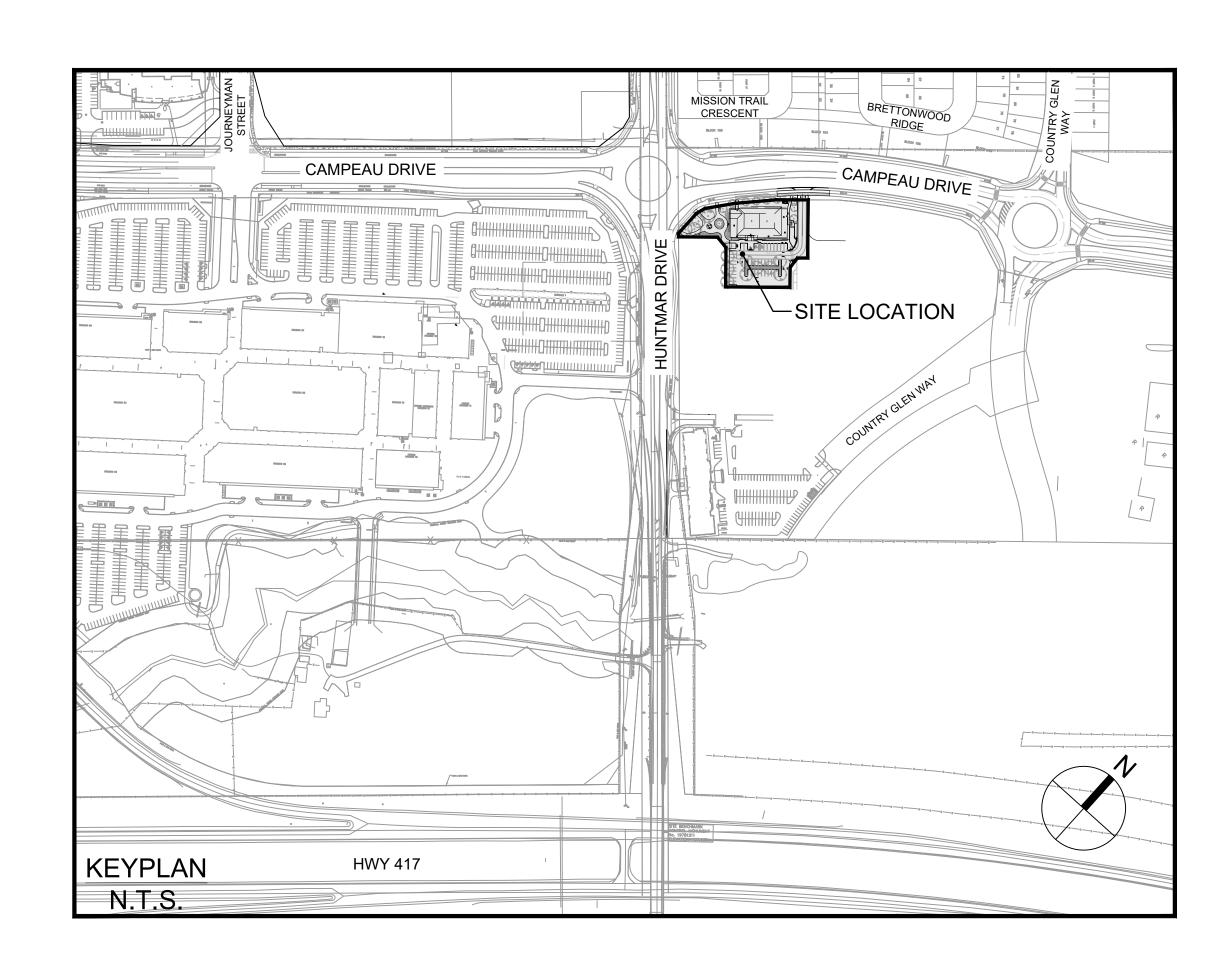
MINTO DESIGN CENTRE 370 HUNTMAR DRIVE



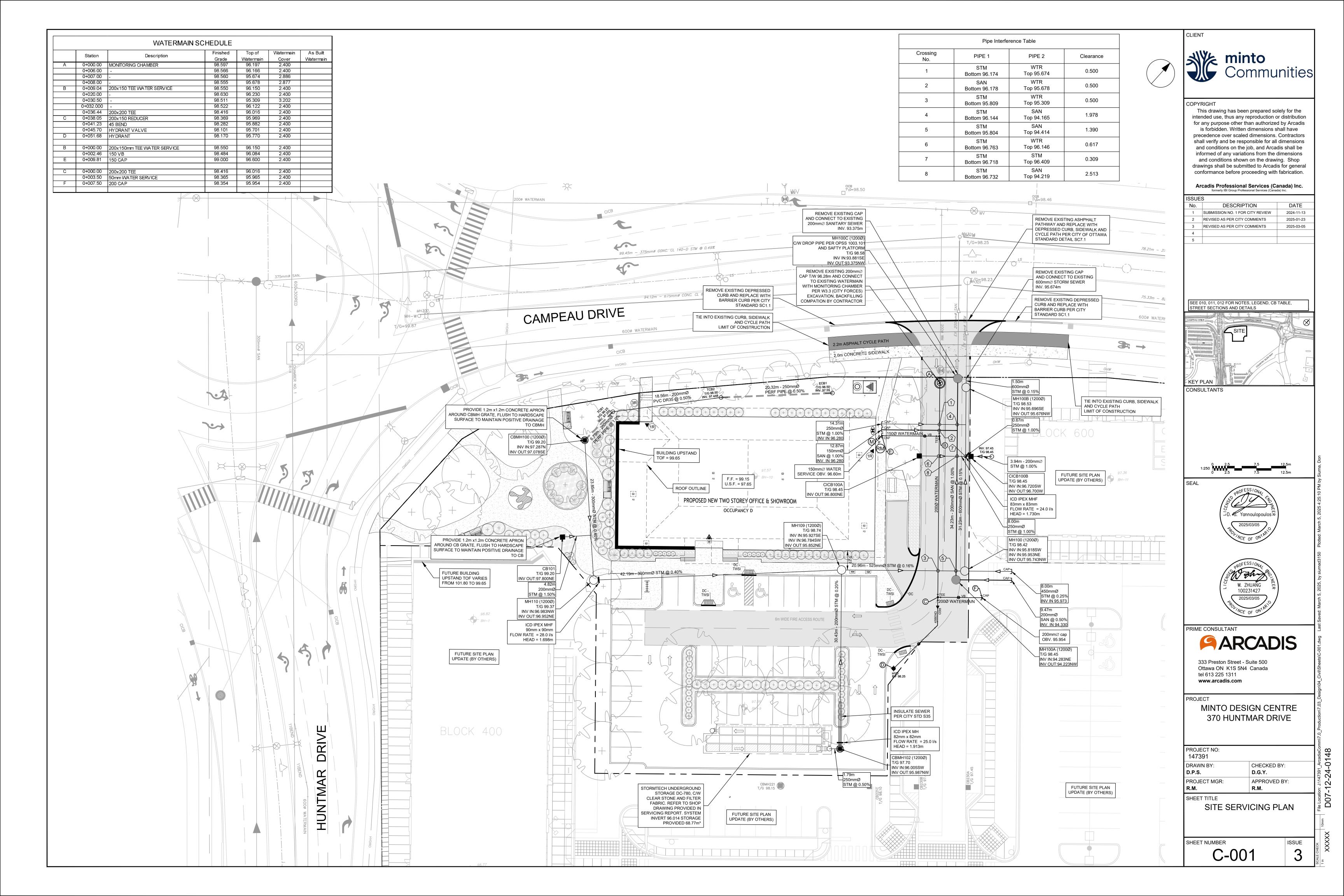
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Drawing List Table			
Drawing Number	Drawing Title	Drawing Description	
C-000	COVER		
C-001	SITE SERVICING PLAN		
C-010	NOTES & LEGEND		
C-200	SITE GRADING PLAN		
C-400	SANITARY DRAINAGE AREA PLAN		
C-500	STORM DRAINAGE AREA PLAN		
C-501	DESIGN CENTRE STORM DRAINAGE AREA PLAN		
C-600	SITE PONDING PLAN		
C-900	SEDIMENT - EROSION PLAN		



CONTRACT NO. 147391



GENERAL LEGEND

	LIMIT OF CONSTRUCTION
	PHASING LINE
	BARRIER CURB
	MOUNTABLE CURB
	DEPRESSED BARRIER CURB
CONCRETE SIDEWALK	CONCRETE SIDEWALK
	- TACTILE WALKING SURFACE INDICATOR
ASPHALT SIDEWALK	ASPHALT SIDEWALK / PATHWAY
200000000000000000000000000000000000000	RETAINING WALL
ุ BUS	BUS STOP CONCRETE / ASPHALT
	HEAVY DUTY ASPHALT
	ASPHALT
	HEAVY DUTY CONCRETE
	CONCRETE
SEB//ICINIC I	ECEND

<u> [4] 164 4]</u>	
SERVICING L	<u>EGEND</u>
MH118A	SANITARY MANHOLE
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
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	DOUBLE CURB INLET CATCHBASIN C/W GUTTER GRADE
DI101 T/G 103.59	DITCH INLET MANHOLE C/W TOP OF GRATE
CBMH101 T/G 103.59	CATCHBASIN MANHOLE C/W TOP OF GRATE
RYCB T/G 104.35	REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE C/W SOLID GRATE
T/G 104.35 NV 103.35	REAR YARD "TEE" CATCHBASIN (300Ø) C/W TOP OF GRATE AND INVERT OUT
GT/G 104.50 INV 103.50	REAR YARD "END" CATCHBASIN (300Ø) C/W TOP OF GRATE AND INVERT OUT
T/G 104.35 INV 103.35	REAR YARD "CUSTOM ANGLED " CATCHBASIN (450 \emptyset) C/W TOP OF GRATE AND INVERT OUT
T/G 104.35 NV 103.35	REAR YARD "THREE WAY" CATCHBASIN (450Ø) C/W TOP OF GRATE AND INVERT OUT
300mmØ CSP	PERFORATED REAR YARD SUBDRAIN
300111112 CS1	CSP CULVERT C/W DIAMETER
⊗ V&VB	VALVE AND VALVE BOX
⊗ V&VC	VALVE AND VALVE CHAMBER
→ □	PARK VALVE CHAMBER C/W SERVICE POST
◆ HYD 104.35	FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION
200Ø WM RED 150Ø WM	WATERMAIN REDUCER
2 VBENDS	VERTICAL BEND LOCATION
> -	SIAMESE CONNECTION (IF REQUIRED)
M	METER (IF REQUIRED)
RM	REMOTE METER (IF REQUIRED)
(A)	WATERMAIN IDENTIFICATION (IF REQUIRED)
\bigcirc	PIPE CROSSING IDENTIFICATION (IF REQUIRED)
\triangleleft	SINGLE SERVICE LOCATION
\triangleleft	DOUBLE SERVICE LOCATION
BH 12 102.00	INFERRED REFUSAL (SEE GEOTECHNICAL REPORT)
HGL 101.79	100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE
USF 101.79	UNDERSIDE OF FOOTING ELEVATION
	CLAY SEAL IN SEWER / WATERMAIN TRENCH
₩	PRESSURE REDUCING VALVE

EXISTING LEGEND

U/Eave

<u>TOP</u>OF GRATE

UNDERSIDE OF EAVE

TOP OF FOUNDATION CENTRELINE LOCATION OF ELEVATIONS TOP OF CONCRETE CURB ELEVATION PLAN 6943P&P02 UTILITY POLE ANCHOR LIGHT STANDARD CATCH BASIN WATER STAND POST **GAS METER** BOLLARD AIR CONDITIONER BOARD FENCE METAL FENCE CONCRETE RETAINING WALL TIMBER RETAINING WALL DECIDUOUS TREE ⊗
⊗
O
WATER VALVE, VALVE CHAMBER, FIRE HYDRANT SEWER MANHOLE, CATCH BASIN MANHOLE CATCH BASIN / DRAINAGE, WING WALL, HEAD WALL ○ 💢 🔅 POLE, POLE W/ LIGHT, DECORATIVE, LAWN LIGHT POWER SUPPLY, PANEL, PEDESTAL, TRANSFORMER, TOWER, REGULATOR AMP, HAND HOLE, VAULT, GAS VALVE OC TRANSPO: BUS SHELTER-NO POWER, ENERGIZED, ISOLATED STREETSCAPE: PLANTER BOX, GRATE SQUARE, ENG. SOIL

LANDSCAPE LEGEND



PROPOSED DECIDUOUS TREE

TRAFFIC CONNECT BOX / DISCONNECT BOX, SL





PROPOSED SHRUBS AND GRASSES

PROPOSED WOOD CHIP MULCH



PROPOSED PEASTONE



PROPOSED CONCRETE WALKWAY



PROPOSED MAGLIN 300 SERIES L-SERIES BACKED BENCH WITH IPE WOOD, END AND CENTRE ARMS AND SKATEBOARD DETERRENTS AS AVAILABLE FROM "MAGLIN SITE FURNITURE" AT

"WWW.MAGLIN.COM" PROPOSED 5 RING BIKE RACK

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
- 2. THE POSITION OF UNDERGROUND AND ABOVE GROUND 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 THE
- 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 GEOTECHNICAL INVESTIGATION PROPPSED COMMERCIAL DEVELOPMENT 370 HUNTMAR DRIVE, OTTAWA ONTARIO, PG3045-1R, JUNE 26, 2014 PREPARED BY PATERSON GROUP INC.

HEAVY TRUCK PARKING AREAS AND ACCESS LANES: (690mm)

- WEAR COURSE - SUPERPAVE 12.5 ASPHALTIC CONCRETE - BINDER COURSE - SUPERPAVE 19.0 ASPHALTIC CONCRETE 150mm - BASE - OPSS GRANULAR "A" CRUSHED STONE 450mm - SUBBASE - OPSS GRANULAR "B" TYPE II SUBGRADE - EITHER IN SITU SOIL, FILL OR OPSS GRANULAR B TYPE I OR II MATERIAL PLACED OVER IN SITU SOIL

- WEAR COURSE - SUPERPAVE 12.5 ASPHALTIC CONCRETE 150mm - BASE - OPSS GRANULAR "A" CRUSHED STONE 400mm - SUBBASE - OPSS GRANULAR "B" TYPE II SUBGRADE - EITHER IN SITU SOIL, FILL 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 STANTEC GEOMATICS LTD. BENCHMARK BASED ON CAN--NET VIRTUAL REFERENCE SYSTEM NETWORK.
- 10. FOR SITE PLAN INFORMATION, REFER TO SITE PLAN PREPARED BY DCA A GROUP OF ARCHITECTS, 201-1339 WELLINGTON ST. W, OTTAWA ONTARIO.
- 11. FOR NOISE ATTENUATION PLAN REFER TO ______ PREPARED BY _____
- 12. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES
- 13. 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.
- 14. 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.
- 15. REFER TO DRAWING _____ FOR ROADWAY CROSS SECTIONS (IF APPLICABLE).
- 16. 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 ESTABLISHED OR UNTIL THE START OF A SUBSEQUENT PHASE.
- 17. 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
- 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE
- SHOULD THE MAXIMUM OPSD TRENCH WIDTH BE EXCEEDED. 19. ALL PIPE, CULVERTS, STRUCTURES REFER TO NOMINAL INSIDE DIMENSIONS.
- 20. SHOULD CLAY SEALS BE REQUIRED, THEY SHALL BE INSTALLED AS PER THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT.
- 21. 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.
- 22. ALL CONNECTIONS TO EXISTING WATERMAINS ARE TO BE COMPLETED BY CITY FORCES. CONTRACTOR IS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
- 23. 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
- 24. ALL FIRE HYDRANTS AS PER CITY STANDARD W19, c/w 150mmØ LEAD UNLESS OTHERWISE SPECIFIED.
- 25. ALL STUBBED SEWERS SHALL HAVE PRE-MANUFACTURED CAPS INSTALLED.
- 26. 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.
- 27. ALL SANITARY MANHOLES IN PONDING AREAS SHALL BE EQUIPPED WITH A WATERTIGHT COVER.
- 28. 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.
- 29. 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
- 30. INLET CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMPLETING THE ROAD BASE (GRANULAR A).
- 31. ALL SEWER SERVICE LATERALS WITH MAINLINE CONNECTIONS DEEPER THAN 5.0m REQUIRE A CONTROLLED SETTLEMENT JOINT.
- 32. 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).
- 33. THE HGL PROVIDED IS BASED ON HYDRAULIC MODELING COMPLETED USING _____ AND THE 100 YEAR CHICAGO STORM EVENT (C3H10010).
- 34. THE SUBGRADE OF ALL STRUCTURES, PIPE, ROADS, SIDEWALKS, WALKWAYS, AND BUILDINGS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 35. TOP COURSE ASPHALT SHALL NOT BE PLACED UNTIL THE FINAL CCTV INSPECTION AND NECESSARY
- 36. ALL RETAINING WALLS GREATER THAN 1.0m IN HEIGHT SHALL BE DESIGNED BY A QUALIFIED STRUCTURAL

REPAIRS HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF OTTAWA.

- 37. ALL RETAINING WALLS GREATER THAN 0.6m IN HEIGHT REQUIRE A GUARD. ANY GUARD ON A RETAINING WALL GREATER THAN 1.0m IN HEIGHT SHALL BE DESIGNED BY THE QUALIFIED STRUCTURAL ENGINEER RESPONSIBLE FOR THE WALL DESIGN.
- 38. UPON COMPLETION OF THE RETAINING WALL, THE CONTRACTOR SHALL REQUEST A CONFORMANCE CERTIFICATE FROM THE QUALIFIED ENGINEER RESPONSIBLE FOR THE WALL DESIGN.



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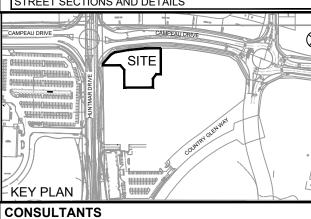
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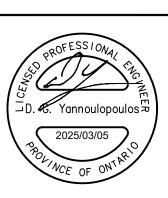
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Arcadis Professional Services (Canada) Inc.

ISSUE	:S	
No.	DESCRIPTION	DATE
1	SUBMISSION NO. 1 FOR CITY REVIEW	2024-11-13
2	REVISED AS PER CITY COMMENTS	2025-01-23
3	REVISED AS PER CITY COMMENTS	2025-03-05
4		
5		

SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS







PRIME CONSULTANT ARCADIS

www.arcadis.com

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PROJECT MINTO DESIGN CENTRE 370 HUNTMAR DRIVE

PROJECT MGR: R.M.	APPROVED BY: R.M.
DRAWN BY: D.P.S.	CHECKED BY: D.G.Y.
PROJECT NO: 147391	

SHEET TITLE

NOTES & LEGEND

SHEET NUMBER

ISSUE 3 le Location: J:\147391_ArcadiaCc

