

**LEGEND**

PROPERTY LINE

EXISTING BUILDING

PROPOSED BUILDING

SA

EXISTING SANITARY SEWER

ST

EXISTING STORM SEWER

W

EXISTING WATERMAIN

SA

PROPOSED SANITARY SEWER

ST

PROPOSED STORM SEWER

SD

PROPOSED SUBDRAIN

W

PROPOSED WATERMAIN

DC

PROPOSED FOUNDATION DRAIN

PROPOSED SILT FENCE

PROPOSED LIGHT DUTY ASPHALT

PROPOSED HEAVY DUTY ASPHALT

PROPOSED CONCRETE SIDEWALK

PROPOSED GRASS

PROPOSED HIGH LOAD 40 RIGID INSULATION

ENGINEERED WOOD FIBRE PLAYGROUND SURFACE

CB-1

PROPOSED CATCHBASIN

CBMH-1

PROPOSED CATCHBASIN MANHOLE

SAMH-1

PROPOSED SANITARY MANHOLE

STMH-1

PROPOSED STORM MANHOLE

PROPOSED INLET CONTROL DEVICE

**LEGEND (cont.)**

WV

PROPOSED WATER VALVE

RD

PROPOSED ROOF DRAIN

SC

PROPOSED SCUPPER

LIMIT OF 100 YEAR PONDING AREA

OVERLAND FLOW ROUTE

**DRAWING NOTES**

01

SUPPLY AND INSTALL NEW 150mm Ø PVC DR18 WATER MAIN SERVICE, MINIMUM 2.4m COVER, OTHERWISE PROVIDE HL40 THERMAL INSULATION IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING W22. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR A WATER PERMIT FROM THE CITY OF OTTAWA FOR INSPECTION, DISINFECTION (CHLORINATION) AND TESTING. COORDINATE NEW WATER SERVICE CONNECTION WITH MECHANICAL PLANS.

02

INSTALLATION OF NEW SERVICE CONNECTION TEE TO EXISTING MUNICIPAL WATERMAIN TO BE COMPLETED BY CITY OF OTTAWA FORCES, AND NEW WATER VALVE INSTALLED AT PROPERTY LINE. EXCAVATION, BACKFILL AND RE-INSTATEMENT BY CONTRACTOR.

03

REMOVE AND DISCARD EXISTING WATERMAIN.

04

INVERTS TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION.

05

INSTALL 3.0m LONG 100mm Ø PERFORATED SUBDRAIN WRAPPED IN GEOTEXTILE SOCK EXTENDING FROM CB/CBMH AT PAVEMENT SUBGRADE LEVEL.

06

CONNECT NEW WATER SERVICING TO INTERIOR BUILDING SERVICING. REFER TO MECHANICAL PLANS.

07

SUPPLY AND INSTALL NEW 150mm WATER VALVE AT PROPERTY LINE. VALVEBOX ASSEMBLY AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING W24 AND W50.

**DRAWING NOTES (cont.)**

08

SUPPLY AND INSTALL WATTS RD100A-ADJ ROOF DRAIN CONTROLS TO BE INSTALLED ON 3 ROOF DRAINS. MAXIMUM DISCHARGE 5.0 l/s TOTAL. MAXIMUM ROOF PONDING DEPTH 0.15m. REFER TO MECHANICAL FOR SPECIFIC WEIR SETTINGS. LIMIT OF 5-YEAR PONDING DEPTH: 0.10m AND PONDING VOLUME: 10m³. LIMIT OF 100-YEAR PONDING DEPTH: 0.15m AND PONDING VOLUME: 27m³.

09

SUPPLY AND INSTALL FOUNDATION DRAIN BACKWATER VALVE AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING S14, S14.1 AND S14.2.

10

NOT USED.

11

SUPPLY AND INSTALL NEW TEMPEST MHF PLATE INLET CONTROL DEVICE OR APPROVED EQUIVALENT FLOW REGULATOR AT CATCHBASIN MANHOLE. CBMH-2 OUTLET. MAXIMUM DISCHARGE 15 l/s AT 2.53m HEAD.

12

SUPPLY AND INSTALL SAMPLING CHAMBER OVER EXISTING SANITARY SEWER IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING S14.1 AND S18.1. LOCATION OF SANITARY SEWER TO BE CONFIRMED PRIOR TO CONSTRUCTION.

13

INSTALL NEW STORM MANHOLE OVER EXISTING 300mm Ø MUNICIPAL STORM SEWER. CONNECT NEW 250mm Ø STORM SEWER AND EXISTING 300mm Ø STORM SEWER TO STORM MANHOLE. PROVIDE WATERTIGHT CONNECTION. PROVIDE TEMPORARY FLOW MEASURES.

14

APPROXIMATE LOCATION OF EXISTING 150mm Ø COMBINED SEWER.

15

INSTALL NEW SANITARY MANHOLE OVER EXISTING 225mm Ø MUNICIPAL SANITARY SEWER. CONNECT NEW 200mm Ø SANITARY SEWER AND EXISTING 225mm Ø SANITARY SEWER TO SANITARY MANHOLE. PROVIDE WATER TIGHT CONNECTION. PROVIDE TEMPORARY FLOW MEASURES.

16

NOT USED.

**DRAWING NOTES (cont.)**

17

CONNECT PROPOSED ADDITION 150mm Ø WEEPING TILE WITH REDUCER TO PROPOSED 250mm Ø PVC STORM SEWER APPROXIMATELY 1.0m FROM BUILDING.

18

WATERMAIN TO BE MINIMUM 2.0m CLEARANCE BETWEEN TREES AND UTILITY PLANT IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING R20.

19

PROVIDE ONE LAYER OF 25mm HIGH LOAD RIGID INSULATION PLACED WITHIN SUBGRADE. INSULATION SHALL BE 2.0m WIDE ABOVE PIPE WHERE INDICATED.

20

RELOCATION OF OVERHEAD WIRES TO BE COORDINATED BY OTHERS.

21

CONNECT SERVICES TO INTERIOR PLUMBING 1.0m FROM BUILDING FOUNDATION. REFER TO MECHANICAL AND ARCHITECTURAL PLANS.

22

NEW PERIMETER FOUNDATION DRAINAGE (REFER TO ARCHITECTURAL DRAWING A100) TO BE CONNECTED TO THE NEW 250mm Ø STORM SEWER.

DOUGLAS JAMES, MCIP, RPP

MANAGER, DEVELOPMENT REVIEW - CENTRAL PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED

By Jamesdo at 2:43 pm, Sep 13, 2019

**GENERAL NOTES**

1. DESIGN AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH MOST RECENT ONTARIO BUILDING CODE.

2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS WITH RESPECT TO SITE CONDITIONS AND ALL MATERIALS TO THE PROJECT. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.

3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT.

4. ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE CONTRACT DOCUMENTS.

5. CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL REGULATIONS SET BY AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

6. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, INSPECTIONS, PERMITS, AND APPROVALS, INCLUDING ALL ASSOCIATED COSTS. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND BASED ON BEST AVAILABLE INFORMATION.

7. TOPOGRAPHIC INFORMATION BASED ON FILE NUMBER 498-18 OF A SURVEY BY FARLEY, SMITH & DENIS SURVEYING Ltd., ON NOVEMBER 5, 2018.

8. CURRENT CITY OF OTTAWA STANDARD DETAILS REFERRED TO IN THIS CONTRACT, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND STANDARD SPECIFICATIONS (OPSS) SHALL APPLY TO THIS CONTRACT.

OTTAWA-CARLETON DISTRICT SCHOOL BOARD

Kencora Street

Elmdale Public School

Clarendon Avenue

Iona Street

Jp2g Consultants Inc.

ENGINEERS - PLANNERS - PROJECT MANAGERS

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PHONE: (613) 828-7800 FAX: (613) 828-2600  
Ref: 18-1065A

|    |                                 |            |
|----|---------------------------------|------------|
| 11 | ISSUED FOR SITE PLAN CONTROL R5 | 2019-08-15 |
| 10 | ISSUED FOR SITE PLAN CONTROL R4 | 2019-08-07 |
| 9  | ISSUED FOR SITE PLAN CONTROL R3 | 2019-06-18 |
| 8  | ISSUED FOR TENDER               | 2019-05-01 |
| 7  | ISSUED FOR SITE PLAN CONTROL R2 | 2019-04-23 |
| 6  | ISSUED FOR 99%                  | 2019-03-21 |
| 5  | ISSUED FOR SITE PLAN CONTROL R1 | 2019-03-11 |
| 4  | ISSUED FOR BUILDING PERMIT      | 2019-03-01 |
| 3  | ISSUED FOR 66%                  | 2019-02-04 |
| 2  | ISSUED FOR 33%                  | 2019-01-18 |
| 1  | ISSUED FOR SITE PLAN CONTROL    | 2018-12-17 |

EDWARD J. CUHACI & ASSOCIATES ARCHITECTS INC.

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project

ELMDALE PUBLIC SCHOOL ADDITION

49 IONA STREET, OTTAWA, ONTARIO

seal

REGISTERED PROFESSIONAL ENGINEER

EDUEN NGUYEN

100053149

August 15, 2019

PROVINCE OF ONTARIO

drawing title

SITE SERVICING PLAN

scale

As shown

date

30.10.18

project number

drawn by

RW

checked by

SM

drawing number

C1

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.

revision

10

#17845

Folder: J:\11-MULTIDISCIPLINE\2018\18-1065A - CUHACI - ELMDALE PS - ADDITION AND RENOVATION\05 DRAWINGS\1 ONGOING | Drawing: C1&C2 site servicing and grading plan Elmdale 2019-08-14.dwg | Layout: C1 site servicing | Print date: 5:17 PM August 14, 2019