

I.D.	DESCRIPTION	ELEVATIONS (m)	
		FINISHED GRADE	T/O WATERMAIN
①	EXISTING WATERMAIN VALVE BOX	93.47	91.00
②	CONNECTION TO EXISTING 200mmØ WATERMAIN STUB & 45° BEND	93.47	91.00
③	45° BEND	93.49	91.09
④	45° BEND	93.48	93.08
⑤	45° BEND	93.53	91.13
⑥	CONNECTION AT BUILDING FOUNDATION	93.60	91.20
⑦	TEE CONNECTION TO EXISTING 300mmØ WATERMAIN	~93.20	~90.80
⑧	RELOCATED WATERMAIN VALVE BOX VB-01	~93.18	~90.78
⑨	CONNECTION TO FIRE HYDRANT FH-01	~93.33	~90.93

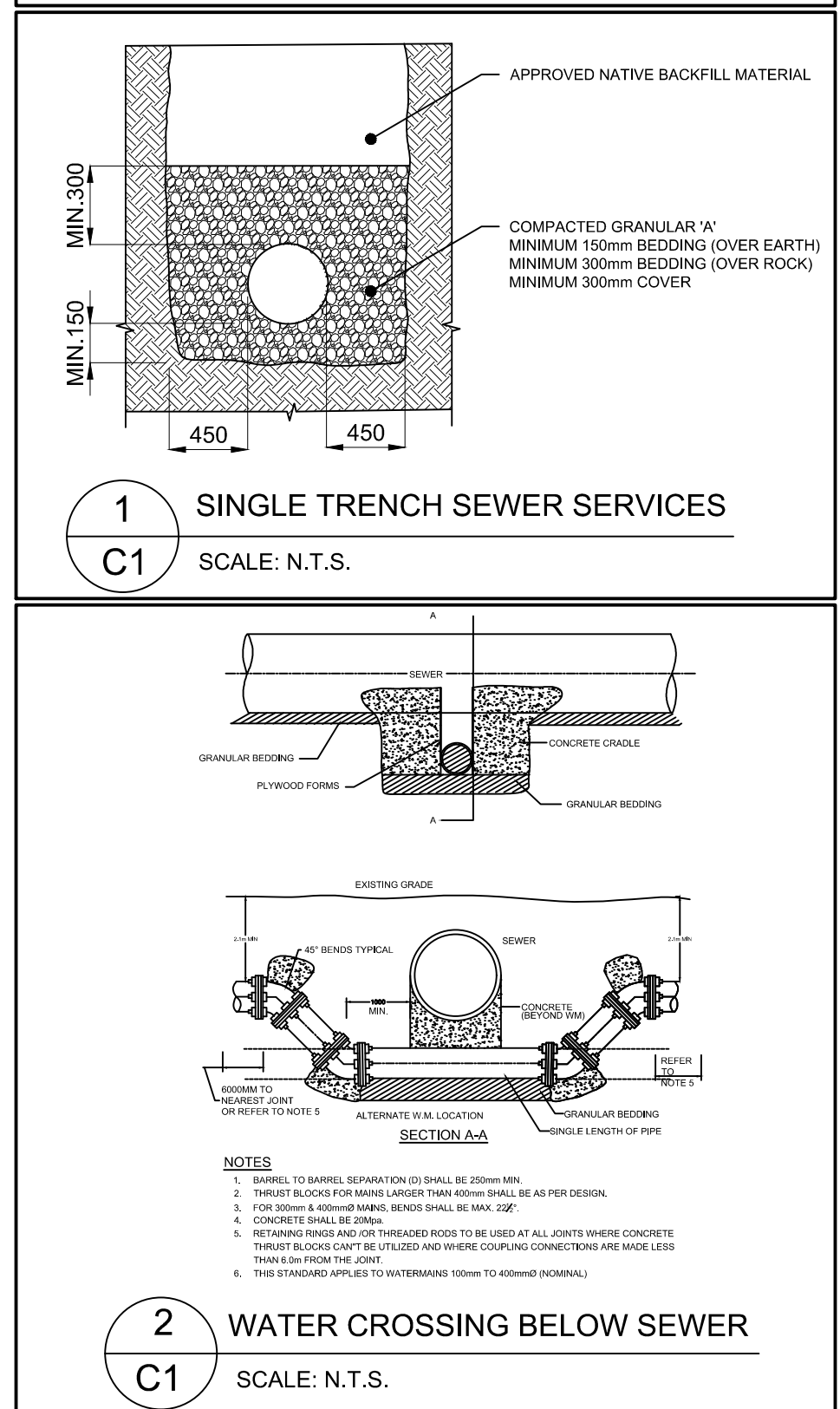
NOTES:


- PROVIDE MINIMUM 2.4m COVER TO FINISHED GRADE OVER WATERMAIN. OTHERWISE PROVIDE THERMAL INSULATION IN ACCORDANCE TO CITY OF OTTAWA STANDARD DETAIL W22.
- WHERE THE PROPOSED WATERMAIN CROSSES SEWER SERVICES REFER TO CITY OF OTTAWA STANDARD DETAILS W25 & W25.2.

DRAWING NOTES

01. INSTALL SILT FENCE IN ACCORDANCE WITH OPSD 219.130.
02. MATCH EXISTING GRADES AT PROPERTY LINE AND LIMITS OF WORK.
03. REMOVE, SALVAGE AND RELOCATE EXISTING FIRE HYDRANT AND VALVE BOX TO PROPOSED LOCATIONS FH-01 AND VB-01. SUPPLY AND INSTALL NEW 150mmØ FIRE HYDRANT LATERAL AS REQUIRED. CONTRACTOR SHALL COORDINATE WITH CITY OF OTTAWA FORCES.
04. SUPPLY AND INSTALL NEW 200mmØ PVC DR18 WATERMAIN SERVICE, MINIMUM 24m COVER, OTHERWISE PROVIDE THERMAL INSULATION IN ACCORDANCE TO CITY OF OTTAWA STANDARD DETAIL W22.
05. CONNECT NEW SERVICE TO EXISTING 200mmØ WATERMAIN SUB. APPROXIMATE TOP OF EXISTING WATERMAIN ELEVATION: 91.00; TO BE CONFIRMED BY CONTRACTOR. CONTRACTOR SHALL COORDINATE WITH CITY OF OTTAWA FORCES.

06. SUPPLY AND INSTALL NEW MUNICIPAL MANHOLE C/W BENCHING OVER EXISTING 200mmØ SANITARY SANITARY SEWER STUB. CONNECT NEW 200mmØ SANITARY SEWER C/W 200mmØ DROP PIPE AS PER OPSD 1003.010 REFER TO MANHOLE AND ROTO L RASIN SCHEDULE FOR DROP PIPE INVERTS. PROVIDE WATERTIGHT CONNECTION, APPROXIMATE INVERT ELEVATION OF EXISTING SEWER STUB: 87.46; TO BE CONFIRMED BY CONTRACTOR.
07. REMOVE AND DISCARD EXISTING DITCH INLET AND ASSOCIATED STORM SEWER CAPPING PIPE AT THE PROPERTY LINE.
08. SUPPLY AND INSTALL NEW 150mmØ SUB-DRAIN WRAPPED IN GEOTEXTILE SOCK. PROVIDE WATERTIGHT CONNECTION TO ASSOCIATED STORM SEWER STRUCTURE.
09. SUPPLY AND INSTALL NEW 3.0m LONG 100mmØ PERFORATED SUB-DRAIN WRAPPED IN GEOTEXTILE SOCK. EXTEND FROM ASSOCIATED STORM SEWER STRUCTURE AT PAVEMENT SUB-GRADE LEVEL AND PROVIDE WATERTIGHT CONNECTION.
10. SUPPLY AND INSTALL NEW STORM MANHOLE OVER EXISTING 600mmØ MUNICIPAL STORM SEWER STUB. CONNECT NEW 525mmØ PVC STORM SEWER AND PROVIDE WATERTIGHT CONNECTION. APPROXIMATE INVERT ELEVATION OF EXISTING SEWER STUB: 89.53; TO BE CONFIRMED BY CONTRACTOR. CONNECTION SHALL BE MADE WITH CORE DRILLING.
11. INSTALL CURB INLET CATCH BASINS. C-1, C-2. CONNECT TO EXISTING MANHOLE CATCH BASIN LEAD. SIZING AND INVERT ELEVATIONS TO BE CONFIRMED BY CONTRACTOR.
12. SUPPLY AND INSTALL NEW FLOW REGULATOR INSIDE STORM SEWER MANHOLE. MH-3T.3 OUTLET. MAXIMUM DISCHARGE 151 l/s. MAXIMUM HEAD 2.24m. PROVIDE TEMPEST MHF INLET CONTROL DEVICE OR APPROVED EQUIVALENT.
13. CONNECT WATER, STORM AND SANITARY SERVICES TO BUILDING INTERIOR 1.0m FROM BUILDING FOUNDATION. STORM AND SANITARY SERVICES TO BE INSTALLED UNDER STORM AND SANITARY SERVICES IN ACCORDANCE TO CITY OF OTTAWA STANDARD DETAILS S14 AND S14.1 OR S14.2. REFER TO MECHANICAL AND ARCHITECTURAL PLANS.






**CONSEIL DES
ÉCOLES CATHOLIQUES
DU CENTRE-EST**

*Le meilleur conseil
qu'on puisse vous donner*

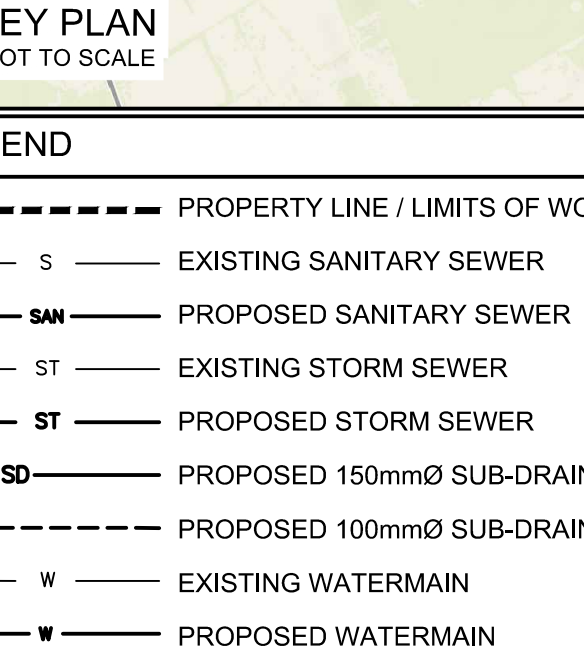
4000 LABELLE STREET, OTTAWA, ON K1J 1A1. PHONE: 1 888 230-5131

REF# 18-1015A



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REF# 18-1015A



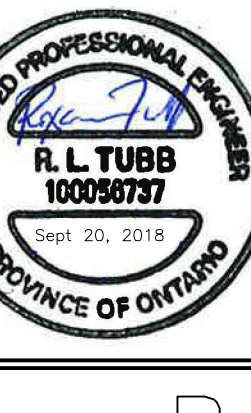
SUBJECT AREA

**KEY PLAN
NOT TO SCALE**

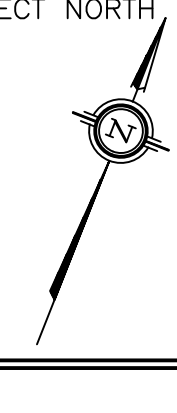
LEGEND

-----	PROPERTY LINE / LIMITS OF WORK
— S —	EXISTING SANITARY SEWER
— SW —	PROPOSED SANITARY SEWER
— ST —	EXISTING STORM SEWER
— ST —	PROPOSED STORM SEWER
— SD —	PROPOSED 150mmØ SUB-DRAIN
-----	PROPOSED 100mmØ SUB-DRAIN
— W —	EXISTING WATERMAIN
— W —	PROPOSED WATERMAIN
— — —	PROPOSED DC LOW-POINT
○	PROPOSED FENCE
— / —	PROPOSED SLOPE LINE
CB	SILT FENCE
CB-01	EXISTING CURB INLET / CATCH BASIN
CB-01	PROPOSED CATCH BASIN
CBMH-01	PROPOSED CATCH BASIN INLET
CBMH-01	PROPOSED CATCH BASIN MANHOLE
MH-ST	EXISTING STORM MANHOLE
MHST-01	PROPOSED STORM MANHOLE
MH-S	EXISTING SANITARY MANHOLE
MHSA-01	PROPOSED SANITARY MANHOLE
FH	EXISTING FIRE HYDRANT
FH-01	PROPOSED FIRE HYDRANT
WV	EXISTING WATER VALVE
VB-01	PROPOSED WATER VALVE
M	PROPOSED REMOTE WATER METER
W	PROPOSED WATER METER
SC	PROPOSED CONCRETE SIDEWALK
PA	PROPOSED PLAYGROUND AREA
TWSI	PROPOSED TWSI
RA	ROOF FLOW ARROW

2	SITE PLAN CONTROL REV. 1	20/09/18
1	SITE PLAN CONTROL	29/06/18
NO.	ISSUE & REVISIONS	DATE



PROJECT NORTH



P & R

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PROJECT

**NOUVELLE ÉCOLE ÉLÉMENTAIRE
À RIVERSIDE-SUD**

925 RALPH HENNESSY AVE. OTTAWA, ON

DRAWING

SITE SERVICING PLAN

Do not scale. Refer any dimensional errors and/or possible trade interference/conflict to the architects for clarification prior to commencement of the work.
The conditions of the contract apply.

PROJECT NO. 18-25	DRAWING NO.
SCALE — 1:300	C1
DRAWN — PH	
CHECKED — RT	
PLOT DATE — 20.09.2018	REVISION NO.