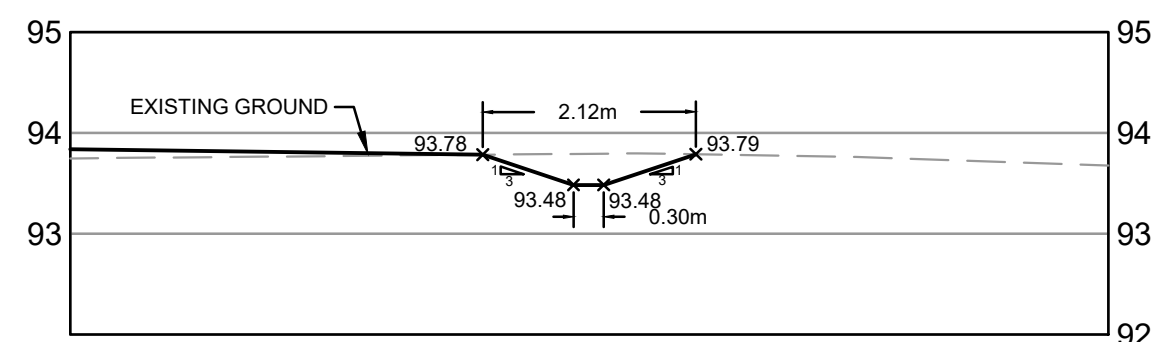


SCALE 1:75

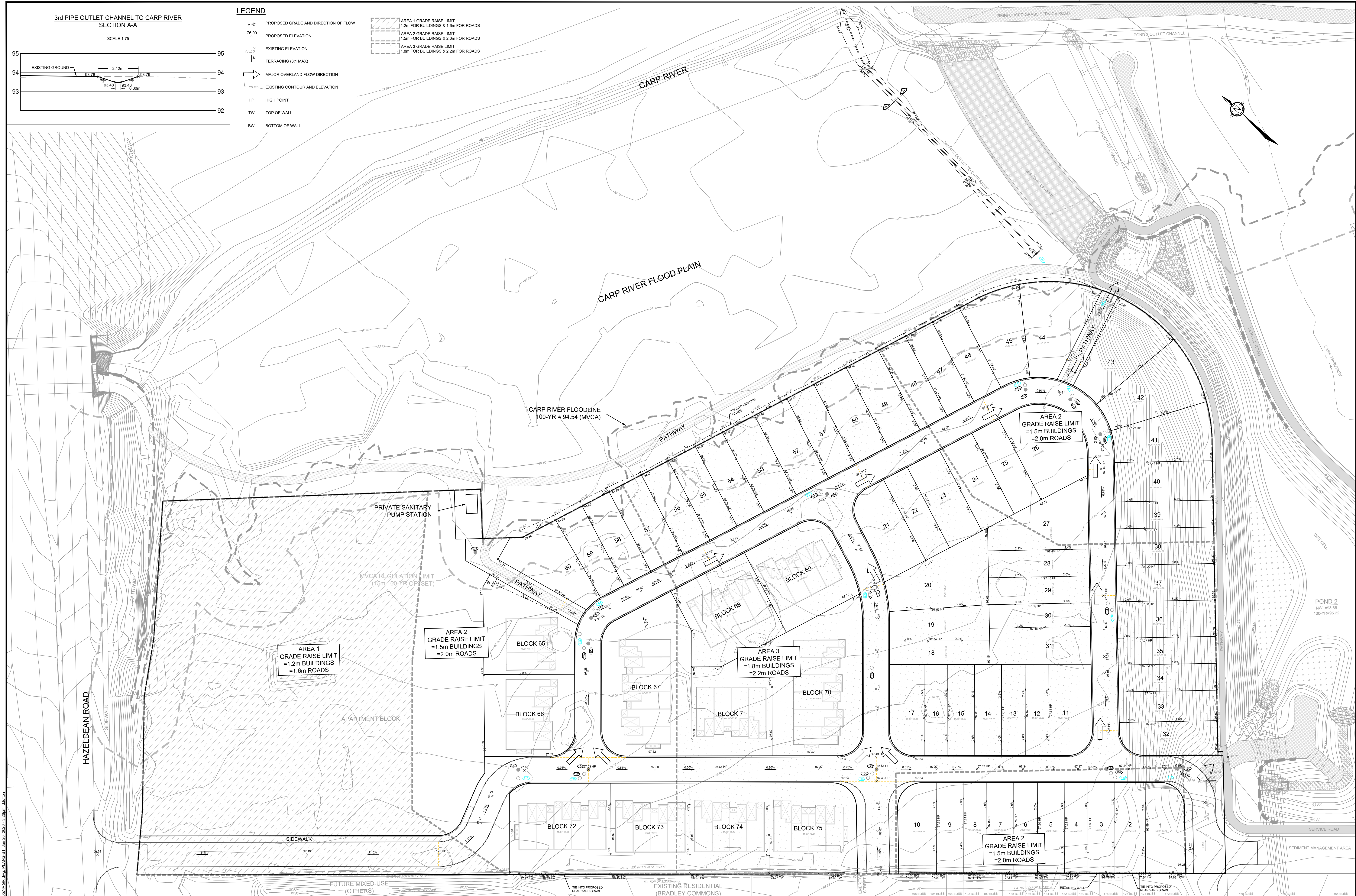
SCALE 1:75



The diagram illustrates a proposed road cross-section with the following details:

- PROPOSED GRADE AND DIRECTION OF FLOW:** Indicated by a dashed line at the top with a 2.5% slope.
- PROPOSED ELEVATION:** Shown as a solid line with an elevation of 76.90.
- EXISTING ELEVATION:** Shown as a dashed line with an elevation of 77.50.
- TERRACING (3:1 MAX):** Indicated by a vertical line with a 3:1 slope ratio.
- MAJOR OVERLAND FLOW DIRECTION:** Indicated by a large arrow pointing to the right.
- EXISTING CONTOUR AND ELEVATION:** Shown as a dashed line with an elevation of 107.00.
- HP (HIGH POINT):** Marked with a dot on the existing contour line.
- TW (TOP OF WALL):** Marked with a dot on the proposed grade line.
- BW (BOTTOM OF WALL):** Marked with a dot on the proposed grade line.

- | | |
|---|---|
|  | AREA 1 GRADE RAISE LIMIT
1.2m FOR BUILDINGS & 1.6m FOR ROADS |
|  | AREA 2 GRADE RAISE LIMIT
1.5m FOR BUILDINGS & 2.0m FOR ROADS |
|  | AREA 3 GRADE RAISE LIMIT
1.8m FOR BUILDINGS & 2.2m FOR ROADS |



NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS,
WATERMANS, SEWERS AND OTHER
UNDERGROUND AND OVERGROUND UTILITIES AND
STRUCTURES IS NOT NECESSARILY SHOWN ON
THE CONTRACT DRAWINGS, AND WHERE SHOWN,
THE ACCURACY OF THE POSITION OF SUCH
UTILITIES AND STRUCTURES IS NOT GUARANTEED.
BEFORE STARTING WORK, DETERMINE THE EXACT
LOCATION OF ALL SUCH UTILITIES AND
STRUCTURES AND ASSUME ALL LIABILITY FOR
DAMAGE TO THEM.

2.	DP COMMENT RESOLUTION	JAN 2026	M
1.	DRAFT PLAN APPLICATION	AUG 15/25	M
No.	REVISION	DATE	B

SCALE

1:500



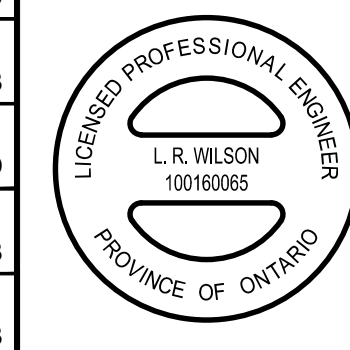
DESIGN

	1980	1985	1990	1995	2000	2005	2010	2015	2020
Population	76.0	80.0	83.0	86.0	89.0	92.0	95.0	98.0	100.0
GDP per capita	1,000	1,200	1,400	1,600	1,800	2,000	2,200	2,400	2,600
Life expectancy at birth	65	68	71	74	77	80	83	86	89
Urban population (%)	30	35	40	45	50	55	60	65	70
Employment in agriculture (%)	40	35	30	25	20	15	10	5	0
Government expenditure as % of GDP	10	12	14	16	18	20	22	24	26
Foreign aid as % of GDP	5	6	7	8	9	10	11	12	13
Healthcare expenditure as % of GDP	3	4	5	6	7	8	9	10	11
Primary school enrollment rate (%)	50	60	70	80	90	95	98	99	100
Secondary school enrollment rate (%)	20	30	40	50	60	70	80	90	95
Tertiary education enrollment rate (%)	5	10	15	20	25	30	35	40	45
Research and development expenditure as % of GDP	0.5	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6
Patent applications per million people	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Internet usage percentage	0	0	0	0	0	0	0	0	0
Air travel per person	0	0	0	0	0	0	0	0	0
Mobile phone ownership per 100 people	0	0	0	0	0	0	0	0	0
Electricity consumption per capita	100	150	200	250	300	350	400	450	500
Renewable energy share of total energy supply (%)	10	12	14	16	18	20	22	24	26
Fossil fuel dependence (%)	90	88	86	84	82	80	78	76	74
Carbon dioxide emissions per capita	0.5	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6
Forest cover as % of land area	20	22	24	26	28	30	32	34	36
Biodiversity index	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6
Gender inequality index	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0
Human Development Index	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
Corruption perception index	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
Trust in government	30	35	40	45	50	55	60	65	70
Civil liberties score	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Press freedom index	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Academic freedom index	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Religious tolerance index	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Economic growth rate (%)	5	6	7	8	9	10	11	12	13
Inflation rate (%)	5	6	7	8	9	10	11	12	13
Unemployment rate (%)	10	12	14	16	18	20	22	24	26
Poverty headcount ratio (%)	20	18	16	14	12	10	8	6	4
Income inequality (Gini coefficient)	0.4	0.35	0.3	0.25	0.2	0.15	0.1	0.05	0.0
Public debt as % of GDP	10	12	14	16	18	20	22	24	26
Central bank independence	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Monetary policy effectiveness	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Financial system stability	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Banking sector efficiency	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Insurance market penetration	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5
Stock market capitalization as % of GDP	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5
FDI inflows as % of GDP	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5
Export diversification index	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Import dependency ratio	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Trade openness (% of GDP)	10	12	14	16	18	20	22	24	26
WTO membership	0	0	0	0	0	0	0	0	0
Regional trade agreement participation	0	0	0	0	0	0	0	0	0
Global climate agreement participation	0	0	0	0					

	CHECKED
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APPROVE

FOR REVIEW ONLY



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CITY of OTTAWA
560 HAZELDEAN ROAD - DOUBLE DECK SUBDIVISION

MASTER GRADING PLAN

PROJECT No. _____

100057-05

DRAWING No.

100057-MGR