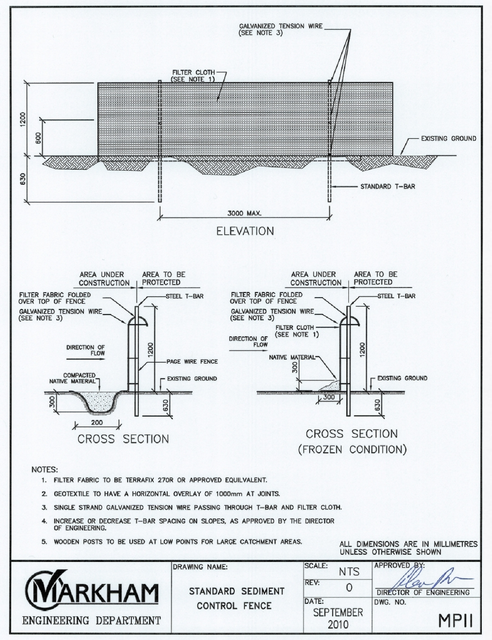
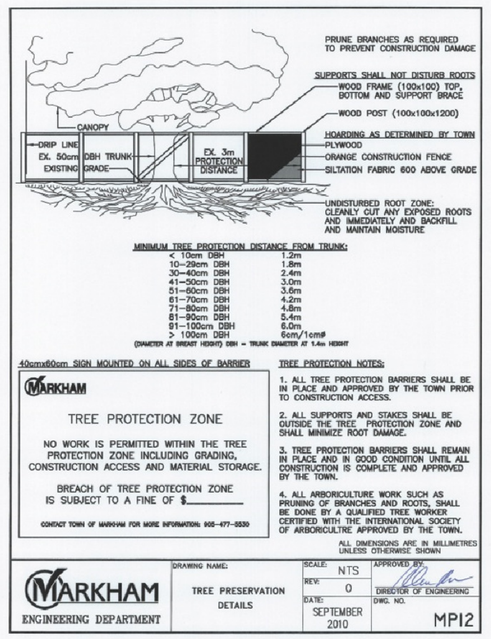


NOTES:

1. FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUIVALENT.
2. GEOTEXTILE TO HAVE A HORIZONTAL OVERLAY OF 1000mm AT JOINTS.
3. SINGLE STRAND GALVANIZED TENSION WIRE PASSING THROUGH T-BAR AND FILTER CLOTH.
4. INCREASE OR DECREASE T-BAR SPACING ON SLOPES, AS APPROVED BY THE DIRECTOR OF ENGINEERING.
5. WOODEN POSTS TO BE USED AT LOW POINTS FOR LARGE CATCHMENT AREAS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN

MARKHAM ENGINEERING DEPARTMENT	DRAWING NAME: STANDARD SEDIMENT CONTROL FENCE	SCALE: NTS	REV: 0	APPROVED BY: DIRECTOR OF ENGINEERING	DATE: SEPTEMBER 2010	DWG. NO. MP11



MINIMUM TREE PROTECTION DISTANCE FROM TRUNK:

< 10cm DBH	1.2m
10–20cm DBH	1.8m
30–40cm DBH	2.4m
41–50cm DBH	3.0m
51–60cm DBH	3.6m
61–70cm DBH	4.2m
71–80cm DBH	4.8m
81–90cm DBH	5.4m
91–100cm DBH	6.0m
> 100cm DBH	6cm/1cmØ

(DIAMETER OF BREAST HEIGHT) DBH = TRUNK DIAMETER AT 1.4m HEIGHT

40cmx60cm SIGN MOUNTED ON ALL SIDES OF BARRIER

MARKHAM

TREE PROTECTION ZONE

NO WORK IS PERMITTED WITHIN THE TREE PROTECTION ZONE INCLUDING GRADING, CONSTRUCTION ACCESS AND MATERIAL STORAGE.

BREACH OF TREE PROTECTION ZONE IS SUBJECT TO A FINE OF $_____

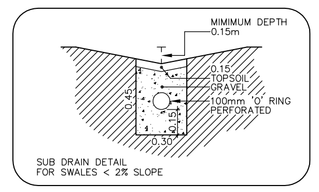
CONTACT TOWN OF MARKHAM FOR MORE INFORMATION: 905-477-5530

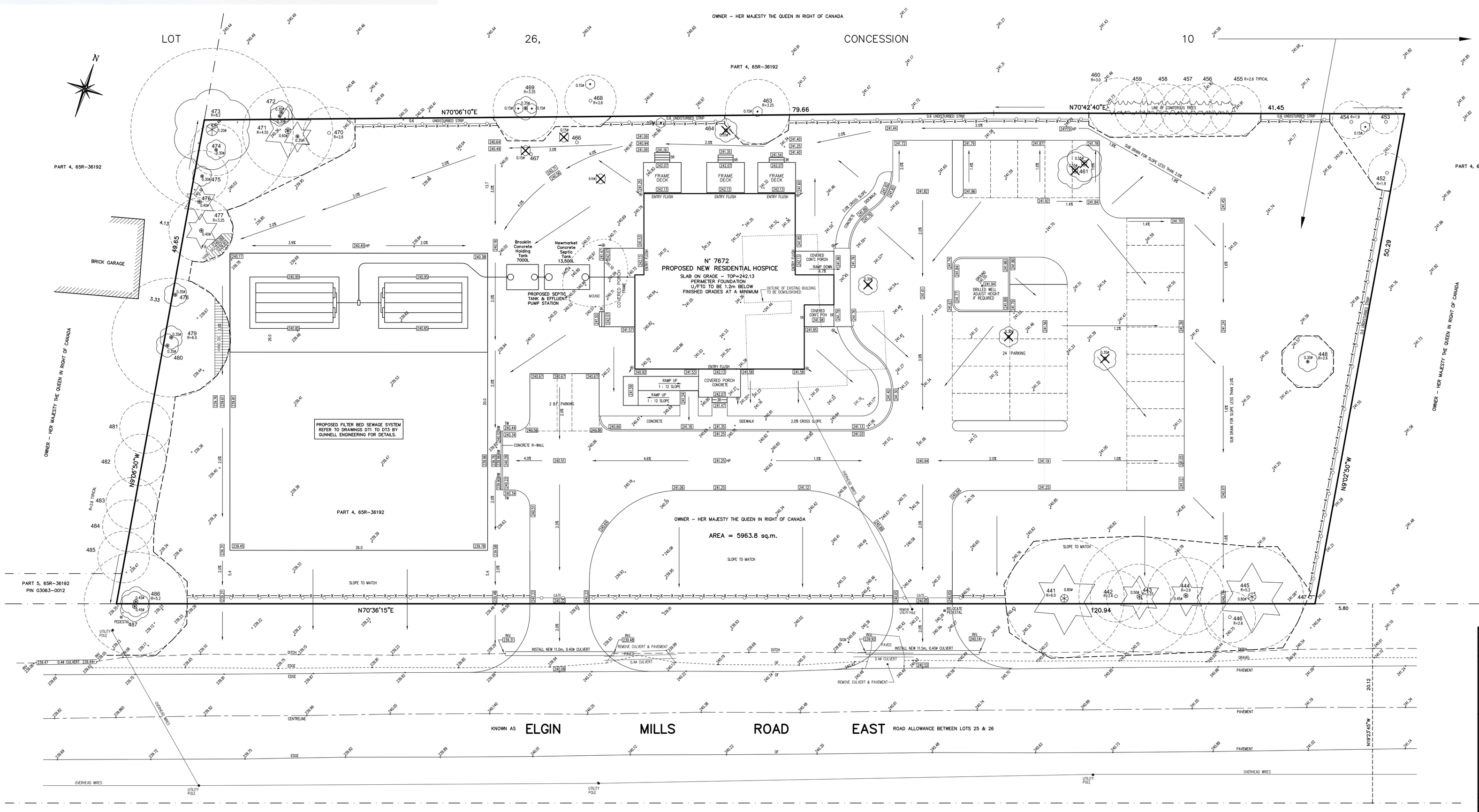
TREE PROTECTION NOTES:

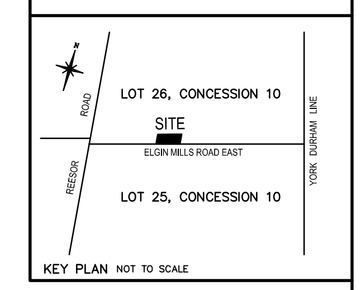
1. ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
2. ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
3. TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
4. ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTRE APPROVED BY THE TOWN.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN

MARKHAM ENGINEERING DEPARTMENT	DRAWING NAME: TREE PRESERVATION DETAILS	SCALE: NTS	REV: 0	APPROVED BY: DIRECTOR OF ENGINEERING	DATE: SEPTEMBER 2010	DWG. NO. MP12







LEGAL DESCRIPTION

PART OF LOT 26, CONCESSION 10
CITY OF MARKHAM GEOGRAPHIC TOWNSHIP OF MARKHAM
REGIONAL MUNICIPALITY OF YORK
SCALE 1 : 200
E. W. BOWYER B.Sc., O.L.S.

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CAUTION

OVERGROUND AND UNDERGROUND SERVICES AND UTILITIES ARE LOCATED ON THIS PLAN HOWEVER, IT IS THE CONTRACTOR(S) RESPONSIBILITY TO SATISFY THEMSELVES OF THE EXACT LOCATIONS OF THEM PRIOR TO THE COMMENCEMENT OF ANY WORK AND BE LIABLE FOR ANY DAMAGE TO THEM.

THIS IS NOT A PLAN OF SURVEY.

BENCHMARK

ELEVATIONS ARE REFERRED TO BM 092901300.
ELEVATION = 237.69

LEGEND

225.50	DENOTES PROPOSED ELEVATION
+225.45	DENOTES EXISTING ELEVATION
	DENOTES DECIDUOUS / CONIFEROUS TREE
	DENOTES REMOVE TREE
	DENOTES RAIN WATER LEADER
HP	DENOTES HIGH POINT
TPZ	DENOTES TREE PROTECTION ZONE
TW / BW	DENOTES TOP WALL / BOTTOM WALL
#	DENOTES DIAMETER
	DENOTES TREE PROTECTION ZONE AREA
	DENOTES OUTLINES OF EXISTING STRUCTURE
—x—x—x—	DENOTES SEDIMENT CONTROL FENCE (MP11)
	DENOTES TREE HOARDING FENCE (MP12)
	DENOTES 1.8m HIGH MODULAR FENCING
	DENOTES PROPERTY LINE
	DENOTES BELL LINE
	DENOTES OVERHEAD WIRES
	DENOTES LOT FABRIC
	DENOTES HAND DIG AREA

CREDITS

BUILDING DESIGN AND POSITION DAVID JOHNSON ARCH. LTD.
SURVEY DATA BY E. W. BOWYER INC.
SEPTIC DESIGN – GUNNELL ENGINEERING LTD.
ABORIST – TRISHA THOMSON

No.	DESCRIPTION	DATE
1	1st SUBMISSION	17 JUNE 2026

REVISIONS

MARKHAM
THE CORPORATION OF THE CITY OF MARKHAM
ENGINEERING DEPARTMENT

ASSOCIATION OF ONTARIO LAND SURVEYORS – E.W. BOWYER – 17/06/2026 – 1880

7672 ELGIN MILLS ROAD EAST
OWNER – HER MAJESTY THE QUEEN IN RIGHT OF CANADA

E. W. BOWYER INC.
ONTARIO LAND SURVEYORS
LAND DEVELOPMENT CONSULTANTS
9570 HIGHWAY # 48, SUITE 208
MARKHAM, ONTARIO L6E 1A3
TELEPHONE (905) 294-5593
EMAIL ewbowyer@rogers.com

SITE SERVICING/GRADING PLAN

DESIGN BY: E. W. BOWYER	CHECKED BY: E. W. BOWYER	C:\OLD\2025\25-113-SP5.DWG
DRAWN BY: E. W. BOWYER	CHECKED BY: E. W. BOWYER	
SCALE: 1 : 200	0 1 2 3 4 5 metres	DWG No: M-684-SP5
DATE: 17 JUNE 2026		

CITY FILE No.: