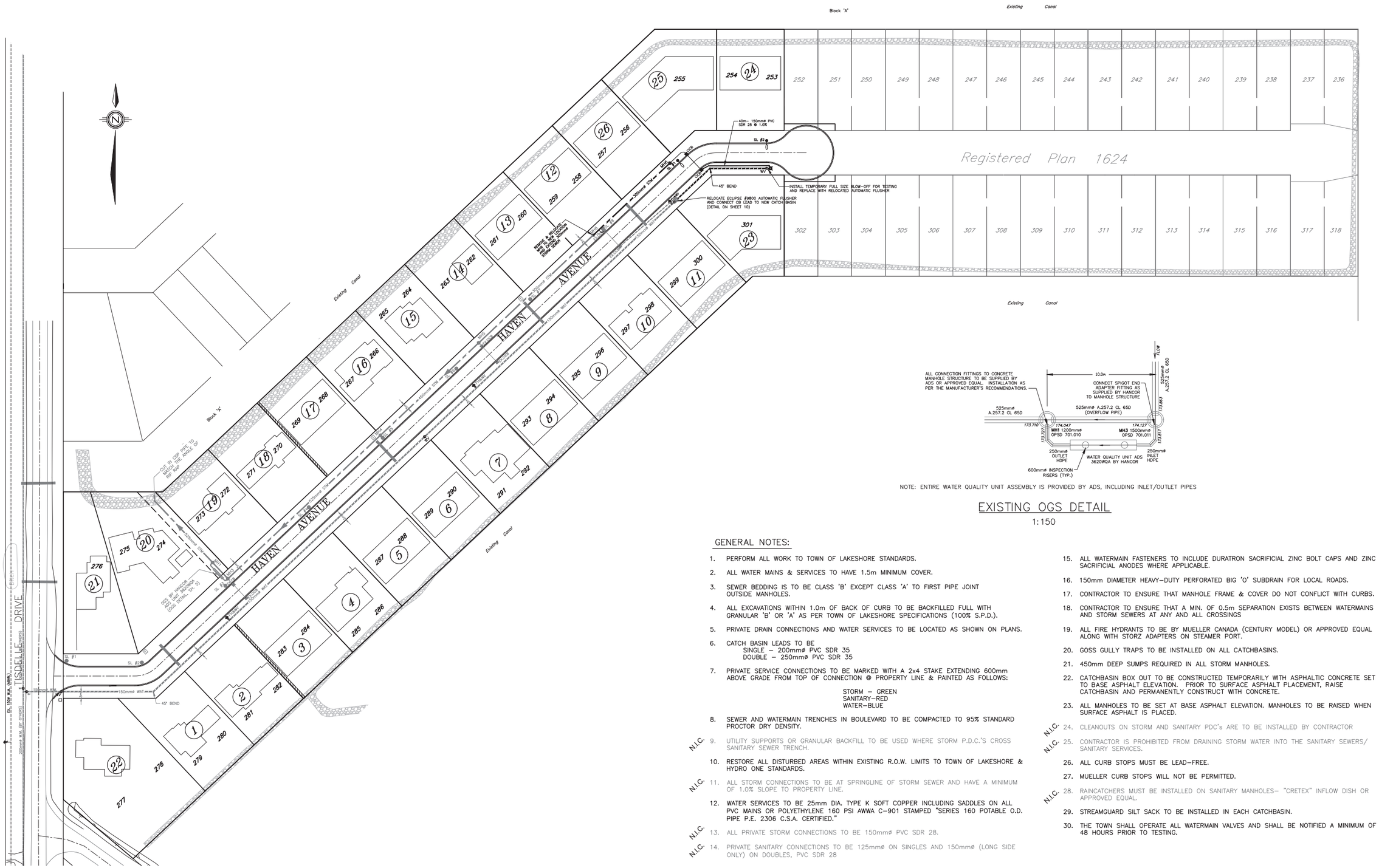

NOTE: ENTIRE WATER QUALITY UNIT ASSEMBLY IS PROVIDED BY ADS, INCLUDING INLET/OUTLET PIPES

EXISTING OGS DETAIL

1:150

GENERAL NOTES:

1. PERFORM ALL WORK TO TOWN OF LAKESHORE STANDARDS.
2. ALL WATER MAINS & SERVICES TO HAVE 1.5m MINIMUM COVER.
3. SEWER BEDDING IS TO BE CLASS 'B' EXCEPT CLASS 'A' TO FIRST PIPE JOINT OUTSIDE MANHOLES.
4. ALL EXCAVATIONS WITHIN 1.0m OF BACK OF CURB TO BE BACKFILLED FULL WITH GRANULAR 'B' OR 'A' AS PER TOWN OF LAKESHORE SPECIFICATIONS (100% S.P.D.).
5. PRIVATE DRAIN CONNECTIONS AND WATER SERVICES TO BE LOCATED AS SHOWN ON PLANS.
6. CATCH BASIN LEADS TO BE
   SINGLE – 200mmø PVC SDR 35
   DOUBLE – 250mmø PVC SDR 35
7. PRIVATE SERVICE CONNECTIONS TO BE MARKED WITH A 2x4 STAKE EXTENDING 600mm ABOVE GRADE FROM TOP OF CONNECTION @ PROPERTY LINE & PAINTED AS FOLLOWS:
   STORM – GREEN
   SANITARY–RED
   WATER–BLUE
8. SEWER AND WATERMAIN TRENCHES IN BOULEVARD TO BE COMPACTED TO 95% STANDARD PROCTOR DRY DENSITY.

N.I.C. 9. UTILITY SUPPORTS OR GRANULAR BACKFILL TO BE USED WHERE STORM P.D.C.'S CROSS SANITARY SEWER TRENCH.

10. RESTORE ALL DISTURBED AREAS WITHIN EXISTING R.O.W. LIMITS TO TOWN OF LAKESHORE & HYDRO ONE STANDARDS.

N.I.C. 11. ALL STORM CONNECTIONS TO BE AT SPRINGLINE OF STORM SEWER AND HAVE A MINIMUM OF 1.0% SLOPE TO PROPERTY LINE.

12. WATER SERVICES TO BE 25mm DIA. TYPE K SOFT COPPER INCLUDING SADDLES ON ALL PVC MAINS OR POLYETHYLENE 160 PSI AWWA C–901 STAMPED "SERIES 160 POTABLE O.D. PIPE P.E. 2306 C.S.A. CERTIFIED."

N.I.C. 13. ALL PRIVATE STORM CONNECTIONS TO BE 150mmø PVC SDR 28.

N.I.C. 14. PRIVATE SANITARY CONNECTIONS TO BE 125mmø ON SINGLES AND 150mmø (LONG SIDE ONLY) ON DOUBLES, PVC SDR 28

15. ALL WATERMAIN FASTENERS TO INCLUDE DURATRON SACRIFICIAL ZINC BOLT CAPS AND ZINC SACRIFICIAL ANODES WHERE APPLICABLE.
16. 150mm DIAMETER HEAVY–DUTY PERFORATED BIG 'O' SUBDRAIN FOR LOCAL ROADS.
17. CONTRACTOR TO ENSURE THAT MANHOLE FRAME & COVER DO NOT CONFLICT WITH CURBS.
18. CONTRACTOR TO ENSURE THAT A MIN. OF 0.5m SEPARATION EXISTS BETWEEN WATERMAINS AND STORM SEWERS AT ANY AND ALL CROSSINGS
19. ALL FIRE HYDRANTS TO BE BY MUELLER CANADA (CENTURY MODEL) OR APPROVED EQUAL ALONG WITH STORZ ADAPTERS ON STEAMER PORT.
20. GOSS GULLY TRAPS TO BE INSTALLED ON ALL CATCHBASINS.
21. 450mm DEEP SUMPS REQUIRED IN ALL STORM MANHOLES.
22. CATCHBASIN BOX OUT TO BE CONSTRUCTED TEMPORARILY WITH ASPHALTIC CONCRETE SET TO BASE ASPHALT ELEVATION. PRIOR TO SURFACE ASPHALT PLACEMENT, RAISE CATCHBASIN AND PERMANENTLY CONSTRUCT WITH CONCRETE.
23. ALL MANHOLES TO BE SET AT BASE ASPHALT ELEVATION. MANHOLES TO BE RAISED WHEN SURFACE ASPHALT IS PLACED.

N.I.C. 24. CLEANOUTS ON STORM AND SANITARY PDC's ARE TO BE INSTALLED BY CONTRACTOR

N.I.C. 25. CONTRACTOR IS PROHIBITED FROM DRAINING STORM WATER INTO THE SANITARY SEWERS/ SANITARY SERVICES.

26. ALL CURB STOPS MUST BE LEAD–FREE.
27. MUELLER CURB STOPS WILL NOT BE PERMITTED.

N.I.C. 28. RAINCATCHERS MUST BE INSTALLED ON SANITARY MANHOLES– "CRETEX" INFLOW DISH OR APPROVED EQUAL.

29. STREAMGUARD SILT SACK TO BE INSTALLED IN EACH CATCHBASIN.
30. THE TOWN SHALL OPERATE ALL WATERMAIN VALVES AND SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO TESTING.

LICENSED PROFESSIONAL ENGINEER S.M. LAROCHELLE 100200102 1 SEPT 2022 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER R.C. SPENCER 43858618 SEAL 23 PROVINCE OF ONTARIO

RC SPENCER ASSOCIATES INC.
Consulting Engineers
Windsor: 800 University Ave. W.– Windsor, ON N9A 5R9
Leamington: 18 Talbot St. W. – Leamington, ON N8H 1M4
Chatham-Kent: 49 Raleigh St.- Chatham, ON N7M 2M6
Professional Engineers Ontario

NO.	REVISION	DATE	BY	APP.
6.	ISSUED FOR CONSTRUCTION	01 SEP 2022	S.M.L.	R.C.S.
5.	REVISED FOR LAKESHORE APPROVAL	11 AUG 2022	S.M.L.	R.C.S.
4.	SUBMIT FOR LAKESHORE APPROVAL	08 JUL 2022	S.M.L.	R.C.S.
3.	ISSUED FOR FINAL APPROVAL	27 MAY 2022	S.M.L.	R.C.S.
2.	REVISED PER TOWN COMMENTS	24 FEB 2022	S.M.L.	R.C.S.
1.	ISSUED FOR TOWN APPROVAL	26 APR 2021	S.M.L.	R.C.S.

DESIGN R.C.S.
CHECKED B.R.
DRAWN S.M.L.
CHECKED R.C.S.
SCALE 1:750

ADMIRAL'S COVE SUBDIVISION

OVERALL SITE SERVICING PLAN

PROJECT NO. 18–734
SHEET NO. 5
OF 10