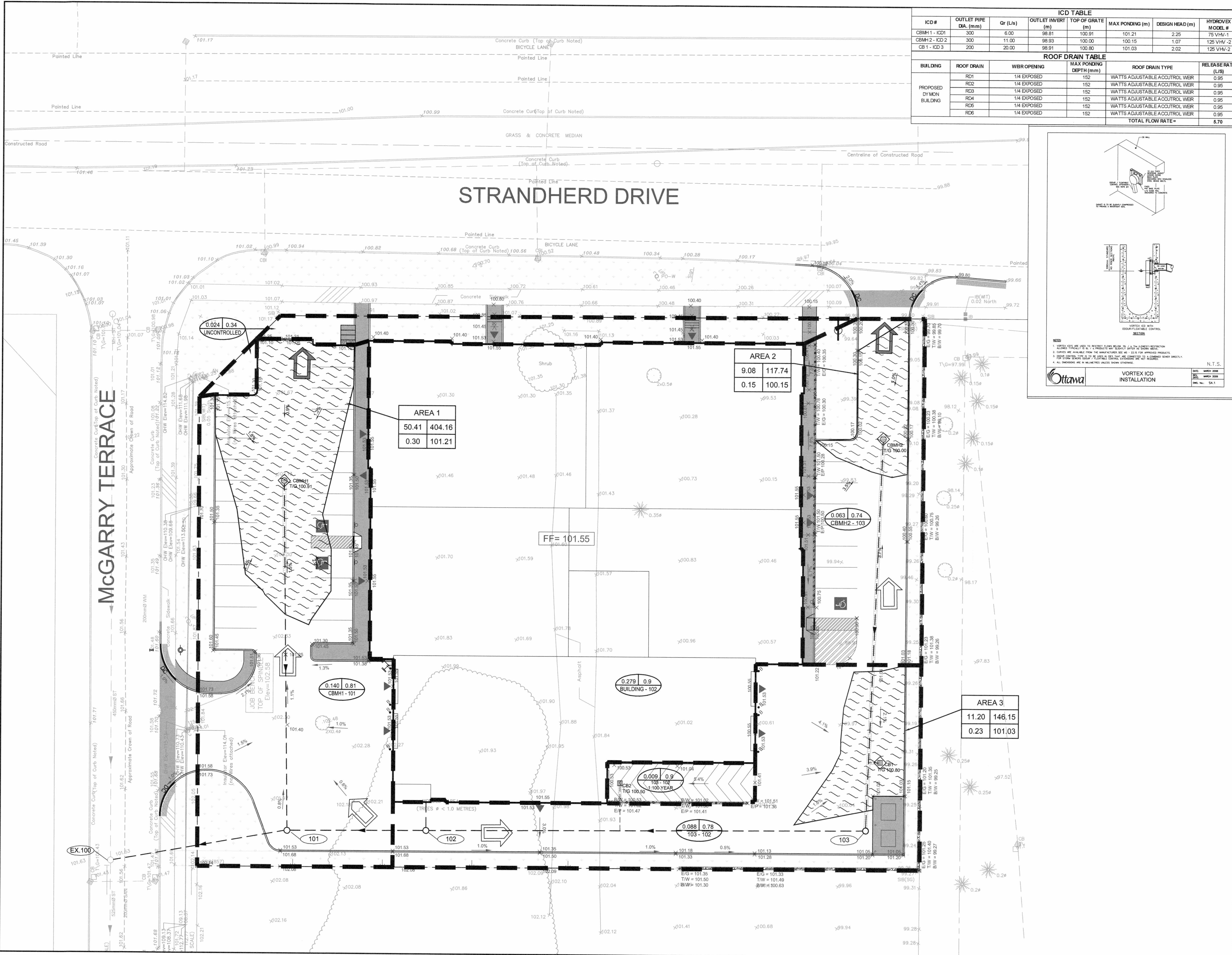




LEGEND

POUNDING AREA
MAX. PONDING VOLUME (m³)
POUNDING AREA NUMBER
MAX. PONDING AREA (m²)
WATER LEVEL ELEVATION (MAX PONDING)
MAX. PONDING DEPTH (m)
AREA IN HECTARES
RUNOFF COEFFICIENT
TRIBUTARY PIPE REACH

0.059 | 0.84
CB1 - CB2

0.024 | 0.34
UNCONTROLLED

0.063 | 0.74
CBMH2 - 103

0.140 | 0.81
CBMH1 - 101

0.279 | 0.9
BUILDING - 102

0.009 | 0.9
103 - 102
1-100 YEAR

0.088 | 0.78
103 - 102

NOTES

1. VORTEX ICDS ARE USED TO RESIST FLOOD RELIEF TO A 1% FLOOD PROTECTION ALLOWED TYPICAL 1% R.T. PRODUCTS MAY BE USED TO OFFER A 1% FLOOD PROTECTION.
2. CATCH BASINS ARE PROVIDED FROM THE MANUFACTURED SET AND 20% FOR APPROVED PRODUCTS.
3. FOR 100% FLOOD PROTECTION, THE MANUFACTURED SET AND 20% FOR APPROVED PRODUCTS.
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

N.T.S.

Ottawa

VORTEX ICD INSTALLATION

CLIENT:

DYMON SELF STORAGE

CONSULTANT:

J.L. Richards
ENGINEERS - ARCHITECTS - PLANNERS

CONSULTANT:

PROFESSIONAL STAMP

PROJECT NORTH

PROJECT:

SELF STORAGE FACILITY

1000 McGarry Terrace

DRAWING:

PONDING PLAN

DESIGN: JW / GA
DRAWN: C.J.M.
CHECKED: LD
JLR #: 27296-003.1

DRAWING #:

SWM

PLOT DATE: February 16, 2018 11:36:51 AM