

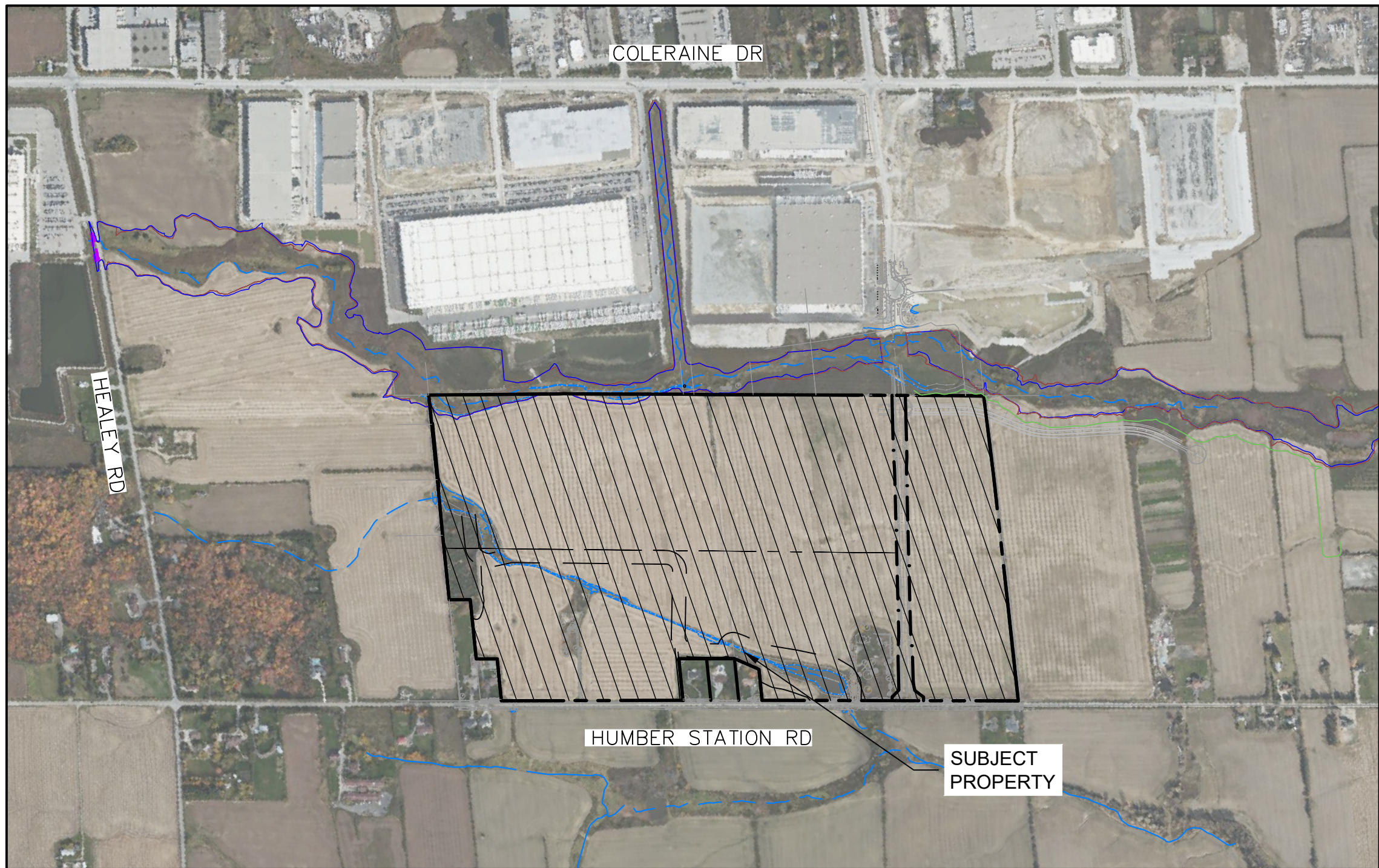
TOWN OF CALEDON  
PLANNING  
REG-000  
August 15, 2025

# HUMBER STATION DISTRIBUTION CENTRE

## TOWN OF CALEDON

### REGIONAL MUNICIPALITY OF PEEL

### NATURAL CHANNEL RE-ALIGNMENT DESIGN



SUBMISSION HISTORY		
SUB. NUMBER	DESCRIPTION	DATE
1	ISSUED FOR DRAFT PLAN OF SUBDIVISION	AUG/08/2025

MUNICIPALITY

TOWN OF CALEDON  
6311 OLD CHURCH RD.  
CALEDON, ON, L7C 1J6

REGION

REGION OF PEEL  
10 PEEL CENTRE DRIVE  
SUITE A AND B  
BRAMPTON, ON, L6T 4B9

CONSERVATION AUTHORITY

TORONTO AND REGION  
CONSERVATION AUTHORITY  
5 SHOREHAM DRIVE  
TORONTO, ON, M3N 1S4

DEVELOPER

PLD HUMBER STATION INVESTMENTS LP  
185 THE WEST MALL,  
SUITE 700  
TORONTO, ON, M9C 5L5

CIVIL

C.F. CROZIER & ASSOCIATES INC.  
2800 HIGH POINT DRIVE,  
SUITE 100  
MILTON, ON, L9T 6P4

GEOMORPHOLOGY

SLR CONSULTANTS LIMITED  
SUITE 200,  
300 TOWN CENTRE BOULEVARD,  
MARKHAM,ON, L3R 5Z6

LANDSCAPE ARCHITECT

MHBC  
PLANNING URBAN DESIGN &  
LANDSCAPE ARCHITECTURE  
3230-7050 WESTON ROAD,  
WOODBIDGE ON, L4L 8G7



2800 High Point Drive  
Suite 100  
Milton, ON L9T 6P4  
905-875-0026 T  
905-875-4915 F  
www.cfcrozier.ca

PROJECT No.: 0624-6777  
1ST SUBMISSION FILE: ISSUED FOR DRAFT PLAN OF SUBDIVISION



EXISTING FEATURES (EX.)

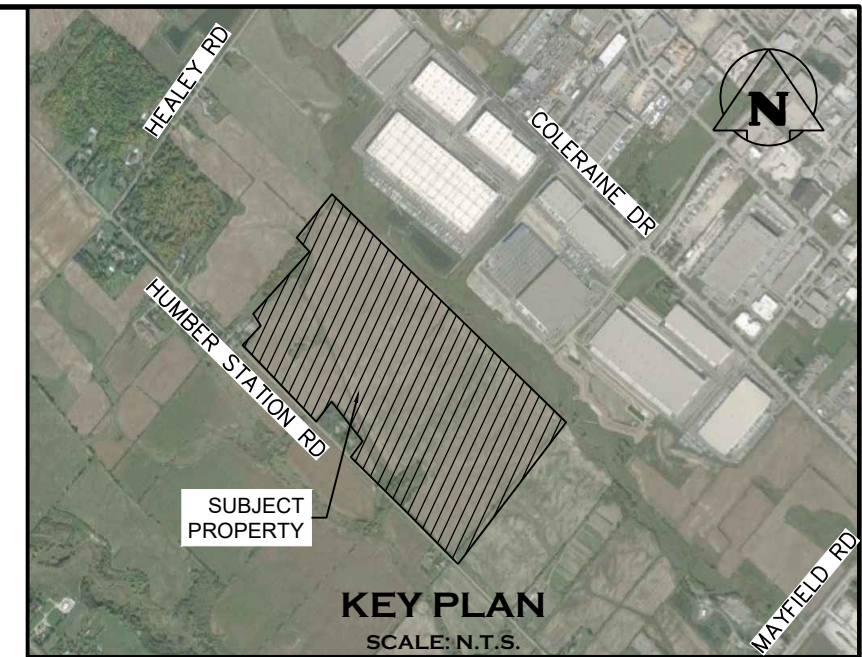
	EXISTING CONTOUR
	EXISTING CONTOUR
	EXISTING GRADE
	EXISTING REGULATORY FLOODPLAIN
	50m MONITORING ZONE (ARCHEOWORKS INC.; 2024)
	20m PROTECTIVE BUFFER (ARCHEOWORKS INC.; 2024)
	HEADWATER DRAINAGE FEATURE (HDF)
	10m PRE-GRADE SETBACK (PALMER; 2024)
	TRCA REGULATION LIMIT (PALMER; 2024)
	FLOODLINE 10m SETBACK (PALMER; 2024)
	FLOODLINE (PALMER; 2024)
	EXISTING SILT FENCE
	EXISTING DOUBLE LAYER HEAVY DUTY SILT FENCE C/W STRAWBALES

	TRCA REGULATED AREA
	NATURAL HERITAGE SYSTEM LIMIT (CEI CONSULTANTS; 2024)
	COMPREHENSIVE DEVELOPMENT SETBACK (PALMER; 2024)
	EXISTING WETLAND (SLR; 2025)
	EXISTING DOWNSTREAM POND AND DRAINAGE COURSE (SLR; 2025)
	WETLAND C1
	EXISTING CHANNEL TO REMAIN UNTIL STABILIZATION OF NEW CHANNEL (PETROFF; 2024)
	EXISTING OVERLAND FLOW DIRECTION
	WOODLAND COMPENSATION BUFFER (10m) (SLR; 2025)

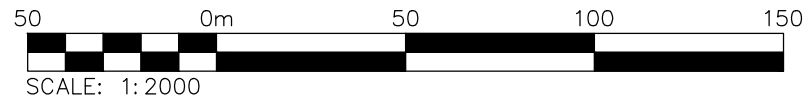
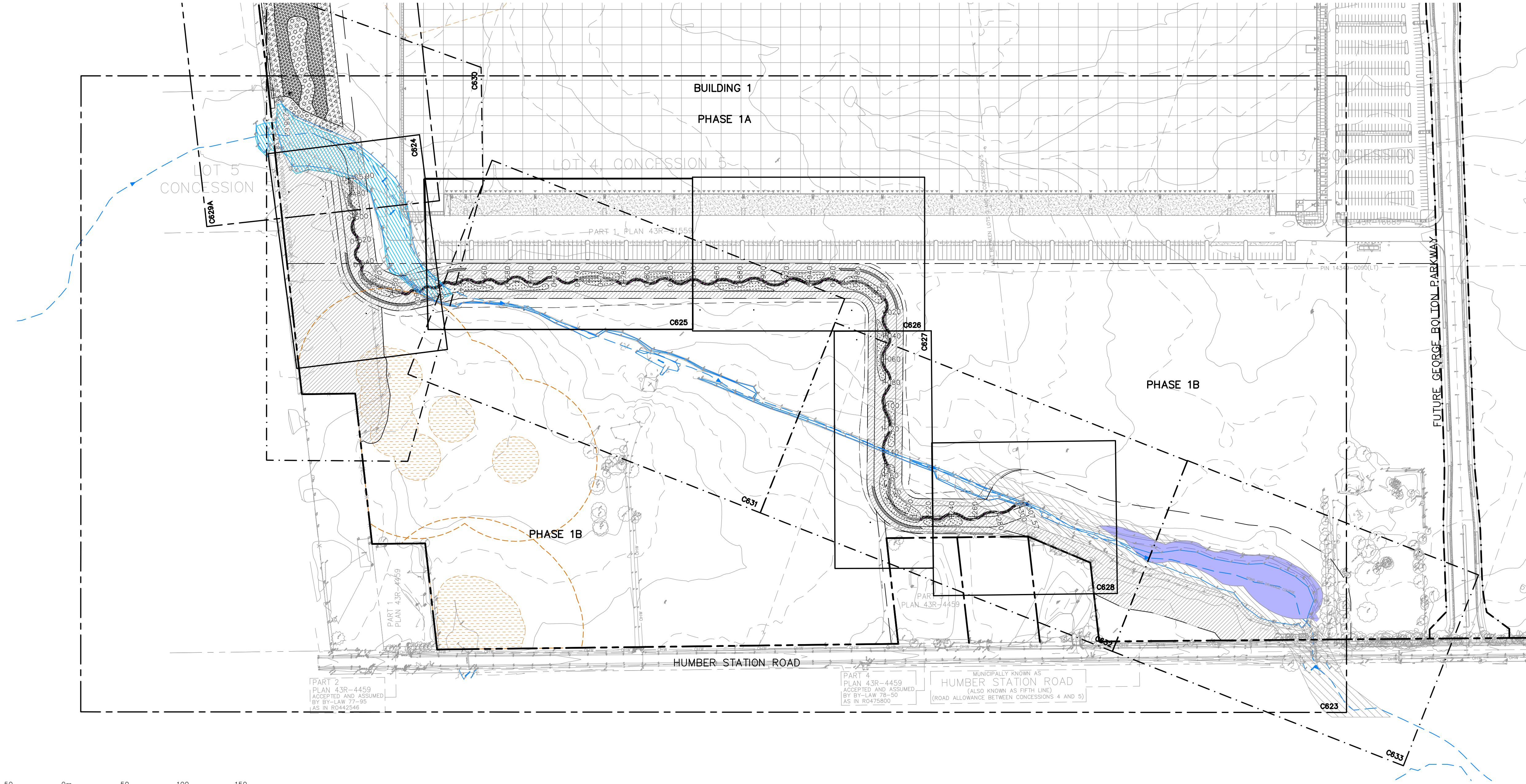
PROPOSED FEATURES (PR.)

	PROPERTY LINE
	PROPOSED ELEVATION
	PROPOSED ELEVATION (MATCH EXISTING ELEVATION)
	PROPOSED SLOPE (3:1 MAX.)
	PROPOSED SLOPE
	RIGHT-OF-WAY LIMITS
	LIMITS OF CHANNEL CORRIDOR
	10m BUFFER LIMIT
	PROPOSED SWALE (0.2%)
	PROPOSED HEAVY DUTY SILT FENCE; REFER TO ESC-10
	PROPOSED DOUBLE LAYER HEAVY DUTY SILT FENCE C/W STRAWBALES; REFER TO DETAIL ON ESC-10

	PROPOSED RIFFLE STONE AREA
	PROPOSED SHALLOW MARSH (SLR; 2025)
	PROPOSED MEADOW MARSH (SLR; 2025)
	PROPOSED DECIDUOUS FOREST (SLR; 2025)
	PROPOSED BED MATERIAL AREA (SLR; 2025)
	PROPOSED ONLINE/OFFLINE WETLAND AREA (SLR; 2025)
	PROPOSED BRUSH LAYERING AREA (SLR; 2025)
	PROPOSED NATURAL HERITAGE SYSTEM AREA (PETROFF; 2024)
	FUTURE REGIONAL FLOODLINE
	LIMIT OF DEVELOPMENT



CHANNEL SHEET INDEX	
DRAWING	TITLE
C620	COVER
C621	LEGEND AND SHEET INDEX
C623	CHANNEL PLAN & PROFILE (0+00 - 1+319)
C624	CHANNEL PLAN AND PROFILE (0+465 - 0+610)
C625	CHANNEL PLAN AND PROFILE (0+610 - 0+840)
C626	CHANNEL PLAN AND PROFILE (0+840 - 1+040)
C627	CHANNEL PLAN AND PROFILE (1+040 - 1+230)
C628	CHANNEL PLAN AND PROFILE (1+230 - 1+315)
C629	ACCESS ROAD PLAN AND PROFILE (0+000 - 0+124)
C629A	WETLAND RELOCATION AREA 2 GRADING PLAN
C630	EROSION AND SEDIMENT CONTROL PLAN CHANNEL (1)
C631	EROSION AND SEDIMENT CONTROL PLAN CHANNEL (2)
C632	EROSION AND SEDIMENT CONTROL PLAN CHANNEL (3)
C633	EROSION AND SEDIMENT CONTROL PLAN CHANNEL (4)
C634	CHANNEL CROSS SECTION (0+840 AND 0+100)
C635	EROSION & SEDIMENT CONTROL - CONSTRUCTION NOTES AND DETAILS
C636	CHANNEL CONSTRUCTION PHASING 1 & 2
C637	CHANNEL CONSTRUCTION PHASING 3, 4 & 5



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TEMPORARY BENCHMARKS:

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Town

No.	ISSUE	DATE: MM/DD/YYYY	Engineer
1	ISSUED FOR DRAFT PLAN OF SUBDIVISION	AUG/08/2025	

Engineer



Engineer



Project

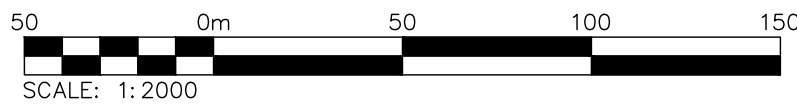
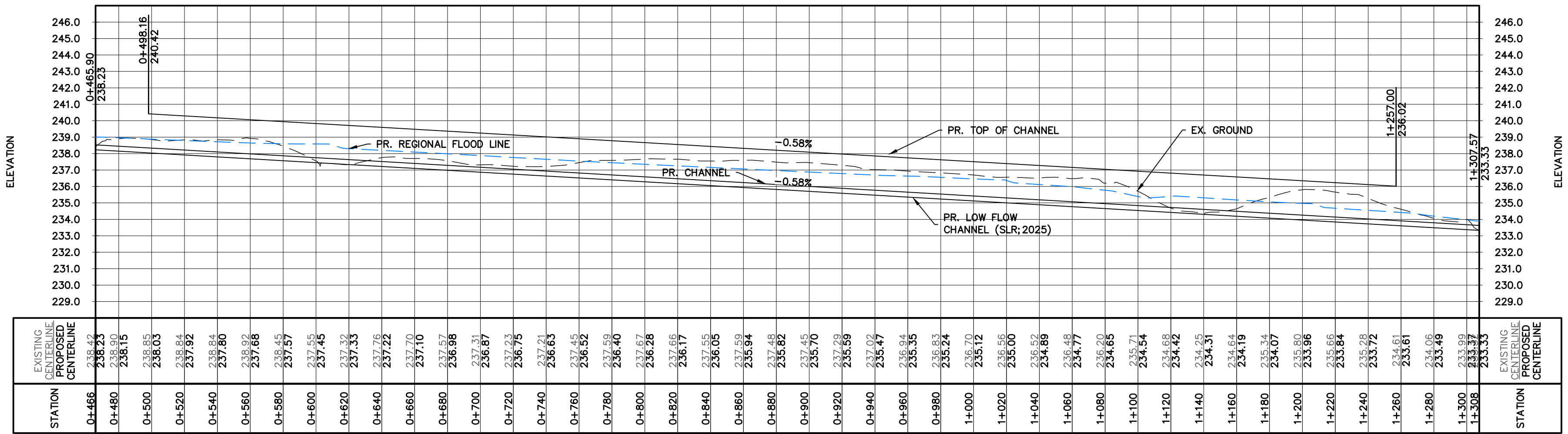
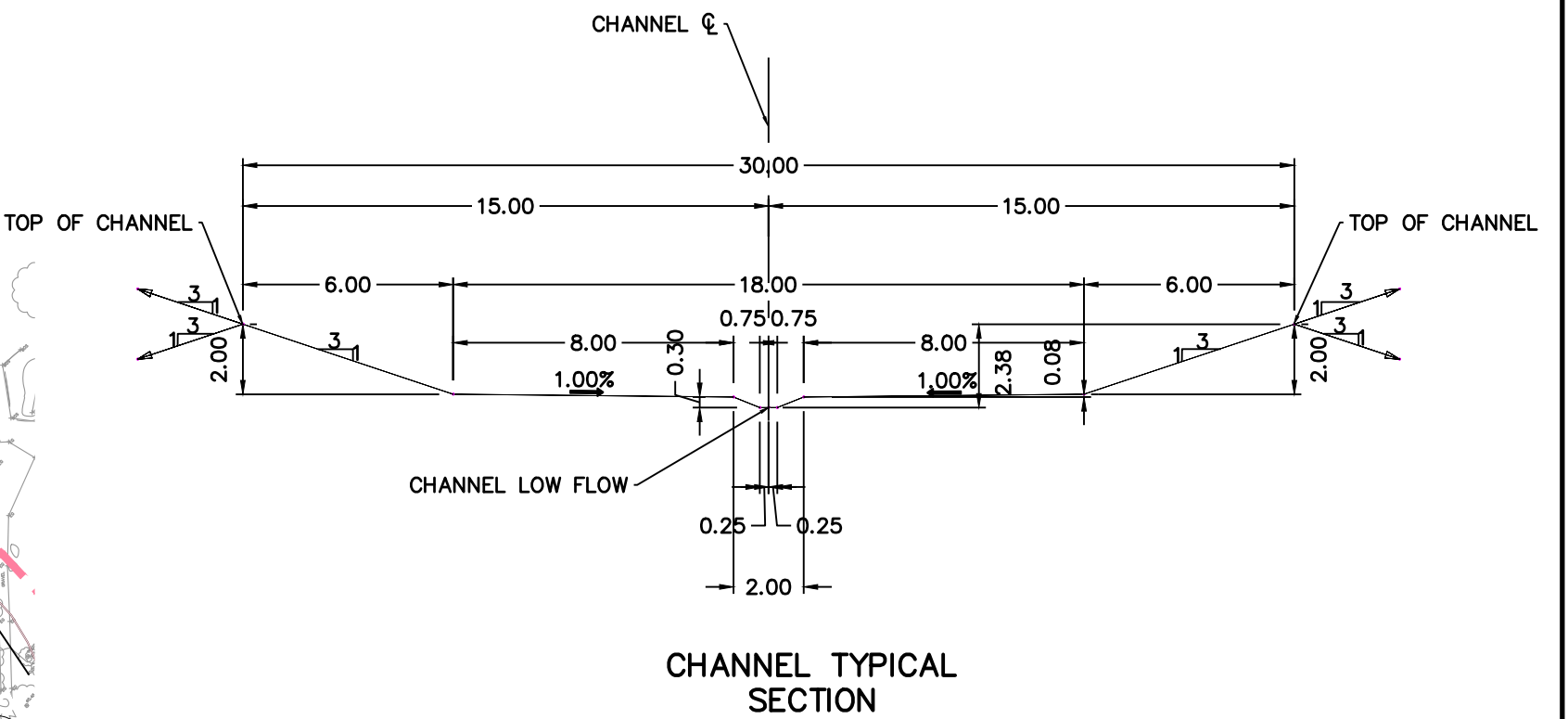
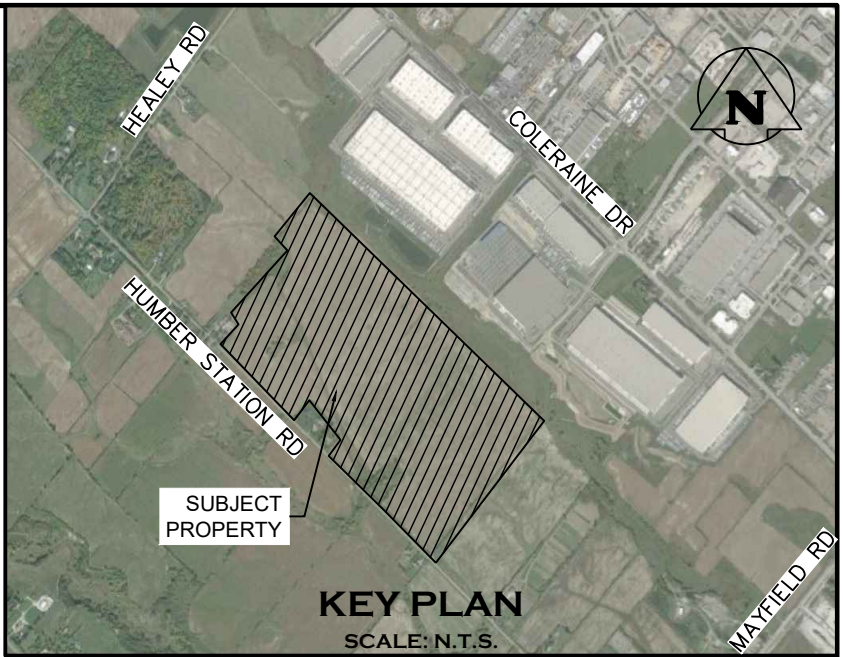
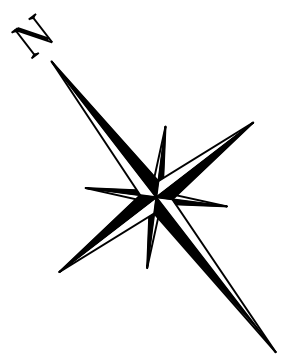
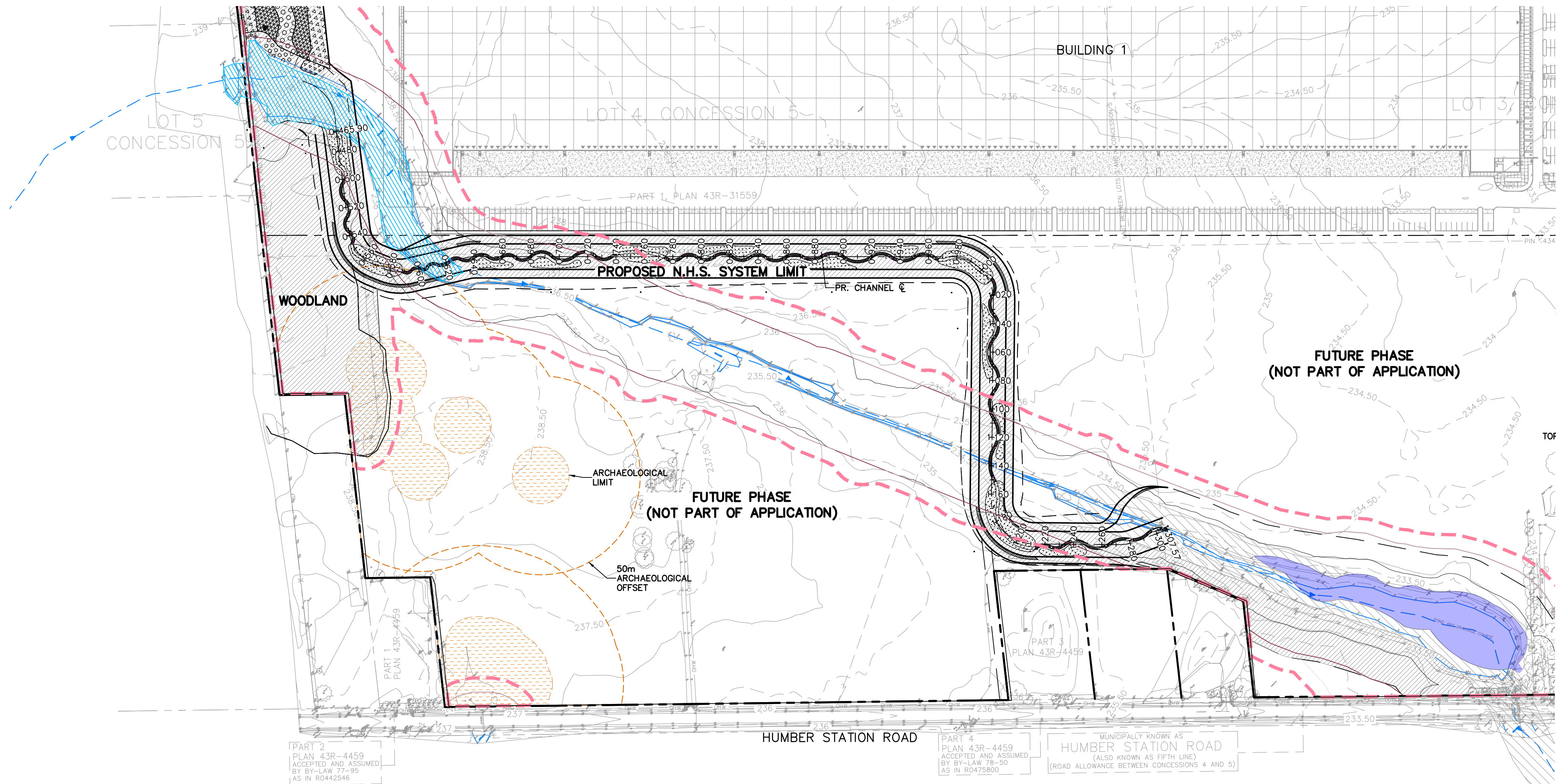
HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Drawing

LEGEND AND SHEET INDEX

Drawn By S.C./D.G./M.P.H.	Design By J.B./D.G./K.D.	Project 624-6777
Check By M.I./J.F.	Check By M.I./J.F.	Drawing C621





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Engineer



Engineer



Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Drawing

CHANNEL PLAN & PROFILE (0+00 - 1+319)

Drawn By  
S.C./D.G./M.P.H.

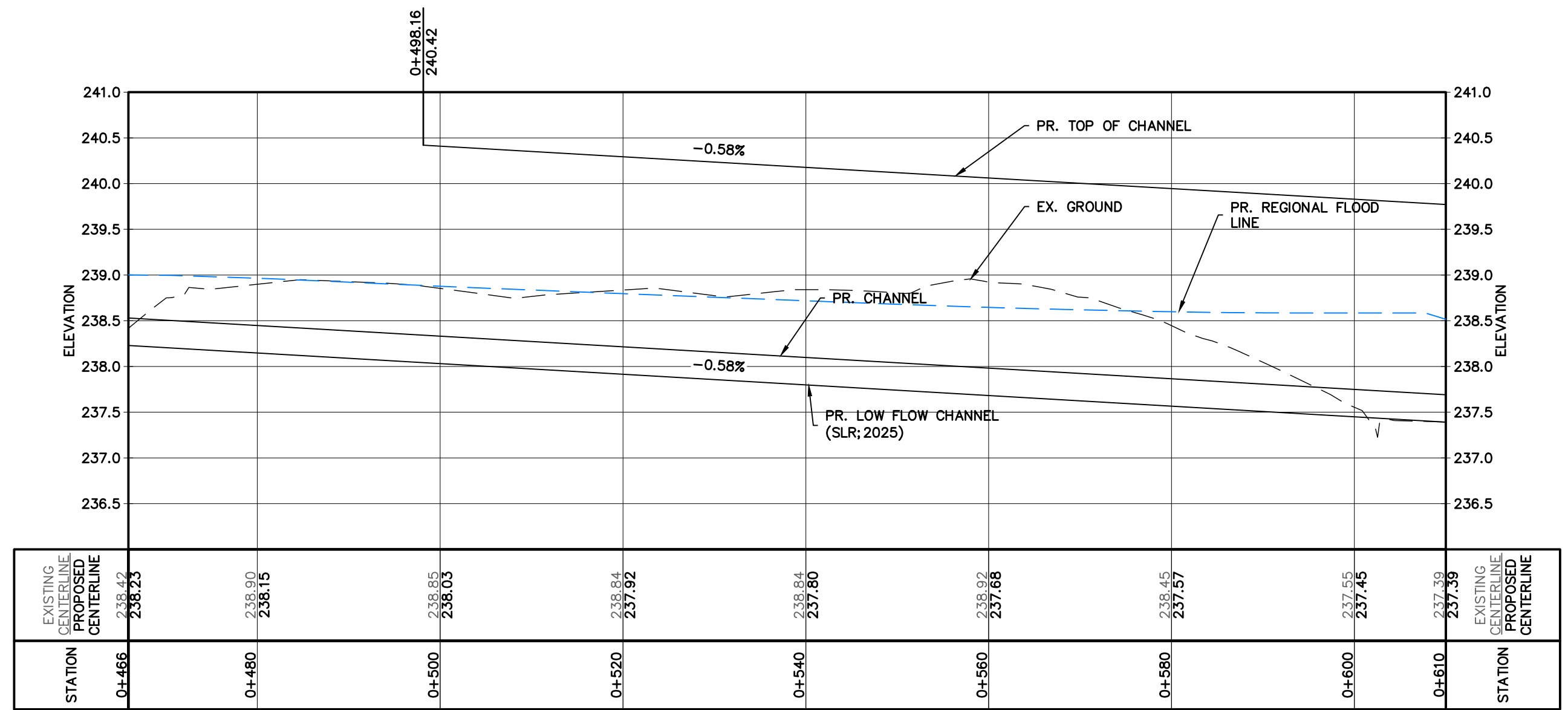
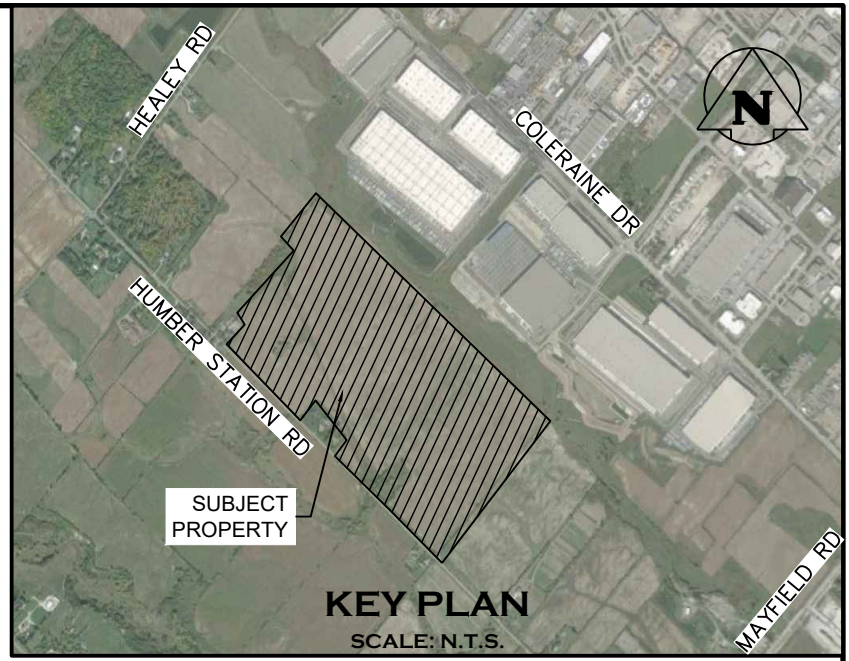
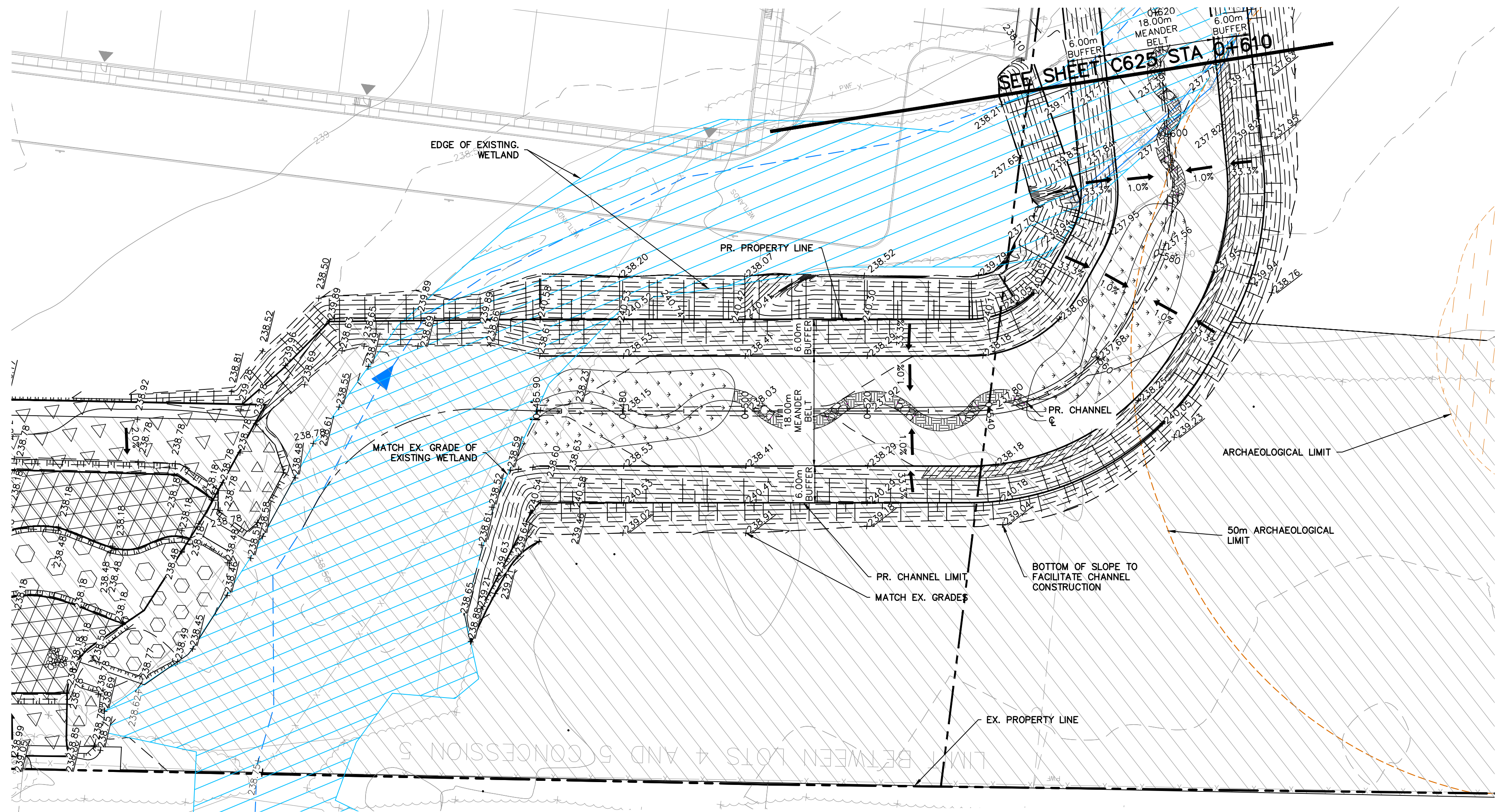
Design By  
J.B./D.G./K.D.

Project  
624-6777

Check By  
M.I./J.F.

Drawing  
C623





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Engineer



Engineer



Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON  
Drawing  
CHANNEL PLAN AND PROFILE (0+465 - 0+610)

**CROZIER**  
CONSULTING ENGINEERS

Drawn By S.C./D.G./M.P.H.	Design By J.B./D.G./K.D.	Project <b>624-6777</b>
Check By M.I./J.F.	Check By M.I./J.F.	Drawing <b>C624</b>

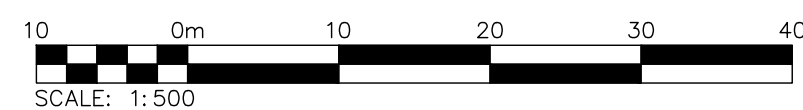
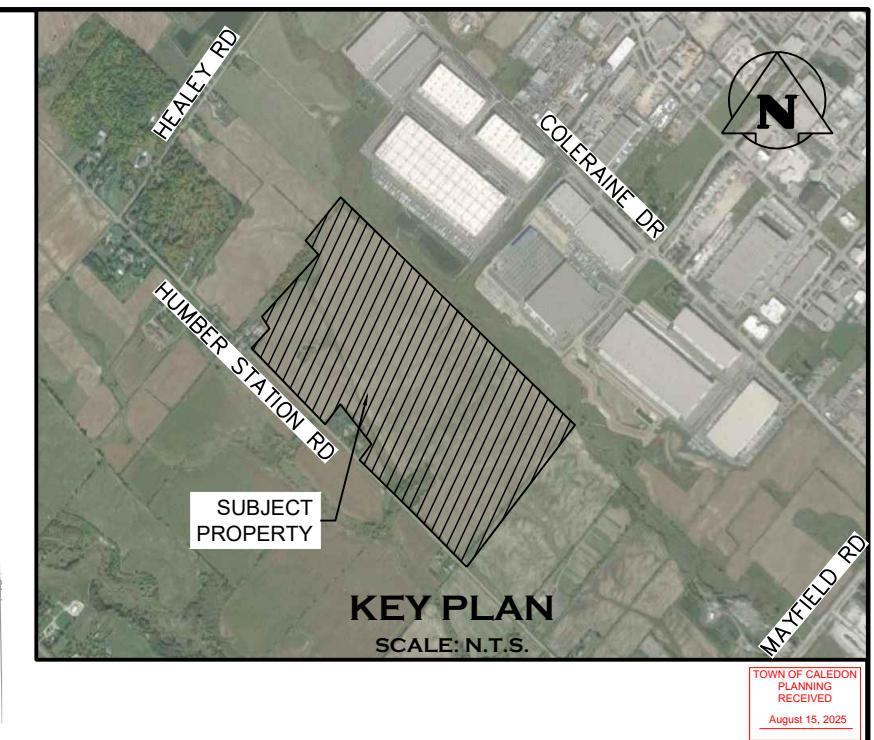












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5. DO NOT SCALE DRAWINGS.

Tow

Engine	
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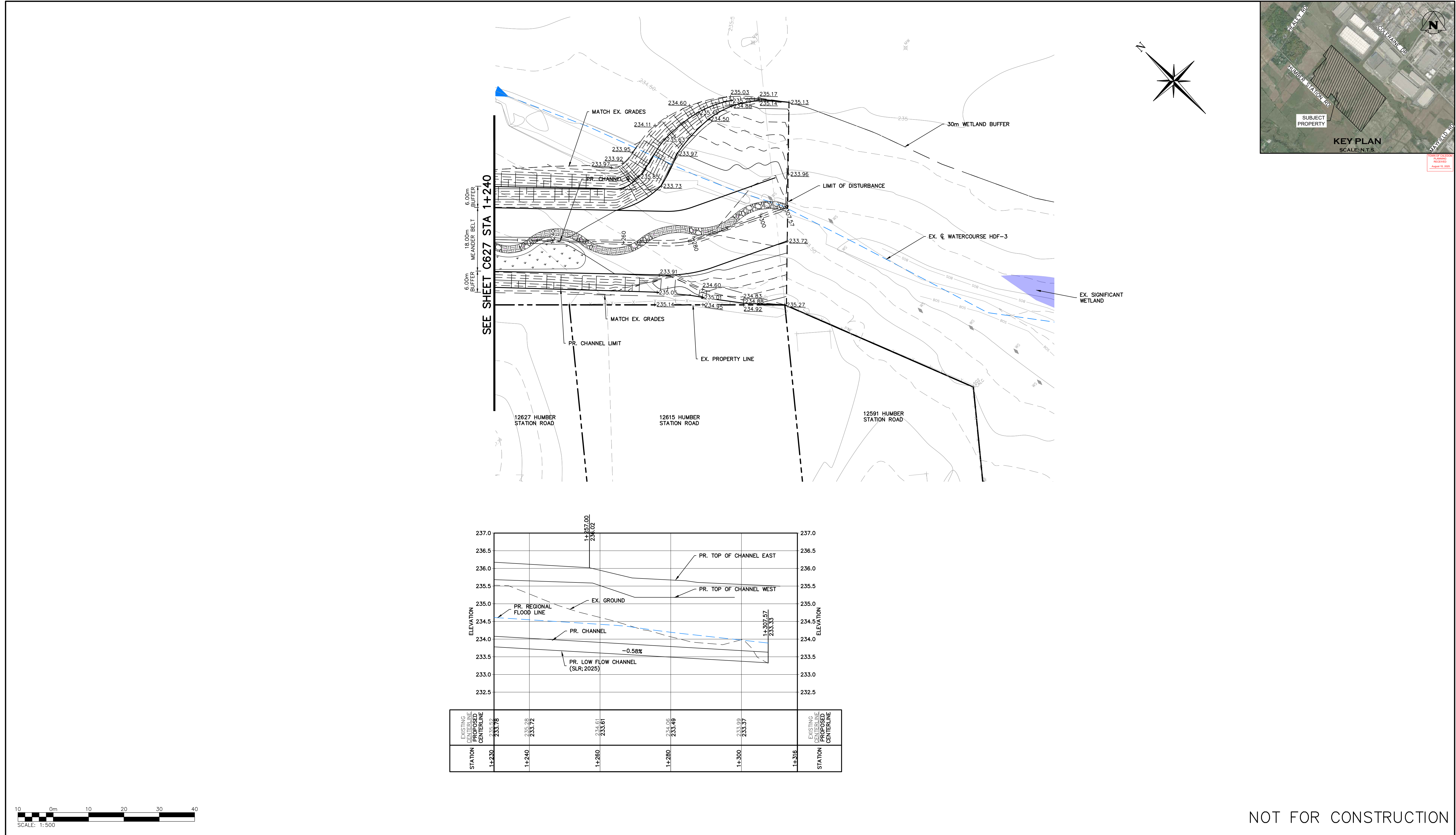
Drawin



**CROZIER**  
CONSULTING ENGINEERS

Drawn By S.C./D.G./M.P.H.	Design By J.B./D.G./K.D.	Project <b>624-6777</b>
Check By M.I./J.F.	Check By M.I./J.F.	Drawing <b>C627</b>





100m

0m

10

20

30

40

SCALE: 1:500

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Town

No.	ISSUE	DATE: MMM/DD/YYYY
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LICENSED PROFESSIONAL ENGINEER

J. BILLY

100553247

Aug 8, 2025

624-8777

PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER

M. ISKANDER

100226829

Aug-08-2025

PROVINCE OF ONTARIO

Engineer

Engineer

Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Drawing

CHANNEL PLAN AND PROFILE (1+230 – 1+315)

Drawn By

S.C./D.G./M.P.H.

Design By

J.B./D.G./K.D.

Project

624-6777

Check By

M.I./J.F.

Check By

M.I./J.F.

Drawing

C628

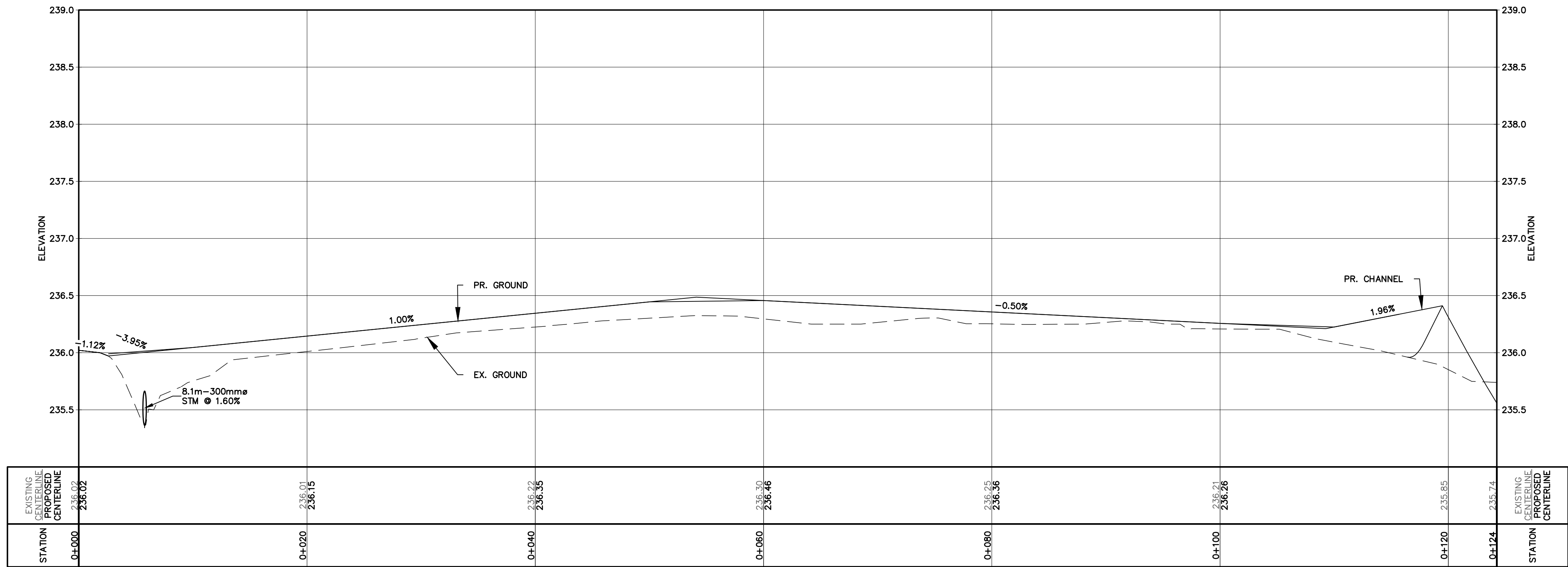
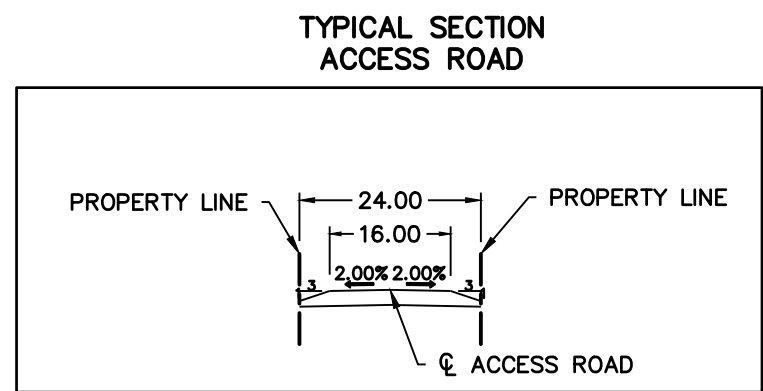
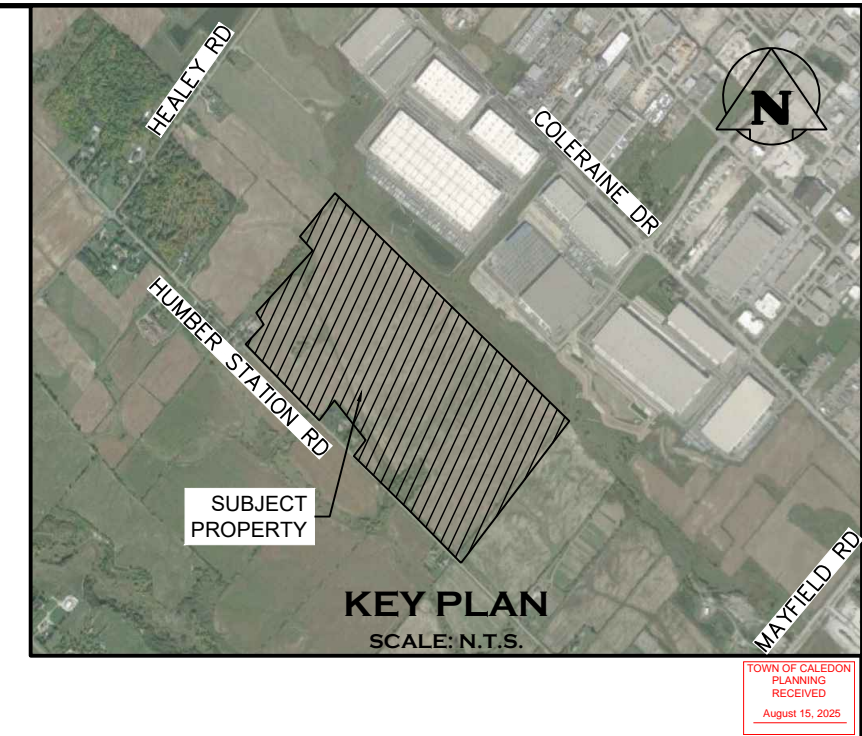
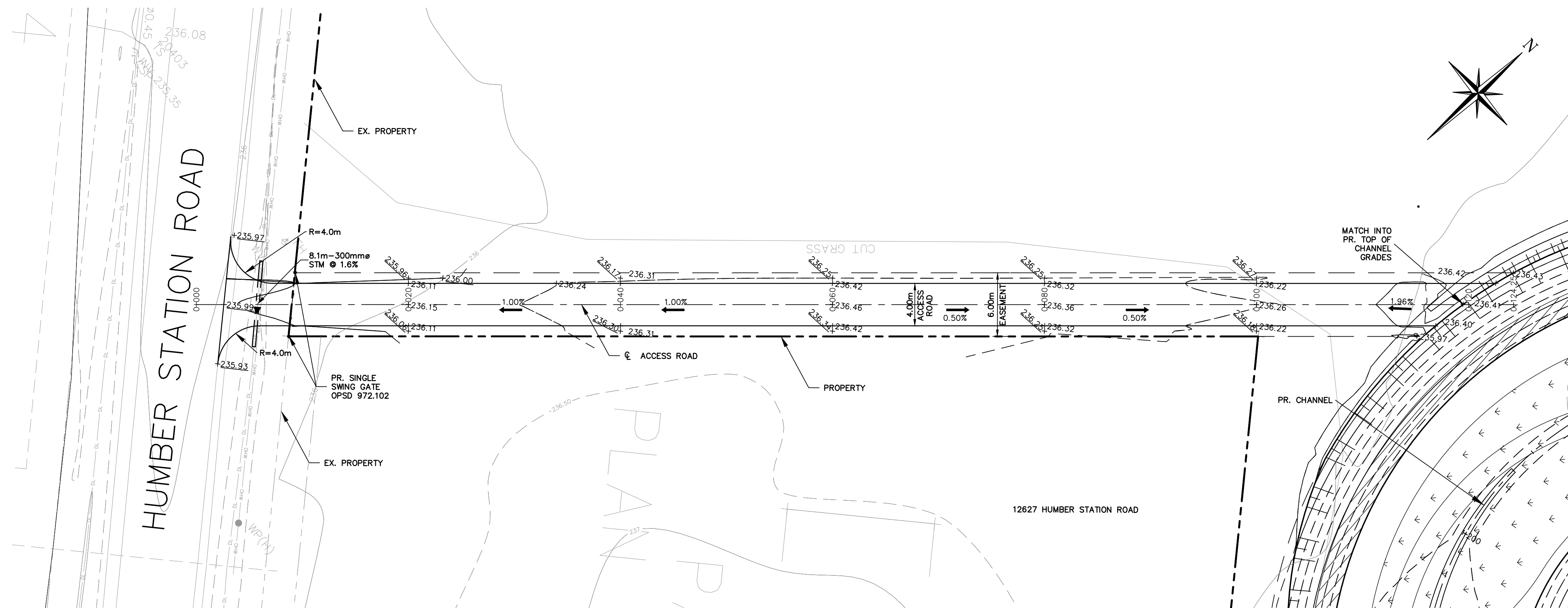
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CROZIER

CONSULTING ENGINEERS

NOT FOR CONSTRUCTION





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Town

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Engineer



Engineer



Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

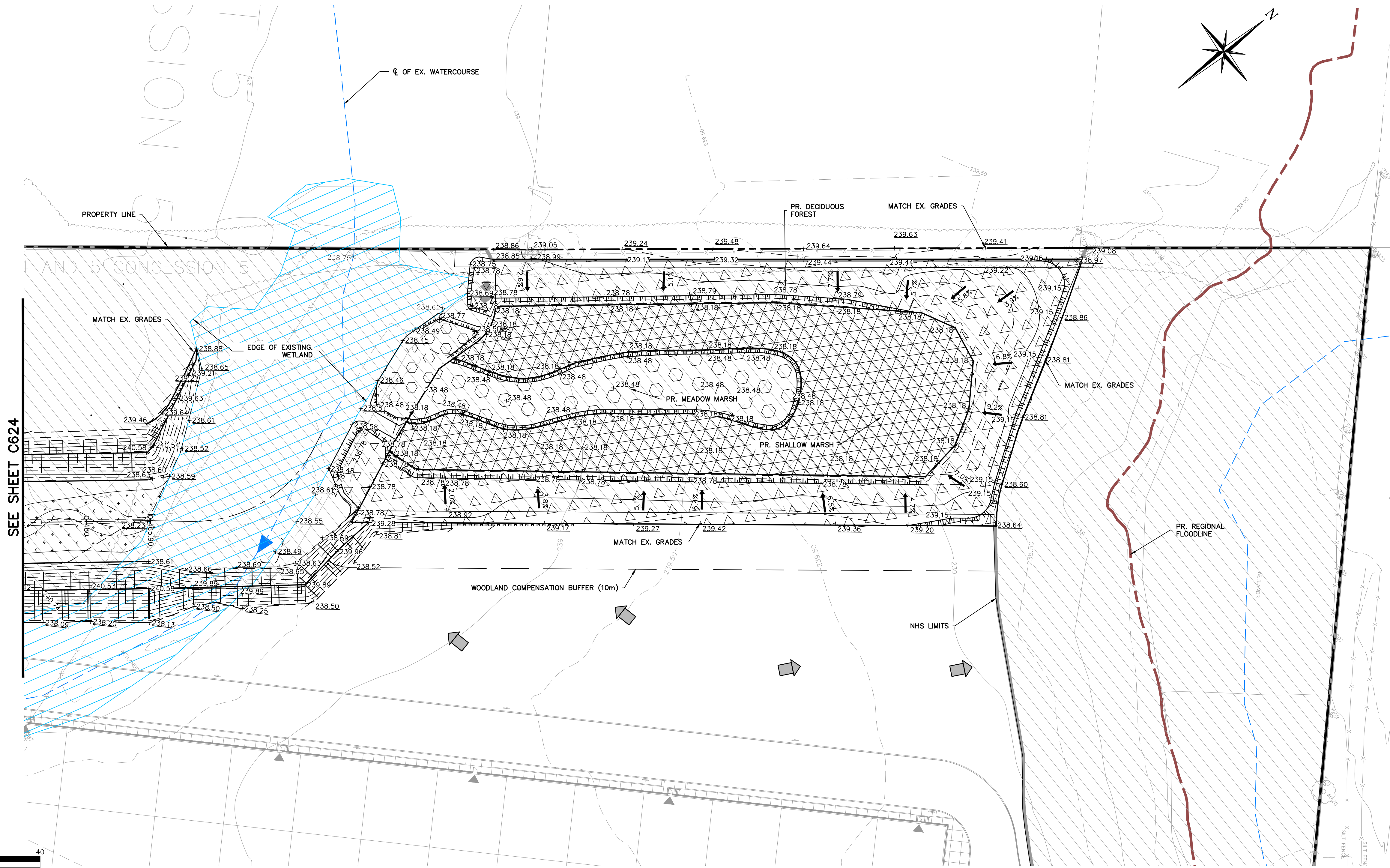
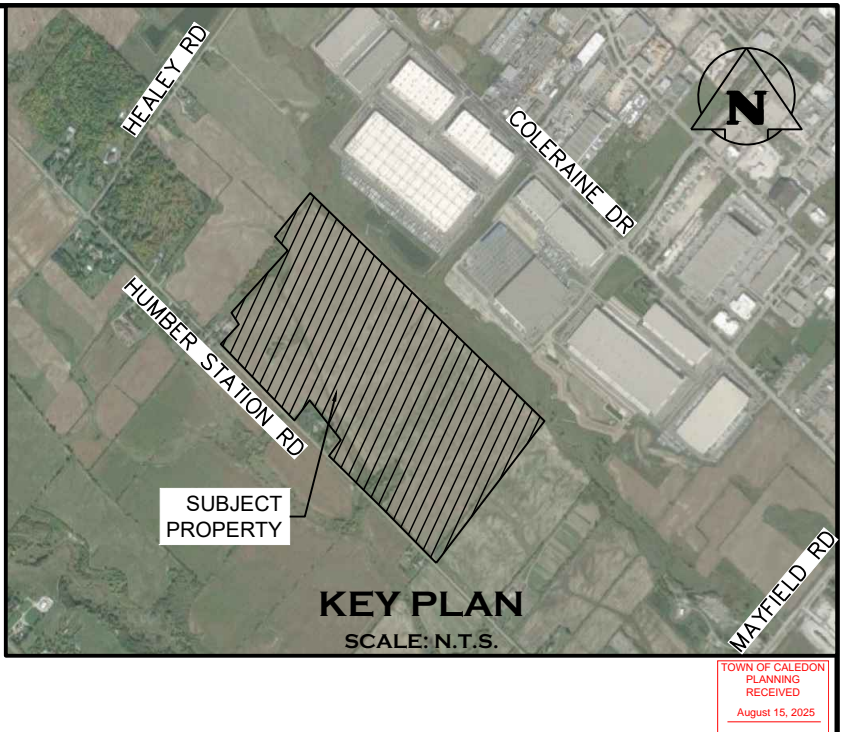
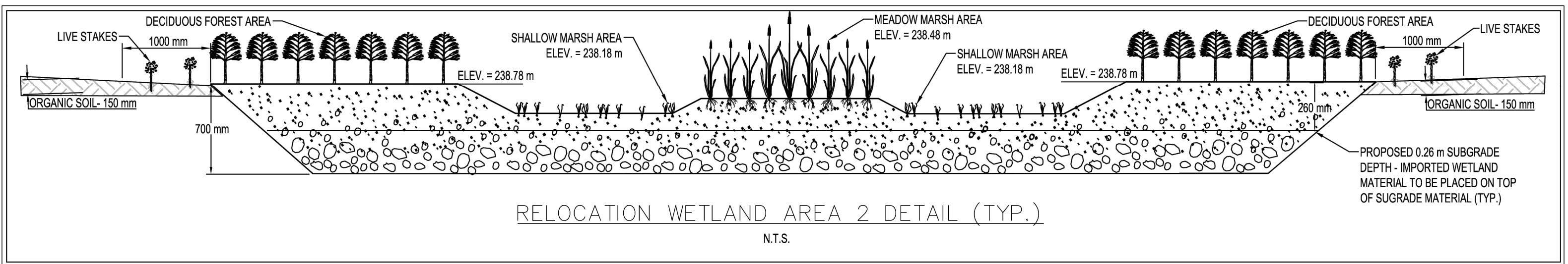
Drawing

ACCESS ROAD PLAN AND PROFILE  
(0+000 - 0+124)



Drawn By S.C./D.G./M.P.H.	Design By J.B./D.G./K.D.	Project <b>624-6777</b>
Check By M.I./J.F.	Check By M.I./J.F.	Drawing <b>C629</b>





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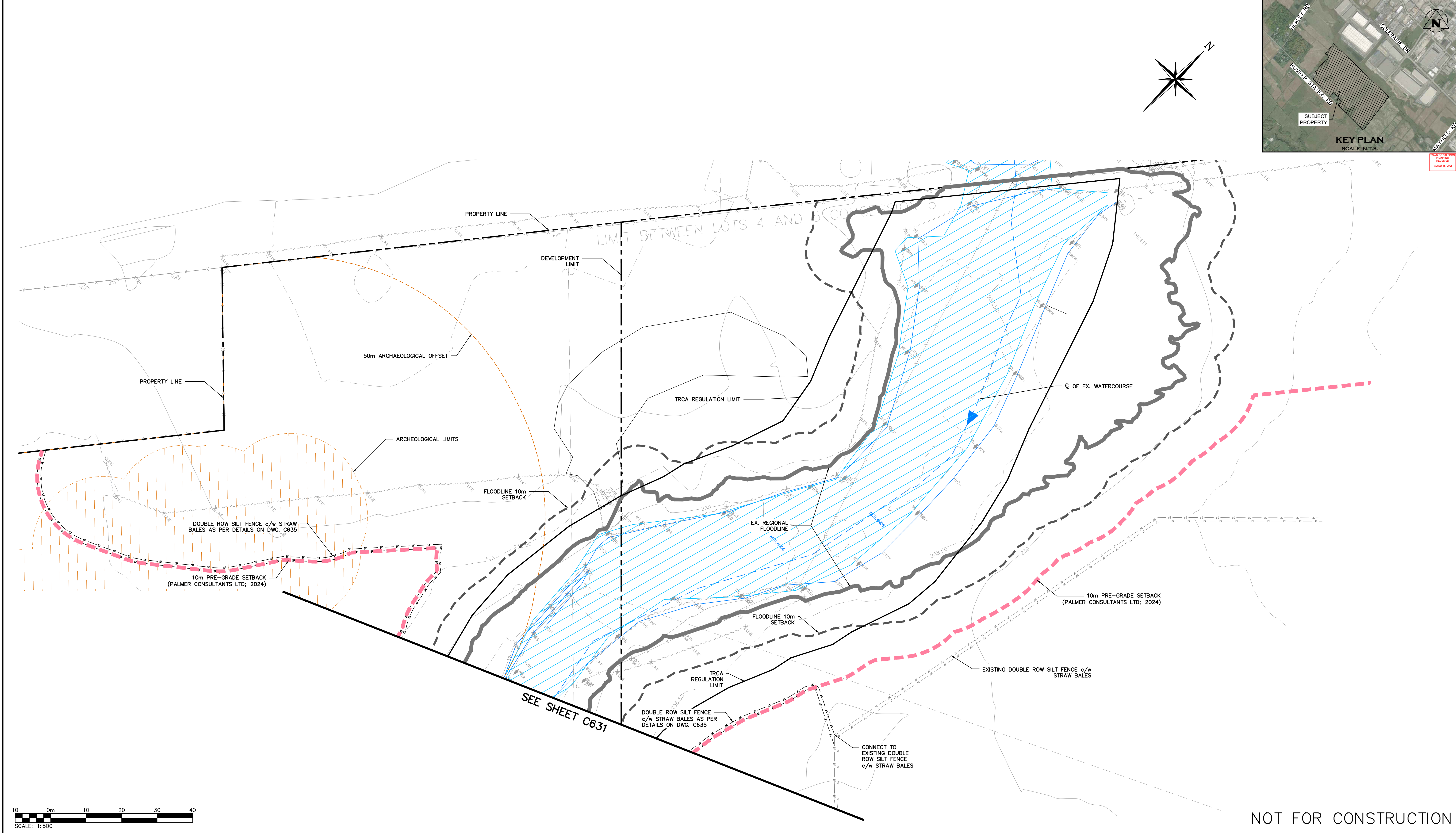
No.	ISSUE	DATE: MM/DD/YYYY
1	ISSUED FOR DRAFT PLAN OF SUBDIVISION	AUG/08/2025



Project: HUMBER STATION DISTRIBUTION CENTRE TOWN OF CALEDON  
Drawing: WETLAND RELOCATION AREA 2 GRADING PLAN

Drawn By: S.C./D.G./M.P.H.	Design By: J.B./D.G./K.D.	Project: 624-6777
Check By: M.I./J.F.	Check By: M.I./J.F.	Drawing: C629A

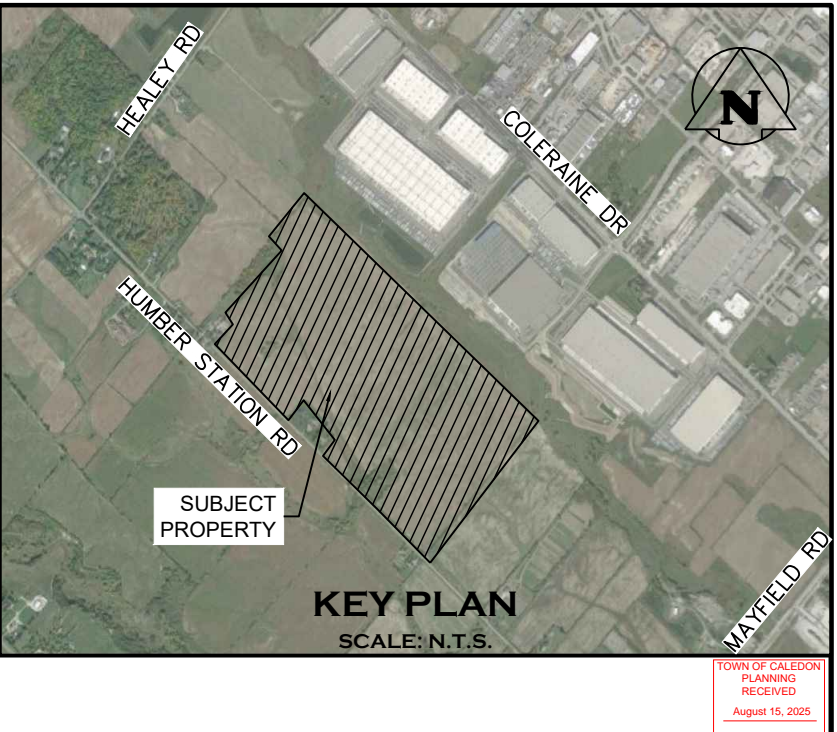
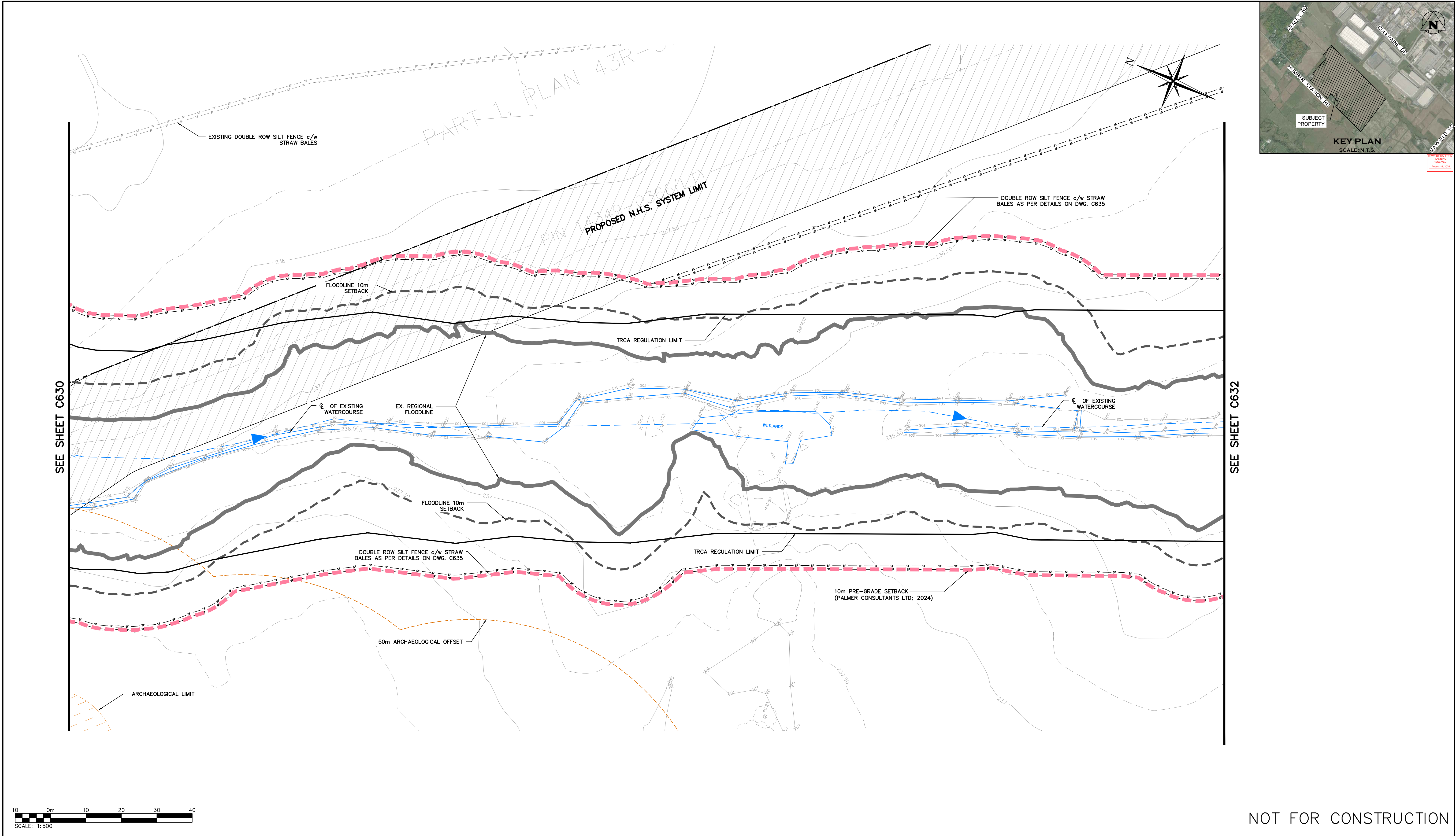




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TEMPORARY BENCHMARKS:

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Town

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			M. ISKANDER 100226629 Aug-08-2025 PROVINCE OF ONTARIO

Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Drawing

EROSION AND SEDIMENT CONTROL PLAN  
CHANNEL (2)

Drawn By

S.C./D.G./M.P.H.

Design By

J.B./D.G./K.D.

Project

624-6777

Check By

M.I./J.F.

Check By

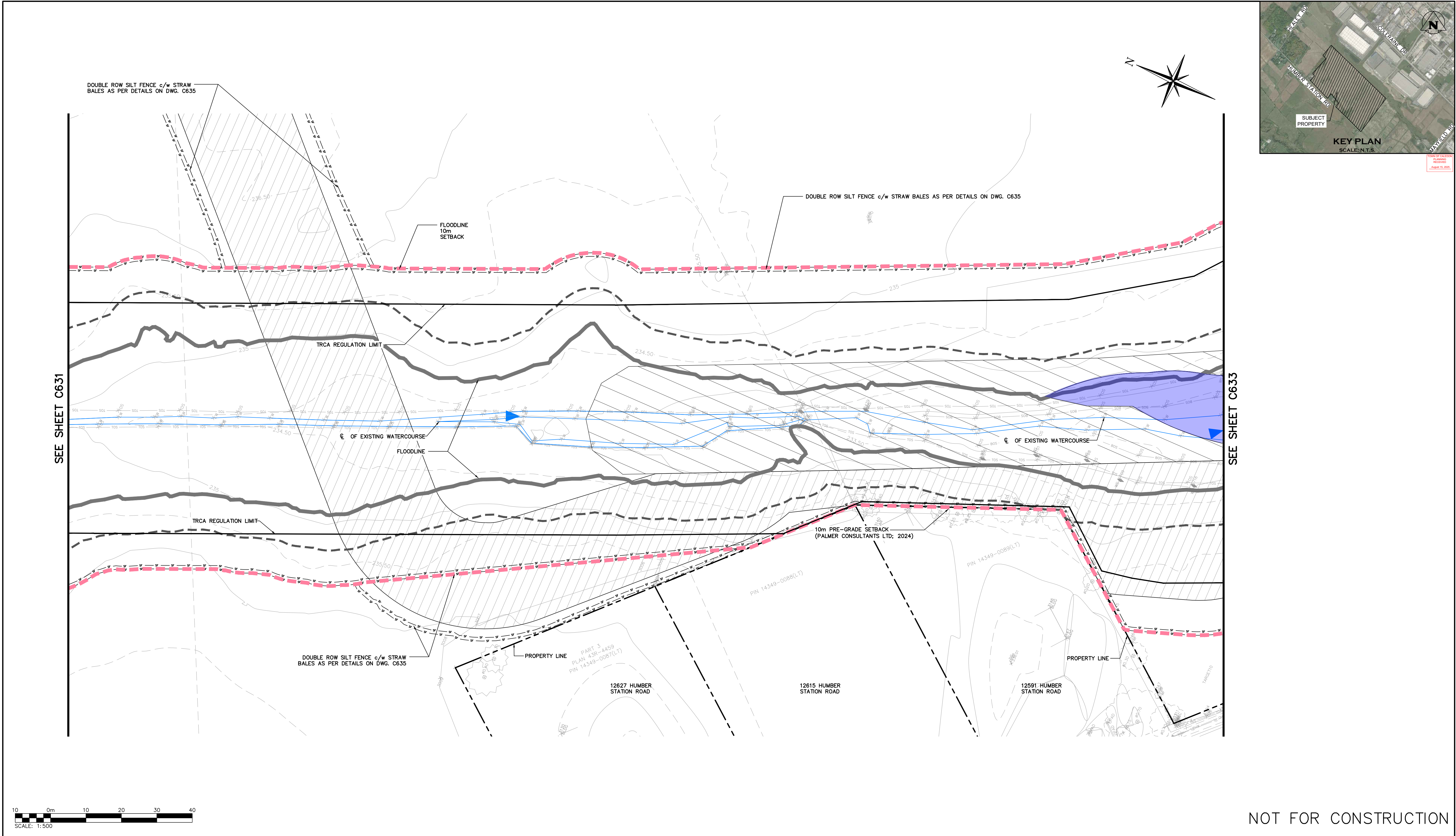
M.I./J.F.

Drawing

C631

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TOWN OF CALEDON

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EROSION AND SEDIMENT CONTROL PLAN  
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Drawn By

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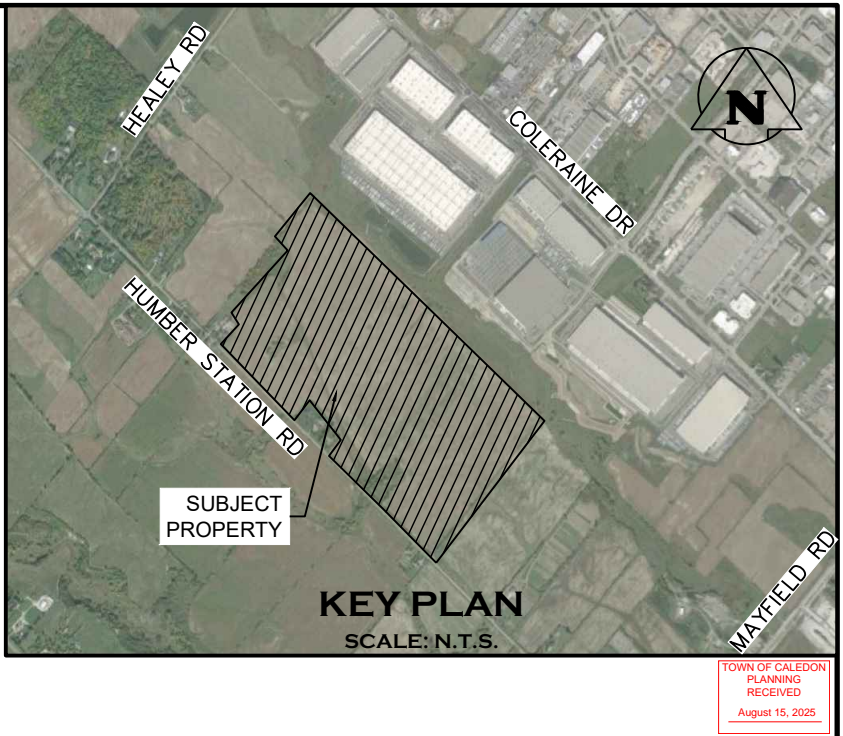
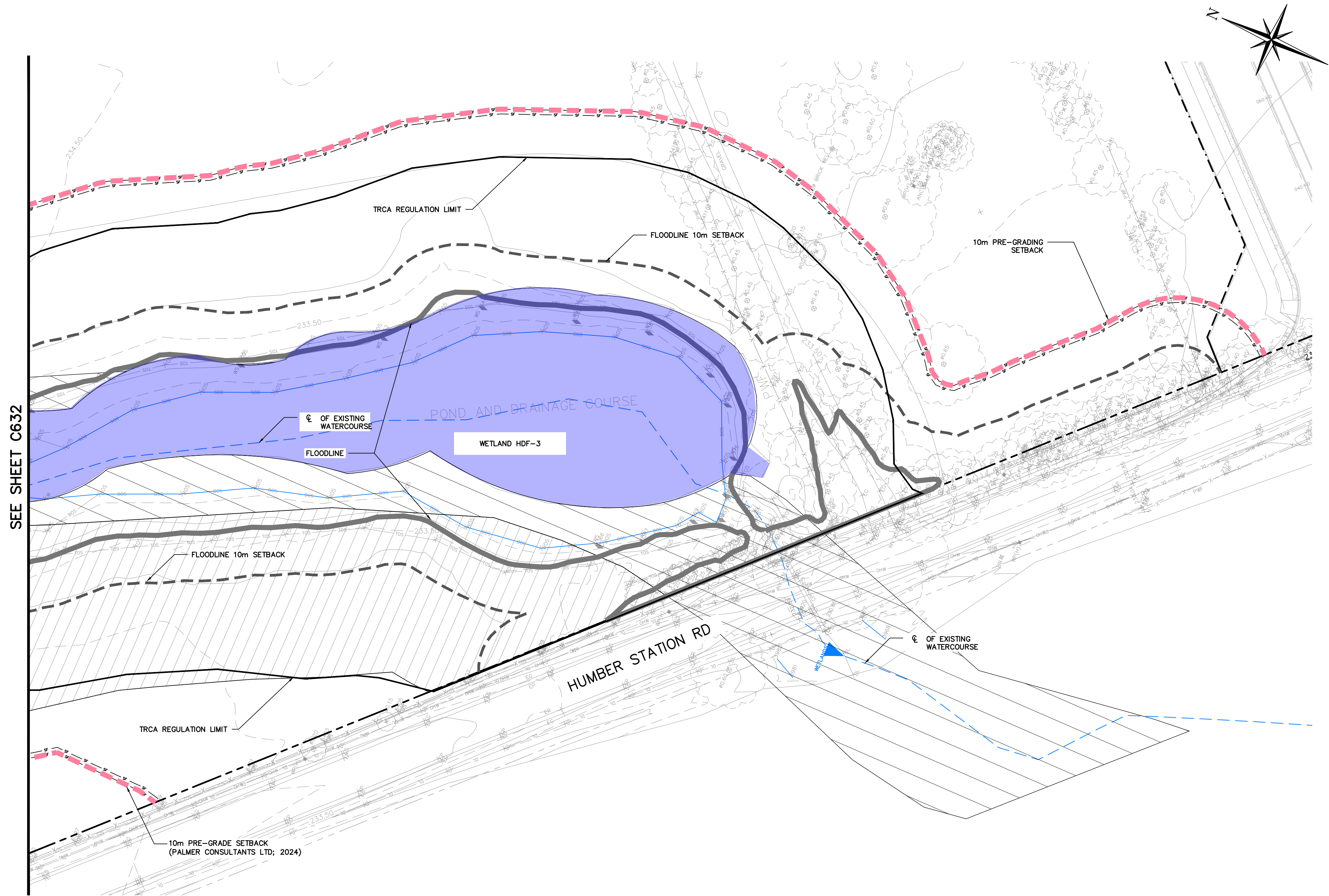
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Project

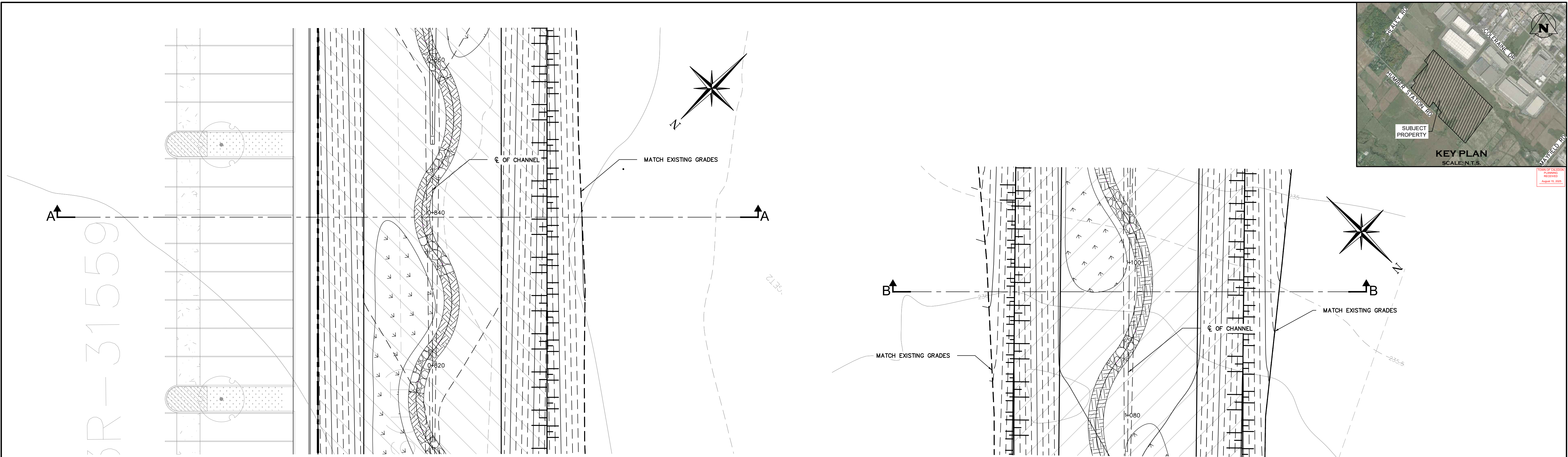
HUMBER STATION DISTRIBUTION CENTRE  
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EROSION AND SEDIMENT CONTROL PLAN  
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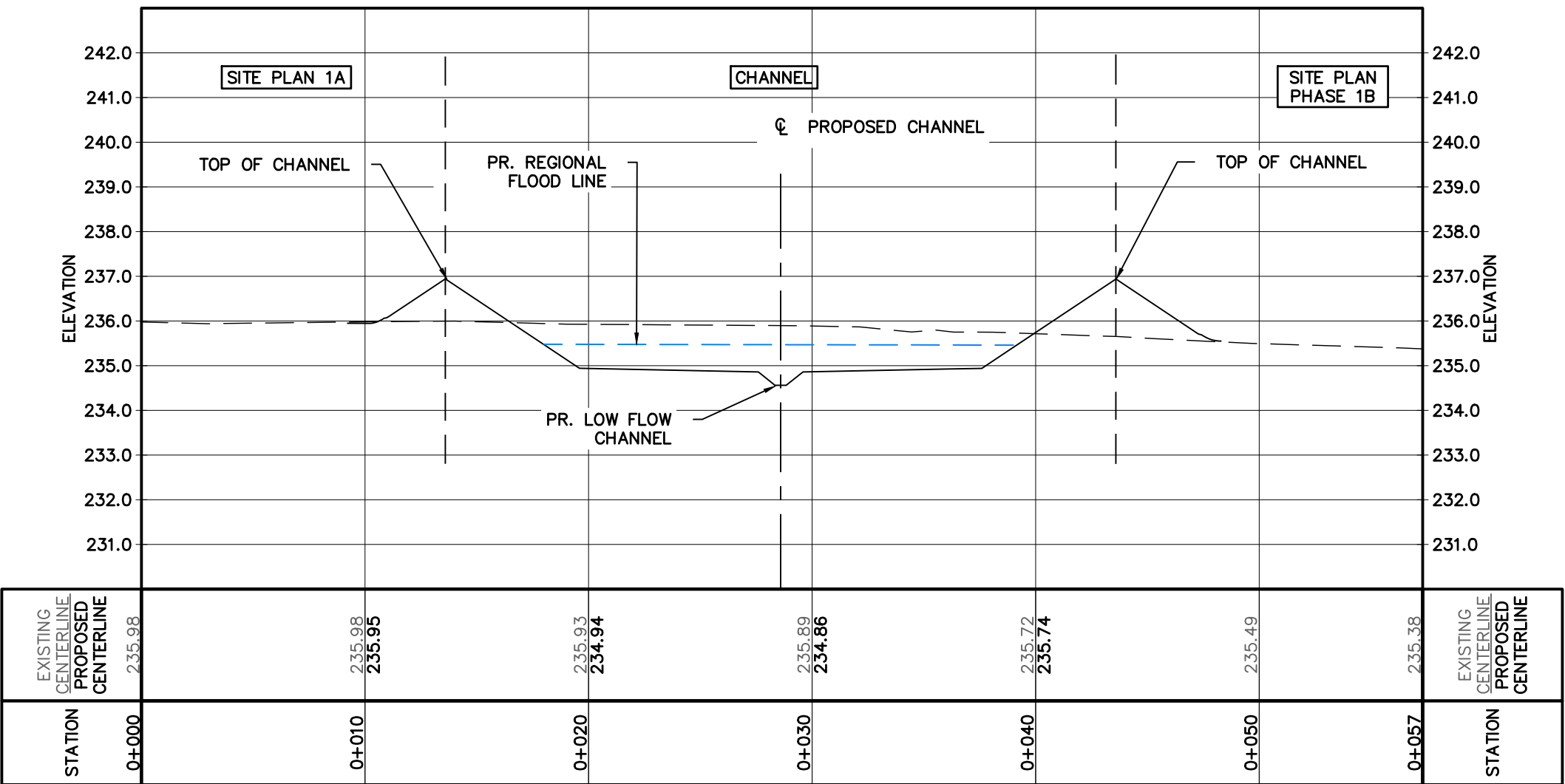
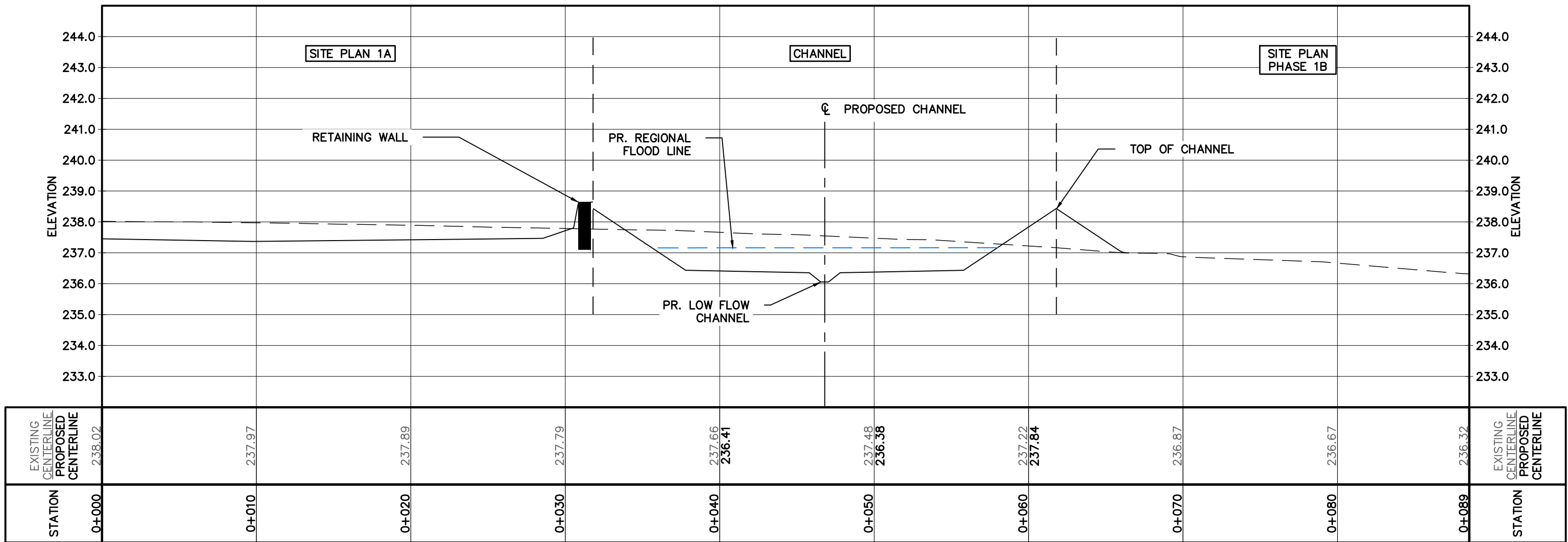
Drawn By S.C./D.G./M.P.H.	Design By J.B./D.G./K.D.	Project <b>624-6777</b>
Check By M.I./J.F.	Check By M.I./J.F.	Drawing <b>C633</b>





CROSS SECTION 0+840  
A-A

CROSS SECTION 1+100  
B-B



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Engineer

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Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Drawing

CHANNEL CROSS SECTION 0+840 AND 1+100

CROZIER  
CONSULTING ENGINEERS

Drawn By  
S.C./D.G./M.P.H.

Design By  
J.B./D.G./K.D.

Check By  
M.I./J.F.

Project  
624-6777

Drawing  
C634



REGION OF PEEL CONSTRUCTION NOTES:

1.0 GENERAL

- 1.1 THE APPLICANT, APPLICANT'S REPRESENTATIVE, CONSULTANT, CONTRACTOR AND SUB CONTRACTORS ARE RESPONSIBLE TO ENSURE THAT THEIR DESIGN MATERIALS AND CONSTRUCTION PRACTICES CONFORM TO THE LATEST REGION OF PEEL STANDARDS, SPECIFICATIONS, MATERIALS, AND DESIGN CRITERIA, POSTED ON REGION OF PEEL'S WEBSITE ([www.peelregion.ca/pdsstandards](http://www.peelregion.ca/pdsstandards)). IN THE ABSENCE OF REGION SPECIFICATIONS, THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS) SHALL APPLY.
- 1.2 ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT." THE GENERAL CONTRACTOR SHALL BE DEEMED THE CONSTRUCTOR AS DEFINED IN THE ACT. THE CONTRACTOR SHALL, AT THEIR EXPENSE, VERIFY THE LOCATION, DIMENSION, AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES IN THE FIELD. PRIOR TO EXCAVATION OR BORING, THE CONTRACTOR SHALL, AT THEIR EXPENSE, EXPOSE AND VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND SERVICES TO BE CROSSED, AND MUST NOTIFY THE DESIGN ENGINEER AND THE AGENCY FIELD INSPECTOR AND/OR PROJECT MANAGER IMMEDIATELY, IN WRITING, OF ANY CONFLICTS OR DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING THE EXISTING UTILITIES FAR ENOUGH IN ADVANCE OF CONSTRUCTION TO MAKE NECESSARY DESIGN MODIFICATIONS FOR REVIEW AND APPROVAL, IF REQUIRED, WITHOUT DELAYING THE WORK.
- 1.3 THE CONTRACTOR SHALL, AT THEIR EXPENSE AND TO THE SATISFACTION OF THE REGION OF PEEL, BE RESPONSIBLE FOR THE RESTORATION AND THE REPAIR OF THE EXISTING UTILITIES AND ALL AREAS BEYOND THE PLAN OF SUBDIVISION DISTURBED DURING CONSTRUCTION.
- 1.4 THE SUPPORT OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 1.5 ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.

TOWN OF CALEDON

2.0 GENERAL NOTES:

- 2.1 CONSTRUCTION FOR THIS PROJECT TO COMPLY WITH THE MOST CURRENT VERSION OF THE DEVELOPMENT STANDARDS, POLICIES AND GUIDELINES, PREPARED BY THE TOWN OF CALEDON INFRASTRUCTURE DEPARTMENT AND THE ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS.
- 2.2 ALL PROPOSED CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- 2.3 A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION WITHIN THE MUNICIPAL RIGHT OF WAY THE CONTRACTOR MUST CONTACT THE FOLLOWING:

1. THE TOWN OF CALEDON PUBLIC WORKS AND ENGINEERING DEPARTMENT (905-584-2272)
2. THE REGION OF PEEL
3. ENBRIDGE CONSUMERS
4. GAS HYDRO ONE
5. BELL CANADA
6. ROGERS CABLE
7. FIRE AND EMERGENCY SERVICES

- 2.4 ALL DRAINAGE TO BE SELF-CONTAINED AND DISCHARGED TO A LOCATION APPROVED BY THE PUBLIC WORKS AND ENGINEERING DEPARTMENT AND CONSERVATION AUTHORITY PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- 2.5 SEDIMENT CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ON THE SITE AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD TO THE SATISFACTION OF THE TOWN AND THE APPLICABLE CONSERVATION AUTHORITY.
- 2.7 ANY CHANGES TO GRADES OR SERVICING FROM THE ORIGINAL APPROVED SITE PLAN MUST BE SUBMITTED BY THE ENGINEER TO THE TOWN FOR APPROVAL PRIOR TO CONSTRUCTION.

3.0 TOWN OF CALEDON EROSION AND SEDIMENT CONTROL NOTES:

THE FOLLOWING STANDARD NOTES ARE TO APPEAR ON THE EROSION AND SEDIMENT CONTROL PLANS FOR SITE PLAN SUBMISSIONS:

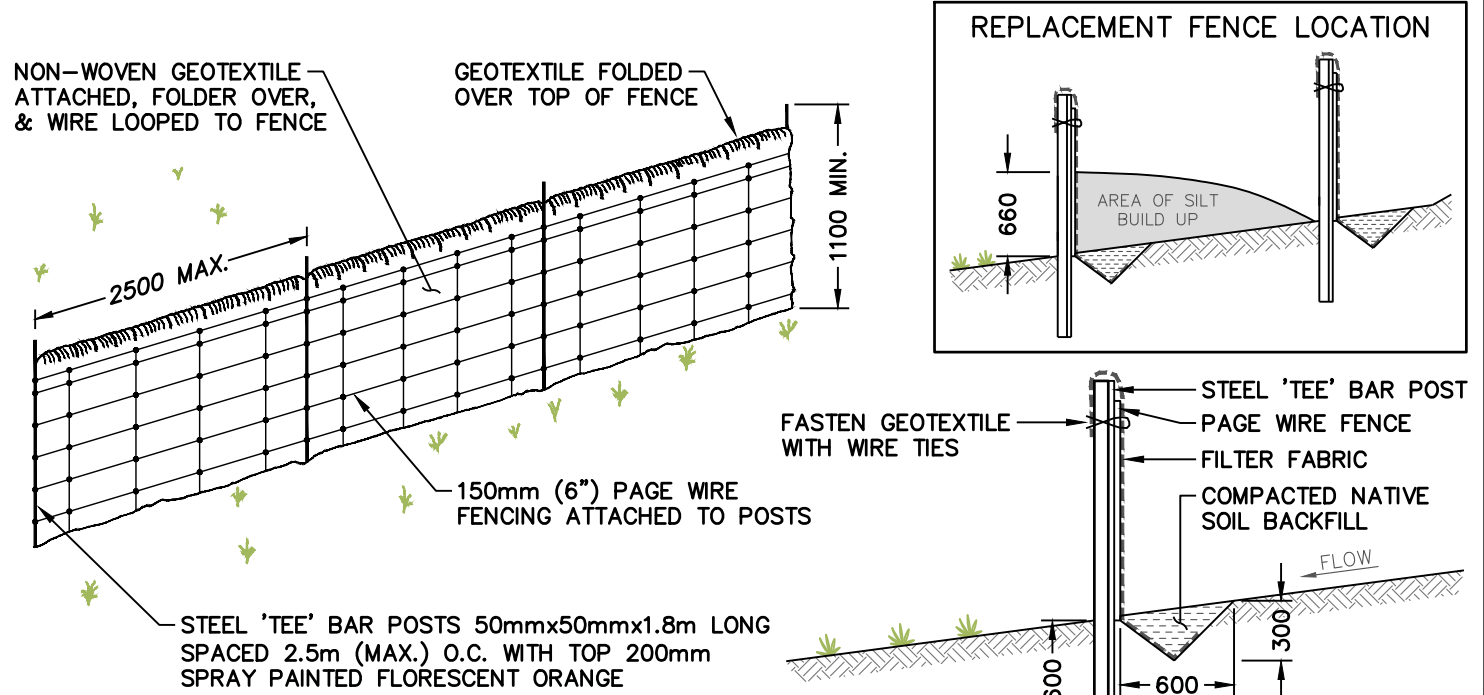
- 3.1 ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF WORKS ON SITE AND SHALL BE MAINTAINED DURING ALL CONSTRUCTION PHASES OF THE WORKS.
- 3.2 MANAGE CONSTRUCTION EROSION AND SEDIMENT CONTROL THROUGH DEVELOPMENT AND IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL (ESC) PLAN. THE ESC PLAN SHALL HAVE REGARD TO:
- CANADIAN STANDARDS ASSOCIATION (CSA) W202 EROSION AND SEDIMENT CONTROL INSPECTION AND MONITORING STANDARD (AS AMENDED); OR
  - EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION 2019 BY TRCA (AS AMENDED).
- 3.3 INSTALLATION AND MAINTENANCE OF THE ESC MEASURES SPECIFIED IN THE ESC PLAN SHALL HAVE REGARD TO CSA W208:20 EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE (AS AMENDED).
- 3.4 THE ESC STRATEGIES OUTLINED ON THIS PLAN ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASE OUTSIDE THE WORK AREA. THE TOWN IS TO BE ADVISED OF ANY CHANGES TO ESC MEASURES AND, AT THE DISCRETION OF THE TOWN, UPDATED PLANS MAY BE REQUIRED.
- 3.5 THE CONTRACTOR IS TO ASSIGN AN ENVIRONMENTAL MONITOR (EM) TO ASSURE CONSTRUCTION ACTIVITIES COMPLY WITH THE ENVIRONMENTAL PROVISIONS AND AGENCY PERMITS. THE EM WILL BE A QUALIFIED PERSON AS DETERMINED BY THE TOWN AND/OR CONSERVATION AUTHORITY. THE EM SHOULD SUBMIT INSPECTION FORMS ELECTRONICALLY TO THE TOWN AND CONSERVATION AUTHORITY UPON REQUEST.
- 3.6 THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ESC MEASURES IN WORKING CONDITION AT ALL TIMES TO THE SATISFACTION OF THE TOWN AND/OR CONSERVATION AUTHORITY. ALL DAMAGED ESC MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION.
- 3.7 THE CONTRACTOR SHALL ROUTINELY INSPECT ALL ESC DEVICES TO ENSURE PROPER WORKING ORDER. FREQUENCY OF INSPECTIONS OF ESC MEASURES IS AS FOLLOWS:
- ONCE PER WEEK DURING EARTHWORKS ACTIVITIES
  - ONCE EVERY TWO WEEKS DURING TIMES OF NO EARTHWORKS
  - PRIOR TO PREDICTED RAINFALL EVENTS OF 10 MM OR MORE OVER 12 HOURS
  - WITHIN 48 HOURS OF EVERY RAINFALL EVENT OF 10 MM OR MORE OVER 12 HOURS
  - PRIOR TO SIGNIFICANT SNOWMELT EVENTS
  - WITHIN 48 HOURS OF SIGNIFICANT SNOWMELT EVENTS
  - DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS
  - AFTER EXTREME WEATHER EVENTS (FOR EXAMPLE: WIND)
- 3.8 RECORD OF ESC INSPECTIONS SHALL BE ROUTINELY SUBMITTED TO THE TOWN AND INCLUDE AT MINIMUM: THE NAME OF THE INSPECTOR, DATE OF INSPECTION, VISUAL OBSERVATIONS, AND THE REMEDIAL MEASURES, IF ANY, UNDERTAKEN TO MAINTAIN THE TEMPORARY ESC MEASURES.
- 3.9 ALL CONSTRUCTION VEHICLES MUST ENTER AND EXIT THE SITE ONLY FROM THE APPROVED ACCESS ROUTE(S). CONSTRUCTION ACCESS WILL BE MAINTAINED TO THE SATISFACTION OF THE TOWN/REGION. STREET SWEEPING IS REQUIRED AS NEEDED.
- 3.10 NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL BE ALLOWED BEYOND THE SILT FENCE OR LIMITS OF THE SITE WORKS.
- 3.11 THE CONTRACTOR IS RESPONSIBLE TO IMPLEMENT DUST CONTROL MEASURES AND CONSTRUCTION BEST PRACTICE GUIDELINES AS APPROVED BY THE TOWN AND/OR CONSERVATION AUTHORITY.
- 3.12 ALL DISTURBED GROUND LEFT INACTIVE FOR 30 DAYS SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS. DISTURBED AREAS ARE TO BE HYDROSEEDDED (OR APPROVED EQUIVALENT) TO THE SATISFACTION OF THE TOWN.
- 3.13 ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SEDIMENT CONTROL FENCE. THE MAXIMUM SIDE SLOPE SHALL BE 2:1 (H:V). ONCE TOPSOIL STRIPPING IS COMPLETED THE STOCKPILE SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS, BY HYDROSEED, OR AN APPROVED EQUIVALENT, TO THE SATISFACTION OF THE TOWN.
- 3.14 THE CONTRACTOR SHALL TAKE CARE AND CONTROL SPILLS, FLUIDS AND MATERIALS DURING CONSTRUCTION TO MINIMIZE RISK TO THE ENVIRONMENT.

4.0 CONSTRUCTION NOTES

- 4.1 ALL BLOCK AND AREA GRADING MUST COMPLY WITH THE TOWN OF CALEDON STANDARDS UNLESS OTHERWISE NOTED.
- 4.2 ENGINEERED FILL TO BE PLACED IN 300mm THICK LIFTS AND MECHANICALLY COMPACTED TO 100% SPMD AS RECOMMENDED AND APPROVED BY GEOTECHNICAL ENGINEER.
- 4.3 ENGINEERED FILL PAD TO HAVE POSITIVE DRAINAGE AND SLOPE DOWN TO MATCH EXISTING GROUND.
- 4.4 COMPACTION RESULTS AND CERTIFICATION FROM GEOTECHNICAL ENGINEER REQUIRED FOR ALL ENGINEERED FILL.
- 4.5 GEOTECHNICAL ENGINEER SHALL ASSESS AND CONFIRM SUITABILITY OF EXISTING IN-SITU SOILS TO ACCEPT ENGINEERED FILL AND MEET SPECIFICATIONS.
- 4.6 THE LOCATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THESE DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE LOCATION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS WITH THE EXISTING UTILITIES.

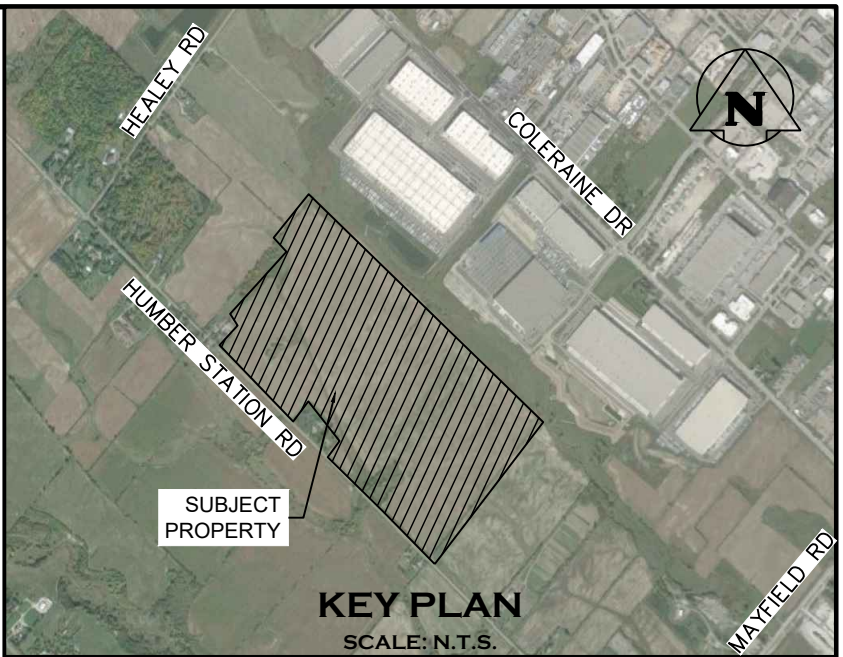
TYPICAL HEAVY DUTY SILT FENCE

SCALE: N.T.S.



NOTES:

1. DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. SILT CONTROL FENCE SHOULD BE ALIGNED WITH CONTOURS FOR SHEET OVERLAND FLOW.
3. SILT CONTROL FENCE IS TO BE LOCATED IN AREAS OF LOW SEDIMENT YIELD ON SLOPES THAT CONFORM TO MTO DRAINAGE MANUAL VOLUME 2 "CHART F4-3C TOPOGRAPHIC FACTOR IS BASED ON SLOPE LENGTH AND GRADIENT."
4. SILT CONTROL FENCE TO BE INSTALLED WITH FILTER MEDIA FABRIC TOED INTO THE SOIL A MIN. OF 300mm BY EITHER STATIC SLICING OR TRENCH METHODS WITH COMPACTION OF TRENCH MATERIAL MEETING 95% INSITU SOIL STRENGTH.
5. STEEL "TEE" BAR POSTS ARE TO BE SPACED MAX. 2.5m ON CENTER WITH A MIN. HEIGHT OF 1.1m.
6. FROZEN GROUND CONDITIONS REQUIRE FILTER FABRIC TO BE BACKFILLED IN TRENCH WITH CLEAR STONE.
7. GEOTEXTILE FABRIC TO BE COMPRISED OF NON-WOVEN U.V. STABILIZED MATERIAL. FABRIC TO BE FOLDED OVER TOP OF FENCE MIN. 300mm AND WIRE FASTENED.



TOWN OF CALEDON  
PLANNING  
RECORDS  
August 16, 2025

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Engineer



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HUMBER STATION DISTRIBUTION CENTRE  
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Drawing

EROSION & SEDIMENT CONTROL  
- CONSTRUCTION NOTES AND  
DETAILS

Drawn By  
S.C./D.G./M.P.H.

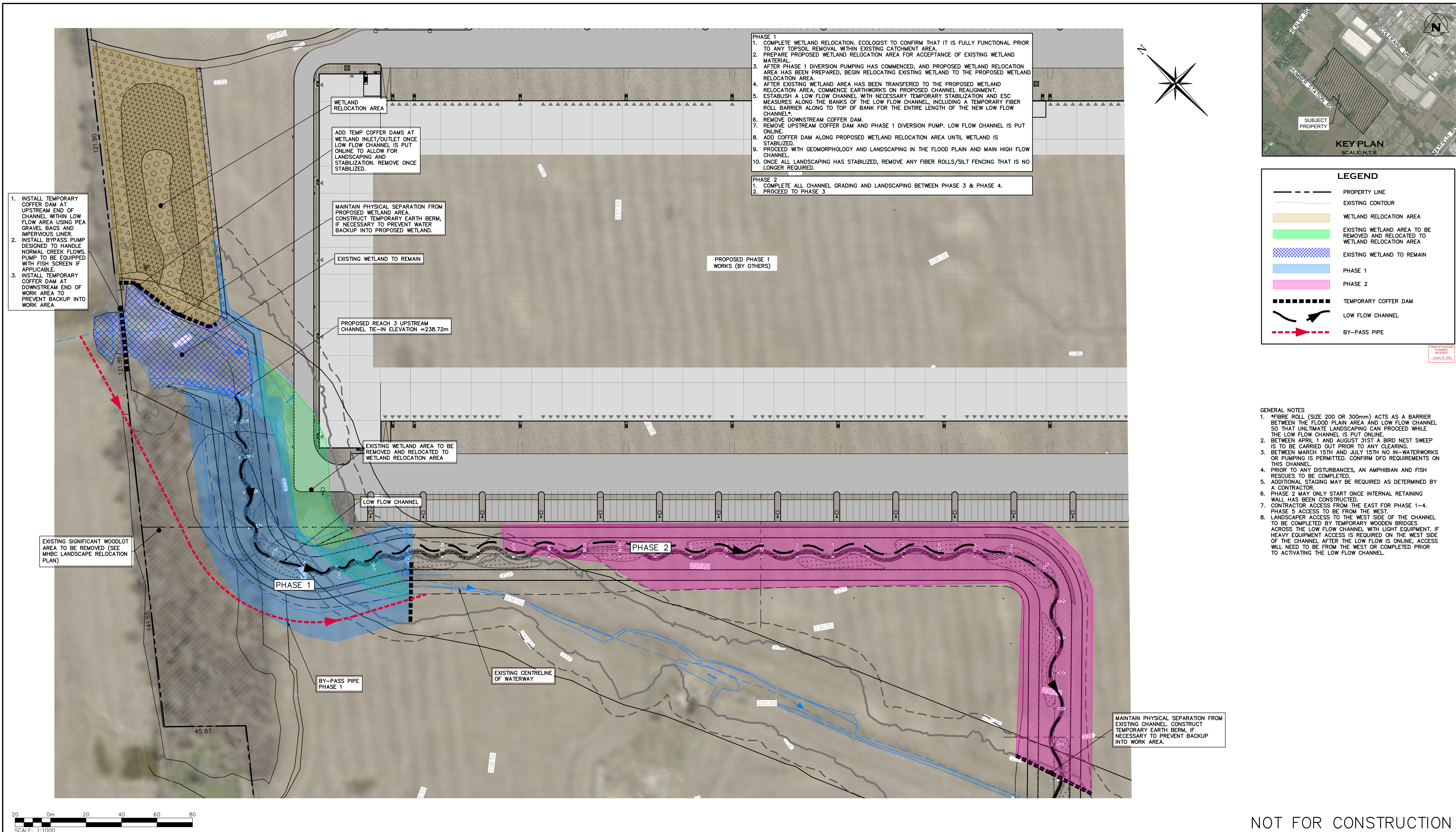
Design By  
J.B./D.G./K.D.

Check By  
M.I./J.F.

Project  
624-6777

Drawing  
C635





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TEMPORARY BENCHMARKS:

ELEVATION ARE REFERRED TO THE REGION OF PEEL BENCHMARK No. 40 LOCATED ON THE SOUTH FACE AT THE WEST CORNER OF SOUTH END OF A CONCRETE BOX CULVERT ACROSS MAYFIELD ROAD APPROXIMATELY 0.56 km EAST OF CLARKWAY DRIVE, HAVING AN ELEVATION OF 222.165 m. VERTICAL DATUM: CANADIAN GEODETIC DATUM, 1928 (1978 SOUTHERN ONTARIO READJUSTMENT)

Town

No.	ISSUE	DATE: MM/DD/YYYY	Engineer
1	ISSUED FOR DRAFT PLAN OF SUBDIVISION	AUG/08/2025	

LICENSED PROFESSIONAL ENGINEER

J. BILLY

100553247

Aug 8, 2025

624-8777

PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER

M. ISKANDER

100226829

Aug-08-2025

PROVINCE OF ONTARIO

Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Drawing

CHANNEL CONSTRUCTION PHASING 1 & 2

Drawn By

S.C./D.G./M.P.H.

Design By

J.B./D.G./K.D.

Project

624-6777

Check By

M.I./J.F.

Check By

M.I./J.F.

Drawing

C636

NOT FOR CONSTRUCTION

C

CROZIER

CONSULTING ENGINEERS

Drawn By

S.C./D.G./M.P.H.

Design By

J.B./D.G./K.D.

Project

624-6777

Check By

M.I./J.F.

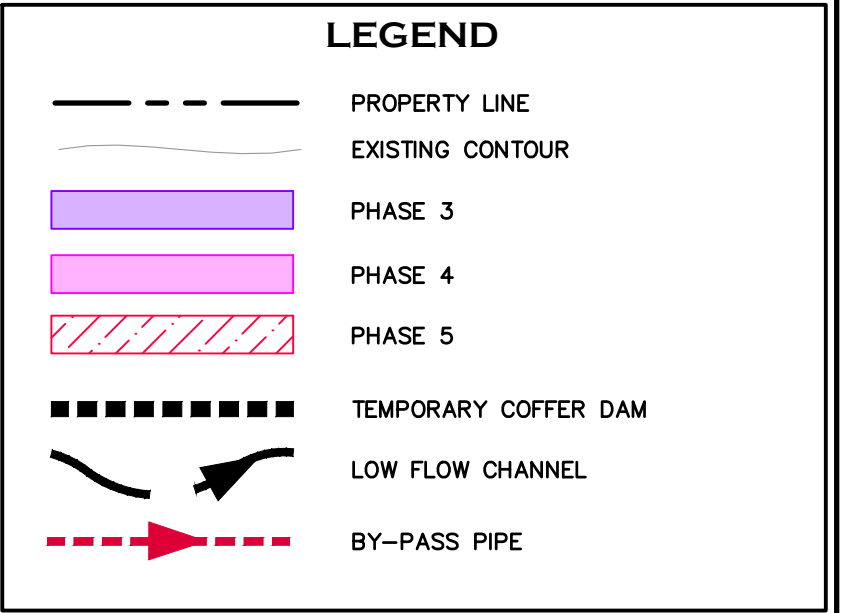
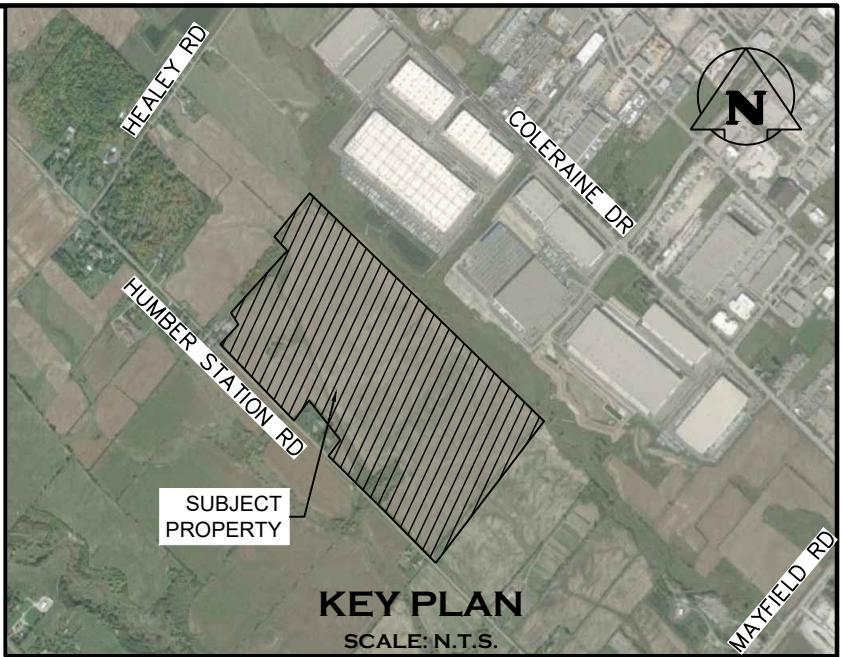
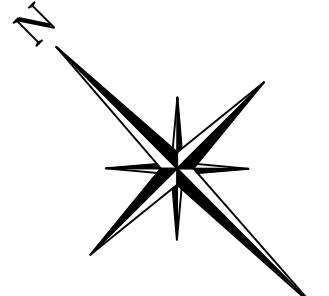
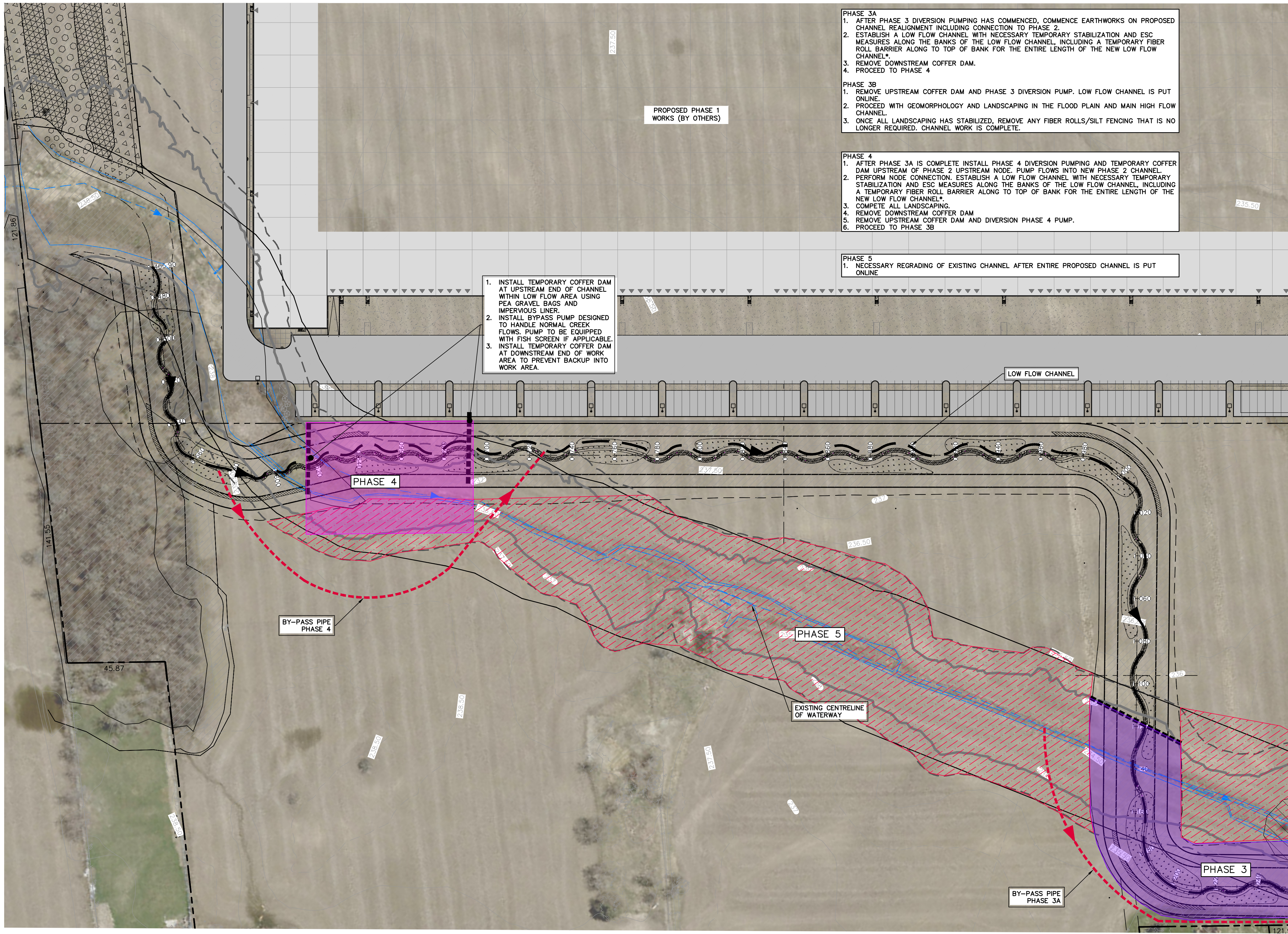
Check By

M.I./J.F.

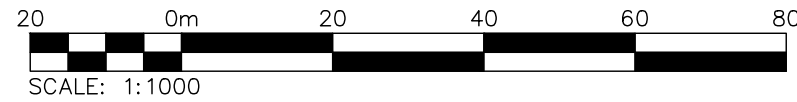
Drawing

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- GENERAL NOTES
- \*FIBRE ROLL (SIZE 200 OR 300mm) ACTS AS A BARRIER BETWEEN THE FLOOD PLAIN AREA AND LOW FLOW CHANNEL SO THAT ULTIMATE LANDSCAPING CAN PROCEED WHILE THE LOW FLOW CHANNEL IS PUT ONLINE.
  - BETWEEN APRIL 1 AND AUGUST 31ST A BIRD NEST SWEEP IS TO BE CARRIED OUT PRIOR TO ANY CLEARING.
  - BETWEEN MARCH 15TH AND JULY 15TH NO IN-WATERWORKS OR PUMPING IS PERMITTED. CONFIRM DFO REQUIREMENTS ON THIS CHANNEL.
  - PRIOR TO ANY DISTURBANCES, AN AMPHIBIAN AND FISH RESCUES TO BE COMPLETED.
  - ADDITIONAL STAGING MAY BE REQUIRED AS DETERMINED BY A CONTRACTOR.
  - PHASE 2 MAY ONLY START ONCE INTERNAL RETAINING WALL HAS BEEN CONSTRUCTED.
  - CONTRACTOR ACCESS FROM THE EAST FOR PHASE 1-4. PHASE 5 ACCESS TO BE FROM THE WEST.
  - LANDSCAPER ACCESS TO THE WEST SIDE OF THE CHANNEL TO BE COMPLETED BY TEMPORARY WOODEN BRIDGES ACROSS THE LOW FLOW CHANNEL WITH LIGHT EQUIPMENT. IF HEAVY EQUIPMENT ACCESS IS REQUIRED ON THE WEST SIDE OF THE CHANNEL AFTER THE LOW FLOW IS ONLINE, ACCESS WILL NEED TO BE FROM THE WEST OR COMPLETED PRIOR TO ACTIVATING THE LOW FLOW CHANNEL.



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Engineer



Engineer



Project

HUMBER STATION DISTRIBUTION CENTRE  
TOWN OF CALEDON

Channel Construction Phasing 3, 4 & 5

Drawn By: S.C./D.G./M.P.H. Design By: J.B./D.G./K.D. Project: 624-6777

Check By: M.I./J.F. Check By: M.I./J.F. Drawing: C637