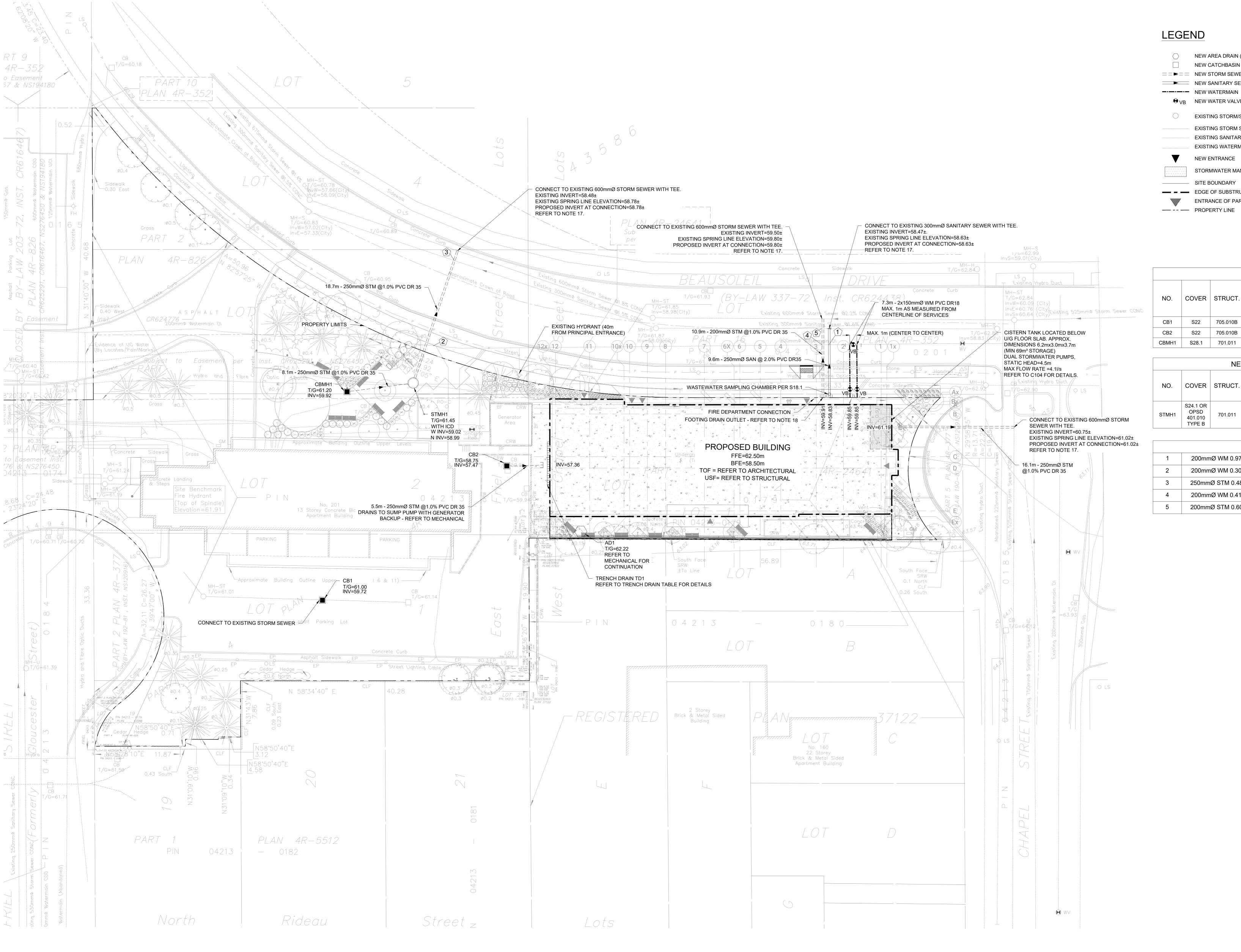


OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET



INDEX							
DWG	DESCRIPTION	REVISION					
C000	COVER	00					
C001	SITE SERVICING PLAN	03					
C002	GRADING PLAN	03					
C003	EROSION AND SEDIMENT CONTROL PLAN	03					
C101	DETAILS (1 OF 4)	03					
C102	DETAILS (2 OF 4)	03					
C103	DETAILS (3 OF 4)	03					
C104	DETAILS (4 OF 4)	03					
C700	REMOVALS PLAN	03					
C701	ROOF DRAIN LAYOUT & PONDING	03					
C800	EXISTING DRAINAGE AREA PLAN	03					
C801	PROPOSED DRAINAGE AREA PLAN	03					



20. ALL WATERMAIN MATERIALS AND CONSTRUCTION METHODS SHALL BE IN

AMENDMENT WITH GASKETED BELL AND SPIGOT COUPLINGS.

WITH CITY OF OTTAWA STANDARD DETAILS W22 & W23.

RESPONSIBILITY OF THE CONTRACTOR.

PER W24.

DETAIL W36.

AND NEW WATERMAINS.

11. ALL STORM SEWERS, SANITARY SEWERS AND CATCH BASINS LEADS SHALL BE

12. REFER TO CITY STD. DETAIL S6 ON DRAWING C102 FOR SEWER INSTALLATION.

ONSTRUCTION IN ACCORDANCE WITH CITY OF OTTAWA SPECIFICATIONS.

15. LEAKAGE TEST (SANITARY SEWER ONLY) AND CCTV INSPECTION SHALL BE

COMPLETED AS PER CITY OF OTTAWA SPECIFICATIONS PRIOR TO THE

16. BACKWATER VALVES TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD

CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. ROAD CUT

REINSTATEMENT AS PER CITY OF OTTAWA STANDARD R10. CONNECTION TO

18. FOOTING DRAINS OUTLET TO THE BUILDING'S SUMP PUMP. THE BUILDING SUMP

14. ALL MAINTENANCE HOLES, CATCHBASINS AND AREA DRAINS SHALL BE

17. CONTRACTOR TO CONFIRM EXACT ELEVATION OF SEWER PRIOR TO

19. REFER TO CITY STD. DETAIL W17 ON DRAWING C102 FOR WATERMAIN

PUMP IS CONNECTED TO THE BACKUP GENERATOR.

13. CONTRACTOR SHALL MAINTAIN EXISTING SEWER FLOWS DURING

PVC DR 35 UNLESS OTHERWISE SPECIFIED.

ADJUSTED TO POST-CONSTRUCTION GRADE.

INSTALLATION OF BASE COURSE ASPHALT.

S14 & S14.2.

WATERMAINS

SEWERMAIN PER S11.1

ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF OTTAWA STANDARD

SPECIFICATIONS AND STANDARD DRAWINGS. PVC PIPE TO BE CLASS 150 DR18

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A WATER PERMIT

WATERMAIN, DISINFECTION) BE CARRIED OUT ONLY BY CITY FORCES.

TO LATEST EDITION OF A.W.W.A. SPECIFICATION C900 AND CSA B137.3 LATEST

AS REQUIRED FROM THE CITY OF OTTAWA, AND COMPLYING WITH ALL CITY OF

OTTAWA REQUIREMENTS. THE CITY MAY REQUIRE THAT CERTAIN ACTIVITIES

22. ALL VALVES 300mm DIAMETER AND SMALLER SHALL INCLUDE A VALVE BOX AS

23. THE NEW WATERMAIN IS TO BE INSTALLED WITH A MINIMUM OF 2.4m COVER.

24. THRUST RESTRAINT SHALL BE PROVIDED BY BOTH RESTRAINING/RETAINING

W25.5 AND W25.6. ALL TEMPORARY THRUST RESTRAINTS ARE THE

25. TRACER WIRE SHALL BE PROVIDED FOR ALL NEW PVC WATERMAINS IN

(E.G. VALVE OPERATION, CONNECTION OF NEW WATER SERVICE TO EXISTING

WHERE 2.4m COVER IS NOT POSSIBLE, PROVIDE INSULATION IN ACCORDANCE

RINGS AND THRUST BLOCKS AT ALL DEAD END CAPS, PLUGS, VALVES, BENDS

AND REDUCERS AS PER CITY OF OTTAWA STANDARD DETAILS W25.3, W25.4,

ACCORDANCE WITH THE SPECIFICATIONS AND CITY OF OTTAWA STANDARD

DETAILS W39, W40, W41, W42 AND W47. CATHODIC PROTECTION OF EXISTING WATERMAINS SHALL ALSO BE PROVIDED AT CONNECTIONS BETWEEN EXISTING

26. CATHODIC PROTECTION SHALL BE PROVIDED FOR ALL NEW WATERMAINS IN ACCORDANCE WITH THE SPECIFICATIONS AND CITY OF OTTAWA STANDARD

GENERAL

1. TOPOGRAPHICAL SURVEY PREPARED BY FARLEY, SMITH & DENIS SURVEYING

4. REFER TO "SITE SERVICING AND STORMWATER MANAGEMENT DESIGN BRIEF"

REPORT PG4129-1) PREPARED BY PATTERSON GROUP FOR SUBSURFACE

6. CONTRACTOR TO VERIFY ALL EXISTING UTILITY ELEVATIONS AT CONNECTION

AND CROSSING LOCATIONS PRIOR TO CONSTRUCTION AND ADVISE THE

(REGARDLESS OF WHETHER WITHIN OR EXTERNAL TO THE SITE) SHALL BE

SIGNS, LIGHTING AND OTHER STREET FURNITURE DISTURBED BY THE WORK.

10. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY SERVICING NEEDED, AND INSTALLATION.

9. THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT TRAFFIC MANAGEMENT

PLANS FOR WORK IN RIGHT OF WAY IN ACCORDANCE WITH OTM BOOK 7.

INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT SHALL REVIEW

CONDITIONS, CONSTRUCTION RECOMMENDATIONS AND GEOTECHNICAL

SITE BENCHMARK: HYDRANT TOP OF SPINDLE ELEV. 61.91

PREPARED BY MORRISON HERSHFIELD.

ENGINEER OF ANY DISCREPANCIES.

2. SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING.

5. REFER TO GEOTECHNICAL INVESTIGATION REPORT (AUG 2017 GEOTECH

EXCAVATIONS PRIOR TO THE PLACEMENT OF GRANULAR MATERIAL.

7. UNLESS DIRECTED OTHERWISE ANY DAMAGED ASPHALT OR CURB

REINSTATED IN ACCORDANCE WITH CITY STD. DET. R10 AND S1.

SHALL ALSO COORDINATE WITH OTHER TRADES AS NECESSARY.

8. UNLESS DIRECTED OTHERWISE THE CONTRACTOR SHALL REINSTATE ALL

LTD. DATED SEPT 13, 2022. MTM ZONE 9, GEODETIC DATUM CGVD-1928 :1978

27. ADJUST ALL VALVE CHAMBERS, VALVE BOXES AND HYDRANTS TO FINISHED

28. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER

ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT

GUARANTEED. BEFORE STARTING WORK THE CONTRACTOR SHALL INFORM

WILL BE RESPONSIBLE FOR SUPPORTING AND PROTECTING ANY EXISTING

UTILITIES, AS REQUIRED, IN ACCORDANCE WITH THE UTILITY OWNERS'

29. ALL CROSSING OF EX. UTILITIES TO BE IN ACCORDANCE WITH CITY STD. DET.

CONSULTANT AND THE OWNER PRIOR TO EXCAVATION.

OF EXCAVATION WORK, AND FORWARD COPIES OF THE LOCATES TO THE

HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES,

AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. THE CONTRACTOR

REQUIREMENTS. CONTRACTOR IS REQUIRED TO OBTAIN LOCATES, IN ADVANCE

NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE

UNDERGROUND ANDOVERGROUND UTILITIES AND STRUCTURES IS NOT

UTILITY NOTE

S10

NEW AREA DRAIN (REFER TO MECHANICAL FOR CONTINUATION)

NEW CATCHBASIN

==**►**== NEW STORM SEWER ■■■ NEW SANITARY SEWER

● VB NEW WATER VALVE AND VALVE BOX (W24)

EXISTING STORM/SANITARY MANHOLE

EXISTING STORM SEWER

EXISTING SANITARY SEWER BY

EXISTING WATERMAIN

NEW ENTRANCE STORMWATER MANAGEMENT CISTERN

SITE BOUNDARY EDGE OF SUBSTRUCTURE

ENTRANCE OF PARKING GARAGE ACCESS RAMP

— -- — PROPERTY LINE

TRENCH DRAIN DATA

STAINLESS STEEL, ACCESSIBLE, HEEL SAFE, LIGHT DUTY (ACC

DIAMETER OF

OUTLET PIPE

250mmØ PVC

250mmØ PVC

NOTE: POLYMER CONCRETE TRENCH DRAIN WITH 2% INTERNAL SLOPE AND MATCHING CATCH BASIN, UNLESS OTHERWISE SPECIFIED.

INLET CONTROL DEVICE DATA TABLE - STMH1

DESIGN FLOW

(L/s)

2.1

3.0

447D/448D OR APPROVED EQUIVALNT)

ELEVATION

ELEVATION

60.17

61.32

T/FRAME LOW/INV DIA (mm)

REQUIRED

4.9

VOLUME

TD CONNECTION

VOLUME

PROVIDED

 (m^3)

TRENCH

DRAIN

WIDTH

HYDROVEX 50VHV-2

HYDROVEX 50VHV-2

NO.

TD1

DESIGN

EVENT

1:5 YR

1:100 YR

	CATCH BASIN DATA											
				ELEVATION			CB CONNECTION					
ò	NO.	COVER	STRUCT.	T/FRAME	LOW/INV	NOTES	DIA (mm)	TYPE	LENGTH (m			
	CB1	S22	705.010B	61.00	59.72		250	PVC DR35	N/A			
	CB2	S22	705.010B	58.78	57.50		250	PVC DR35	5.5			
	CBMH1	S28.1	701.011	61.20	59.92		250	PVC DR35	7.5			

NEW STORM STRUCTURE								
	COVER	STRUCT.	ELEV	ATION	LOCATION			
NO.			T/FRAME	INVERTS	NORTHING	EASTING	NOTES	
STMH1	S24.1 OR OPSD 401.010 TYPE B	701.011	61.45	59.02 (N) 58.99(SW)	5032694.90	368763.08	-	

PIPE CROSSING TABLE						
1	200mmØ WM 0.97m CLEARANCE OVER 250mmØ SAN	WM INV=59.90, STM OBV=58.93				
2	200mmØ WM 0.30m CLEARANCE OVER 250mmØ STM	WM INV=59.50, STM OBV=59.20				
3	250mmØ STM 0.48m CLEARANCE OVER 600mmØ SAN	STM INV=58.78, SAN OBV=58.30				
4	200mmØ WM 0.41m CLEARANCE OVER 200mmØ STM	WM INV=59.48, STM OBV=59.07				
5	200mmØ STM 0.60m CLEARANCE OVER 600mmØ SAN	STM INV=58.88, SAN OBV=58.28				



schmitt

HERSHFIELD

200-2932 BASELINE ROAD, OTTAWA, ON K2H 1B

0 2023 MAR 22 ISSUED FOR SITE PLAN APPROVAL

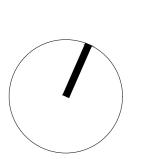
1 2023 MAY 12 ISSUED FOR 100% SCHEMATIC

2 2023 MAY 18 ISSUED FOR REZONING AND SITE

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL -

RESUBMISSION #2

PLAN CONTROL - RESUBMISSION



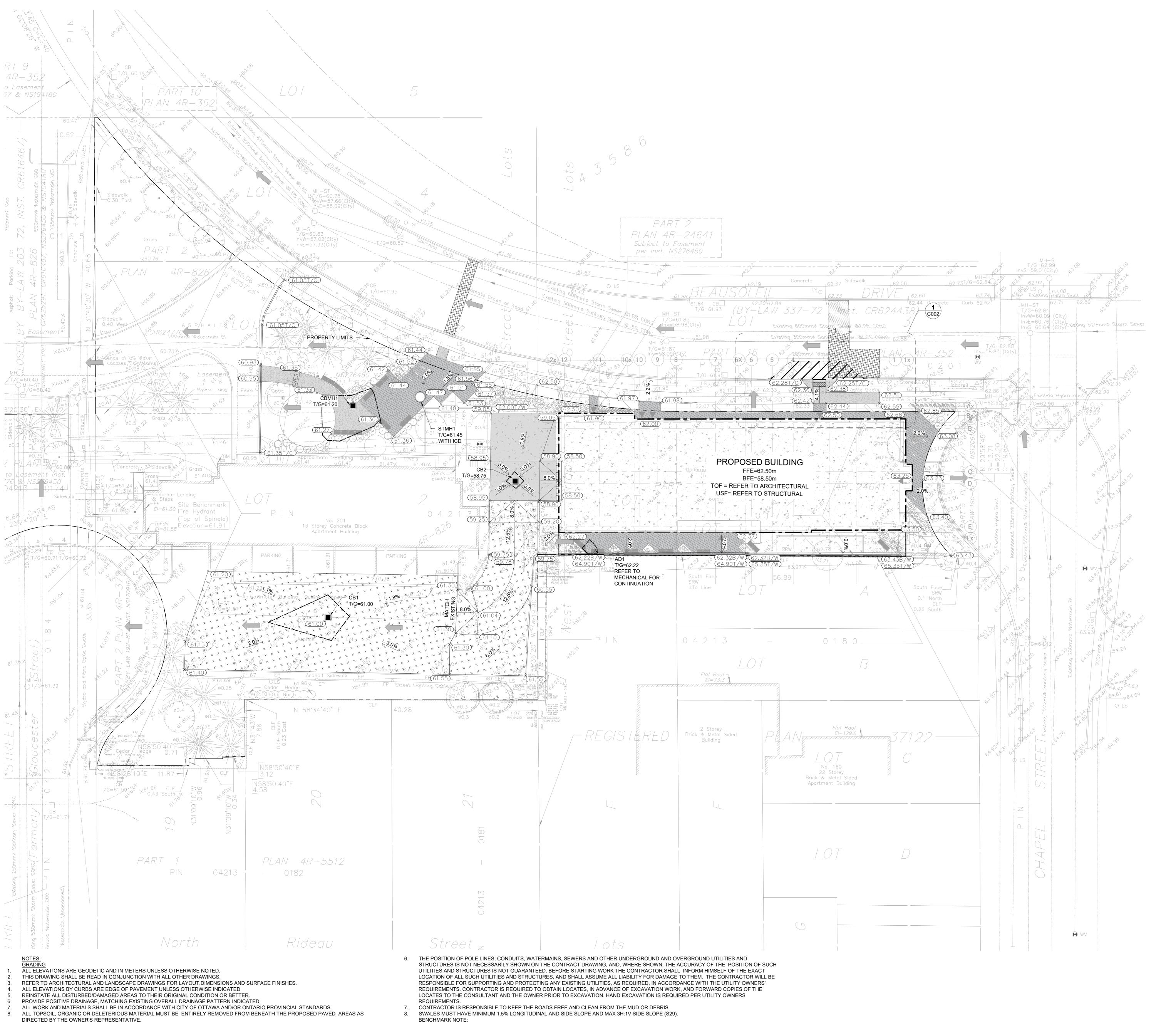
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY

OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET

SITE SERVICING PLAN &

Project No: 220262300

HORIZONTAL



9. TOPOGRAPHICAL SURVEY PREPARED BY FARLEY, SMITH & DENIS SURVEYING LTD. DATED SEPT 13, 2022. MTM ZONE 9, GEODETIC DATUM

SITE BENCHMARK: HYDRANT TOP OF SPINDLE ELEV. 61.91

9. SUBGRADE FOR THE PAVED AREAS SHALL BE PROOF ROLLED WITH A LARGE (10 TONNE MINIMUM) STEEL DRUM ROLLER UNDER DRY

11. BLEND NEW EARTHWORK INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDING AT ALL TOP AND BOTTOM OF SLOPES.

14. SAW CUT AND KEY GRIND ASPHALT AT ALL TIE-INS PER CITY OF OTTAWA STANDARD R10.

CONSULTANT SHALL REVIEW EXCAVATIONS PRIOR TO THE PLACEMENT OF GRANULAR MATERIAL.

15. REINSTATE ANY LINE PAINTING DISTURBED BY THE WORK.

CONDITIONS. ANY SOFT AREAS EXPOSED FROM THE PROOF ROLLING SHOULD BE SUBEXCAVATED TO A DEPTH OF 500mm AND REPLACED

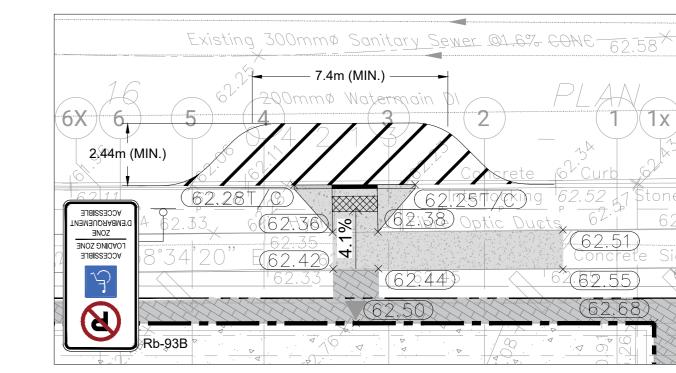
10. ALL AREAS SHALL DRAIN AT A MINIMUM OF 1%. ANY DISCREPANCIES PREVENTING THIS SHALL BE REPORTED TO THE ENGINEER PRIOR TO

13. CONCRETE BARRIER CURBS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DRAWING SC1.1 UNLESS SHOWN OTHERWISE.

5. REFER TO GEOTECHNICAL INVESTIGATION REPORT (AUG 2017 GEOTECH REPORT PG4129-1) PREPARED BY PATTERSON GROUP FOR

12. CONCRETE SIDEWALKS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DRAWING SC1.4 AND SC4 UNLESS SHOWN OTHERWISE.

SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL



PASSENGER LOADING ZONE DETAIL

SCALE - 1:150

LEGEND

NEW AREA DRAIN

PROPOSED MANHOLE

× 65.55 PROPOSED ELEVATION

× 66.75T/C PROPOSED TOP OF CURB ELEVATION × 66.75T/W PROPOSED TOP OF WALL ELEVATION

2.0% PROPOSED SLOPE DIRECTION

MAJOR OVERLAND FLOW PATH PAVERS - REFER TO LANDSCAPE

LIGHT/HEAVY DUTY ASPHALT PAVING

LIGHT DUTY CONCRETE HEAVY DUTY CONCRETE

40mm MILLING & REINSTATEMENT WITH HL3 OR SP12.5 ASPHALTIC CONCRETE

EXISTING ELEVATION

EXISTING MANHOLE CONCRETE CURB AS PER SC 1.1

PONDING ELEVATION (MAX 110mm)

NEW ENTRANCE

ENTRANCE OF PARKING GARAGE ACCESS RAMP — -- — PROPERTY LINE

HORIZONTAL





CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.

ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY

OCH FRIEL STREET / CHAPEL

DO NOT SCALE DRAWINGS.

200/201 FRIEL STREET

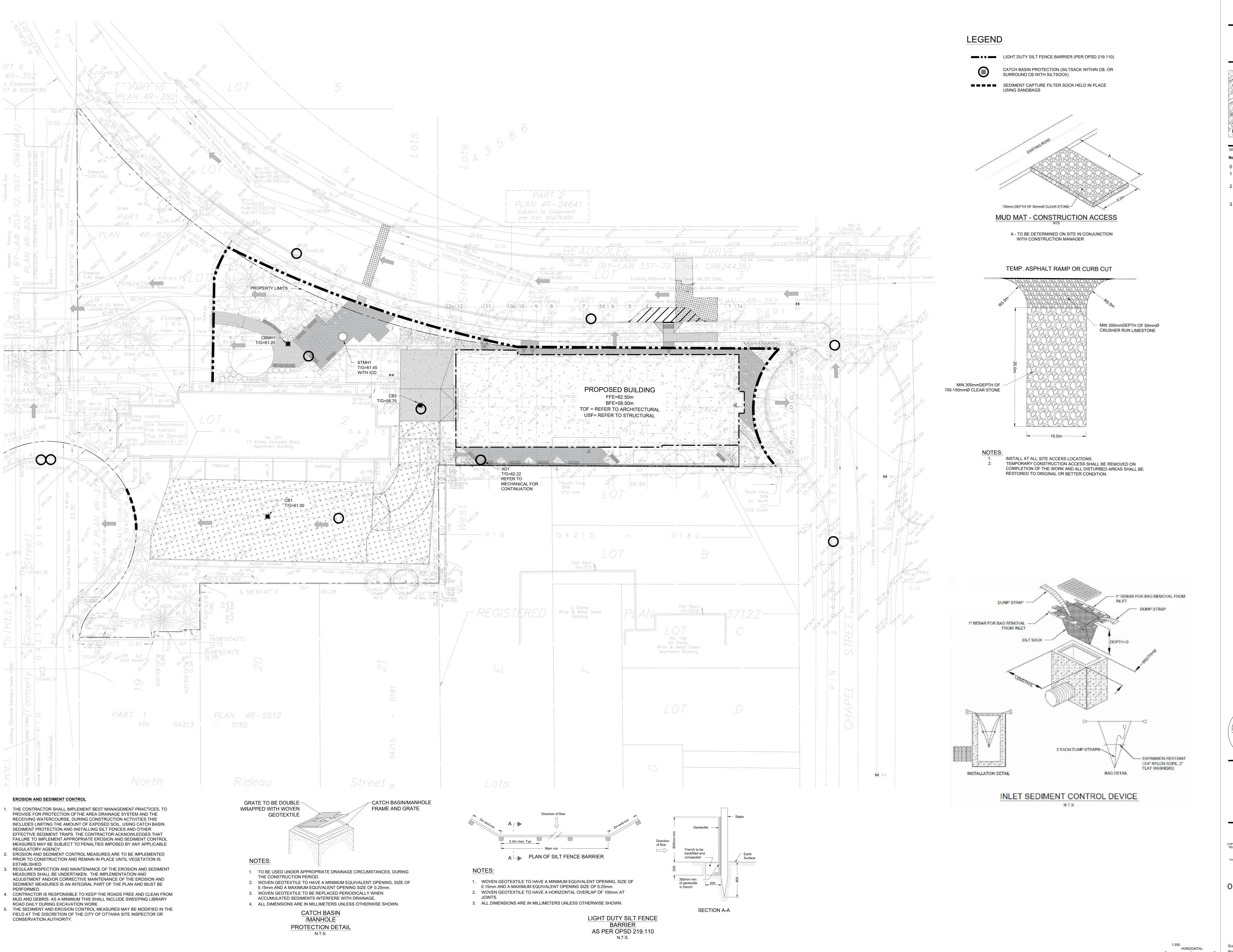
100547111

(July 14, 2023)

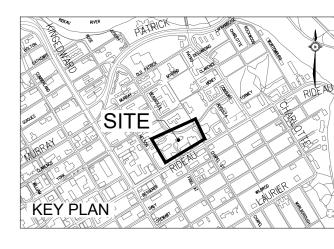
diamond XWC Schmitt XMC

2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL - RESUBMISSION #2



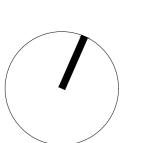




2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL -RESUBMISSION #2



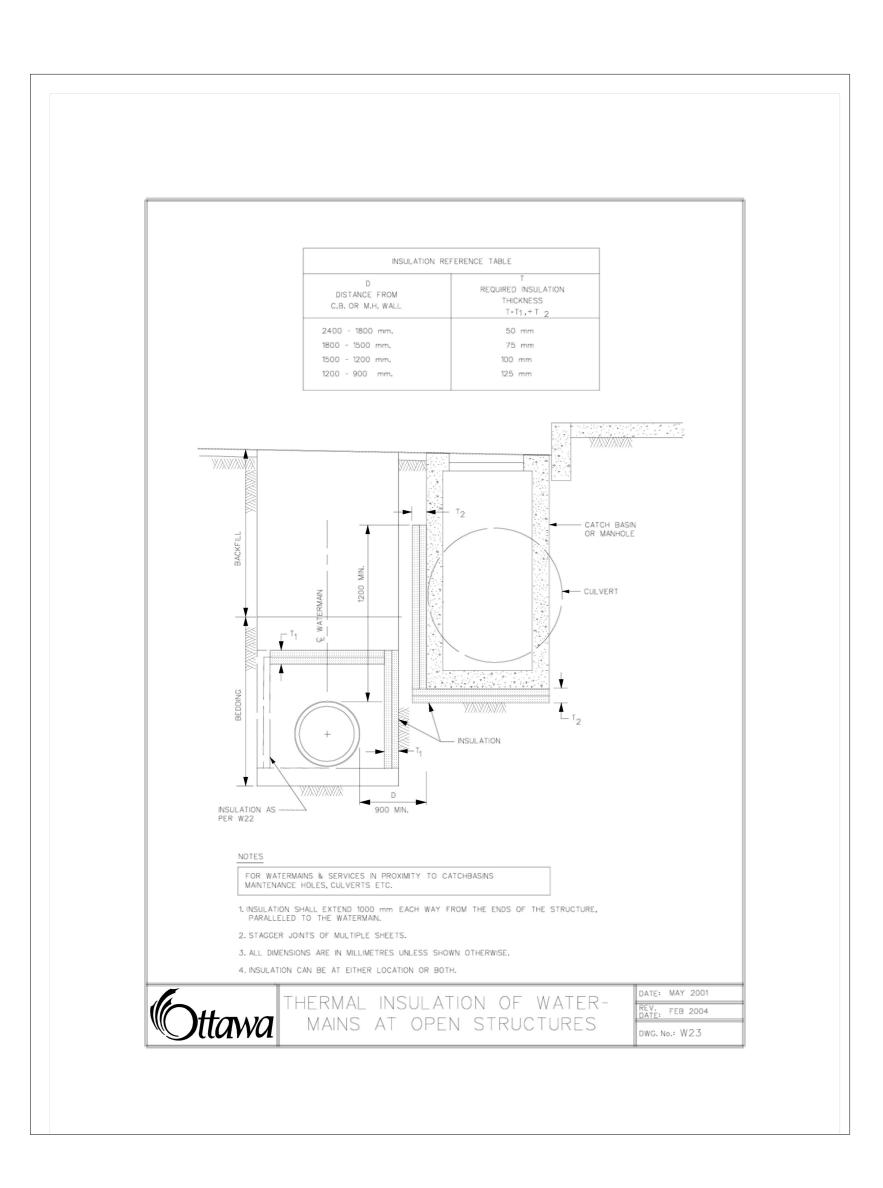


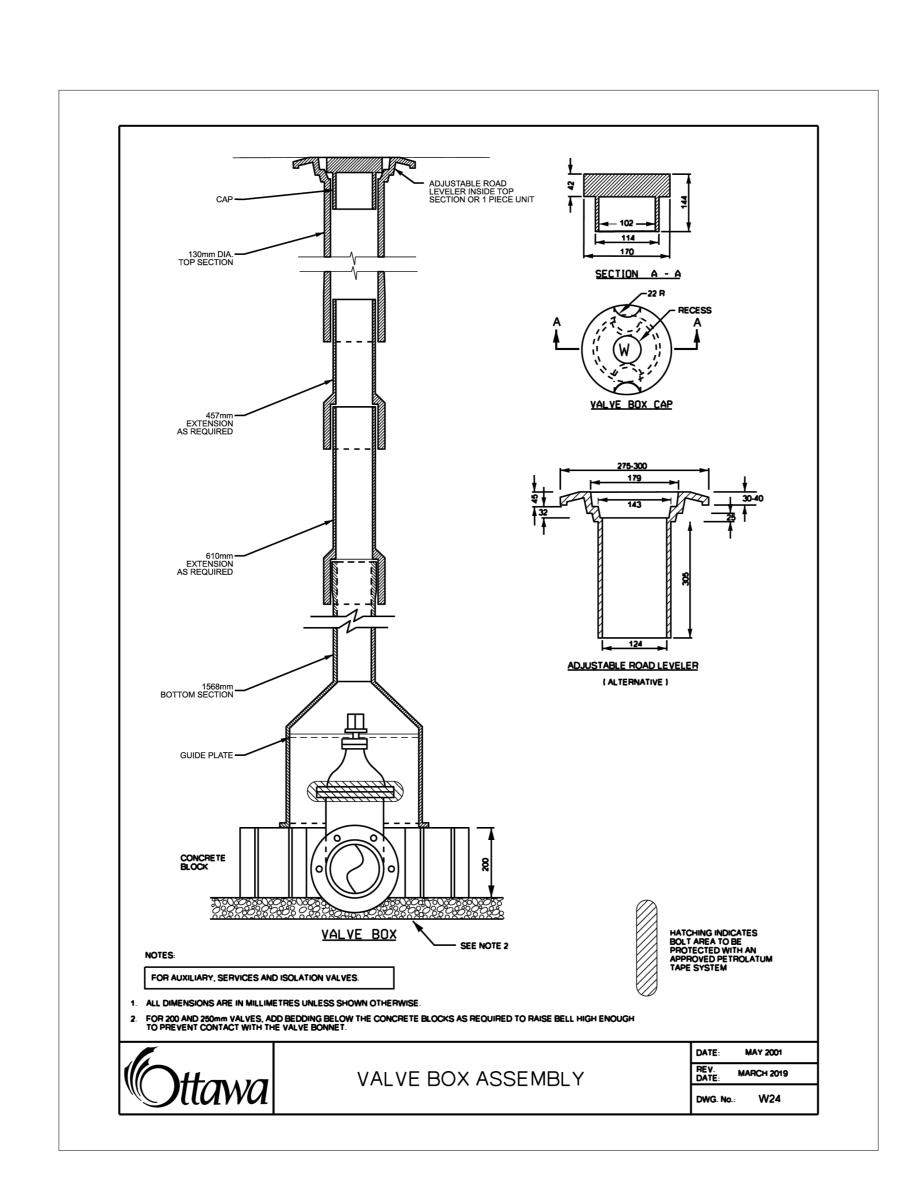
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY

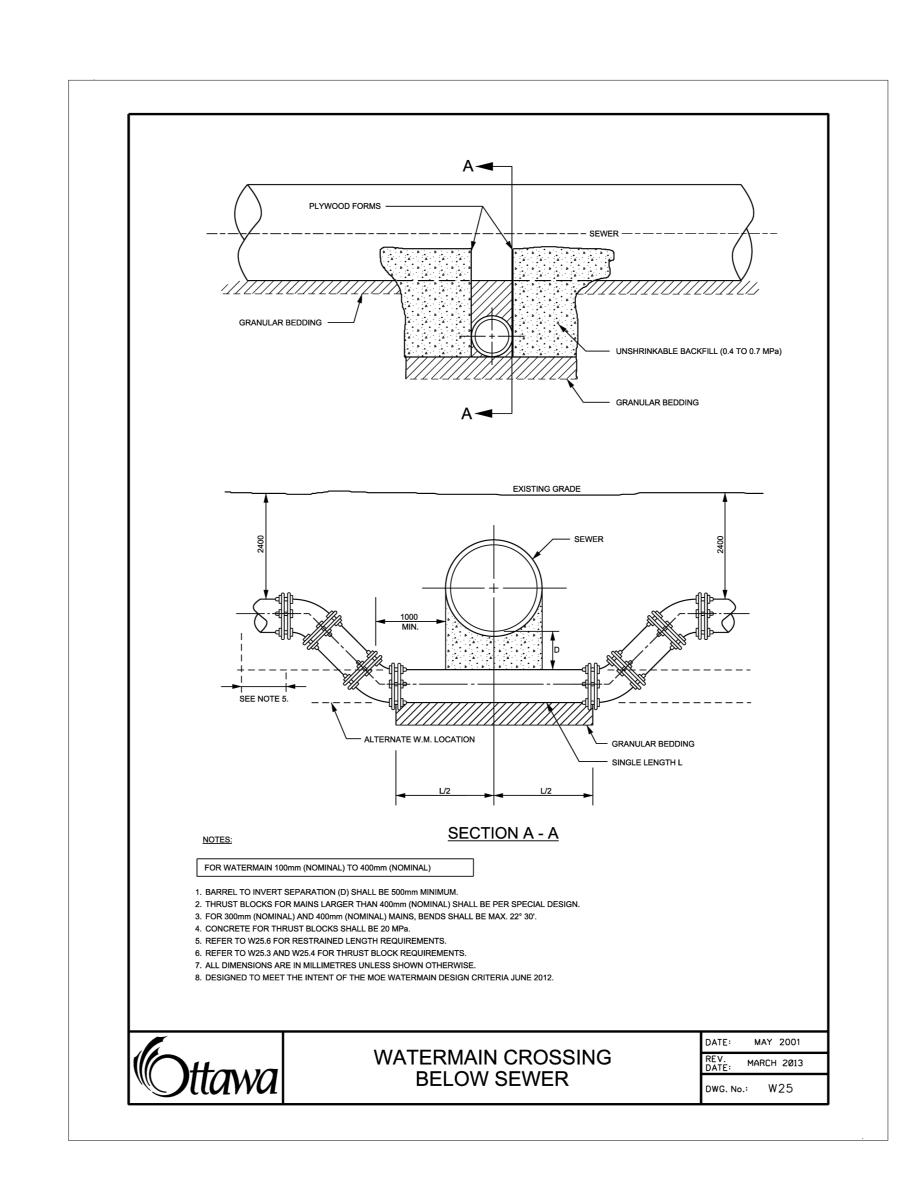
OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET

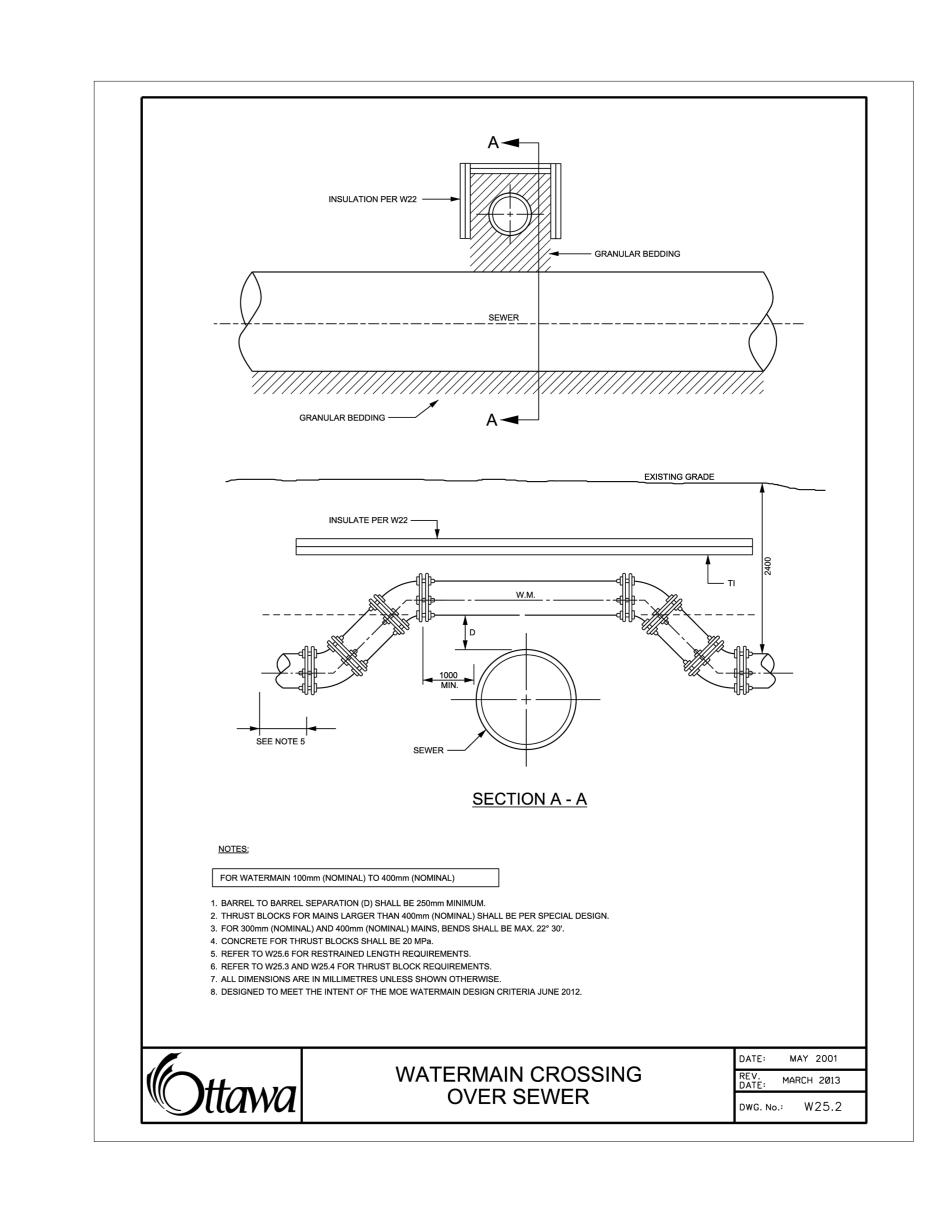
EROSION & SEDIMENT CONTROL Scale: Project No: 220262300

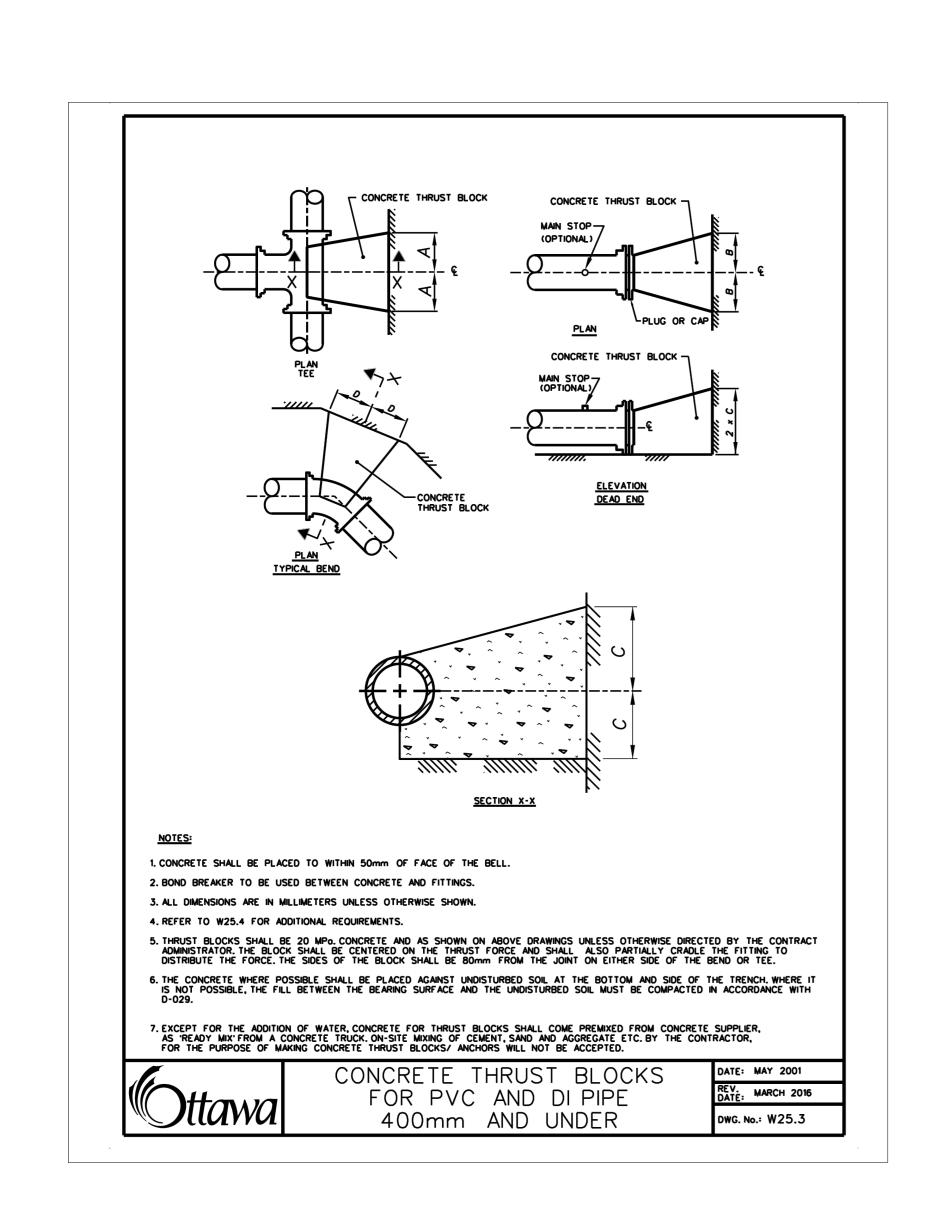
PLAN 🖔

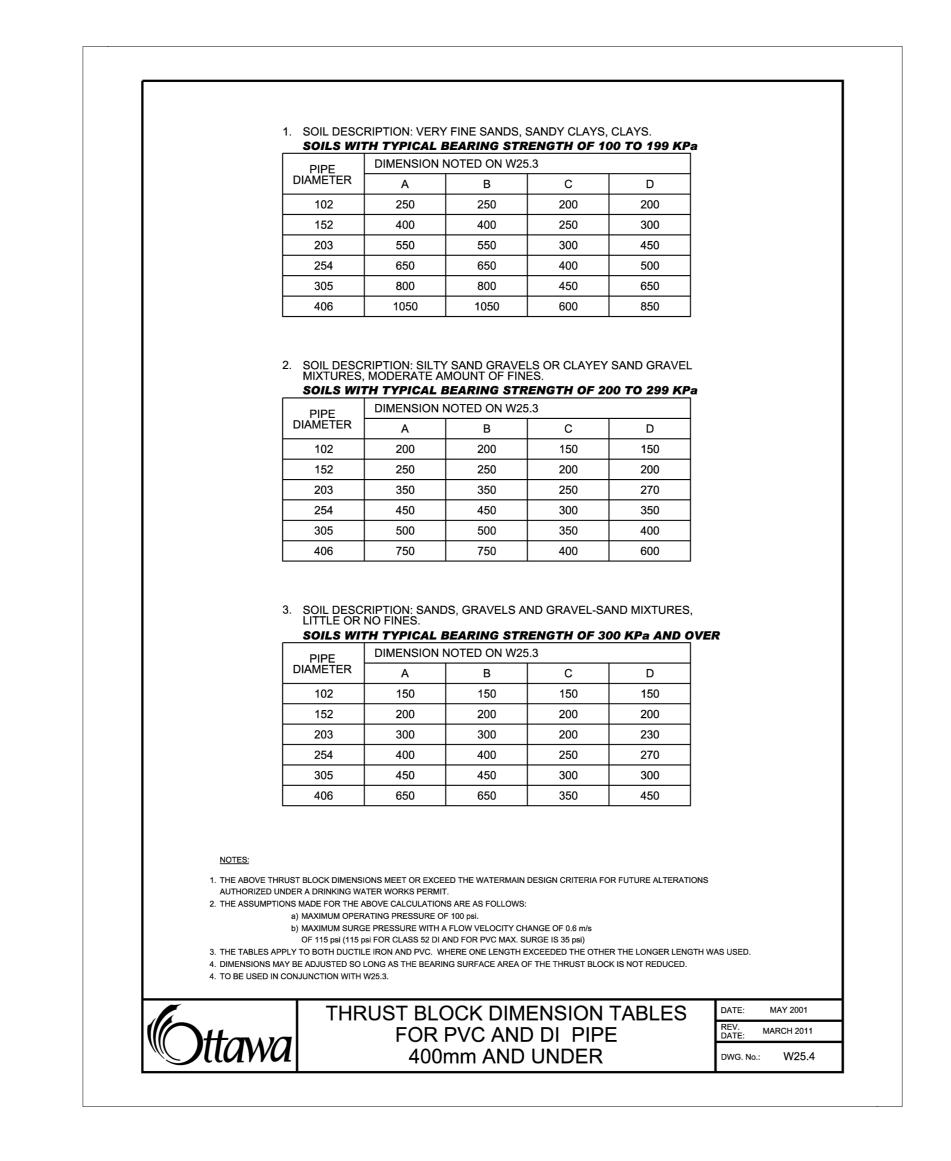


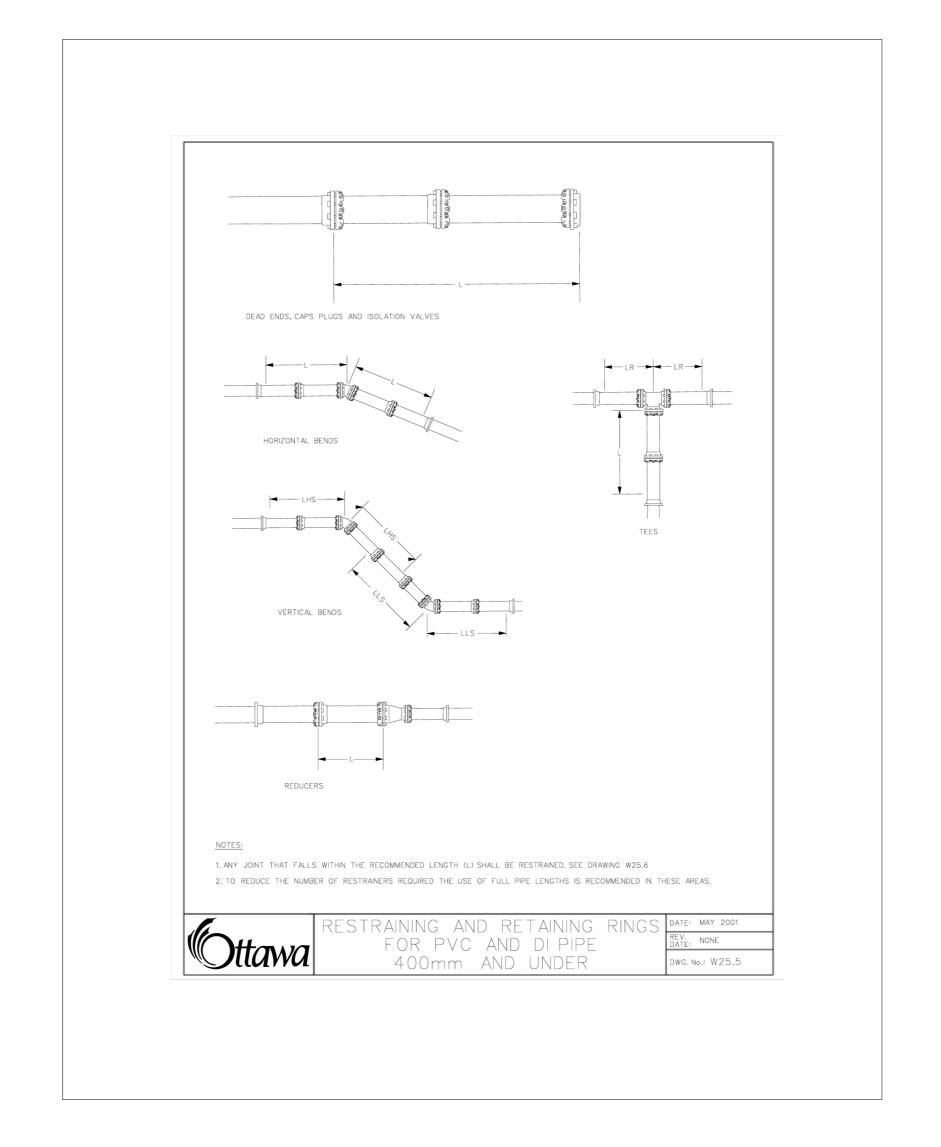


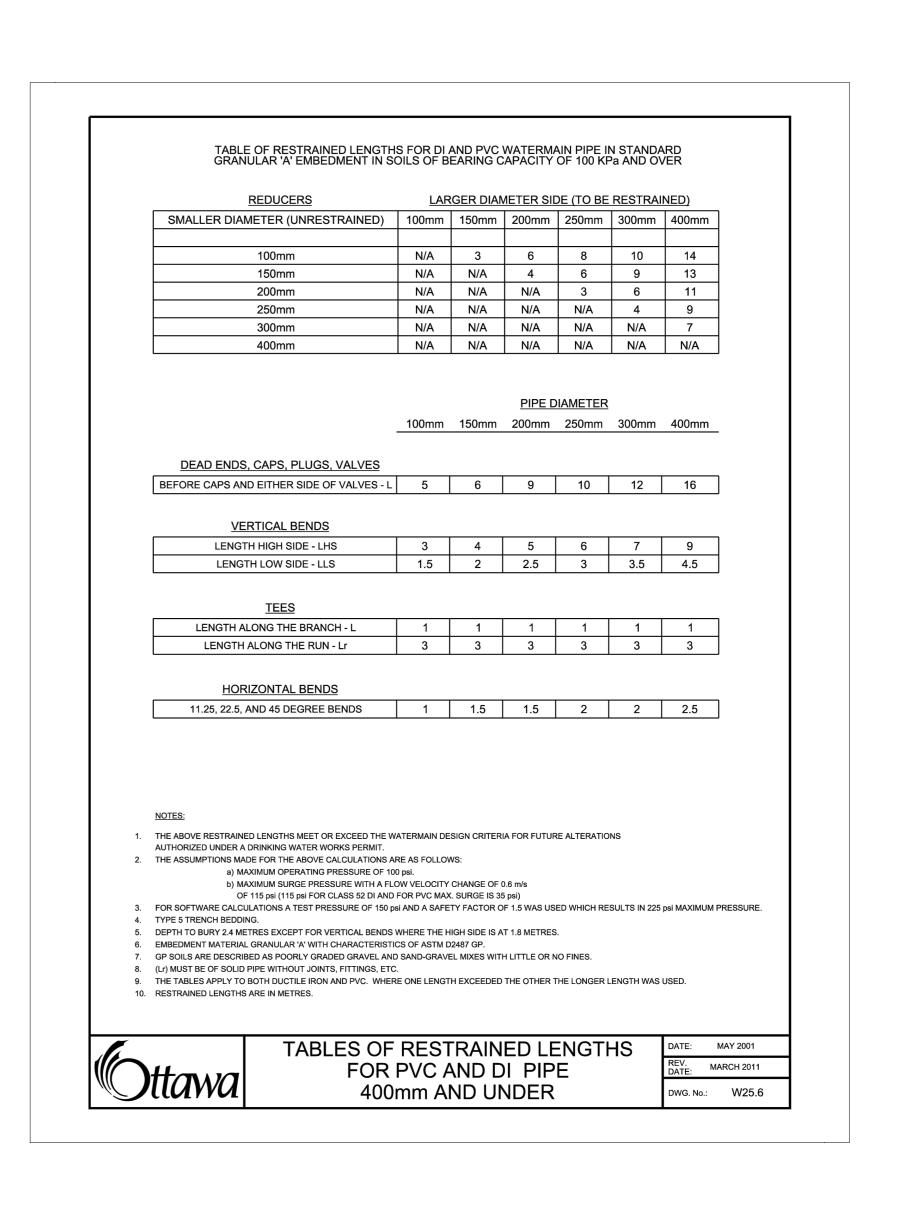




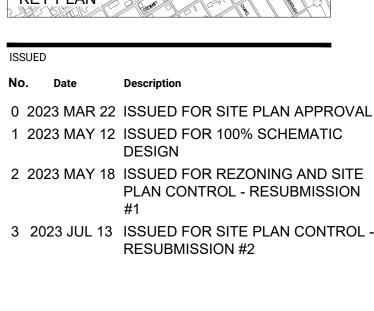


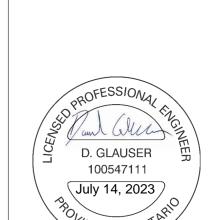


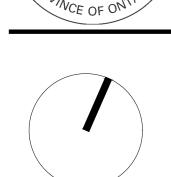












Scale: N/A
Project No: 220262300
Date: 13/07/23

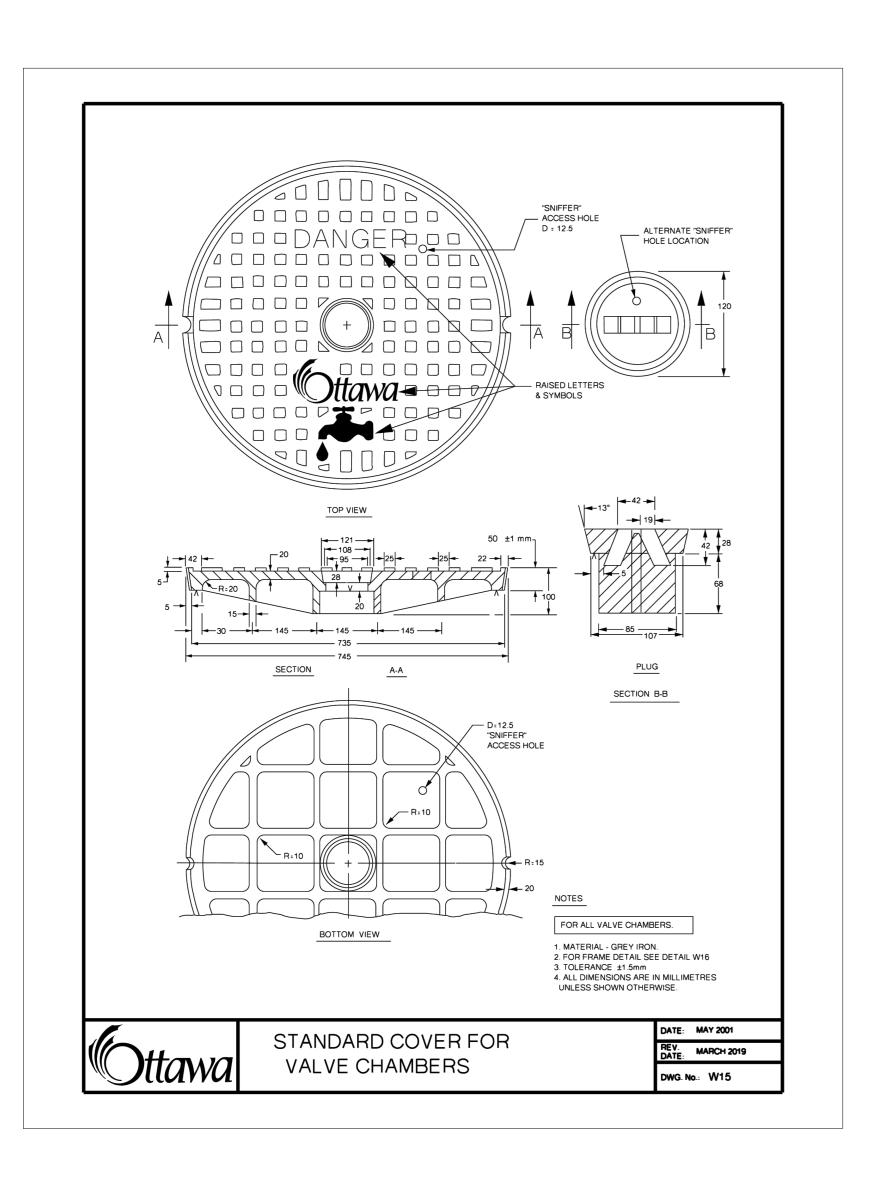
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.

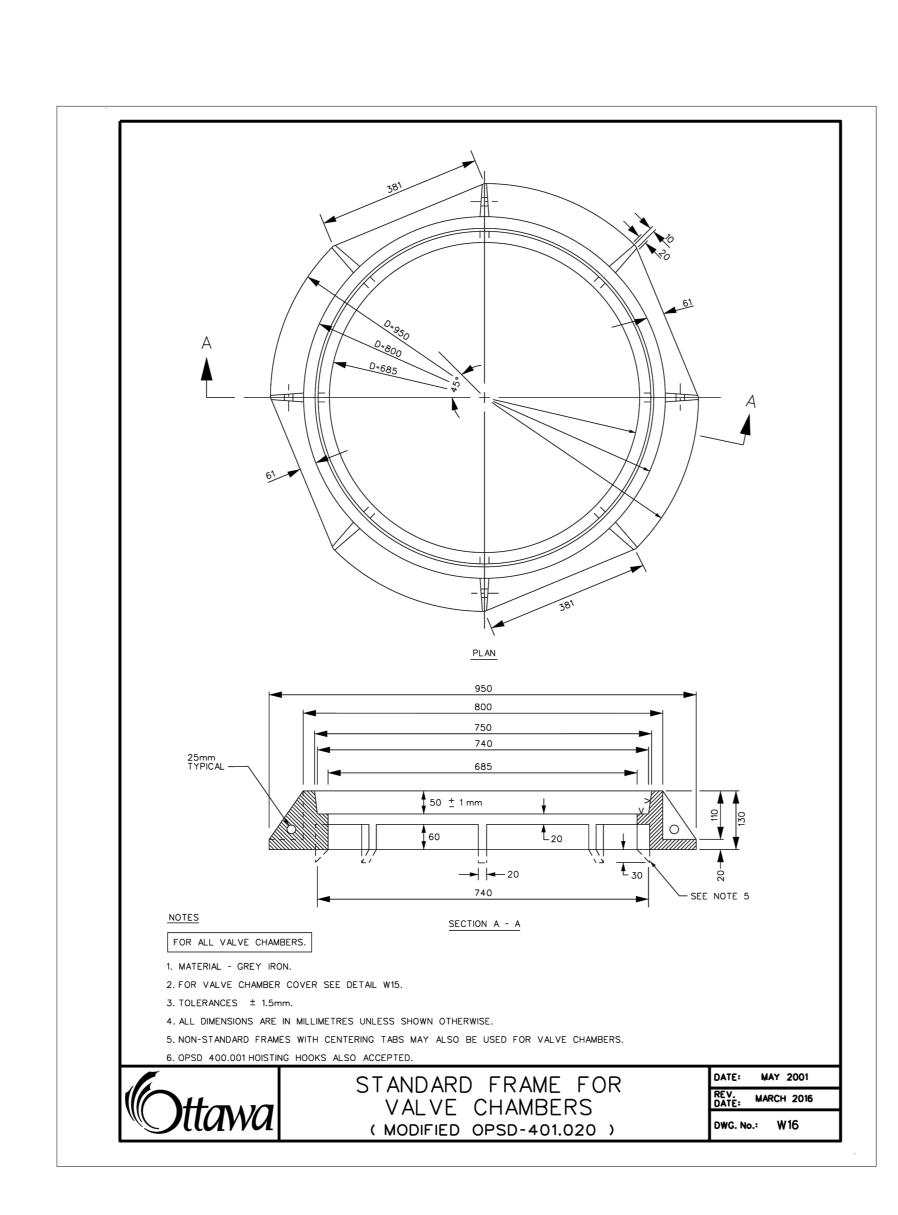
DO NOT SCALE DRAWINGS.

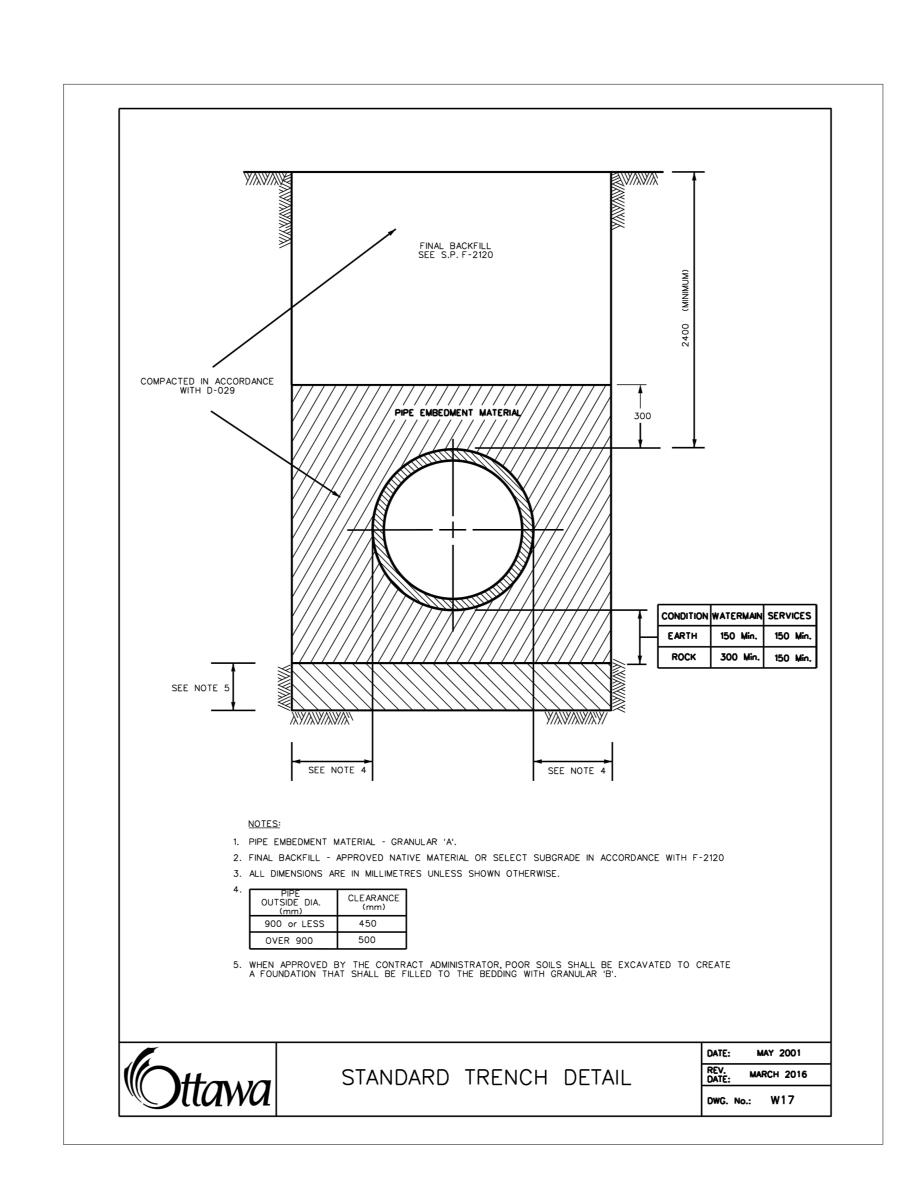
ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT.

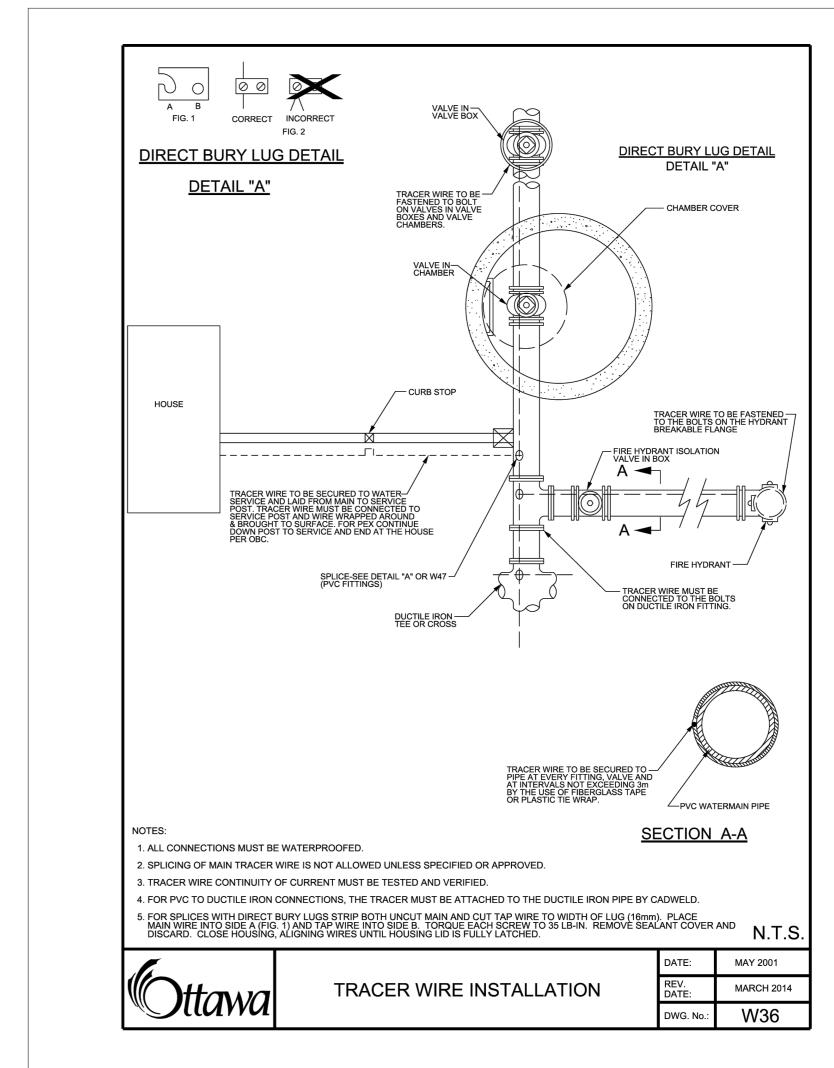
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY

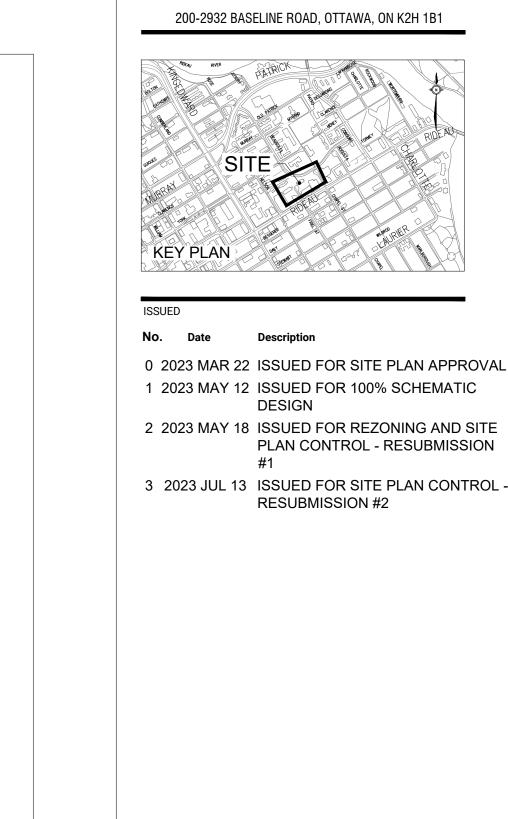
OCH FRIEL STREET / CHAPEL
200/201 FRIEL STREET

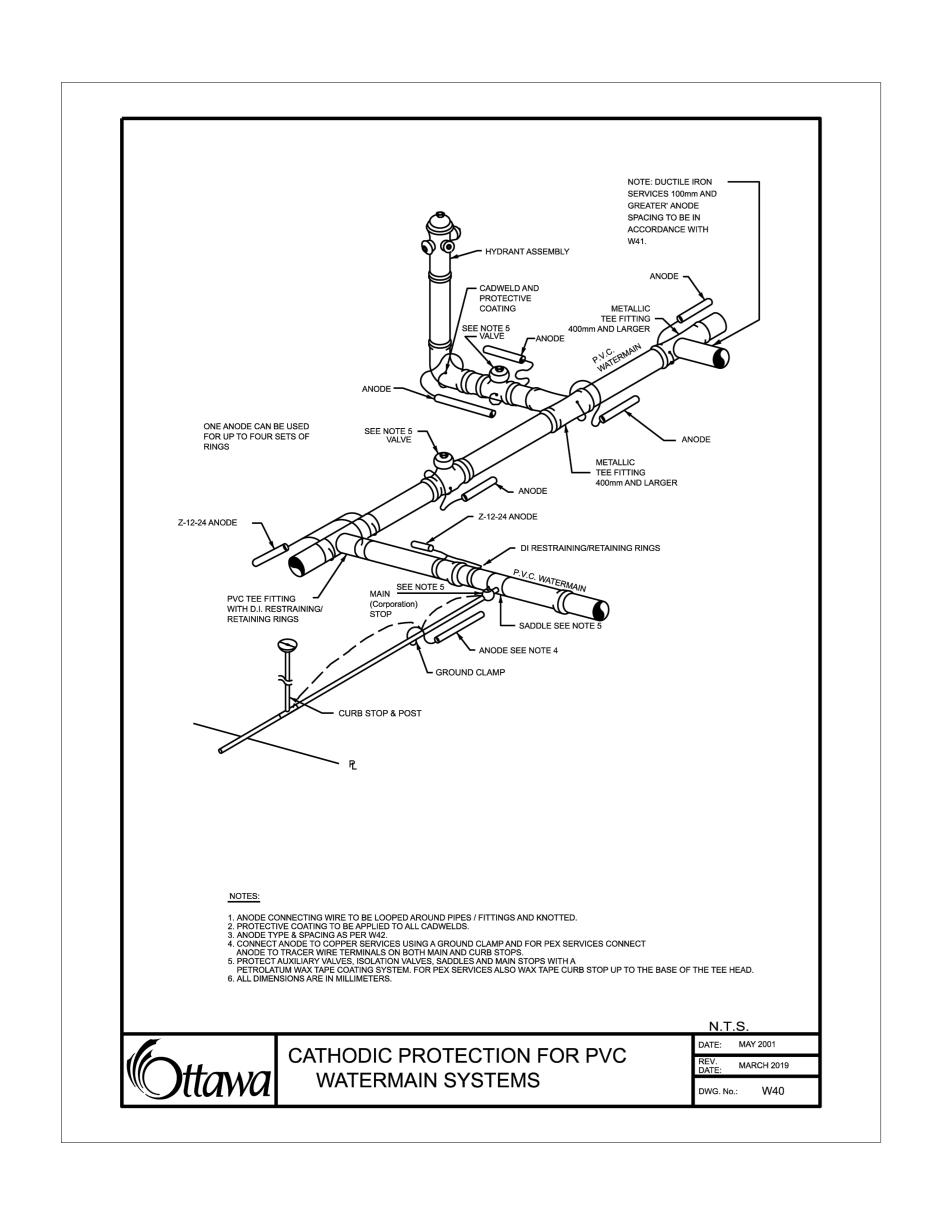


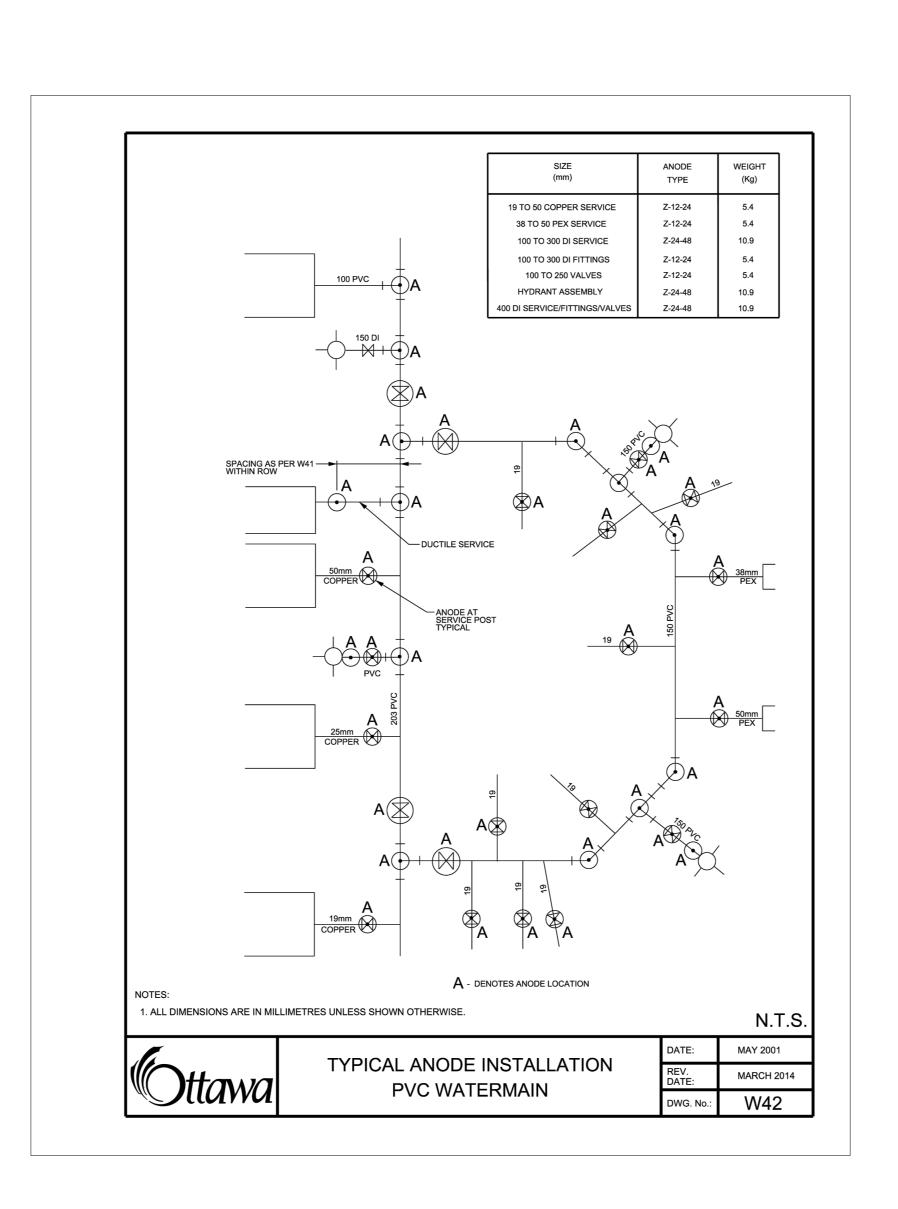


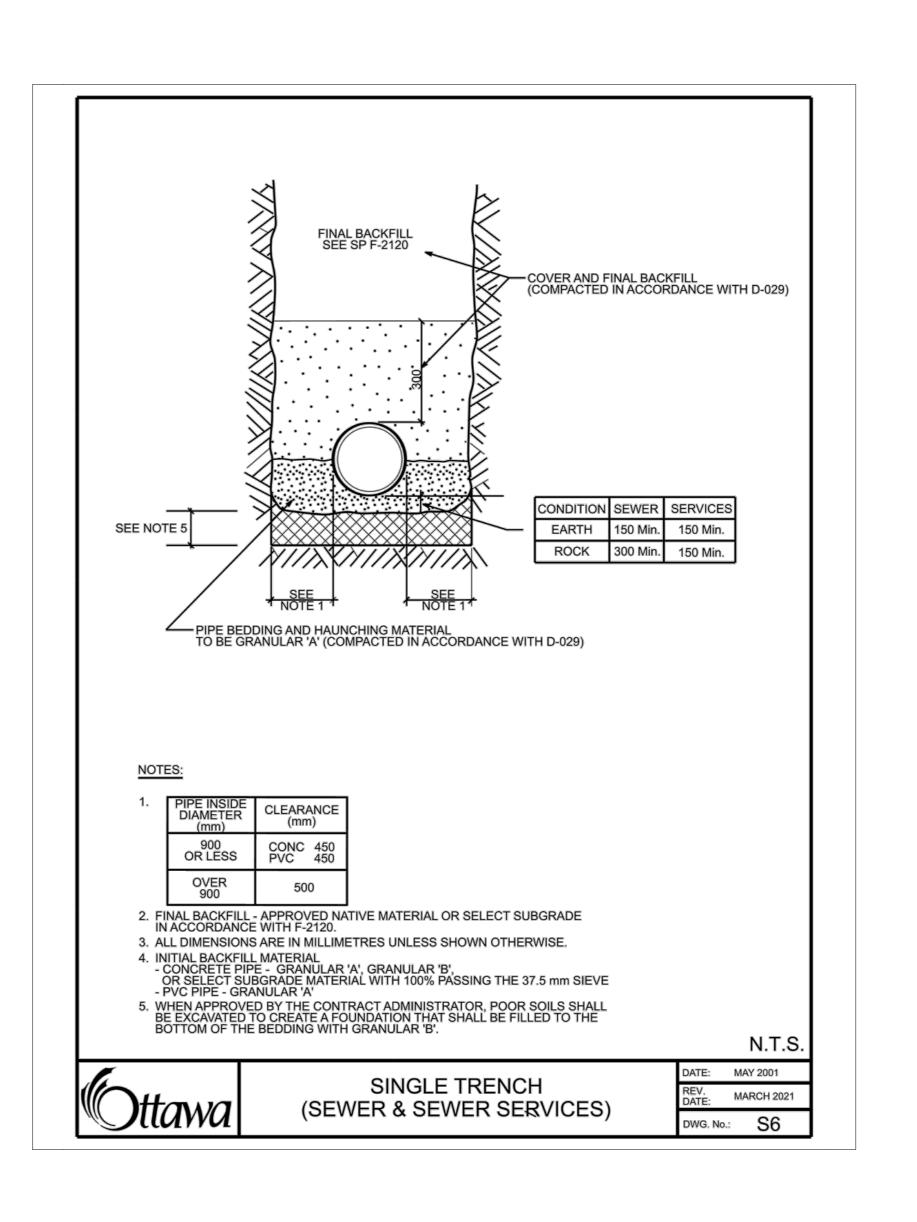


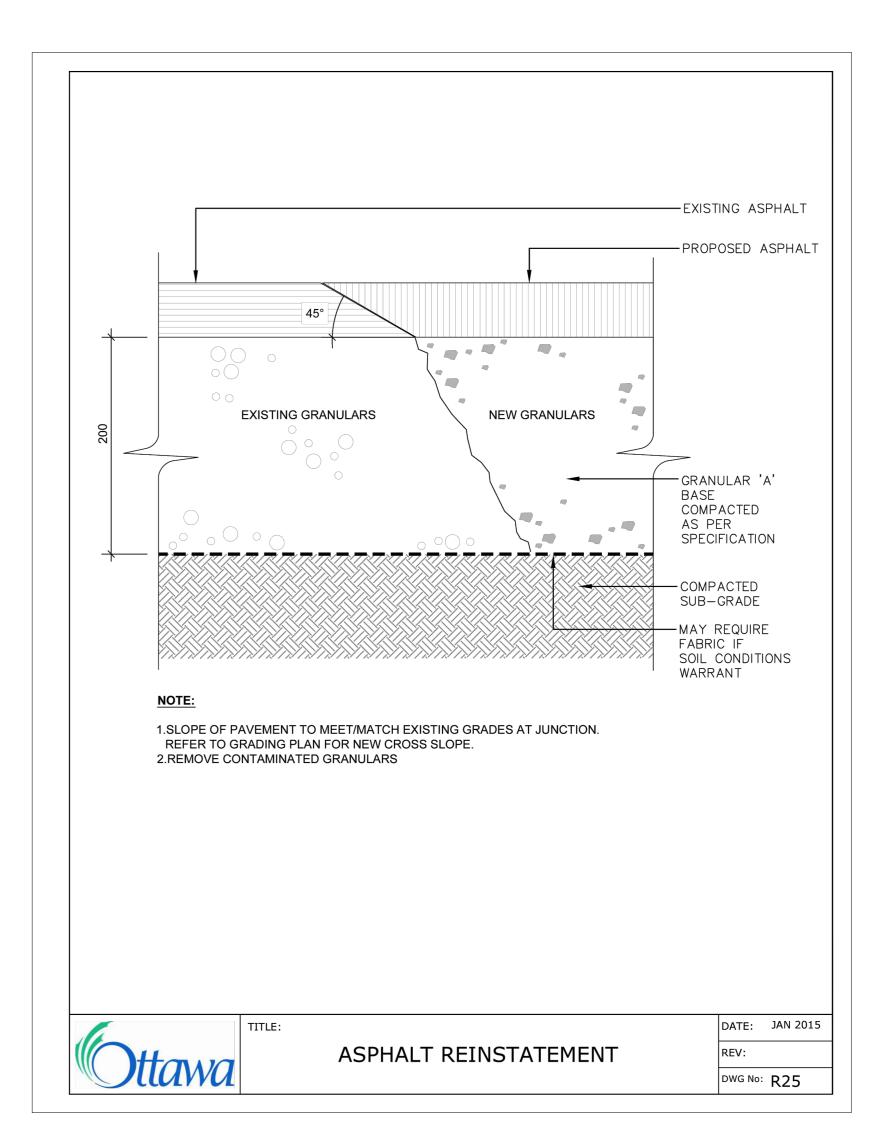


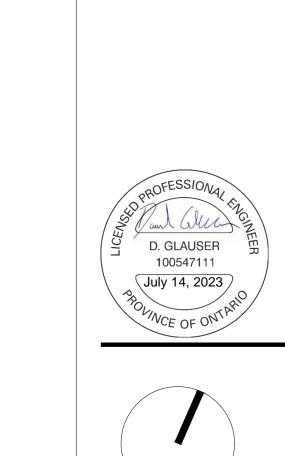


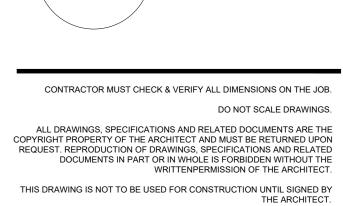




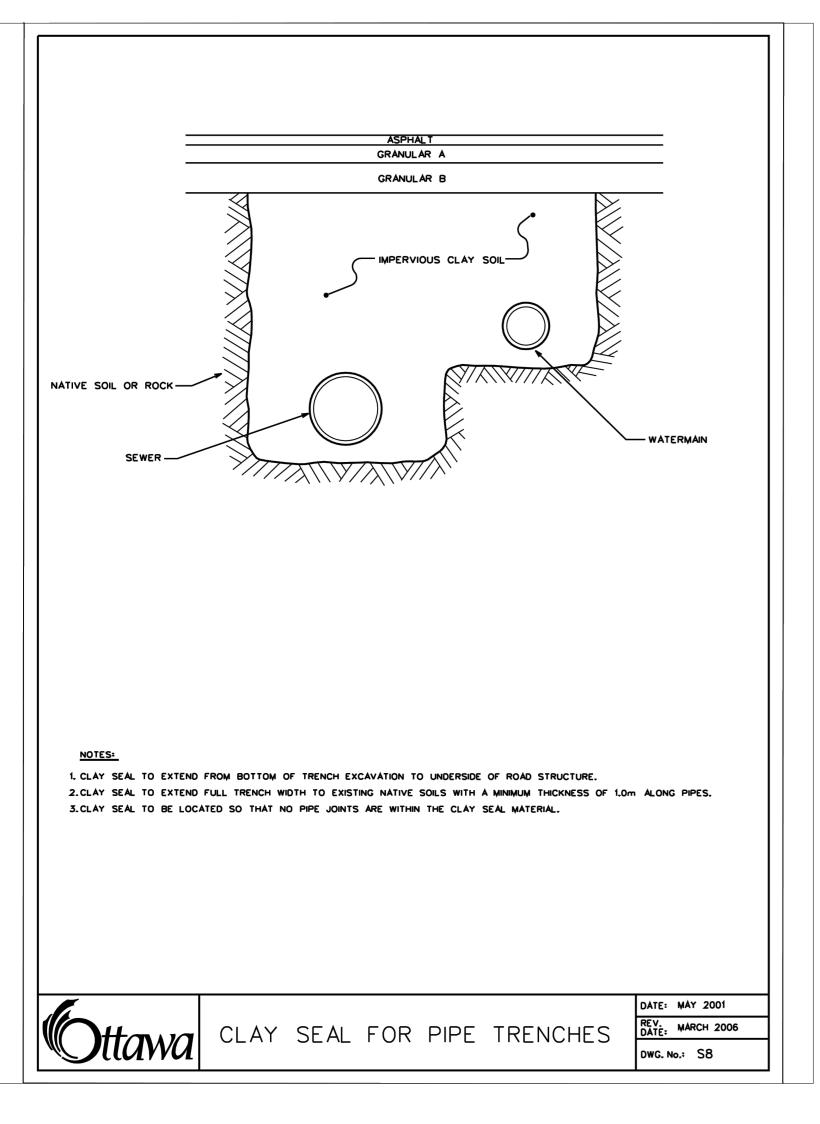


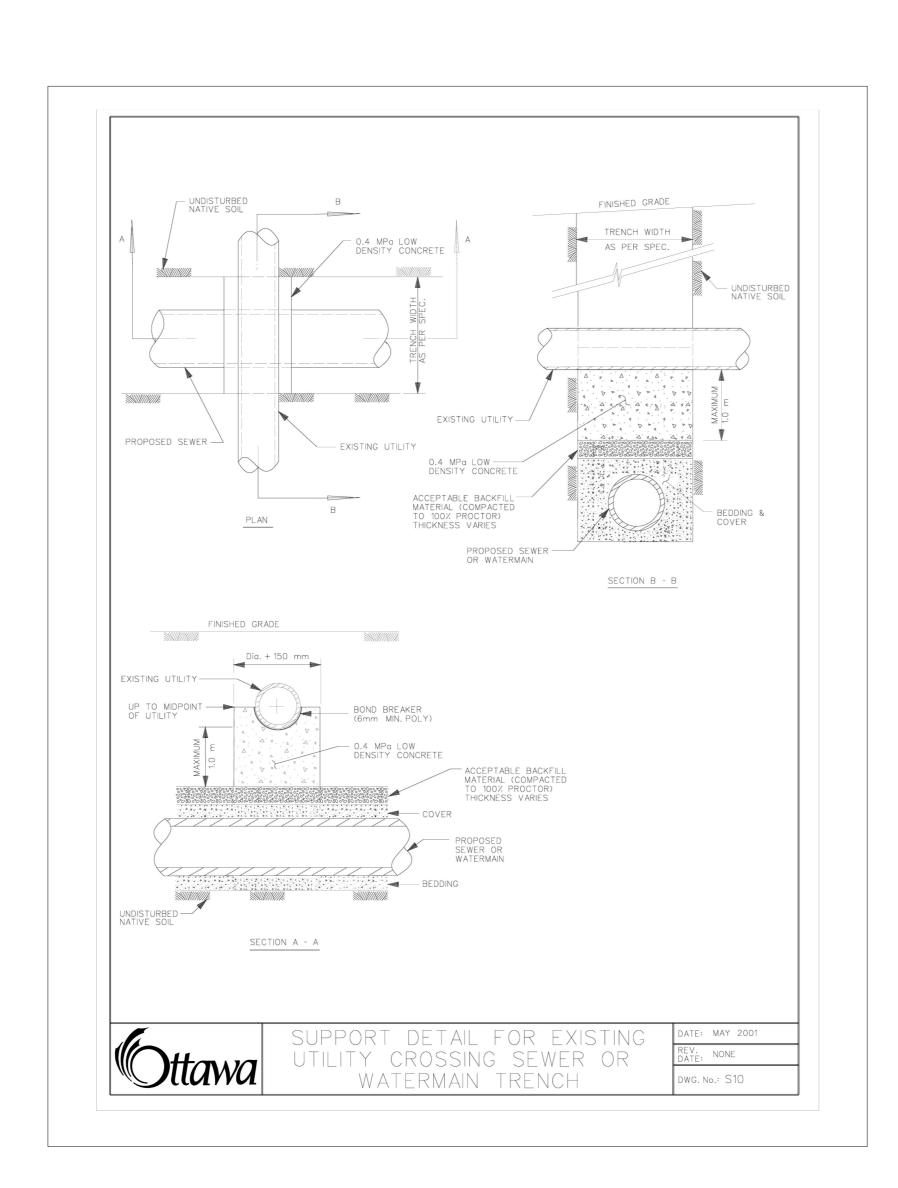


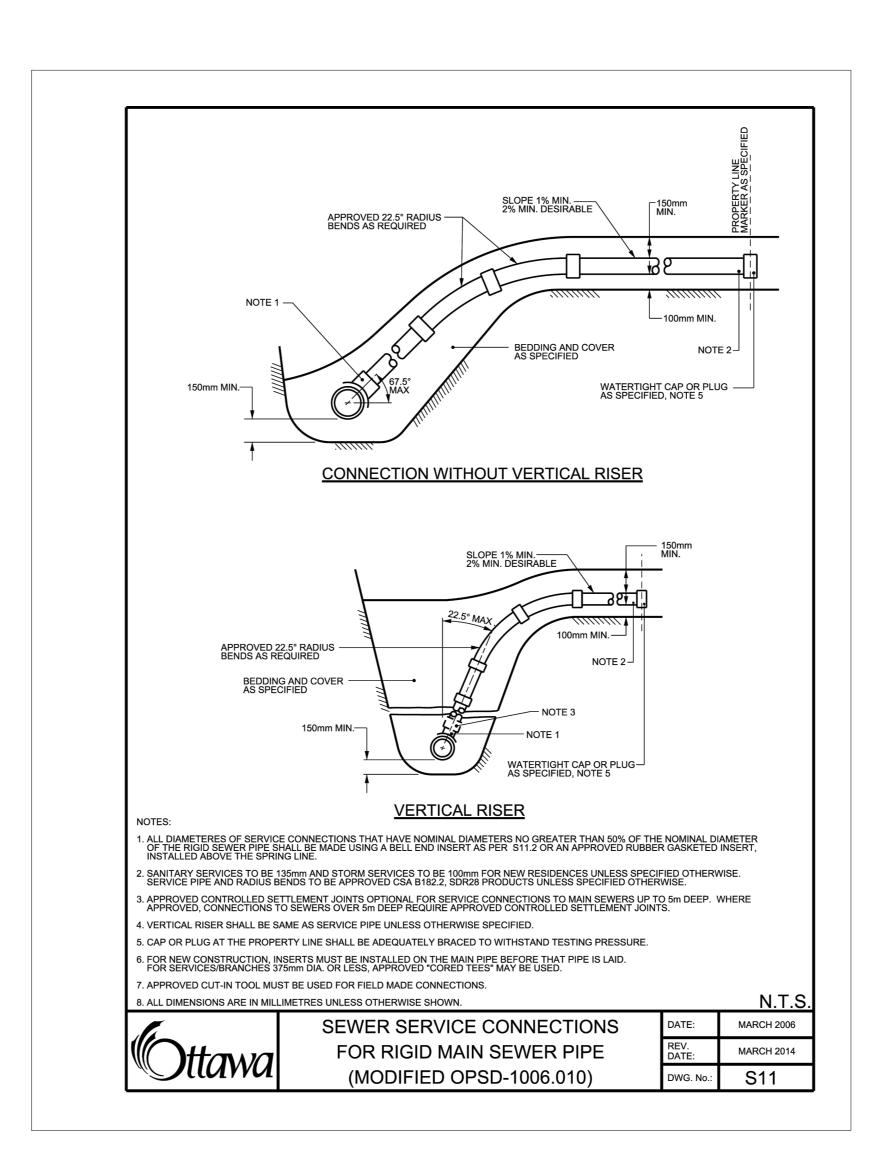


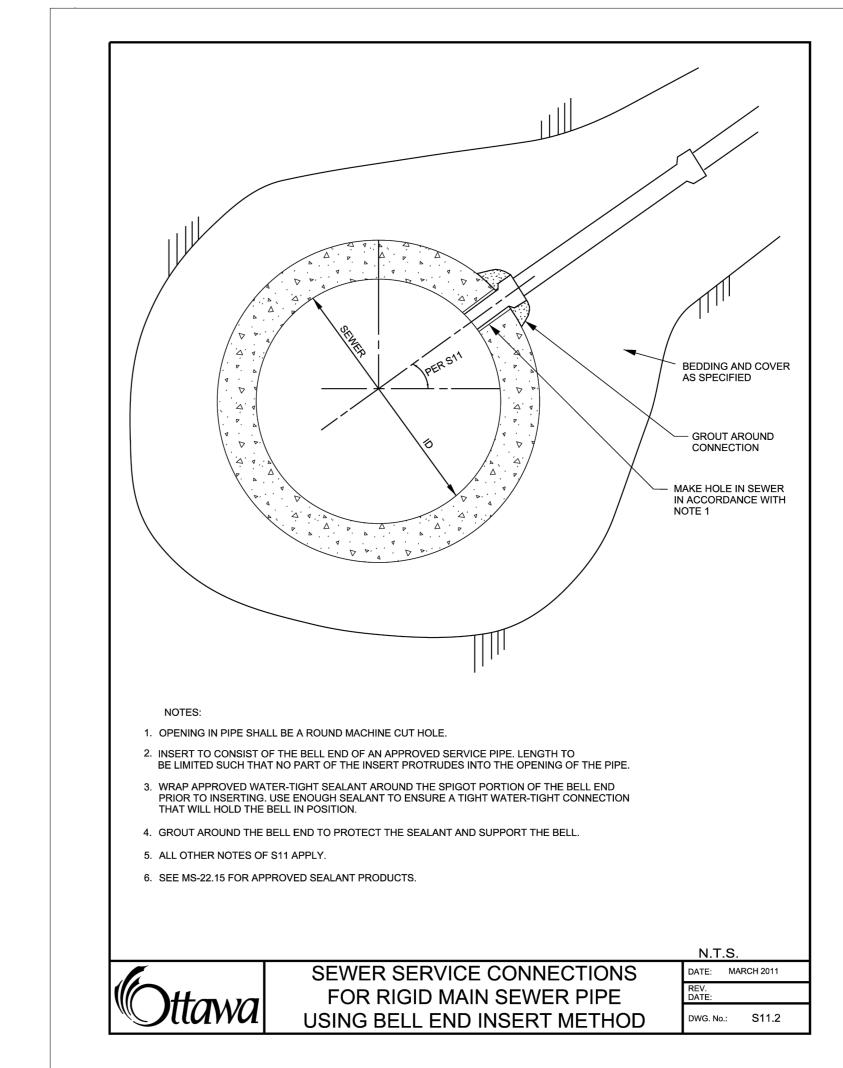


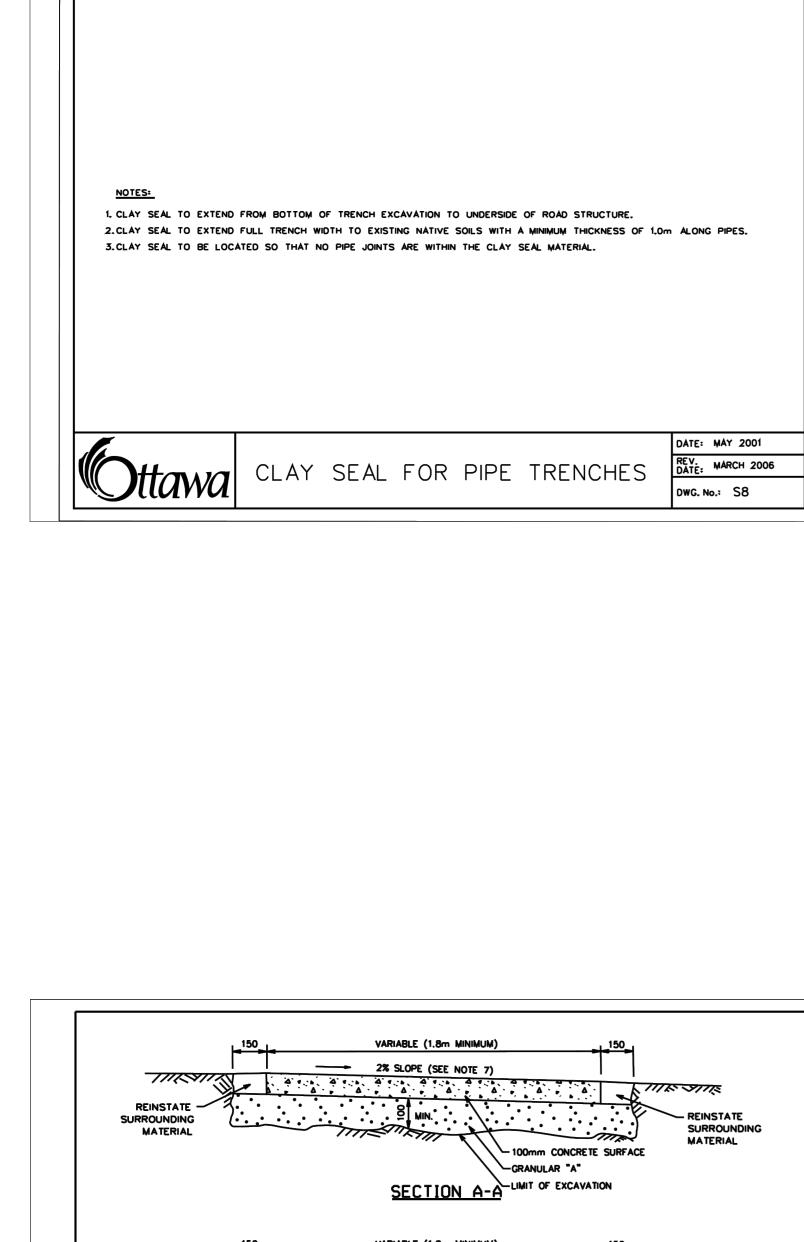
OCH FRIEL STREET / CHAPEL
200/201 FRIEL STREET

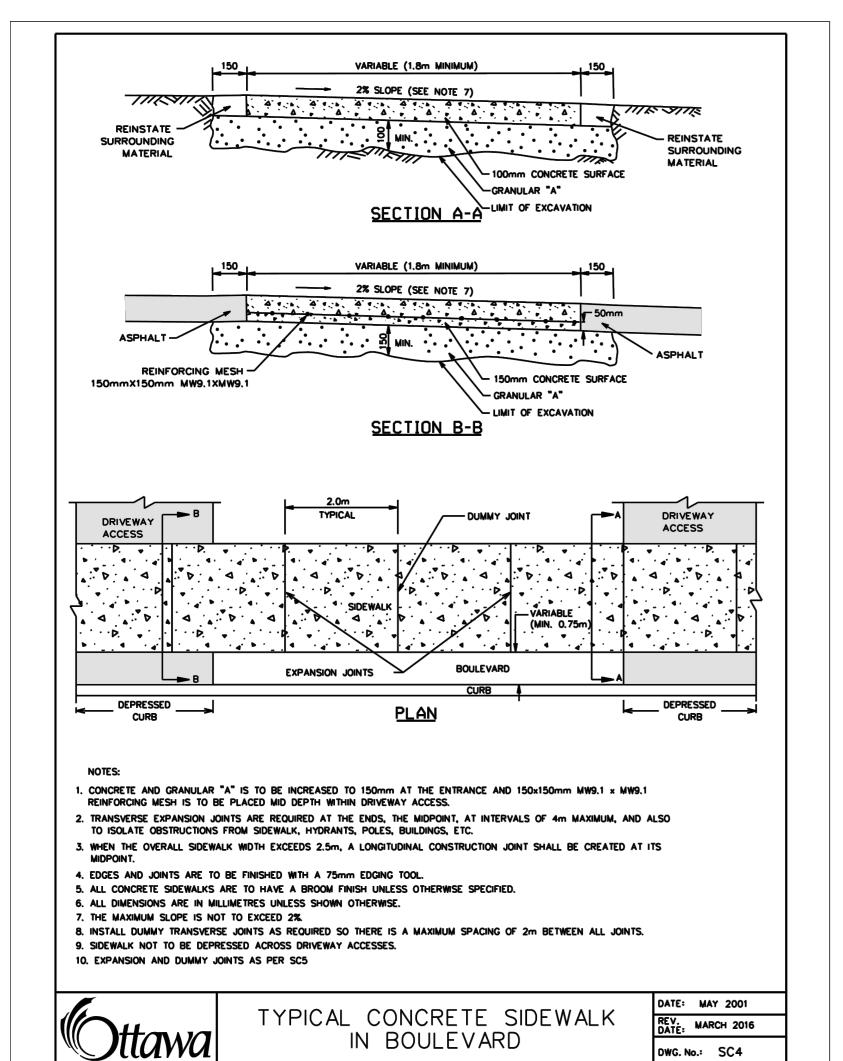


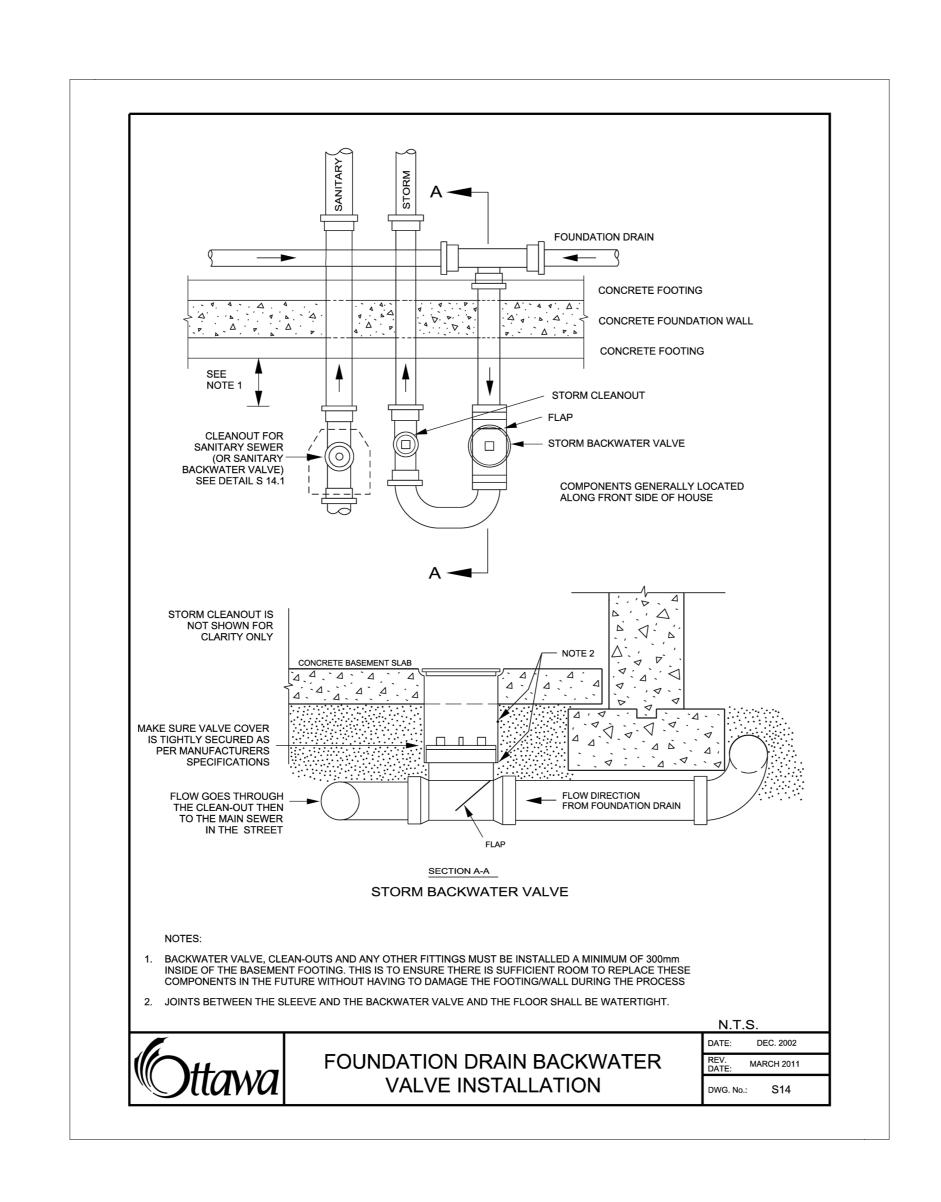


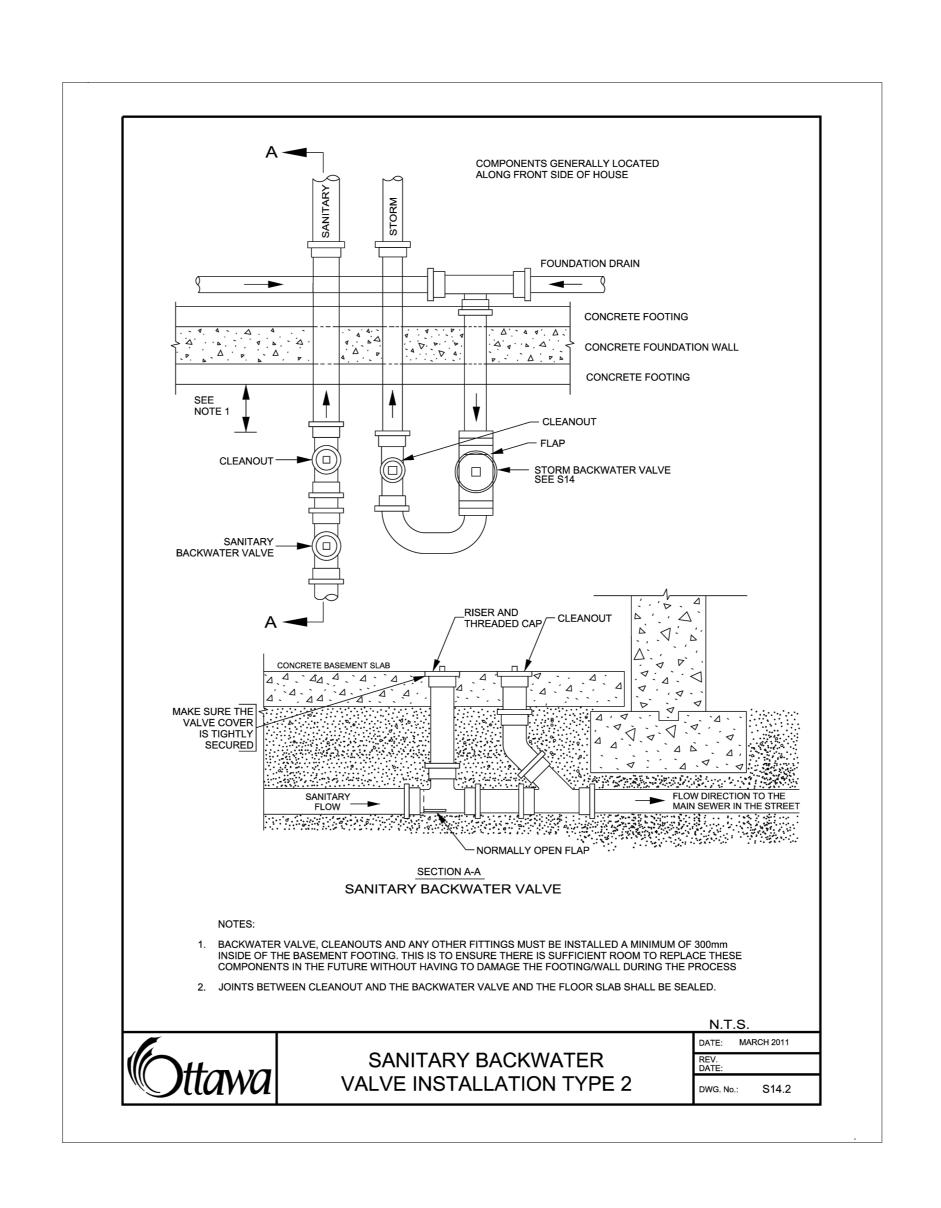


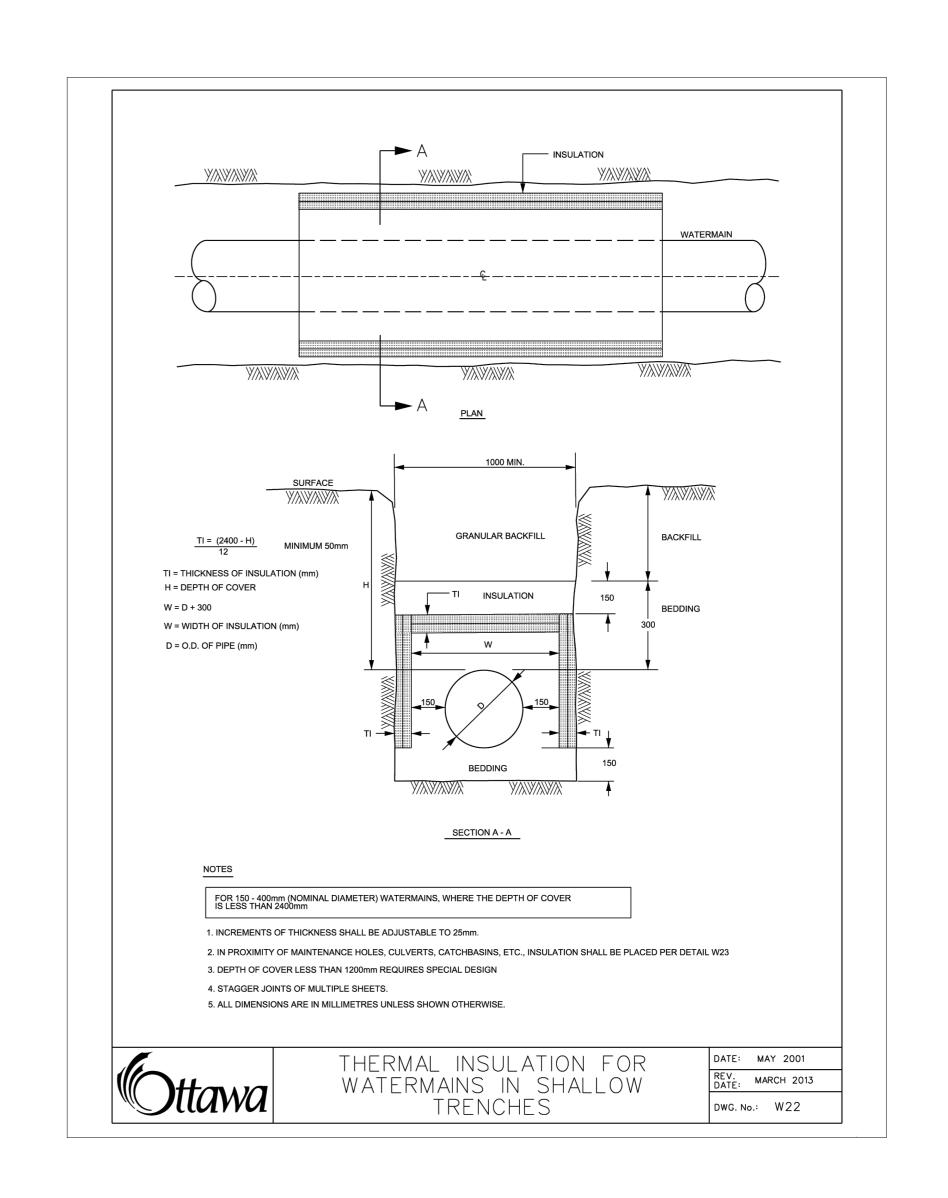


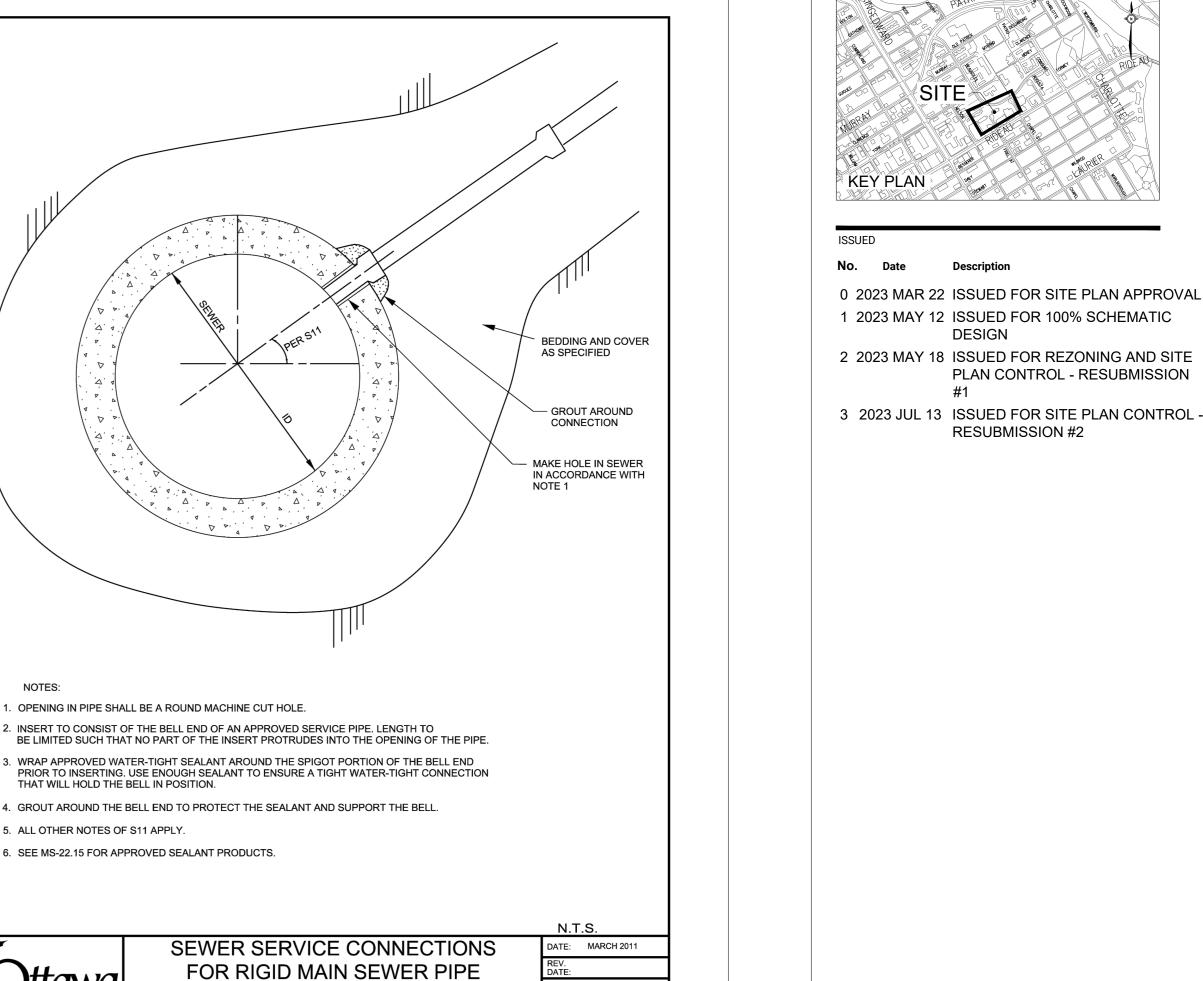


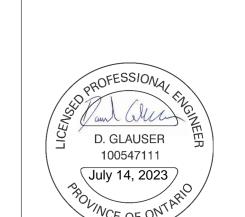








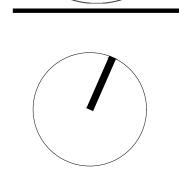




200-2932 BASELINE ROAD, OTTAWA, ON K2H 1B

PLAN CONTROL - RESUBMISSION

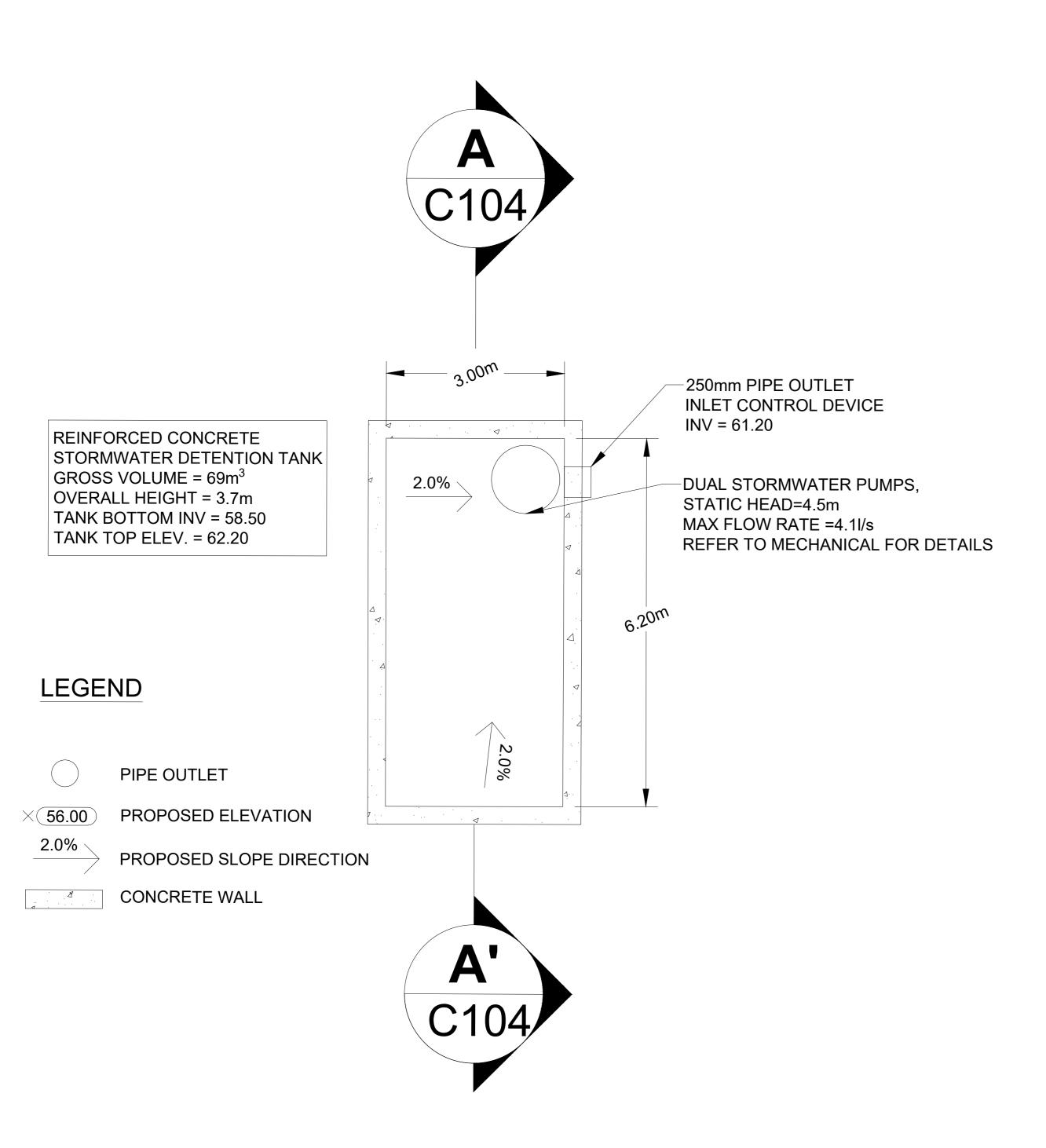
RESUBMISSION #2

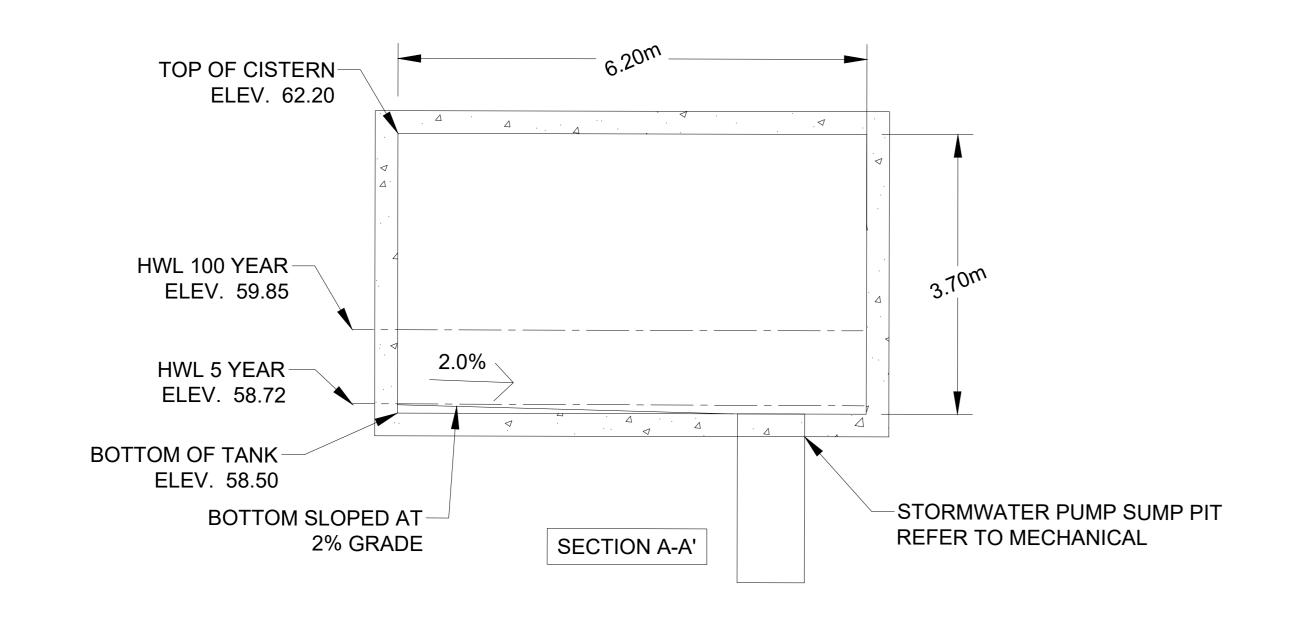


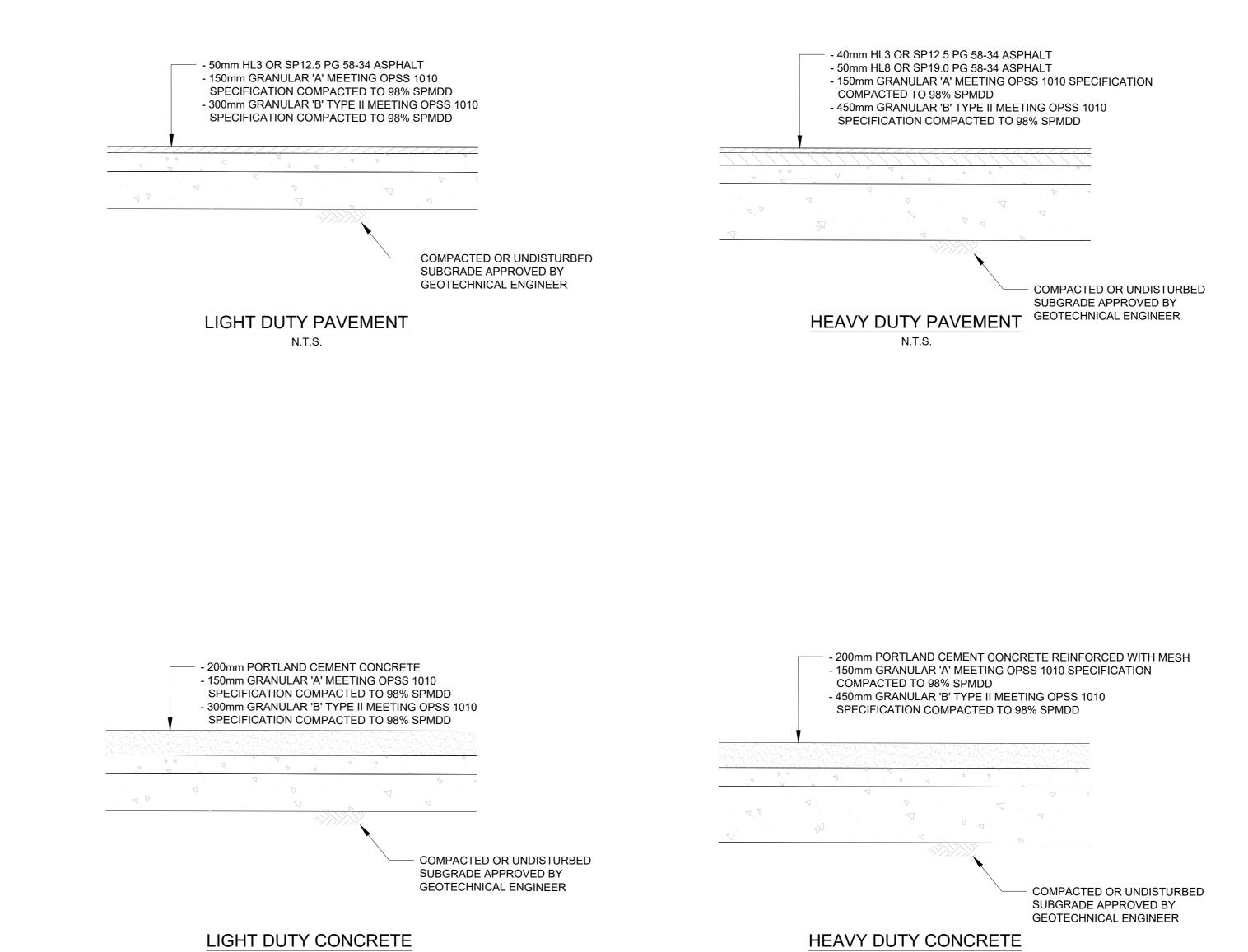
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY

OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET

DETAILS 3 & Scale: N/A Project No: 220262300



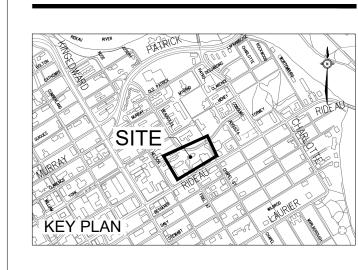




N.T.S.



MORRISON HERSHFIELD 200-2932 BASELINE ROAD, OTTAWA, ON K2H 1B1



ISSUED

No. Date Description

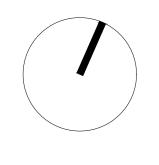
0 2023 MAR 22 ISSUED FOR SITE PLAN APPROVAL

1 2023 MAY 12 ISSUED FOR 100% SCHEMATIC DESIGN

2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION #1

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL - RESUBMISSION #2





CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.

DO NOT SCALE DRAWINGS.

ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.

OCH FRIEL STREET / CHAPEL
200/201 FRIEL STREET

Scale: N/A
Project No: 220262300

DE I

DETAILS 4 2

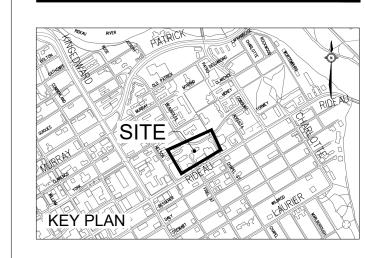
RT 9 4R-352 o Easement 37 & NS194180 PART 2 PLAN 4R-24641 Subject to Easement Concrete Sidewalk MH-ST T/G=62.84 **CUT AND CAP EXISTING** InvW=60.09 (City) `WATERMAIN (SEE NOTE 1) InvE=60.76 (City) InvS=60.64 (City) Existing 525mm Storm Sewer A S P/H A L T / () CR624776 Watermain DI Existing 600mmø Storm Sewer @2.2% CONC Existing 300mmø Sanitary Sewer_@1.6%-CONC -200mmø Watermain DI PLAN 4R-352 Evidence of UG Water 0 4 2 1 3 Approximate Building Outline Upper Levels AND SANITARY SEWERS WITHIN FOOTPRINT OF PROPOSED BUILDING AND BLANK AT THE MAIN. Fire Hydrant | \ P | N (Top of Spindle) / Elevation=61.91 13 Storey Concrete Block Apartment Building PARKING 00.25 N 58°49'15" E ±To Line Approximate Building Outline Upper Levels (Level 6 & 11) Asphalt Parking Lot P I N EP Asphalt Sidewalk EP REGISTERED Brick & Metal Sided Building 2 Storey 22 Storey Brick & Metal Sided Apartment Building PART 1 PLAN 4R-5512 PIN 04213 - 0182 North

NOTES:

1. COMPLETE ALL REMOVALS AND ABANDONMENTS IN ACCORDANCE WITH OPSS MUNI. 510.

diamond KWC Schmitt SMX

MORRISON HERSHFIELD 200-2932 BASELINE ROAD, OTTAWA, ON K2H 1B1



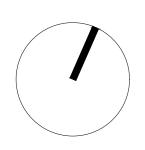
LEGEND

EXISTING WATERMAIN OR SEWER, VALVE CHAMBER, MAINTENANCE HOLE OR CATCH BASIN TO BE REMOVED OR ABANDONED (REMOVE IF WITH EXCAVATION LIMITS).

1 2023 MAY 12 ISSUED FOR 100% SCHEMATIC 2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL -RESUBMISSION #2

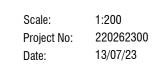


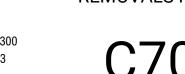


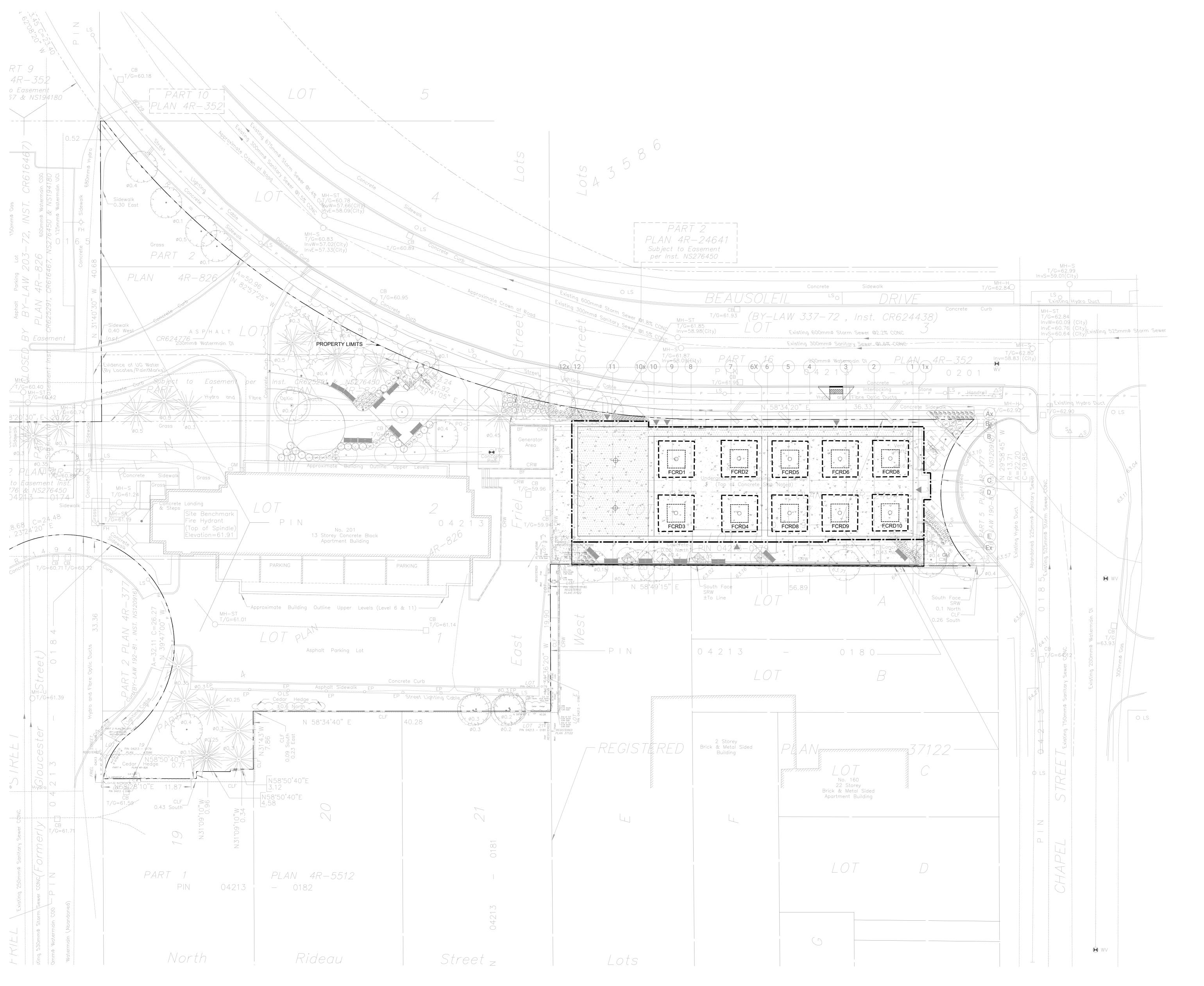
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY

OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET

REMOVALS PLAN







LEGEND

FLOW CONTROLLED ROOF DRAIN

UNCONTROLLED FLOW ROOF DRAIN

AMENITY/UNOCCUPIABLE ROOF - NO FLOW CONTROL

5 YR=22mm DEPTH **— — —** 100 YR=60mm DEPTH

Р	PRODUCT HEAD vs. FLOW								
PONDING DEPTH (m)	FLOW (L/s)								
	OPEN	3/4	1/2	1/4	CLOSED				
0.025	0.315	0.315	0.315	0.315	0.315				
0.05	0.631	0.631	0.631	0.631	0.315				
0.075	0.946	0.867	0.789	0.710	0.315				
0.1	1.262	1.104	0.946	0.789	0.315				
0.125	1.577	1.341	1.104	0.867	0.315				
0.15	1.893	1.577	1.262	0.946	0.315				

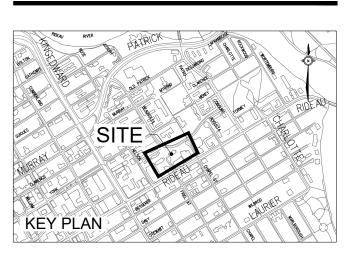
NOTES:

1. PRODUCT - ADJUSTABLE ACCUTROL WEIR WEIR SETTING - 3/4 FLOW RATE APPROX. 0.8L/s IN 100-YR EVENT

2. FOR SCUPPER / EMERGENCY OVERFLOW LOCATIONS / ELEVATION REFER TO ARCHITECTURAL



200-2932 BASELINE ROAD, OTTAWA, ON K2H 1B1

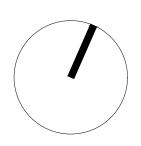


1 2023 MAY 12 ISSUED FOR 100% SCHEMATIC

2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL -RESUBMISSION #2



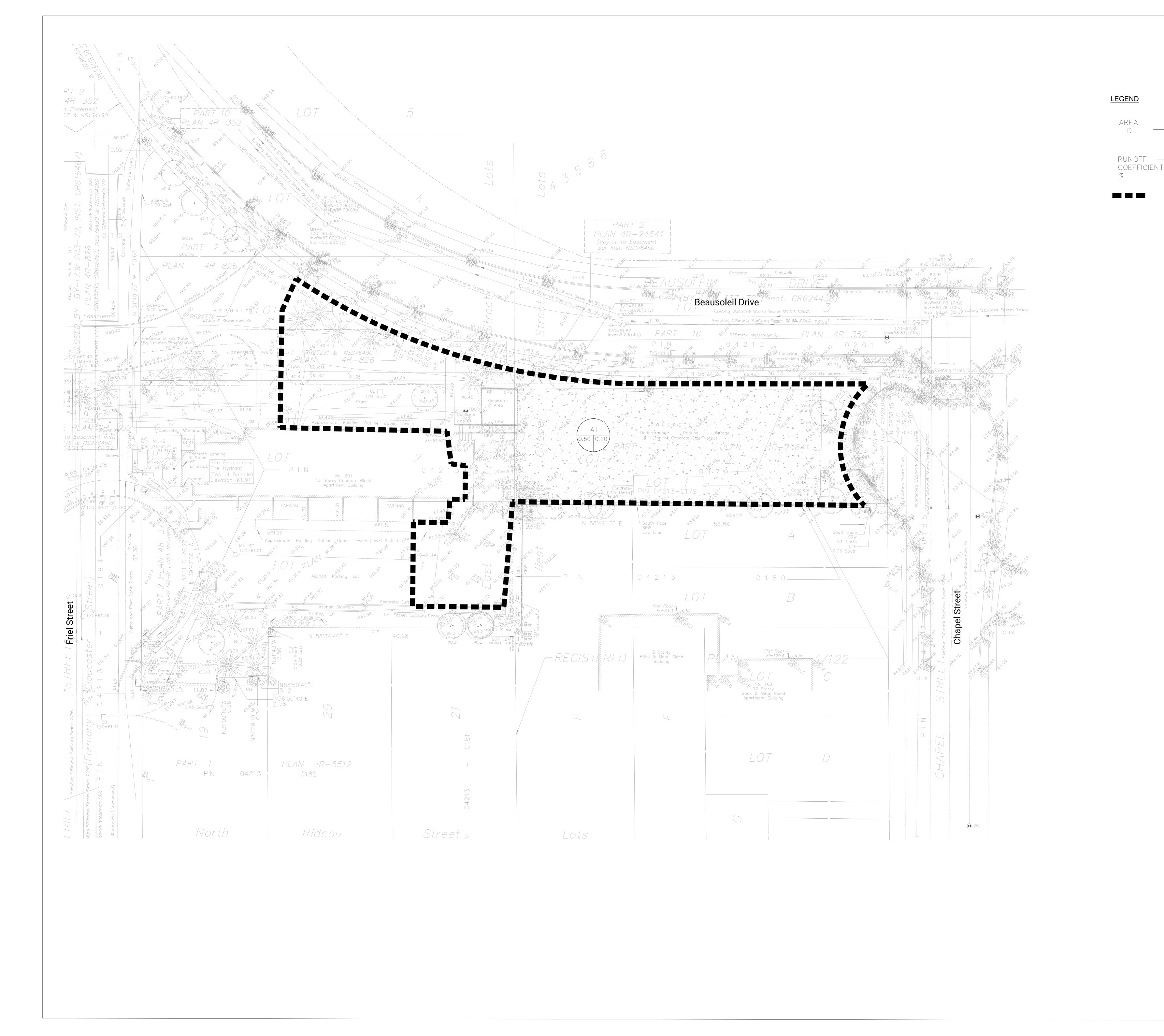


CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.

OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET

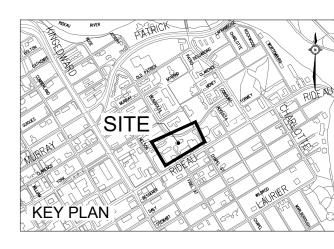
ROOF DRAIN LAYOUT & PONDING







MORRISON HERSHFIELD 200-2932 BASELINE ROAD, OTTAWA, ON K2H 1B1

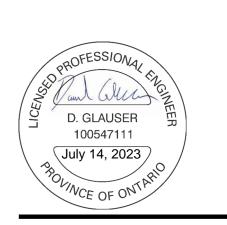


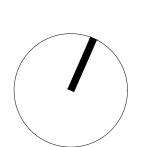
DRAINAGE AREA CHARACTERISTICS

CATCHMENT AREAS

2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL -RESUBMISSION #2





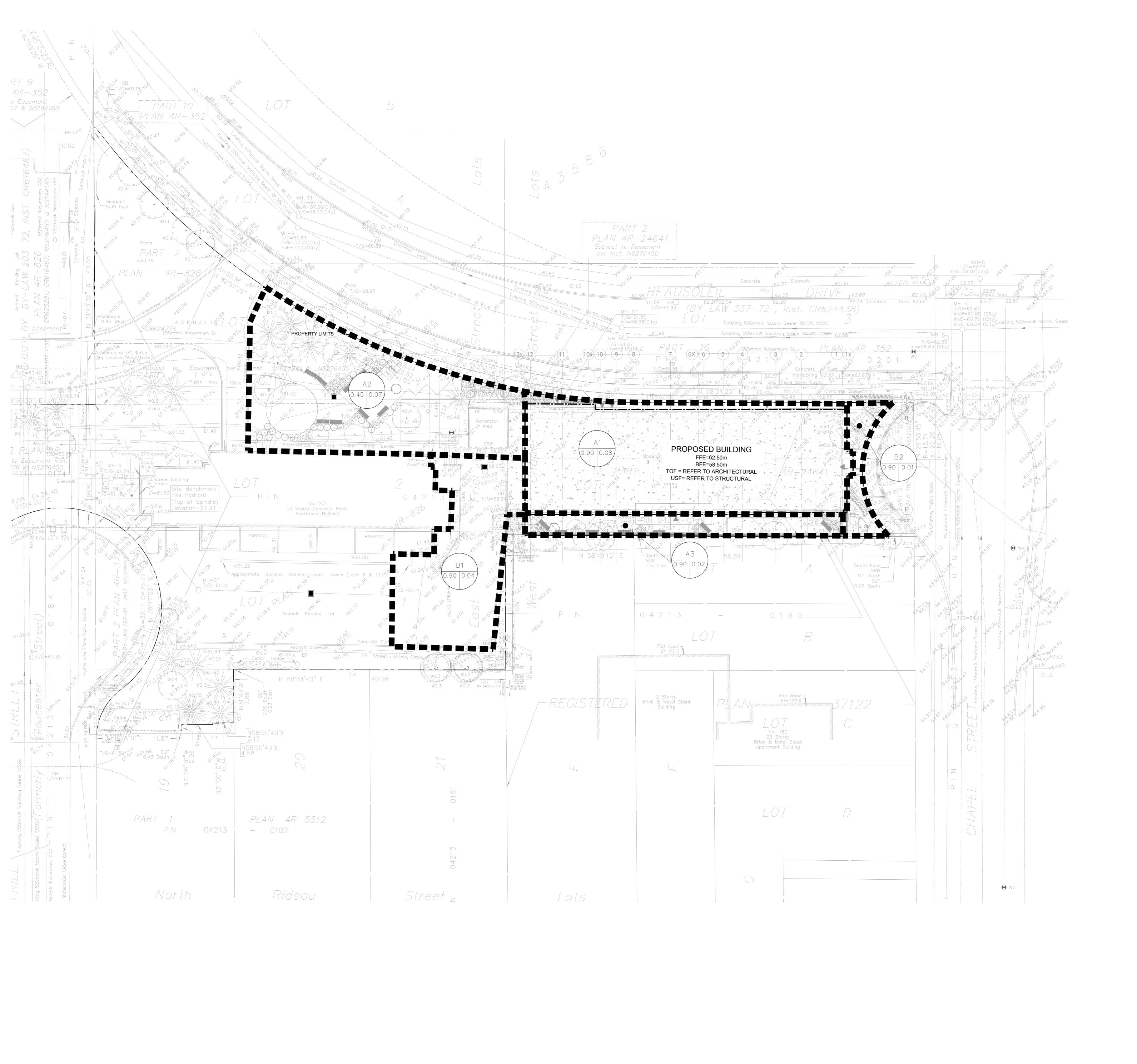
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.

OCH FRIEL STREET / CHAPEL 200/201 FRIEL STREET

EXISTING DRAINAGE AREA PLAN



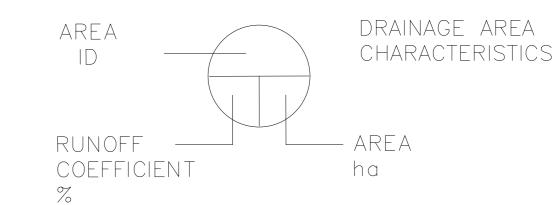




NOTES

1. A1, A2 & A3 ARE PROPOSED CONTROLLED CATCHMENTS.
B1 & B2 ARE PROPOSED UNCONTROLLED CATCHMENTS.

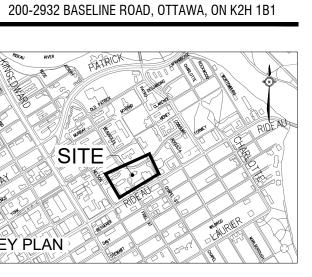
LEGEND



CATCHMENT AREAS



MORRISON HERSHFIELD



SSUED

No. Date Description

100547111 July 14, 2023

CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.

ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTENPERMISSION OF THE ARCHITECT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.

OCH FRIEL STREET / CHAPEL

PROPOSED DRAINAGE AREA PLAN 🛱

DO NOT SCALE DRAWINGS.

200/201 FRIEL STREET

1 2023 MAY 12 ISSUED FOR 100% SCHEMATIC DESIGN
2 2023 MAY 18 ISSUED FOR REZONING AND SITE PLAN CONTROL - RESUBMISSION #1

3 2023 JUL 13 ISSUED FOR SITE PLAN CONTROL -RESUBMISSION #2