

PART OF LOTS 1, 2, 3 AND 4
NORTH SIDE OF CLIFTON STREET
REGISTERED PLAN 306
PART OF LOT A
NORTH SIDE OF CLIFTON STREET
AND PART OF LANE (Closed By-By-Law 1218, Inst. R013584)
REGISTERED PLAN 363
TOWN OF MIDLAND
COUNTY OF SIMCOE

GENERAL NOTES:

- CONTRACTOR TO CHECK ALL DIMENSIONS, SPECIFICATIONS, ETC., ON SITE AND IS RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO OUR OFFICE PRIOR TO CONSTRUCTION. CONTRACTOR TO DETERMINE & CONFIRM THE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF QUANTUM ENGINEERING. THEY ARE TO REMAIN THE PROPERTY OF OUR OFFICE AND MUST BE RETURNED UPON REQUEST. THESE DRAWINGS ARE NOT TO BE USED IN ANY OTHER LOCATION WITHOUT THE WRITTEN APPROVAL FROM OUR OFFICE. REPRODUCTIONS OF THESE DOCUMENTS OR DRAWINGS IN WHOLE OR IN PART IS FORBIDDEN WITHOUT WRITTEN PERMISSION FROM OUR OFFICE.
- ALL CONSTRUCTION & INFRASTRUCTURE SHALL CONFORM TO THE MOST RECENT EDITIONS OF ALL APPLICABLE CODES IN EFFECT AT THE PROJECT LOCATION. ALL WORKS TO BE IN ACCORDANCE WITH THE TOWN OF MIDLAND BUILDING CODE AS WELL AS TOWN OF MIDLAND SPECIFICATIONS.
- OFFICIAL COPIES MUST BEAR AN ORIGINAL SIGNATURE AND SHOW THE ENGINEERS STAMP IN RED.
- DO NOT SCALE DRAWINGS.

SANITARY SERVICING:

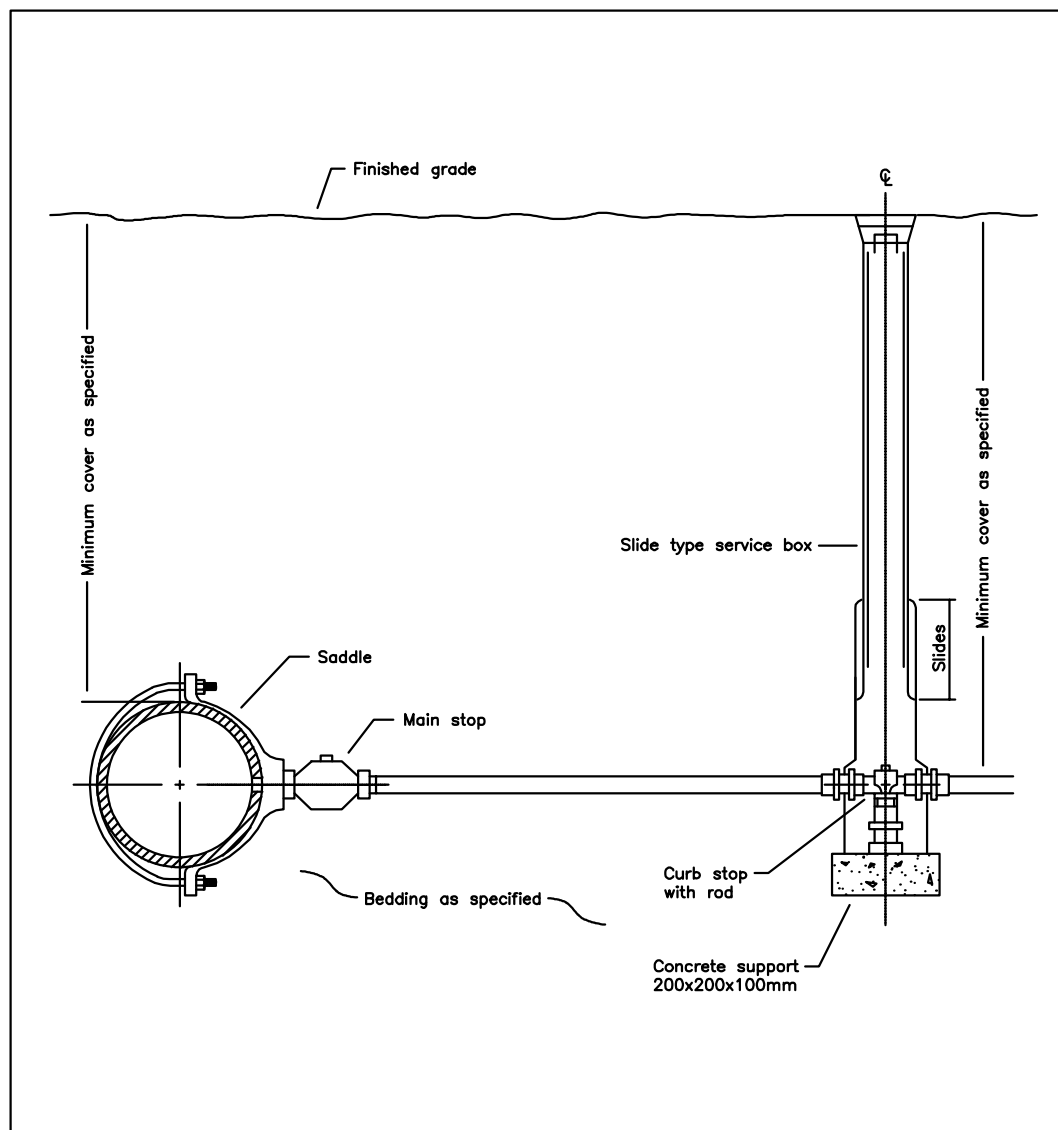
- MINIMUM SLOPE OF SANITARY SERVICE TO BE 2.0%.
- SANITARY SERVICE SHALL BE LOCATED AT A MINIMUM DEPTH OF 2.0 M AT THE PROPERTY LINE, AND SUFFICIENT DEPTH FOR BASEMENT FLOOR DRAINS AND FROST COVER.
- FILL BENEATH SANITARY SERVICES IS TO BE COMPACTED TO 98% SPD.
- SANITARY SERVICE SHALL BE PVC SDR 28 WITH RUBBER GASKET TYPE JOINTS CONFORMING TO CSA B-182.2.384. AND A MINIMUM DIAMETER OF 150 MM.
- SANITARY SERVICES ARE TO BE INSTALLED AND TESTED IN ACCORDANCE WITH TOWN OF MIDLAND AND ONTARIO PROVINCIAL STANDARDS.
- ALL MATERIALS TO BE IN CONFORMANCE WITH ONTARIO PROVINCIAL STANDARD SPECIFICATIONS.

UTILITIES:

- BUILDINGS SERVICED MUNICIPAL WATER & SEWER, AND 240V HYDRO. HYDRO SERVICE LOCATION AND INSTALLATION REQUIREMENTS TO BE CONFIRMED WITH LOCAL AUTHORITY (NEWMARKET-TAY POWER).
- COMPACTION OF BACKFILL FOR UTILITY TRENCHES SHALL BE 95% SPD, UNLESS OTHERWISE SPECIFIED BY LOCAL AUTHORITIES.
- CONTRACTOR RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

WATER SERVICING/HYDRANT:

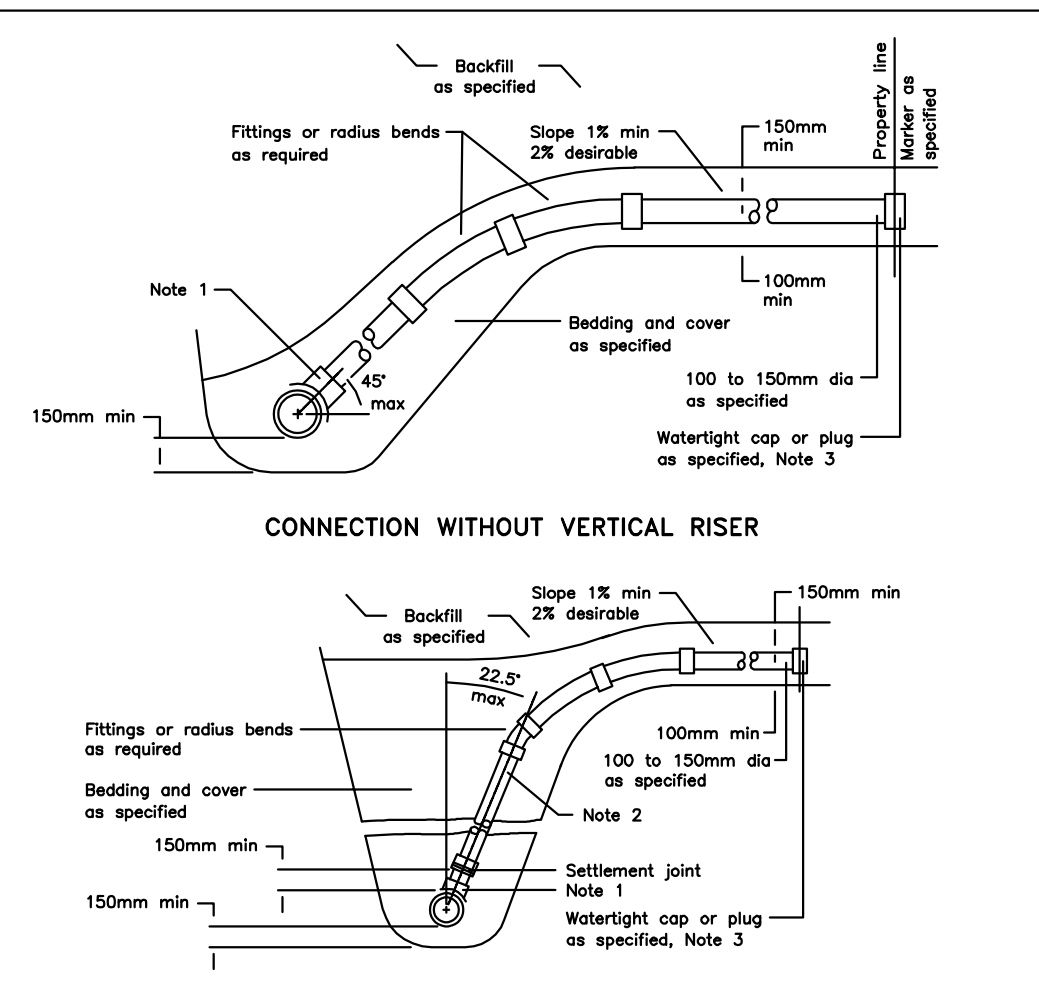
- MINIMUM COVER FOR WATER SERVICES TO BE 1.8M.
- WATER SERVICE PIPE SHALL BE 25MM DIA. TYPE "K" COPPER TUBING AND FITTINGS INCLUDING ELECTROCHEMICAL CORROSION PROTECTION WHERE CONNECTED TO DUCTILE IRON WATERMAIN.
- MAIN STOPS AND SADDLES SHALL BE USED ON WATER SERVICE. MAIN STOP TO BE MUELLER AWWA C800. SADDLE TO BE ROCKWELL 371 & 372.
- CURB STOP TO BE LOCATED AT PROPERTY LINE AND SHALL BE BALL STYLE WITH COMPRESSION CONNECTION.
- SERVICES BOXES TO BE MUELLER AWWA C800. ALL SERVICE BOXES ARE TO BE INSTALLED FLUSH WITH THE FINISHED GRADE.
- A MAXIMUM OF ONE COUPLING IS ACCEPTABLE ON A WATER SERVICE BETWEEN THE CURB STOP AND ENTERING THE BUILDING. COUPLINGS TO BE COPPER COMPRESSION COUPLINGS.
- WATER METER TO BE SUPPLIED AND INSTALLED BY THE TOWN OF MIDLAND AT CONTRACTOR'S EXPENSE.
- WATER SERVICE INSTALLATION AND PRESSURE TESTING TO BE COMPLETED IN ACCORDANCE WITH TOWN OF MIDLAND DESIGN STANDARDS.
- HYDRANT SHALL MEET REQUIREMENTS OF AWWA C502.
- HYDRANT TO BE CANADA VALVE CENTRUY/PREMIERE MODEL, OPENING COUNTERCLOCKWISE, MEETING AWWA C502.
- GATE VALVES TO BE MUELLER RESILIENT SEAT VALVES, MEETING AWWA C509 C/W BIBBY VALVE BOX TO BE INSTALLED FLUSH WITH THE FINISHED GRADE.
- CHECK VALVES TO BE MUELLER SWING CHECK VALVES, MEETING AWWA C508 C/W BIBBY VALVE BOX TO BE INSTALLED FLUSH WITH THE FINISHED GRADE.
- RESTRAINER COUPLINGS ARE REQUIRED ON ALL WATERMAIN FITTINGS.
- #12 TWU STRANDED COPPER TRACER WIRE TO BE INSTALLED ALONG SPRINGLINE OF ALL NON-METALLIC WATERMAIN. TRACER WIRE TO BE WRAPPED AROUND EACH JOINT AND BROUGHT TO THE SURFACE AT EACH HYDRANT AND CONNECTED TO FLANGE BOLT. CONTINUOUS LENGTH OF WIRE MUST BE USED. INSTALLATION AND CONTINUITY TESTING TO BE COMPLETED AS PER TOWN OF MIDLAND STANDARDS.



NOTES:

- A Couplings shall not be permitted unless the service length exceeds 20m between the main stop and curb stop.
B All water services shall be installed 90° to the longitudinal axis of the watermain.
C Backfill material within 500mm of service box shall be native or imported, as specified.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2013	Rev 2
WATER SERVICE CONNECTION		
32, 38, and 50mm DIAMETER SIZES		OPSD 1104.020

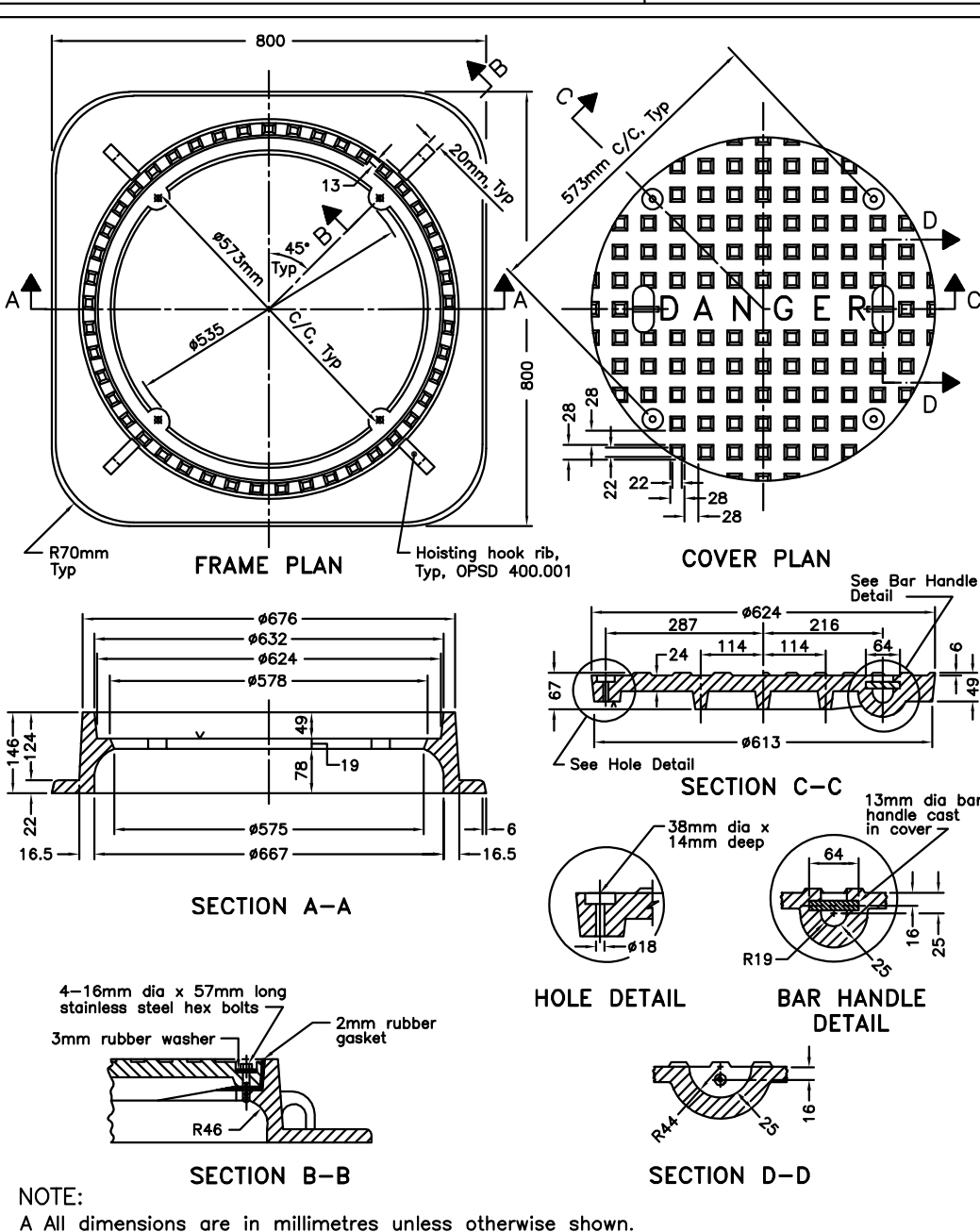


CONNECTION WITH VERTICAL RISER

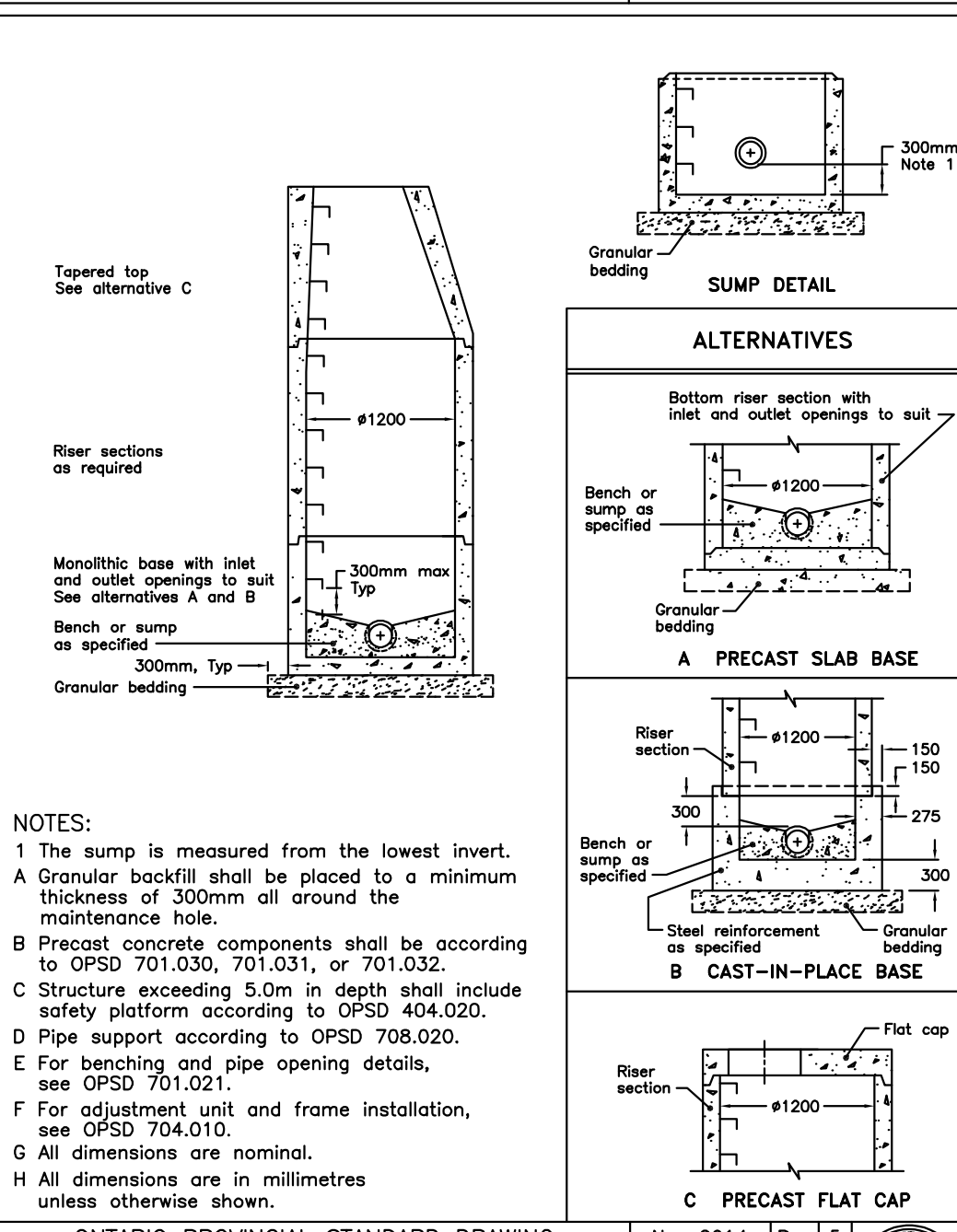
- 1 Sewer service connections to the main pipe sewer shall be made using factory made tees, strap-on-saddles, or other approved saddles.
2 Vertical risers shall be as specified.
3 Cap or plug at property line shall be adequately braced.

- A Maintenance holes shall be used at the main sewer to connect service connections greater than or equal to 200mm.
B For new construction, saddles shall be installed on the main pipe before that pipe is laid.
C Approved cut-in tool shall be used for field made connections.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2016	Rev 3
SEWER SERVICE CONNECTIONS FOR MAIN PIPE SEWER		
		OPSD 1006.010



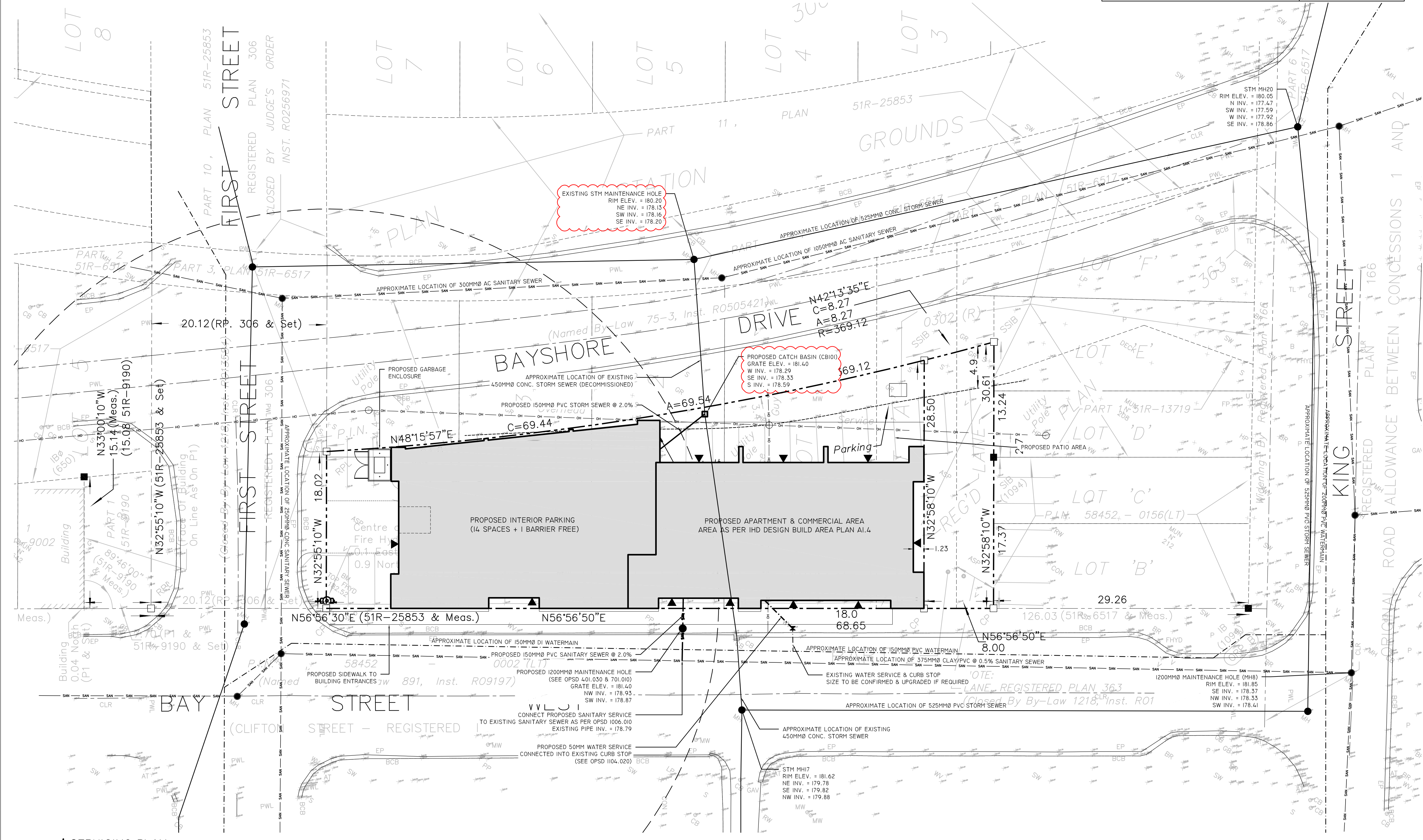
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2013	Rev 3
CAST IRON, SQUARE FRAME WITH CIRCULAR WATERTIGHT COVER FOR MAINTENANCE HOLES		
		OPSD 401.030



ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2014	Rev 5
PRECAST CONCRETE MAINTENANCE HOLE 1200mm DIAMETER		
		OPSD 701.010



No.	DESCRIPTION	DATE
1		
2		
3		
4	FOR CLIENT REVIEW	MAR 21, 2025
5		



SERVICING PLAN
SCALE: 1 : 250



PROJECT: COMMERCIAL / APARTMENT BLDG
LOCATION: 526 BAY STREET MIDLAND, ON
FOR: LOUIE DESANTIS

DRAWING: SERVICING PLAN

DATE: DEC. 2024	PROJECT NO:	PAGE ID:
DRAWN BY: K.J.L.	6998	C3
SCALE: SEE PLOT		