GENERAL NOTES:

- 1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
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- LIABILITY INSURANCE FOR \$2,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS

5. 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 AND ENGINEER. 6. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL
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12. SAW CUT AND KEYGRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS

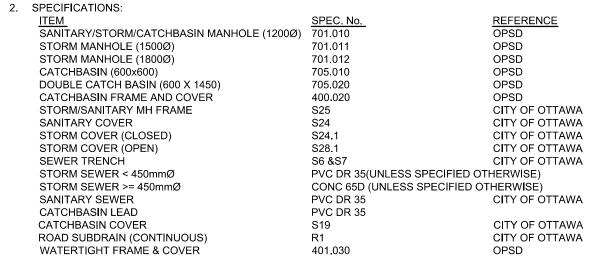
(R10 AND R25). 13. PROVIDE LINE/PARKING PAINTING.

CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.

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- 15. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES.

SEWER NOTES:

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



- 2. INSULATE ALL PIPES (SAN/STM) THAT HAVE LESS THAN 2.0m COVER WITH 50mmX1200mm HI-40 INSULATION. PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION (REFER TO DETAIL)
- 3. SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0% (2.0% PREFERRED)
- 4. ALL STORM AND SANITARY LATERALS SHALL BE EQUIPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTTAWA STANDARD DETAILS S14 AND S14,1 OR S14.2.
- 5. A MINIMUM OF 150 mm OF OPSS GRANULAR A SHOULD BE PLACED FOR BEDDING FOR SEWER OR WATER PIPES WHEN PLACED ON SOIL SUBGRADE. IF THE REDDING IS PLACED ON REDROCK, THE THICKNESS OF THE REDDING SHOULD BE INCREASED TO 300 mm FOR SEWER PIPES. THE BEDDING SHOULD EXTEND TO THE SPRING LINE OF THE PIPE. COVER MATERIAL, FROM THE SPRING LINE TO A MINIMUM OF 300 mm ABOVE THE OBVERT OF THE PIPE SHOULD CONSIST OF OPSS GRANULAR A (CONCRETE OR PSM PVC PIPES) OR SAND (CONCRETE PIPE). THE BEDDING AND COVER MATERIALS SHOULD BE PLACED IN MAXIMUM 225 mm THICK LIFTS AND COMPACTED TO 95% OF THE SPMDD. THE USE OF CLEAR CRUSHED STONE AS A BEDDING LAYER SHALL NOT BE PERMITTED
- 6. WHERE HARD SURFACE AREAS ARE CONSIDERED ABOVE THE TRENCH BACKFILL, THE TRENCH BACKFILL MATERIAL WITHIN THE FROST ZONE (ABOUT 1.8 m BELOW FINISHED GRADE) SHOULD MATCH THE SOILS EXPOSED AT THE TRENCH WALLS TO REDUCE THE POTENTIAL DIFFERENTIAL FROST HEAVING. THE TRENCH BACKFILL SHOULD BE PLACED IN MAXIMUM 300 mm
- THICK LOOSE LIFTS AND COMPACTED TO A MINIMUM OF 95% OF THE SPMDD. 7. FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTING PIPES TO MANHOLES (FOR EXAMPLE KOR-N-SEAL, PSX: POSITIVE
- SEAL AND DURASEAL). THE CONCRETE CRADLE FOR THE PIPE CAN BE ELIMINATED. 8. ALL STORM MANHOLES MANHOLES WITH PIPE SIZES LESS THAN 900mm ARE TO HAVE 300mm SUMPS UNLESS OTHERWISE
- INDICATED. ALL STORM MANHOLES WITH PIPE SIZES 900mm AND LARGER ARE TO BE BENCHED. 9. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS 200mm OR GREATER IN DIAMETER PRIOR TO BASE COURSE ASPHALT TO ENSURE THAT THEY ARE CLEAN AND OPERATIONAL. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES AND RE CCTV PRIOR TO ACCEPTANCE. OBTAIN
- APPROVAL FROM THE CITY'S SEWER OPERATIONS. PROVIDE THE CCTV INSPECTION AND REPORT TO THE ENGINEER FOR REVIEW AND APPROVAL. 10. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL APPLICABLE SERVICING AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS,

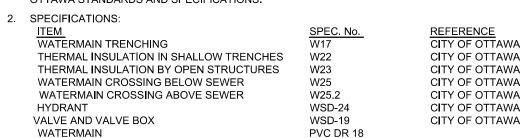
SLOPES, INVERT AND T/G ELEVATIONS, STRUCTURE LOCATIONS AND ANY ALIGNMENT CHANGES, ETC.

- 11. 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 OPSS 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.
- 12. ALL CATCHBASINS AND CATCHBASIN MANHOLES TO BE PROVIDED WITH MINIMUM 3 METER LONG PERFORATED SUBDRAINS EXTENDING IN TWO DIRECTIONS AT THE SUBGRADE LEVEL. SUBDRAIN IS TO BE PROVIDED AT THE TRANSITIONS BETWEEN DIFFERENT PAVEMENT COMPOSITIONS. THE SUBGRADE SURFACE SHOULD BE SHAPED TO PROMOTE WATER FLOW TO THE
- 11. ALL WORKS SHALL BE PERFORMED AS APPLICABLE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD SPECIFICATIONS, AND IN PARTICULAR O.P.S.S. 407 AND 410.

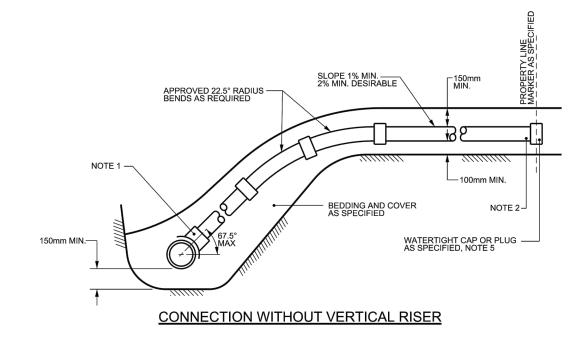
WATERMAIN NOTES:

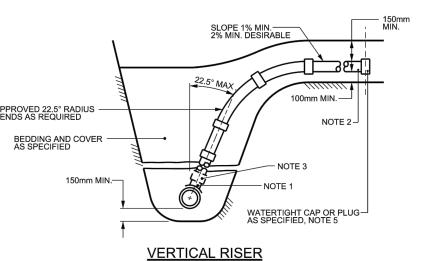
UTILITIES WHEN CROSSING.

1. SUPPLY AND CONSTRUCT ALL WATERMAIN AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.



- 3. SUPPLY AND CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARD 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, ANY WATERMAIN WITH LESS THAN 2.4m COVER TO BE INSULATED PER THE SEWER AND WATERMAIN NOTES AND DETAIL
- 4. PROVIDE MINIMUM CLEARANCE, BETWEEN OUTSIDE OF PIPES, AT ALL CROSSINGS AS PER CITY DETAILS W25 AND W25.2. WATERMAIN MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.25m OVER AND 0.50m UNDER SEWERS AND ALL OTHER
- 5. WATER SERVICE IS TO BE CONSTRUCTED TO WITHIN 1.0m OF FOUNDATION WALL AND CAPPED, UNLESS OTHERWISE
- 6. CATHODIC PROTECTION REQUIRED FOR ALL IRON FITTINGS CITY OF OTTAWA STANDARD DETAILS WSD-39, 40, 41, 42, 43 AND
- 8. IF WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS LESS THAN HALF THAT RECOMMENDED BY THE MANUFACTURER.





- . ALL DIAMETERS OF SERVICE CONNECTIONS THAT HAVE NOMINAL DIAMETERS NO GREATER THAN 50% OF THE NOMINAL DIAMETER OF THE RIGID SEWER PIPE SHALL BE MADE USING A BELL END INSERT AS PER \$11.2 OR AN APPROVED RUBBER GASKETED INSERT, INSTALLED ABOVE THE SPRING LINE.
- . SANITARY SERVICES TO BE 135mm AND STORM SERVICES TO BE 100mm FOR NEW RESIDENCES UNLESS SPECIFIED OTHERWISE. SERVICE PIPE AND RADIUS BENDS TO BE APPROVED CSA B182.2, SDR28 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 RISER SHALL BE SAME AS SERVICE PIPE UNLESS OTHERWISE SPECIFIED.
- CAP OR PLUG AT THE PROPERTY LINE SHALL BE ADEQUATELY BRACED TO WITHSTAND TESTING PRESSURE. S. FOR NEW CONSTRUCTION, INSERTS MUST BE INSTALLED ON THE MAIN PIPE BEFORE THAT PIPE IS LAID. FOR SERVICES/BRANCHES 375mm DIA. OR LESS. APPROVED "CORED TEES" MAY BE USED.
- 7. APPROVED CUT-IN TOOL MUST BE USED FOR FIELD MADE CONNECTIONS.

STORM SEWER

8. ALL DIMENSIONS ARE IN MIL	LIMETRES UNLESS OTHERWISE SHOWN.		N.T.
K	SEWER SERVICE CONNECTIONS	DATE:	MARCH 2006
Ottawa	FOR RIGID MAIN SEWER PIPE	REV. DATE:	MARCH 2014
Juayya	(MODIFIED OPSD-1006.010)	DWG. No.:	S11

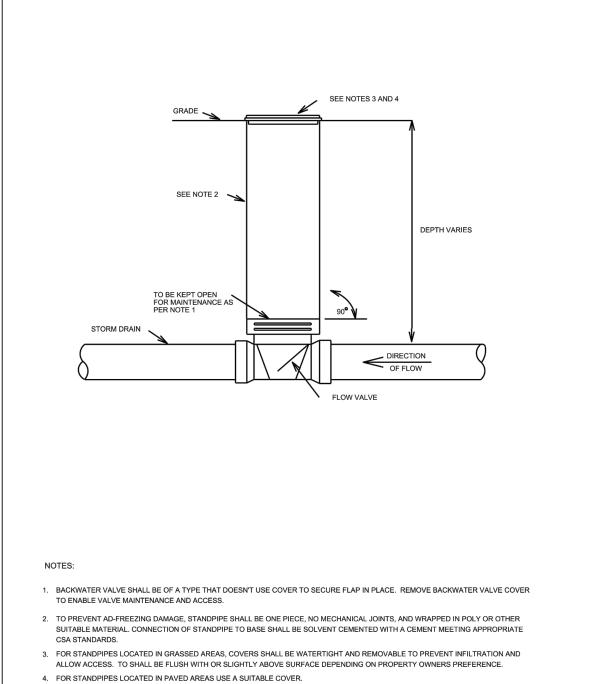
CBMH (SEE NOTE 9)

— SEE NOTES FOR SLOPES

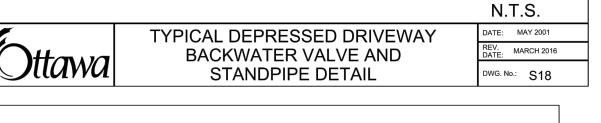
— 25mm CLEAR STONE

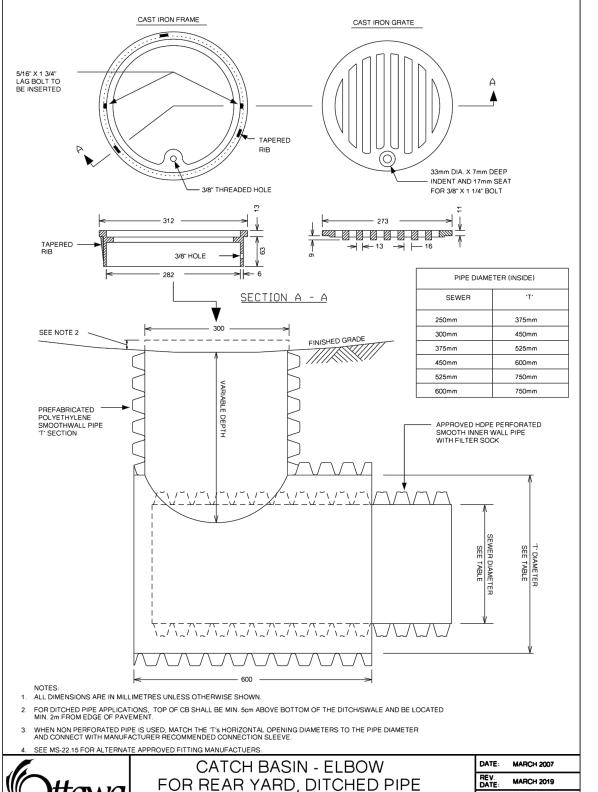
GEOTEXTILE - SEE NOTE 4 (300mm OVERLAP ON TOP)

SMOOTH INNER WALL PIPE WITH FILTER SOCK 250mm MIN



5. SEE MS 22.15 FOR APPROVED PRODUCTS.





AND LANDSCAPING APPLICATIONS

APPROVED

By Kersten Nitsche at 2:48 pm, May 12, 2025

KERSTEN NITSCHE, MCIP RPP MANAGER (A), DEVELOPMENT REVIEW WEST PLANNING, DEVELOPMENT AND BUILDING SERVICES **DEPARTMENT, CITY OF OTTAWA**

AREA DRAIN TABLE (PHASE 1)				
O No. T/G ELEVATION INVERT				
001 94.35 REFER TO MECHANICAL FOR CO	NNECTION DETAILS			

LANDSCAPE DRAIN TABLE (PHASE 1) LD. No. T/G ELEVATION INVERT NE=93.20 2000 94.70 94.25 SW=93.66

CA ⁻	TCHBASI	N MAI	NHOLE TA	BLE
CBMH ID	STATION	SIZE (mm)	T/G ELEV (m)	INVERT (m)
110	1+088.14	1200	94.60	NE=92.86

	CATCH	HBASIN T	ΓABLE (F	PHASE 1))			
CB ID	STATION	SIZE (mm)	T/G ELEV (m)	INVERT (m)	ICD DIA (mm)			
01	1+047.60	610X1450	93.95	NE=92.77	152			
02	1+047.60	610X1450	93.95	SW=92.77	178			
03	1+095.25	610X610	94.89	NE=93.67	83			
04	1+095.25	610X610	94.85	SW=93.67	83			

ı					
	STM	MANHO	LE TABL	E (PHAS	E 1)
	MANHOLE ID	STATION	SIZE (mm)	T/G ELEV (m)	INVERT (m)
	102	1+037.92	1800mmØ	94.05	NW=92.36 SE=92.28 SW=92.66 NE=92.65
	103	1+057.70	1500mmØ	94.06	NW=92.50 SE=92.42 SW=92.78
	104	1+087.73	1500mmØ	94.70	NW=92.73 SE=92.58 NE=92.85 SW=92.78

MANHOLE ID STATION SIZE (mm) T/G ELEV (m) MODEL	(PHASE 1)	TABLE (I	OGS		
	I MODEL			STATION	MANHOLE ID
101 1+034.27 1800mmØ 94.09 NW=92.27 STORMCEPTOR MC	NW=92.27 SE=92.26 STORMCEPTOR MODEL EF06	94.09	1800mmØ	1+034.27	101

PROPOSED WATER SERVICE (1+000.0)					
STATION	SURFACE ELEVATION	T/WM ELEVATION	COMMENTS		
1+000.0	94.10	91.70	CONNECTION TO PROPOSED 200mmØ SERVICE		
1+004.7	94.12	91.65	CROSS BELOW 675mm STM AS PER CITY OF OTTAWA DETAIL W25.2 (CLEARANCE =0.50)		
1+012.8	94.31	91.91	V&VB		
1+014.5	94.25	91.80	CAP SERVICE 1.0m FROM THE FOUNDATION WA		
	PROP	OSED WAT	ER SERVICE (2+000.0)		
STATION	SURFACE ELEVATION	T/WM ELEVATION	COMMENTS		
2+000.0	93.98	90.42	CONNECTION TO EXITING 300mm DI WATERMAII		
2+013.9	94.35	91.80	V&VB		
2+015.0	94.38	91.80	CAP SERVICE 1.0m FROM THE FOUNDATION WA		

SAN MANHOLE TABLE (PHASE 1)							
NHOLE ID	STATION	SIZE (mm)	T/G ELEV (m)	INVERT (m)			
701	3+027.74	1200mmØ	94.35	NW=91.61 SE=91.60			

SEWER & WATERMAIN INSULATION NOTES:

1. SIDE SLOPE OF SWALE - MIN. 1.5%, MAX. 3:1.

8. MAXIMUM REAR YARD WATER DEPTH IS 300mm.

2. LONGITUDINAL SLOPE OF SWALE WITHOUT PERFORATED PIPE 1.5% MIN.

7. GEOTEXTILE SHALL BE APPROVED NON-WOVEN CLASS 1 OR AS SPECIFIED.

3. LONGITUDINAL SLOPE OF SWALE WITH PERFORATED PIPE 0.5% MIN. WITH 1% OR GREATER PREFERRED.

5. CB "T" TO BE SPACED ABOUT EVERY 20 TO 25m AND LOCATED 1m OFF REAR YARD AND SIDE YARD PROPERTY LINES.

4. UNDER DRIVEWAYS NON PERFORATED PIPE TO BE USED WITH 75mm BEDDING AND BACKFILLED WITH APPROVED NATIVE MATERIAL.

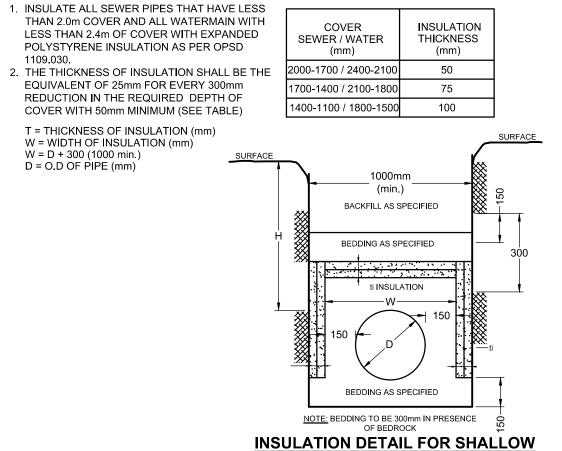
9. A STANDARD CATCHBASIN NO DEEPER THAN 2.4m OR A CATCHBASIN MAINTENANCE HOLE. STANDARD FRAMES C/W PERFORATED N.T.S.
OR SOLID COVER AS SPECIFIED. STANDARD ICD'S AS SPECIFIED

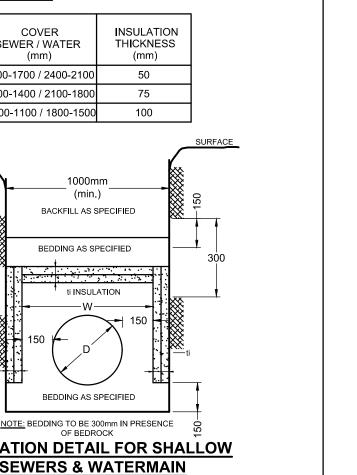
PERFORATED PIPE INSTALLATION

FOR REAR YARD AND

LANDSCAPING APPLICATIONS

6. CB ELBOW TO BE AT UPPER ENDS OF PERFORATED PIPE AND LOCATED 1m OFF REAR YARD AND SIDE YARD PROPERTY LINES.

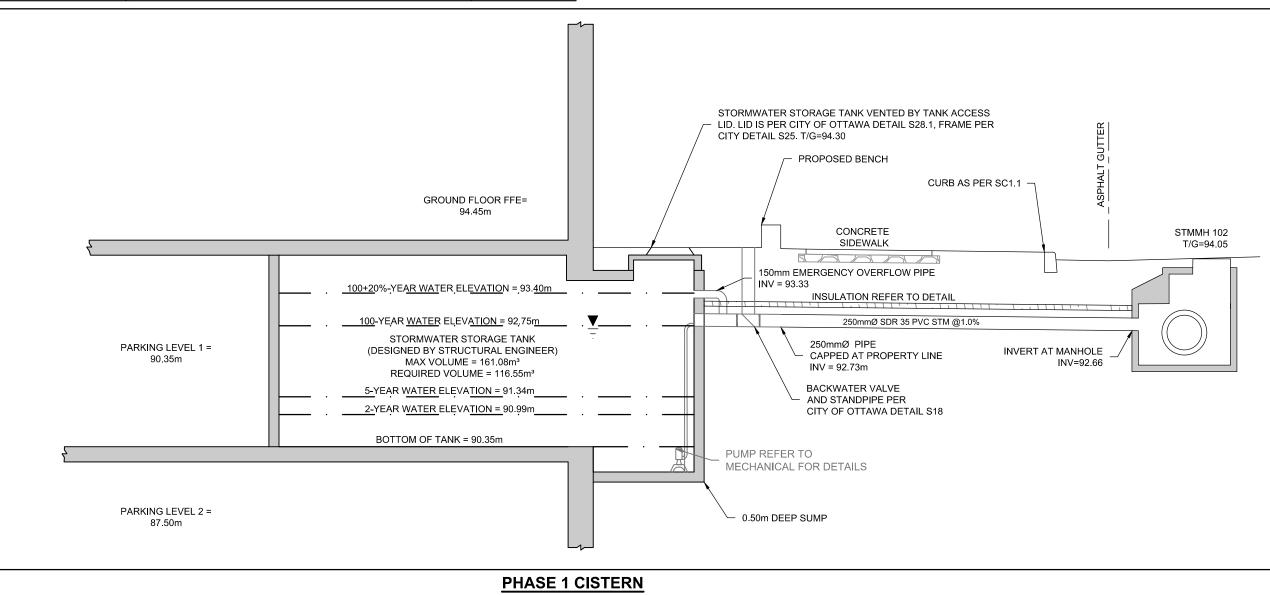




MARCH 2007

MARCH 2019

S29



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.

CLARIDGE HOMES CLARIDGE HOMES

2ND FLOOR

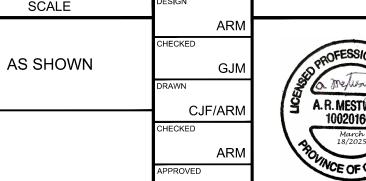
K1S 4N7

505 PRESTON STREET. OTTAWA , ONTARIO



NOT FOR CONSTRUCTION

7.	REVISED PER CITY COMMENTS	MAR 18/2025	ARM	
6.	REVISED PER CITY COMMENTS	NOV 29/2024	GJM	
5.	REVISED PER CITY COMMENTS	SEPT 27/2024	GJM	
4.	REVISED PER CITY COMMENTS	MAR 21/2024	GJM	
3.	REISSUED PHASE 1 ONLY	OCT 27/2023	GJM	
2.	REVISED AND ISSUED FOR CITY APPROVAL	DEC 09/2022	GJM	
1.	ISSUED WITH SITE PLAN APPLICATION	SEPT 03/2021	JAG	
No.	REVISION	DATE	BY	









1500 MERIVALE 1500 MERIVALE, CITY OF OTTAWA

DRAWING NAME NOTES AND DETAILS GENERAL SERVICING (PHASE 1)

121009 REV#7 21009-NDGP1

CITY PLAN No. 18612

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- 15. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES.

GRADING NOTES:

1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED BUILDING AND PAVED AREAS.

2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER . IF SOFT SPOTS DEVELOP IN THE SUBGRADE DURING COMPACTION OR DUE TO CONSTRUCTION TRAFFIC, THE AFFECTED AREAS SHOULD BE EXCAVATED AND REPLACED WITH OPSS GRANULAR B TYPE II MATERIAL. THE PAVEMENT GRANULAR BASE AND SUBBASE SHOULD BE PLACED IN MAXIMUM 300 mm THICK LIFTS AND COMPACTED TO A MINIMUM OF 98% OF THE MATERIAL'S SPMDD USING SUITABLE VIBRATORY EQUIPMENT.

3. NON-SPECIFIED EXISTING FILL, ALONG WITH SITE-EXCAVATED SOIL, CAN BE USED AS GENERAL LANDSCAPING FILL WHERE SETTLEMENT OF THE GROUND SURFACE IS OF MINOR CONCERN. THIS MATERIAL SHOULD BE SPREAD IN THIN LIFTS AND AT LEAST COMPACTED BY THE TRACKS OF THE SPREADING EQUIPMENT TO MINIMIZE VOIDS. IF THIS MATERIAL IS TO BE USED TO BUILD UP THE SUBGRADE LEVEL FOR AREAS TO BE PAVED, IT SHOULD BE COMPACTED IN THIN LIFTS TO AT LEAST 95% OF THE MATERIAL'S SPMDD.

3. THE PAVEMENT GRANULAR BASE AND SUBBASE SHOULD BE PLACED IN MAXIMUM 300mm THICK LIFTS AND COMPACTED TO A MINIMUM OF 98% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.

- 4. ALL CURBS AND SIDEWALKS TO BE BUILT AS PER CITY OF OTTAWA DETAIL DRAWINGS SC1.4 AND SC4.
- 5. GRADE AND/OR FILL BEHIND PROPOSED CURB AND BETWEEN BUILDINGS AND CURBS, WHERE REQUIRED TO PROVIDE POSITIVE DRAINAGE.
- 6. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
- 7. ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
- 8. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.

SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

9. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING THE AS-BUILT ELEVATION OF EVERY DESIGN GRADE SHOWN ON THIS PLAN.

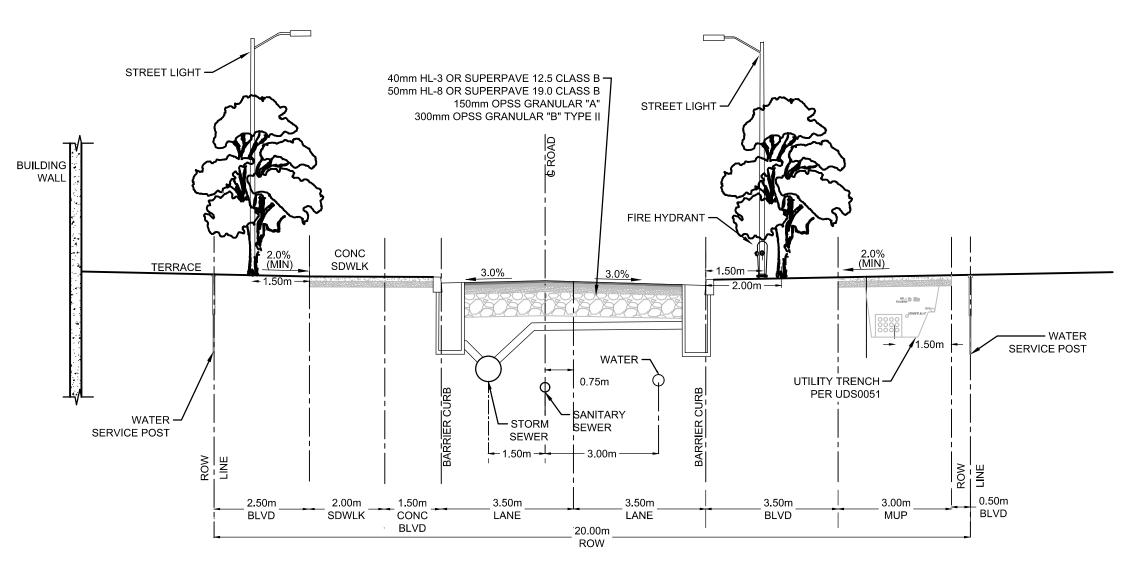
EROSION AND SEDIMENT CONTROL NOTES

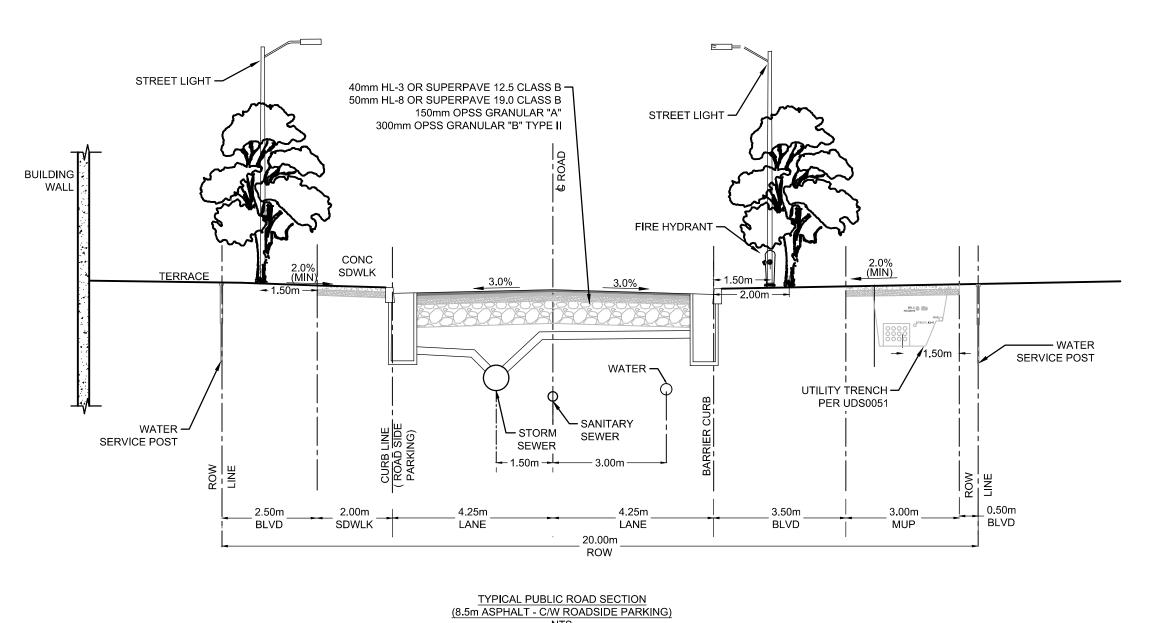
- 1. THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION 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.
- 2. THE CONTRACTOR SHALL PLACE FILTER CLOTH UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
- 3. SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
- 4. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE

APPROVED

By Kersten Nitsche at 2:48 pm, May 12, 2025

KERSTEN NITSCHE, MCIP RPP MANAGER (A), DEVELOPMENT REVIEW WEST PLANNING, DEVELOPMENT AND BUILDING SERVICES **DEPARTMENT, CITY OF OTTAWA**





2% SLOPE (SEE NOTE 2 100mm CONCRETE SURFACE GRANULAR "A" FACE OF CURB -SECTION A-A-LIMIT OF EXCAVATION MAX 300mm--100mm GRANULAR "A" DOWELS 300mm LONG @4.0m INTERVALS I PANSION JOINTS 6.0mm PREMOULDED SEE NOTE 6-125 2% SLOPE (SEE NOTE 7) TYPICAL SIDEWALK SECTION CONCRETE SIDEWALK CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE - UNCONTROLLED INTERSECTION REINFORCING MESH -FACE OF CURB -- 150mm CONCRETE SURFACE ─ GRANULAR "A" - LIMIT OF EXCAVATION SECTION B-B BEHIND HYDRANT -SEE NOTE 5 — CONCRETE SUPPORT (SEE NOTE 2) 150mm BARRIER CURB-<u>→</u> 1.5m 150mm CONCRETE SURFACE HYDRANTS IN GRASSED AREAS 150mm GRANULAR "A" DOWELS 300mm LONG @4.0m INTERVALS IN PANSION JOINTS 6.0mm PREMOULDED CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE WITH BOULEVARD - UNCONTROLLED INTERSECTION DROP CURB HEIGHT — (SEE NOTE 4) **CONCRETE BARRIER CURB** SECTION A - A SECTION AT PRIVATE ENTRANCE AND PEDESTRIAN RAMPS SIDEWALK . CONCRETE AND GRANULAR "A" IS TO BE INCREASED TO 150mm AT THE ENTRANCE AND 150x150mm MW9.1 x MW9.1 tourb ===== REINFORCING MESH IS TO BE PLACED MID DEPTH WITHIN DRIVEWAY ACCESS. CURB RAMP WIDTH MATCH SIDEWALK WIDTH, BE A MINIMUM OF 1.5m WIDE.
 FOR TRANSITION AREA, MAXIMUM SLOPE OF 2%.
 ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
 DEPRESSED CURB HEIGHT SHALL BE 0 TO 6mm FOR PEDESTRIAN CURB RAMPS
 AND 0 TO 25mm FOR PRIVATE ENTRANCES, OR EQUAL HEIGHT OF CROSSWALK WHERE APPLICABLE.
 SUBJECT TO AVOIDANCE OF MEDIANS, CROSSWALK LINES TO CENTRED ON THE CURB RAMP.
 APPROVED 610 x WIDTH OF CURB RAMP (1500 MIN.) TACTILE WALKING SURFACE INDICATOR (TWSI),
 RADIUS TO MATCH CURB. DRAIN GROOVES ASPER SCT.
 FOR CURB RAMPS SLOPE OF 2% TO 5% MAXIMUM 8%.
 FOR RETROFIT APPLICATIONS ONLY.
 150 TO 200mm GAP. FOR MONOLITHIC SIDEWALK, TWSI SHALL BE 300 TO 350mm BACK FROM CURB FACE.
 REFER TO R15 AND 15.1 FOR RAISED CROSSWALK AND R15.2 AT - GRADE CONCRETE CROSSWALK. 2. TRANSVERSE EXPANSION JOINTS ARE REQUIRED AT THE ENDS, THE MIDPOINT, AT INTERVALS OF 4m MAXIMUM, AND ALSO TO ISOLATE OBSTRUCTIONS FROM SIDEWALK, HYDRANTS, POLES, BUILDINGS, ETC. 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE. 5. WHEN THE OVERALL SIDEWALK WIDTH EXCEEDS 2.5m, A LONGITUDINAL CONSTRUCTION JOINT SHALL BE CREATED AT ITS 1. THE FULL CURB DEPTH SHALL BE CARRIED THROUGH THE DEPRESSED ACCESS CROSSING. 2. CURB DETAILS SEE SC1.1, SC1.2 AND SC1.3. 2. A CONCRETE SUPPORT IS REQUIRED WHEN BUILT ADJACENT TO THE SIDEWALK. 3. SIDEWALK DETAILS SEE SC2 AND SC3. 4. EDGES AND JOINTS ARE TO BE FINISHED WITH A 75mm EDGING TOOL. 4. MAXIMUM SLOPE VARIES, SEE PRIVATE APPROACH BYLAW. 5. ALL CONCRETE SIDEWALKS ARE TO HAVE A BROOM FINISH UNLESS OTHERWISE SPECIFIED.). IF AN EXTRUSION CURBING MACHINE IS USED, THE EXPANSION BITUMINOUS MATERIAL AND THE #15 DOWELS ARE TO BE PLACED AT THE END OF THE EXTRUSION. 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE 5. UNCONTROLLED INTERSECTION MEANS AN ENTRANCE NOT LOCATED AT A TRAFFIC SIGNAL OR ALL-WAY STOP CONTROL. 1. REFER TO CONSTRUCTION SPECIFICATION F-4414 6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE. 2. THE MAXIMUM SLOPE IS NOT TO EXCEED 2%. 4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE. 7. THE MAXIMUM SLOPE IS NOT TO EXCEED 2% 3. FOR CURB RAMPS, SLOPE OF 2% TO 5%, MAXIMUM 8% 3. INSTALL DUMMY TRANSVERSE JOINTS AS REQUIRED SO THERE IS A MAXIMUM SPACING OF 2m BETWEEN ALL JOINTS. 5. DUMMY JOINTS SHALL BE 25mm DEEP, FRONT, BACK AND TOP OF SECTION AT 4m SPACING OR MATCH JOINTING WHERE SIDEWALK IS ADJACE 4. EXPANSION AND DUMMY JOINTS AS PER SC5. 9. SIDEWALK NOT TO BE DEPRESSED ACROSS DRIVEWAY ACCESSES. 6. FOR DEPRESSED CURB AT ENTRANCES USE 250. 10. EXPANSION AND DUMMY JOINTS AS PER SC5 5, DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 13 mm. 7. DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 13 mm CONCRETE BARRIER CURB JANUARY 2003

DATE: MAY 2001

REV. MARCH 2016

DWG. No.: SC4

TYPICAL CONCRETE SIDEWALK

IN BOULEVARD

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.

CLARIDGE HOMES

FOR GRANULAR BASE PAVEMENT

(MODIFIED OPSD-600.110)

CLARIDGE HOMES 505 PRESTON STREET, 2ND FLOOR OTTAWA , ONTARIO K1S 4N7

CLARIDGE H·O·M·E·S



SC1.4

CONCRETE BARRIER CURB

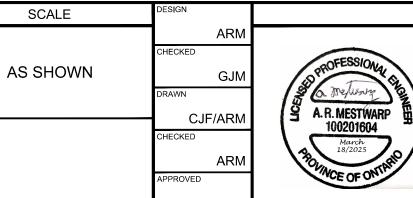
WITH SIDEWALK

REVISED PER CITY COMMENTS	MAR 18/2025
REVISED PER CITY COMMENTS	NOV 29/2024
REVISED PER CITY COMMENTS	SEPT 27/2024
REVISED PER CITY COMMENTS	MAR 21/2024
REISSUED PHASE 1 ONLY	OCT 27/2023
REVISED AND ISSUED FOR CITY APPROVAL	DEC 09/2022
ISSUED WITH SITE PLAN APPLICATION	SEPT 03/2021

REVISION

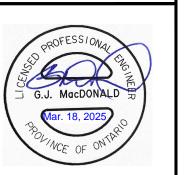
INTERSECTION WITH BOULEVARD

DATE



DATE: MARCH 2007

DWG. No.: SC7.2



. MARCH 2021

Engineers, Planners & Landscape Architects Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6 Telephone Facsimile (613) 254-9643 (613) 254-5867 Website www.novatech-eng.com

1500 MERIVALE 1500 MERIVALE, CITY OF OTTAWA

HYDRANT LOCATION

DRAWING NAME NOTES AND DETAILS GRADING PLAN (PHASE 1)

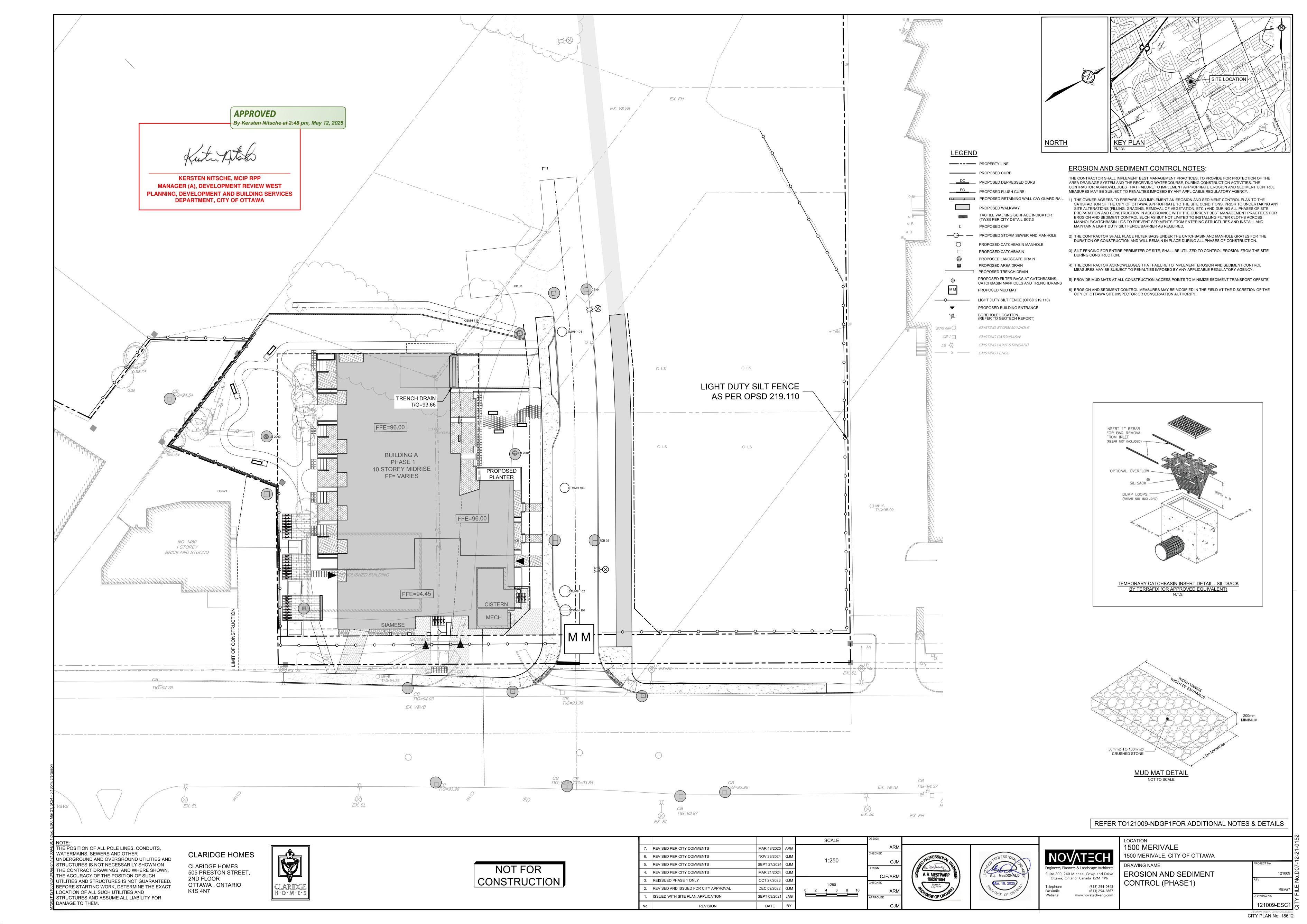
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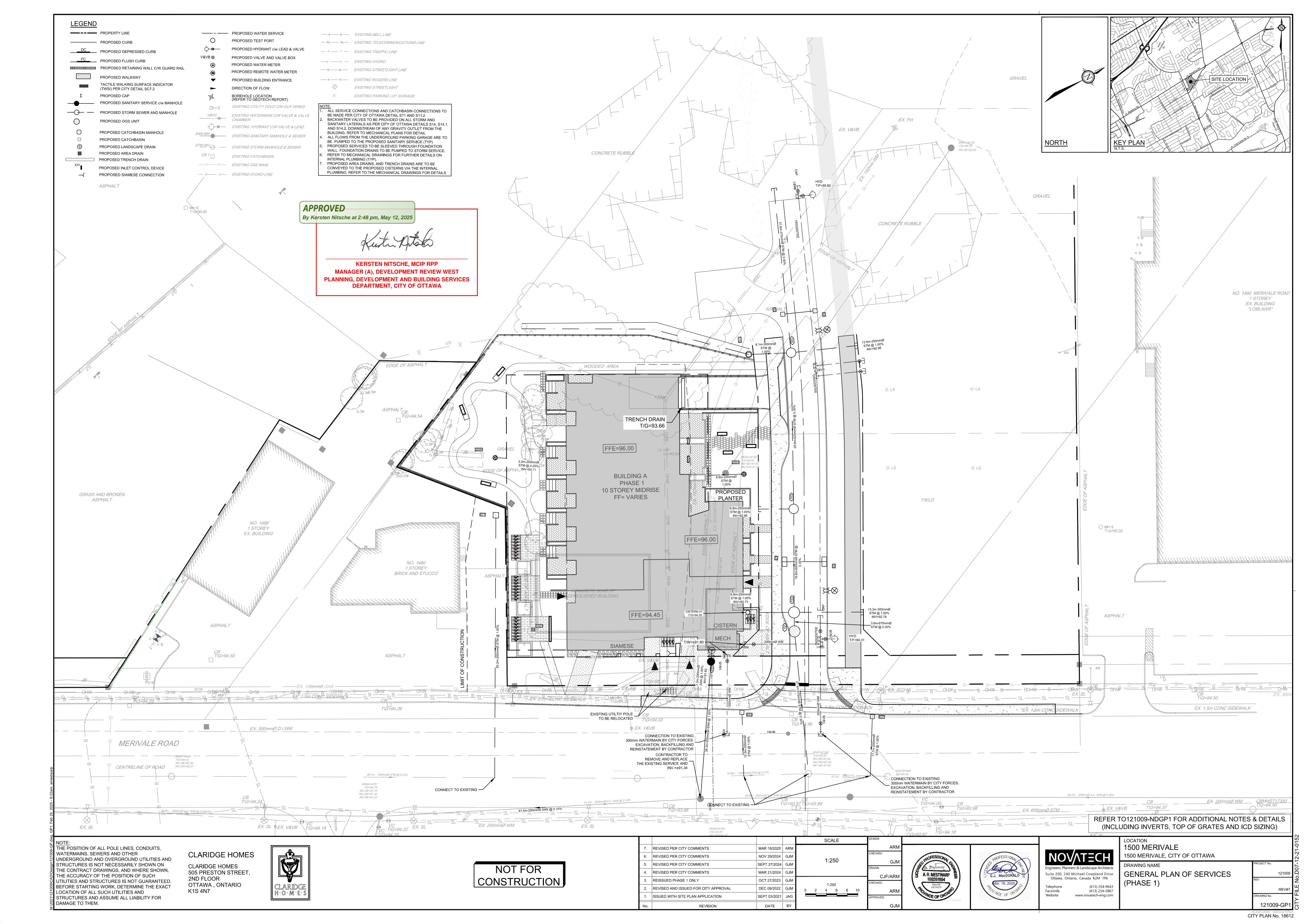
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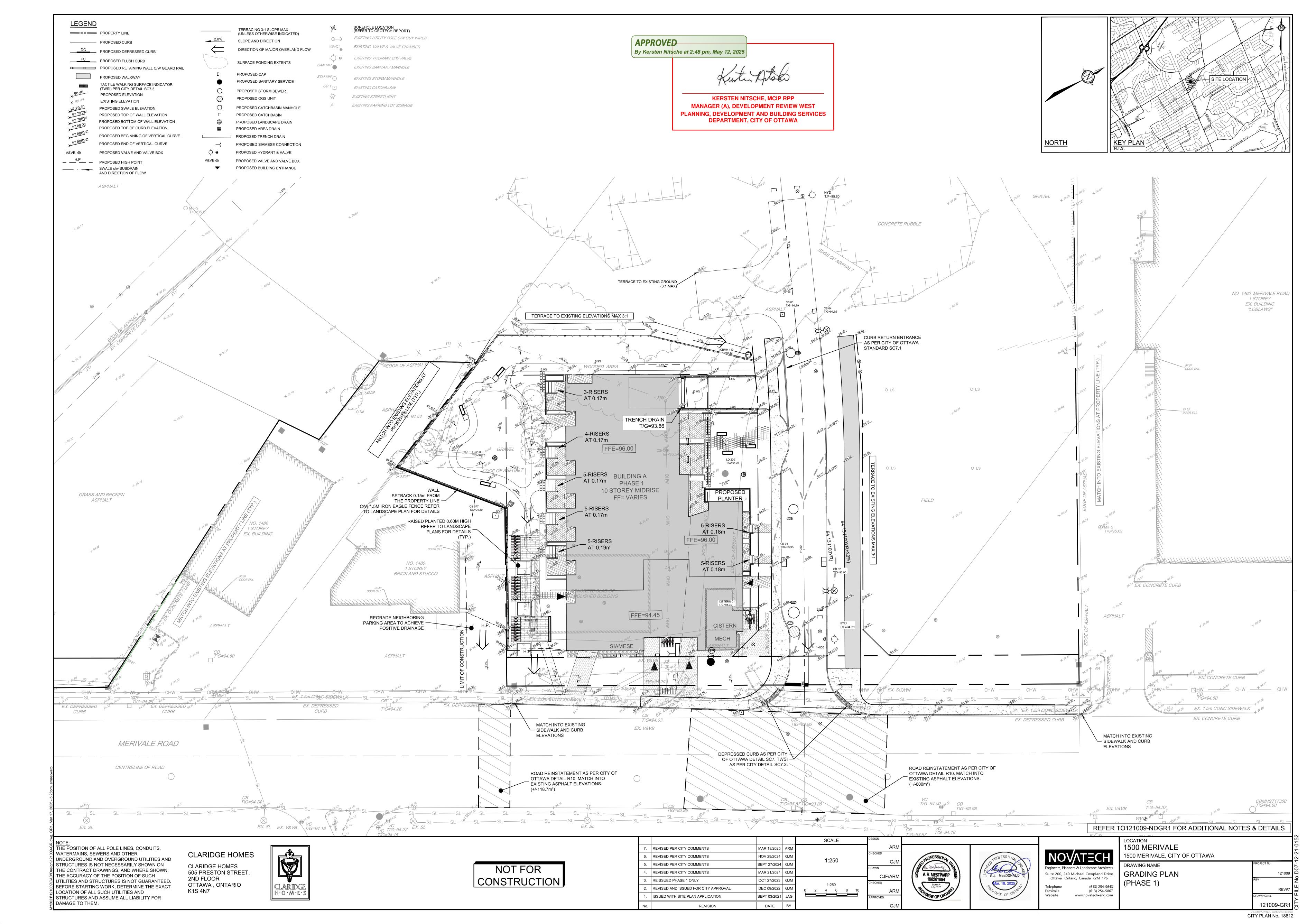
21009-NDGR1 CITY PLAN No. 18612

121009

REV#7







EXISTING UTILTIY POLE 17 CONTRACTOR TO
REMOVE AND REPLACE
THE EXISTING SERVICE AND INV.=±91.34 CONNECTION TO EXISTING 300mm WATERMAIN BY CITY FORCES. SITE LOCATION EXCAVATION, BACKFILLING AND REINSTATEMENT BY CONTRACTOR CONNECT TO EXISTING CONNECTION TO EXISTING 300mm WATERMAIN BY CITY FORCES. EXCAVATION, BACKFILLING AND **NORTH** REINSTATEMENT BY CONTRACTOR STM @ 1.00% PVI STA: 1+060 PVI ELEV: 93.89 LVC: 49.01 _ MATCH INTO EXISTING K: 12.00 MATCH INTO __ EX. ELEVATIONS MATCH INTO _ EX. ASPHALT ELEVATIONS _ CAP STM AND WATERMAIN STM @ 0.37% INV=91.90 11.25° BEND CAP PROPOSED SERVICES 1.0M FROM
THE FOUNDATION WALL REMOVE AND ► REPLACE EXISTING 200mm AC SERVICE OGS UNIT TO BE WRAPPED IN A BLUE SKIN MEMBRANE TO PREVENT CONNECTION TO EXISTING CONNECTION TO EXISTING
300mm D.I. WATERMAIN BY CITY FORCES.
EXCAVATION, BACKFILLING AND
REINSTATEMENT BY CONTRACTOR 300mm D.I. WATERMAIN BY CITY FORCES.
EXCAVATION, BACKFILLING AND
REINSTATEMENT BY CONTRACTOR PROPOSED ELEVATION PROPOSED PROPOSED PROPOSED ELEVATION ELEVATION ELEVATION TOP OF WM ELEVATION TOP OF WM ELEVATION ELEVATION 3 STORM SEWER INVERTS STORM SEWER INVERTS STORM SEWER SEWER INVERTS INVERTS SANITARY SEWER INVERTS SANITARY SANITARY SANITARY SEWER INVERTS SEWER SEWER INVERTS INVERTS EXISTING ELEVATION EXISTING **EXISTING EXISTING** ELEVATION ELEVATION ELEVATION \$ CHAINAGE CHAINAGE CHAINAGE , REFER TO121009-NDGP1FOR ADDITIONAL NOTES & DETAILS SCALE LOCATION

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CLARIDGE HOMES **CLARIDGE HOMES**

505 PRESTON STREET,

OTTAWA , ONTARIO

2ND FLOOR

K1S 4N7

APPROVED

KERSTEN NITSCHE, MCIP RPP MANAGER (A), DEVELOPMENT REVIEW WEST PLANNING, DEVELOPMENT AND BUILDING SERVICES DEPARTMENT, CITY OF OTTAWA

By Kersten Nitsche at 2:49 pm, May 12, 2025



NOT FOR CONSTRUCTION

7.	REVISED PER CITY COMMENTS	MAR 18/2025	ARM	
6.	REVISED PER CITY COMMENTS	NOV 29/2024	GJM	0
5.	REVISED PER CITY COMMENTS	SEPT 27/2024	GJM	
4.	REVISED PER CITY COMMENTS	MAR 21/2024	GJM	
3.	REISSUED PHASE 1 ONLY	OCT 27/2023	GJM	
2.	REVISED AND ISSUED FOR CITY APPROVAL	DEC 09/2022	GJM	0
1.	ISSUED WITH SITE PLAN APPLICATION	SEPT 03/2021	JAG	=
No.	REVISION	DATE	BY	

1:500 HORIZONTAL CJF/ARM 0.5 1.0 1.5 2.0 VERTICAL





Engineers, Planners & Landscape Architects Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6 Telephone Facsimile Website (613) 254-9643 (613) 254-5867 www.novatech-eng.com

1500 MERIVALE 1500 MERIVALE, CITY OF OTTAWA

DRAWING NAME PLAN AND PROFILE STREET 1 1+000.00 - 1+125.00 &

REV#7 SANITARY SERVICE

121009-PR1 CITY PLAN No. 18612

121009