



- 1. GENERAL NOTES**
- 1.1.1.1. GENERAL NOTES**
- 1.1.1.1. CHSA OCCUPATIONAL HEALTH AND SAFETY CANADIAN STANDARD ASSOCIATION
- 1.1.1.2. CSA MINISTÈRE DES TRANSPORTS DU QUÉBEC
- 1.1.1.3. MTO NATIONAL BUILDING CODE OF CANADA (2020)
- 1.1.1.4. NBCC NATIONAL BUILDING CODE OF CANADA (2020)
- 1.1.1.5. ASTM AMERICAN SOCIETY OF TESTING AND MATERIALS
- 1.1.1.6. ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS
- 1.1.1.7. ROAD DESIGN STANDARDS
- 1.1.1.7.1. TAC TRANSPORTATION ASSOCIATION OF CANADA - MANUAL OF GEOMETRIC DESIGN GUIDE FOR CANADIAN ROADS
- 1.1.1.7.2. 02-91 DESIGN CODE OF A STORMWATER MANAGEMENT SYSTEM ELIGIBLE FOR A DECLARATION OF COMPLIANCE, ENVIRONMENT QUALITY ACT
- 1.1.1.7.3. 949-15 CHELSEA RELATIF À LA MISE EN PLACE DE TRAVAUX MUNICIPALUX
- 1.1.1.7.4. BY-LAW NUMBER 637-05 TITLED "RESPECTING SUBDIVISIONS" EFFECTIVE 20 APRIL 2020
- 1.1.1.7.5. MTO TOME 1 THROUGH TOME 7
- 1.1.2. DIMENSION**
- 1.1.2.1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED
- 1.1.3. BENCHMARKS AND SURVEY**
- 1.1.3.1. COORDINATES USED IN THIS DRAWING ARE IN MZON 9 (EPSG 32189) AND ARE BASED ON GEODETIC ELEVATION
- 1.1.4. REFERENCES**
- 1.1.4.1. GEOTECHNICAL REPORT TITLED "GEOTECHNICAL INVESTIGATION REPORT" BY ASI DATED 16 OCTOBER 2013.
- 1.1.4.1.1. UPDATED IN MEMO TITLED "ROUTE 105 DEVELOPMENT PROJECT" BY ASI DATED 5 JULY 2019
- 1.1.4.1.2. UPDATED IN DETAILED MEMO TITLED "STABILITY ASSESSMENT OF NORTHERN PART OF PROPOSED SUBDIVISION" BY SACL DATED 23 AUGUST 2021.
- 1.1.4.2. PUMPING TEST MEMO TITLED "ASSESSMENT OF WELL PUMPING TEST BY SHERMONT" BY ASI DATED 15 JANUARY 2021. SEPTIC AND DRAINING WATER NOTES
- 1.1.4.2.1. ALL SEPTIC SYSTEMS LOCATIONS ARE BASED ON THE PUMPING REPORT, SEPTIC REPORT, AND GEOTECHNICAL REPORT WHICH SHOWS A TYPICAL SEPTIC SYSTEM THAT WOULD SATISFY THE LISTED BY LAWS
- 1.1.4.2.2. POLISHING FIELDS MAY EXTEND BEYOND THE APPROVED CONSTRUCTION LINE BUT MUST BE APPROVED BY SACL GEOTECHNICAL ENGINEER
- 1.1.4.3. ROAD FEASIBILITY STUDY TITLED "ROAD FEASIBILITY STUDY" BY ASI DATED 1 FEBRUARY 2021. ROAD DESIGN NOTES
- 1.1.4.4. ROAD DESIGN REPORT TITLED "ROAD DESIGN REPORT" BY SACL DATED 23 APRIL 2024.
- 1.1.4.5. SEPTIC SYSTEM ASSESSMENT REPORT TITLED "SEPTIC SYSTEM ASSESSMENT REPORT" BY ASI DATED 21 JANUARY, 2021.
- 1.1.4.6. SITE LIGHTING BY OTHER
- 1.1.4.7. STORMWATER DESIGN REPORT TITLED "STORMWATER DESIGN OF RTE 105 SUBDIVISION" BY SACL DATED 23 APRIL 2024.
- 1.1.4.8. CARACTÉRISATION FORESTIÈRE, PROJET CHELSEA LOT#3 389 672" BY NOVA SYLVADATED 18 MARCH 2024
- 2.**
- 2.1.1.1. THE SUBDIVISION DESIGN IS SENSITIVE TO THE EXISTING NATURAL AND BUILT ENVIRONMENT OF THE MUNICIPALITY OF CHELSEA. THIS INCLUDES CONSIDERATION OF TOPOGRAPHY, VEGETATION, EXISTING WATERBODIES, HISTORIC STRUCTURE AND SURROUNDING LAND USES.
- 2.1.1.2. PROPOSED LOTS ARE BASED UPON A SINGLE HOUSE FOOTPRINT OF APPROXIMATELY 225M². HOUSES ARE TO HAVE A BASEMENT AND BE TWO STORES TALL. ABOVE GROUND SWIMMING POOLS ARE ALLOWED WITHIN THE CONSTRUCTION LIMIT, UNLESS EXPLICITLY NOTED. CONSTRUCTION OUTSIDE THE NOTED CONSTRUCTION LIMIT IS TO BE LIMITED TO SEPTIC SYSTEMS.
- 2.1.1.3. BUILDING PLACEMENT, ORIENTATION, ARCHITECTURE, AND ALL NEW CONSTRUCTION ASPECTS TO RESPECT CHELSEA GUIDELINES
- 2.1.1.4. WHERE POSSIBLE, HOUSES AND NEW CONSTRUCTION ARE TO DRAIN TOWARD ROAD SIDE DITCH.
- 2.1.1.5. WELLS ARE TO BE DESIGNED AS WATERTIGHT, WITH A MINIMUM BUFFER TO SEPTIC SYSTEMS OF 30.0M. THIS MAY BE REDUCED AT THE DISCRETION OF THE SPECIALIZED SEPTIC ENGINEER'S SYSTEM CAPABILITIES
- 2.1.1.6. MINIMAL SITE DISTURBANCE IS TO BE ENSURED. CLEARING OF LARGE SWATHES OF TREES SHOULD PROMPT A HYDRAULIC DESIGN REVIEW. A MAXIMUM OF 400M² OF DEVELOPED AREA IS ASSUMED PER LOT. ADDITIONAL DEVELOPMENT SHOULD BE CONTROLLED LOCALLY USING LID TECHNOLOGIES. LID IMPLEMENTATION PLAN TO BE VERIFIED AT TIME OF CONSTRUCTION OF EACH LOT.
- 2.1.1.7. LOT OWNERS SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT MUNICIPAL AUTHORITIES PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES
- 2.1.1.8. THE SUBDIVISION IS TO BE SERVICED BY WELL AND SEPTIC SYSTEMS, NO CONNECTIONS TO EXISTING INFRASTRUCTURE ARE REQUIRED
- 2.1.1.9. OVERLAND FLOW CHANNELS ARE TO BE MAINTAINED BY THE LOT OWNER TO ENSURE ADEQUATE HYDRAULIC CONNECTIVITY TO THE DRY STORAGE PONDS
- 2.1.1.10. DISCHARGE OUTLETS SHOWN ON PLANS ARE TO BE INSPECTED TWICE A YEAR TO ENSURE CLEAR PASSAGE OF WATER AND DISCHARGE OF DRY STORAGE SYSTEMS.
- 2.1.1.11. ALL STORMWATER MANAGEMENT SYSTEMS ARE DESIGNED BASED ON THE REFERENCED STORMWATER MANAGEMENT DESIGN GUIDE FROM NOTE 1.1.4.7
- 2.1.1.12. ROAD DESIGN IS BASED ON MTO TOME 1 THROUGH TOME 7 AND LOCAL CHELSEA ROAD DESIGN FOR LOW FLOW ROAD
- 2.1.1.13. RIGHT-OF-WAY STANDARDS IS TO BE 15.0M, AND ALL ROADWAYS DITCHES ARE TO BE MAINTAINED AND OWNED BY THE MUNICIPALITY OF CHELSEA. ALL STORMWATER MANAGEMENT SYSTEMS ARE TO BE MAINTAINED AS PER REFERENCE 1.1.4.7
- 2.1.1.14. STICHLING AND ADDITIONAL GRADING ABOVE EXISTING CONDITION IS NOT PERMITTED ON THE LOTS WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
- 2.1.1.15. THIS SUBDIVISION DESIGN AND ITS VARIOUS COMPONENTS ARE FOR CONCEPTUAL APPROVAL ONLY. DIMENSIONS AND LOCATIONS OF VARIOUS ELEMENTS MAY BE CHANGED BY OWNERS AT THE DISCRETION OF CHELSEA BUILDING OFFICIALS AND SACL ENGINEER PRIOR TO CONSTRUCTION
- 3. SIGNAGE AND BARRIERS**
- 3.1.1. ROAD SIGNAGE
- 3.1.1.1. ROAD SIGNAGE IS TO BE PER ROAD SIGNAGE PLAN ON SH17
- 3.1.1.2. ROAD SIGNAGE IS TO BE PLACED A MINIMUM OF 1.0M AWAY FROM PAVED EDGE
- 3.1.1.3. UNDERSIDE OF SIGNAGE TO BE A MINIMUM 2.2 M FROM PAVED SURFACE
- 3.1.1.4. ALL SIGNAGE TO BE AS PER MTO TOME 5
- 3.1.2. DRY STORAGE SIGNAGE
- 3.1.2.1. WARNINGS FOR HIGH WATER LEVEL TO BE PLACED AROUND AREAS DESIGNATED FOR DRY STORAGE. SEE SIGNAGE PLAN FOR DETAILED LOCATIONS
- 3.1.2.2. SIGNAGE FOR DRY STORAGE MAY BE REPLACED WITHIN VEGETATIVE BARRIERS IF REQUIRED
- 3.1.3. SAFETY FEATURES
- 3.1.3.1. VEGETATIVE BARRIERS
- 3.1.3.1.1. WHERE WATER DEPTH IS DESIGNED AT LESS THAN 1.0M, AND THE SIDE SLOPE IS LESS THAN 3H:1V, VEGETATIVE BARRIERS ARE CONSIDERED ADEQUATE
- 3.1.3.1.2. VEGETATIVE BARRIERS ARE TO BE DESIGNED BY OTHERS BUT SHOULD INCLUDE EMERGENT SPECIES OF VEGETATION TO DETER ACCESS.



LEGEND - PLAN

Lot Location	Top
Placement (Dry Area)	Sub-Station 2 (Dry)
Boundary	Street Centre
MS-132 OR MS-06	Centre
Plan Location	Right Edge
Right Hand Edge	Left Flow
Right Hand Edge	Left Line
Right Hand Edge	End of the Slope (Right)
Left Hand Edge	End of the Slope (Left)
Left Hand Edge	End of the Slope (Left)

LEGEND - PROFILE

Plan Slope	Public Right-of-Way
Plan Slope Location	Public Right-of-Way
Plan Slope Station	Centre
Plan Slope Edge	Right-of-Way
Plan Slope	Finished Grade
Left Hand Edge	End of the Slope (Right)
Left Hand Edge	Infrastructure (Village Line)
End of the Slope (Left)	Road Centre Profile
Right Hand Edge	Proposed Level

LEGEND - SUBDIVISION PLAN

Right Hand Edge Examined	Subdivision
Construction Limit	Property Limit
Right of Way	Road C.L.
Natural Features	Gateway River
Roadway 100	

NO.	DATE	REVISIONS
10	08 DECEMBER 2025	ISSUED FOR PERMIT
9	05 OCTOBER 2025	ISSUED FOR PERMIT
8	2 JUNE 2025	ISSUED FOR PERMIT
7	30 JANUARY 2025	ISSUED FOR PERMIT
6	08 OCTOBER 2024	ISSUED FOR CONSTRUCTION
5	28 JUNE 2024	ISSUED FOR PERMIT
4	26 JUNE 2024	ISSUED FOR PERMIT
3	5 JUNE 2024	ISSUED FOR PERMIT
2	11 APRIL 2024	ISSUED FOR PERMIT
1	27 FEB 2024	ISSUED FOR PERMIT

REVISIONS

LEGEND

- ## LOT NUMBERING TEXT
- DN CURVE NUMBER
- EC END OF CURVE
- BC BEGINNING OF CURVE
- AP APPROXIMATE BOREHOLE LOCATION
- MP MONITORING POINT

SERVICE LOCATIONS INDICATED ON SHORING DRAWINGS ARE PROVIDED FOR COORDINATION PURPOSES ONLY.

OTHER SERVICES NOT INDICATED ON THIS DRAWING MAY EXIST.

THE OWNER / GENERAL CONTRACTOR / PROJECT MANAGER SHALL ENSURE THAT ALL THE UNDERGROUND AND OVERGROUND SERVICES BE IDENTIFIED, PROTECTED AND / OR RELOCATED PRIOR TO PROCEEDING WITH ANY DRILLING OR EXCAVATION WORK. DO NOT EXCAVATE OR DRILL BEFORE ALL SERVICES HAVE BEEN LOCATED.

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES TO THE ARCHITECT BEFORE COMMENCING THE WORK.

PRINTS ARE NOT TO BE SCALED. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

DRAWINGS WITHOUT ENGINEER'S SIGNATURE SHALL BE CONSIDERED AS INCOMPLETE AND ARE FOR INFORMATION ONLY.



Job Title: **HWY 105 DEVELOPMENT**

CHELSEA, QUÉBEC

Sheet Title: **LOT #15**



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