



DWG No.: WIL-DET-22-02

















- 1. THIS SIGN IS TO BE INSTALLED AND MAINTAINED BY THE DEVELOPER UNTIL FINAL ACCEPTANCE OF SURFACE WORKS IS ISSUED BY THE TOWNSHIP.
- 2. SIGN IS TO BE ON HEAVY GAUGE ALUMINUM AND FASTENED TO POST WITH STAINLESS STEEL HARDWARE.
- 3. SIGN IS TO HAVE A HIGH INTENSITY REFLECTIVE COATING AND MEET M.U.T.C. SPECIFICATIONS.
- 4. SIGN SHALL HAVE WHITE BACKGROUND WITH BLACK LETTERS.
- 5. ALL SIGN LOCATIONS TO BE REVIEWED BY THE TOWNSHIP.
- 6. SIGNS TO BE LOCATED AT ALL ENTRANCES TO DEVELOPMENT PHASES.





- 2. ALL SIGNS ARE TO BE ON HEAVY GAUGE ALUMINUM AND FASTENED TO POST WITH STAINLESS STEEL HARDWARE.
- 3. ALL SIGNS ARE TO HAVE A HIGH INTENSITY REFLECTIVE COATING AND MEET M.U.T.C. SPECIFICATIONS.
- 4. STREET NAME SIGNS ARE WHITE 100mm HIGH LETTERING ON A 150mm GREEN TAB.
- 5. ALL SIGN LOCATIONS TO BE REVIEWED BY THE TOWNSHIP.
- 6. SUBDIVIDER TO COVER THE COST OF TOWNSHIP OPERATIONS STAFF/AGENTS FOR INSTALLATION AND REFLECTIVITY TESTING AS PER MINIMUM MAINTENANCE STANDARDS.



















- ALL FENCING AND FASTENERS TO BE GALVANIZED PRIOR TO FABRICATION.
 EXTRUDED BLACK VINYL COATING MAY BE APPLIED PROVIDED ALL FENCING MATERIALS ARE GALVANIZED PRIOR TO COATING. WHERE VINYL COATING APPLIED, ALL FENCING ELEMENTS TO BE COATED.
- 3. MID-BRACING RAILS REQUIRED WHERE FENCE HEIGHT IS GREATER THAN THAT SHOWN ON THE DETAIL. MID-BRACE TO BE 43mm Ø RAIL ON TERMINAL, CORNER, STRAINING OR GATE POSTS.
- 4. WIRE MESH SHALL BE MEASURED AT 9 GAUGE PRIOR TO GALVANIZING AND/OR ADDITIONAL COATING.
- 5. CONCRETE FOOTINGS TO BE 20Mpa STRENGTH AT 28 DAYS
- 6. ALL PIPE TO BE SCHEDULE 40.

CHAINLINK FENCE WALKWAY **BLOCK DETAIL**

SCALE:

DWG No .:

NTS

WIL-DET-22-20

TOWNSHIP OF WILMOT PUBLIC WORKS AND ENGINEERING DEPARTMENT DATE: FEBRUARY 2022



DWG No.: WIL-DET-22-21







DWG No.: WIL-DET-22-24



DWG No.: WIL-DET-22-24



URBAN LOT GRADING TYPE 'B'

SPLIT DRAINAGE WITH WALKOUT

DATE: FEBRUARY 2022

SCALE: NTS

DWG No.: WIL-DET-22-26





- DIFFERENCE BETWEEN BUILDING LINE ELEVATION AND SIDE YARD SWALE ELEVATION IS TO BE MIN. 0.15m AND MAX 0.30m ACCORDING TO SIDE YARD WIDTH.
- 2. ALL SWALES TO BE MIN 2.0%
- A MIN 0.3 m APRON IS TO BE MAINTINED AGAINST ALL DWELLING UNITS TO ALLOW ACCESS FROM SIDE ENTRANCES TO THE FRONT AND REAR YARDS, 0.3 m ACCESS TO BE ON GARAGE SIDE IF NO SIDE DOOR.
- SLOPES WITHIN LOTS ARE TO HAVE A MAX GRADE OF 3:1. STRUCTURAL RETAINING WALL REQUIRED WHERE MAX.
- DIFFERENCE BETWEEN SIDE DOOR SILL AND GROUND ELEVATION TO BE MAX. 0.40m.
- DIFFERENCE BETWEEN TOP OF FOUNDATION WALL AND BUILDING LINE ELEVATION TO BE MIN 0.15m
- A MIN OF 6m OF THE REAR LOT AREA FROM THE BACK OF THE HOUSE SHALL BE GRADED BETWEEN 2% TO A MAX 6%.
- TYPE "A" AND TYPE "C" LOTS WITH THROUGH DRAINAGE FROM OTHER TYPE LOTS ABUTTING THE REAR LOT LINE ARE TO BE A MIN. OF 12m IN WIDTH.
- 9 DRIVEWAY GRADES: FROM CURB TO STREET LINE: MIN. 2.0% AND MAX. 8.0%

URBAN LOT GRADING TYPE 'C' BACK TO FRONT WITH WALKOUT



DATE: FEBRUARY 2022

TOWNSHIP OF WILMOT PUBLIC WORKS AND ENGINEERING DEPARTMENT

SCALE: NTS

DWG No.: WIL-DET-22-27





- 1. ALL DIMENSIONS ARE IN mm EXCEPT AS NOTED.
- 2. THREADED TIE RODS TOP AND BOTTOM 19mmØ AND LENGTH AS REQUIRED PER MANUFACTURER STANDARDS AND/OR DGSSMS.
- 3. RETENTION CLAMPS REQUIRED AT FIRST JOINT ON BOTH SIDES OF OFFSET AS PER MANUFACTURER STANDARDS AND/OR DGSSMS.
- 4. MANUFACTURED BENDS MUST BE USED TO OBTAIN THE DESIRED ANGLES OF DEFLECTION.
- 5. ANODES, PETROLEUM TAPE AND TRACER WIRE TO BE INSTALLED AS PER DGSSMS.
- 6. AS RECORDED DETAILS/SURVEY SHOTS TO BE PROVIDED AT ALL WATERMAIN CROSSINGS.
- 7. CROSSING TO MEET MOECP PROCEDURE.

TYPICAL WATERMAIN OFFSET UNDER SEWERS



TOWNSHIP OF WILMOT PUBLIC WORKS AND ENGINEERING DEPARTMENT DATE: FEBRUARY 2022

DATE: F	EBRUART	2022
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23.0m URBAN COLLECTOR ROAD R.O.W. CROSS SECTION N

SCALE: NTS

DWG No.: WIL-DET-22-36

DATE: FEBRUARY 2022









- 2. SIGN TO BE SUPPLIED AND MOUNTED BY THE CONTRACTOR.
- SIGN TO BE MOUNTED ON 100mm x 100mm WOOD POSTS WITH SUITABLE FRAMING. POSTS TO BE SUPPLIED 3. AND INSTALLED BY THE CONTRACTOR.
- SIGN TO BE CONSTRUCTED OF 20mm THICK PLYWOOD TO THE DIMENSIONS SHOWN. 4

STORMWATER MANAGEMENT
AREA SIGN



TOWNSHIP OF WILMOT PUBLIC WORKS AND ENGINEERING DEPARTMENT

DATE: FEBRUARY 2022

SCALE: NTS

DWG No.: WIL-DET-22-40

- 1. CONCRETE CHAMBER AS PER OPSD 1108.010 OR PRECAST EQUIVALENT.
 - ADJUSTMENT UNITS FOR FRAME INSTALLATION WILL NOT BE PERMITTED, ONE PIECE CONSTRUCTION ONLY (MAX HEIGHT 1.0m)
 - ONE PIECE ADJUSTMENT UNIT MUST EXTEND MINIMUM 100mm TO MAXIMUM 300mm ABOVE FINISHED GRADE.
 - FRAME TO BE POURED INTO CONCRETE RISER.
- 2. ACCESS FRAME MUST BE LOCKABLE AND COVER SHALL BE BILCO TYPE J-AL (1050mm x 1050mm MIN.) OR APPROVED EQUIVALENT. 2.0m CLEARANCE TO BE MAINTAINED AROUND ENTRANCE FRAME.
- 3. CONCRETE CHAMBER TO BE APPROPRIATELY SIZED AND INSTALLED IN A LANDSCAPED AREA. IF CHAMBER CANNOT BE LOCATED WITHIN A LANDSCAPED AREA, PERMISSION SHALL BE REQUIRED FROM MANAGER OF ENGINEERING AND STRUCTURE SHALL BE DESIGNED FOR TRUCK LOADING AS PER THE CHBC.
- 4. 350mm CLEARANCE TO BE MAINTAINED FROM CHAMBER FLOOR.
- 5. CONCRETE SUPPORTS TO BE UNDER ALL VALVES AND METER.
- 6. BY-PASS LINE SIZE TO BE SAME SIZE AS THE METER LINE, BE IN CLOSED POSITION, AND SEALED BY THE TOWNSHIP.
- 7. METER CHAMBER MUST BE WATERPROOF AND BE SELF DRAINING THROUGH CONNECTION TO STORM SEWER SYSTEM. IF GRAVITY STORM CONNECTION IS NOT FEASIBLE

DUE TO POTENTIAL FOR BACK-UPS OR ELEVATION CONSTRAINTS A SUMP-PUMP DISCHARGE TO GRADE MAY BE CONSIDERED WITH TOWNSHIP APPROVAL.

- 8. REDUCED PRESSURE DEVICE (RPD) OR DOUBLE CHECK VALVE ASSEMBLY (DVCA) TEST PORTS, IN ACCORDANCE WITH THE LATEST OBC AND B64 MANUALS, ARE TO BE PLUGGED USING MEANS THAT ARE WATER TIGHT.
- 9. NO CONNECTION FOR AN IRRIGATION OR OTHER TYPES OF EQUIPMENT ARE PERMITTED WITHIN CHAMBER.
- 10. A FLUSH MOUNT ACCESS HATCH IS AN ACCEPTABLE INSTALLATION WITHIN A WALKWAY, PROVIDING A BILCO LU-2 GALVANIZED LADDERUP SAFETY POST IS INSTALLED AT THE ENTRANCE.
- 11. PARKING AND VEHICULAR ACCESS SHALL NOT BE PERMITTED WITHIN 2.0m OF THE CHAMBER UNLESS CHAMBER IS DESIGNED UNDER THE CHBDC.
- 12. BACKFLOW PREVENTER TO BE ON "DOWNSTREAM" (PRIVATE) SIDE OF METER.
- 13. CORROSION PROTECTION SHALL BE INSTALLED AS PER DGSSMS ON ALL METALLIC PIPES AND FITTINGS.
- 14. TRACER WIRE TO BE CONNECTED TO PIPE AND FITTINGS AS PER DGSSMS. THE WIRE IS TO EXTEND TO MH LID AND EXCESS WRAPPED AROUND LADDER RUNG.
- 15. MAINLINE WATER METER TO BE SUPPLIED BY THE APPLICANT. WATER METER TO BE AN ELECTROMAGNETIC METER MANUFACTURED BY SENSUS, MODEL HYDROVERSE METER OR APPROVED EQUIVALENT. MANUFACTURER AND MODEL NUMBER TO BE PROVIDED TO THE TOWNSHIP ON REVIEW AND ACCEPTANCE.



