APPENDIX C

LSS EXCERPTS

Appendix C1:
Phase 1 Excerpts

4.1.2 Stormwater Management Criteria

The following stormwater management criteria have been established based on the greatest requirements of each of the design guidelines and standards listed in **Section 1.3**, through discussions with agencies and review of previous studies. The stormwater management criteria are summarized below in **Table 4.2 (Appendix D3).** The Humber River unit flow target release rates are provided in **Appendix D4.**

4.1.3 Regional Storm Event Quantity Control Targets

The most recent hydrologic model for the Humber River watershed was obtained from the TRCA in January 2024. The Regional (Hurricane Hazel) Storm event pre-development peak flow was obtained for each catchment from the existing conditions scenario of the hydrologic model. Per discussions with TRCA (Dilnesaw Chekol, TRCA and Andrea Keeping, SCS Consulting Group Ltd., September 23, 2024) the total existing conditions catchment peak flow was divided by the total catchment area to get a quantity control target unit rate, as summarized in **Table 4.3 (Appendix D3)**.

To facilitate the development of quantity control targets for stormwater management (SWM) during the Regional Storm event, the TRCA catchments were discretized into subcatchments within the WVSP area, as outlined in **Section 4.1**. Refer to **Figure 4.2 (Appendix D1)** for an illustration of the subcatchments. The target unit rates for each catchment, per **Table 4.3 (Appendix D3)**, were then applied to the subcatchment pre-development area in order to establish target flows for SWM facilities. Refer to **Table 4.4 (Appendix D3)** for the quantity control target flows for the subcatchments within the WVSP area.

In addition to providing post- to pre-development quantity controls for the Regional Storm event, it is required that there are no increases in peak flow in downstream FVAs (refer to **Table 4.2, Appendix D3**). The Regional Storm event peak flows at nodes downstream of the WVSP area, including within the FVA identified in **Section 2.3.7.2**, have been summarized in **Table 4.5 (Appendix D3)**. These nodal peak flows are to be utilized in Phase 2 of this LSS to confirm that the proposed SWM measures will mitigate any potential increases in peak flow downstream of the WVSP area. Refer to **Appendix D5** for the hydrologic model schematic, node location, summary output for the nodes specified and a digital link to the hydrologic modelling files.

Table 2.13: Headwater Drainage Feature Classification and Management Recommendations

DRAINAGE FEATURE SEGMENT	STEP 1. HYDROLOGY		STEP 2. RIPARIAN	STEP 3. FISH HABITAT	STEP 4. TERRESTRIAL HABITAT	MANAGEMENT RECOMMENDATION PER HDFA GUIDELINES	INTERPRETED MANAGEMENT RECOMMENDATION – WILDFIELD VILLAGE CONSULTANT TEAM*
	FUNCTION	MODIFIERS					
H1S1	FT – 7 (swale) FC – 2 (Round 1) FC– 2 (Round 2; 2022) FC – 1 (Round 2; 2024) FC– 1 (Round 3; 2022) **Contributing** – Reach was holding standing water during spring assessments and was dry by early summer Considering the topography, it is anticipated this feature will display ephemeral flow.	Hydrology modified by adjacent and upstream agricultural activities.	**Limited** – Riparian area consists of active agricultural crops.	**Valued** – This feature provides contributing habitat for Redside Dace.	**Limited** – The swale provides limited terrestrial function.	**Conservation**	**Mitigation**
H1S3	FT – Unknown (Non-participating ownership) **Contributing** – (Assumed) Immediate downstream reach was classified as Contributing.	Hydrology modified by adjacent and upstream agricultural activities.	**Limited** – Riparian area consists of disturbed land and agricultural crops.	**Valued** – This feature provides contributing habitat for Redside Dace.	**Unknown** (Non-participating ownership)	**Conservation**	**Mitigation**

38.07
284.51 ha

36.10
339.61 ha

38.06
173.74 ha

36.11
146.57 ha

38.04
142.38ha

38.05
47.43 ha

CULVERT #22
EXISTING 600mm CULVERT
W INV. = 248.17m
E INV. = 247.97m

CULVERT #21
EXISTING GABION CULVERT
W INV. = 228.19m
E INV. = 227.06m

CULVERT #20
EXISTING 600mm CULVERT
W INV. = 247.66m
E INV. = 247.60m

CULVERT #23
EXISTING 450mm CULVERT
W INV. = 252.40m
E INV. = 252.23m

CULVERT #1
EXISTING 600mm CULVERT
W INV. = 248.30m
E INV. = 248.15m

CULVERT #19
EXISTING 4500mm CULVERT
W INV. = 222.26m
E INV. = 222.41m

CULVERT #2
EXISTING 450mm CULVERT
W INV. = 248.53m
E INV. = 248.36m

CULVERT #18
OUTLET LOCATION #12
EXISTING 380mm CULVERT

CULVERT #3
EXISTING 1000mm CULVERT
W INV. = 238.16m
E INV. = 238.05m

CULVERT #17
EXISTING 950mm CULVERT
W INV. = 233.28m
E INV. = 232.74m

CULVERT #4
EXISTING 480mm CULVERT
INV. = 237.70m

CULVERT #16
EXISTING 600mm CSP CULVERT
W INV. = 232.02m
E INV. = 231.50m

CULVERT #15
EXISTING 1000mm CULVERT
W INV. = 228.42m
E INV. = 228.18m

CULVERT #14
EXISTING 1300mm CULVERT
W INV. = 222.12m
E INV. = 221.10m

CULVERT #13
EXISTING 650mm CULVERT
W INV. = 222.08m
E INV. = 221.37m

CULVERT #5
EXISTING 900mm CULVERT
W INV. = 229.72m
E INV. = 229.80m

CULVERT #6
EXISTING 750mm CULVERT
W INV. = 227.94m
E INV. = 228.30m

CULVERT #7
EXISTING 600mm CULVERT
W INV. = 226.59m
E INV. = 226.90m

CULVERT #12
EXISTING 350mm CSP CULVERT
W INV. = 222.30m
E INV. = 222.47m

CULVERT #11
EXISTING 1500mm CSP CULVERT
W INV. = 217.53m
E INV. = 217.27m

CULVERT #8
EXISTING 450mm CULVERT
N INV. = 227.03
S INV. = 227.03

CULVERT #9
EXISTING 1000mm CULVERT
N INV. = 221.32m
S INV. = 220.65m

CULVERT #10
EXISTING 950mm CSP CULVERT
N INV. = 218.65m
S INV. = 217.76m

HEALEY ROAD
MAYFIELD ROAD
CENTERVILLE CREEK ROAD
THE GORE ROAD
WEST HUMBER RIVER
WEST TRIBUTARY TO WEST HUMBER RIVER
EAST TRIBUTARY TO WEST HUMBER RIVER
TRIBUTARY H5S1/S2/S3
MCLEAN DRIVE

CATCHMENTS LEGEND:

CATCHMENT 36.11 BOUNDARY	CATCHMENT 36.11 AREA
CATCHMENT 36.10 BOUNDARY	CATCHMENT 36.10 AREA
CATCHMENT 38.06 BOUNDARY	CATCHMENT 38.06 AREA
CATCHMENT 38.04 BOUNDARY	CATCHMENT 38.04 AREA
CATCHMENT 38.07 BOUNDARY	CATCHMENT 38.07 AREA
CATCHMENT 38.05 BOUNDARY	CATCHMENT 38.05 AREA

100 50 0 100 200 300 400 500 600

LEGEND:

- WILDFIELD VILLAGE SECONDARY PLAN (WVSP) AREA LIMITS
- WATERCOURSE (TRCA, 2018)
- EXISTING CULVERT
- ID / 153.27 ha — HUMBER RIVER CATCHMENT ID (TRCA, 2018); CATCHMENT DRAINAGE AREA (HECTARES)
- FLOW DIRECTION

SCS consulting group ltd
30 CENTURIAN DRIVE, SUITE 100
MARKHAM, ONTARIO L3R 8B8
TEL: (905) 475-1900
FAX: (905) 475-8335

WILDFIELD VILLAGE

EXISTING HUMBER RIVER CATCHMENTS

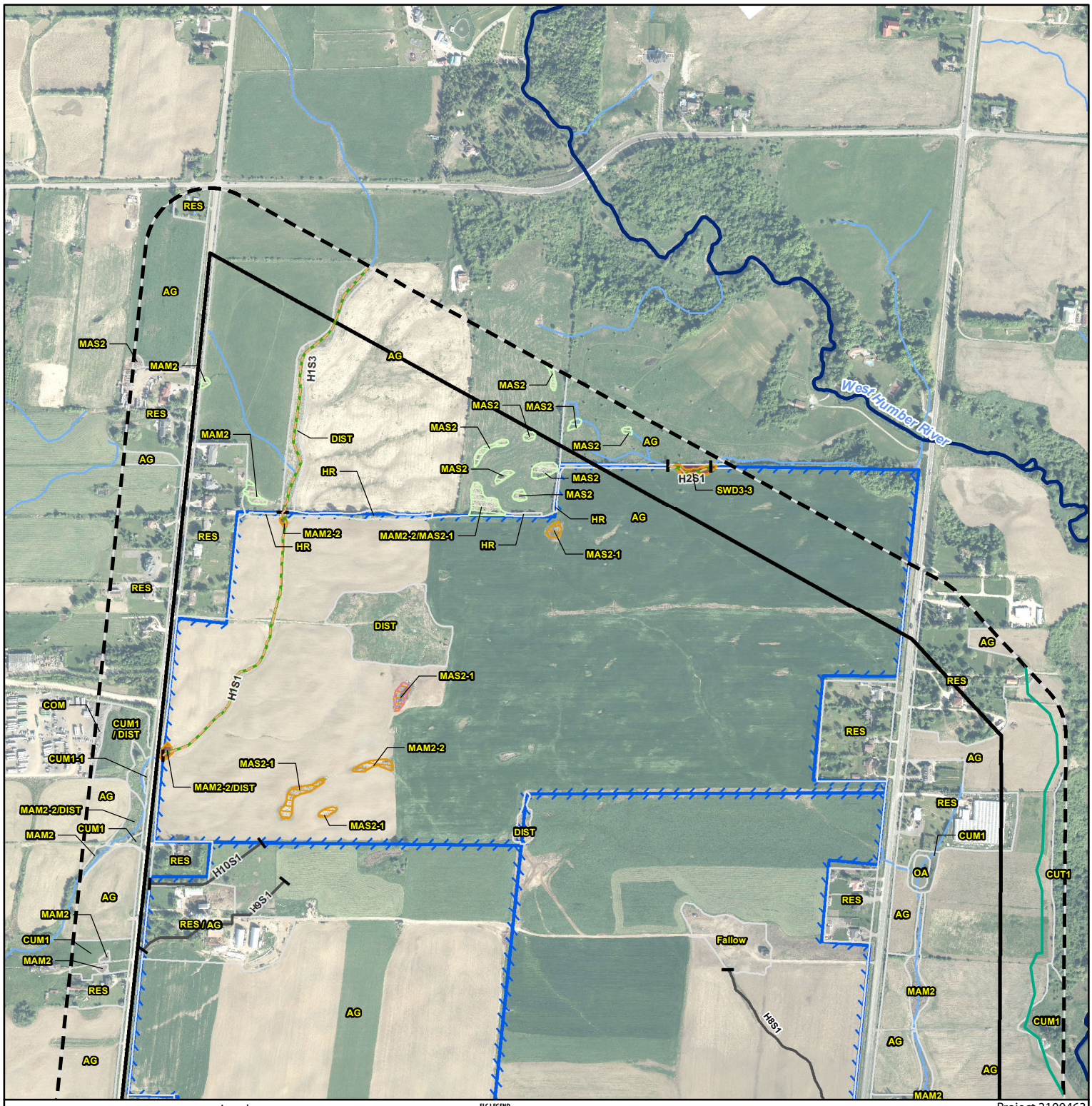
DESIGNED BY: R.R.B.	CHECKED BY: A.R.K.	PROJECT No: 2630	FIGURE No: 4.1
SCALE: 1:7000	DATE: SEPTEMBER 2024		

File: P:\2630 Wildfield Village\Drawings\LSS\Fig\Report Figures\2630P-STRM-EXST-4.1.dwg – Revised by <JNELLAS> : Fri, Oct 04 2024 – 3:13pm

Table 4.3: Regional Storm Quantity Control Target Unit Rates

Catchment[1]	NHYD ID[2]	Total Catchment Area[2] (ha)	Regional Storm Total Catchment Peak Flow[2] (m^3/s)	Regional Storm Quantity Control Target Unit Rate[3] ($m^3/s/ha$)
36.10	560	339.61	23.674	0.070
36.11	561	146.57	10.904	0.074
38.04	577	142.38	10.896	0.077
38.05	578	47.43	5.139	0.108
38.06	579	173.74	12.867	0.074

[1] Refer to **Figure 4.1** for catchment locations.
[2] Per TRCA hydrologic model. Refer to **Appendix D3**.
[3] Target Unit Rate is calculated based on Total Catchment Peak Flow (TRCA model) divided by the Total Catchment Area.



NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2024; © Toronto Region Conservation Authority, 2021.
3. Orthoimagery © First Base Solutions, 2021. Imagery taken in 2020.

* Non-participating lands were assessed through air photo interpretation to the ELC Ecosite level.

Legend

- Wildfield Secondary Plan Area
- Adjacent 120m
- Participating Landowner
- Ecological Land Classification*
- Potential Watercourse or Headwater Drainage Feature
- West Humber River
- Preliminary Long Term Stable Top of Slope (GEI Consultants Ltd.)
- Significant Woodland

Staked Limits (Sept 20, 2024)

- Wetland Staked by TRCA and GEI
- Dripline - CUW1 (GEI)

Headwater Drainage Feature

Management Recommendations

- Mitigation
- No Management Required

Wetland Evaluation (GEI Consultants Ltd.)

- Significant Wetland
- Other Wetland
- Unevaluated Wetland

Redside Dace Contributing Habitat

- Wetlands
- Headwater Drainage Features and Watercourses

Significant Wildlife Habitat

- Turtle Overwintering Area
- Species of Conservation Concern (Terrestrial Crayfish)
- Species of Conservation Concern (Wood Thrush)

ELC LEGEND

AG, Agricultural
COM, Commercial
CUM1 / DIST, Mineral Cultural Meadow/Disturbed
CUM1 / MAM2, Mineral Cultural Meadow/Mineral Meadow Marsh
CUM1 / OA, Mineral Cultural Meadow/Open Aquatic
CUM1, Mineral Cultural Meadow
CUM1-1 (mowed), Mineral Cultural Meadow
CUP3, Coniferous Plantation
CUT 1, Mineral Cultural Thicket
CUW 1, Mineral Cultural Woodland
DIST / CUM1, Disturbed/Mineral Cultural Meadow
DIST, Disturbed
Drain, Drain
FOC, Coniferous Forest
FOC2-2, Dry – Fresh White Cedar Coniferous Forest
FOD7, Fresh-Moist Lowland Deciduous Forest
FOM, Mixed Forest
Fallow, Fallow
HR, Hedgerow
Lawn, Lawn
MA, Marsh
MAM2 / DIST, Mineral Meadow Marsh / Disturbed
MAM2 / Drain, Mineral Meadow Marsh / Drain
MAM2, Mineral Meadow Marsh
MAM2-10, Forb Mineral Meadow Marsh
MAM2-2, Reed Canary Grass Mineral Meadow Marsh
MAM2-2/DIST, Reed-canary Grass Mineral Meadow Marsh/Disturbed
MAM2-2/MAS2-1, Reed Canary Grass Mineral Meadow Marsh/Cattail Mineral Shallow Marsh
MAS2, Mineral Shallow Marsh
MAS2-1, Cattail Mineral Shallow Marsh
OA, Open Aquatic
RES / AG, Residential/Agricultural
RES, Residential
SA, Shallow Aquatic
SWD3-2, Silver Maple Mineral Deciduous Swamp
SWD3-3, Swamp Maple Mineral Deciduous Swamp
THDM2-6, Buckthorn Deciduous Shrub Thicket

Project 2100463

Wildfield Local Subwatershed Study
Wildfield Village Landowners Group Inc.

Figure 2.2 Observed Natural Heritage Features

0 100 m
1:10,000

GEI Consultants



NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2024; © Toronto Region Conservation Authority, 2021.
3. Orthoimagery © First Base Solutions, 2021. Imagery taken in 2020.

* Non-participating lands were assessed through air photo interpretation to the ELC Ecosite level.

Legend

- Wildfield Secondary Plan Area
- Adjacent 120m
- Participating Landowner
- Ecological Land Classification*
- Watercourse (GEI Consultants Ltd.)
- Potential Watercourse or Headwater Drainage Feature
- West Humber River
- Preliminary Long Term Stable Top of Slope (GEI Consultants Ltd.)
- Meander Belt (GEI)
- Significant Woodland

Staked Limits (Sept 20, 2024)

- Wetland Staked by TRCA and GEI
- Dripline - CUW1 (GEI)

Headwater Drainage Feature

Management Recommendations

- Mitigation
- No Management Required

Wetland Evaluation (GEI Consultants Ltd.)

- Significant Wetland
- Other Wetland
- Unevaluated Wetland

Redside Dace Contributing Habitat

- Wetlands
- Headwater Drainage Features and Watercourses

Fish Habitat

- Fish Observation Location
- Fish Habitat (Watercourse)

Significant Wildlife Habitat

- Turtle Overwintering Area
- Species of Conservation Concern (Terrestrial Crayfish)
- Species of Conservation Concern (Wood Thrush)

ELC LEGEND

AG, Agricultural
COM, Commercial
CUM1 / DIST, Mineral Cultural Meadow/Disturbed
CUM1 / MAM2, Mineral Cultural Meadow/Mineral Meadow Marsh
CUM1 / OA, Mineral Cultural Meadow/Open Aquatic
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CUT1, Mineral Cultural Thicket
CUW1, Mineral Cultural Woodland
DIST / CUM1, Disturbed/Mineral Cultural Meadow
DIST, Disturbed
Drain, Drain
FOC, Coniferous Forest
FOC2-2, Dry – Fresh White Cedar Coniferous Forest
FOD7, Fresh-Moist Lowland Deciduous Forest
FOM, Mixed Forest
Fallow, Fallow
HR, Hedgerow
Lawn, Lawn
MA, Marsh
MAM2 / DIST, Mineral Meadow Marsh / Disturbed
MAM2 / Drain, Mineral Meadow Marsh / Drain
MAM2, Mineral Meadow Marsh
MAM2-10, Forb Mineral Meadow Marsh
MAM2-2, Reed Canary Grass Mineral Meadow Marsh
MAM2-2/DIST, Reed-canary Grass Mineral Meadow Marsh/Disturbed
MAM2-2/MAS2-1, Reed Canary Grass Mineral Meadow Marsh/Cattail Mineral Shallow Marsh
MAS2, Mineral Shallow Marsh
MAS2-1, Cattail Mineral Shallow Marsh
OA, Open Aquatic
RES / AG, Residential/Agricultural
RES, Residential
SA, Shallow Aquatic
SWD3-2, Silver Maple Mineral Deciduous Swamp
SWD3-3, Swamp Maple Mineral Deciduous Swamp
THDM2-6, Buckthorn Deciduous Shrub Thicket

Project 2100463

Wildfield Local Subwatershed Study
Wildfield Village Landowners Group Inc.

Figure 2.2
Observed Natural Heritage Features

0 100 m
1:10,500

GEI Consultants

CULVERT #23
EXISTING 450mm CULVERT
W INV. = 252.40m
E INV. = 252.23m

CULVERT #22
EXISTING 600mm CULVERT
W INV. = 248.17m
E INV. = 247.97m

CULVERT #21
EXISTING GABION CULVERT
W INV. = 228.19m
E INV. 227.06m

CULVERT #20
EXISTING 600mm CULVERT
W INV. = 247.66m
E INV. = 247.60m

CULVERT #1
EXISTING 600mm CULVERT
W INV. = 248.30m
E INV. = 248.15m

CULVERT #2
EXISTING 450mm CULVERT
W INV. = 248.53m
E INV. = 248.36m

CULVERT #19
EXISTING 4500mm CULVERT
W INV. = 222.26m
E INV. = 222.41m

CULVERT #18
OUTLET LOCATION #12
EXISTING 380mm CULVERT

CULVERT #3
EXISTING 1000mm CULVERT
W INV. = 238.16m
E INV. = 238.05m

CULVERT #4
EXISTING 480mm CULVERT
INV. = 237.70m

CULVERT #17
EXISTING 950mm CULVERT
W INV. = 233.28m
E INV. = 232.74m

CULVERT #16
EXISTING 600mm CSP CULVERT
W INV. = 232.02m
E INV. = 231.50m

CULVERT #15
EXISTING 1000mm CULVERT
W INV. = 228.42m
E INV. = 228.18m

CULVERT #14
EXISTING 1300mm CULVERT
W INV. = 222.12m
E INV. = 221.10m

CULVERT #13
EXISTING 650mm CULVERT
W INV. = 222.08m
E INV. = 221.37m

CULVERT #12
EXISTING 350mm CSP CULVERT
W INV. = 222.30m
E INV. = 222.47m

CULVERT #11
EXISTING 1500mm CSP CULVERT
W INV. = 217.53m
E INV. = 217.27m

CULVERT #10
EXISTING 950mm CSP CULVERT
N INV. = 218.65m
S INV. = 217.76m

CULVERT #9
EXISTING 1000mm CULVERT
N INV. = 221.32m
S INV. = 220.65m

CULVERT #8
EXISTING 450mm CULVERT
N INV. = 227.03
S INV. = 227.03

CULVERT #7
EXISTING 600mm CULVERT
W INV. = 226.59m
E INV. = 226.90m

CULVERT #6
EXISTING 750mm CULVERT
W INV. = 227.94m
E INV. = 228.30m

CULVERT #5
EXISTING 900mm CULVERT
W INV. = 229.72m
E INV. = 229.80m

228.42EX @ EDGE OF PAVEMENT OF MAYFIELD ROAD

224.08EX @ EDGE OF PAVEMENT OF MAYFIELD ROAD

HEALEY ROAD

MAYFIELD ROAD

CENTREVILLE CREEK ROAD

THE GORE ROAD

WEST HUMBER RIVER

WEST TRIBUTARY TO WEST HUMBER RIVER

EAST TRIBUTARY TO WEST HUMBER RIVER

TRIBUTARY H5S1/S2/S3

GORD DENNIS

BURSTEIN FAMILY

TAMMAO
SIDHU
GIGLIOTTI
DHALIWAL
CIARALLO
MOHIL
SAHOTA

GLOBAL PROPERTIES (2) INC.

BADWAL
PESCITELLI
CHANA SINGH
ANTHONY

PIERCY, BROOK, EZARD

SAHOTA
GULLUSCI
GRECO

GLOBAL PROPERTIES (1) INC.

GLOBAL PROPERTIES INC.

COLLURA
CALCE
COPETTI
FOSAROLLI

TONY & GINA ABELLA

DOIRON

ONKAR INVESTMENT INC.

PIERCEY

CAVALLINO ESTATES INC.

CAROZZA

ESHOO AZIZ
AMATO

NOVAMARK HOLDINGS LTD.

CAPPELLO
DIVA KALOGERAKOS

ONE VALUE LTD.
AVTAR & MANJIT KALKAT

GIOGIA & TERESA VESCIO

CHARLES SPANO
GIUSEPPE SPANO

TRINITY FIELD INC.

BAGA
RANJIT KAUR RAI &
DILBAGH SINGH

GIGLIO

SUKHVINDER & SARBJIT GILL

MIKE RASO

D'ALESSANDRO
COLAVITA

LESLIE FARKAS

7072A HOLDINGS LTD.

KALIRAO

CHIODO
BARBERI

DIEGO SPANO

GILL

NEW TIME MOTORS LTD.
LE DORINE

SCS consulting group ltd
30 CENTURIAN DRIVE, SUITE 100
MARKHAM, ONTARIO L3R 8B8
TEL: (905) 475-1900
FAX: (905) 475-8335

LEGEND:

- WILDFIELD VILLAGE SECONDARY PLAN (WVSP) AREA LIMITS
- WATERCOURSE (TRCA, 2018)
- REGIONAL STORM EVENT FLOODLINE (TRCA, 2024)
- WEST HUMBER RIVER REGULATORY FLOODLINE (TRCA, 2018)
- WEST HUMBER RIVER REGULATORY FLOODLINE + 10m SETBACK (TRCA, 2018)
- EXISTING CULVERT

WILDFIELD VILLAGE

EXISTING FLOODPLAIN MAPPING

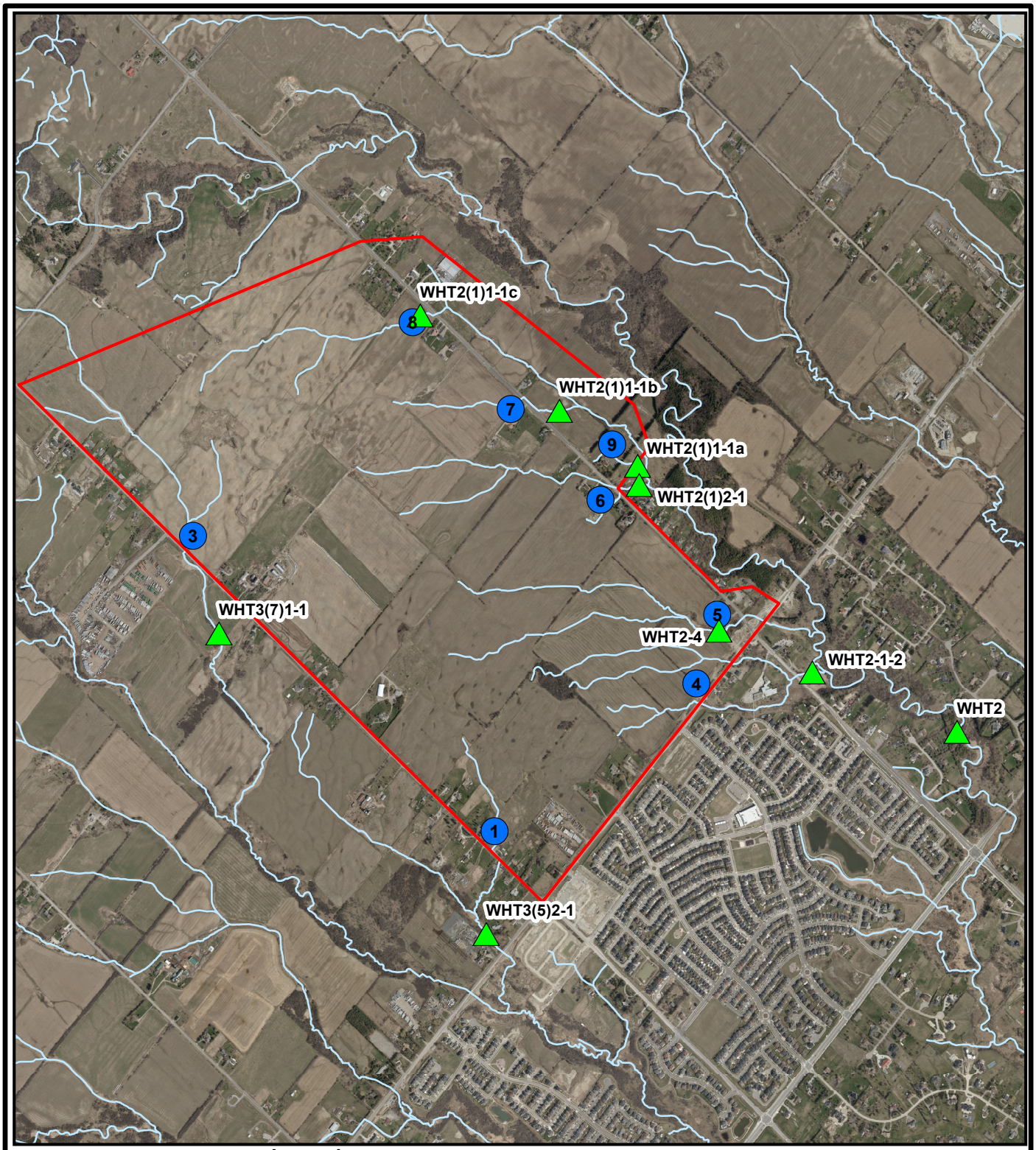
DESIGNED BY:	R.R.B.	CHECKED BY:	A.R.K.
SCALE:	1:4000	DATE:	SEPTEMBER 2024

PROJECT No: 2630

FIGURE No: 2.11

File: P:\2630 Wildfield Village\Drawings\LSS\Fig\Report Figures\2630P-FLOD-EXST-2.11.dwg – Revised by <JNELLAS> : Fri, Oct 04 2024 – 3:02pm

Appendix C2:
Phase 2 Excerpts



NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2024.
3. Digital Terrain Model (DTM) used to create cross sections for some Erosion Threshold Locations was retrieved from the Land Information Ontario Database (MNRF 2024)

Legend

- Watercourses (TRCA)
- Study Area
- Prop. Outfall Locations (By SCS)
- Erosion Threshold Locations

N

0 200 400 m

1:22,143

Fluvial Geomorphology
Wildfield

Wildfield Village Landowners Group Inc.

GEI Consultants

Project 2100463

FIGURE 4.2
EROSION THRESHOLD ANALYSIS LOCATIONS

December 2024

HEALEY ROAD

HEALEY ROAD

CENTERVILLE CREEK ROAD

THE GORE ROAD

CENTERVILLE CREEK ROAD

THE GORE ROAD

MAYFIELD ROAD

MAYFIELD ROAD

CULVERT #23
EXISTING 450mm CULVERT
W INV. = 252.40m
E INV. = 252.23m

CULVERT #1
EXISTING 600mm CULVERT
W INV. = 248.30m
E INV. = 248.15m

CULVERT #22
EXISTING 600mm CULVERT
W INV. = 248.17m
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CULVERT #20
EXISTING 600mm CULVERT
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E INV. = 247.60m

CULVERT #19
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CULVERT #18
OUTLET LOCATION #12
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CULVERT #17
EXISTING 950mm CULVERT
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CULVERT #9
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S INV. = 220.65m

CULVERT #8
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N INV. = 227.03
S INV. = 227.03

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CULVERT #6
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EXISTING 900mm CULVERT
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E INV. = 229.80m

CULVERT #4
EXISTING 480mm CULVERT
INV. = 237.70m

CULVERT #3
EXISTING 1000mm CULVERT
W INV. = 238.16m
E INV. = 238.05m

CULVERT #2
EXISTING 450mm CULVERT
W INV. = 248.53m
E INV. = 248.36m

22 — 0.24ha
23 — 0.63ha
16 — 0.48ha
17 — 58.35ha
2 — 0.61ha
3 — 0.27ha
4 — 1.84ha
6 — 2.57ha
5 — 81.70ha
24 — 88.06ha
5 — 0.17ha
25 — 0.54ha
26B — 73.89ha
26A — 37.51ha
27 — 38.75ha
28 — 107.01ha
31A — 62.95ha
29* — 2401.28ha
30* — 2409.08ha
31B — 109.48ha
32* — 2411.87ha
A — 0.46ha
21 — 2.42ha
8_9, 33, 34 — 4.49ha
B — 1.38ha
39 — 7.16ha
14 — 4.10ha
13 — 2.26ha
10_11 — 54.88ha
35* — 2880.99ha
40 — 2.50ha
38 — 0.12ha
41 — 3.51ha
12 — 1.04ha
43 — 30.69ha
36 — 57.40ha
37 — 59.27ha

WETLAND 10_11 TIME TO PEAK
LENGTH:1820m
HIGH ELEVATION: 242.50
LOW ELEVATION:219.00

WETLAND 8_9, 33, 34 TIME TO PEAK
LENGTH:578m
HIGH ELEVATION: 235.00
LOW ELEVATION:229.50

POST-DEVELOPMENT WETLAND 8_9, 33, 34
TIME TO PEAK
LENGTH:227m
HIGH ELEVATION: 231.75
LOW ELEVATION:229.50

POST-DEVELOPMENT WETLAND
10_11 TIME TO PEAK
LENGTH:243m
HIGH ELEVATION: 221.68
LOW ELEVATION:219.00

DRAINAGE FROM SUBCATCHMENT 36.11.1 FLOWS IN CENTREVILLE CREEK ROAD DITCH TO CULVERT #5

225.88EX @ EDGE OF PAVEMENT OF THE GORE ROAD

ONLY DRAINAGE AREA FROM WVSP CONTRIBUTING FLOWS TO RIPARIAN WETLANDS 29, 30, 32 IS SHOWN TOTALING 0.81 ha.

DRAINAGE AREA INCLUDES CONTRIBUTING AREAS UPSTREAM.

RIPARIAN WETLAND DRAINAGE AREA NOT WITHIN STUDY AREA. DRAINAGE AREA INCLUDES CONTRIBUTING AREAS UPSTREAM.

RIPARIAN WETLAND ONLY DELINEATED WITHIN STUDY AREA. DRAINAGE AREA INCLUDES CONTRIBUTING AREAS UPSTREAM.

RIPARIAN WETLAND. DRAINAGE AREA INCLUDES CONTRIBUTING AREAS UPSTREAM.

LEGEND:

- WILDFIELD VILLAGE SECONDARY PLAN (WVSP) AREA LIMITS
- WATERCOURSE (GEI, 2024)
- WETLAND DRAINAGE AREA
- RIPARIAN WETLAND DRAINAGE AREA
- EXTERNAL WETLAND DRAINAGE AREA
- WETLAND (GEI, 2024)
- RIPARIAN WETLAND (GEI, 2024)
- RIPARIAN WETLAND 24 DRAINAGE AREA (GEI, 2024)
- RIPARIAN WETLAND 29, 30, 32 DRAINAGE AREA (GEI, 2024)
- RIPARIAN WETLAND 31A DRAINAGE AREA (GEI, 2024)
- RIPARIAN WETLAND 31B DRAINAGE AREA (GEI, 2024)
- RIPARIAN WETLAND 37 DRAINAGE AREA (GEI, 2024)
- RIPARIAN WETLAND 35 DRAINAGE AREA (GEI, 2024)
- RIPARIAN WETLAND 43 DRAINAGE AREA (GEI, 2024)
- 43 — 23.33ha — CATCHMENT ID / DRAINAGE AREA (HECTARES)

*ONLY WETLAND DRAINAGE AREA WITHIN WVSP SHOWN

SCS consulting group ltd
30 CENTURIAN DRIVE, SUITE 100
MARKHAM, ONTARIO L3R 8B8
TEL: (905) 475-1900
FAX: (905) 475-8335

WILDFIELD VILLAGE

EXISTING CONDITIONS WETLAND DRAINAGE AREA

DESIGNED BY: A.T.	CHECKED BY: A.R.K.	PROJECT No: 2630	FIGURE No: 4.3
SCALE: 1:5000	DATE: DECEMBER 2024		

File: P:\2630 Wildfield Village\Drawings\LSS\Fig\Report Figures\2630P-STRM-WETL-X.X.dwg – Revised by <DDILAY> : Tue, Nov 05 2024 – 2:45pm

HEALEY ROAD

GORD DENNIS

BURSTEIN FAMILY

TAMMAO
SIDHU
GIGLIOTTI
DHALIWAL
CIARALLO
MOHIL
SAHOTA

NO EXTERNAL SANITARY DRAINAGE IS CONVEYED TO THE WILDFIELD VILLAGE SECONDARY PLAN FROM FUTURE DEVELOPMENT

GLOBAL PROPERTIES (2) INC.

154.88ha
17,456 | 101

BADWAL
PESCITELLI
CHANA SINGH
ANTHONY

PIERCY, BROOK, EZARD

SAHOTA
GULLUSCI
GRECO

GLOBAL PROPERTIES (1) INC.

GLOBAL PROPERTIES INC.

7.75ha
945 | 102

OUTLET 1 - 600mm Ø plug @0.30%

COLLURA
CALCE
COPETTI
FOSAROLLI

TONY & GINA ABELLA

DOIRON

ONKAR INVESTMENT INC.

50.87ha
9,008 | 103

12.47ha
1,520 | 104

OUTLET 2 - 525mm Ø plug @0.30%

THE GORE ROAD

PIERCEY

GLOBAL PROPERTIES INC.

CAVALLINO ESTATES INC.

CAROZZA

ESHOO AZIZ
AMATO

CENTREVILLE CREEK ROAD

NOVAMARK [illegible]GS LTD.

37.22ha
4,545 | 105

CAPPIELLO
LAVA KALOGERAKOS

OUTLET 3 - 375mm Ø plug @0.30%

ONE VALUE LTD.
AVTAR & MANJIT KALKAT

GIOGIA & TERESA VESCIO

CHARLES SPANO
GIUSEPPE SPANO

TRINITY FIELD INC.

BAGA
RANJIT KAUR RAI &
DILBAGH SINGH

GIGLIO

SUKHVINDER & SARBJIT GILL

MIKE RASO

82.74ha
12,499 | 106

D'ALESSANDRO
COLAVITA

LESLIE FARKAS

7072A HOLDINGS LTD.

KALIRAO

CHIODO

BARBERI

NEW TIME MOTORS LTD.

DIEGO SPANO

GILL

LE DONNE

1.72ha
107 | 210

OUTLET 4 - 525mm Ø plug @0.30%

MAYFIELD ROAD

*NOTE: LAYOUT IS SCHEMATIC ONLY, DETAILS TO BE PROVIDED AT DETAILED DESIGN STAGE

LEGEND:

- WILDFIELD VILLAGE SECONDARY PLAN (WVSP) AREA LIMITS
- SANITARY DRAINAGE BOUNDARY
- PROPOSED SANITARY SEWER AND MAINTENANCE HOLE
- FUTURE 750mmØ SANITARY SEWER AND MAINTENANCE HOLE
- 82.71ha / 14,887 | 406 — DRAINAGE AREA (HECTARES); CATCHMENT ID; POPULATION

SCS consulting group ltd
30 CENTURIAN DRIVE, SUITE 100
MARKHAM, ONTARIO L3R 8B8
TEL: (905) 475-1900
FAX: (905) 475-8335

WILDFIELD VILLAGE

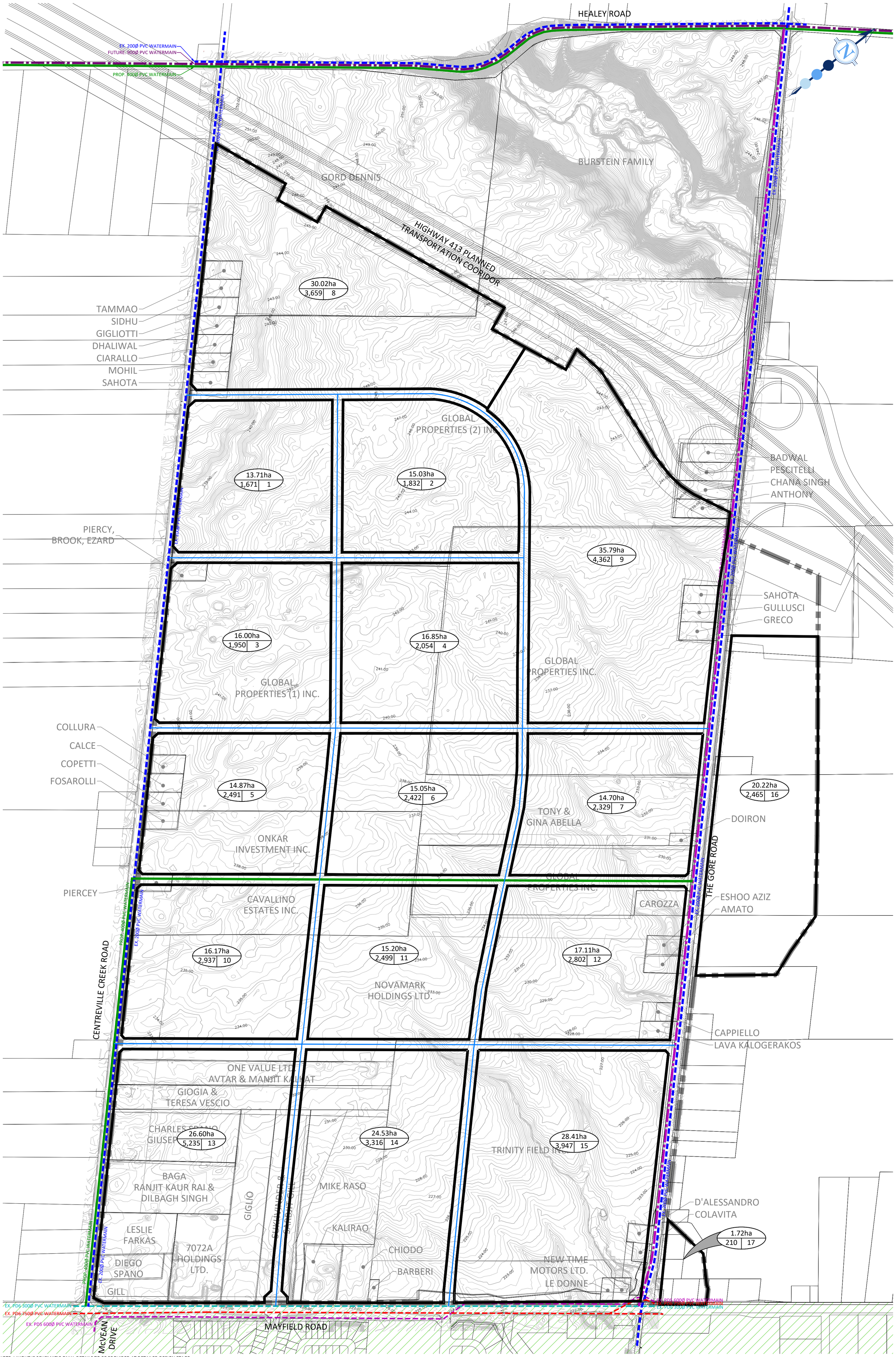
PROPOSED SANITARY DRAINAGE PLAN

DESIGNED BY:	A.T.	CHECKED BY:	A.R.K.
SCALE:	1:4000	DATE:	JANUARY 2025

PROJECT No: 2630

FIGURE No: 5.2

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*NOTE: LAYOUT IS SCHEMATIC ONLY, DETAILS TO BE PROVIDED AT DETAILED DESIGN STAGE

LEGEND:

- WILDFIELD VILLAGE SECONDARY PLAN (WVSP) AREA LIMITS
- PROPOSED LOCAL DISTRIBUTION WATERMAIN
- 400Ø PROPOSED DISTRIBUTION WATERMAIN
- 600Ø FUTURE DISTRIBUTION WATERMAIN
- 900Ø FUTURE TRANSMISSION WATERMAIN
- 200Ø EXISTING WATERMAIN
- 300Ø EXISTING WATERMAIN
- 600Ø EXISTING WATERMAIN
- 750Ø EXISTING WATERMAIN
- APPROXIMATE EXTENT OF PRESSURE ZONE 5 (182.4 - 236.2m)
- APPROXIMATE EXTENT OF PRESSURE ZONE 6E (214.5 - 259.1m)
- 28.99ha / 3878 / 15 — DRAINAGE AREA (HECTARES), BLOCK NUMBER, POPULATION

SCS consulting group ltd
30 CENTURIAN DRIVE, SUITE 100
MARKHAM, ONTARIO L3R 8B8
TEL: (905) 475-1900
FAX: (905) 475-8335

WILDFIELD VILLAGE

MASTER WATER SERVICING PLAN

DESIGNED BY:	A.T.	CHECKED BY:	A.R.K.	PROJECT No:	FIGURE No:
SCALE:	1:4000	DATE:	JANUARY 2025	2630	5.4

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