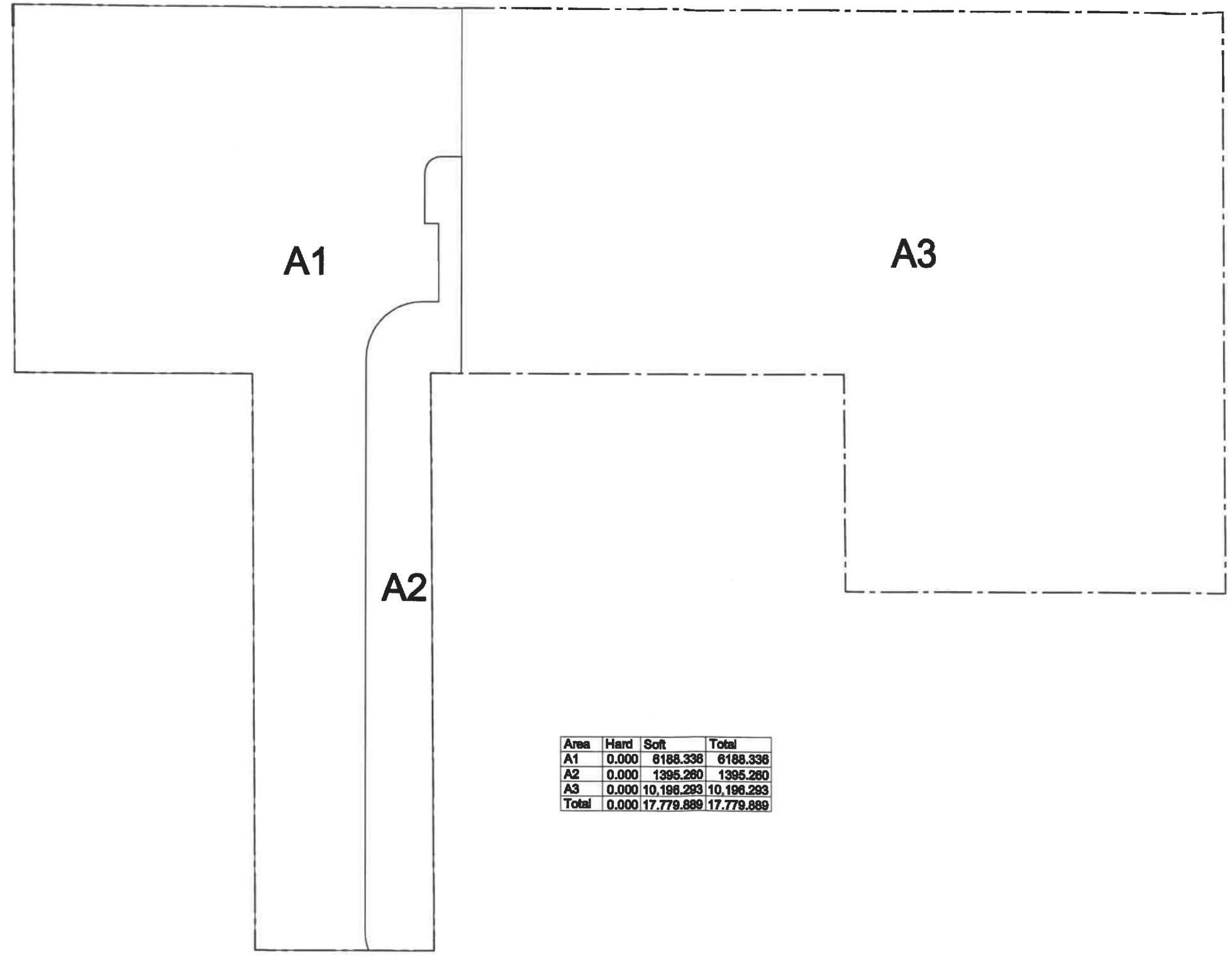


Copyright Reserved
 The Contractor shall verify and be responsible of all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to A. Dagenais & Assoc. Inc. without delay. The copyrights & Assoc. Inc. drawings are the property of A. Dagenais & Assoc. Inc. Reproduction or use for any purpose other than that authorized by A. Dagenais & Assoc. Inc. is forbidden.



Area	Hard	Soft	Total
A1	0.000	6188.336	6188.336
A2	0.000	1395.260	1395.260
A3	0.000	10,196.293	10,196.293
Total	0.000	17,779.889	17,779.889

No.	Revision	Date
#5		
#4		
#3		
#2		
#1		

A. Dagenais & Assoc. Inc.
 CONSULTING ENGINEERS & ARCHITECT
 INGENIEURS CONSEILS & ARCHITECTES

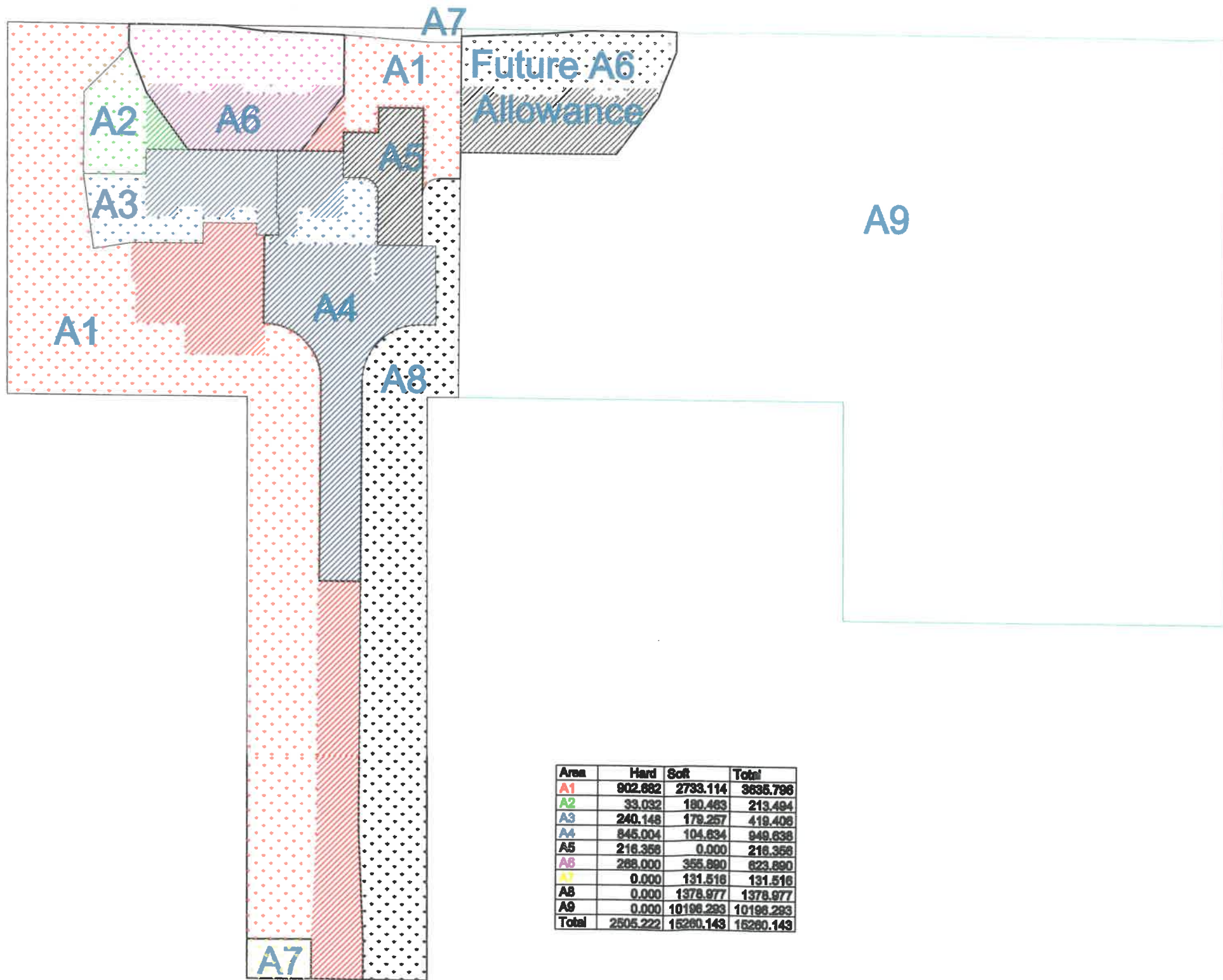


881, Notre Dame, P.O. Box 180
 Etobicoke, Ontario, M9A 1W0
 (416) 863-0700

12 Unit Apartment Building
 Rollin Development
 5574 Rockdale Road, Vars, ON
 Pre-Development Tributary Areas
 Drawn by: M.J.
 Checked by: A.F.D.
 Date: August 2013
 Scale: as-shown
 File #: 013-286

Stamp

Plan number:
TA1
 of
3



Area	Hard	Soft	Total
A1	902.682	2733.114	3635.796
A2	33.032	180.463	213.494
A3	240.148	179.257	419.406
A4	845.004	104.634	949.638
A5	216.358	0.000	216.358
A6	288.000	355.890	623.890
A7	0.000	131.516	131.516
A8	0.000	1378.977	1378.977
A9	0.000	10198.293	10198.293
Total	2505.222	16280.143	16280.143

Copyright Reserved
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to A. Dagenais & Assoc. Inc. without delay. The copyright in all designs and drawings are the property of A. Dagenais & Assoc. Inc. Reproduction or use for any purpose other than that authorized by A. Dagenais & Assoc. Inc. is forbidden.



No.	Revision	Date
01		
02		
03		
04		
05		

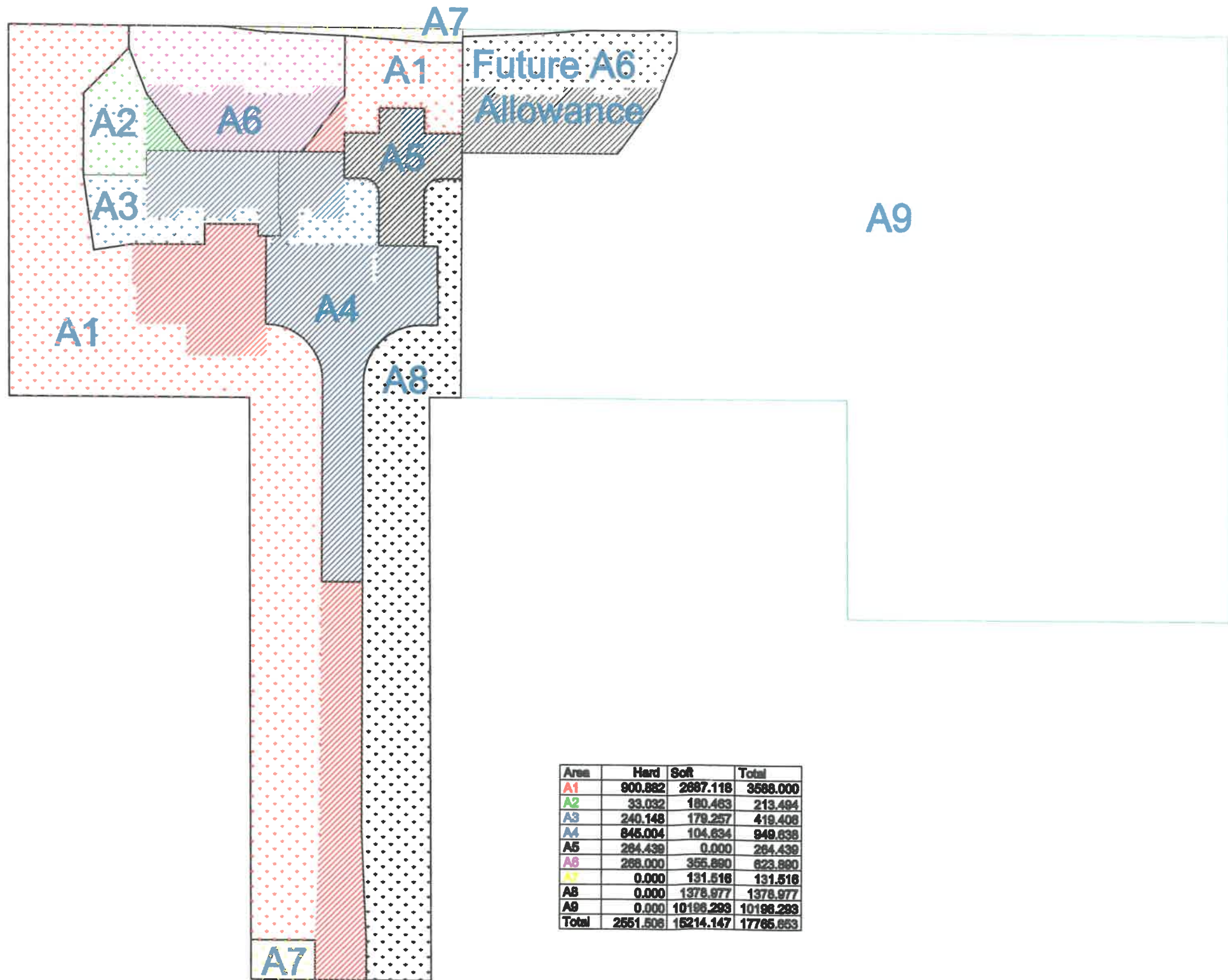
A. Dagenais & Assoc. Inc.
 CONSULTING ENGINEERS & ARCHITECT
 INGENIEURIS CONSEILS & ARCHITECTE
 881, Hilda Drive, P.O. Box 160
 Burlington, Ontario, L7M 1W0
 (905) 683-0700

12 Unit Apartment Building
 Rollin Development
 5574 Rockdale Road, Vars, ON
 Post-Development Tributary Areas
 Drawn by: M.J.
 Checked by: A.F.D.
 Date: August 2013
 Scale: as-shown
 File #: 013-288

Stamp

Plan number:
TA2
 of
3

POST-DEVELOPMENT TRIBUTARY AREAS (PHASE 1)
 Scale: 1:750



Area	Hard	Soft	Total
A1	900.882	2667.118	3568.000
A2	33.032	180.463	213.494
A3	240.148	179.257	419.405
A4	845.004	104.634	949.638
A5	264.439	0.000	264.439
A6	268.000	355.890	623.890
A7	0.000	131.518	131.518
A8	0.000	1378.977	1378.977
A9	0.000	10198.293	10198.293
Total	2551.508	15214.147	17765.653

Copyright Reserved
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to A. Dagenais & Assoc. Inc. without delay. The copyright to all designs and drawings are the property of A. Dagenais & Assoc. Inc. Reproduction or use for any purpose other than that authorized by A. Dagenais & Assoc. Inc. is forbidden.



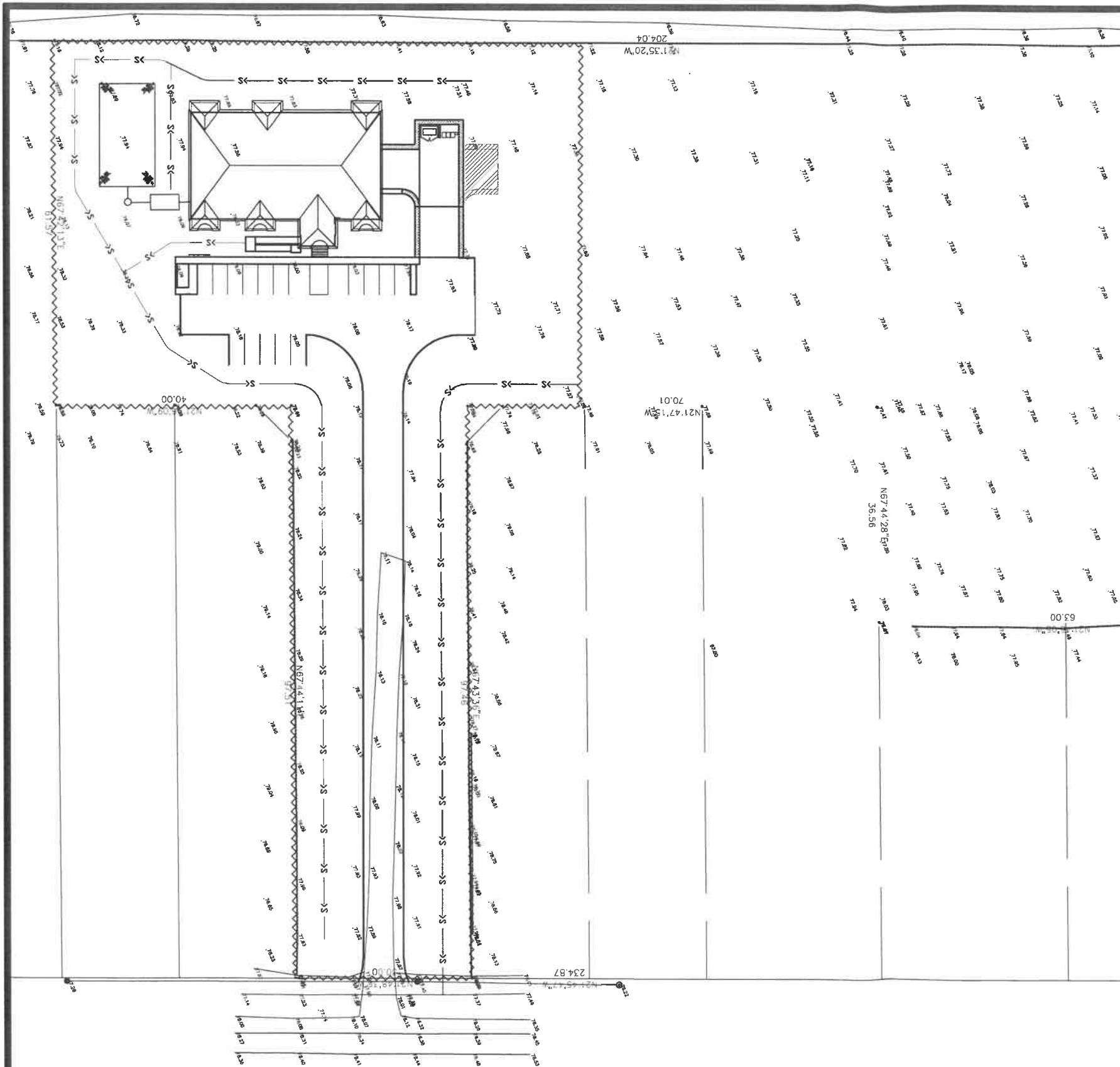
No.	Revision	Date

A. Dagenais & Assoc. Inc.
 CONSULTING ENGINEERS & ARCHITECTS
 INGENIEURS CONSEILS & ARCHITECTES
 891, Main Drive, P.O. Box 180
 Estevan, Alberta, T0A 1W0
 (403) 869-0700

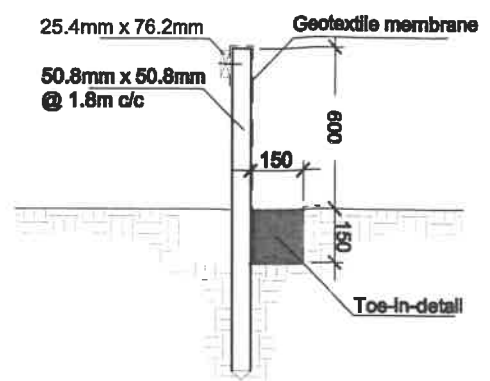
**12 Unit Apartment Building
 Rollin Development**
 5574 Rockdale Road, Vars, ON
 Post-Development Tributary Areas
 Drawn by: M.J.J.
 Checked by: A.F.D.
 Date: August 2013
 Scale: as-shown
 File #: 013-288

Stamp

Plan number:
TA3
 of
3



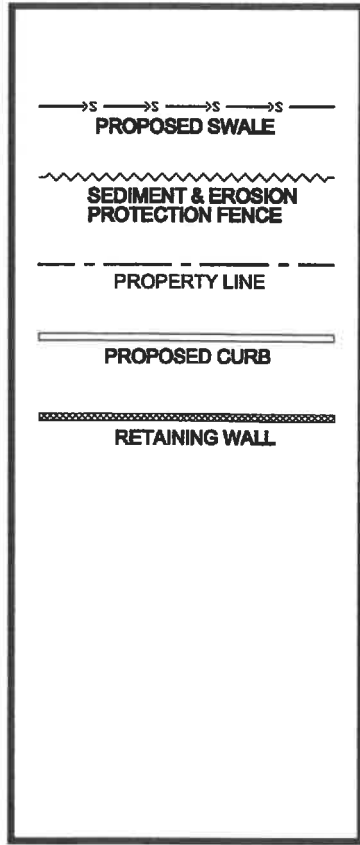
SEDIMENT & EROSION CONTROL
Scale: 1:750



Notes:

1. SILT FENCE MUST BE AS PER DETAIL OP&D 219.110 & SHOWN BESIDE AND MUST BE INSTALLED BEFORE COMMENCEMENT OF CONSTRUCTION AND IN ACCORDANCE WITH THE TOE-IN-DETAIL. SILT FENCE CAN BE REMOVED AFTER LANDSCAPING IS COMPLETE. SEDIMENTS MUST BE CLEARED AWAY WHEN THEY REACH HALF THE HEIGHT OF THE FENCE.
2. DO NOT CLEAR ENTIRE SITE OF VEGETATION, ONLY AREAS THAT REQUIRE MODIFICATIONS. REVEGETATE EXPOSED AREAS WHEN GRADING IS COMPLETE.
3. POST SPACING MUST NOT EXCEED 1.8m.
4. POSTS MUST BE DRIVEN AT LEAST 35cm INTO THE GROUND.
5. THE BACKFILLED ANCHOR TRENCH MUST BE AT LEAST 15cm DEEP.
6. THE BACKFILL MUST BE COMPACTED.
7. THE SILT FENCE MUST BE SECURELY FASTENED TO THE POST.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR FOR INSPECTION AND MAINTENANCE OF THE SEDIMENT AND EROSION CONTROL.
9. A DAILY CHECK ON THE MEMBRANE AND THE CATCH BASIN AS TO BE DONE, THEREFORE MAKING SURE THE MEMBRANE AS NOT COLLAPSED.
10. THE SEDIMENT AND EROSION CONTROL SHOULD BE CONSIDERED A "LIVING DOCUMENT" THAT MAY NEED TO BE CHANGED OR ADAPTED DURING THE LIFE OF THE PROJECT TO BE EFFECTIVE.
11. THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING GEOSOCKS UNDER MANHOLES/CATCHBASIN LIDS TO PREVENT SEDIMENT FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to A. Dagenais & Assoc. Inc. without delay. The copyright to all designs and drawings are the property of A. Dagenais & Assoc. Inc. Reproduction or use for any purpose other than that authorized by A. Dagenais & Assoc. Inc. is forbidden.



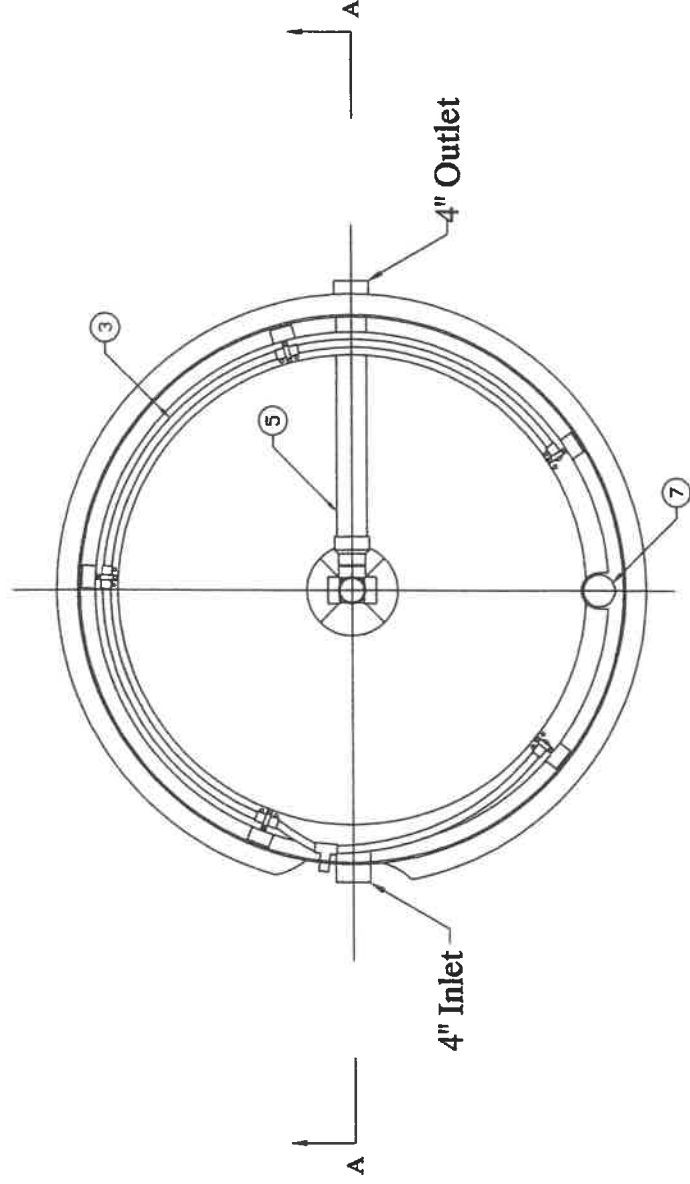
05		
04		
03		
02		
01		
No.	Revision	Date

A. Dagenais & Assoc. Inc.
CONSULTING ENGINEERS & ARCHITECT
INGÉNIEURS CONSEILS & ARCHITECTE
931, Notre Dame, P.O. Box 180
Embsay, Ontario, M0A 1W0
(416) 863-0700

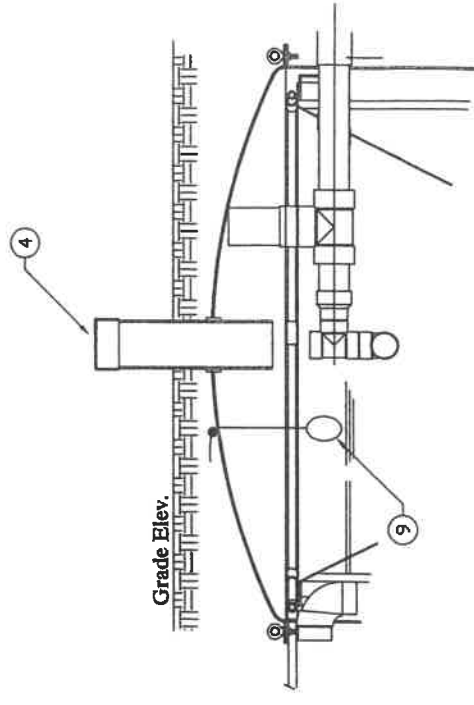
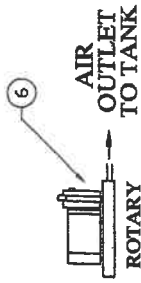
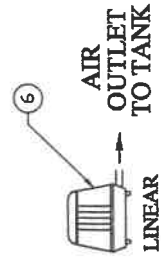
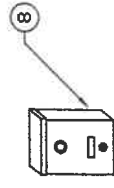
**12 Unit Apartment Building
Rollin Development
5574 Rockdale Road, Vars, ON**
Sediment & Erosion Control
Drawn by: M.J.
Checked by: A.F.D.
Date: March 2014
Scale: as shown
File #: 013-286

Stamp
Plan number:
SK1
of
1

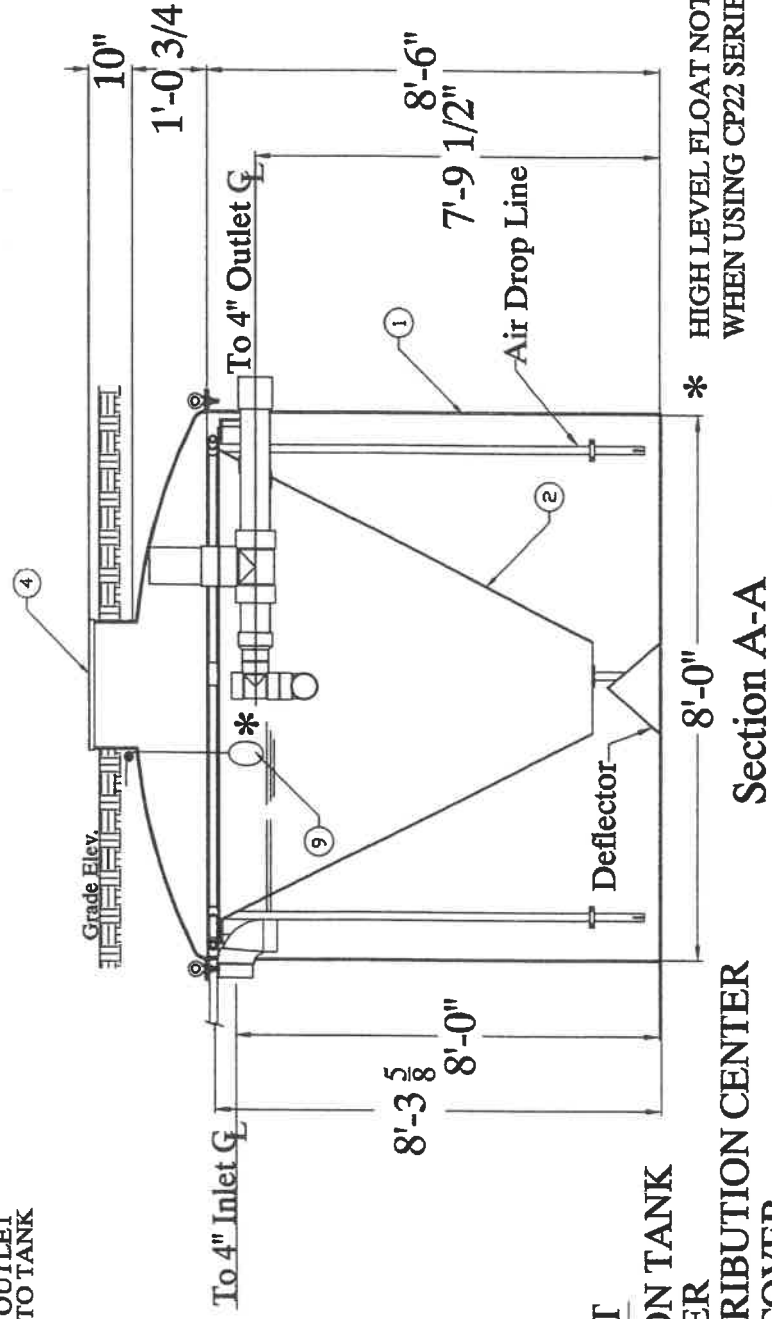
Note: See dimension sheet for number of air drops



Plan View
(with cover removed)



Alternate Access Port



PARTS LIST

- 1 AERATION TANK
- 2 CLARIFIER
- 3 AIR DISTRIBUTION CENTER
- 4 ACCESS COVER
- 5 DISCHARGE PIPING ASSEMBLY
- 6 AIR PUMP ASSEMBLY
- 7 SAMPLE PORT
- 8 CONTROL PANEL

* HIGH LEVEL FLOAT NOT REQUIRED WHEN USING CP22 SERIES CONTROL PANELS



**WASTEWATER TREATMENT UNITS
MODEL DF150-FF**

Delta Environmental Products, Inc.
P.O. Box 969 Denham Springs, LA 70727

DWN BY:
B.LANDRY

DATE:
06/19/03

SCALE:
N.T.S.

DWG. NO.:
DF 150FF