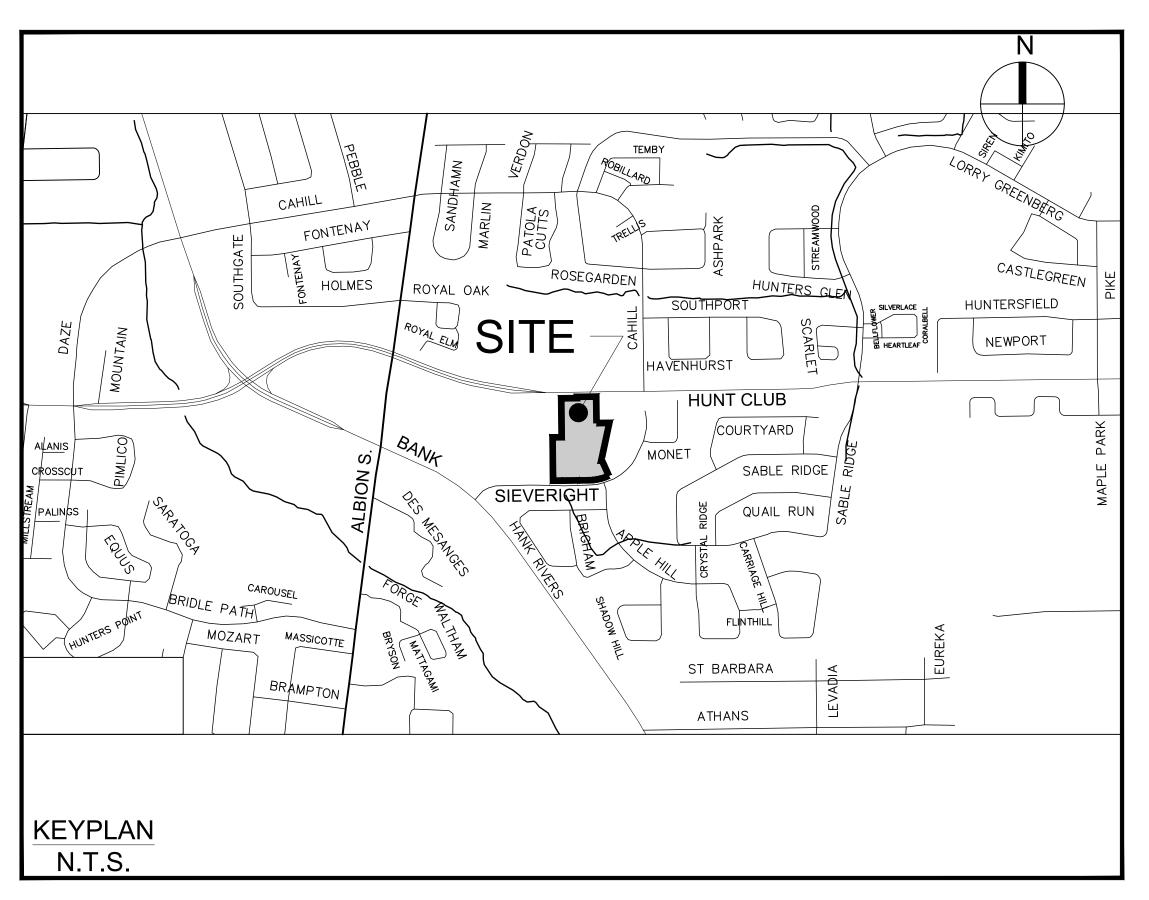
# LARGA BAFFIN PHOENIX HOMES

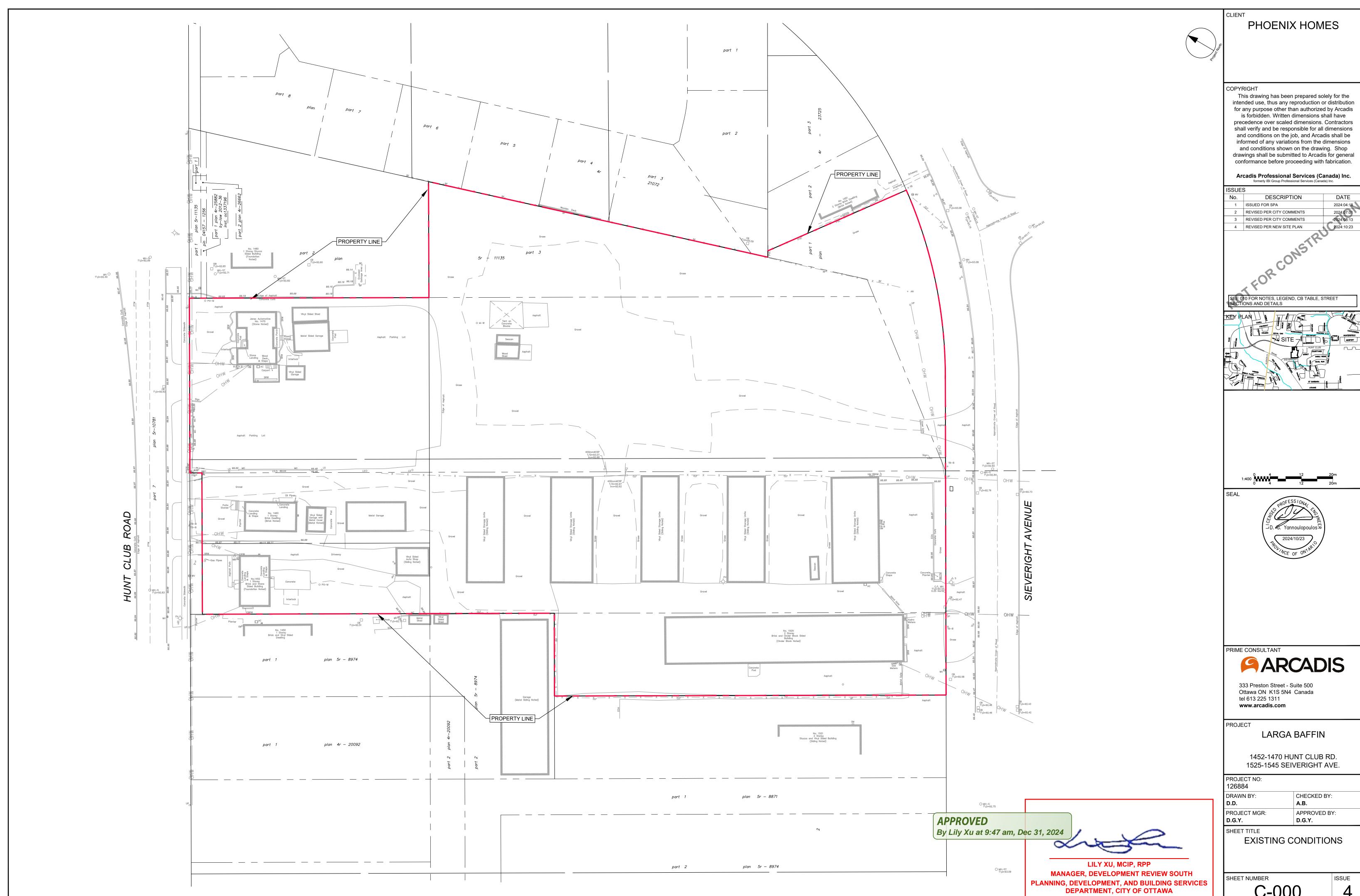


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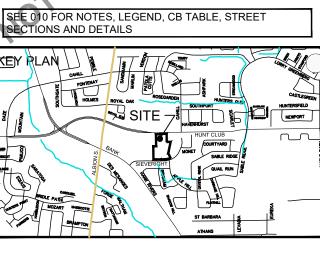


1452-1470 HUNT CLUB RD. 1525-1545 SEIVERIGHT AVE.

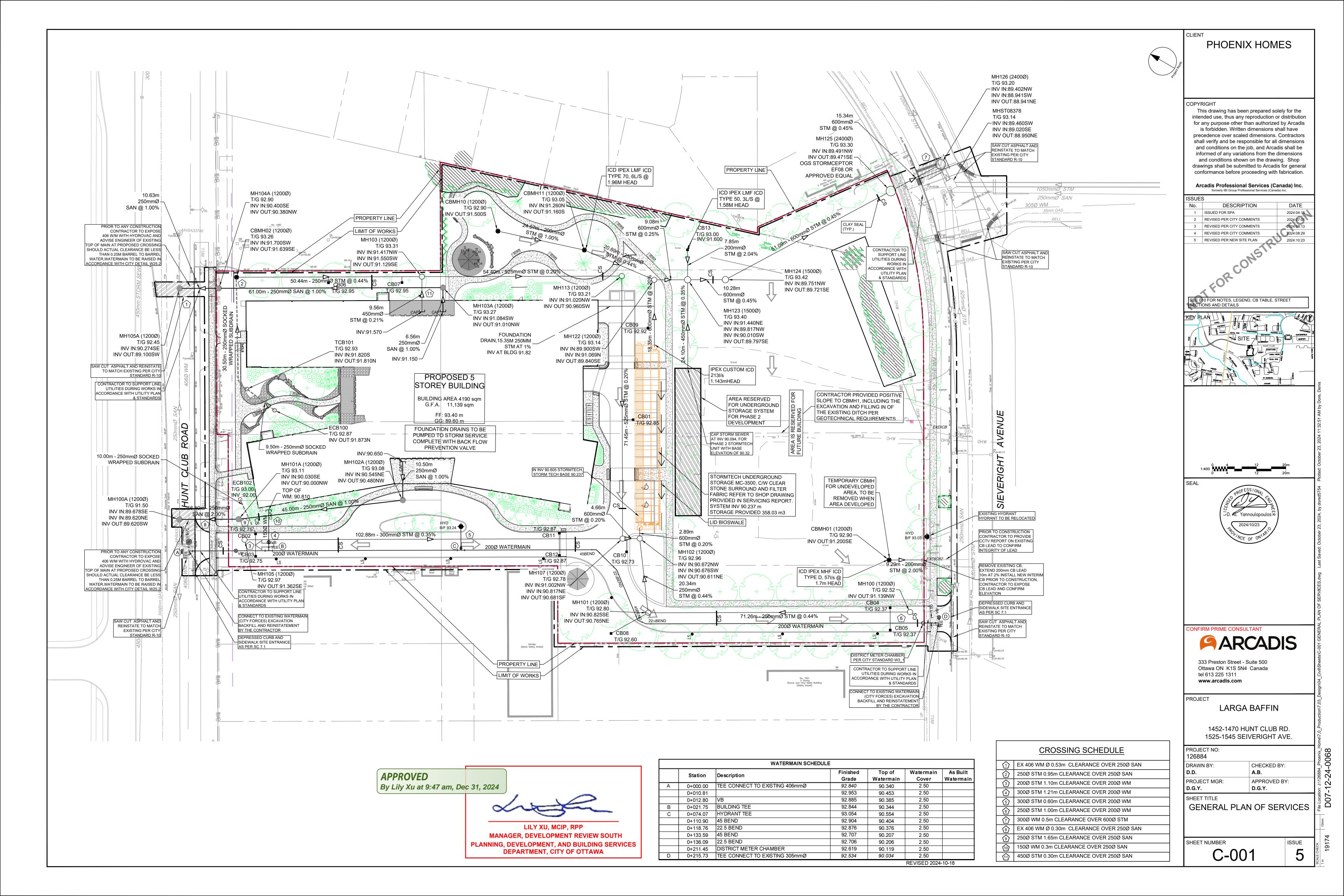
Sheet List Table				
Sheet Number	Sheet Title			
	COVER			
C-000	EXISTING CONDITIONS			
C-001	GENERAL PLAN OF SERVICES			
C-010	DETAILS AND NOTES			
C-020	REMOVALS PLAN			
C-200	GRADING PLAN			
C-400	SANITARY DRAINAGE AREA PLAN			
C-500	STORM DRAINAGE AREA PLAN			
C-600	PONDING PLAN			
C-900	SEDIMENT - EROSION PLAN			



ISSUE	formerly IBI Group Professional Services (Ca	ınada) Inc.
No.	DESCRIPTION	DATE
1	ISSUED FOR SPA	2024:04:18
2	REVISED PER CITY COMMENTS	2024:07:01
3	REVISED PER CITY COMMENTS	2024:08:13
4	REVISED PER NEW SITE PLAN	2024:10:23
	FORCOMS	
SEE 0	10 FOR NOTES LEGEND OR TABLE	QTDEET



C-000



### **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

### OFFINIO LEOFNE

SERVICING LEGEND			"	Shrub
- MU440A			"	Fire Hydrant
MH118A	SANITARY MANHOLE	<b>№</b> WV	"	Water Valve
200mmØ SAN	SANITARY SEWER	o SP	"	Water Stand Post
MH109 MH118	STORM MANHOLE	○ MH-ST	"	Maintenance Hole (Storm Sewer)
825mmØ STM	STORM SEWER - LESS THAN 900Ø	○ MH−S	"	Maintenance Hole (Sanitary)
900mmØ STM	STORINI SEVVER - LESS THAIN 90000	○ MH	"	Maintenance Hole (Unidentified)
4	STORM SEWER - 900Ø AND GREATER	<b>₩</b> VC	"	Valve Chamber (Watermain)
200Ø WATERMAIN	WATERMAIN	OHW	- "	Overhead Wires
■ CB100	STREET CATCHBASIN C/W TOP OF GRATE	СВ	"	Catch Basin
T/G 104.10 CICB101		□CBI	"	Catch Basin Inlet
G/G 104.25	CURB INLET CATCHBASIN C/W GUTTER GRADE	CSP	"	Corrugated Steel Pipe
DCB100 T/G 104.10	DOUBLE CATCHBASIN C/W TOP OF GRATE	O M-W	"	Monitoring Well
DCICB101	DOUBLE CURB INLET CATCHBASIN C/W GUTTER GRADE	O V-P	"	Vent Pipe
G/G 104.25		⊗ GV	"	Gas Valve
DI101 T/G 103.59	DITCH INLET MANHOLE C/W TOP OF GRATE	□GM	"	Gas Meter
CBMH101 T/G 103.59	CATCHBASIN MANHOLE C/W TOP OF GRATE	□ HM	"	Hydro Meter
DVCD	REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE	□ HH	"	Handhole
T/G 104.35	C/W SOLID GRATE	□ ТВ−В	"	Bell Terminal Box
T/G 104 35	REAR YARD "TEE" CATCHBASIN (300Ø) C/W TOP OF GRATE	□ TB	"	Unidentified Terminal Box
T/G 104.35 INV 103.35	AND INVERT OUT	∘ B △ S		Bollard Sign
T/C 104 F0	REAR YARD "END" CATCHBASIN (300Ø) C/W TOP OF GRATE	HT	"	Hydro Transformer
OT/G 104.50 INV 103.50	AND INVERT OUT	LW	"	Lowest Wire
T/G 104 35	REAR YARD "CUSTOM ANGLED " CATCHBASIN (450Ø) C/W TOP OF	CW	"	Closest Wire
T/G 104.35 INV 103.35	GRATE AND INVERT OUT	MC	"	Moveable Curb
V	REAR YARD "THREE WAY" CATCHBASIN (450Ø) C/W TOP OF	CBRW	"	Concrete Block Retaining Wall
T/G 104.35 INV 103.35	GRATE AND INVERT OUT	SRW	"	Stone Retaining Wall
	PERFORATED REAR YARD SUBDRAIN	EOA	"	Edge of Asphalt
300mmØ CSP		T/G	"	Top of Grate
<del></del>	CSP CULVERT C/W DIAMETER	T/P	"	Top of Pipe
<b>⊗</b> V&VB	VALVE AND VALVE BOX	Elev	"	Elevation
<b>⊚</b> V&VC	VALVE AND VALVE CHAMBER	Fdn	"	Foundation
_		DH	"	Deciduous Hedge
-	PARK VALVE CHAMBER C/W SERVICE POST	PTW	"	White Paint Lines
→ HYD 104.35	FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION	PVC	"	Plastic Fence
200Ø WM RED 150Ø WM	WATERMAIN REDUCER	CLF	"	Chain Link Fence
2 VBENDS		BF	"	Board Fence Post and Wire
	VERTICAL BEND LOCATION	P&W	"	
<b>&gt;</b>	SIAMESE CONNECTION (IF REQUIRED)	0.00 #	"	Gate Wood Pole
M	METER (IF REQUIRED)	O PO-W	"	Metal Pole
		O PO-M OUP		Utility Pole
RM	REMOTE METER (IF REQUIRED)		"	Anchor
A	WATERMAIN IDENTIFICATION (IF REQUIRED)	o AN	"	Light Standard
1	PIPE CROSSING IDENTIFICATION (IF REQUIRED)	O LS	"	-
$\triangleleft$		å мв	"	Mail Box
	SINGLE SERVICE LOCATION	O W	"	Well Cap
$\triangleleft$	DOUBLE SERVICE LOCATION		"	Air Conditioner
BH 12 102.00	INFERRED REFUSAL (SEE GEOTECHNICAL REPORT)	+65.00	"	Diameter
		+65.00 +65.00	"	Location of Elevations
HGL	100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE	+60.	"	Top of Concrete Curb Elevation
101.79 USF	UNDERSIDE OF FOOTING ELEVATION	+65.00	"	Top of Wall Elevation
101.79	ONDEROIDE OF FOOTING ELEVATION	C/L	"	Centreline
	CLAY SEAL IN SEWER / WATERMAIN TRENCH		"	Property Line

## UTILITY NOTES:

Notes & Legend (ANNIS, O'SULLIVAN, VOLLEBEKK LTD.)

Survey Monument Planted

Survey Monument Found

Short Standard Iron Bar

Annis O'Sullivan Vollebekk Ltd.

(AOG) Plan of Survey dated September 17, 2020

Standard Iron Bar

Concrete Pin

Accepted

Deciduous Tree

(AOG)

- 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
- 2. THE POSITION OF UNDERGROUND AND ABOVEGROUND SERVICE, UTILITIES AND STRUCUTRES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH SERVICE, UTILITIES AND STRUCTURES IS NOT GUARENTEED. THE CONTRACTOR IS SERVICES AND UTILITIES PRIOR TO CONSTRUCTION.
- 3. THE CONTRACTOR SHALL REPORT ALL CONFLICTS, DISCOVERIES OF ERROR AND DESCREPENCIES TO THE
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES
- 6. THE COMPOSITE UTILITY PLAN HAS BEEN REVIEWED BY ARCDIS 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
- THE PARTY SIGNING THIS DRAWING HAS DESIGNED OR APPROVED THE RESPECTIVE UTILITY PLANTS REQUIREMENTS OF THE CITY OF OTTAWA. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE IT HAS 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.
- 8. CONTRACTOR TO ADVISE ENGINEER IN WRITING OF ANY DISCREPANCIES IN THE HYDRO, BELL, ROGERS, ENBRIDGE, AND STREETLIGHT DRAWINGS, AND THE CUP AHEAD OF INSTALLATION.
- 10. BELL AND ROGERS VAULT EASEMENT SIZE AND LOCATION ARE AS SHOWN ON THE CUP. ANY LOCATION DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IN WRITING AHEAD OF INSTALLATION.
- 11. BELL AND ROGERS VAULTS ARE TO BE PLACED TO THE EXTENT POSSIBLE IN THE RIGHT OF WAY FINAL INSTALLATION AND FIBRE LINE PLACEMENT. VAULTS INSTALLED IN THE WRONG LOCATION OR OUTSIDE THE EASEMENTS WILL BE RELOCATED AT THE COST OF BELL AND ROGERS.
- 13. STREETLIGHTS ARE TO BE INSTALLED AT THE OFFSETS FROM FACE OF CURB SHOWN ON THE APPROVED ROAD SECTIONS FOR THE PROJECT.
- SURVEYOR.

- RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING
- WHETHER OR NOT SHOW ON THESE DRAWINGS.
- 5. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES.
- 7. THIS DRAWING IS A COMPILATION OF OTHER UTILITY DESIGNS AND DOES NOT INDICATE IN ANY WAY THAT INDICATED ON THIS DRAWING. THE DRAWING WAS PREPARED TO BE USED AS REFERENCE ONLY AS PER REVIEWED THE CURRENT AND EXISTING DESIGNS BY HYDRO, STREET LIGHTING, BELL, CANADA POST, O.C.
- 9. HYDRO INSPECTOR IS TO BE NOTIFIED AND PRESENT AHEAD OF HYDRO INSTALLATION
- RESPECTING THE REQUIRED CLEARANCES FROM DUCTS IN THE JOINT UTILITY TRENCH. IF VAULTS ARE ON PRIVATE PROPERTY THEY MUST BE PLACED WITHIN THE EASEMENT. VERIFY VAULT CORNERS PRIOR TO
- 12. UTILITY EASEMENTS ARE TO BE STAKED ALL 4 CORNERS WITH PROPOSED FINAL GRADES MARKED ON THE
- 14. CAD FILES OF THE CUP PROVIDED BY THE ENGINEER ARE AS A COURTESY ONLY TO ASSIST THE CONTRACTOR. LAYOUT OF THE UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR AND LEGAL

## WATERMAIN CROSSING OVER SEWER

### 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
- 2. THE POSITION OF UNDERGROUND AND ABOVEGROUND SERVICE, UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH SERVICE, UTILITIES AND STRUCTURES IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION.
- 3. THE CONTRACTOR SHALL REPORT ALL CONFLICTS, DISCOVERIES OF ERROR AND DISCREPANCIES TO
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOW ON THESE DRAWINGS.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL LANDS BEYOND THE SITE LIMITS. ANY AREAS BEYOND THE SITE LIMITS, WHICH ARE DISTURBED DURING CONSTRUCTION, SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE ADJACENT LAND OWNER. THE OWNER. THE OWNERS REPRESENTATIVES AND/OR THE AUTHORITY HAVING JURISDICTION AT THE EXPENSE OF THE CONTRACTOR.
- 6. WHERE NECESSARY, THE CONTRACTOR SHALL IMPLEMENT A TRAFFIC MANAGEMENT PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE LATEST VERSION OF THE M.T.O. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL TEMPORARY TRAFFIC CONTROL MEASURES MUST BE REMOVED UPON THE COMPLETION OF THE WORKS.
- 7. SHOULD ANY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE OWNER TO CONTACT THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATE, AND WORK WITHIN THE AREA SHALL BE CEASED UNTIL FURTHER NOTICE.
- 8. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT PG5499-1 PREPARED BY

40 Wear Course - Superpave 12.5 Asphaltic Concrete 50 Binder Course - Superpave 19.0 Asphaltic Concrete 150 BASE - OPSS Granular A Crushed Stone 450 SUBBASE - OPSS Granular B Type II SUBGRADE - Either fill, in situ soil or OPSS Granular B Type I or II material placed over in situ soil

50 Wear Course - HL 3 or Superpave 12.5 Asphaltic Concrete - OPSS Granular A Crushed Stone 300 SUBBASE - OPSS Granular B Type II SUBGRADE - Either fill, in situ soil or OPSS Granular B Type I or II material placed over in situ soil

- 9. FOR GEODETIC **BENCHMARK** AND GEOMETRIC LAYOUT OF STREET AND LOTS, REFER TO TOPOGRAPHICAL SURVEY AND PLAN OF SUBDIVISION PREPARED BY **AOV** BENCHMARK BASED ON CAN--NET VIRTUAL REFERENCE SYSTEM NETWORK.
- 10. FOR SITE PLAN INFORMATION, REFER TO SITE PLAN PREPARED BY **DTAH**.
- 11. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES
- 12. 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.
- 13. 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.
- 14. THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY SITE CONSTRUCTION. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER, OR ANY REGULATORY AGENCY. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL VEGETATION IS ESTABLISH OR UNTIL THE START OF A SUBSEQUENT PHASE.
- 15. CONTRACTORS SHALL BE RESPONSIBLE FOR KEEPING CLEAN ALL ROADS WHICH BECOME COVERED IN DUST, DEBRIS AND/OR MUD AS A RESULT OF ITS CONSTRUCTION OPERATIONS.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE SHOULD THE MAXIMUM OPSD TRENCH WIDTH BE EXCEEDED
- 17. ALL PIPE, CULVERTS, STRUCTURES REFER TO NOMINAL INSIDE DIMENSIONS.
- 18. SHOULD CLAY SEALS BE REQUIRED, THEY SHALL BE INSTALLED AS PER THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT.
- 19. UNLESS SPECIFICALLY NOTED OTHERWISE, PIPE MATERIALS SHALL BE AS FOLLOWS; -WATERMAINS TO BE PVC DR18
- -SANITARY SEWER TO BE PVC DR35 -PERFORATED STORM SEWERS IN REAR YARDS AND LANDSCAPE AREAS TO BE HDPE -STORM SEWERS 375mm DIAMETER AND LESS TO BE PVC DR35
- -STORM SEWERS 450mm DIAMETER AND GREATER TO BE CONCRETE, CLASS AS PER OPSD 807.010 OR 807.030. OR HIGHER FOR SHALLOW SEWERS, REFER TO CITY STANDARD S35.
- 20. ALL CONNECTIONS TO EXISTING WATERMAINS ARE TO BE COMPLETED BY CITY FORCES. CONTRACTOR IS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
- 21. ANY WATERMAIN WITH LESS THAN 2.4m AND ANY SEWER WITH LESS THAN 2.0m DEPTH OF COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22 OR AS APPROVED BY THE ENGINEER. WATERMAINS ADJACENT TO OPEN STRUCTURES REQUIRES THERMAL INSULATION PER CITY
- 22. ALL FIRE HYDRANTS AS PER CITY STANDARD W19, c/w 150mmØ LEAD UNLESS OTHERWISE SPECIFIED.
- 23. ALL STUBBED SEWERS SHALL HAVE PRE-MANUFACTURED CAPS INSTALLED.
- 24. ALL CATCHBASINS SHALL HAVE A 600mm SUMP. ALL CATCHBASIN MANHOLES, AND ALL STORM MANHOLES WITH OUTLETTING PIPE SIZES LESS THAN 900mm, SHALL HAVE A 300mm SUMP.
- 25. ALL SANITARY MANHOLES SHALL BE EQUIPPED WITH A WATERTIGHT COVER.
- 26. ALL LEADS FOR STREET CATCHBASIN'S AND CURB INLET CATCHBASIN'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.
- 27. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL STREET CATCHBASINS SHALL BE INSTALLED WITH TWO -3.0m MINIMUM SUBDRAINS INSTALLED LONGITUDINALLY, PARALLEL WITH THE CURB. ALL CATCHBASINS IN ASPHALT AREAS, NOT ADJACENT TO A CURB, SHALL BE INSTALLED WITH FOUR - 3.0m MINIMUM SUBDRAINS INSTALLED ORTHOGONALLY.
- 28. INLET CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMPLETING THE ROAD BASE (GRANULAR A). 29. ALL SEWER SERVICE LATERALS WITH MAINLINE CONNECTIONS DEEPER THAN 5.0m REQUIRE A CONTROLLED SETTLEMENT JOINT.
- 30. EACH BUILDING SHALL BE EQUIPPED WITH A SANITARY AND STORM SEWER BACKWATER VALVE AND CLEAN-OUT ON ITS PRIMARY SERVICE, AS PER ONTARIO BUILDING CODE REQUIREMENTS (BY OTHERS).
- 31. THE SUBGRADE OF ALL STRUCTURES, PIPE, ROADS, SIDEWALKS, WALKWAYS, AND BUILDINGS SHALL BE

INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

- 32. TOP COURSE ASPHALT SHALL NOT BE PLACED UNTIL THE FINAL CCTV INSPECTION AND NECESSARY
- REPAIRS HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF OTTAWA. 33. ALL CURBS TO BE BARRIER TYPE PER CITY STANDARD SC1.1,

PLANNING, DEVELOPMENT, AND BUILDING SERVICES

**DEPARTMENT. CITY OF OTTAWA** 



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4 REVISED PER NEW SITE PLAN SEE 010 FOR NOTES, LEGEND, CB TABLE, STREET



PRIME CONSULTANT **ARCADIS** 

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PROJECT LARGA BAFFIN

1452-1470 HUNT CLUB RD.

1525-1545 SEIVERIGHT AVE.				
PROJECT NO: 126884				
DRAWN BY: D.D.	CHECKED BY: A.B.			
PROJECT MGR: D.G.Y.	APPROVED BY: <b>D.G.Y.</b>			

SHEET TITLE

NOTES & LEGEND

SHEET NUMBER

ISSUE

