



The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

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Notes

2	ISSUED FOR SECOND SUBMISSION	JP	PM 26.08.31
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File Name: 160402276-DB	JP	PM	JP	26.02.05
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Permit-Sea

Client/Project

MATTAMY HOMES

WATERIDGE VILLAGE
BLOCK 23
OTTAWA, ON, CANADA

Title
NOTES AND LEGENDS PLAN

Project No. 160402276	Scale	
Drawing No.	Sheet	Revision

NL-1

1 of 14

2

PLAN # XXXXXX

1. ALL MATERIALS AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH OPS AND CITY OF OTTAWA STANDARD SPECIFICATIONS AND DRAWINGS AND OPSD SUPPLEMENT. ONTARIO PROVINCIAL STANDARDS WILL APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.

- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND BEAR COST OF SAME INCLUDING WATER PERMIT AND ASSOCIATED COSTS.
3. SERVICE AND UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATIONS FROM ALL UTILITY COMPANIES TO LOCATE EXISTING UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND REINSTATEMENT.
4. ALL DISTURBED AREAS SHALL BE REINSTATED TO EQUAL OR BETTER CONDITION TO THE SATISFACTION OF THE ENGINEER & THE CITY. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH OPSD 509.010 AND OPSF 310.
5. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATION FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
6. THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENTATION CONTROL PLAN THAT WILL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE PROTECTION FOR RECEIVING STORM SEWERS OR DRAINAGE DURING CONSTRUCTION ACTIVITIES. THIS PLAN SHALL INCLUDE BUT NOT BE LIMITED TO CATCH BASINS, INSERTS, STRAW BALE CHECK DAMS AND SEDIMENT CONTROLS AROUND ALL DISTURBED AREAS. DEWATERING SHALL BE PUMPED INTO SEDIMENT TRAPS.
7. SITE PLAN PREPARED BY KORSIAK URBAN PLANNING, DATED 2026-08-28, TITLED: SITE PLAN, DRAWING NO.A.
8. PLAN OF SUBDIVISION OF PART OF LOTS 21, 22 AND 23 CONCESSION 1 (TOWNSHIP FRONTIER) GEOGRAPHIC TOWNSHIP OF GLOUCESTER AND PART OF LOTS 15 AND 16 OF RESERVE BLOCKS 15 and 16 (TOWNSHIP FRONTIER) PLAN 4M-1651, CITY OF OTTAWA. SURVEYED BY ANNIS, O'SULLIVAN, VOLLEBECK LTD.
9. REFER TO LANDSCAPE ARCHITECTURE PLAN FOR ALL LANDSCAPING FEATURES (i.e. TREES, WALKWAYS, PARK DETAILS, NOISE BARRIERS, FENCES ETC).
10. GEOTECHNICAL INVESTIGATION: WATERIDGE WATERSHED PHASES 6, 7 & 8 OTTAWA, ONTARIO. PREPARED BY: PATERSON GROUP INC. REVISION 1 DATED AUGUST 26, 2026. REPORT NO P677373-1. GEOTECHNICAL INFORMATION PRESENTED ON THESE DRAWINGS MAY BE INTERPOLATED FROM THE ORIGINAL REPORT. REFER TO ORIGINAL GEOTECHNICAL REPORT FOR ADDITIONAL DETAILS AND TO VERIFY ASSUMPTIONS MADE OF OTTAWA.
11. STREET LIGHTING TO CITY OF OTTAWA STANDARDS.
12. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED. DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION, ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO ENGINEER.

1. ALL TOPSOIL AND ORGANIC MATERIAL TO BE STRIPPED FROM WITHIN THE FULL RIGID OF WAY PRIORITY TO CONSTRUCTION.
2. SUB-EVALEATE SUFF AREAS & FILL WITH GRANULAR "B" COMPACTED IN 0.30m LAYERS.
3. ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
4. ROAD SUBGRADNS SHALL BE CONSTRUCTED AS PER CITY OF OTTAWA STANDARD R1.
5. ASPHALT WEAR COURSE SHALL NOT BE PLACED UNTIL THE VIDEO INSPECTION OF SEWERS & NECESSARY REPAIRS HAVE BEEN CARRIED OUT TO THE SATISFACTION OF THE CONSULTANT.
6. CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT 48 HOURS PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD ALLOWANCE IF REQUIRED BY THE MUNICIPALITY. ALL WORK ON THE MUNICIPAL RIGHT OF WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING.

7. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD R10, AND OPSD 509.010, AND OPSS 310.
8. CONCRETE CURBS SHALL BE CONSTRUCTED AS PER CITY STANDARD SC1.1 AND SC1.3 (BARRIER OR MOUNTABLE CURB AS SHOWN ON DRAWINGS).
9. CONCRETE SIDEWALKS SHALL BE CONSTRUCTED AS PER CITY STANDARDS SC3 AND SC1.4.
10. PAVEMENT CONSTRUCTION AS PER GEOTECHNICAL INVESTIGATION. REFER TO GENERAL NOTE 10.

ACCESS LANES AND LOCAL ROADWAYS
40mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm HL8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm OPSS GRANULAR A BASE
450mm OPSS GRANULAR B TYPE II

CAR ONLY PARKING AREAS
50mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
150 OPSS GRANULAR 'A' BASE
300 OPSS GRANULAR 'B' TYPE II

1. THE CONTRACTOR SHALL CONSTRUCT WATERMAIN, WATER SERVICES, CONNECTIONS & APPURTENANCES AS PER CITY OF OTTAWA SPECIFICATIONS & SHALL CO-ORDINATE AND PAY ALL RELATED COSTS INCLUDING THE COST OF CONNECTION, INSPECTION & DISINFECTION BY CITY PERSONNEL.
2. WATERMAIN PIPE MATERIAL SHALL BE PVC CL150 DR18. DEFLECTION OF WATERMAIN PIPE IS NOT TO EXCEED 1/2 OF THAT SPECIFIED BY THE MANUFACTURER. PVC WATERMAINS TO BE INSTALLED WITH TRACER WIRE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W36.
3. WATER SERVICES ARE TO BE TYPE K SOTF COVERED AS PER CITY OF OTTAWA STANDARD W26 (UNLESS OTHERWISE NOTED). WATER SERVICE TO EXTEND 1.0M BEYOND PROPERTY LINE. STAND POST TO BE INSTALLED AT PROPERTY LINE.
4. FIRE HYDRANTS TO BE INSTALLED AS PER CITY OF OTTAWA STANDARDS W18 AND W19.
5. WATER VALVES TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD W24.

6. WATERMAIN TRENCH SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W17 UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL AS PER SECTION 6.4 OF THE GEOTECH REPORT REPLY.
7. SERVICE CONNECTIONS SHALL BE INSTALLED A MINIMUM OF 2400mm FROM ANY CATCHBASIN, MANHOLE, OR OBJECTION THAT MAY CONTRIBUTE TO FREEZING. THERMAL INSULATION SHALL BE INSTALLED ON ALL PROPOSED CBS ON THE W/M STREET SIDE WHERE 2400mm SEPARATION CANNOT BE ACHIEVED (AS PER CITY OF OTTAWA W23.2 & W23.3)
8. CATHODIC PROTECTION TO BE SUPPLIED ON METALLIC FITTINGS AS PER CITY OF OTTAWA W40 AND W42.
9. THRUST BLOCKS TO BE INSTALLED AS PER CITY OF OTTAWA STANDARDS W23.3 AND W24.4.
10. WATERMAIN TO HAVE MIN. 2.4m COVER. WHERE WATERMAIN COVER IS LESS THAN 2.4m, INSULATION TO BE SUPPLIED IN ACCORDANCE WITH CITY STANDARD W22.
11. WATERMAIN CROSSINGS ABOVE AND BELOW SEWERS TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD W25 AND W25.2.
12. PRESSURE REDUCING VALVES (PRVs) IF REQUIRED, TO BE INSTALLED AS PER OTTAWA PLUMBING CODE.
13. WATER SERVICES THAT ARE TO BE INSTALLED UNDER PORCH OR STOOP OF ENTRANCE ARE TO BE SLEEVED.

1. SANITARY SEWERS 375mm DIA. OR SMALLER SHALL BE PVC D35. SANITARY SEWERS LARGER THAN 375mm SHALL BE CONCRETE C35 A 257.2 CLASS 1000 AS PER OPSD 807.010.
2. STORM SEWERS 375mm DIA. OR SMALLER SHALL BE PVC D35. STORM SEWERS LARGER THAN 375mm DIA. SHALL BE CONCRETE C35 A 257.2 CLASS 1000+ AS PER OPSD 807.010
3. ALL STORM AND SANITARY SEWER BEDDING SHALL BE INSTALLED AS PER SECTION 6.4 OF THE GEOTECH REPORT.
4. STORM AND SANITARY MANHOLES SHALL BE 1200mm DIAMETER IN ACCORDANCE WITH OPSD-701.01 (UNLESS OTHERWISE NOTED) AND FRAME AND COVER AS CITY OF OTTAWA S24, S24.1, AND S25 WHERE APPLICABLE. CATCH BASIN MANHOLE FRAME AND COVERS PER S25 AND S28.1. ALL STORM MANHOLES WITH SEWERS 900mm DIA. SEWER MANHOLES SHALL BE 1200mm DIA. ALL OTHER STORM MANHOLES SHALL BE COMPLETED WITH 300mm SUMPS AS PER CITY STANDARDS. SANITARY MANHOLES SHALL NOT HAVE SUMPS.
5. ALL SEWERS CONSTRUCTED WITH GRADES 0.5% OR LESS, TO BE INSTALLED WITH LASER AND CHECKED WITH LEVEL INSTRUMENT PRIOR TO BACKFILLING.
6. FOR STORM SEWER INSTALLATION (EXCLUDING GB LEADS) THE MINIMUM DEPTH OF COVER OVER THE CROWN OF THE SEWER IS 2.0m. FOR SANITARY SEWERS THE MINIMUM DEPTH OF COVER IS 2.5m OVER PIPE OVERT.

- ALL STORM AND SANITARY SERVICES TO BE EQUIPPED WITH APPROVED BACKFLOW VALVES WITHIN THE BUILDING AS PER CITY STANDARD S14, S14.1, AND S14.2. BACKFLOW VALVES TO BE DESIGNED BY MECHANICAL CONSULTANT.
- STORM AND SANITARY SERVICE LATERALS TO BE SDR 28 INSTALLED AT MIN. 1.0% SLOPE.
- STORM AND SANITARY SEWER LATERALS THAT ARE TO BE INSTALLED UNDER PORCH OR STOOP OF ENTRANCE ARE TO BE SLEEVED.
- CATCH BASINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARDS S1, S2, S3 c/w FRAME AND GRATE AS PER S18, CURB INLET FRAME AND GRATE PER S22, AND S23. CATCH BASIN MANHOLES FRAME AND GRATE AS PER S25 FRAME AND S28.1 COVER. PROVIDE 150mm ADJUSTED SPACERS, ALL CATCH BASINS SHALL HAVE 200mm (8") DEPTH. SLOPE CATCH BASINS (600mm) SHALL BE 200mm DIA (MIN) PVC DR 35 AT 1.0% GRADE WHERE NOT OTHERWISE SPEC. CATCH BASINS WILL BE INSTALLED WITH CONTROL DEVICES (CD) AS PER ICD SCHEDULE ON STORM DRAINAGE PLAN.
- STREET CATCH BASINS TO BE INSTALLED c/w SUBIRANS 3m LONG IF FOUR ORTHOGONAL DIRECTIONS OR LONGITUDINALLY WHEN PLACED AS/4 C/CURB, AND AT AN ELEVATION OF 300mm ABOVE SUBGRADE LEVEL.
- REAR LOT PERFORATED PIPE TO BE INSTALLED AS PER CITY OF OTTAWA STANDARDS S29. REAR LOT STRUCTURES TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD W30 AND W31.
- CLAY SEALS TO BE INSTALLED AS PER CITY STANDARD DRAWING S8 THE SEALS SHOULD BE AT LEAST 1.5m LONG (IN THE TRENCH DIRECTION) AND SHOULD EXTEND FROM TRENCH WALL TO TRENCH WALL. GENERALLY, THE SEALS SHOULD EXTEND FROM THE FROST LINE AND FULLY PENETRATE THE BEDDING, SUBBEDDING AND COVER MATERIAL. THE BARRIERS SHOULD CONSIST OF RELATIVELY DRY AND COMPACTABLE BROWN SILTY CLAY PLACED IN MAXIMUM 225mm THICK LAYER LAYERS COMPACTED TO A MINIMUM OF 95% OF THE MATERIAL'S SPMOD. THE CLAY SEALS SHOULD BE PLACED AT THE TRENCH BARRIERS AT STRATEGIC LOCATIONS AT NO MORE THAN 60m INTERVALS IN THE SERVICE TRENCH. FOR DETAILS REFER TO GEOTECHNICAL INVESTIGATION .

3. ALL GRANULAR BASE & SUB BASE COURSE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAX. DRY DENSITY.
4. SUB-EXCAVATION SOFT AREAS & FILL WITH GRANULAR "B" COMPACTED IN 0.15m LAYERS.
5. ALL DISTURBED GRASS AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, WITH SOD ON MIN. 100mm TOPSOIL. THE RELOCATION OF TREES AND SHRUBS SHALL BE SUBJECT TO APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR ENGINEER.
6. 10 YEAR PONDING DEPTH TO BE 0.30m (MAXIMUM).
7. EMBANKMENTS TO BE SLOPED AT MAX. 3:1, UNLESS OTHERWISE SPECIFIED.
8. ALL SWALES TO BE MIN. 0.15m DEEP WITH MIN. 3:1 SIDE SLOPES UNLESS OTHERWISE NOTED. THE MINIMUM LONGITUDINAL SLOPE TO BE 1.5% OR 1.0% WHEN PERFORATED SUBDRAIN IS INSTALLED.
9. ALL ROOF DOWNSPOUTS TO DISCHARGE TO THE GROUND ONTO SPLASH BASINS AND SHALL NOT BE DIRECTED TO THE STORM SEWER OR THE BUILDING FOUNDATION DRAIN.
10. TOP OF GRATE (T/G) ELEVATIONS FOR ALL STREET CATCH-BASINS

SHOWN ON PLANS. REFER TO THE ELEVATION AT EDGE OF PAVEMENT, OR GUTTERLINE WHERE APPLICABLE.

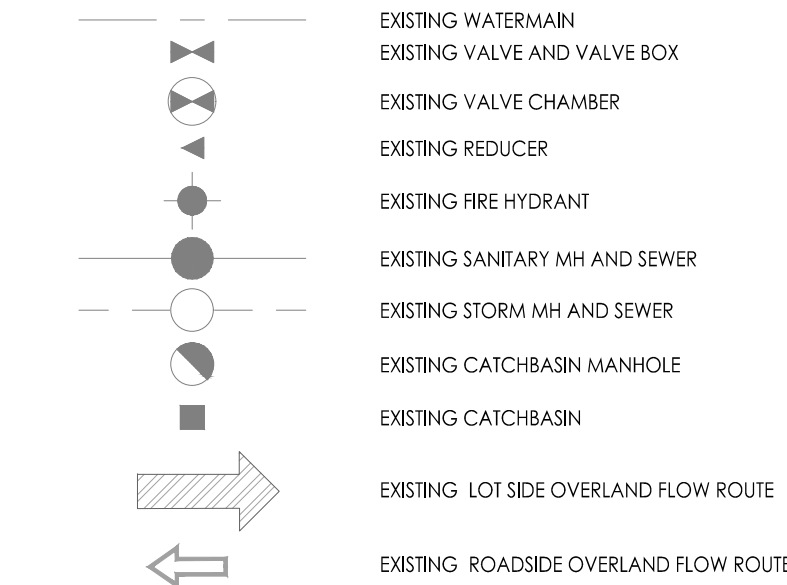
9. ALL RETAINING WALLS GREATER THAN 1.0m IN HEIGHT ARE TO BE DESIGNED, APPROVED, AND STAMPED BY STRUCTURAL ENGINEER.
10. FENCES OR RAILINGS ARE REQUIRED FOR RETAINING WALLS GREATER THAN 0.60m IN HEIGHT.
11. EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE
12. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH CONTRACT ADMINISTRATOR AND THE CITY OF OTTAWA PRIOR TO TREE CUTTING.
13. REFER TO DRAWING EC DS-1 FOR EROSION AND SEDIMENT CONTROL DETAILS.

CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT.

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL CATCH BASIN INSERTS OR EQUIVALENT IN ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND IN ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES (LOCATION TO BE DETERMINED) OF MATERIAL TO BE USED OR REMOVED FROM SITE.
7. A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES AND CLEANED IF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10mm) UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT EXISTING STORM AND SANITARY SEWER SYSTEMS, OR DOWNSTREAM WATERCOURSES.
9. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
10. CONTRACTOR SHALL REMOVE SEDIMENT CONTROL MEASURES WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
11. THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.
13. CONTRACTOR SHALL INSTALL MUD MATS AT BOTH ENTRANCES TO THE SITE.
14. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.
15. CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADS CLEAN FROM MUD AND DEBRIS.
16. PROTECTION GALLERY AND INFILTRATION TRENCHES TO BE INSTALLED THROUGHOUT CONSTRUCTION. VEHICLES TRAVEL ON OR ACROSS THE INFILTRATION AREAS SHALL BE STRICTLY PROHIBITED.

EXISTING CONDITIONS

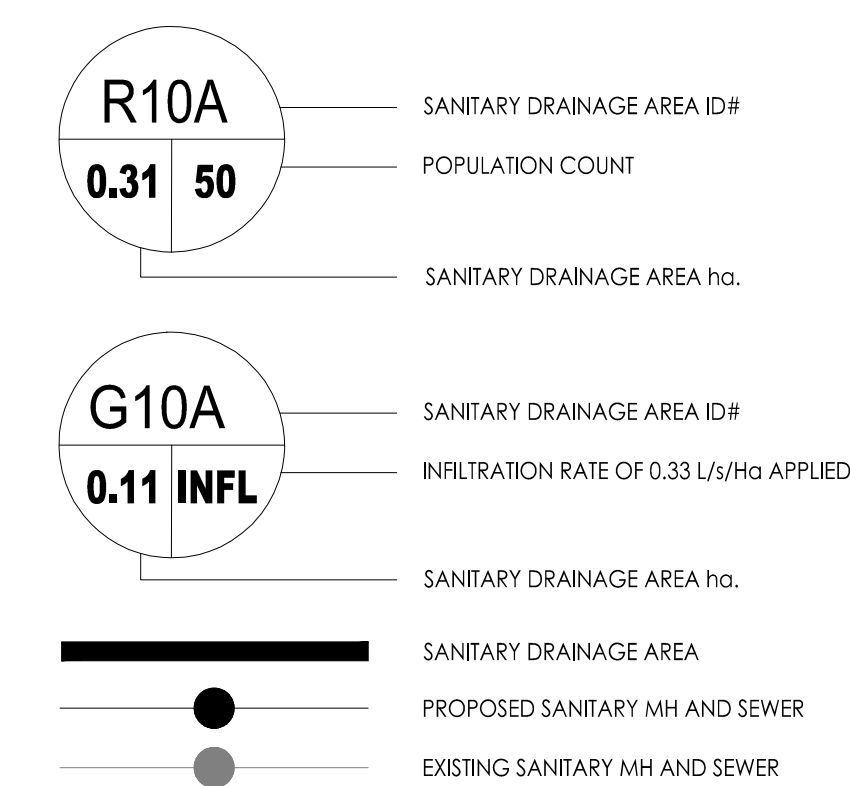


PROPOSED WATERMAIN
PROPOSED VALVE AND VALVE BOX
PROPOSED VALVE CHAMBER
PROPOSED REDUCER
PROPOSED FIRE HYDRANT
PROPOSED SANITARY SEWER
PROPOSED STORM SEWER
PROPOSED CATCH-BASIN
PROPOSED CATCH-BASIN MANHOLE
EXISTING WATERMAIN
EXISTING VALVE AND VALVE BOX
EXISTING VALVE CHAMBER
EXISTING REDUCER
EXISTING FIRE HYDRANT
EXISTING SANITARY SEWER
EXISTING STORM SEWER
EXISTING CATCH-BASIN MANHOLE
EXISTING CATCH-BASIN
PROPOSED DEPRESSURIZED CURB LOCATIONS
PROPOSED BARRIER CURB
THERMAL INSULATION ON STORM SEWER WHICH IS LESS THAN 1.5m. THERMAL INSULATION ON WHERE COVER IS LESS THAN 2.4m AS PER W22
PROPOSED 2" HATED FIRE WALL LOCATION
SCUPPER LOCATIONS
TYPICAL ROAD CROSS-SECTION
REFER TO DS-2 FOR MORE DETAILS

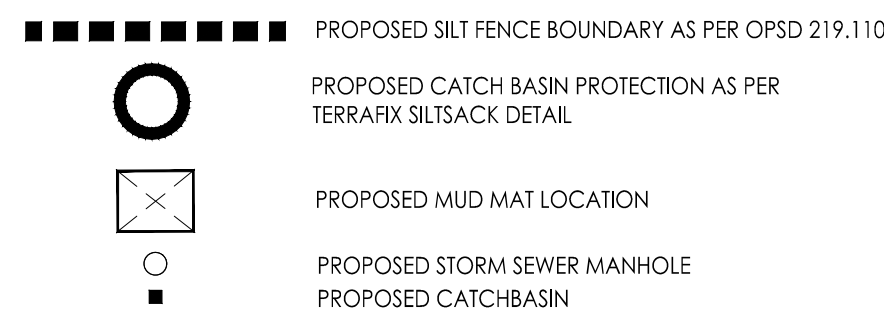
150mm SANITARY SERVICE (PIPE) 120mm 15.0m
150mm FIRE FIGHTING WATER SERVICE C/W CURB STOP AND SEI
PODI. METER AND REMOTE METER
STANDOFF ON PRIVATE SIDE TO BE LOCATED ON PROPERTY OF CURB. STANDOFF ON PUBLIC SIDE TO BE ON PROPERTY OF CURB.

150mm SANITARY SERVICE (PIPE) 120mm 15.0m
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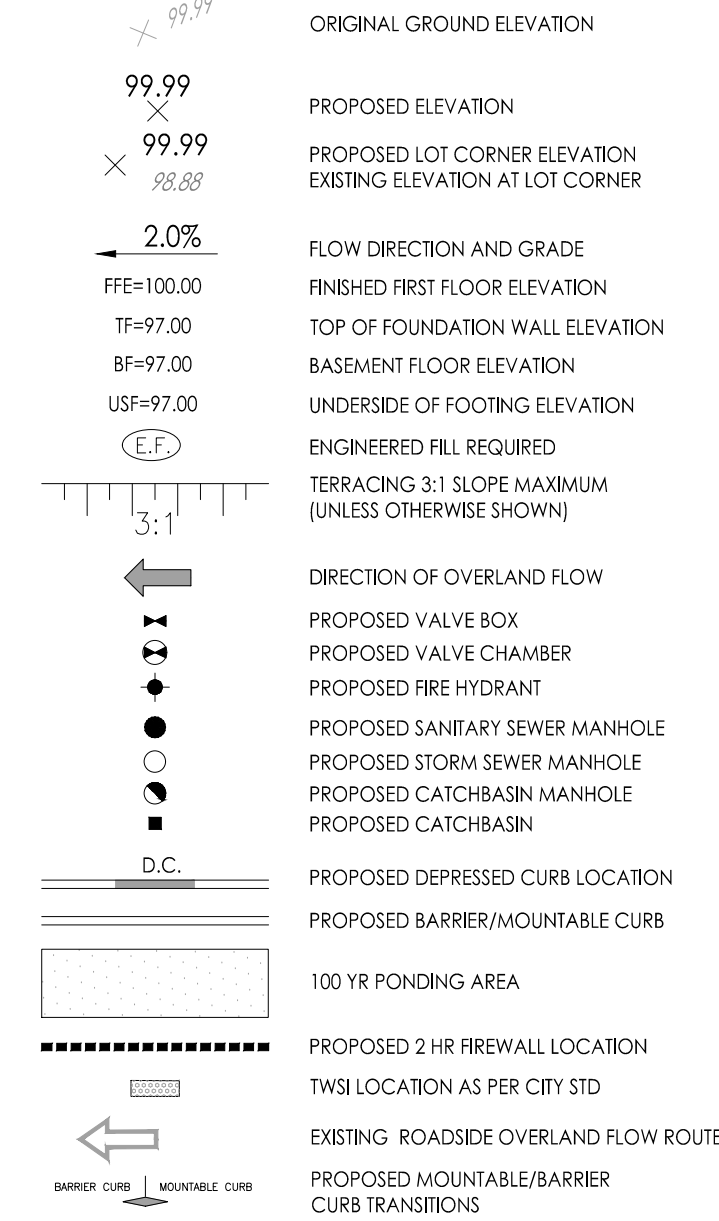
SANITARY DRAINAGE



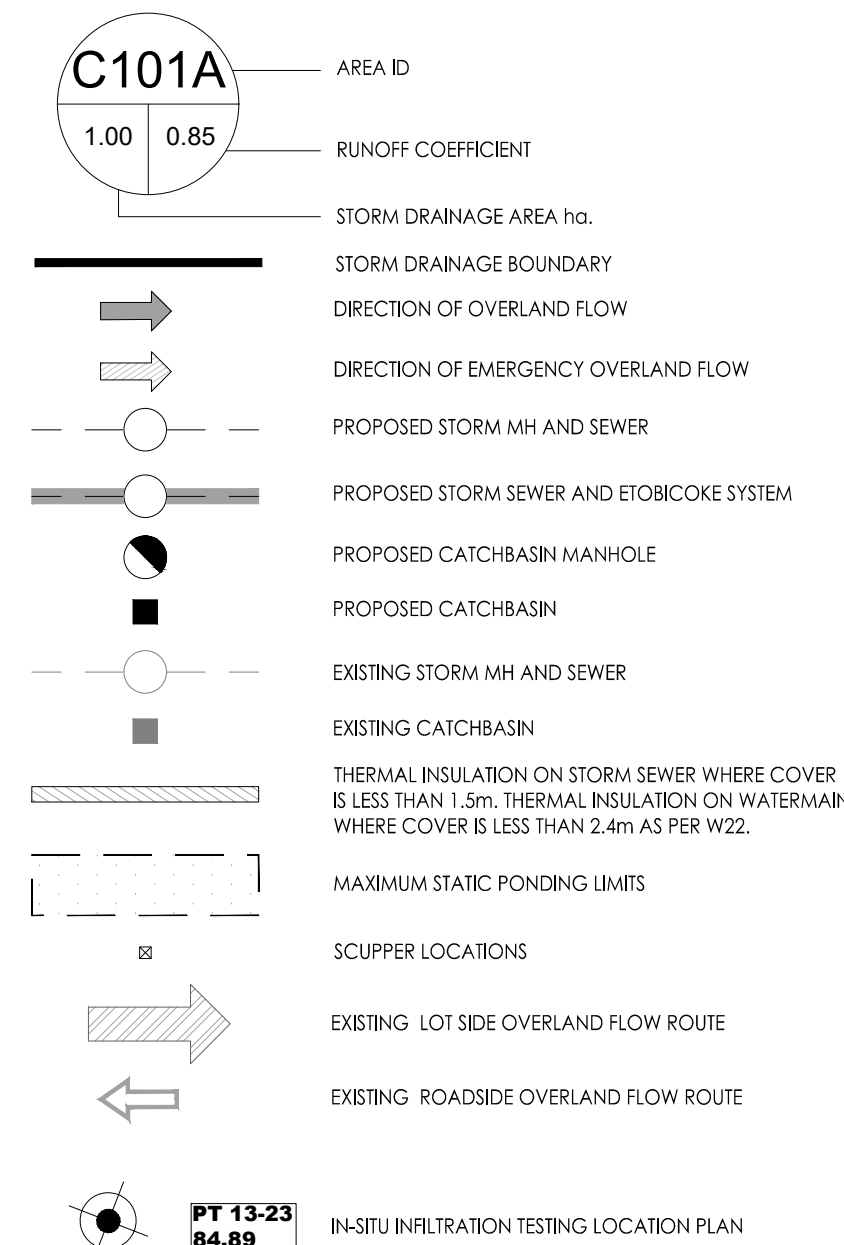
EROSION CONTROL



GRADING



STORM DRAINAGE



ICD SCHEDULE						
Catchbasin ID	Tributary Area ID	ICD Type	2yr Head (m)	100yr Head (m)	2yr Flow (L/s)	100yr Flow (L/s)
CB 103A-1	C103AA	108 mm Orifice	1.22	1.43	25.0	27.3
CB 105A	C105A	102 mm Orifice	1.37	1.52	23.8	25.1
CB 106A	C106A	83 mm Orifice	0.09	0.66	3.0	10.8
CB 107A	C107A	83 mm Orifice	0.60	1.42	10.1	16.1
CB 108A	C108A	83 mm Orifice	0.65	0.90	10.7	12.7
CB 110A	C110A	83 mm Orifice	1.29	1.57	15.3	16.9
CB 110B	C110B	95 mm Orifice	0.54	1.51	12.5	21.7
CB 110C	C110C	95 mm Orifice	0.57	1.66	13.0	22.8
CB 114A	C114A	95 mm Orifice	1.22	1.67	19.5	22.9
CB 115A	C115A	83 mm Orifice	0.72	1.54	11.3	16.8
CB 115B	C115B	83 mm Orifice	1.10	1.57	14.1	16.9
CB 117A	C117A	127 mm Orifice	0.47	1.51	20.4	38.6
CB 117B	C117B	83 mm Orifice	1.31	1.59	15.5	17.1
CB 119A	C119A	83 mm Orifice	1.01	1.43	13.5	16.2
GBMH 119C	C119C	152 mm Orifice	0.56	1.59	28.3	53.0
CB 121A	C121A	83 mm Orifice	0.98	1.52	13.3	16.7
CB 122A	C122A	83 mm Orifice	0.73	1.52	11.3	16.7
CB 123A	C123A	83 mm Orifice	1.02	1.56	13.6	16.9
CB 123B	C123B	83 mm Orifice	0.96	1.56	13.1	16.9
CB 124A	C124A	83 mm Orifice	0.73	1.54	11.4	16.8
CB 124B	C124B	83 mm Orifice	1.36	1.59	15.7	17.1