REVIEWED BY
DEVELOPMENT REVIEW SERVICES BRANCH

Signed _____

Date _____ 2018

Plan Number _____

SPRING VALLEY TRAILS

CLARIDGE
HOMES

IBI GROUP
400 – 333 Preston Street
Ottawa ON K1S 5N4 Canada
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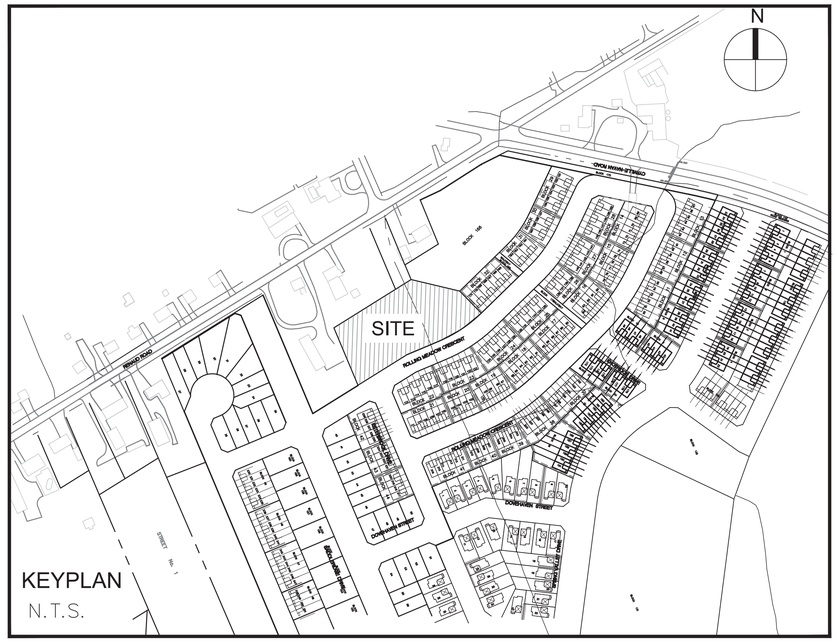

Sheet List Table	
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000	COVER
001	GENERAL PLAN OF SERVICING
010	NOTES-LEGEND-CB DATA
011	SECTIONS
200	GRADING PLAN
300	COMPOSITE UTILITY PLAN
400	SANITARY DRAINAGE AREA PLAN
500	STORM DRAINAGE AREA PLAN
501	ICD AND INFIILTRATION DRAINAGE AREA PLAN
900	EROSION - SEDIMENT PLAN

ZENS
WALK-UP TOWNHOUSES

CONTRACT NO. 115201

ISSUED FOR CITY REIEW 2018-10-11
CITY FILE No. ##### CITY PLAN No. #####

STM STRUCTURE TABLE

NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
CBMH1	76.95	S74.835	NE74.800	1200ø OPSD 701.010
CBMH2	77.00	SW74.679	SE74.620	1200ø OPSD 701.010
EXMH150B	76.33	NW74.180 NE74.260	SW74.122	1200ø OPSD 701.010
EXMH151	77.22	N75.030 NE74.399	SW74.299	1200ø OPSD 701.010
MH1	76.42	NW74.230	SE74.205	1200ø OPSD 701.010
MH2	77.11	NE74.430	SW74.423	1200ø OPSD 701.010
MH3	154.66	NE74.380 NW74.430	SE74.305	1200ø OPSD 701.010
MH4	77.05	SW75.443	SE74.496	1200ø OPSD 701.010
MH5	77.99	SE75.560	N75.460	1200ø OPSD 701.010
MH10	77.71	W75.201 NE75.350	S75.100	1200ø OPSD 701.010
OGS	154.33	NW74.608	SE74.590	STC 300 OR APPROVED EQUAL

SAN STRUCTURE TABLE

NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
EXMH150A	76.35	NE73.430	SW72.650	1200ø OPSD 705.010
EXMH151A	77.18		SW73.822	1200ø OPSD 705.010
EXMH300A	76.08	NE72.590		1200ø OPSD 705.010
MH1A	76.52	NW73.088 SW74.444	SE73.068	1200ø OPSD 705.010
MH2A	77.01	NW73.764 SW73.356	SE73.296	1200ø OPSD 705.010
MH3A	76.86	S73.798 NW74.563	NE73.768	1200ø OPSD 705.010
MH4A	76.95	SE73.899 NE74.515	N73.869	1200ø OPSD 705.010
MH5A	76.61	NE74.114	NW74.054	1200ø OPSD 705.010
MH6A	77.12	NE74.825	SE74.775	1200ø OPSD 705.010
MH10A	77.76	NE75.329 NW74.776	S73.966	1200ø OPSD 705.010
MH11A	78.15	NE75.215	SE75.191	1200ø OPSD 705.010
MH12A	78.22	SE75.603	SW75.543	1200ø OPSD 705.010
MH13A	78.60	SW75.843	NW75.783	1200ø OPSD 705.010

CB STRUCTURE TABLE

NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
CB02	76.31	75.080	75.020	OPSD 705.010
CB03	76.81	74.925	74.900	OPSD 705.010
CB04	77.49	W75.838 NE76.300	75.750	OPSD 705.010
CB05	77.40	75.677	75.660	OPSD 705.010
CCB B3	77.15	75.860	75.860	CITY STD S29
CCB D4	76.05	75.120	75.120	CITY STD S29
CCB02	76.60	75.750	75.750	CITY STD S29
CCB3	76.10	75.250	75.250	CITY STD S29
CCB07	77.95	77.100	77.100	CITY STD S29
CCB08	78.65	77.470	77.470	CITY STD S29
ECB A1	78.35		77.500	CITY STD S29
ECB B1	76.80		75.950	CITY STD S29
ECB D1	76.10		75.250	CITY STD S29

CB STRUCTURE TABLE

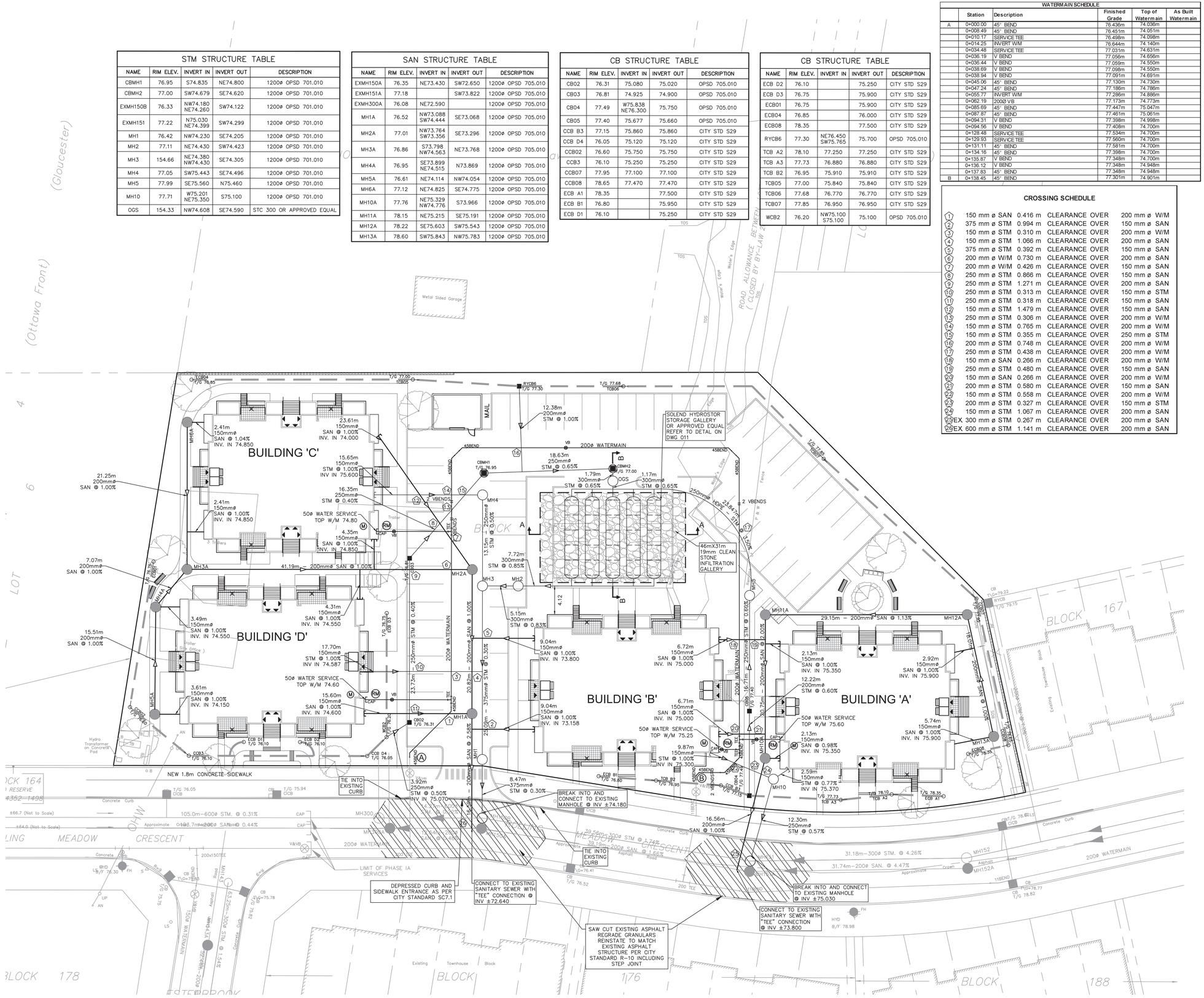
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
ECB D2	76.10		75.250	CITY STD S29
ECB D3	76.75		75.900	CITY STD S29
ECB01	76.75		75.900	CITY STD S29
ECB04	76.85		76.000	CITY STD S29
ECB08	78.35		77.500	CITY STD S29
RYCB6	77.30	NE76.450 SW75.765	75.700	OPSD 705.010
TCB A2	78.10	77.250	77.250	CITY STD S29
TCB A3	77.73	76.880	76.880	CITY STD S29
TCB B2	76.95	75.910	75.910	CITY STD S29
TCB05	77.00	75.840	75.840	CITY STD S29
TCB06	77.68	76.770	76.770	CITY STD S29
TCB07	77.85	76.950	76.950	CITY STD S29
WCB2	76.20	NW75.100 S75.100	75.100	OPSD 705.010

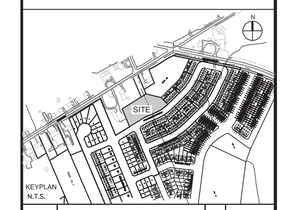
WATERMAIN SCHEDULE

	Station	Description	Finished Grade	Top of Watermain	As Built Watermain
A	0+000.00	45° BEND	76.436m	74.036m	
	0+008.49	45° BEND	76.451m	74.051m	
	0+010.17	SERVICE TEE	76.498m	74.098m	
	0+014.25	INVERT W/M	76.644m	74.140m	
	0+034.48	SERVICE TEE	77.031m	74.631m	
	0+036.19	V BEND	77.056m	74.656m	
	0+036.44	V BEND	77.059m	74.550m	
	0+038.69	V BEND	77.098m	74.550m	
	0+038.94	V BEND	77.091m	74.691m	
	0+045.06	45° BEND	77.130m	74.730m	
	0+047.24	45° BEND	77.186m	74.786m	
	0+055.77	INVERT W/M	77.286m	74.886m	
	0+062.19	200Ø VB	77.173m	74.773m	
	0+085.69	45° BEND	77.447m	75.047m	
	0+087.87	45° BEND	77.461m	75.061m	
	0+094.31	V BEND	77.398m	74.998m	
	0+094.56	V BEND	77.408m	74.700m	
	0+128.48	SERVICE TEE	77.534m	74.700m	
	0+129.93	SERVICE TEE	77.560m	74.700m	
	0+131.11	45° BEND	77.581m	74.700m	
	0+134.16	45° BEND	77.398m	74.700m	
	0+135.87	V BEND	77.348m	74.700m	
	0+136.12	V BEND	77.348m	74.948m	
	0+137.83	45° BEND	77.348m	74.948m	
B	0+138.45	45° BEND	77.301m	74.901m	

CROSSING SCHEDULE

1	150 mm ø SAN	0.416 m	CLEARANCE OVER	200 mm ø W/M
2	375 mm ø STM	0.994 m	CLEARANCE OVER	150 mm ø SAN
3	150 mm ø STM	0.310 m	CLEARANCE OVER	200 mm ø W/M
4	150 mm ø STM	1.066 m	CLEARANCE OVER	200 mm ø SAN
5	375 mm ø STM	0.392 m	CLEARANCE OVER	150 mm ø SAN
6	200 mm ø W/M	0.730 m	CLEARANCE OVER	200 mm ø SAN
7	200 mm ø W/M	0.426 m	CLEARANCE OVER	150 mm ø SAN
8	250 mm ø STM	0.866 m	CLEARANCE OVER	150 mm ø SAN
9	250 mm ø STM	1.271 m	CLEARANCE OVER	200 mm ø SAN
10	250 mm ø STM	0.313 m	CLEARANCE OVER	150 mm ø STM
11	250 mm ø STM	0.318 m	CLEARANCE OVER	150 mm ø SAN
12	150 mm ø STM	1.479 m	CLEARANCE OVER	150 mm ø SAN
13	250 mm ø STM	0.306 m	CLEARANCE OVER	200 mm ø W/M
14	150 mm ø STM	0.765 m	CLEARANCE OVER	200 mm ø W/M
15	150 mm ø STM	0.355 m	CLEARANCE OVER	250 mm ø STM
16	200 mm ø STM	0.748 m	CLEARANCE OVER	200 mm ø W/M
17	250 mm ø STM	0.438 m	CLEARANCE OVER	200 mm ø W/M
18	150 mm ø SAN	0.266 m	CLEARANCE OVER	200 mm ø W/M
19	250 mm ø STM	0.480 m	CLEARANCE OVER	150 mm ø SAN
20	150 mm ø SAN	0.266 m	CLEARANCE OVER	200 mm ø W/M
21	200 mm ø STM	0.580 m	CLEARANCE OVER	150 mm ø SAN
22	150 mm ø STM	0.558 m	CLEARANCE OVER	200 mm ø W/M
23	200 mm ø STM	0.327 m	CLEARANCE OVER	150 mm ø STM
24	150 mm ø STM	1.067 m	CLEARANCE OVER	200 mm ø SAN
25	EX 300 mm ø STM	0.267 m	CLEARANCE OVER	200 mm ø SAN
26	EX 600 mm ø STM	1.141 m	CLEARANCE OVER	200 mm ø SAN





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Project Title

SPRING VALLEY TRAILS ZENS

WALK-UP TOWNHOUSES

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2018/10/11
PROVINCE OF ONTARIO

Drawing Title

GENERAL PLAN OF SERVICING

Scale 1:250	
Design R.M./A.Z.	Date OCTOBER 2018
Drawn E.H.	Checked D.G.Y.
Project No. 115201	Drawing No. 001

CITY PLAN No.####

CITY FILE No. ####

UTILITY LEGEND

- TRANSFORMER
- TRANSFORMER C/W CONCRETE WINGS
- HYDRO SWITCHGEAR
- HYDRO MANHOLE
- BELL PEDESTAL
- BELL GRADE LEVEL BOX (l=600mm, w=1200mm, d=750mm) C/W 1.5 x 3.0m easement
- BELL FIBER CABINET (l=1200mm, w=750mm, d=500mm)
- BELL CENTRAL SPLITTING POINTS (l=1175mm, w=1200mm, d=500mm)
- ROGERS PEDESTAL
- ROGERS VAULT (l=1000mm, w=1000mm, d=1200mm) C/W 1m x 2m easement
- P30 STREET LIGHT
- STREET LIGHT DISCONNECT
- STREET LIGHT GROUNDING
- H/B/T/G/S JOINT UTILITY TRENCH
- H HYDRO CABLE AND DUCTS
- B BELL CABLE
- BD BELL DUCTS
- T ROGERS CABLE
- TT ROGERS DUCTS
- G GAS
- S STREET LIGHT CABLE
- UTILITY DROP LOCATIONS
- 10-DUCTS 6-H 4-T CONCRETE ENCASED DUCT BANK C/W NUMBER OF DUCTS
- COMB'S COMMUNITY MAILBOX
- PROPOSED TREE LOCATION
- ROOT MANAGEMENT BARRIER

SEDIMENT EROSION LEGEND

- HEAVY DUTY SILT FENCE
- SNOW FENCE
- STRAW BALE CHECK DAM
- STRAW BALE CHECK DAM WITH FILTER CLOTH
- ROCK CHECK DAM
- SEDIMENT SACK PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

GENERAL LEGEND

- LIMIT OF CONSTRUCTION
- PHASING LINE
- BARRIER CURB
- MOUNTABLE CURB
- DEPRESSED BARRIER CURB
- CONCRETE SIDEWALK
- TACTILE WALKING SURFACE INDICATOR
- ASPHALT SIDEWALK / PATHWAY
- BUS STOP CONCRETE / ASPHALT

SERVICING LEGEND

- MH118A SANITARY MANHOLE
- MH119A SANITARY MANHOLE C/W WATER TIGHT COVER
- 200mmø SAN SANITARY SEWER
- MH109 MH118 STORM MANHOLE
- 825mmø STM STORM SEWER - LESS THAN 900Ø
- 900mmø STM STORM SEWER - 900Ø AND GREATER
- 200ø WATERMAIN WATERMAIN
- CB100 T/G 104.10 STREET CATCHBASIN C/W TOP OF GRATE
- CICB101 G/G 104.25 CURB INLET CATCHBASIN C/W GUTTER GRADE
- DCB100 T/G 104.10 DOUBLE CATCHBASIN C/W TOP OF GRATE
- DCICB101 G/G 104.25 DITCH INLET CATCHBASIN C/W GUTTER GRADE
- CBMH100 T/G 103.59 CATCHBASIN MANHOLE C/W TOP OF GRATE
- CBMH101 T/G 103.59 DITCH INLET MANHOLE C/W TOP OF GRATE
- CB100 T/G 104.10 ICD LOCATION
- RYCB T/G 104.35 REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE C/W SOLID GRATE
- TCB T/G 104.35 REAR YARD "TEE" CATCHBASIN C/W TOP OF GRATE (300Ø)
- ECB T/G 104.50 REAR YARD "END" CATCHBASIN C/W TOP OF GRATE (300Ø)
- LCCB T/G 104.35 REAR YARD "CUSTOM ANGLED" CATCHBASIN C/W TOP OF GRATE (450Ø)
- RCB T/G 104.35 REAR YARD "THREE WAY" CATCHBASIN C/W TOP OF GRATE (450Ø)
- PERFORATED REAR YARD SUBDRAIN
- 300mmø CSP CSP CULVERT
- V&VB VALVE AND VALVE BOX
- V&VC VALVE AND VALVE CHAMBER
- HYD 104.35 FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION
- 200ø WM RED 150ø WM WATERMAIN REDUCER
- 2 VBENDS VERTICAL BEND LOCATION
- SINGLE SERVICE LOCATION
- DOUBLE SERVICE LOCATION
- Bd. 12 102.00 INFERRED BEDROCK (SEE GEOTECHNICAL REPORT)
- HGL 101.79 100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE
- S/T HGL 101.79 STRESS TEST STORM HYDRAULIC GRADE LINE AT MANHOLE
- I.OB 102.40 UNDERSIDE OF FOOTING ELEVATION (WITH LOT #)
- CLAY SEAL IN SEWER / WATERMAIN TRENCH
- WATER METER
- REMOTE WATER METER

GRADING LEGEND

- PROPOSED SWALE C/W FLOW DIRECTION
- 0.2% PROPOSED DITCH C/W FLOW DIRECTION AND SLOPE
- 1.3% SLOPE C/W FLOW DIRECTION
- MAJOR OVERLAND FLOW ROUTE
- ×104.62 PROPOSED SPOT GRADE
- ×104.40 (S) PROPOSED SWALE GRADE
- ×104.50 (S)HP PROPOSED SWALE HIGH POINT GRADE
- 104.60 ×103.59 LOT CORNER GRADE C/W EXISTING GRADE
- 86.45 EX × TIE INTO EXISTING GRADE
- 96.79 FULL STATIC PONDING GRADE
- RETAINING WALL
- 105.30 T/W TOP OF RETAINING WALL GRADE
- 103.50 B/W PROPOSED BOTTOM OF RETAINING WALL GRADE
- TERRACING 3:1 MAXIMUM UNLESS NOTED OTHERWISE
- PRESSURE REDUCING VALVE
- F.F.L. 96.32 T.FND. 95.96 U.S.F. 93.36 — FINISHED FLOOR ELEVATION / TOP OF FOUNDATION ELEVATION / UNDERSIDE OF FOOTING ELEVATION
- WU WALKUP UNIT
- WO WALKOUT UNIT
- NS NON-STANDARD FOUNDATION (Frost cover not provided for standard unit)
- BS BACKSPLIT UNIT (1.5m frost cover on footings)
- NOISE FENCE LOCATION
- NOISE FENCE GATE

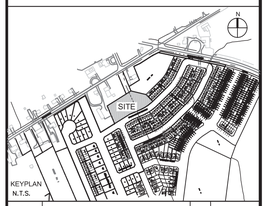
NOTES :

1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPSD/OPSS IF CITY DRAWINGS AND SPECIFICATIONS DO NOT APPLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION AND SHALL PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOW ON THESE DRAWINGS.
3. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT 07-1121-0232 PREPARED BY GOLDER ASSOCIATES LTD.
4. FOR GEODETIC BENCHMARK AND GEOMETRIC LAYOUT OF STREET AND LOTS, REFER TO TOPOGRAPHICAL SURVEY AND PLAN OF SUBDIVISION PREPARED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. BENCHMARK BASED ON CAN--NET VIRTUAL REFERENCE SYSTEM NETWORK.
5. ROADWAY SECTIONS REQUIRING GRADE RAISE TO PROPOSED SUB GRADE LEVEL TO BE FILLED WITH ACCEPTABLE NATIVE EARTH BORROW OR IMPORTED OPSS SELECTED SUBGRADE MATERIAL IF NATIVE MATERIAL IS DEFICIENT AS PER RECOMMENDATION OF GEOTECHNICAL ENGINEER.
6. IN AREAS WHERE EXISTING GROUND IS BELOW THE PROPOSED ELEVATION OF SEWER AND WATERMAINS, GRADE RAISING AND FILLING IS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. AS PER CITY GUIDELINES ALL WATERMAINS IN FILL AREAS ARE TO BE TIED WITH RESTRAINING JOINTS AND THRUST BLOCKS.
7. REFER TO DRAWING 011 FOR ROADWAY CROSS SECTIONS.
8. SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
9. STRAW BALE SEDIMENT TRAPS TO BE PLACED AND MAINTAINED IN EXISTING AND CONSTRUCTED ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED (IF APPLICABLE).
10. SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET CBs TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCBs TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
11. ALL CONNECTIONS TO EXISTING WATERMAINS ARE TO BE COMPLETED BY CITY FORCES. CONTRACTOR IS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
12. ALL LEADS FOR STREET CB's TO AND CICB's CONNECTED TO MAIN SHALL BE 200mmØ PVC DR35 @ MIN 2% SLOPE UNLESS NOTED OTHERWISE. ALL LEADS FOR RYCB's CONNECTED TO MAIN SHALL BE 200mmØ PVC DR35 @ MIN 1% SLOPE UNLESS NOTED OTHERWISE.
13. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES.
14. THE COMPOSITE UTILITY PLAN HAS BEEN REVIEWED BY IBI GROUP FOR CONFORMITY TO THE DESIGN CONCEPT FOR THE DEVELOPMENT AND FOR GENERAL ARRANGEMENT ONLY AND AS SUCH SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN EITHER LAYOUT OR WORKMANSHIP.
15. THE COMPOSITE UTILITY PLAN DRAWING IS A COMPILATION OF OTHER UTILITY DESIGNS AND DOES NOT INDICATE IN ANY WAY THAT THE PARTY SIGNING THIS DRAWING HAS DESIGNED OR APPROVED THE RESPECTIVE UTILITY PLANTS INDICATED ON THIS DRAWING. THE DRAWING WAS PREPARED TO BE USED AS REFERENCE ONLY AS PER REQUIREMENTS OF THE CITY OF OTTAWA. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE IT HAS REVIEWED THE CURRENT AND EXISTING DESIGNS BY HYDRO, STREET LIGHTING, BELL, CANADA POST, O.C. TRANSPO, CABLE TV AND ANY OTHER PARTIES INCLUDED BUT NOT MENTIONED AND COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE STAKEHOLDER UTILITY DESIGNS.
16. SPECIAL BACKFILL CONSIDERATIONS ARE REQUIRED FOR AREAS IN EXCEEDANCE OF THE PERMISSIBLE GRADE RAISE. REFER TO GEOTECHNICAL.

ROADWAY STRUCTURE:

DRIVE AISLES AND PARKING AREAS: (615mm)

40mm	- SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm	- SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm	- OPSS GRANULAR "A" CRUSHED STONE
375mm	- OPSS GRANULAR "B" TYPE II



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SPRING VALLEY TRAILS ZENS
WALK-UP TOWNHOUSES

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2018/10/11
PROVINCE OF ONTARIO

Drawing Title
GENERAL NOTES, LEGEND AND CB DATA TABLE

Scale
N.T.S.

Design	Date
R.M./A.Z.	OCTOBER 2018
Drawn	Checked
E.H.	D.G.Y.
Project No.	Drawing No.
115201	010

CITY FILE No. ####
CITY PLAN No.####

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SECTION A–A
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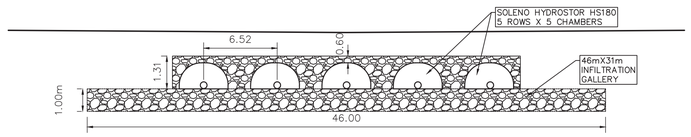

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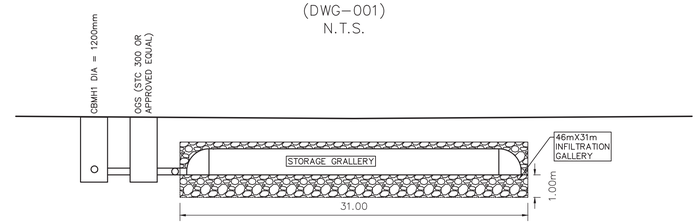

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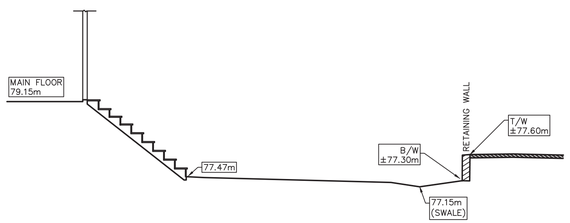

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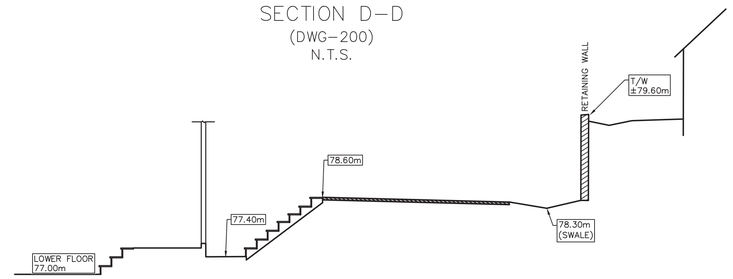

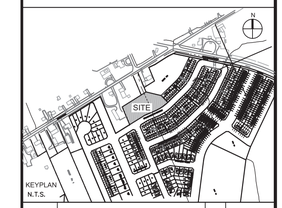

KEYPLAN
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CLARIDGE HOMES (CARSON) INC.
2001–210 GLADSTONE AVE
OTTAWA, ON
K2P 0Y6
613–233–6030

IBI GROUP
400 – 333 Preston Street
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Project Title
SPRING VALLEY TRAILS ZENS
WALK-UP TOWNHOUSES

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2018/10/11
PROVINCE OF ONTARIO

Drawing Title
SECTIONS

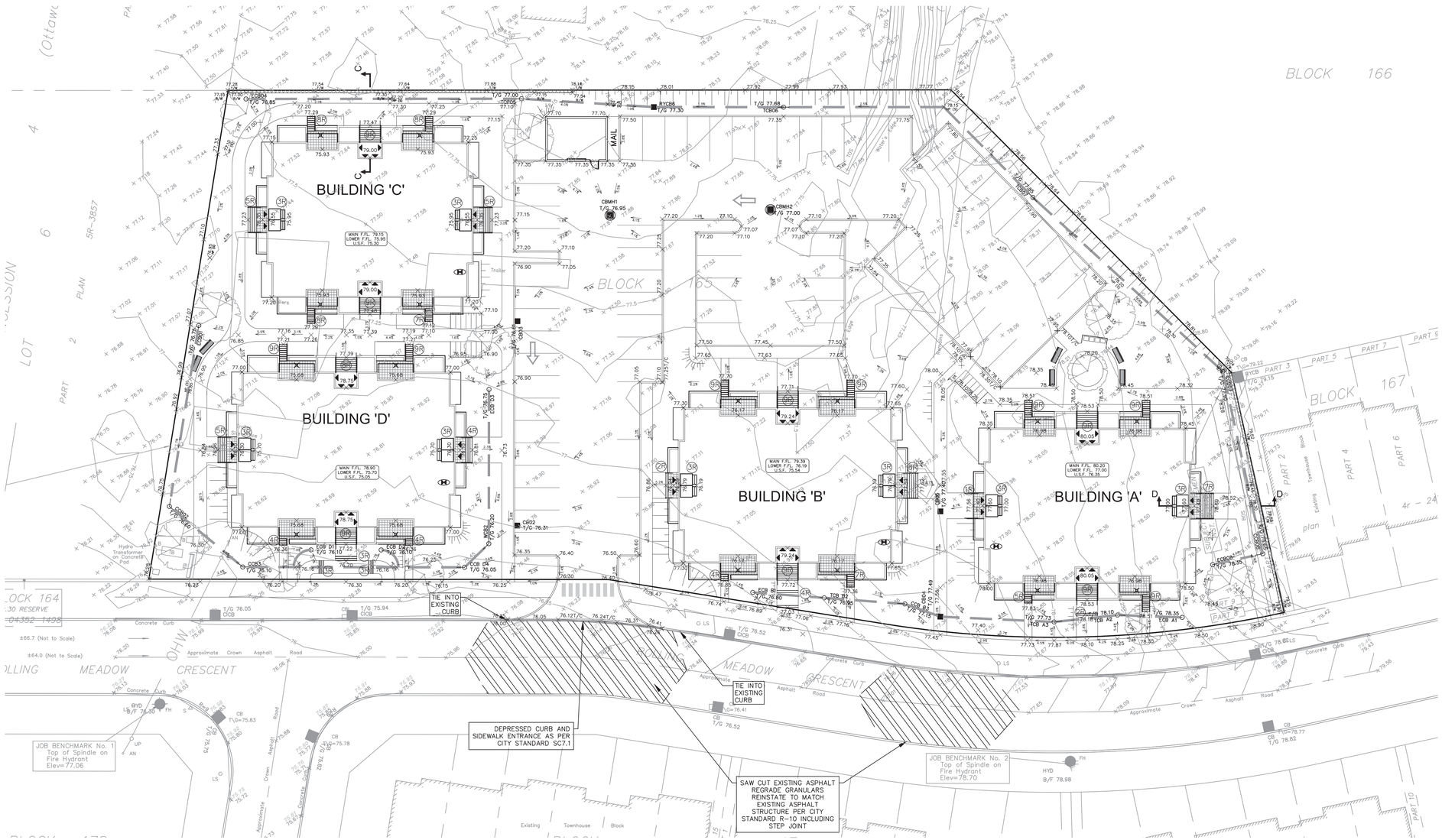
Scale
NTS

Design	Date
R.M./A.Z.	OCTOBER 2018
Drawn	**Checked**
E.H.	D.G.Y.
Project No.	**Drawing No.**
115201	011

CITY PLAN No.#####

CITY FILE No. #####

J:\115201_SVTWalkups\3.9 Drawings\Sheet\layouts\011 STREET SECTIONS.dwg Layout Name: 011 STREET SECTIONS Plotted At: 10/11/2018 11:04 AM Last Saved By: EHENRE Last Saved At: Oct. 11, 18



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Project Title

SPRING VALLEY TRAILS ZENS

WALK-UP TOWNHOUSES

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2018/10/11
PROVINCE OF ONTARIO

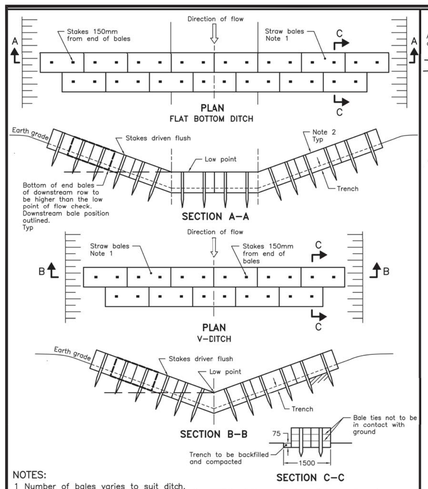
Drawing Title

GRADING PLAN

Scale 1:250	
Design R.M./A.Z.	Date OCTOBER 2018
Drawn E.H.	Checked D.G.Y.
Project No. 115201	Drawing No. 200

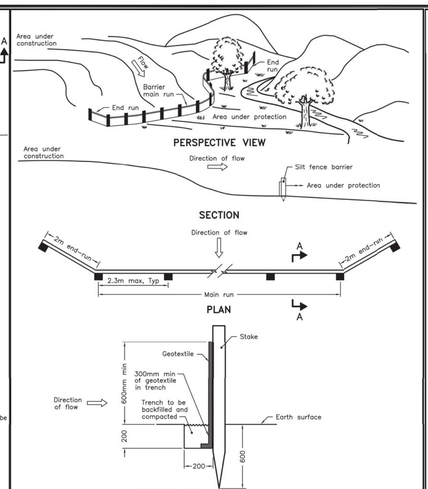
CITY PLAN No.####

CITY FILE No. ####



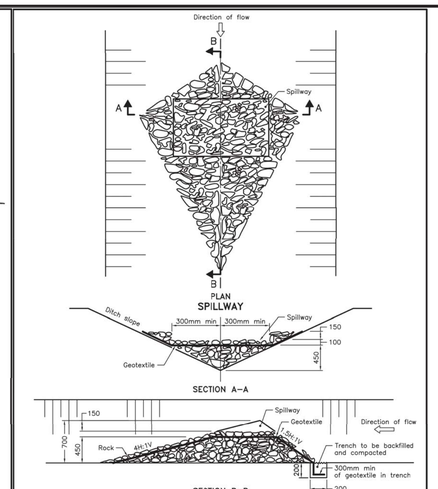
NOTES:
1 Number of bales varies to suit ditch.
2 Straw bales to be butted tightly against adjoining bales and shaped to conform to the sides of the ditch to prevent water flow through barrier.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
STRAW BALE FLOW CHECK DAM	OPSD 219.180	



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
LIGHT–DUTY SILT FENCE BARRIER	OPSD 219.110	



NOTE:
A All dimensions are in millimetres unless otherwise shown.

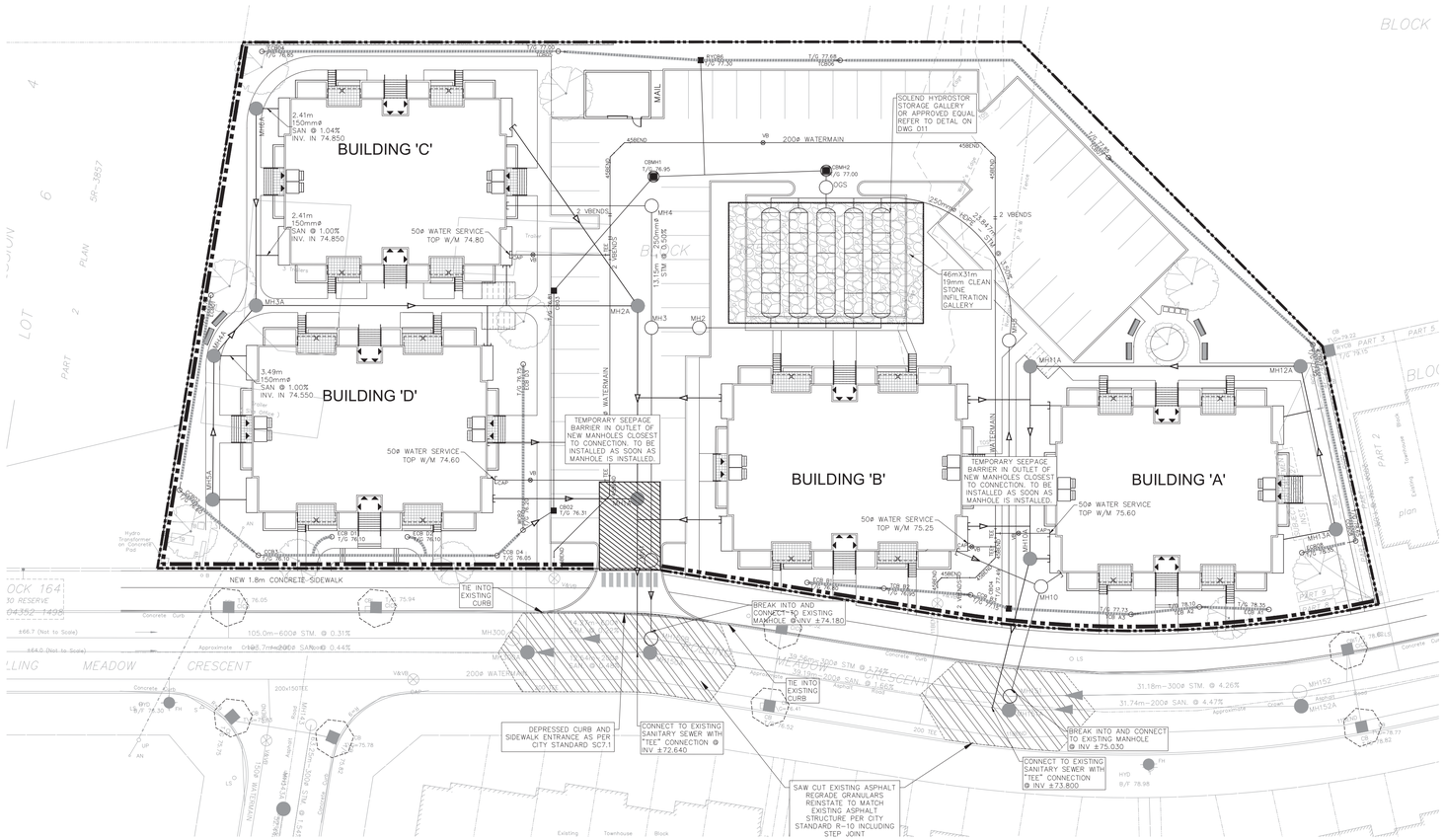
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
ROCK FLOW CHECK DAM V–DITCH	OPSD 219.210	

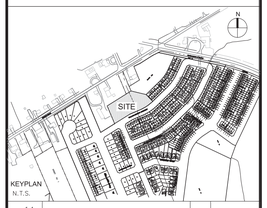
NOTES:

1. SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
2. STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
3. SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET CBs TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCBs TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
4. CONTRACTOR TO PROVIDE DETAILS ON LOCATION(S) AND DESIGN OF DEWATERING TRAP(S) PRIOR TO COMMENCING WORK. CONTRACTOR ALSO RESPONSIBLE FOR MAINTAINING TRAP(S) AND ADJUSTING SIZE(S) IF DEEMED REQUIRED BY THE ENGINEER DURING CONSTRUCTION.
5. CONTRACTOR TO PROTECT EXISTING CATCHBASINS WITH FILTER CLOTH UNDER THE COVERS TO TRAP SEDIMENTATION. REFER TO IDENTIFIED STRUCTURES.

LEGEND

- HEAVY DUTY SILT FENCE
- SNOW FENCE
- STRAW BALE CHECK DAM
- STRAW BALE CHECK DAM WITH FILTER CLOTH
- ROCK CHECK DAM
- SEDIMENT SACK PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH





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Project Title
SPRING VALLEY TRAILS ZENS
WALK-UP TOWNHOUSES

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2018/10/11
PROVINCE OF ONTARIO

Drawing Title
EROSION AND SEDEMENTATION CONTROL PLAN

Scale 1:500

Design	Date
R.M./A.Z.	OCTOBER 2018
Drawn	Checked
E.H.	D.G.Y.
Project No.	Drawing No.
115201	900

CITY PLAN No.####

CITY FILE No. ####

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