontrolled area	
Landscape	= 420 m ²
Pavement	= 129 m ²
Total	549 m²
Percent Imperviousness	= 23 %
Total for site	5363 m²

Drainage Area	
Area A1	
Landscape + septic bed	0.1100 ha
Imperviousness	0 %
Area A2	
Canopy - roof	0.0223 ha
Imperviousness	99 %
Area A3	
Building	0.0280 ha
Hard surface	0.2756 ha
Landscape	0.0455 ha
Imperviousness	87 %
Total for A 3	0.3491 ha
Total A1 + A2 + A3	0.4814 ha



LEGEND	
	PROPOSED ELEVATION
	DENOTES PROPOSED MANHOLE
	DENOTES EXISTING ELEVATION
	DENOTES CATCH BASIN
	DENOTES HYDRO POLE
	DENOTES TRAFFIC SIGNAL POLE
	DENOTES WATER VALVE
	OVERHEAD HYDRO WIRE
	DIRECTION OF DRAINAGE FLOW
	OVERLAND FLOW ROUTE
	EXTENT OF DETENTION PONDING
	SIB
	TOP OF GRATE OR CB
	EXISTING WATER MAIN
	PROPERTY LINE
	100% FLOOD WATER LEVEL
	SNOW STORAGE
	CONCRETE
	EX. BELL PEDESTAL
	SOD
	EX. ROAD SIGN

LEGEND COMMON TO ALL DESIGN DRAWINGS
SEE SURVEY DRAWING FOR OTHER SYMBOLS



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No.	Revisions	Date
1	1st Submission comments	2017 01 11
2	2nd Submission comments	2017 06 23
3	3rd Submission comments	2017 09 10
4	4th Submission comments	2017 11 17
5	5th Submission comments	2017 12 24
6	6th Submission comments	2018 06 06
7	7th Submission comments	2018 07 28

PROJECT:
GAS BAR &
CONVENIENCE STORE
AIRPORT ROAD
MULMUR, ONTARIO

DRAWING NAME:
**EXISTING & Proposed
DRAINAGE**

ENGINEER:
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PROFESSIONAL SEAL
R. DHARAMDIAL
LICENSED PROFESSIONAL ENGINEER
ONTARIO
July 28, 2018

PROJECT:	GAS BAR & CONVENIENCE STORE AIRPORT ROAD MULMUR, ONTARIO
DRAWING NAME:	EXISTING & Proposed DRAINAGE
ENGINEER:	RD
PROJECT DATE:	2017 07 13
SCALE:	1:1400
DRAWING NAME:	SSG - 4