PRE DEVELOPMENT DRAINAGE AREA DRAINAGE AREA AREA RUNOFF CURVE
NUMBER (M²) NUMBER 1 EXISTING BUILDING EXISTING BUILDING
TO BE DEMOLISHED GRAVEL 410 89 56 DUTCH
COMPOUND COMPOSITE CN = 90.7 APPROXIMATE 25M² x 0.6M DEEP STORMWATER MANAGEMENT POND SETTLEMENT ROAD LOT 89-2X
10/10/2/
STORAGE REQUIRED UNDER PRE-DEVELOPMENT = 69M ³ POST DEVELOPMENT DRAINAGE AREA DRAINAGE AREA RUNOFF CURVE FEATURE (M ²) NUMBER PROPOSED BUILDING FOR DEVELOPMENT DRAINAGE AREA TO POND POLISHING WETLAND 10M x 2M x 0.3m DEEP
PROPOSED 500 98 POLISHING WETLAND 10M x 2M x 0.3m DEEP
TOTAL STORAGE REQUIRED TO MITIGATE FLOWS DUE WATERDTICHT BASE
TWO COMPARTMENT SEPTIC
1. ASSUMPTION IS MADE THAT CURRENT RUNOFF IS ACCEPTABLE AND THAT ONLY THE DIFFERENCE (INCREASE) IN RUNOFF FROM THE BUILDING REPLACEMENT GRADING DIRECTS SURFACE RUNOFF TO THE STORMWATER MANAGEMENT POND THE STORMWATER MANAGEMENT POND
NEEDS TO BE STORED FOR SLOW RELEASE INTO THE RECEIVING DRAINAGE COURSE. 2. INCREASE IN RUNOFF VOLUME DURING A 1 IN 100 YEAR, 24 HOUR USED FOR
STORMWATER RUNOFF STORAGE. 3. POST DEVELOPMENT STORAGE LESS PRE DEVELOPMENT STORAGE = STORAGE
REQUIRED TO CONTAIN RUNOFF FROM THE BUILDING EXPANSION. 4. EXISTING SEWAGE DISPOSAL SYSTEM IS LOCATED OFF THE EXISTING BUILDING TO BE DEMOLISHED. THE EXISTING SYSTEM IS TO BE ABANDONED OR REMOVED 17.5M 17.5M
DEPENDING ON CONDITION SETTLEMENT ROAD LOT M
24 DUTCH
SETTLEMENT ROAD 18.0M
12 DUTCH SETTLEMENT ROAD EXISTING FENCE COMPOUND
LOT 2-C 32 DUTCH SETTLEMENT TO BE REMOVED
BE REMOVED
EXISTING SCALE TO RÉMAIN
18 DUTCH SETTLEMENT
ROAD LOT 1-D
EXISTING DOME EXISTING YARD TO REMAIN
EXISTING DOME BUILDING TO REMAIN TO REMAIN
32 DUTCH SETTLEMENT ROAD
LANTZ, NOVA SCOTIA
PRELIMINARY STORMWATER MANAGEMENT PLAN
PID: 00525592
PRE-DEVELOPMENT DRAINAGE SCALE = 1'=50'-0" Date: 19-2-20 File name: AIM Elmsdale.vwx
SCALE = 1 = 30 = 0 DATE: SCALE: 2019-02-19 AS NOTED
AS NOTED