

GENERAL NOTES:

- COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
- OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
- BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$2,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED AND THE CITY OF OTTAWA AS THIRD PARTY.
- RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE CITY OF OTTAWA.
- REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ALL ORGANIC MATERIAL AND DEBRIS. ALL CONTAMINATED MATERIAL (IF ANY) SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
- ALL ELEVATIONS ARE GEODETIC. THE SITE BENCHMARKS ARE THE NAILS IN UTILITY POLE (ELEVATION=55.93), REFER TO FARLEY, SMITH AND DENIS SURVEYING LTD. TOPOGRAPHIC PLAN OF PART OF LOTS 85, 86 AND 87, CITY OF OTTAWA.
- REFER TO GEOTECHNICAL INVESTIGATION REPORT NO. 59-HII-R0, DATED DECEMBER 08, 2022, PREPARED BY YURI MENDEZ ENGINEERING FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF GRANULAR MATERIAL.
- REFER TO THE DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT No. R-2022-198 DATED DECEMBER 19, 2024 PREPARED BY NOVATECH.
- REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARD SURFACE AREAS AND DIMENSIONS.
- SAW CUT AND KEYGRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10). ALL ROAD CUTS TO BE REINSTATED WITH FULL MILL OVERLAY AS PER CITY OF OTTAWA STANDARDS (R10).
- CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES AND GRADING PLAN INDICATING ALL SERVICING AS-BUILT INFORMATION SHOWN ON THE PLANS. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND T/G ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS, ANY ALIGNMENT CHANGES, AND ALL SURFACE ELEVATION AS BUILT GRADES.

SEWER NOTES:

- SUPPLY AND CONSTRUCT ALL SEWERS AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.
- SPECIFICATIONS:

ITEM	SPEC. No.	REFERENCE
STORM / SANITARY MANHOLE (12000)	701.010	OPSD
CATCHBASIN (600x600mm)	705.010	OPSD
CB. FRAME & COVER	400.020	OPSD
STORM / SANITARY MH FRAME	525	CITY OF OTTAWA
STORM COVER (CLOSED)	524.1	CITY OF OTTAWA
STORM COVER (OPEN)	528.1	CITY OF OTTAWA
SEWER TRENCH	58 & 57	CITY OF OTTAWA
STORM SEWER < 450mmØ	PVC SDR 35 (UNLESS SPECIFIED OTHERWISE)	
STORM SEWER >= 450mmØ	CONC 650 (UNLESS SPECIFIED OTHERWISE)	
SANITARY SEWER	PVC DR 35	CITY OF OTTAWA
- SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0%.
- ALL STORM AND SANITARY SERVICE LATERALS SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTTAWA STANDARD DETAILS S14 AND S14.1 OR S14.2.
- ALL WEeping TIE CONNECTIONS TO BE MADE TO THE PROPOSED STORM SEWER SYSTEM DOWNSTREAM OF ANY INLET CONTROL DEVICES.
- INSULATE ALL PIPES (SANSTM) THAT HAVE LESS THAN 2.0m COVER. PER INSULATION DETAIL FOR SHALLOW SEWERS, PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.
- FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTING PIPES TO MANHOLES (FOR EXAMPLE KOR-A-SEAL, PSX: POSITIVE SEAL AND DURASEAL). THE CONCRETE CRADLE FOR THE PIPE CAN BE ELIMINATED.
- STORM MANHOLES AND CBMHs ARE TO HAVE 300mm SUMP UNLESS OTHERWISE INDICATED.
- ALL CATCHBASINS, MANHOLES AND/OR CATCHBASIN MANHOLES THAT ARE TO HAVE ICD'S INSTALLED WITHIN THEM ARE TO HAVE 600mm SUMPS.
- ALL CATCHBASINS AND CATCHBASIN MANHOLES TO BE PROVIDED WITH MINIMUM 3 METER LONG PERFORATED SUBDRAINS EXTENDING IN TWO DIRECTIONS AT THE SUBGRADE LEVEL. THE SUBGRADE SURFACE SHOULD BE SHAPED TO PROMOTE WATER FLOW TO THE DRAINAGE LINES.
- CONTRACTOR TO TELEWISE (CCTV) ALL PROPOSED SEWERS, 200mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES AND RE CCTV PRIOR TO ACCEPTANCE.
- CONTRACTOR TO TELEWISE (CCTV) ALL EXISTING SEWERS IN WALKLEY RD. FRONTING THE SITE PRE AND POST CONSTRUCTION.
- THE OWNER SHALL REQUIRE THAT THE SITE SERVICING CONTRACTOR PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SEWERS. LEAKAGE TESTING SHALL BE COMPLETED IN ACCORDANCE WITH OPSD 410.07.16, 410.07.16.04 AND 407.07.24. DYE TESTING IS TO BE COMPLETED ON ALL SANITARY SERVICES TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN. THE FIELD TESTS SHALL BE PERFORMED IN THE PRESENCE OF A CERTIFIED PROFESSIONAL ENGINEER WHO SHALL SUBMIT A CERTIFIED COPY OF THE TEST RESULTS.

GRADING NOTES:

- ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS.
- EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL CONSULTANT.
- ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUBEXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS.
- THE GRANULAR BASE SHOULD BE COMPACTED TO AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
- GRADE AND/OR FILL BEHIND PROPOSED CURB AND BETWEEN BUILDINGS AND CURBS, WHERE REQUIRED TO PROVIDE POSITIVE DRAINAGE.
- MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
- ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1, SC1.4).
- ALL SIDEWALKS ARE TO BE CONSTRUCTED AS PER CITY OF OTTAWA DETAILS (SC1.4, SC4, SC5, SC6). INSTALL TWSI AT ALL DEPRESSED CURB RAMPS PER CITY DETAIL (SC7.3).
- AS PER PRIVATE APPROACH BY-LAW NO. 2004-447 SECTION 26 (h) THE GRADE OF ANY PART OF A PRIVATE APPROACH TO A BUILDING MAY BE GREATER THAN 6% BUT SHALL NOT EXCEED 12% PROVIDED THAT A SUBSTANCE MELTING DEVICE SUFFICIENT TO KEEP THE PRIVATE APPROACH FREE OF ICE AT ALL TIMES IS INSTALLED AND PROPERLY MAINTAINED BY THE OWNER.

WATERMAIN NOTES:

- SPECIFICATIONS:

ITEM	SPEC. No.	REFERENCE
WATERMAIN TRENCHING	W17	CITY OF OTTAWA
THERMAL INSULATION IN SHALLOW TRENCHES	W22	CITY OF OTTAWA
WATERMAIN CROSSING BELOW SEWER	W25	CITY OF OTTAWA
WATERMAIN	PVC DR 18	
- SUPPLY AND CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMAINS BY THE CONTRACTOR. CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PERFORMED BY CITY OFFICIALS.
- WATERMAIN SHALL BE MINIMUM 2.4m DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED.
- PROVIDE MINIMUM 0.5m CLEARANCE BETWEEN OUTSIDE OF PIPES AT ALL CROSSINGS.
- WATER SERVICE IS TO BE CONSTRUCTED TO WITHIN 1.0m OF FOUNDATION WALL AND CAPPED, UNLESS OTHERWISE INDICATED.

EROSION AND SEDIMENT CONTROL NOTES:

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

- THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
- THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
- SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
- PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT TRANSPORT OFFSITE.
- EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE ROADS ARE KEPT FREE OF MUD AND DEBRIS.

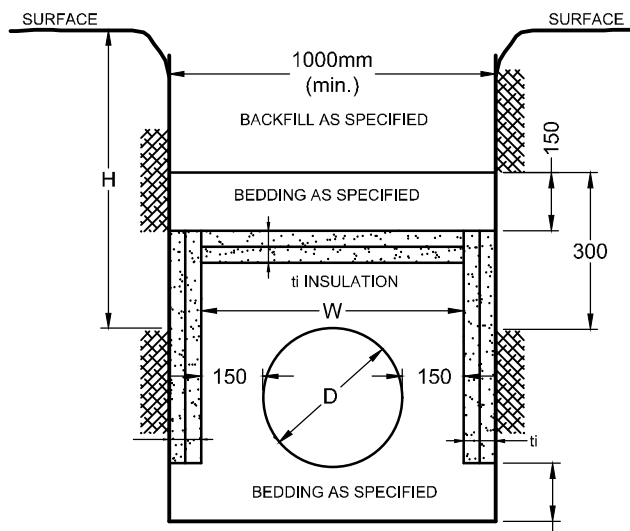
SEWER & WATERMAIN INSULATION NOTES:

COVER SEWER / WATER (mm)	INSULATION THICKNESS (mm)
2000-1700 / 2400-2100	50
1700-1400 / 2100-1800	75
1400 - / 1800-1500	100

T = THICKNESS OF INSULATION (mm)  
W = WIDTH OF INSULATION (mm)  
W = D + 300 (1000 min.)  
D = O.D OF PIPE (mm)

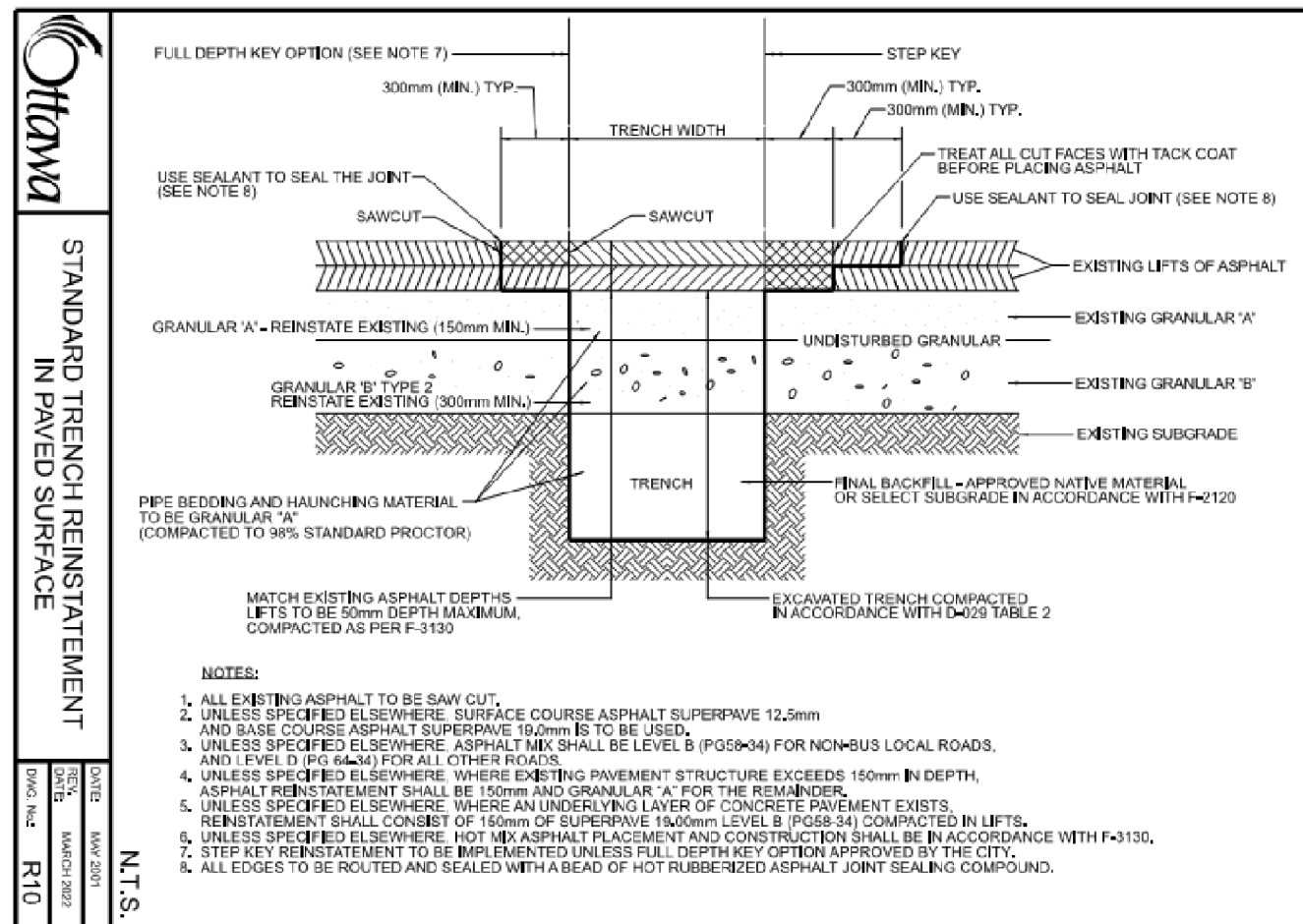
PAVEMENT STRUCTURES:

LIGHT DUTY PAVEMENT  
50mm HL-3 OR SUPERPAVE 12.5  
150mm GRANULAR "A"  
300mm GRANULAR "B" TYPE II  
ASPHALT GRADE PG 58-34

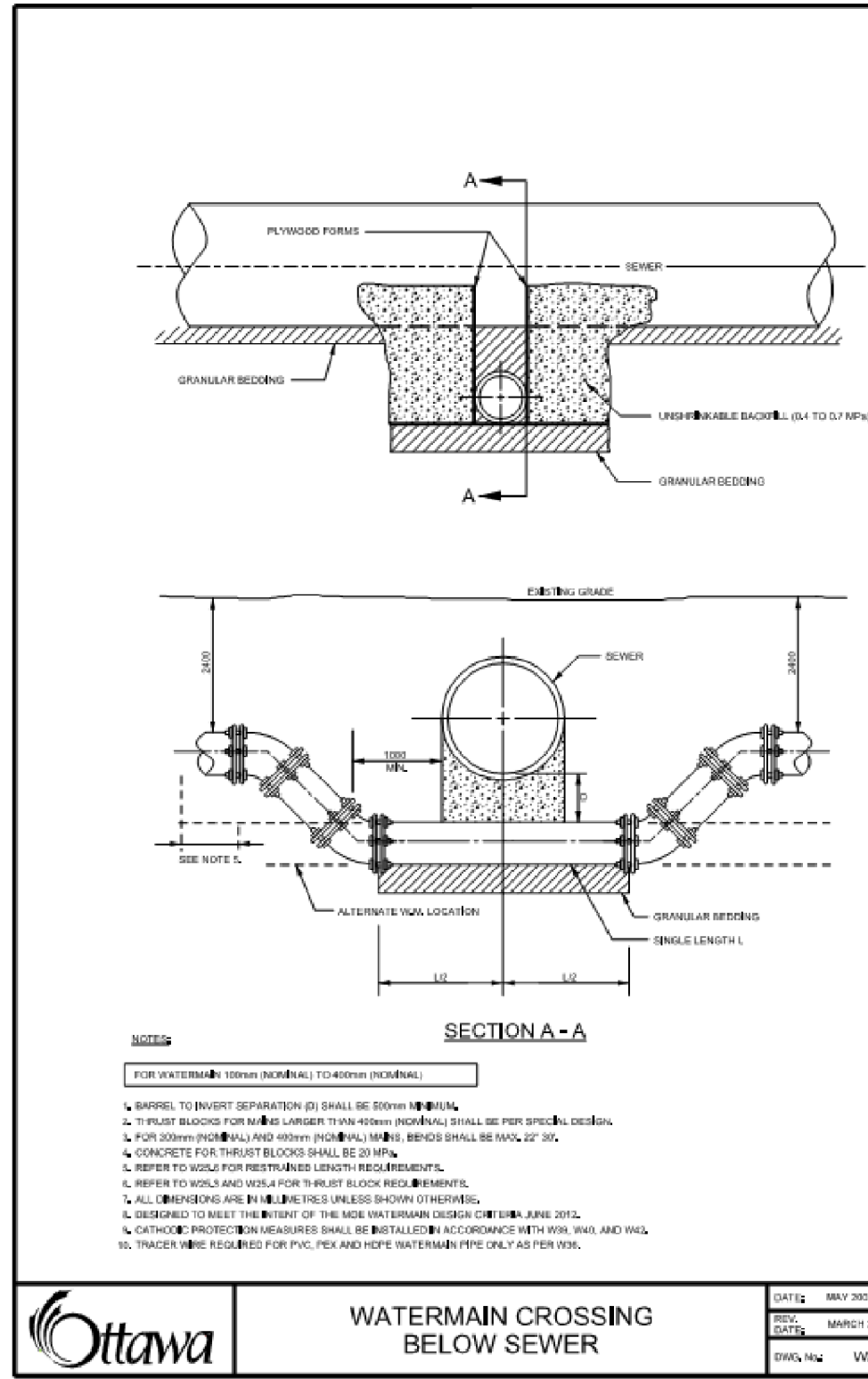


INSULATION DETAIL FOR SHALLOW SEWERS & WATERMAIN

N.T.S.



- NOTES:
- ALL EXISTING ASPHALT TO BE SAW CUT.
  - UNLESS SPECIFIED ELSEWHERE, SURFACE COURSE ASPHALT SUPERPAVE 12.5mm AND BASE COURSE ASPHALT SUPERPAVE 10.2mm B5 TO BE USED.
  - UNLESS SPECIFIED ELSEWHERE, ASPHALT TACK SHALL BE LEVEL 8 (PG58-34) FOR NON-HIGH LOCAL ROADS, AND LEVEL 9 (PG64) FOR ALL OTHER ROADS.
  - UNLESS SPECIFIED ELSEWHERE, WHERE EXISTING PAVEMENT STRUCTURE EXCEEDS 150mm IN DEPTH, ASPHALT REINSTATEMENT SHALL BE 150mm AND GRANULAR "A" FOR THE REMAINDER.
  - UNLESS SPECIFIED ELSEWHERE, WHERE AN UNDERLYING LAYER OF CONCRETE PAVEMENT EXISTS, REINSTATEMENT SHALL CONSIST OF 100mm OF SUPERPAVE 10.2mm LEVEL 8 (PG58-34) COMPACTED LIFTS, STEP BY REINSTATEMENT TO BE 50mm DEPTH MINIMUM, COMPACTED AS PER S133.
  - STEP BY REINSTATEMENT TO BE 50mm DEPTH MINIMUM, COMPACTED AS PER S133.
  - ALL EDGES TO BE ROUTED AND SEALED WITH A BEAD OF HOT RUBBERIZED ASPHALT JOINT SEALING COMPOUND.

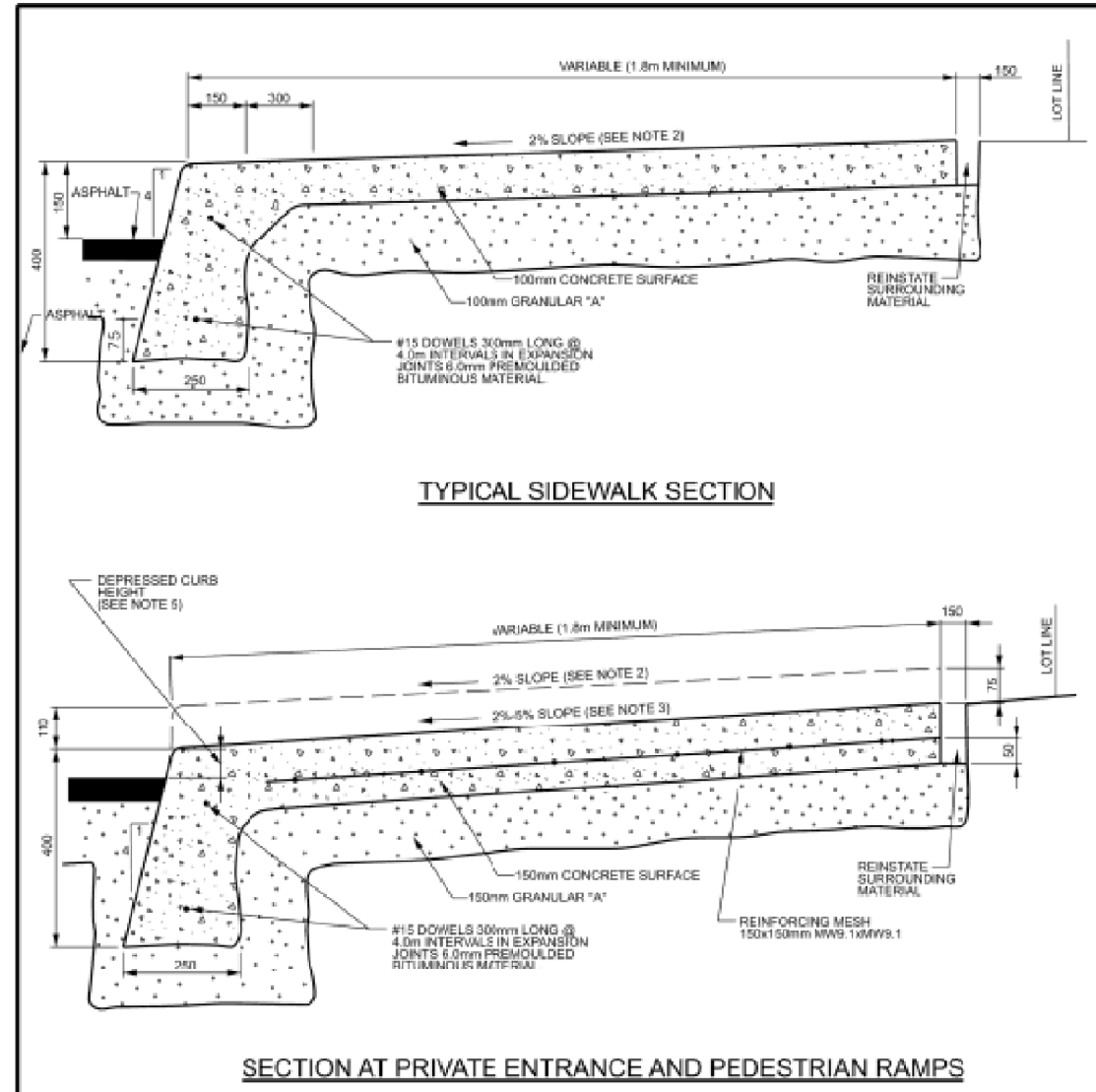


SECTION A-A

NOTES:

- FOR WATERMAINS (OTHER THAN 18" TO 24" DIAMETER):
- WATERMAIN TO BE INSTALLED AT A MINIMUM DEPTH OF 2.4m BELOW GRADE.
- IF EXISTING BACKFILL IS FOUND UNDER THE WATERMAIN, IT SHALL BE REMOVED AND REPLACED WITH GRANULAR BEDDING.
- FOR 300mm DIAMETER AND 450mm DIAMETER WATERMAINS, BENDS SHALL BE RADIUS 22.5m.
- CONCRETE FOR THROTTLE BENDS SHALL BE 20 MPa.
- REFER TO WQA FOR REINFORCED CONCRETE REQUIREMENTS.
- REFER TO WQA FOR TRENCHING AND BACKFILLING REQUIREMENTS.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
- DESIGNED TO MEET THE REQUIREMENTS OF THE CANADIAN STANDARD CAN 3-A2-01.
- CATCH BASIN PROTECTORS SHALL BE INSTALLED IN ACCORDANCE WITH WQA, TWSI AND TWSI 10.1.
- ALL TRENCHES REQUIRED FOR PVC AND HDPE WATERMAINS PER S133 AND TWSI.

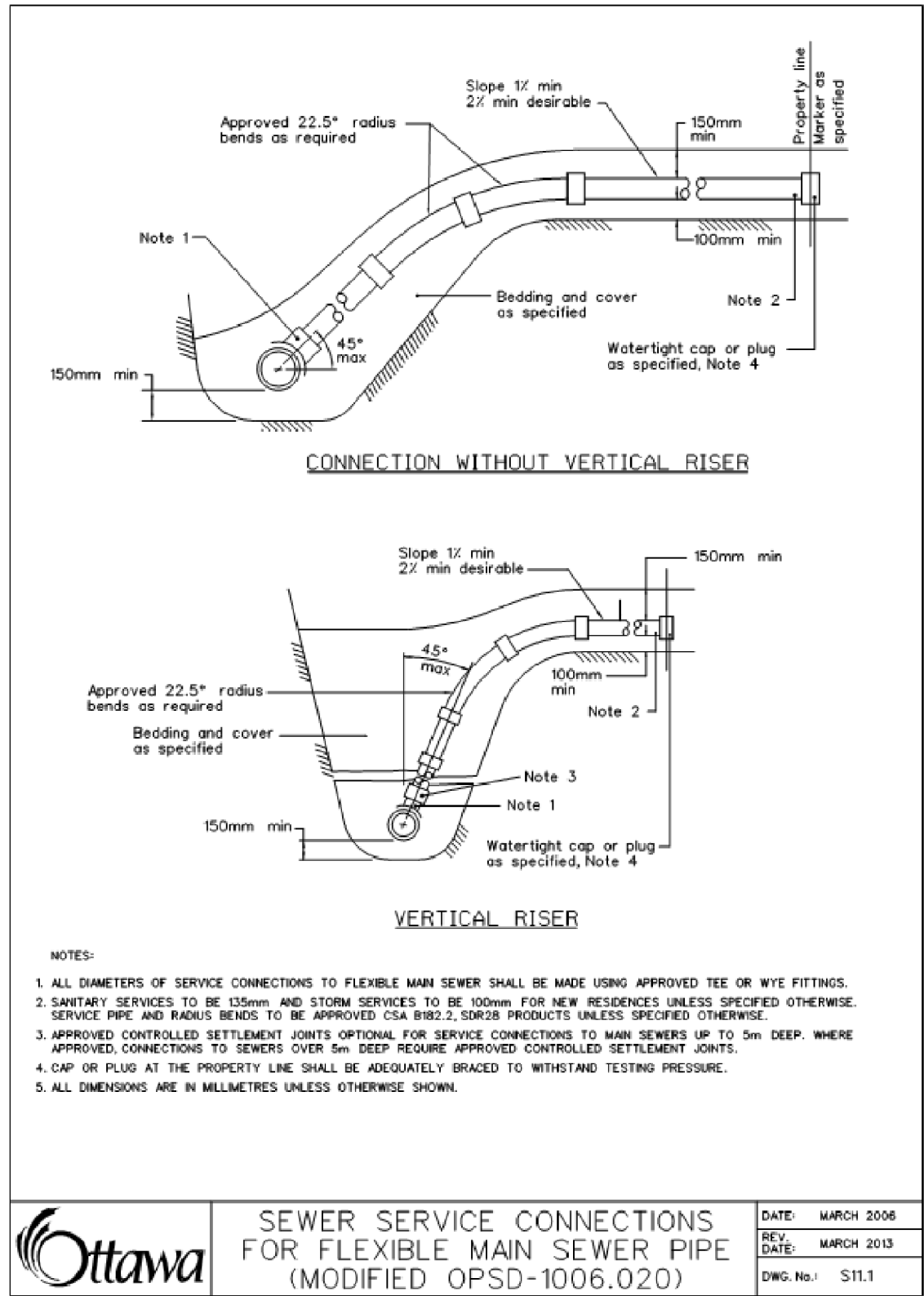
	WATERMAIN CROSSING BELOW SEWER	DATE: MAY 2021 REV. DATE: MARCH 2021 DWG. No.: W25
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- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
  - THE MAXIMUM SLOPE IS NOT TO EXCEED 2%.
  - FOR CURB RAMPS, SLOPE OF 2% TO 5% MAXIMUM 5%.
  - EXPANSION AND DUMMY JOINTS AS PER SCS.
  - DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0.6m AND FOR PRIVATE ENTRANCES 0.3m TO 1.0m.

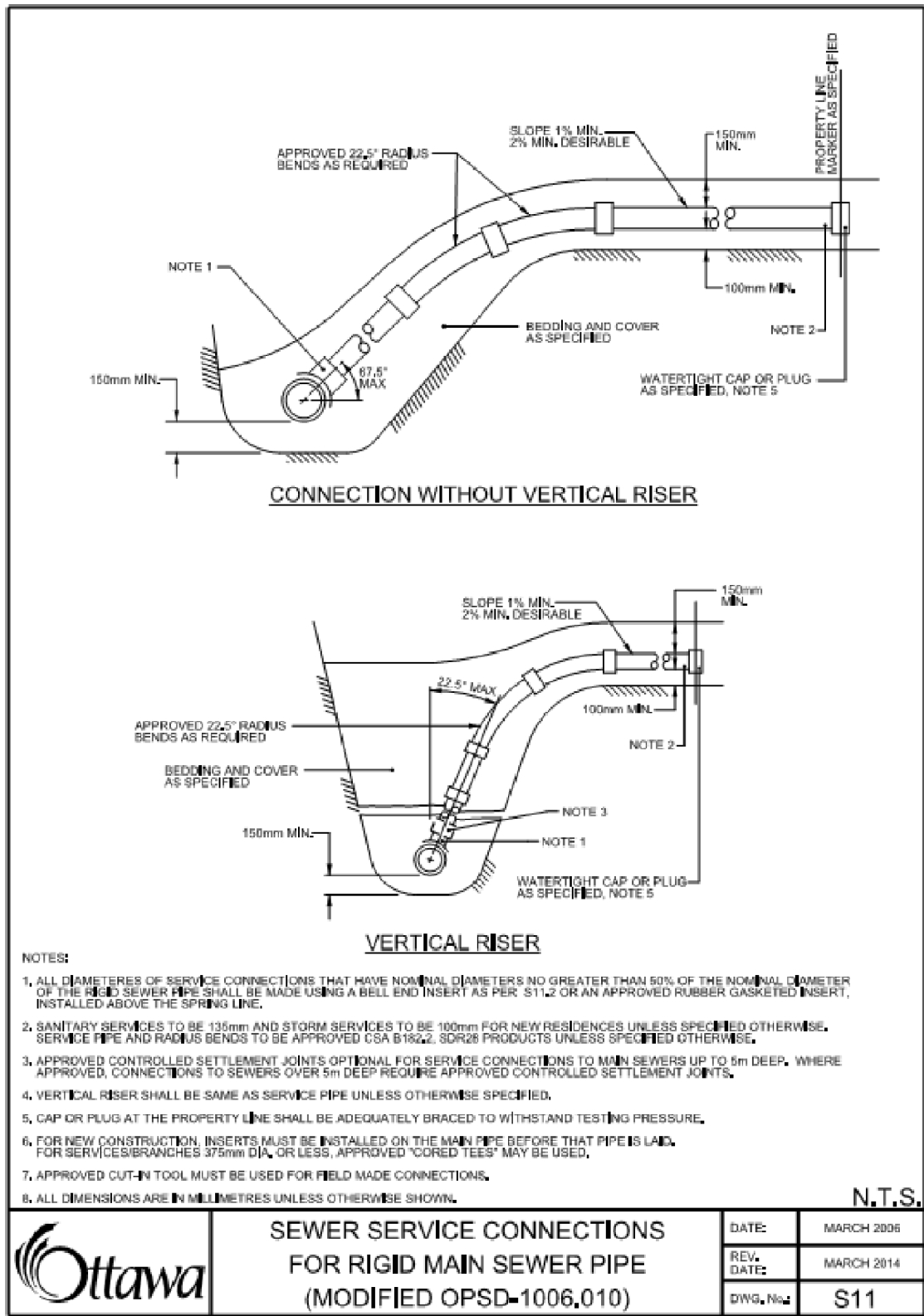
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	MONOLITHIC CONCRETE CURB AND SIDEWALK	DATE: MAY 2021 REV. DATE: MAY 2021 DWG. No.: SC2
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- NOTES:
- ALL DIAMETERS OF SERVICE CONNECTIONS TO FLEXIBLE MAIN SEWER SHALL BE MADE USING APPROVED TEE OR WYE FITTINGS.
  - SANITARY SERVICES TO BE 150mm AND STORM SERVICES TO BE 100mm FOR NEW RESIDENCES UNLESS SPECIFIED OTHERWISE. SERVICE PIPE AND RADIUS HEADS TO BE APPROVED CSA B182.2, S133 PRODUCTS UNLESS SPECIFIED OTHERWISE.
  - APPROVED CONTROLLED SETTLEMENT JOINTS OPTIONAL FOR SERVICE CONNECTIONS TO MAIN SEWERS UP TO 5m DEEP, WHERE APPROVED, CONNECTIONS TO SEWERS OVER 5m DEEP REQUIRE APPROVED CONTROLLED SETTLEMENT JOINTS.
  - CAP OR PLUG AT THE PROPERTY LINE SHALL BE ADEQUATELY GRADED TO WITHSTAND TESTING PRESSURE.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.

	SEWER SERVICE CONNECTIONS FOR FLEXIBLE MAIN SEWER PIPE (MODIFIED OPSD-1006.020)	DATE: MARCH 2006 REV. DATE: MARCH 2013 DWG. No.: S11.1
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- NOTES:
- ALL DIAMETERS OF SERVICE CONNECTIONS TO RIGID MAIN SEWER SHALL BE MADE USING APPROVED TEE OR WYE FITTINGS. SERVICE PIPE AND RADIUS HEADS TO BE APPROVED CSA B182.2, S133 PRODUCTS UNLESS SPECIFIED OTHERWISE.
  - SANITARY SERVICES TO BE 150mm AND STORM SERVICES TO BE 100mm FOR NEW RESIDENCES UNLESS SPECIFIED OTHERWISE. SERVICE PIPE AND RADIUS HEADS TO BE APPROVED CSA B182.2, S133 PRODUCTS UNLESS SPECIFIED OTHERWISE.
  - APPROVED CONTROLLED SETTLEMENT JOINTS OPTIONAL FOR SERVICE CONNECTIONS TO MAIN SEWERS UP TO 5m DEEP, WHERE APPROVED, CONNECTIONS TO SEWERS OVER 5m DEEP REQUIRE APPROVED CONTROLLED SETTLEMENT JOINTS.
  - VERTICAL RISERS SHALL BE SAME AS SERVICE PIPE UNLESS OTHERWISE SPECIFIED.
  - CAP OR PLUG AT THE PROPERTY LINE SHALL BE ADEQUATELY GRADED TO WITHSTAND TESTING PRESSURE.
  - FOR NEW CONSTRUCTION, INSERTS MUST BE INSTALLED ON THE MAIN PIPE BEFORE THAT PIPES ARE.
  - FOR SERVICE IMPROVEMENTS 375mm DIA. OR LESS, APPROVED CONTROLLED TEST MAY BE USED.
  - APPROVED CUT-INT TOOL MUST BE USED FOR FIELD MADE CONNECTIONS.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.

	SEWER SERVICE CONNECTIONS FOR RIGID MAIN SEWER PIPE (MODIFIED OPSD-1006.010)	DATE: MARCH 2006 REV. DATE: MARCH 2014 DWG. No.: S11
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NOTE:  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED, BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

SCALE				DESIGN	
				DMM/ZA	CHECKED
				MJH	DRAWN
				DMM/ZA	CHECKED
				MJH	APPROVED
				JLS	
No.	REVISION	DATE	BY		
1.	ISSUED FOR SITE PLAN APPLICATION	DEC 19/24	MJH		

FOR REVIEW ONLY



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LOCATION  
CITY OF OTTAWA  
73-83 STE CECILE STREET

DRAWING NAME  
NOTES AND DETAILS PLAN

PROJECT No.  
122167

REV  
REV # 1

DRAWING No.  
122167-ND

PLANNING & DESIGN



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No.	REVISION	DATE	BY
1	ISSUED FOR SITE PLAN APPLICATION	DEC 19/24	MJH

SCALE
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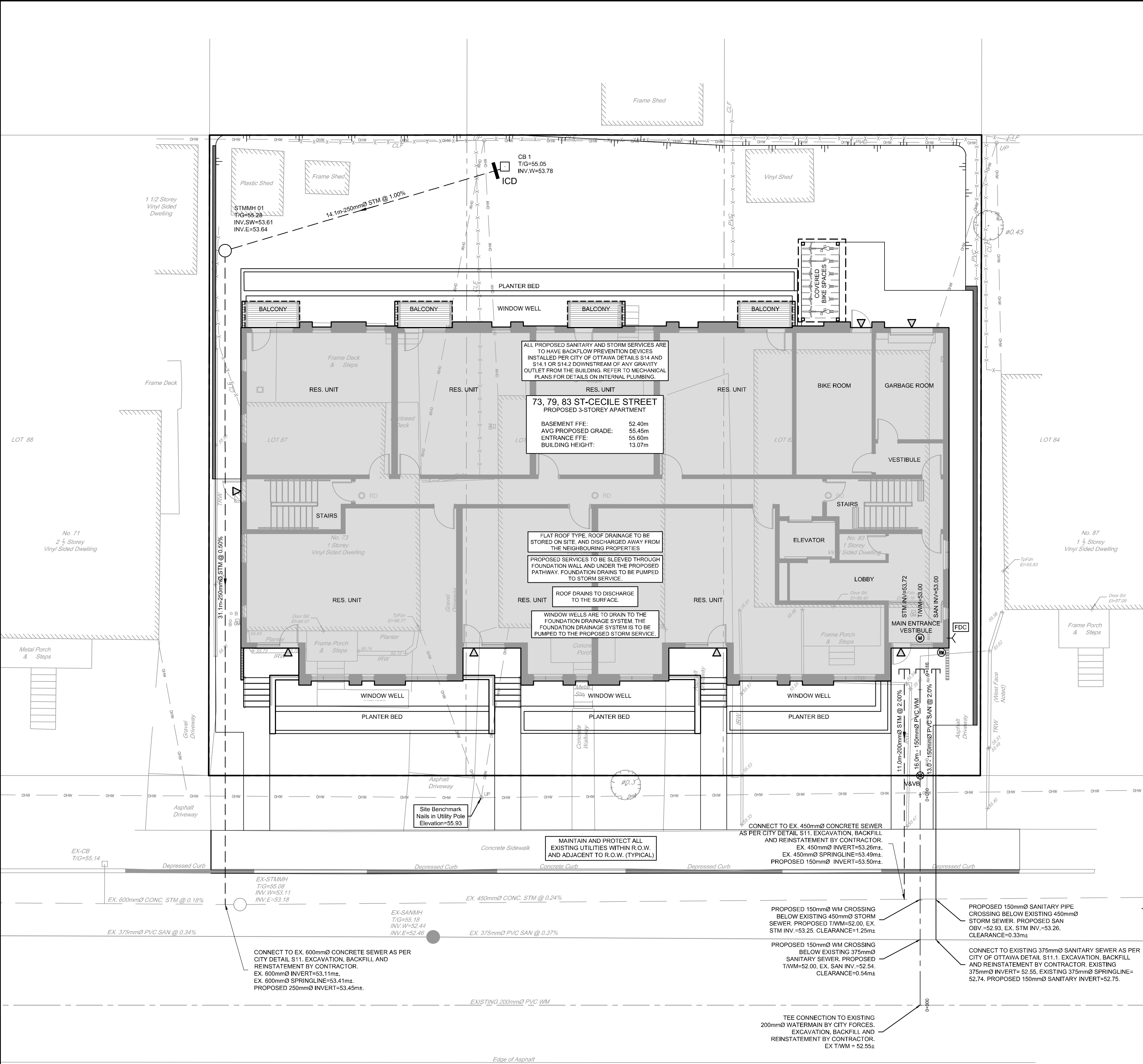
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APPROVED	JLS

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LOCATION CITY OF OTTAWA 73-83 CECILE STREET	PROJECT No. 122167
DRAWING NAME GENERAL PLAN OF SERVICES	REV REV # 1
	DRAWING No. 122167-GP



LEGEND

---	PROPERTY LINE	---	EXISTING CONCRETE CURB
---	PROPOSED SANITARY SEWER	---	EXISTING SANITARY MANHOLE AND SEWER
---	PROPOSED STORM MANHOLE & SEWER	---	EXISTING STORM MANHOLE AND SEWER
---	PROPOSED CATCHBASIN AND LEAD	---	EXISTING CATCHBASIN C/W CATCHBASIN LEAD
---	PROPOSED BARRIER CURB	---	EXISTING HYDRANT
---	PROPOSED DEPRESSED CURB	---	EXISTING UTILITY POLE C/W GUY WIRES
---	PROPOSED WATERMAIN AND DIAMETER	---	EXISTING WATERMAIN
---	PROPOSED CURB STOP	---	EXISTING HYDRANT C/W VALVE & LEAD
---	PROPOSED CAP	---	EXISTING LIGHT STANDARD
---	PROPOSED INLET CONTROL DEVICE	---	EXISTING FENCE
---	CONTROLLED FLOW ROOF DRAIN	---	EXISTING OVERHEAD UTILITY WIRES
---	PROPOSED BUILDING ENTRANCE		
---	PROPOSED WATER METER AND REMOTE METER		
---	PROPOSED GAS METER		

ROOF DRAIN TABLE: AREA A-2 (ROOF DRAINS 1 to 2)

AREA ID	ROOF DRAIN No. (WATTS MODEL)	ROOF DRAIN OPENING SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
A-2	RD 1 (RD-100-A-ADJ)	1/2 EXPOSED	1.03 L/s	11.4 cm	1.18 L/s	14 cm
A-2	RD 2 (RD-100-A-ADJ)	1/2 EXPOSED	1.03 L/s	11.4 cm	1.18 L/s	14 cm
A-2	RD 3 (RD-100-A-ADJ)	1/2 EXPOSED	1.03 L/s	11.4 cm	1.18 L/s	14 cm

\* REFER TO THE DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT (R-2022-198) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.  
\*\*ALL CONTROLLED FLOW ROOF DRAINS FOR THE PROPOSED BUILDING TO BE WATTS 'ADJUSTABLE ACCUTROL' ROOF DRAINS.

INLET CONTROL DEVICE - DATA TABLE

STRUCTURE ID	ICD TYPE	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)			DESIGN HEAD (m)		
			2-YEAR	5-YEAR	100-YEAR	2-YEAR	5-YEAR	100-YEAR
CB 1	TEMPEST LMF 65	250	3.2	4.0	4.2	0.70	1.20	1.28

PROPOSED 150mmØ WATER SERVICE TABLE

STATION	SURFACE ELEVATION	T/W/M ELEVATION	COMMENTS
0+000.0	55.32±	52.92±	150mmØ WATER SERVICE CONNECTION TO EX. 200mmØ PVC WM
0+003.1	55.32±	52.00	CROSS BELOW EX. 375mmØ SAN (CLEARANCE=0.50m±)
0+005.0	55.32±	52.00	CROSS BELOW EX. 450mmØ STORM (CLEARANCE=0.87m±)
0+010.9	55.45±	53.00	PROPERTY LINE / STAND POST
0+016.0	55.55±	53.00	CAP 1.0m FROM FOUNDATION WALL

\* CONNECTION TO EXISTING 200mmØ PVC WATERMAIN. EXACT LOCATION AND ELEVATION TO BE FIELD DETERMINED.  
PROVIDE THERMAL INSULATION AS PER CITY OF OTTAWA DETAIL W23 AND DETAIL W22 WHERE COVER IS LESS THAN 2.4m AND/OR ADJACENT TO OPEN STRUCTURES.

REFER TO 122167-ND FOR ADDITIONAL NOTES







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NOTE:  
THE POSITION OF ALL POLE LINES, CONDUITS,  
WATERMANS, SEWERS AND OTHER  
UNDERGROUND AND OVERGROUND UTILITIES AND  
STRUCTURES IS NOT NECESSARILY SHOWN ON  
THE CONTRACT DRAWINGS, AND WHERE SHOWN,  
THE ACCURACY OF THE POSITION OF SUCH  
UTILITIES AND STRUCTURES IS NOT GUARANTEED.  
BEFORE STARTING WORK, DETERMINE THE EXACT  
LOCATION OF ALL SUCH UTILITIES AND  
STRUCTURES AND ASSUME ALL LIABILITY FOR  
DAMAGE TO THEM.

STE. CECILE STREET

DESIGN

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CHECKED

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DRAWN

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SCALE

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LOCATION  
CITY OF OTTAWA  
73-83 CECILE STREET

EROSION AND SEDIMENT  
CONTROL PLAN

PROJECT No.

122167

REV

REV # 1

DRAWING No.

122167-ESC

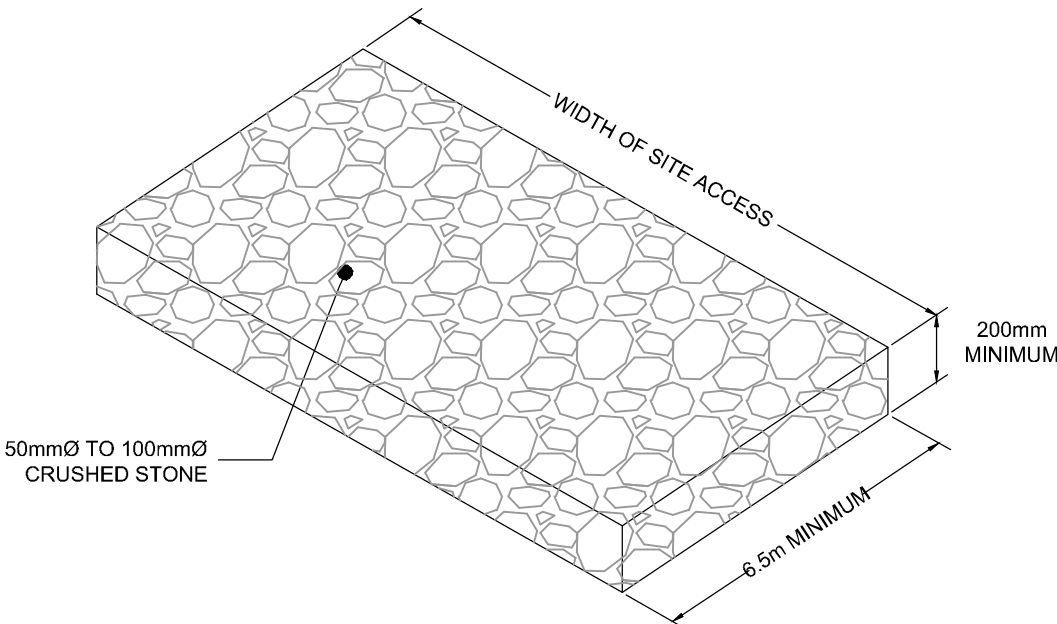
REFER TO 122167-ND FOR ADDITIONAL NOTES

### LEGEND

- PROPERTY LINE
- GRADE AND DIRECTION
- MAXIMUM 3:1 SIDESLOPE
- EMERGENCY OVERLAND FLOW ROUTE
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED BARRIER CURB (PER SC1.1)
- PROPOSED DEPRESSED CURB (PER SC1.1)
- PROPOSED INLET CONTROL DEVICE
- PROPOSED ROOF DRAIN
- PROPOSED RETAINING WALL
- PROPOSED BUILDING ENTRANCE
- BALCONES FROM LEVEL 1-3
- LIGHT DUTY SILT FENCE (OPSD 219.110)
- PROPOSED MUD MAT / CONSTRUCTION ENTRANCE
- PROPOSED FILTER BAGS AT CATCHBASINS
- EXISTING CONCRETE CURB
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCHBASIN
- EXISTING TREES / VEGETATION
- EXISTING UTILITY POLE CW/ GUY WIRES
- EXISTING FENCE
- EXISTING LIGHT STANDARD

### MUD MAT DETAIL

NOT TO SCALE



50mm to 100mm

CRUSHED STONE

WIDTH OF SITE ACCESS

200mm

MINIMUM

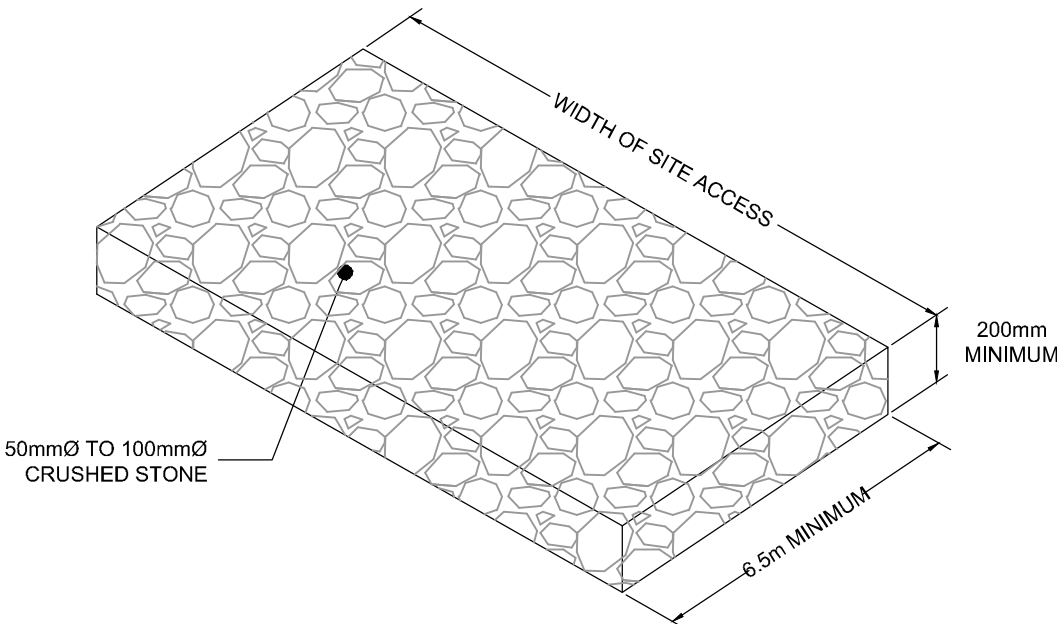
6.5m MINIMUM

50mm to 100mm

CRUSHED STONE

### MUD MAT DETAIL

NOT TO SCALE



200mm

MINIMUM

6.5m MINIMUM

50mm to 100mm

CRUSHED STONE

WIDTH OF SITE ACCESS