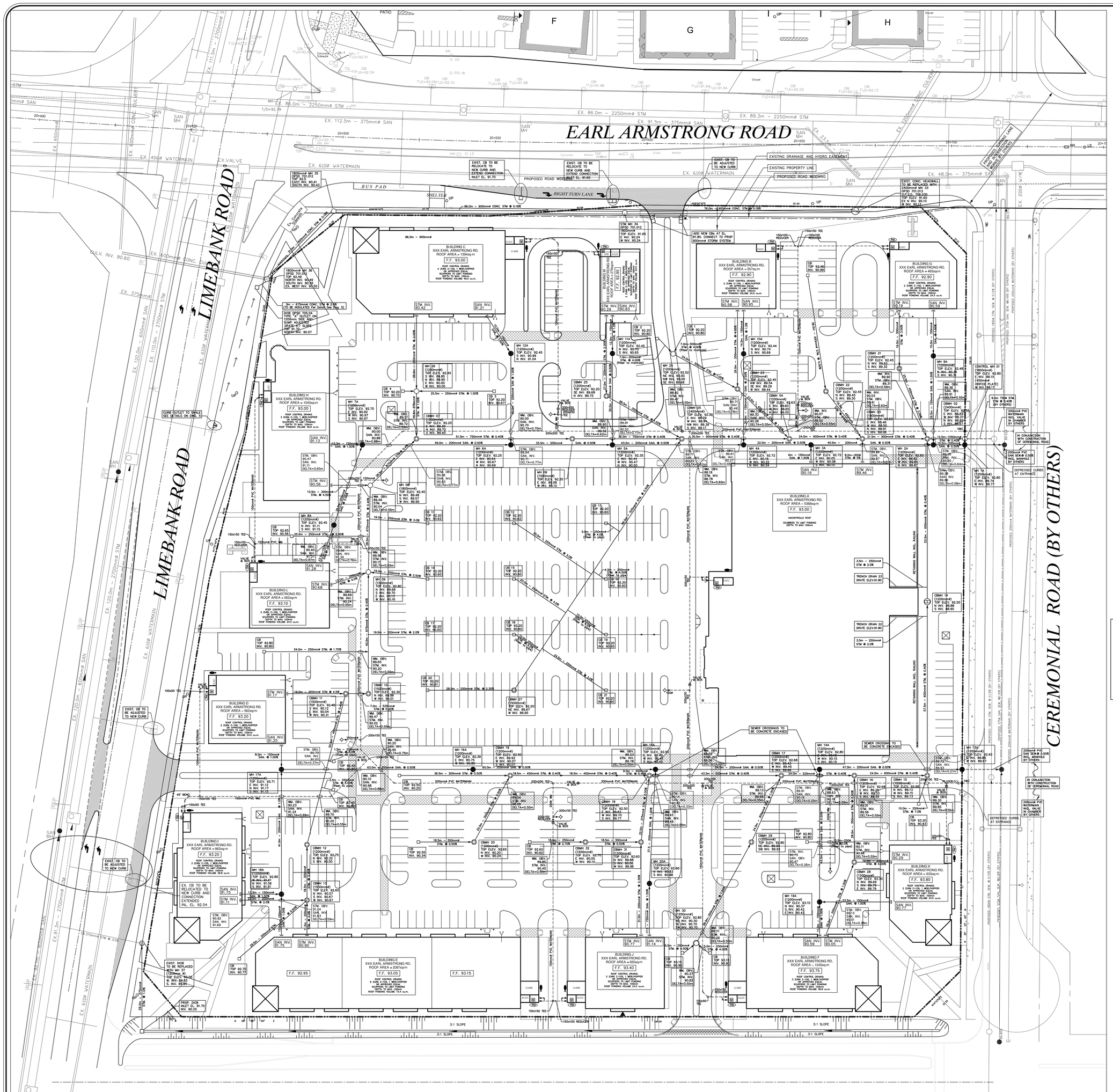

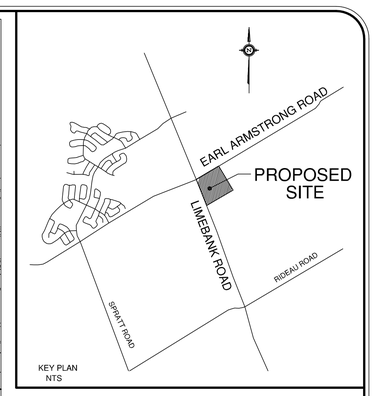

WATER CONNECTIONS

BUILDING	FIRE (mm Ø)	DOMESTIC (mm Ø)
A	150	100
B	100	50
C	150	50
D	100	50
E	150	100
F	100	50
G	100	50
H	150	50
I	150	50
J	100	50
K	100	50
L	100	50
M	100	50

THERMAL PIPE INSULATION

SEE DETAIL ON DWG 5 of 8

FROM M.H.	TO M.H.	THICKNESS
5A	6A	50 mm
6A	7A	50 mm
7A	8A	100 mm
8A	BLDG. L	100 mm
7A	BLDG. H	50 mm
5A	11A	50 mm
11A	BLDG. M	50 mm
6A	12A	100 mm
12A	BLDG. C	100 mm
15A	16A	50 mm
16A	17A	50 mm
17A	18A	100 mm
18A	BLDG. E	100 mm
18A	BLDG. I	100 mm
15A	20A	50 mm
20A	BLDG. J	50 mm
33	34	100 mm
34	35	100 mm
35	36	100 mm

LEGEND

- EXISTING CURB
- EXISTING CURB TO BE REMOVED
- PROPOSED CURB
- PROPOSED SIDEWALK
- OVERLAND FLOW ROUTE
- 1.5% DIRECTION AND SLOPE OF SURFACE DRAINAGE
- PROPOSED PAVEMENT
- 95.45 EXISTING ELEVATION
- M WATER METER
- RM REMOTE READOUT
- SIAMESE CONNECTION
- GAS METER

CLAY SEALS SHALL BE INSTALLED IN THE SERVICE TRENCHES. THE SEALS SHALL BE 1.5m LONG (IN THE TRENCH DIRECTION) AND SHALL EXTEND FROM TRENCH WALL TO TRENCH WALL. THE SEALS SHALL EXTEND FROM THE FROST LINE AND FULLY PENETRATE THE BEDDING, SUBBEDDING AND COVER MATERIAL. SEALS SHALL CONSIST OF RELATIVELY DRY AND COMPACTABLE BROWN SILTY CLAY, COMPACTED TO A MINIMUM OF 95% OF THE SPMDD. THE CLAY SEALS SHALL BE PLACED AT THE SITE BOUNDARIES AND AT STRATEGIC LOCATIONS AT NO MORE THAN 60m INTERVALS ALONG THE SERVICE TRENCHES, AS DIRECTED BY THE GEOTECHNICAL ENGINEER.

NOTE:
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING 5 OF 8, NOTES & DETAILS PROJECT 12007

LOCAL BENCHMARK:
CUT CROSS IN CONCRETE TRAFFIC ISLAND AT THE NORTH-EAST CORNER OF EARL ARMSTRONG ROAD AND LIMEBANK ROAD AS ESTABLISHED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD, O.L.S.

ELEVATION 92.87

No.	By	Date	Revision	Checked
11.	D.S.	Nov 21/16	SITE PLAN REVISIONS/CITY COMMENTS	O.B.C.
10.	D.S.	Nov 27/15	REV. GRADES OF TOWN SQUARE BLVD. AND BLD'S E, F, I, J & K	O.B.C.
9.	D.B.C.	Oct 13/15	HYDRANT LOCATIONS	O.B.C.
8.	D.S.	Aug. 26/15	REVISED AS PER CITY COMMENTS	O.B.C.
7.	D.S.	Aug. 14/15	SITE PLAN REVISIONS	O.B.C.
6.	C.R.M.	Jan 28/15	REVISED AS PER CITY COMMENTS	O.B.C.
5.	J.H.	Aug 12/14	SITE PLAN REVISION	O.B.C.
4.	J.H.	July 18/14	ISSUED FOR SECOND SUBMISSION	O.B.C.
3.	J.H.	July 14/14	SITE PLAN REVISION	O.B.C.
2.	J.H.	May 20/14	REVISED AS PER CITY COMMENTS	O.B.C.
1.	D.B.C.	Apr 25/14	ISSUED FOR SITE PLAN CONTROL APPROVAL	O.B.C.

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF URBAN ECOSYSTEMS LIMITED AS TO DESIGN AND SPECIFICATION.

Director of Engineering Date

REGISTERED PROFESSIONAL ENGINEER
ROSARIO SACCO
NOV 21, 2016
PROVINCE OF ONTARIO

URBAN ECOSYSTEMS LIMITED
7050 WESTON ROAD, SUITE 705
WOODBRIDGE, ONTARIO L4L 8G7
uel@urbanecosystems.com
t. (905)856-0629
f. (905)856-0698

TOWN SQUARE CENTRE

RIVERSIDE SOUTH
CITY OF OTTAWA

MORGUARD INVESTMENTS LTD.
55 CITY CENTER DRIVE
MISSISSAUGA, ONTARIO

FILE No D07-12-14-0067

SERVICING PLAN

Designed By O.B.C.	Date APR 2014	Checked By R.S.	
Drawn By J.H.		Approved By	
Scale; 1:500	Project No. 12007	Drawing No. 2of8	

ID - P:\2012\12007\12007-Site Plan.dwg - Tue, 26 Jan 2016 - 16:30