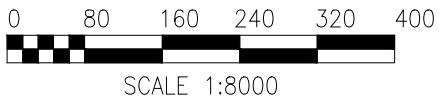
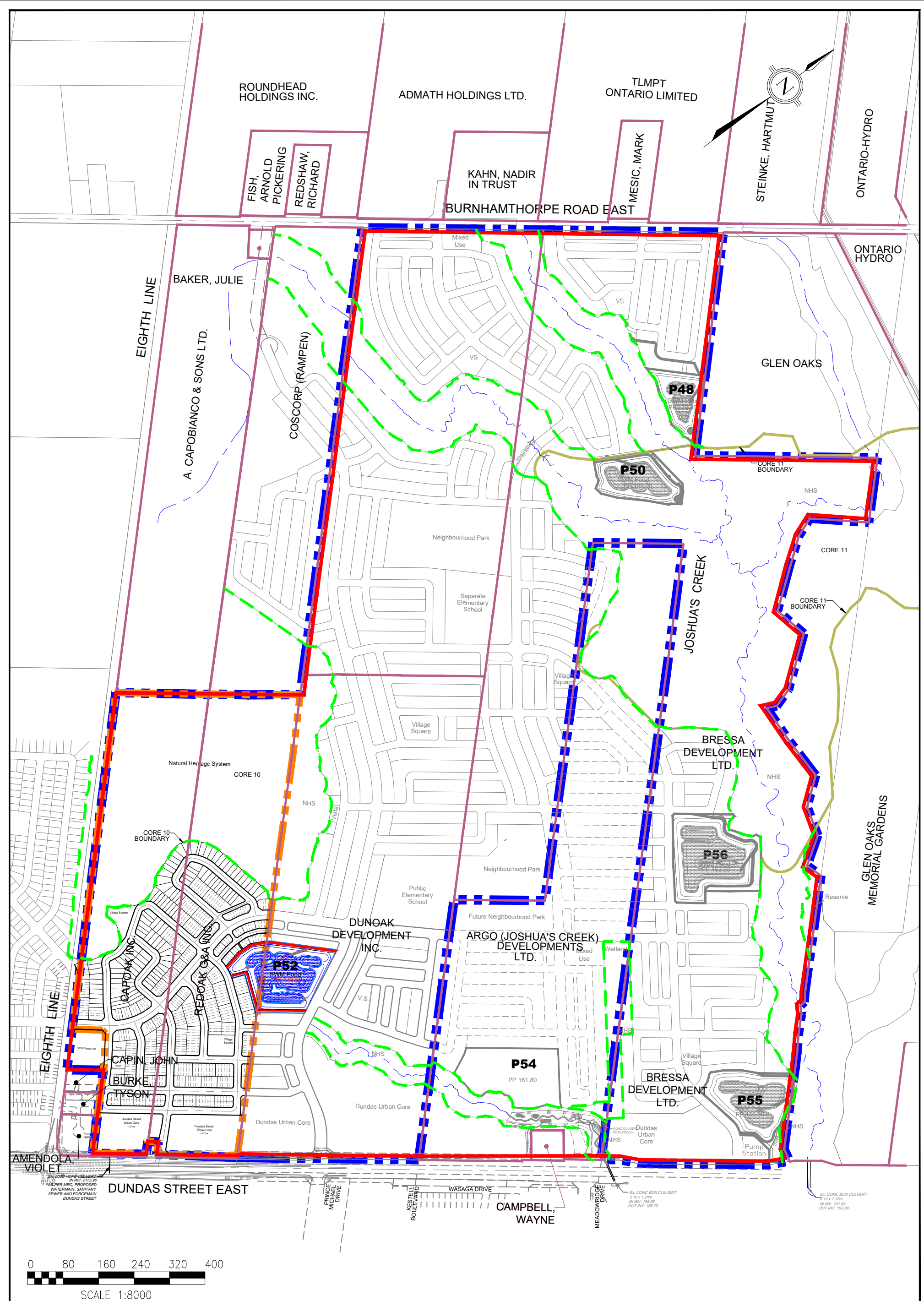


## **TAB G**

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Revised Figures and Drawings  
Redoak/Capoak EIR/FSS Addendum



- Legend**
- Redoak/Capoak Lands
  - Ownership Limit
  - Subject Lands
  - FSS Study Area
  - - - NHS Limits

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REDOAK/CAPOAK ADDENDUM #1 TO THE  
JOSHUA'S CREEK TRIBUTARIES EIR/FSS

**FIGURE 1.4**

**Land Ownership**

AUGUST 2020



KEY PLAN  
N.T.S.



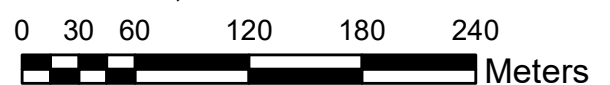
**Legend**

- Redoak/Capoak Lands
- Wetland + 30 m
- Natural Heritage System
- Dripline (as Staked on July 20, 2018)
- Wetland (as Staked on July 20, 2018)
- Staked Points (July 20, 2018)
- Provincially Significant Wetland (LIO 2018)

**REDOAK/CAPOAK EIR/FSS  
ADDENDUM #1**  
*Beacon Environmental*

**FIGURE 3.1 - CORE 10  
BOUNDARY LOCATION**

DATE: AUGUST 2020  
SCALE: 1:4,000





SCALE NTS

Legend

 Redoak/Capoak Lands

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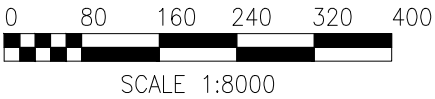
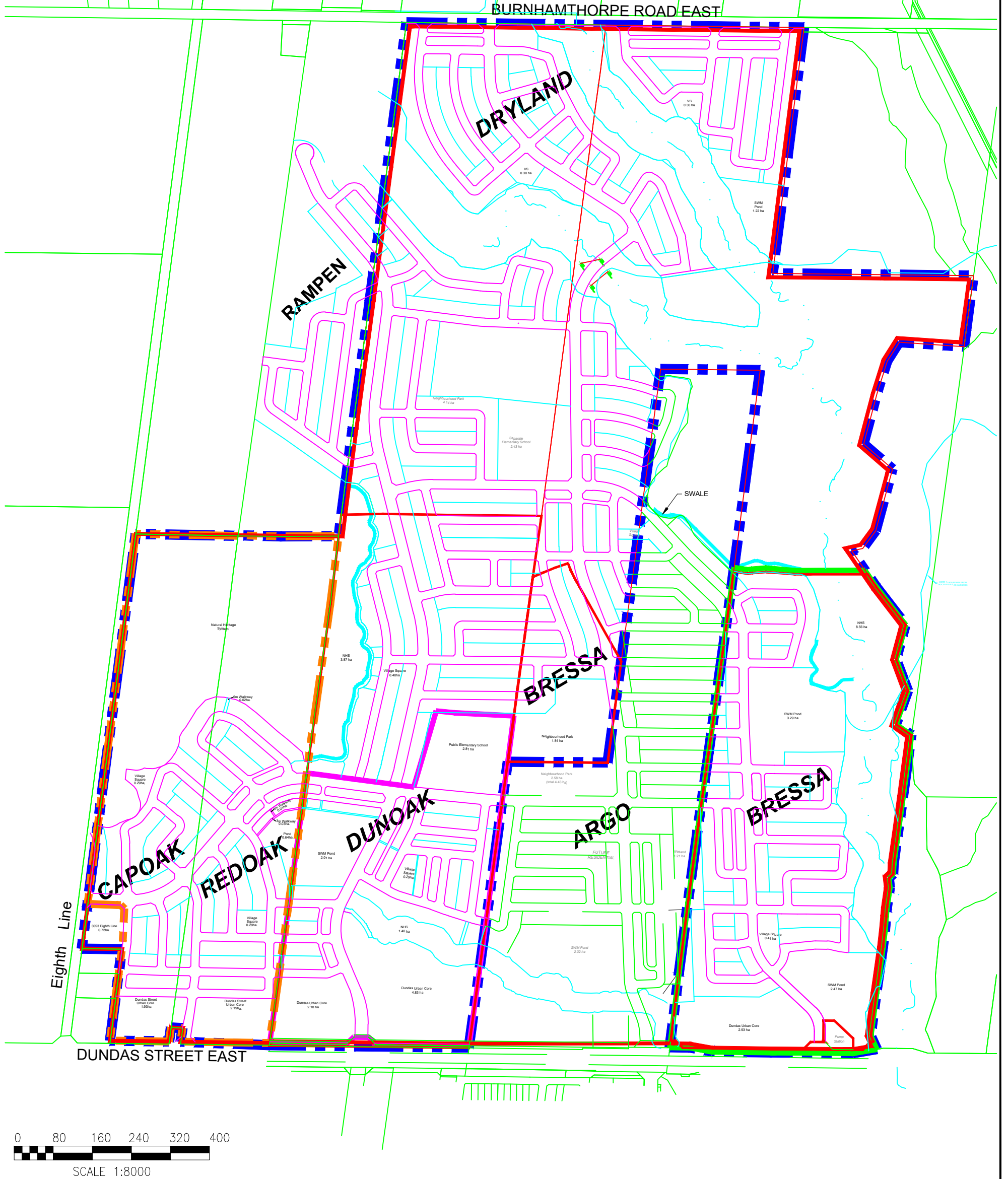
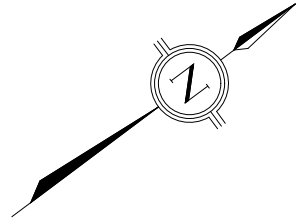
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS

FIGURE 6.2A

Redoak/Capoak Preliminary  
 Development Plan

AUGUST 2020

A suggested road and lot layout on the lands owned by Diam Contractor Limited, Rampen LEO, Redthorn Company Limited, and A. Capobianco & Sons Ltd. are shown on this and other figures in dashed lines. Discussions are ongoing with Diam Contractor Limited to coordinate road and lot layouts.



**Legend**

- Subject Lands
- FSS Study Area
- Dunoak Draft Plan
- Bressa Draft Plan
- Capoak/Redoak Draft Plan

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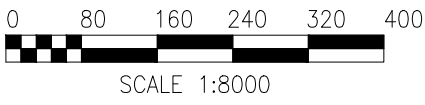
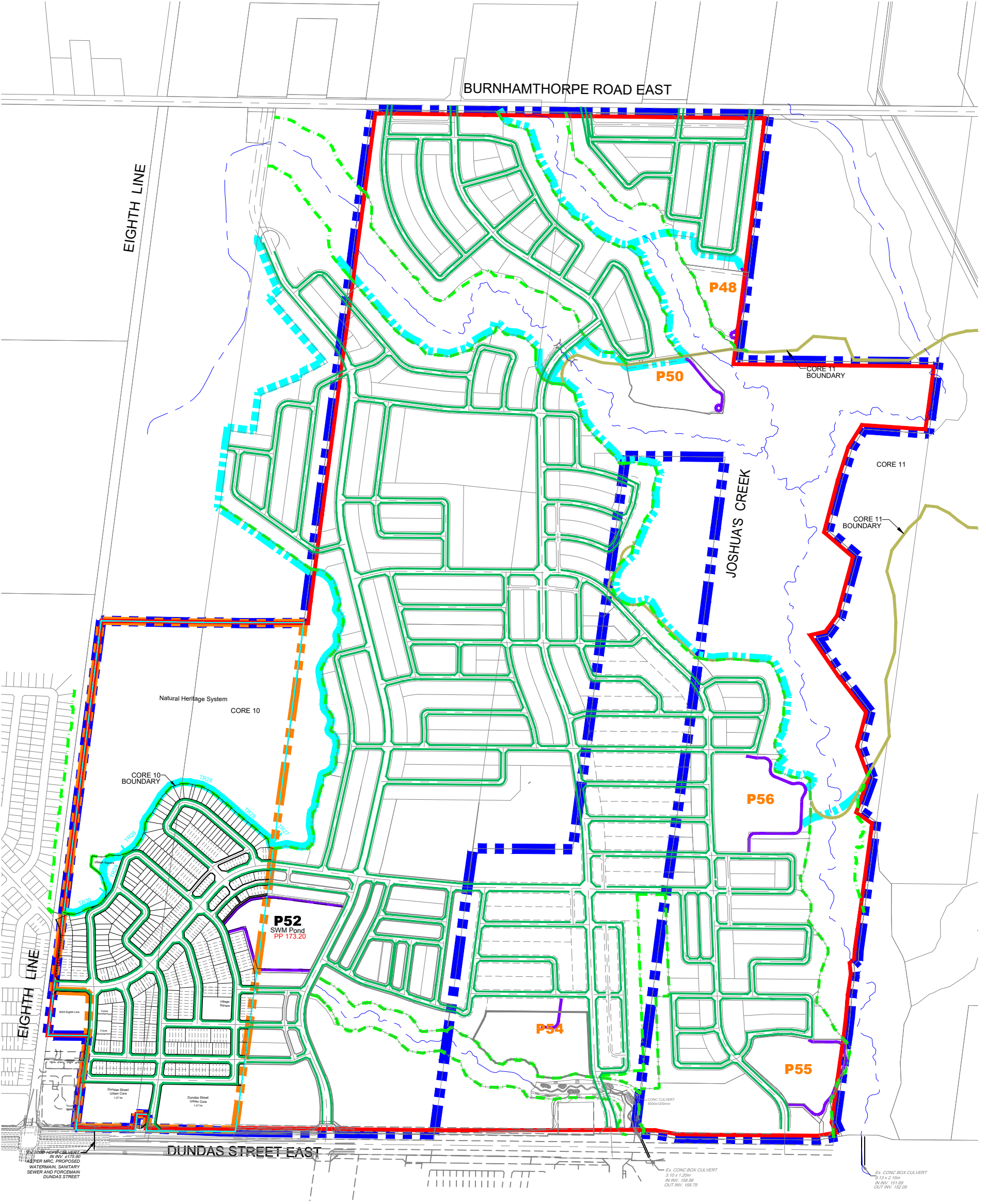
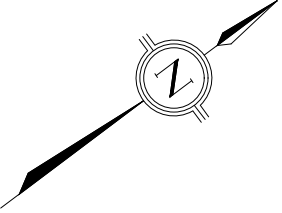
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS

**FIGURE 6.2**

**COMPOSITE DEVELOPMENT  
 PLAN**

AUGUST 2020

A suggested road and lot layout on the Argo (Joshua's Creek) Development Ltd. lands is shown on this and other figures in dashed lines. Discussions are ongoing with this adjacent landowner to coordinate road and lot layouts.



**Legend**

- Redoak/Capoak Lands
- Subject Lands
- NHS Limits
- Major Trail
- Major Trail (B.O.)
- Interim Trail
- Sidewalk
- Pond Access Road
- FSS Study Area

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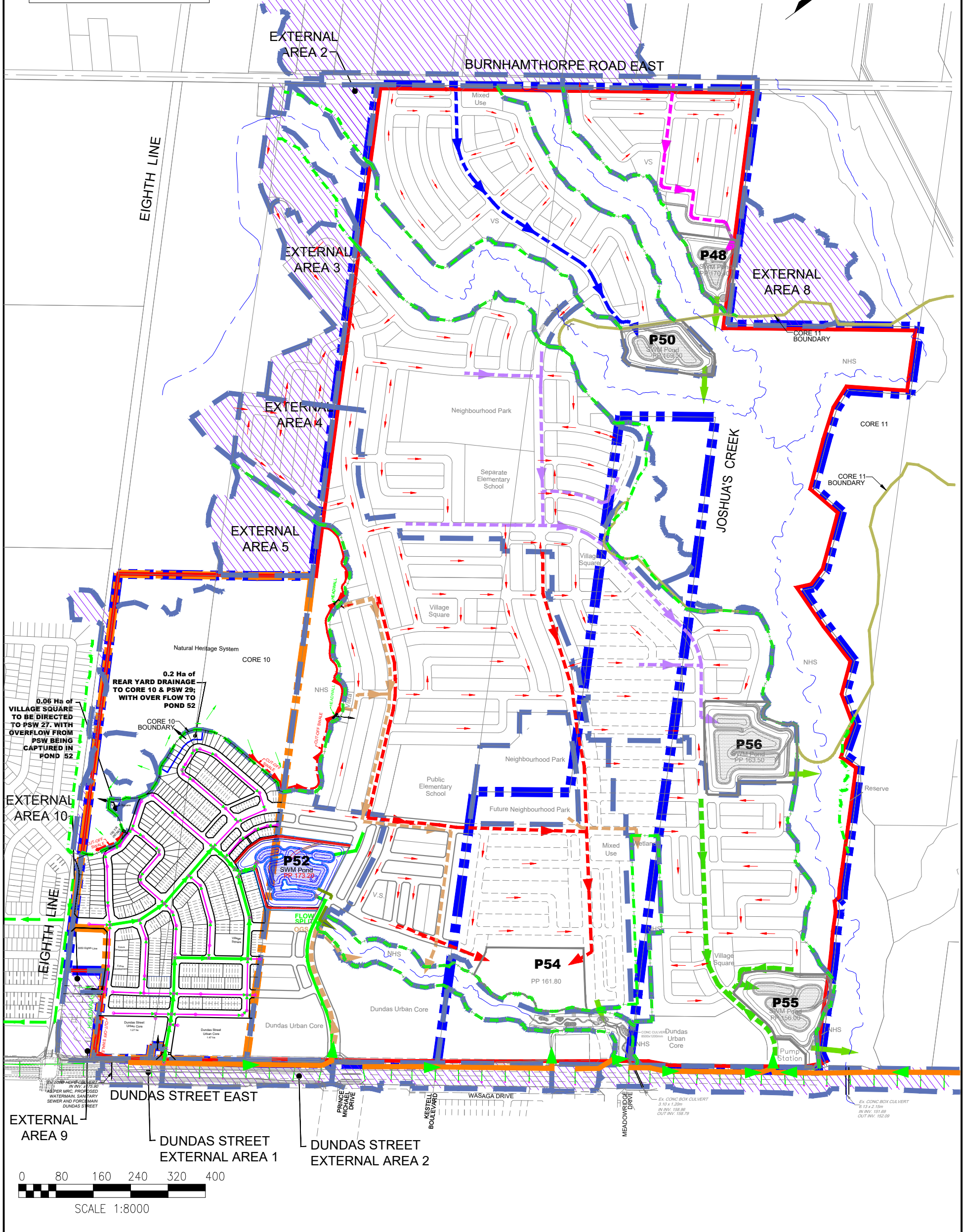
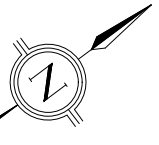
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS

**FIGURE 6.4**

**Sidewalk/Trail Location Plan**

AUGUST 2020

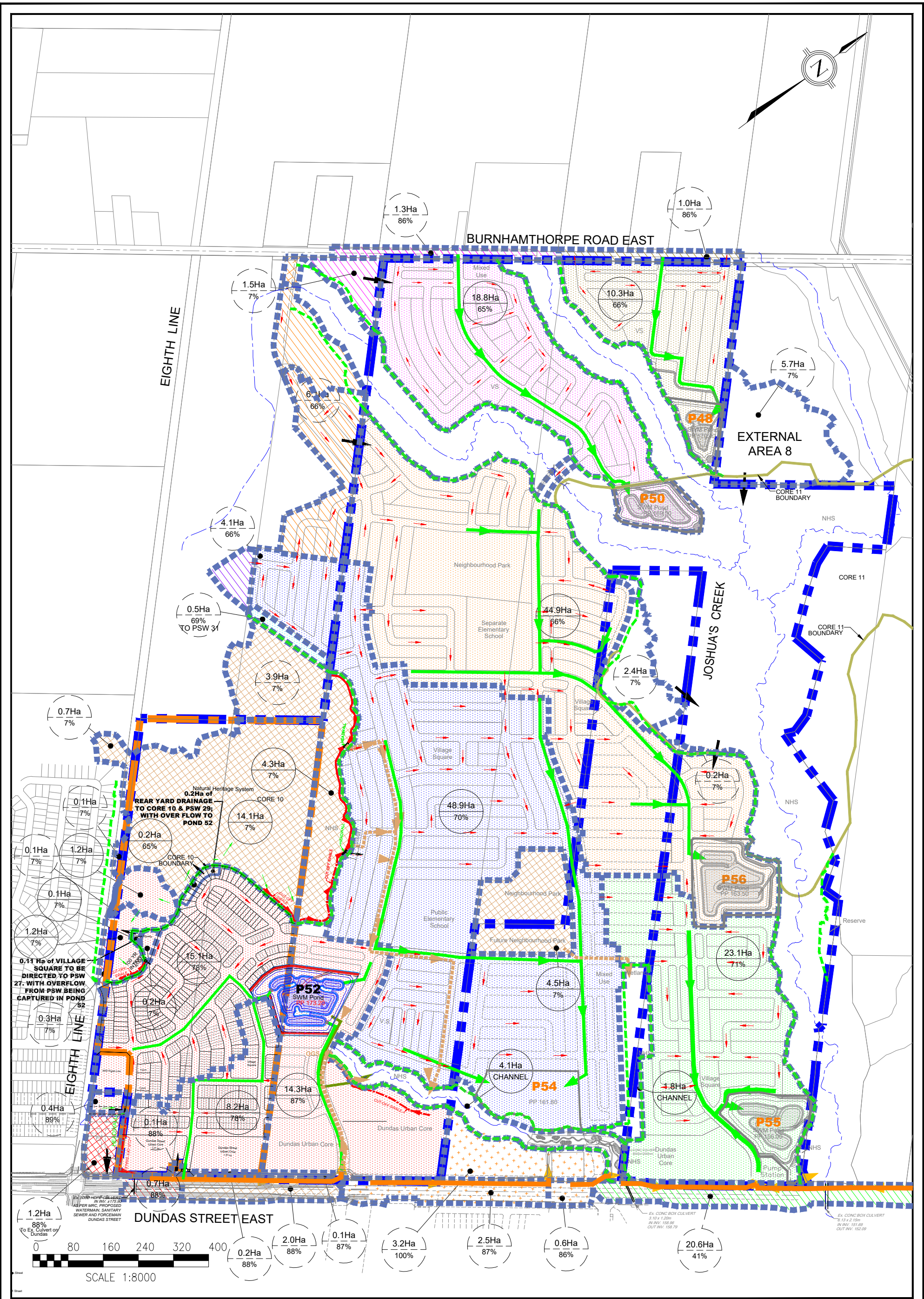
A suggested road and lot layout on the Argo (Joshua's Creek) Development Ltd. lands is shown on this and other figures in dashed lines. Discussions are ongoing with this adjacent landowner to coordinate road and lot layouts.



Legend	
	Redoak/Capoak Lands Subject Lands
	FSS Study Area
	Post Development Drainage Boundary
	Storm Trunk to SWM Pond 52
	Clean Water Pipe
	Local Storm Servicing
	External Drainage Area
	NHS Limits
	Pond Outfall
	Minor System Flow Direction
	Storm Trunk to SWM Pond 48
	Storm Trunk to SWM Pond 50
	Storm Trunk to SWM Pond 56
	Storm Trunk to SWM Pond 54
	Storm Trunk to SWM Pond 55

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REDOAK/CAPOAK ADDENDUM #1 TO THE JOSHUA'S CREEK TRIBUTARIES EIR/FSS  
**FIGURE 7.1**  
**Conceptual Storm Servicing**  
 AUGUST 2020



<p><b>David Schaeffer Engineering Ltd.</b>  <b>Beacon Environmental</b>  <b>J.F. Sabourin and Associates Inc.</b>  <b>R.J. Burnside &amp; Associates Limited</b>  <b>Stonybrook Consulting Inc.</b>  <b>EXP</b>  <b>Bird and Hale Limited</b></p>		<p><b>Legend</b></p> <ul style="list-style-type: none"> <li><span style="color: orange;">▬▬▬▬</span> Redoak/Capoak Lands</li> <li><span style="color: blue;">▬▬▬▬</span> Post Development Drainage Boundary</li> <li><span style="color: green;">▬▬▬▬</span> Proposed Storm Trunk (BO)</li> <li><span style="color: orange;">▬▬▬▬</span> Proposed Storm Trunk (BO) Storm Outfall (By Others)</li> <li><span style="color: blue;">▬▬▬▬</span> Subject Lands</li> <li><span style="color: orange;">▬▬▬▬</span> Clean Water Pipe</li> <li><span style="color: green;">▬▬▬▬</span> Existing Overland Flow Direction</li> <li><span style="color: red;">▬▬▬▬</span> NHS Limits</li> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8.2Ha 77%</span> Post Development Drainage Area Imperviousness</li> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2.0Ha 88%</span> External Drainage Area Imperviousness</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Total Post-Development Drainage Area to SWM Ponds</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Drainage to Ex. Culvert</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Total Post-Development External Drainage Area to SWM Ponds</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Total Flows Directly to Channel in Clean Water Pipe</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Drainage to SWM Pond 53</li> <li><span style="color: red;">▬▬▬▬</span> Minor System Flow Direction</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Drainage to Ex. Culvert</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Total Post-Development External Drainage Area to SWM Ponds</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Total Flows Directly to Channel in Clean Water Pipe</li> <li><span style="border: 1px dashed blue; padding: 2px;">▭</span> Drainage to SWM Pond 53</li> </ul>
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**REDOAK/CAPOAK ADDENDUM #1 TO THE JOSHUA'S CREEK TRIBUTARIES EIR/FSS**

**FIGURE 7.2**

**Post Development Drainage Areas, Ultimate Expanded Pond 52**

**AUGUST 2020**





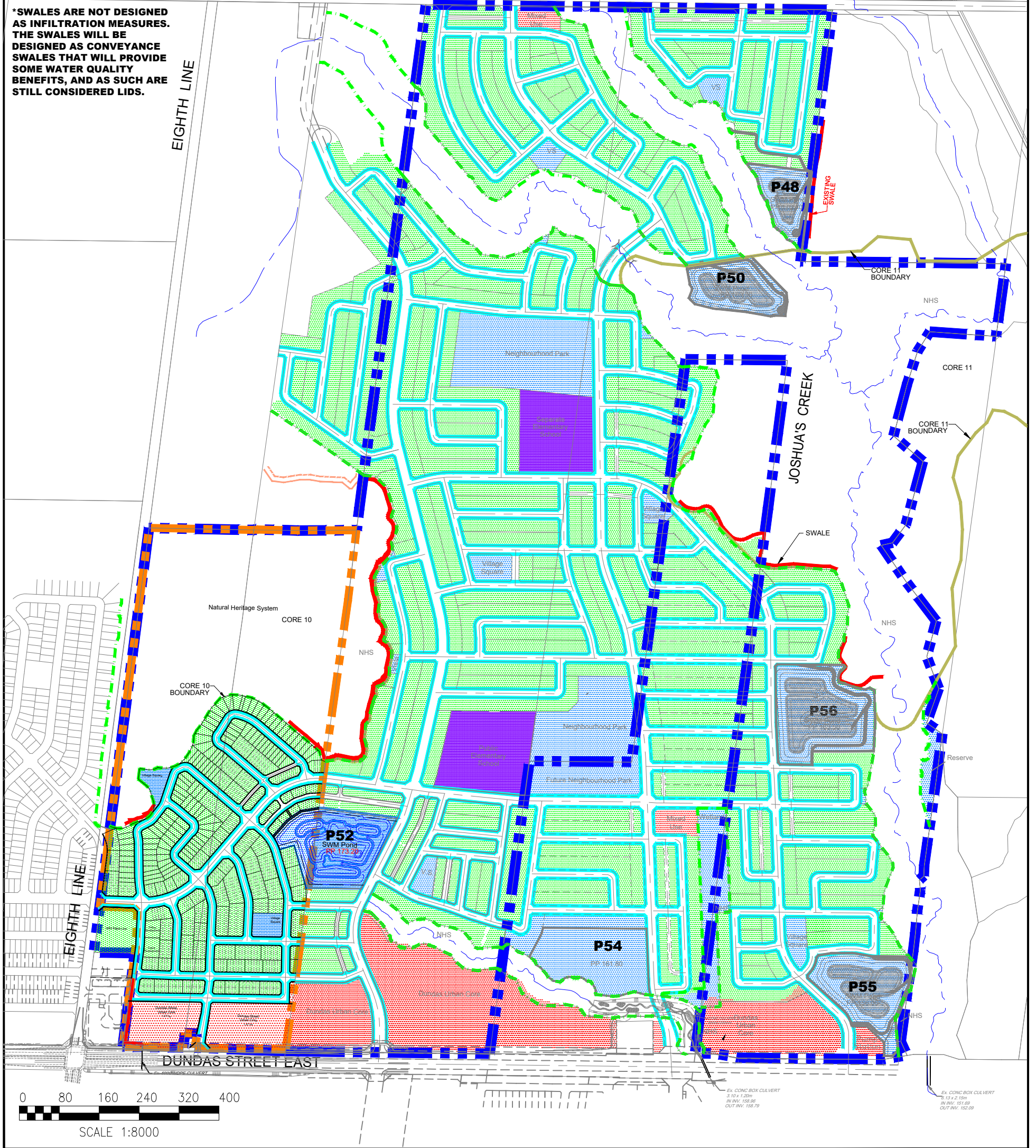
**Redoak/Capoak LID Measures**

ADDITIONAL TOPSOIL PER LAND USE	AREA (Ha)
Lots	12.75
Boulevards	2.82
Commercial	2.78
Park	0.58
SWM Ponds	0.68
SWALE*	LENGTH (m)
NHS	638

**Joshua's Creek LID Measures**

ADDITIONAL TOPSOIL PER LAND USE	AREA (Ha)
Lots	86.7
Boulevards	18.4
Medium/High Density Block	0.0
Schools	5.2
Commercial	13.4
SWM Ponds	14.2
Parks	13.4
SWALE	LENGTH
NHS	1,588

\*SWALES ARE NOT DESIGNED AS INFILTRATION MEASURES. THE SWALES WILL BE DESIGNED AS CONVEYANCE SWALES THAT WILL PROVIDE SOME WATER QUALITY BENEFITS, AND AS SUCH ARE STILL CONSIDERED LIDS.



**Legend**

- Redoak/Capoak Lands
- Subject Lands
- Additional Depth Topsoil Plus Tree Pits in Boulevard
- NHS Limits
- Additional Depth Topsoil On Lots With Roof Drainage Directed to Pervious Areas
- Additional Depth Topsoil in Pond/Park
- Additional Depth Topsoil in Urban Areas
- Additional Depth Topsoil On Medium/High Density Block Swale\*

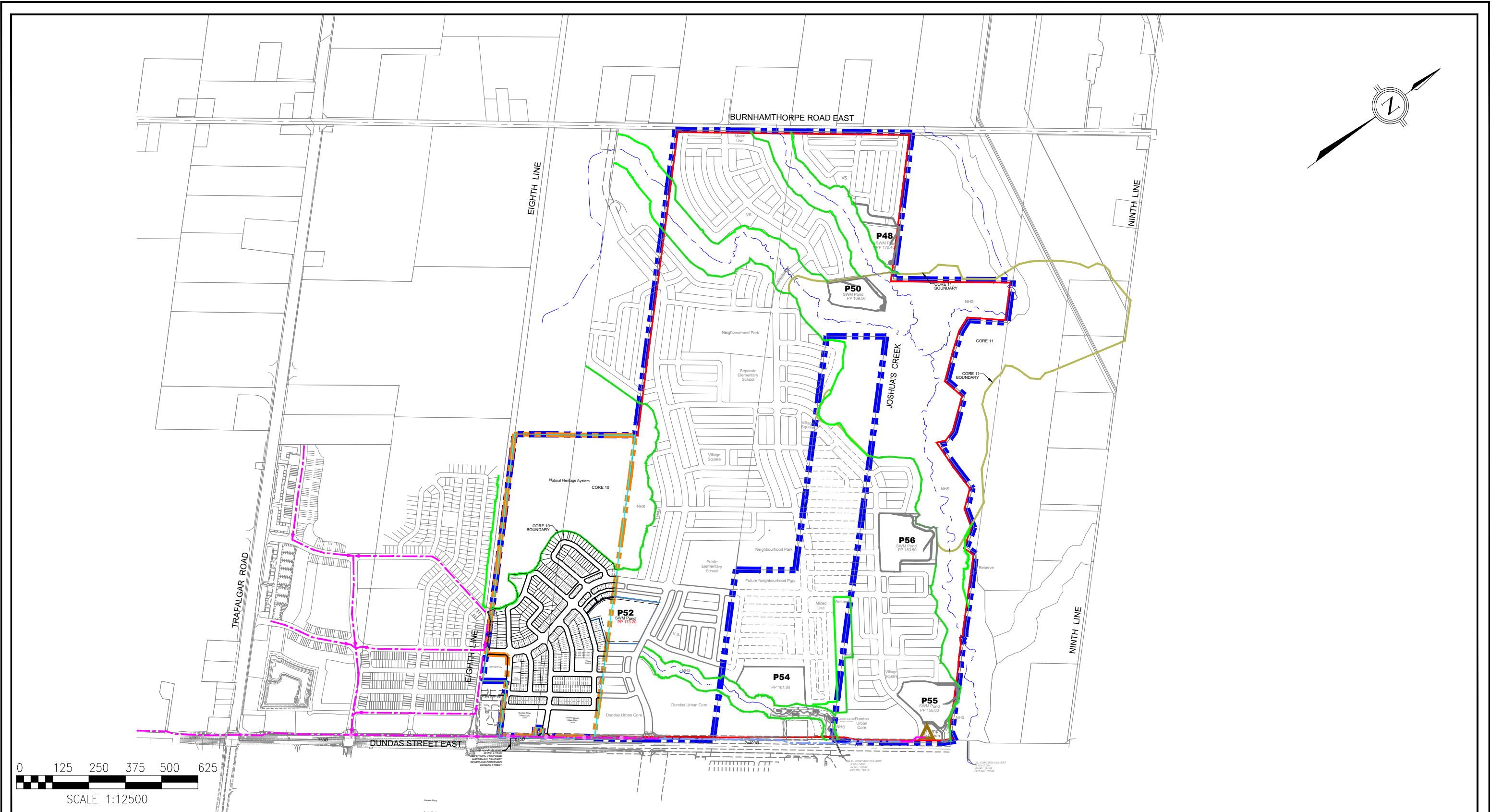
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 Stonybrook Consulting Inc.  
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REDOAK/CAPOAK ADDENDUM #1 TO THE JOSHUA'S CREEK TRIBUTARIES EIR/FSS

**FIGURE 7.6**

**Conceptual Locations of LID Measures**

AUGUST 2020

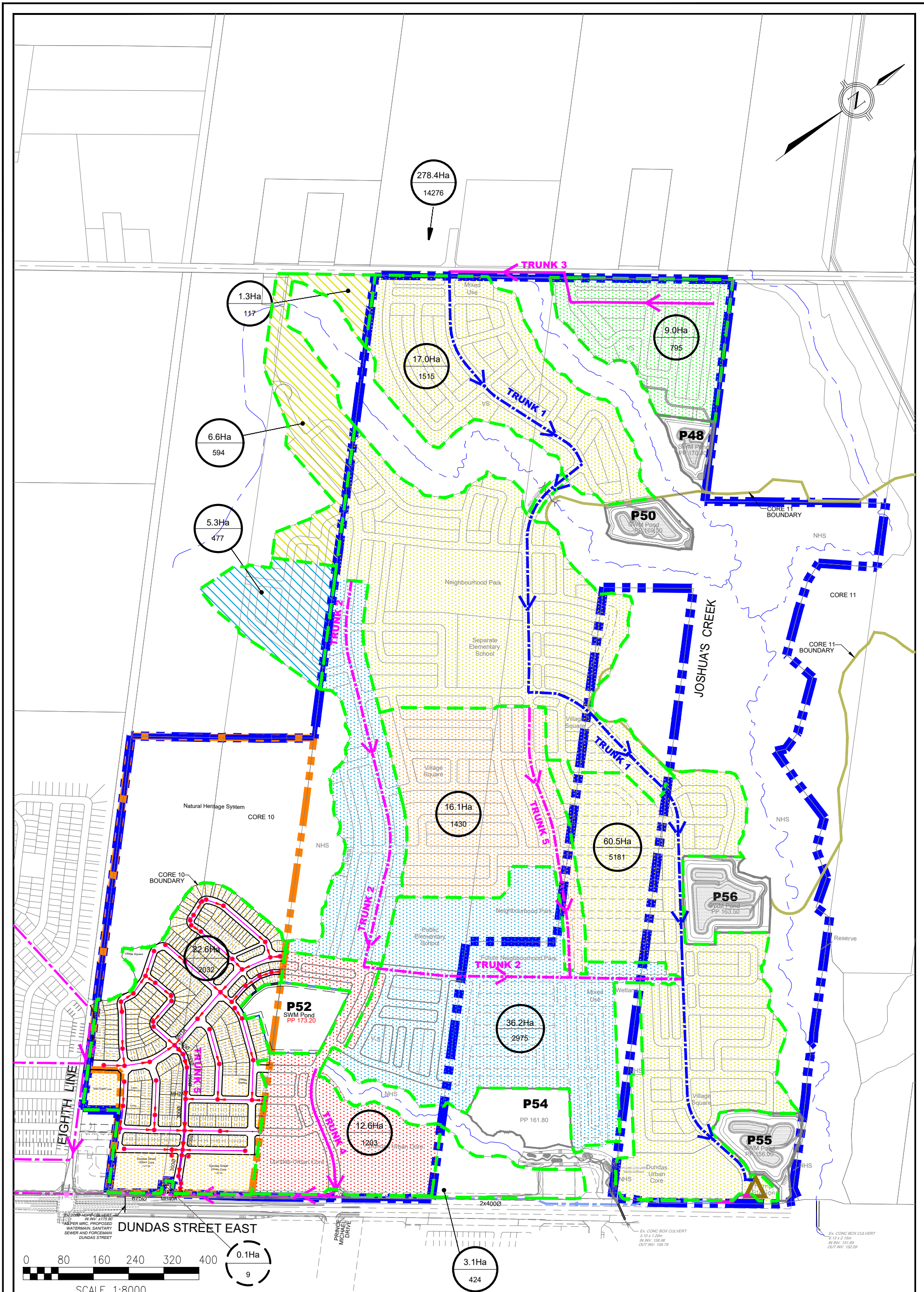


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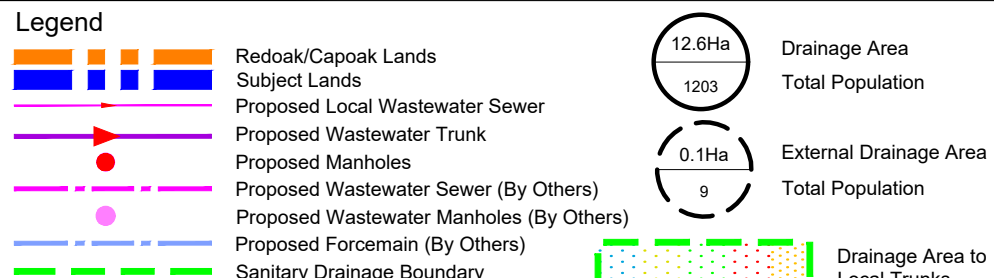
Legend	
	Redoak/Capoak Lands
	Subject Lands
	FSS Study Area
	NHS Limits
	Core Boundary
	Wastewater Trunk (By Others)
	Proposed Forcemain (By Others)

- Proposed Wastewater Pumping Station (Approximate Location)
- Proposed Wastewater Manholes (By Others)

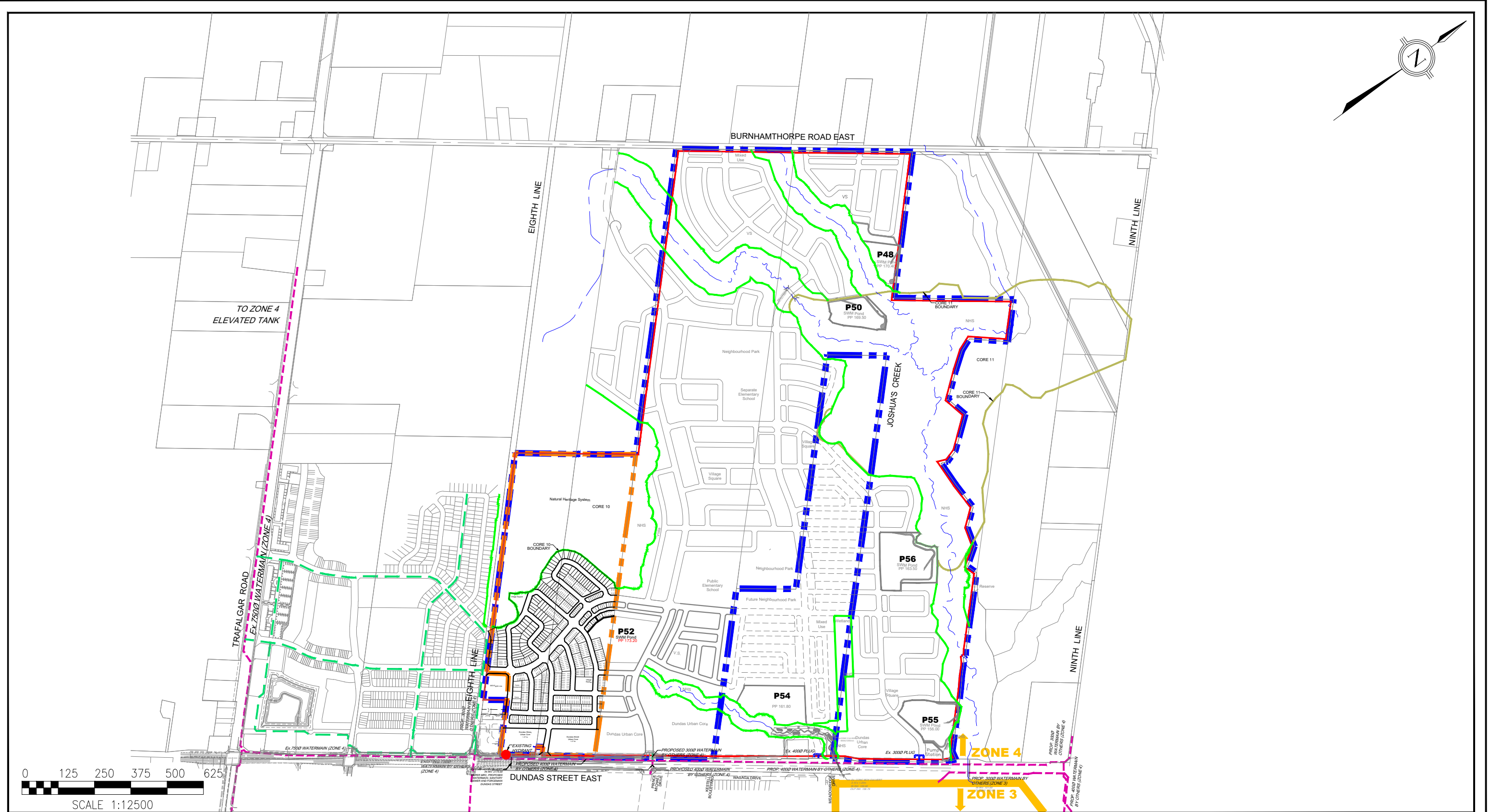
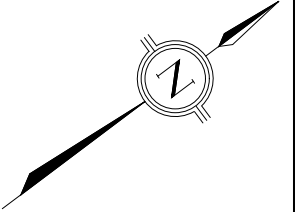
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS  
**FIGURE 9.1**



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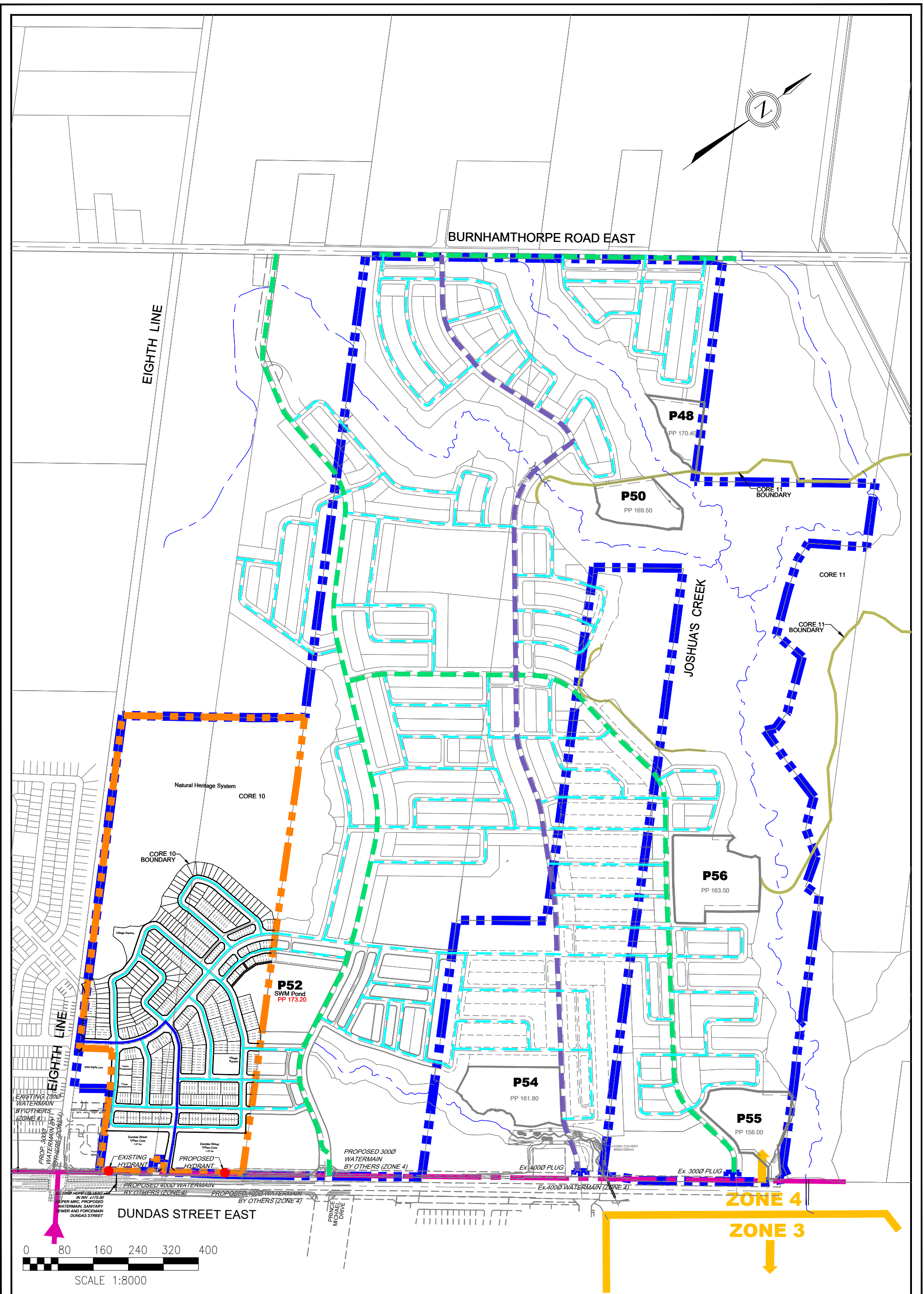
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS  
**FIGURE 9.2**  
**Conceptual Wastewater Servicing**  
 AUGUST 2020



- Legend**
- - - Redoak/Capoak Lands
  - - - Subject Lands
  - - - FSS Study Area
  - - - Existing Watermain
  - Water Zone Boundary
  - NHS Limits
  - Hydrant

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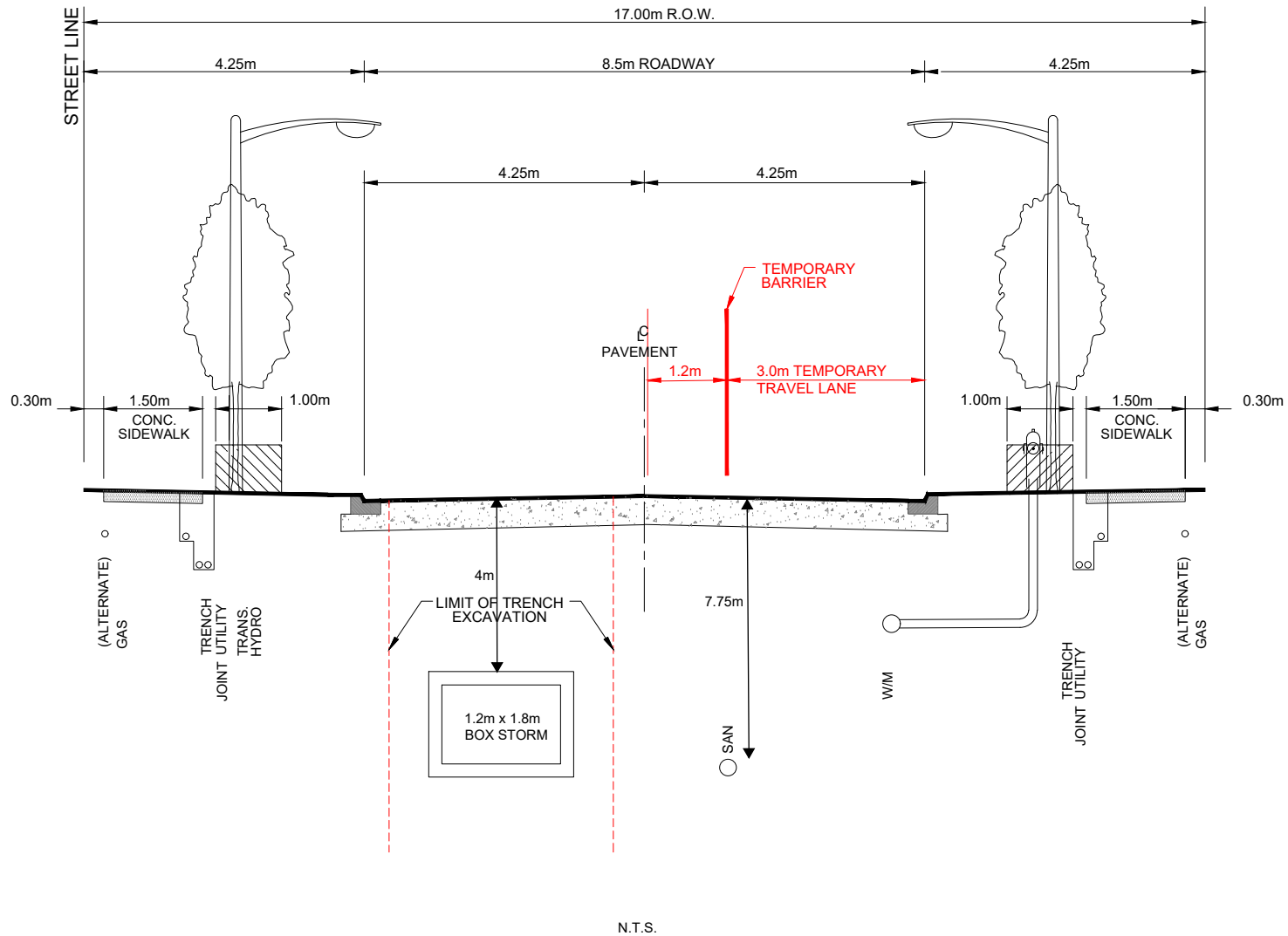
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS  
**FIGURE 9.3**  
 External Watermains Project  
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- Legend**
- Redoak/Capoak Lands
  - Subject Lands
  - Proposed Local Watermain
  - Proposed 300Ø Watermain
  - Proposed Local Watermain (By Others)
  - Existing Watermain
  - Proposed 300Ø Watermain (By Others)
  - Proposed 400Ø Watermain (By Others)
  - Water Zone Boundary
  - Hydrant

REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS  
**FIGURE 9.4**  
**Conceptual Watermain  
 Servicing**  
 AUGUST 2020



\*NOTE: WATERMAIN ALIGNMENT TO BE CONFIRMED BY REGION OF HALTON

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REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS

**FIGURE 10.6C**

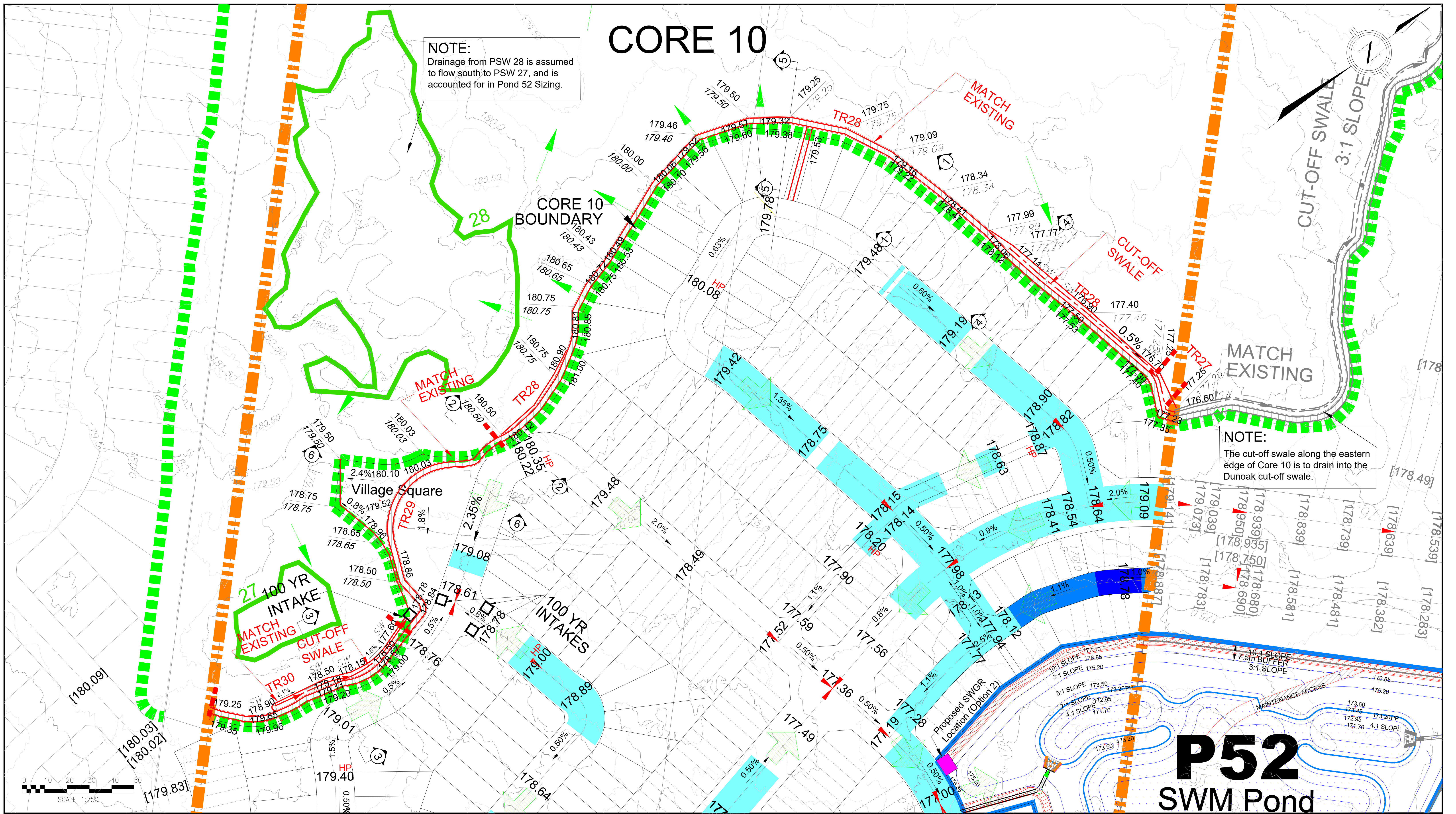
17.0m LOCAL ROAD WITH BOX SEWER

JULY 2020

# CORE 10

**NOTE:**  
Drainage from PSW 28 is assumed to flow south to PSW 27, and is accounted for in Pond 52 Sizing.

**NOTE:**  
The cut-off swale along the eastern edge of Core 10 is to drain into the Dunoak cut-off swale.



**Legend**  
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Redoak/Capoak Lands  
 NHS Limits  
 PSW Wetland  
 173.23 Proposed Elevation  
 180.00 Existing Contour Elevation  
 Overland Flow Direction

**CUT DEPTH (m)**  
 0 - 1 0 - 1   
 1 - 2 1 - 2   
 2 - 3 2 - 3   
 > 3 > 3

**FILL DEPTH (m)**  
 0 - 1 0 - 1   
 1 - 2 1 - 2   
 2 - 3 2 - 3   
 > 3 > 3

Proposed Trail Section Break  
 Proposed Trail  
 Cut-Off Swale

Existing Overland Flow Direction

# P52 SWM Pond

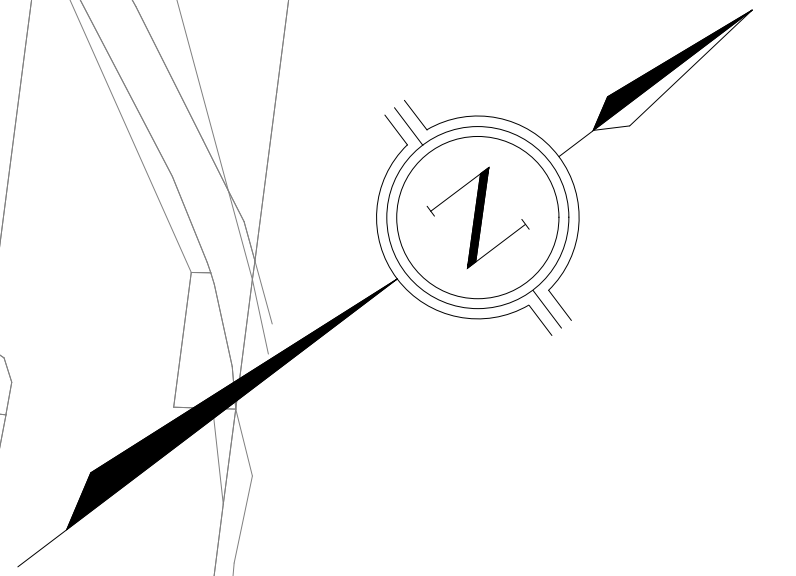
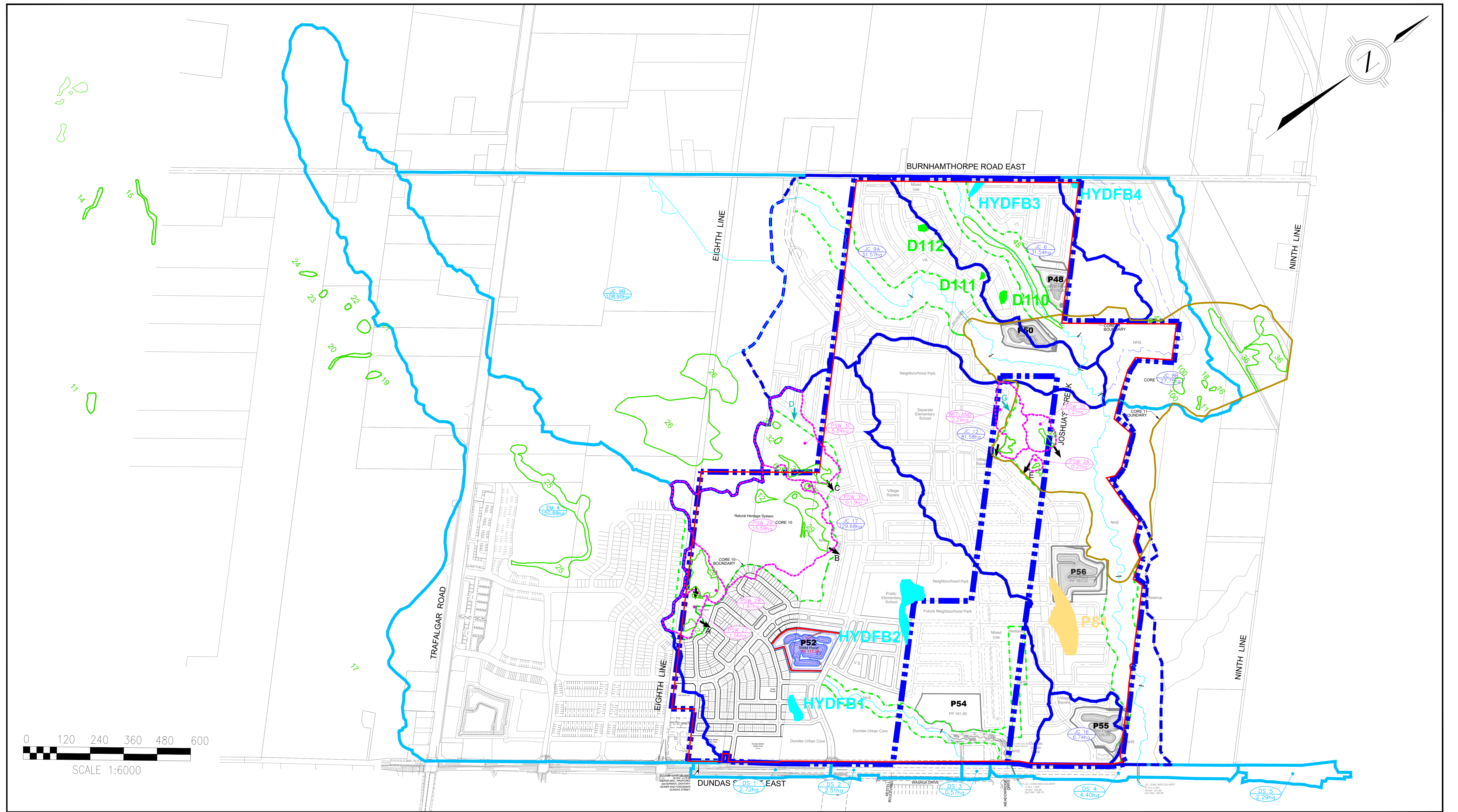
REDOAK/CAPOAK ADDENDUM #1 TO THE  
 JOSHUA'S CREEK TRIBUTARIES EIR/FSS

**DRAWING 6A**

Trail Grading Plan

AUGUST 2020

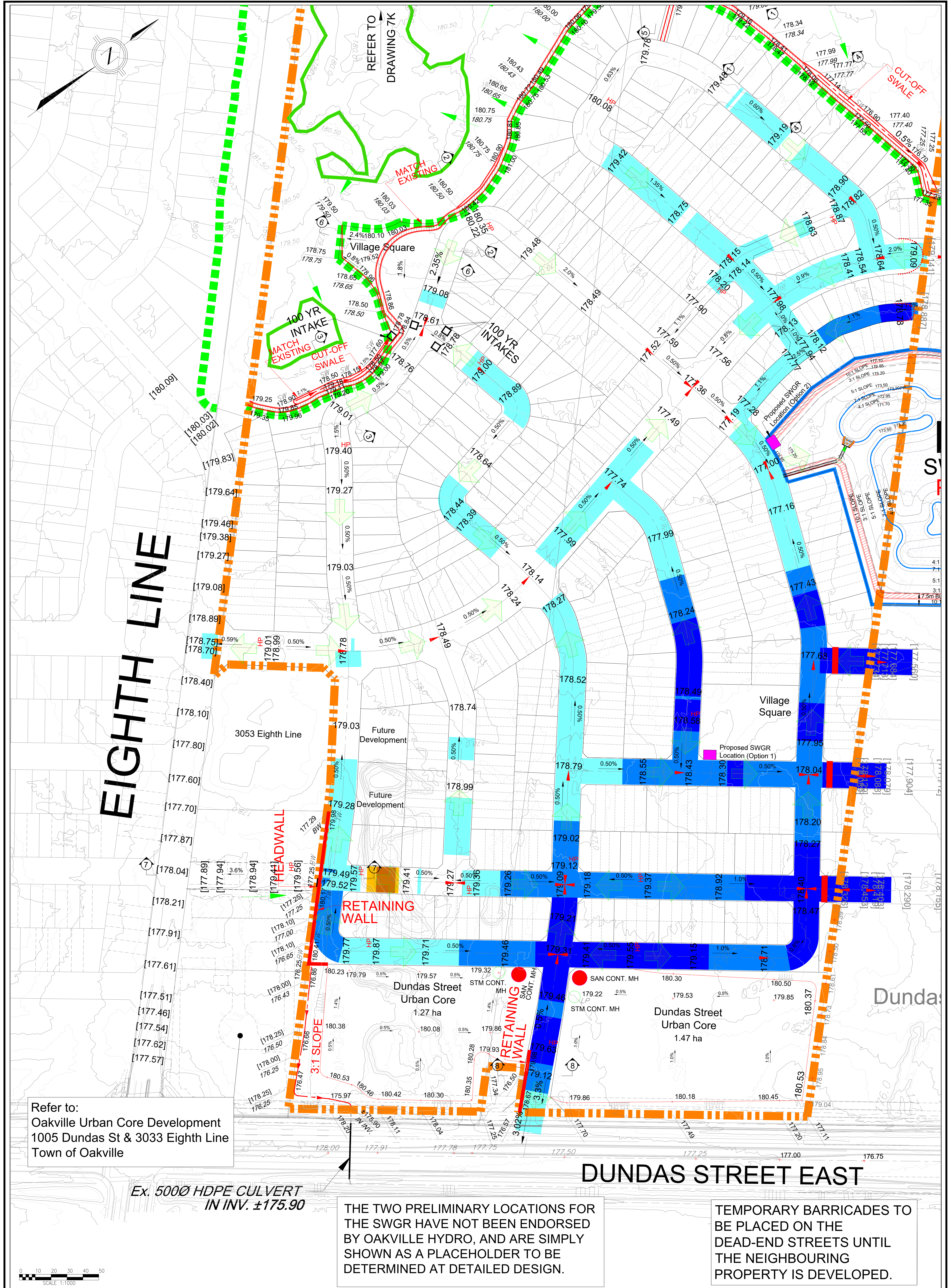




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- Legend**
- ▬▬▬▬ Subject Lands
  - ▬▬▬▬ EIR Subcatchment Area
  - ▬▬▬▬ FSS Study Area
  - ▬▬▬▬ Core 11 Boundary
  - ▬▬▬▬ PSW Wetland
  - ▬▬▬▬ PSW Drainage Boundary
  - ▬▬▬▬ Adjacent Subcatchment Boundary
  - - - - - NHS Limits

REDOAK/CAPOAK ADDENDUM #1 TO THE  
JOSHUA'S CREEK TRIBUTARIES EIR/FSS  
**DRAWING 6**  
**Wetland Drainage Areas**  
AUGUST 2020



**EIGHTH LINE**

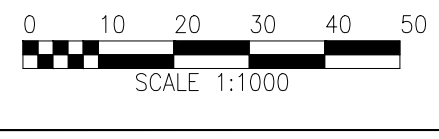
**DUNDAS STREET EAST**

Refer to:  
Oakville Urban Core Development  
1005 Dundas St & 3033 Eighth Line  
Town of Oakville

Ex. 5000 HDPE CULVERT  
IN INV. ±175.90

THE TWO PRELIMINARY LOCATIONS FOR THE SWGR HAVE NOT BEEN ENDORSED BY OAKVILLE HYDRO, AND ARE SIMPLY SHOWN AS A PLACEHOLDER TO BE DETERMINED AT DETAILED DESIGN.

TEMPORARY BARRICADES TO BE PLACED ON THE DEAD-END STREETS UNTIL THE NEIGHBOURING PROPERTY IS DEVELOPED.



Legend		CUT-FILL DEPTH ALONG CENTER LINE:	
	Redoak/Capoak Lands		Preliminary Switchgear Location
	Existing Elevation		Temporary Barricade
	Proposed Elevation		Temporary Turning Circle
	Existing Contour Elevation		NHS Limits
	Overland Flow Direction		CUT DEPTH (m)
	Existing Overland Flow Direction		FILL DEPTH (m)
	Retaining Wall Height		0 - 1
			1 - 2
			2 - 3
			> 3

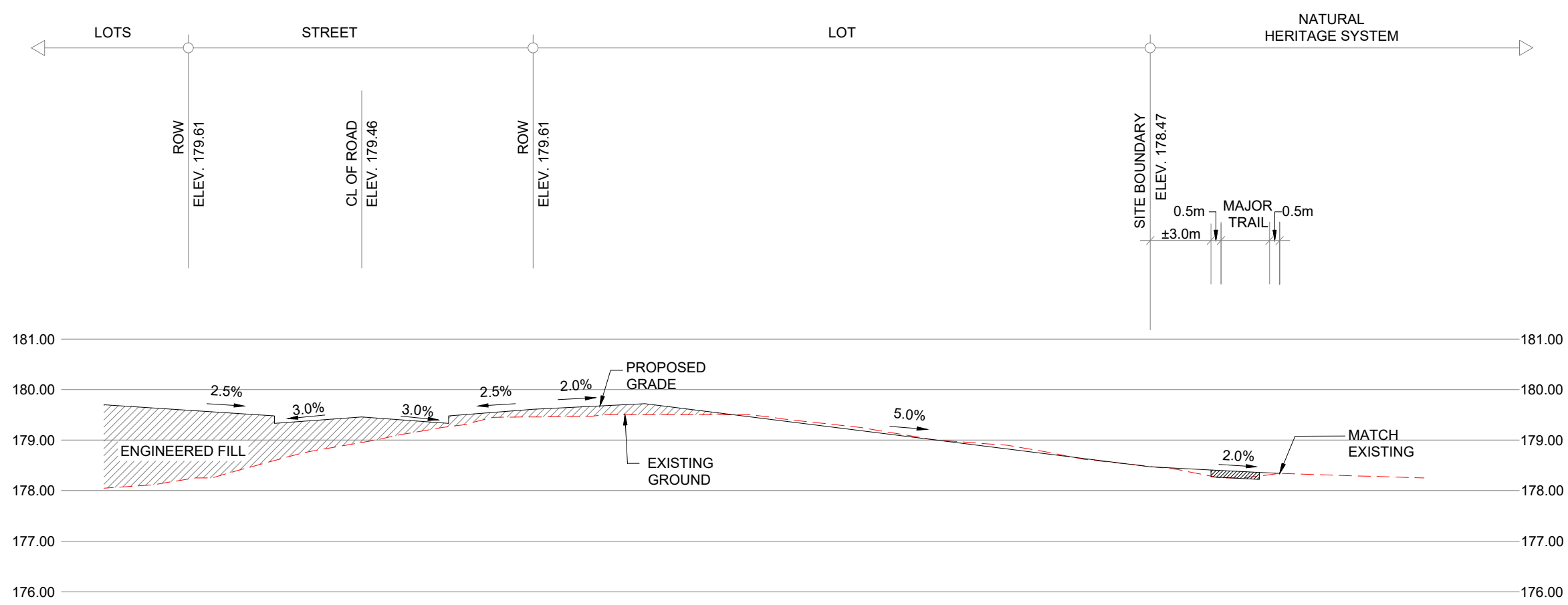
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R.J.Burnside & Associates Limited  
Stonybrook Consulting Inc.  
EXP  
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REDOAK/DUNOAK ADDENDUM #1 TO THE  
JOSHUA'S CREEK TRIBUTARIES EIR/FSS

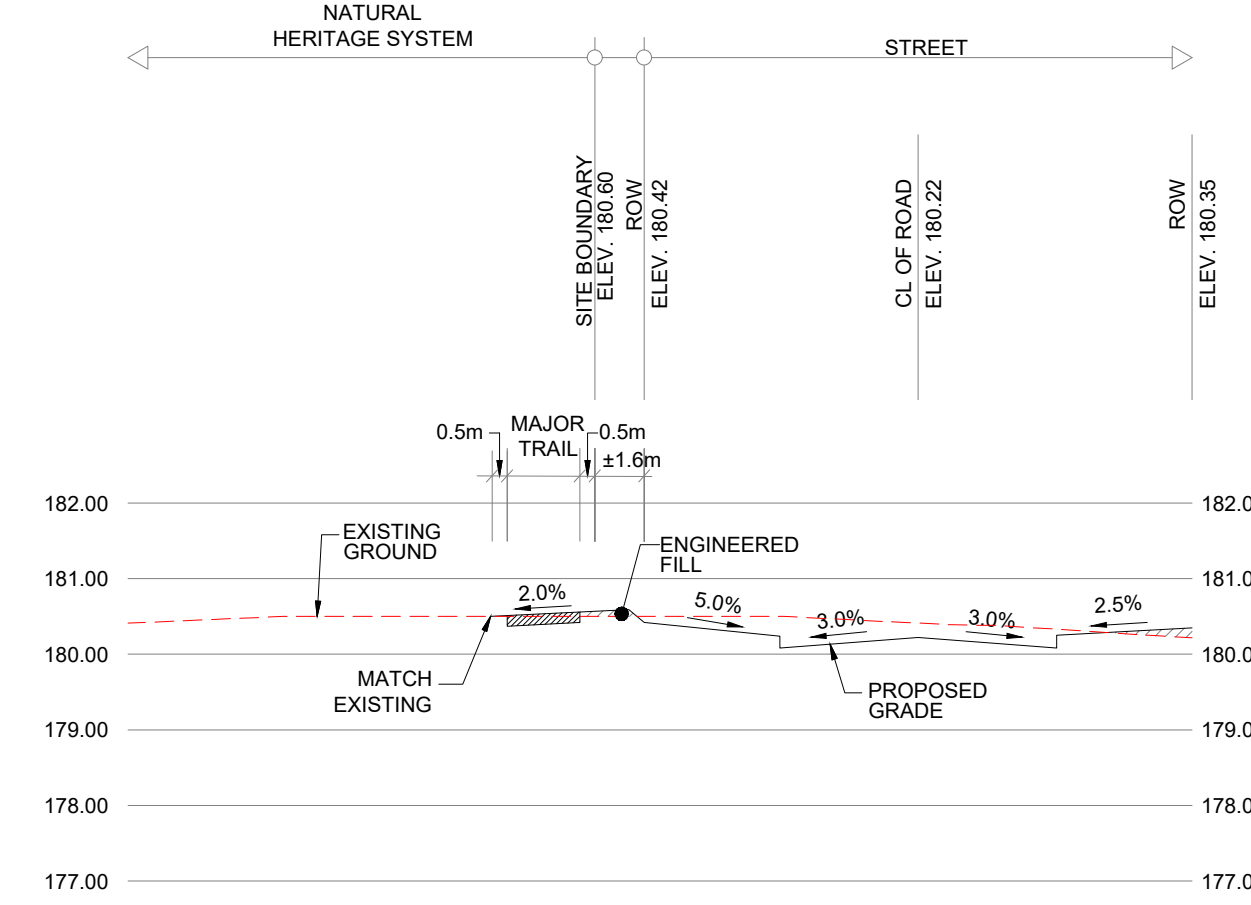
**DRAWING 7J**  
**Preliminary Grading Plan**

AUGUST 2020

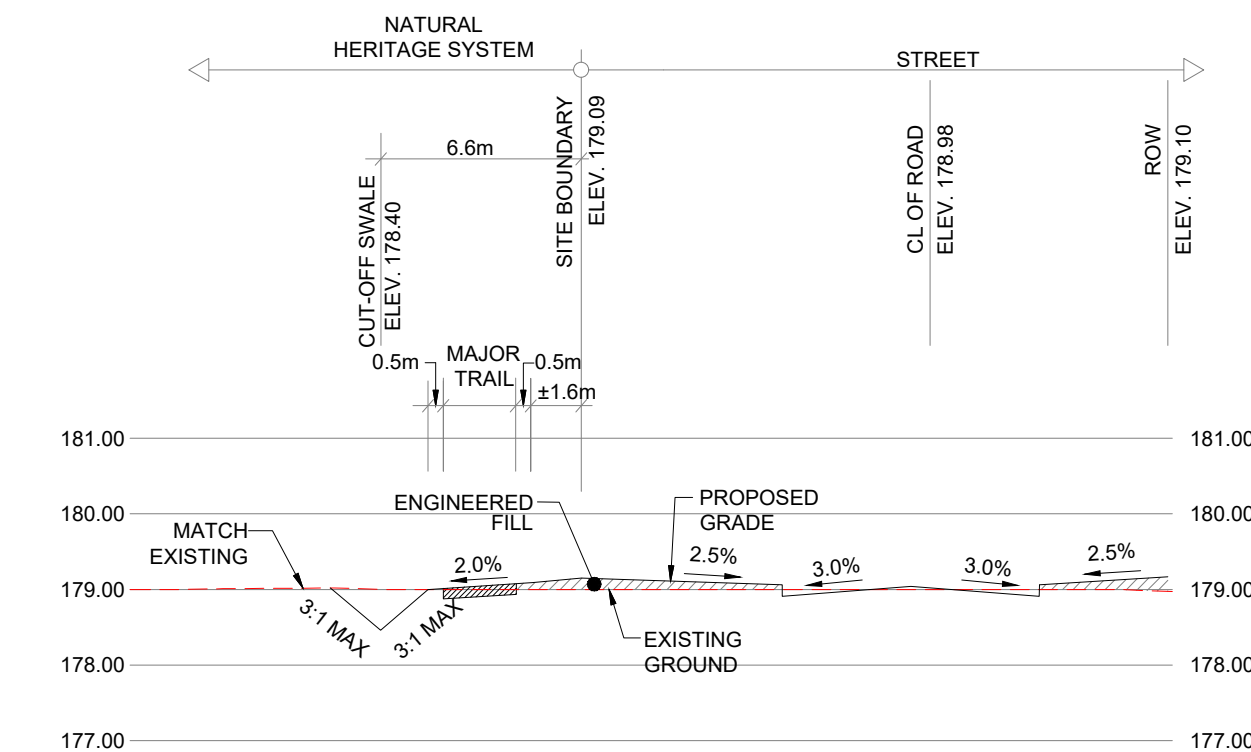




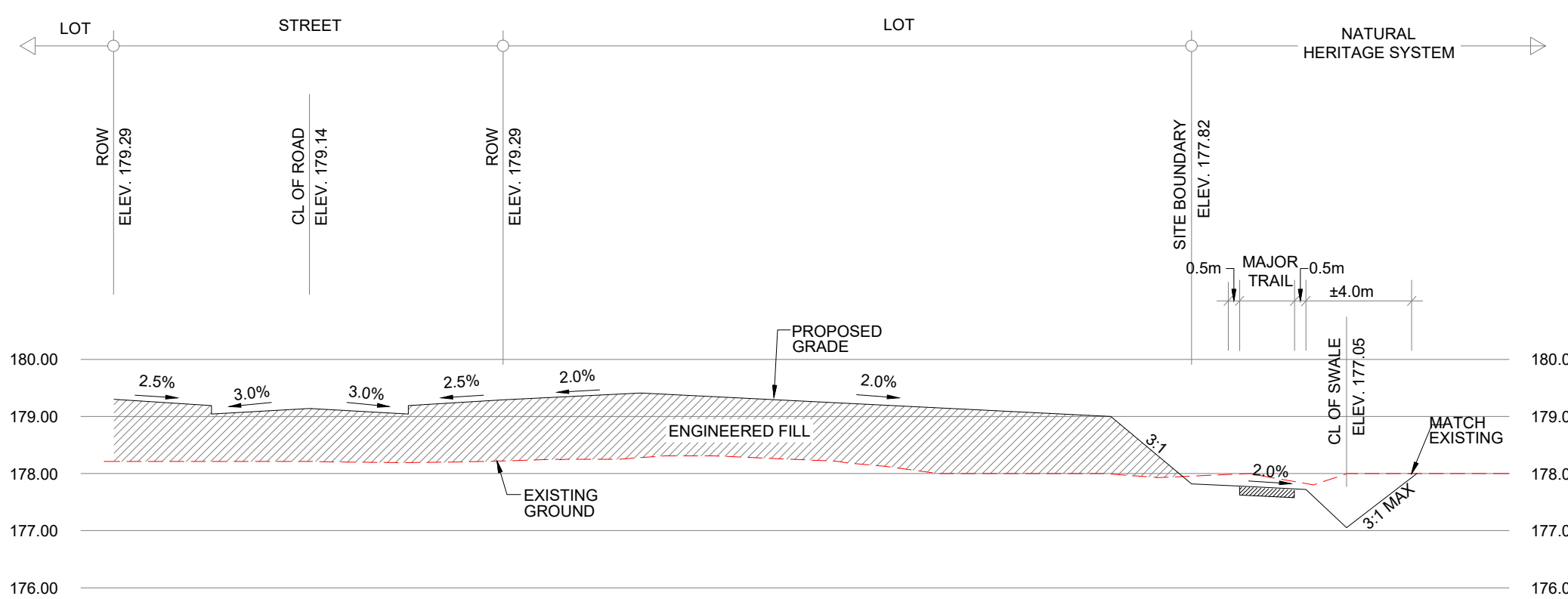
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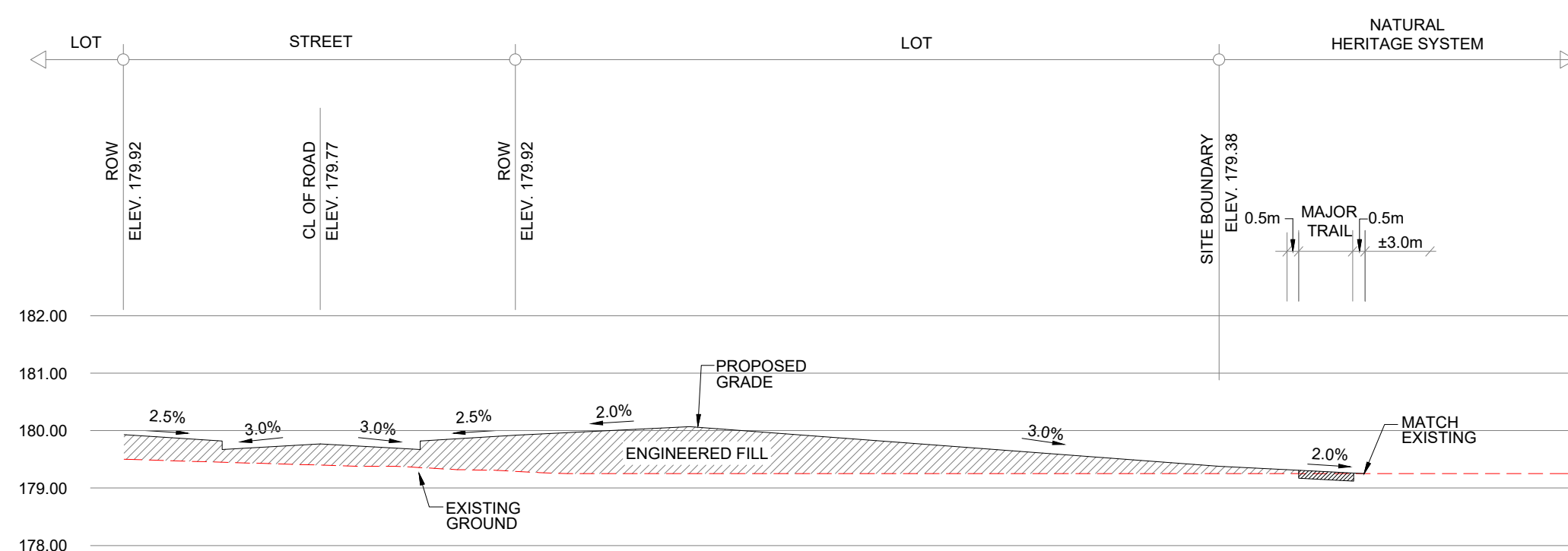
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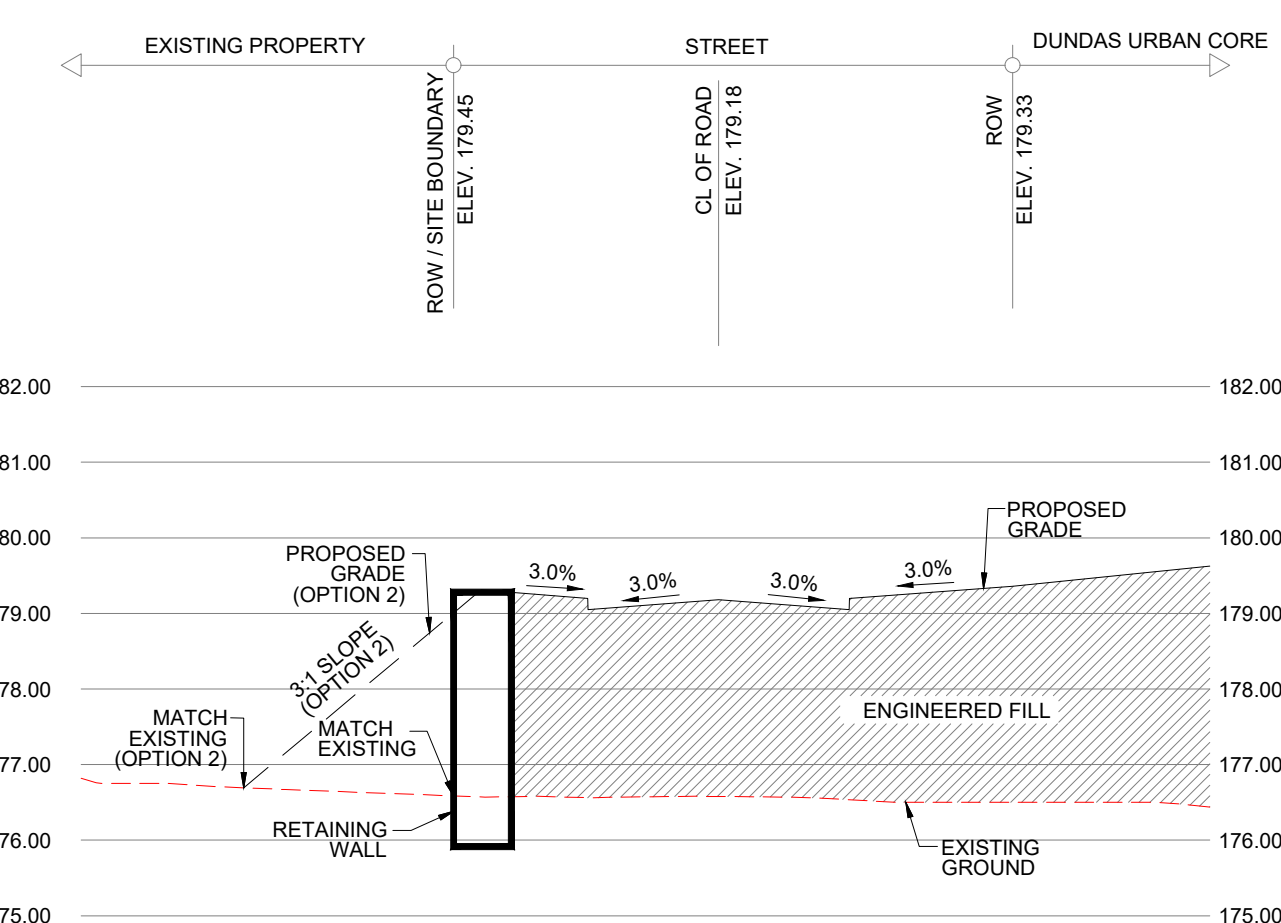
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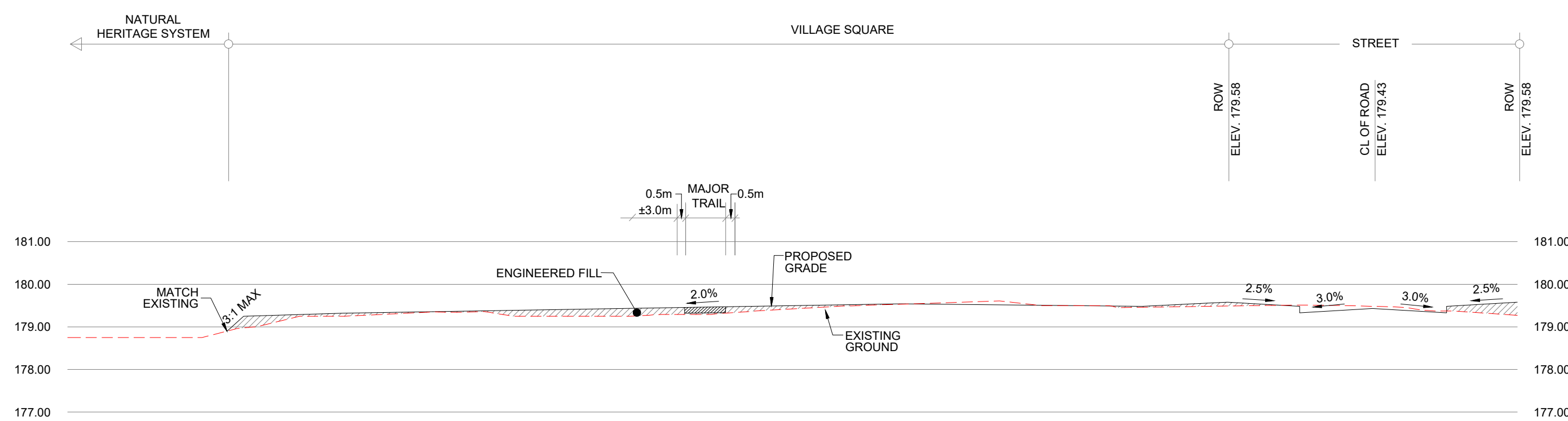
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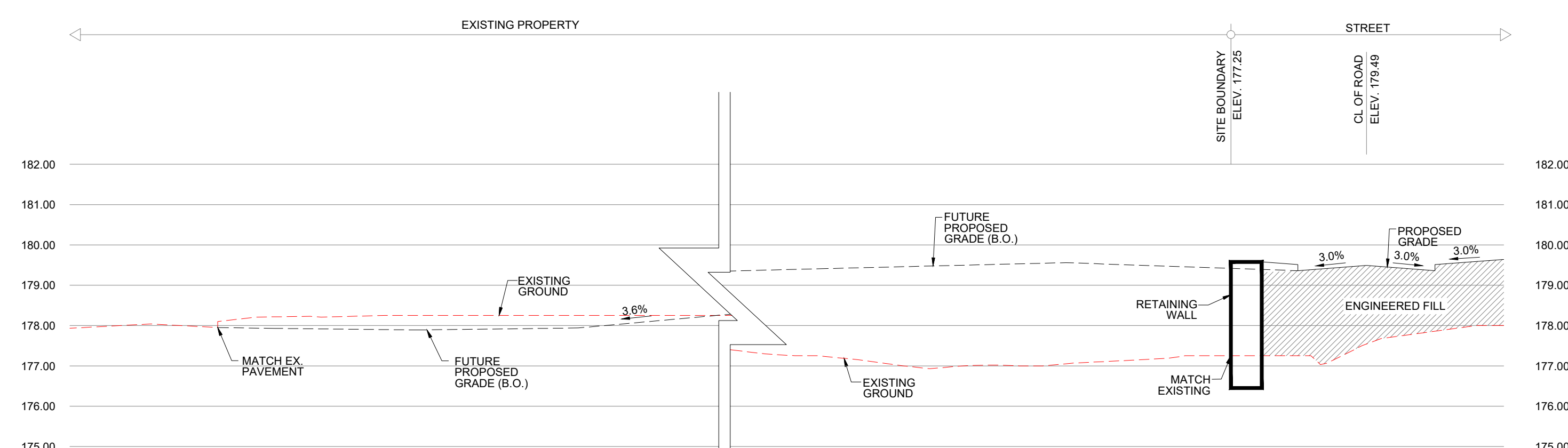
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SECTION 8-8  
SCALE HOR: 1:250  
VER: 1:100



SECTION 6-6  
SCALE HOR: 1:250  
VER: 1:100



SECTION 7-7  
SCALE HOR: 1:250  
VER: 1:100