



**LEGEND**

[Symbol]	CONCRETE BARRIER CURB	[Symbol]	PROPERTY LINE
[Symbol]	CONCRETE WALKWAY	[Symbol]	DRAINAGE SWALE
[Symbol]	PROPOSED LIGHT DUTY ASPHALT	[Symbol]	DRAINAGE DITCH
[Symbol]	PROPOSED HEAVY DUTY ASPHALT	[Symbol]	SLOPING AT 3:1 UNLESS SPECIFIED
[Symbol]	INSULATION PER W22	[Symbol]	SURFACE ELEVATION
[Symbol]	STORM SEWER MANHOLE	[Symbol]	SWALE ELEVATION
[Symbol]	CATCHBASIN MANHOLE	[Symbol]	TOP OF WALL ELEVATION
[Symbol]	CATCHBASIN	[Symbol]	BOTTOM OF WALL ELEVATION
[Symbol]	LANDSCAPE CATCHBASIN	[Symbol]	OVERLAND FLOW ROUTE
[Symbol]	SANITARY SEWER MANHOLE	[Symbol]	SILT FENCE BARRIER
[Symbol]	FIRE HYDRANT	[Symbol]	EXISTING BUILDING WALL
[Symbol]	WATER VALVE	[Symbol]	STRAW BALE CHECK DAM
[Symbol]	WATER METER	[Symbol]	PROPOSED PLAY AREA
[Symbol]	REMOTE WATER METER	[Symbol]	EXISTING SEWER
		[Symbol]	PROPOSED SEWER
		[Symbol]	LIMIT OF WORK

**FOR REVIEW ONLY**  
**NOT FOR CONSTRUCTION**

No.	Revisions	Date
7	REVISED PER COMMENTS	MAY 10, 2022
6	UPDATED PER NEW SITE PLAN	APR. 27, 2022
5	ISSUED FOR TENDER	FEB. 17, 2022
4	ISSUED FOR TENDER	FEB. 10, 2022
3	REVISED PER NEW SP	FEB. 01, 2022
2	UPDATED PER NEW SP	JAN. 07, 2022
1	ISSUED FOR REVIEW	OCT. 15, 2021

Check and verify all dimensions before proceeding with the work Do not scale drawings

SCALE 1 : 500

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Client: **FIGUR ARCHITECTS COLLECTIVE**  
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OTTAWA, ON K2P 0J4  
(613) 695-6122

Project: **1633/1635 LYCEE PLACE**  
OTTAWA, ON K1G 0E5  
613-733-8522

Drawing Title: **SITE SERVICING PLAN**

Scale:	1:500	Project Number:	CCO-22-1100
Drawn By:	N.V.	Checked By:	R.F.
Designed By:	N.V.	Drawing Number:	C102

**1 C102 SITE SERVICING**

**SEWER NOTES:**

- CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY.
- SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
  - BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
  - SUB-BEDDING, IF REQUIRED SHALL CONSIST OF 450mm OF COMPACTED GRANULAR "B" TYPE 1.
  - BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR GRANULAR "B" TYPE 1.
  - TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0 METRES BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
- SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28.
- SEWERS AND CONNECTIONS 200mmØ AND LARGER TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE.
- INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
- SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING S11, S11.1 & S11.2.
- SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"x8" LONG MARKER.
- CONTRACTOR TO TELEVISION (CCTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
- DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.

**WATERMAIN NOTES**

- CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY STANDARDS.
- INDUSTRIAL/COMMERCIAL SERVICE CONNECTIONS TO BE 50mm COPPER PIPING AND SHALL CONFORM TO ASTM 888 TYPE "K" SOFT.
- WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- THERMAL INSULATION OF WATERMANS AT OPEN STRUCTURES AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- VALVES TO BE OPERATED BY CITY STAFF ONLY.
- NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY. CITY TO BE PRESENT FOR WATERMAIN CONNECTION, CONNECTION, EXCAVATION, BACKFILLING AND REINSTATEMENT TO BE COMPLETED BY CONTRACTOR.
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERMAIN CONNECTION(S) REQUIRED. THIS SHALL BE COMPLETED IN THE PRESENCE OF A DESIGNATED MUNICIPAL WATER OPERATOR AND THE SELECTED CONTRACTOR SHALL PROVE TO THE SATISFACTION OF THE CITY THAT THEY ARE COMPETENT TO PERFORM THE WORKS PRIOR TO INITIATING CONSTRUCTION.
- ALL WATERMANS SHALL BE EQUIPPED WITH BUTTERFLY AND GATE VALVES AS PER OPSD 1100.011.
- ALL FIRE HYDRANTS, VALVE AND VALVE BOX SHALL CONFORM TO OPSD 1103.020.
- CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010 AND OPSD 1103.020.
- ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT.
- ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.

**NADER KADRI**  
**PLANNER II**  
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT  
DEPARTMENT, CITY OF OTTAWA

DRAWING: C:\City\Projects\1633-1635 Lycee Place\CCO-22-1100\PRELIMINARY\1633-1635 Lycee Place\CCO-22-1100 PRESENTATION.dwg  
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