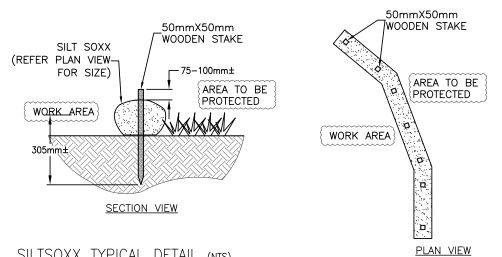
TOWN OF CALEDON PLANNING RECEIVED Sept.29, 2020



SILTSOXX TYPICAL DETAIL (NTS)
(BY TERRAFIX GEOSYNTHETICS INC.)

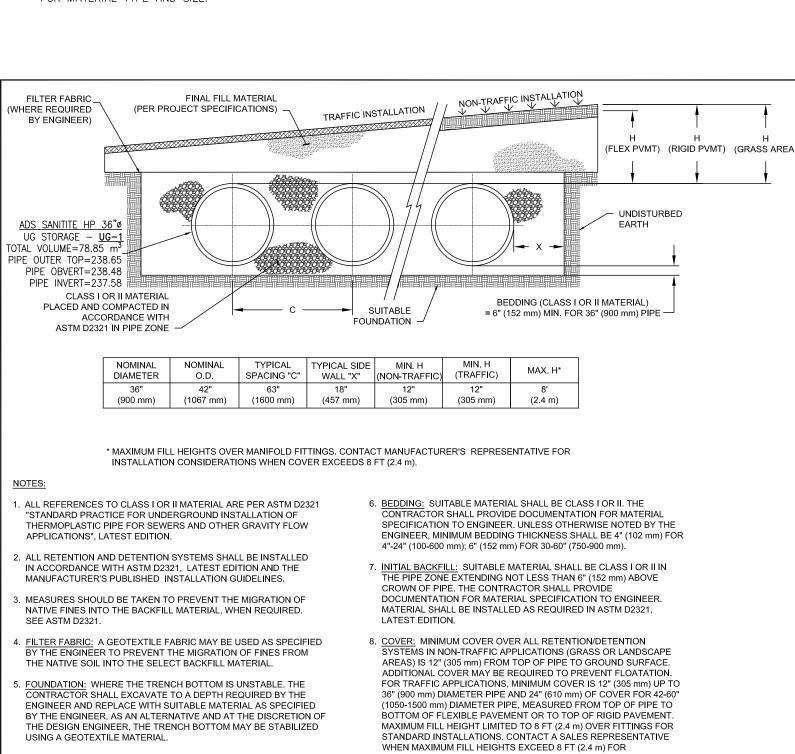
NOTE: 1. SILTSOXX DEPICTED IS FOR MINIMUM SLOPES. REFER TO NUMBER OF LAYERS AND

SIZE SPECIFIED ON PLAN VIEW.

2. COMPOST MATERIAL TO BE DISPOSES OFF SITE BY THE CONTRACTOR.

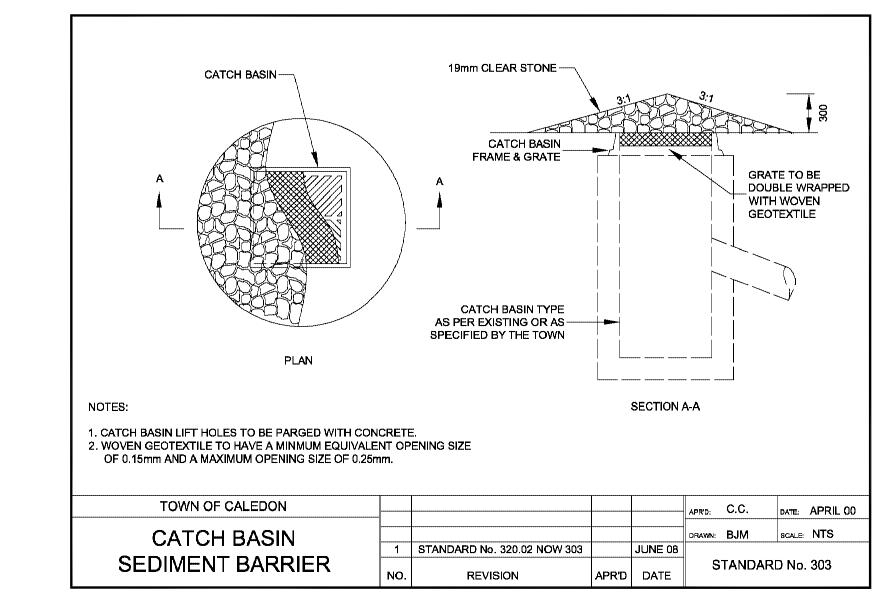
3. WOODEN STAKES ARE SPACED AT 2.0m FOR 200mm SILTSOXX, 1.20m FOR 300mm SILTSOXX, AND 0.60m FOR 450mm SILTSOXX.

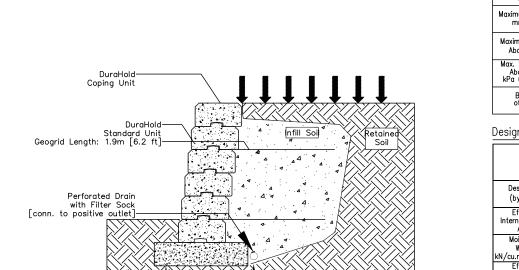




INSTALLATION CONSIDERATIONS.

ADS SANITITE UNDERGROUND STORAGE SYSTEM TYPICAL DETAIL (NTS)





TYPICAL SECTION - NOT FOR CONSTRUCTION

<u>Design Specific</u>	: Geometric Information			
Retaining Wall System	DuraHold w/ Geogrid	Geogrid Type and Manufacturer	See Notes	
Maximum Height mm (in)	1830 (72)	Minimum Geogrid LTDS kN/m (lb/ft)	See Notes	
Maximum Slope Above Wall	Horizontal	Maximum Slope Below Wall	None	
Max. Surcharge Above Wall kPa (lb/sq.ft)	Traffic Surcharge 12 kPa (250 lb/sq.ft)	Depth of Embedment mm (in)	305 (12)	
Batter of Wall	7.12 °	Compacted Base Dimension mm (in)	1228 x 305 (48 x 12)	

	Soil Region						
	Infill	Retained	Foundation	Base	Drainage		
Description (by USCS)	GW Well graded, free draining Granular	CL Inorganic Clays Low Plasticity	CL Inorganic Clays Low Plasticity	GW Well graded, free draining Granular	see infill		
Effective Internal Friction Angle	35 °	28°	28 °	39°	NR		
Moist Unit Weight kN/cu.m (lb/cu.ft)	22 (140)	20 (127)	20 (127)	22 (140)	NR		
Effective Cohesion kPa (lb/sq.ft)	NR	NR	NR	NR	NR		
Soil Notes	Placed in 150mm (6") lifts and compacted to 95% SPD.	Undisturbed dense soil or well compacted Eng. fill.	cap.must exceed 100kPa (2100 p	Crushed Gravel (free draining) so)npacted to 98% SPD.	Gravel infill must be well graded, angular, free drai w/max. 8% fines		

NR — Not Required
Notes:

1. This design meets or exceeds the minimum factors of safety required by Risi Stone Systems based on the design parameters listed above. The analysis was performed as outlined in the National Concrete Masonry Association Design Manual for Segmental Retaining Walls, Second Edition. This is a typical, non sile—specific Design.

2. No analysis of global stability, total or differential settlement, or seismic effects has been performed.

3. This design is only provided to illustrate the general arrangement of the SRW structure for preliminary costing and feasibility purposes only. This drawing is not for construction. A qualified Engineer must be retained to provide the Final Design prior to construction.

4. Structures such as handrails, guardrails, fences, terraces, and site conditions such as water applications, drainage and soil conditions, additional live and dead loads, etc., have significant effects on the wall design and have not been taken into account in this typical section. When accounted for in the Final Design, other conditions and elements may result in additional design measures (geogrid, drainage, etc) and cost.

5. For geogrid reinforced structures, a minimum Long Term Allowable Design Strength of 14 kN/m was assumed. Contact your manufacturer or Risi Stone Systems for a list of approved geogrid reinforcements.

TYPICAL DETAIL - NOT FOR CONSTRUCTION
CONTACT MANUFACTURER FOR DETAILED DESIGN AND
VERIFICATION OF DESIGN ASSUMPTIONS INCLUDING
SOIL PARAMETERS AND ACTUAL TRAFFIC LOADING

OPSD 1109.030

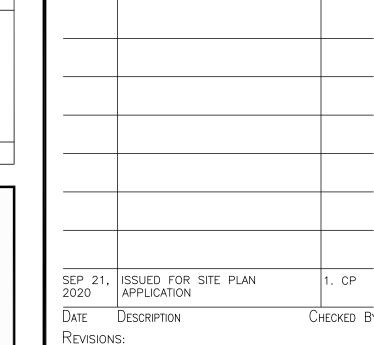
Granular Base



© 2007 RIsI Stone Systems

No.9 WIRE GAUGE X1200 HWY FENCE DuraHold®
Retaining Wall
Geogrid Section
1830mm (6.00ft)
Site: Surcharge - Clays
Infill: Granular
DH1RBQAI183

STANDARD No. 304



KEY MAP:

FOR GUIDELINE PURPOSES.

BASE INFORMATION TAKEN FROM DRAWING(S) BY OTHERS. FLORA DESIGNS INC. DOES NOT ASSUME ANY RESPONSIBILITY FOR ERRORS, OMISSIONS OR ACCURACY

OF THE INFORMATION. DRAWINGS SHALL ONLY BE USED

NOTE: Contractor is to check and verify all dimensions and conditions on the project, and is immediately report any discrepancies to the Architect and Engineer before proceeding with the





PROPOSED MARRIOTT HOTEL

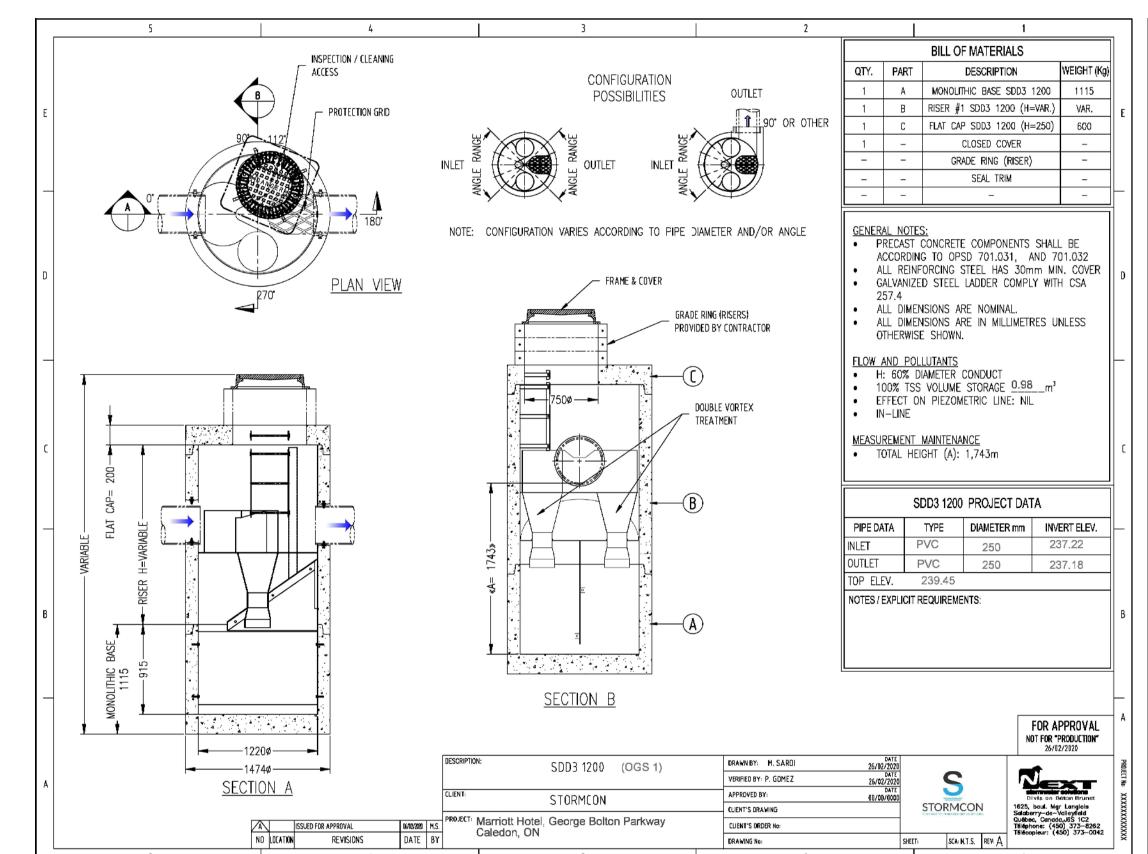
PH:(647)496-8055 www.floradesigns.net

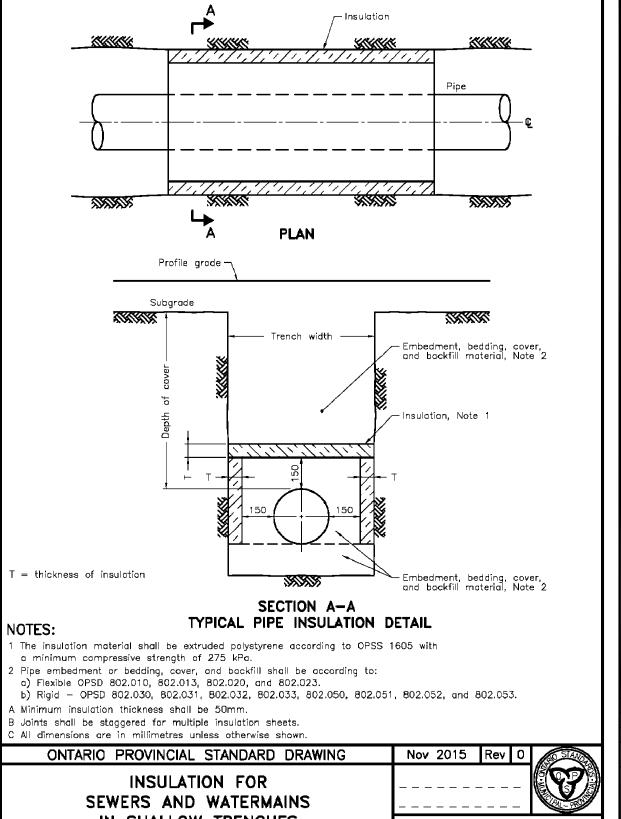
12476 HIGHWAY 50, , CALEDON, ON

DRAWING TITLE:
SITE SERVICING NOTES &
DETAILS

JOB NUMBER DRAWN BY AT SCALE CHECKED BY CP
SHEET NUMBER SS-2

(36x24)(ARCH-D)





IN SHALLOW TRENCHES

