

A) PLANNING AND BUILDING DEPARTMENT

I) "I HEREBY CERTIFY THAT THIS DRAWING CONFORMS IN ALL RESPECTS TO THE SITE DEVELOPMENT PLANS AS APPROVED BY THE CITY OF MISSISSAUGA UNDER FILE NUMBER

II) "THE CITY OF MISSISSAUGA REQUIRES THAT ALL WORKING DRAWINGS SUBMITTED TO THE BUILDING DIVISION AS PART OF AN APPLICATION FOR THE ISSUANCE OF A BUILDING PERMIT SHALL BE CERTIFIED BY THE ARCHITECT OF ENGINEER AS BEING IN CONFORMITY WITH THE SITE DEVELOPMENT PLAN AS APPROVED BY THE CITY OF MISSISSAUGA."

III) "GRADES WILL BE MET WITHIN A 33% MAXIMUM SLOPE AT THE PROPERTY LINES AND

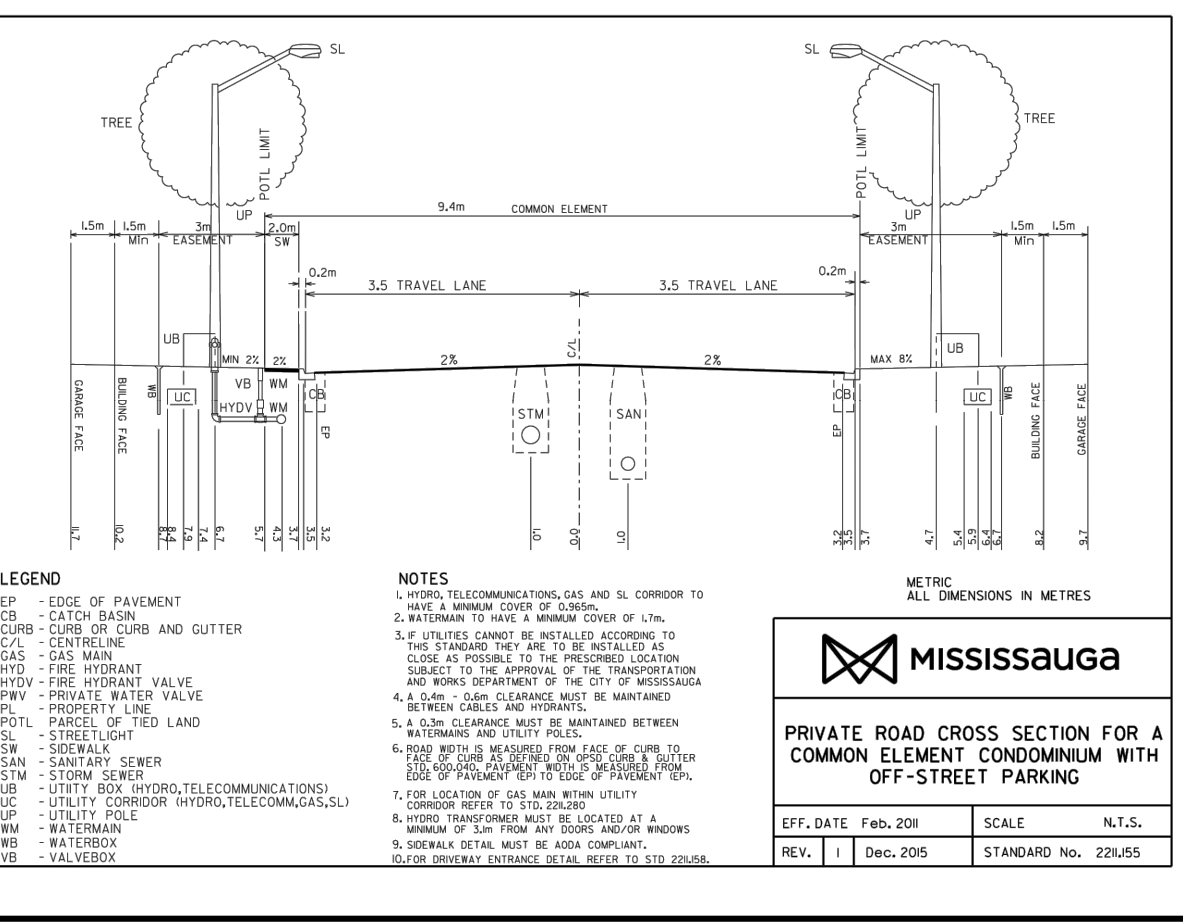
IV) "THE STRUCTURAL DESIGN OF ANY RETAINING WALL OVER 0.60M IN HEIGHT OR ANY RETAINING WALL LOCATED ON A PROPERTY LINE IS TO BE SHOWN ON THE SITE GRADING PLAN FOR THIS PROJECT AND IS TO BE APPROVED BY THE CONSULTING ENGINEER FOR THE PROJECT."

CONSTRUCTION & RESTORATION WORKS FOR MUNICIPAL R.O.W.s.
PRIMATE ROAD AND WEALTHY PLACE

1. PROPOSED STORM, SANITARY, AND WATER BUILDING CONNECTIONS WITHIN EXISTING MUNICIPAL R.O.W.s ARE TO BE BACKFILLED WITH UNSHRINKABLE FILL UP TO BASE OF EXISTING ROAD GRANULAR. EXISTING ROAD GRANULAR AND ASPHALT TO BE MATCHED WITH MINIMUM THICKNESSES IN ACCORDANCE WITH CITY STANDARD 2220.03.

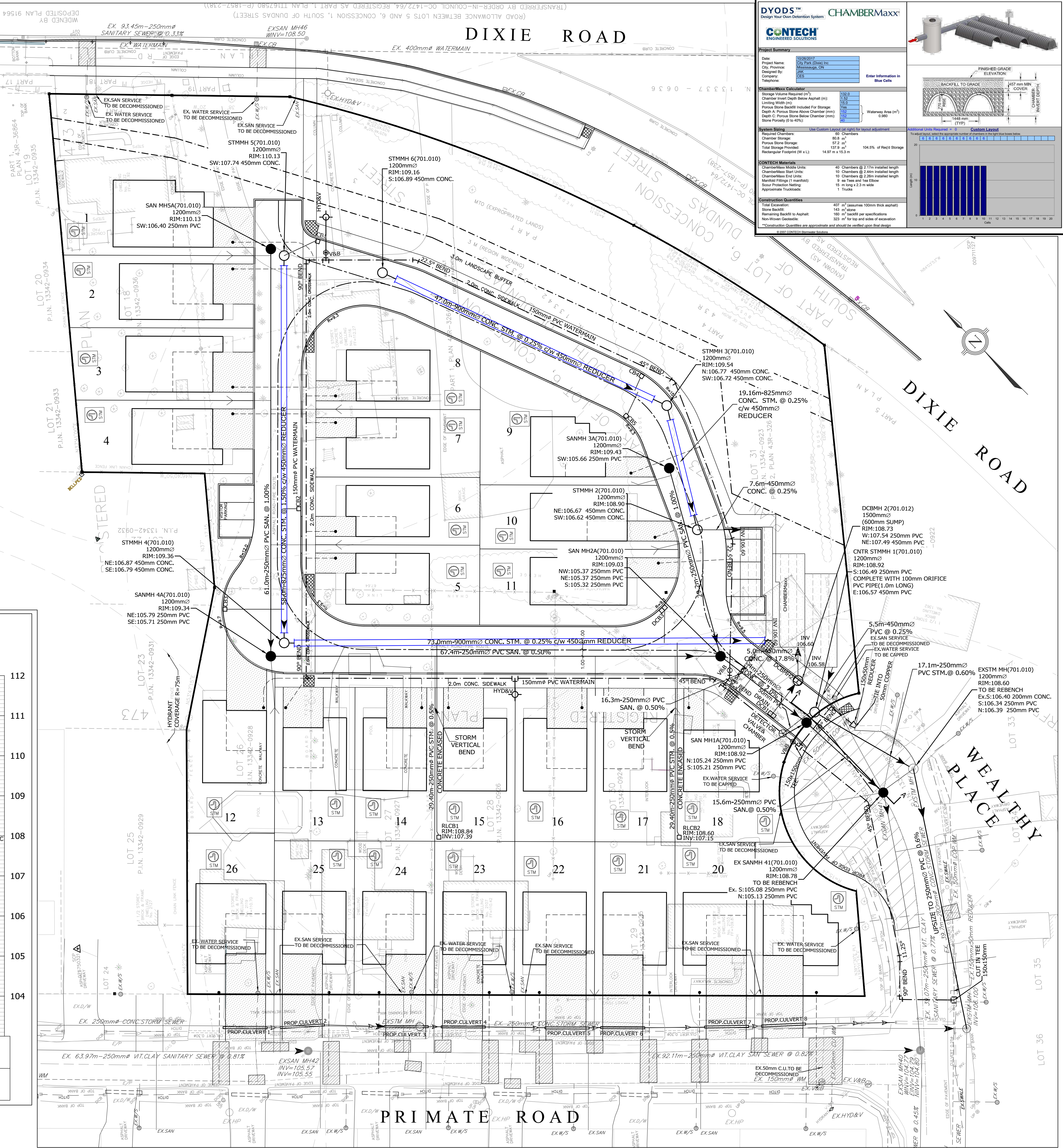
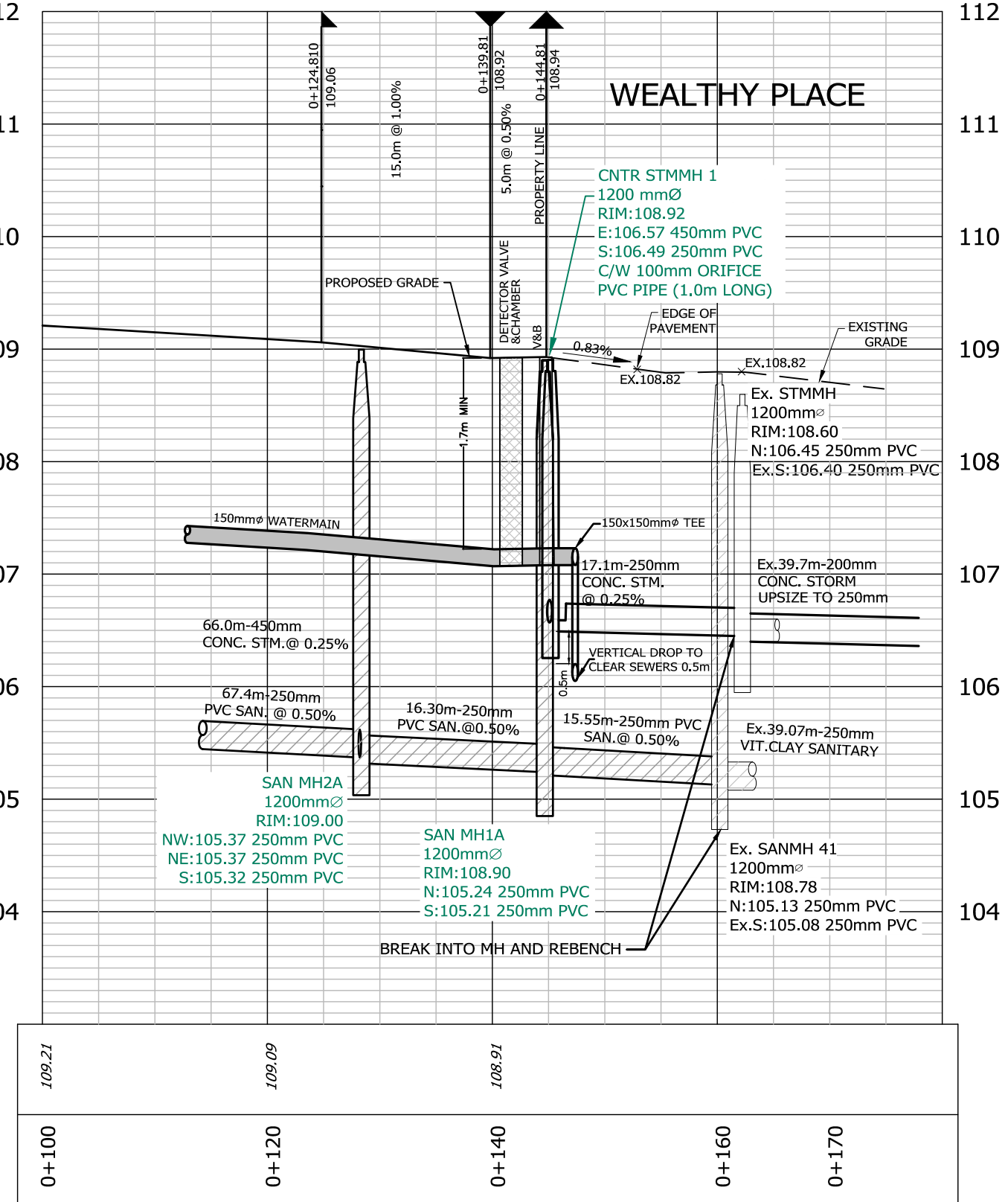
2. TRENCH CONSTRUCTION / RESTORATION SHALL BE IN ACCORDANCE WITH CITY STANDARDS 2220.03, 2220.031, AND 2220.032.

3. BOULEVARD AREAS SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.



NOTE:
EXISTING CULVERTS TO BE REMOVED

SITE PLAN CONNECTION A-A



DYODS™
Design Your Own Definition System

CHAMBERMaxx™

CONTECH
ENGINEERED SOLUTIONS

Project Summary

Date: 10/09/2017
Project Name: City Park (Dixie) Inc.
City, Province: Mississauga, ON
Designed By: JAC
Company: CES
Telephone: [REDACTED]

Enter Information in Blue Cells

ChamberMaxx Calculator

Storage Volume Required (m³): 110.0
Chamber Vault Depth Below Asphalt (m): 1.0
Porous Stone Bedrock Included For Storage: 10.0
Depth C. Porous Stone Above Chamber (mm): 100
Porous Permeability (k to 4k): 0.000

System Sizing

Use Custom Layout (all rights for layout adjustment)

Required Chambers: 60
Chamber Storage: 80.0 m³
Porous Stone Storage: 57.2 m³
Total Storage Provided: 137.2 m³
Rectangular Footprint (W x L): 14.97 m x 15.3 m

CONTECH Materials

ChamberMaxx Access Units: 40
ChamberMaxx Start Units: 10
ChamberMaxx End Units: 10
Manifold Fittings (1 manifold): 8
Sump Protection Fittings: 1
Approximate Truckloads: 1

Construction Quantities

Total Chambers: 407 m³ (assumes 100mm thick asphalt)
Stone Backfill: 143 m³ stone
Remaining Backfill to Asphalt: 100 m³ backfill per specifications
Non-Woven Geotextile: 323 m² for top and sides of excavation
*Construction quantities are approximate and should be verified upon final design.

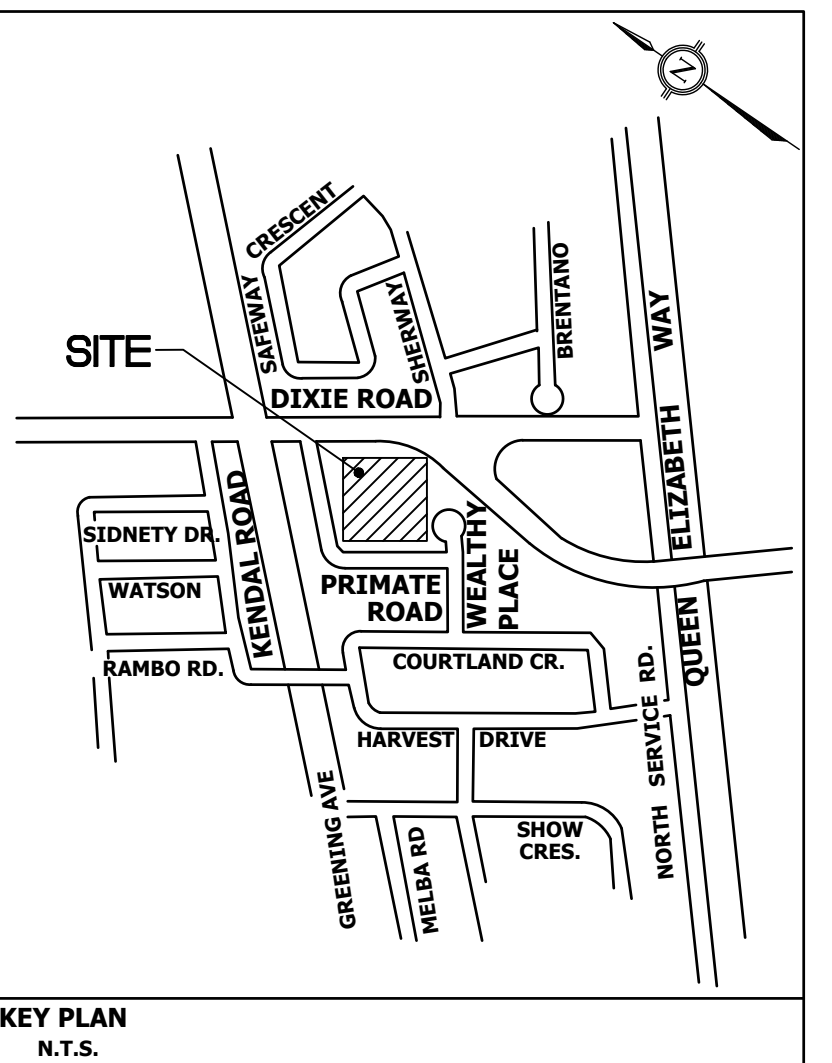
Finished Grade Elevation

BACKFILL TO GRADE: 407 mm MIN. COVER
CHAMBER DEPTH: 1.0 m
(TY)

Custom Layout

To adjust layout, select the appropriate number of chambers in the right hand column below.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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LEGEND

- VC

VALVE AND CHAMBER

VB

VALVE AND BOX

EX. MANHOLE

EXISTING MANHOLE

PROPOSED STM MANHOLE

PROPOSED SANITARY MANHOLE

PROPOSED SAN MANHOLE

PROPOSED SANITARY MANHOLE

PROPOSED CATCHBASIN

PROPOSED CATCHBASIN

PROP. FIRE HYDRANT

PROPOSED FIRE HYDRANT

SUMP PUMP DISCHARGE TO SURFACE

SUMP PUMP DISCHARGE TO SURFACE

LIMIT OF BOUNDARY

LIMIT OF BOUNDARY

HYD. HYDRANT 75m RADIUS COVERAGE CONFIRMATION

HYDRANT 75m RADIUS COVERAGE CONFIRMATION
- EXISTING CULVERT

PROPOSED CULVERT

PROPOSED WATERMAIN

PROPOSED SAN SERVICE

PROPOSED 25mm WATER SERVICE AND CURB STOP

PROPOSED DITCH

EXISTING DITCH

PROPOSED CENTERLINE/STA

LOT LINE

TACTILE SURFACE

RETAINING WALL

BENCHMARK NOTE
ELEVATIONS SHOWN HEREON ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK No. 351 HAVING AN ELEVATION OF 108.675 METRES LOCATED ON THE EAST SIDE AT THE MAIN ENTRANCE OF APPLEWOOD PUBLIC SCHOOL ON THE WEST SIDE OF HARVEST DRIVE, 30.5 METRES SOUTH OF KENDALL ROAD.

1.	FIRST SUBMISSION	JAN.09.18	S.Ng.
REVISION	BLOCK	DATE	APPR. BY

CITY PARK (DIXIE) INC.
2103-2119 PRIMATE ROAD, 1351 & 1357 WEALTHY PLACE, 2116& 2112 DIXIE ROAD

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CONDELAND ENGINEERING LIMITED AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/TRANSPORTATION ENGINEERING

DATE: _____

CONDELAND ENGINEERING LTD.
Consulting Engineers and Project Managers
350 CREDITSTONE ROAD, UNIT 800
CONCORD, ON, L4H 3Z2
PHONE: (905) 695-8096
FAX: (905) 695-8099

DESIGNED BY: S.NG.			DATE: JANUARY 2018		CHECKED BY: M.E.H.	
DRAWN BY: G.M.			DRAWING NO.		CITY FILE	
SCALES			HOR 1:300		DARC 17-192	
			17-017-02			