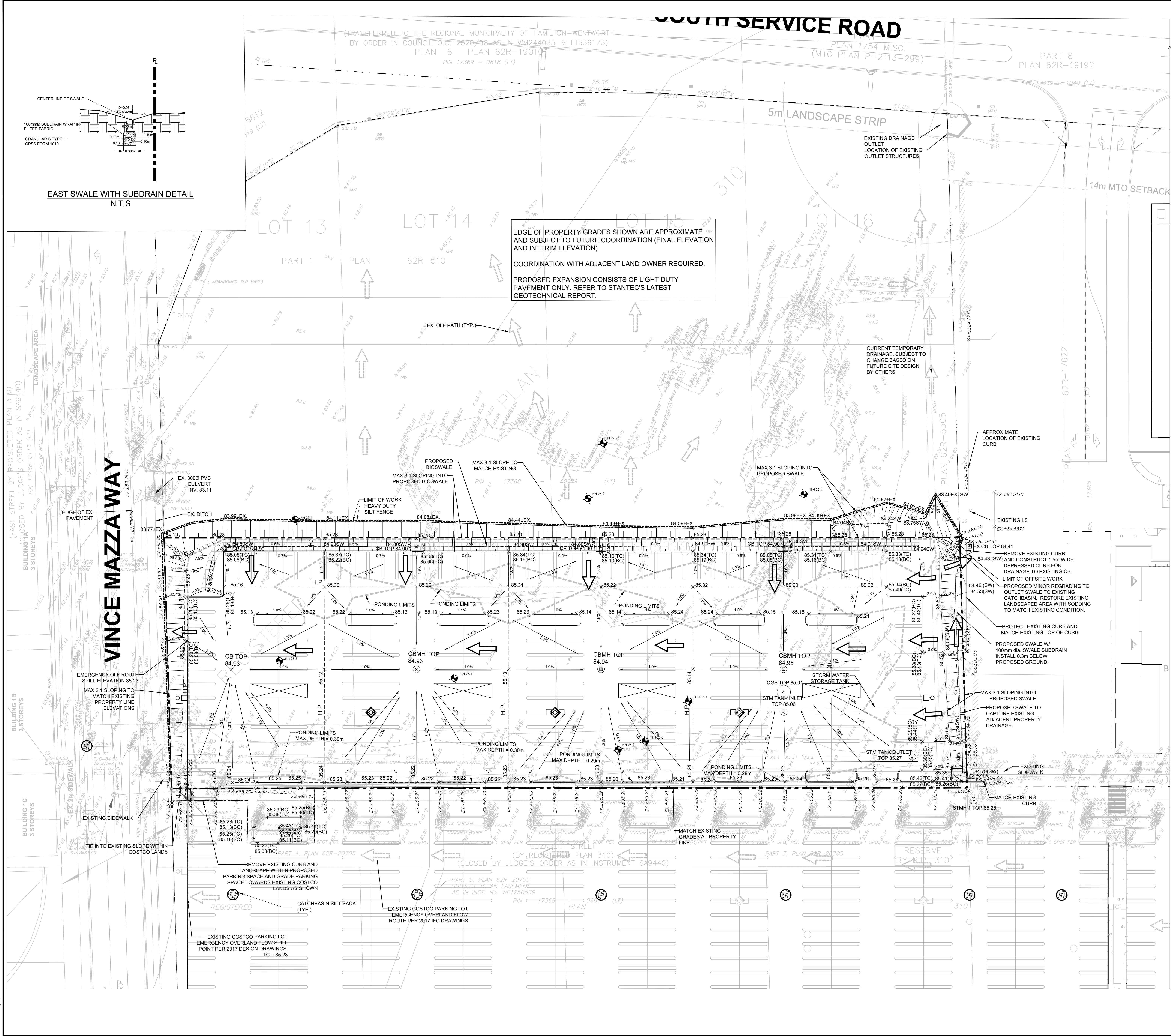
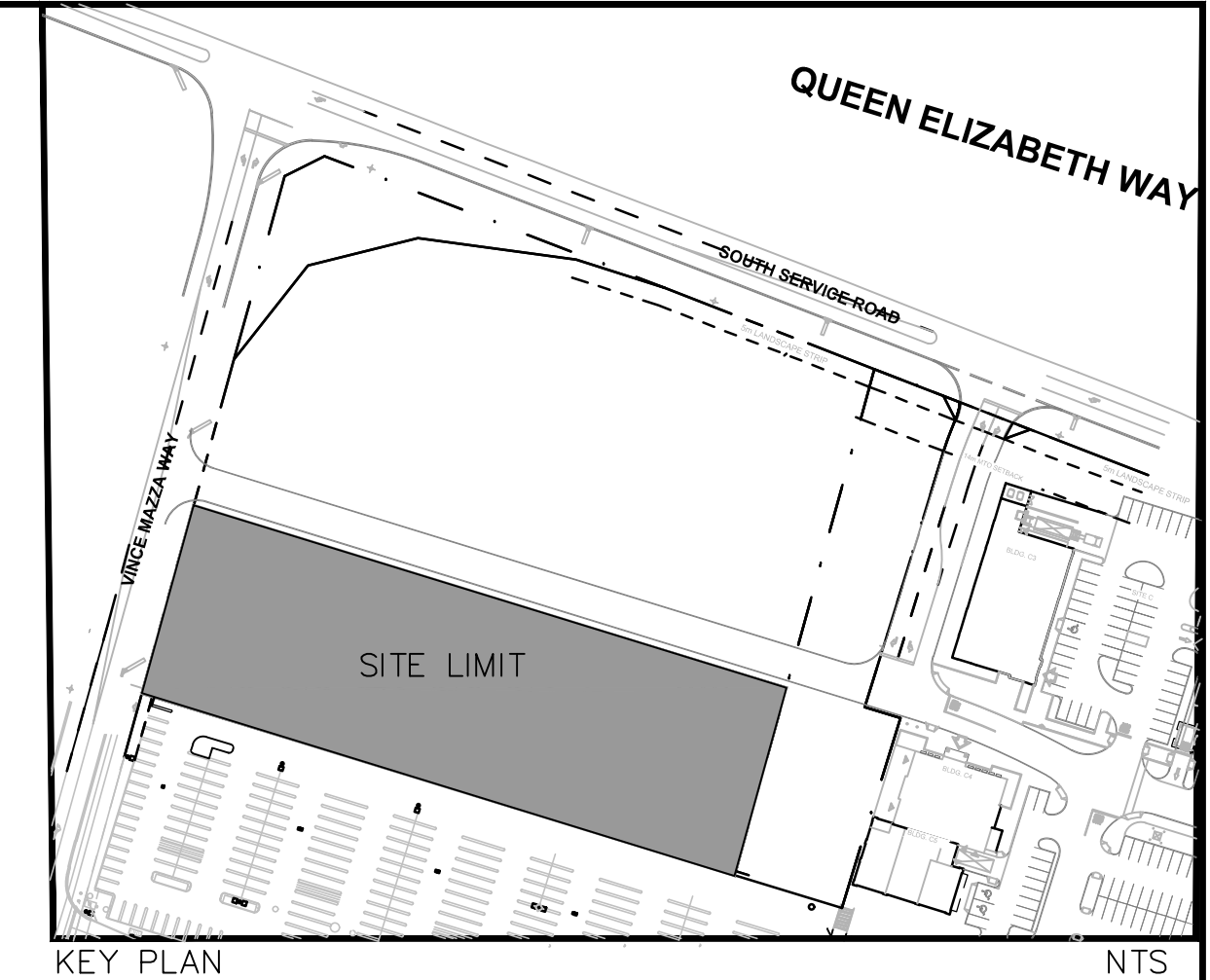




LEGEND

FFE	FINISHED FLOOR ELEVATION
---	COSTCO PROPERTY LINE
---	PROPOSED CURB
---	CART STORAGE
---	CONC. PAVING (FOR CONC. ADJACENT TO BUILDING. SEE ARCHITECTURAL DRAWINGS FOR DETAILS)
---	HEAVY DUTY ASPHALT
---	LIGHTPOLE (B.O. REFER TO ELEC. DRAWINGS)
---	TRAFFIC SIGN (SEE SP1 FOR DETAILS)
---	EXISTING CHAIN LINK FENCE
---	DIRECTION OF DRAINAGE
---	GAS VALVE
---	WATER VALVE
---	HYDRANT
---	CATCHBASIN/DOUBLE CATCHBASIN
---	STORM MANHOLE
---	SANITARY MANHOLE
---	OIL/GREASE SEPARATOR (B.O.)
---	EXISTING WATER VALVE
---	EXISTING CATCHBASIN
---	EXISTING MANHOLE
---	EMERGENCY OVERLAND FLOW
---	INSULATION
XXXXXX	PROPOSED GRADE
XXXXXX TC	PROPOSED TOP OF CURB GRADE
XXXXXX	PROPOSED GRADE BY OTHERS
XXXXXX TC	PROPOSED TOP OF CURB GRADE BY OTHERS
XX ± XXXXX	EXISTING GRADE
XX ± XXXXX TC	EXISTING TOP OF CURB GRADE
---	HIGHPOINT RIDGE
---	MAXIMUM PONDING LIMIT
---	GAS
---	PHONE
---	SUBDRAIN
---	LIMIT OF WORK
---	HEAVY DUTY SILT FENCE (OPSD 219.130)
---	PROPOSED CURB CUT
---	PROPOSED BIOSWALE STONE LAYER
---	PROPOSED SWALE
---	CATCHBASIN SILT SACK

2	ISSUED FOR 1st SITE PLAN APPLICATION	S.E.	2026-08-19	
1	ISSUE FOR PRICING	S.E.	2026-08-19	
No.	REVISIONS TO DRAWING	BY	DATE	APPR.

ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED

CLIENT: **COSTCO WHOLESALE**

MUNICIPALITY: **CITY OF HAMILTON**

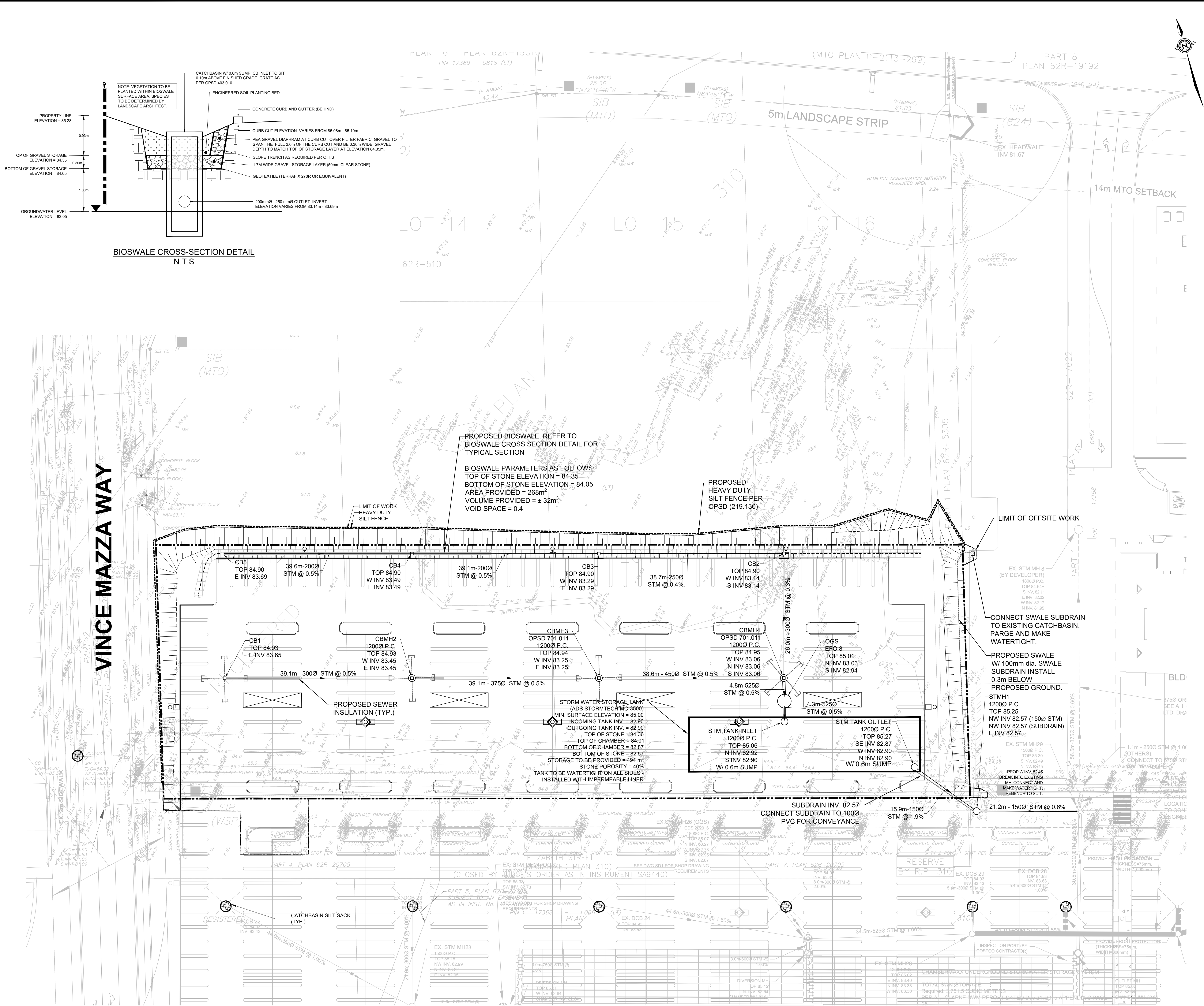
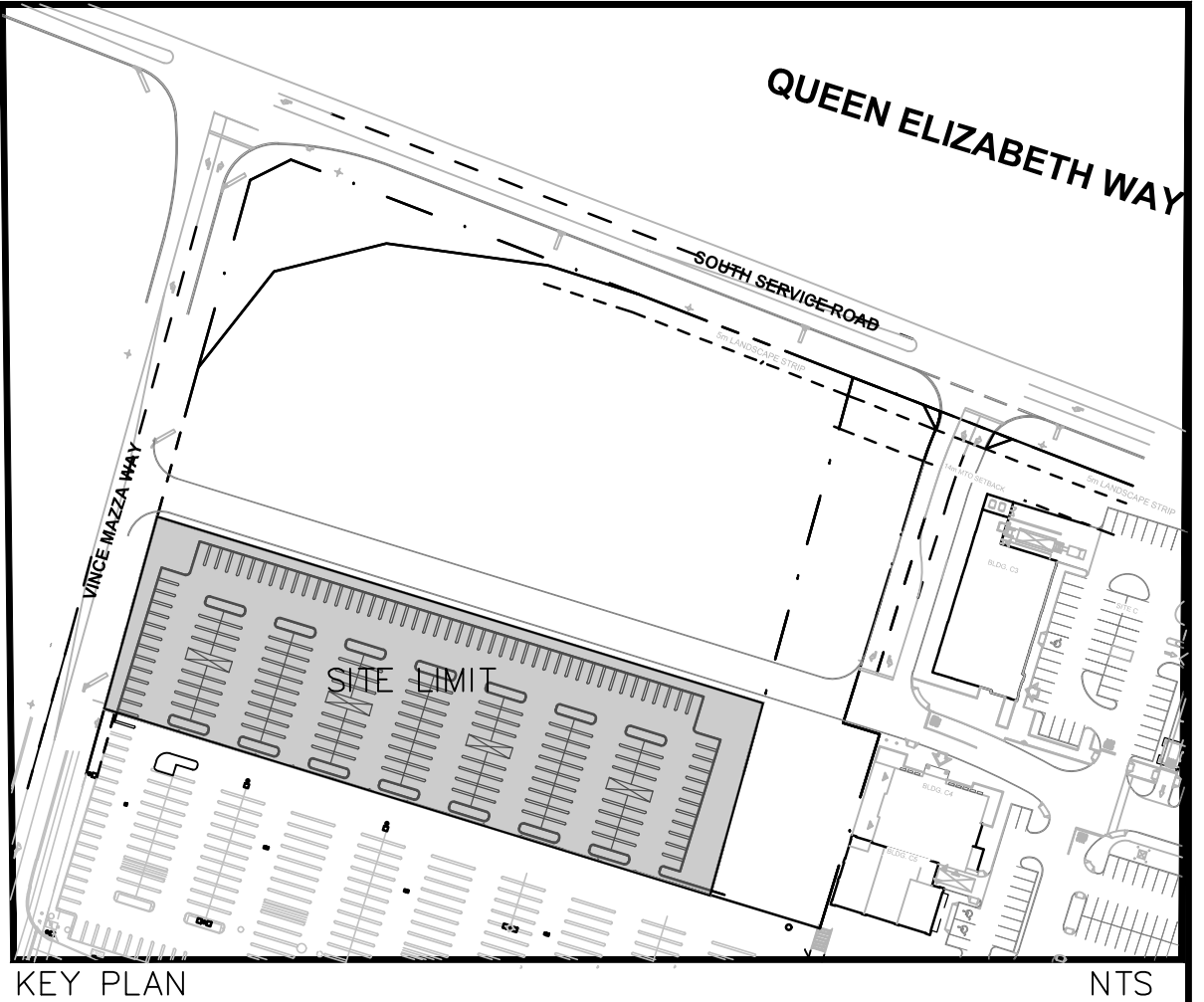
PROJECT TITLE: **COSTCO STONEY CREEK PARKING LOT EXPANSION (FORUM LANDS)**

SHEET TITLE: **SITE GRADING PLAN**

wsp

Licensed Professional Engineer
N. C. WONG
180145245
2026/08/19
PROVINCE OF ONTARIO

DESIGNED	DRAWN	CHECKED
ZB		NCW
SCALE	DATE	
1:300	AUGUST 2026	
PROJECT NUMBER	DWG. NUMBER	
CA0059190.9392	SG1	



- LEGEND**
- FFE FINISHED FLOOR ELEVATION
 - COSTCO PROPERTY LINE
 - PROPOSED CURB
 - CART STORAGE
 - CONC. PAVING (FOR CONC. ADJACENT TO BUILDING. SEE ARCHITECTURAL DRAWINGS FOR DETAILS)
 - HEAVY DUTY ASPHALT
 - LIGHTPOLE (B.O., REFER TO ELEC. DRAWINGS)
 - TRAFFIC SIGN (SEE SP1 FOR DETAILS)
 - EXISTING CHAIN LINK FENCE
 - DIRECTION OF DRAINAGE
 - GAS VALVE
 - WATER VALVE
 - HYDRANT (ARROW INDICATES DIRECTION PUMPER PORT IS TO FACE)
 - CATCHBASIN/DOUBLE CATCHBASIN
 - CATCHBASIN/DOUBLE CATCHBASIN MANHOLE
 - STORM MANHOLE
 - SANITARY MANHOLE
 - OIL/GREASE SEPARATOR (B.O.)
 - EXISTING WATER VALVE
 - EXISTING CATCHBASIN
 - EXISTING MANHOLE
 - EMERGENCY OVERLAND FLOW
 - INSULATION
 - XXXXXX PROPOSED GRADE
 - XXXXXX TC PROPOSED TOP OF CURB GRADE
 - XXXXXX TC PROPOSED GRADE BY OTHERS
 - XXXXXX TC PROPOSED TOP OF CURB GRADE BY OTHERS
 - XX ± XXXXX EXISTING GRADE
 - XX ± XXXXX TC EXISTING TOP OF CURB GRADE
 - HIGHPOINT RIDGE
 - MAXIMUM PONDING LIMIT
 - HYDRO
 - GAS
 - PHONE
 - SUBDRAIN
 - LIMIT OF WORK
 - HEAVY DUTY SILT FENCE (OPSD 219.130)
 - PROPOSED CURB CUT
 - PROPOSED BIOSWALE STONE LAYER
 - PROPOSED SWALE CATCHBASIN SILT SACK

2	ISSUED FOR 1st SITE PLAN APPLICATION	S.E.	2026-08-19	
1	ISSUE FOR PRICING	S.E.	2026-08-19	
No.	REVISIONS TO DRAWING	BY	DATE	APPR.
ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED				

CLIENT: **COSTCO WHOLESALE**

MUNICIPALITY: **CITY OF HAMILTON**

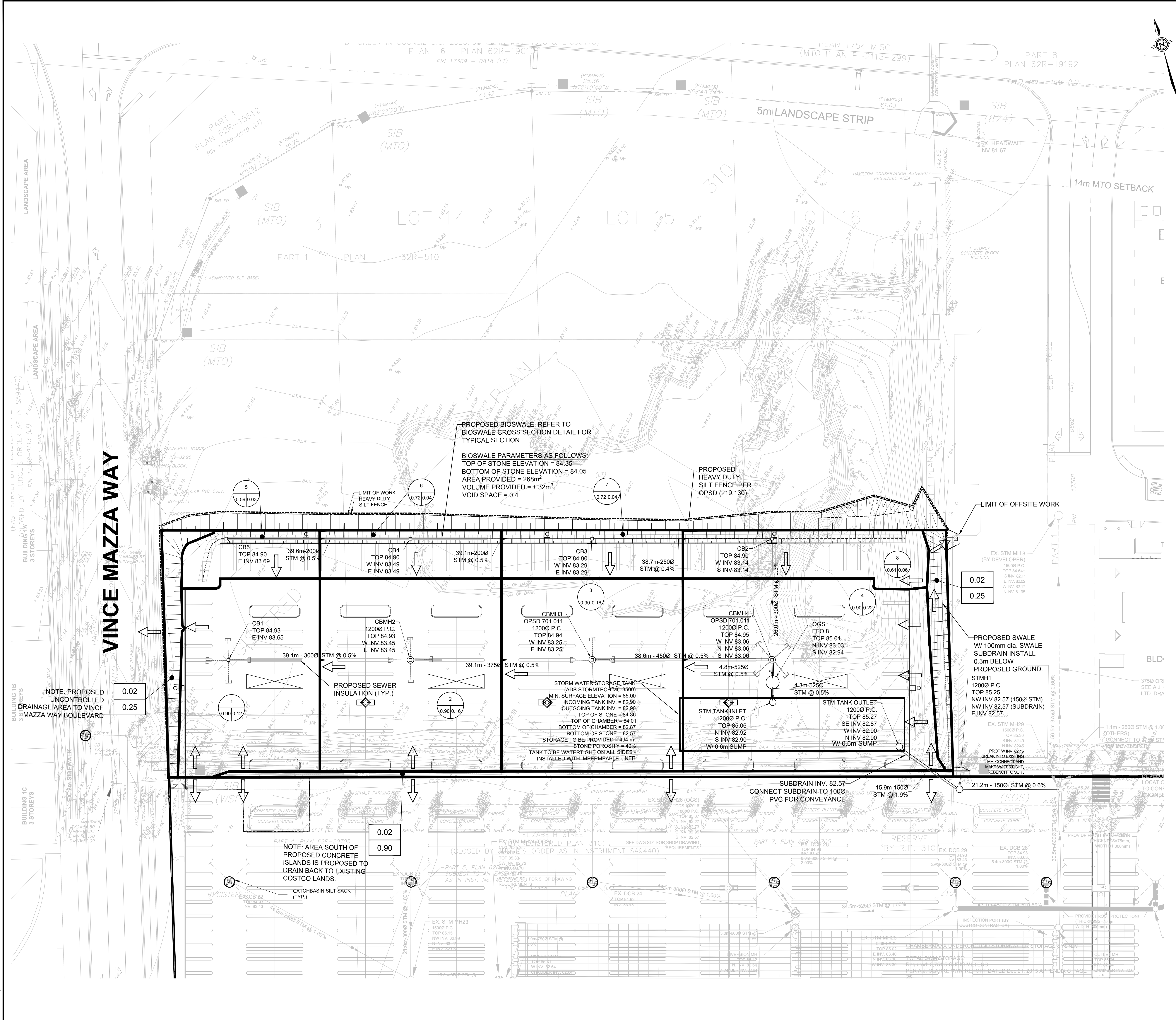
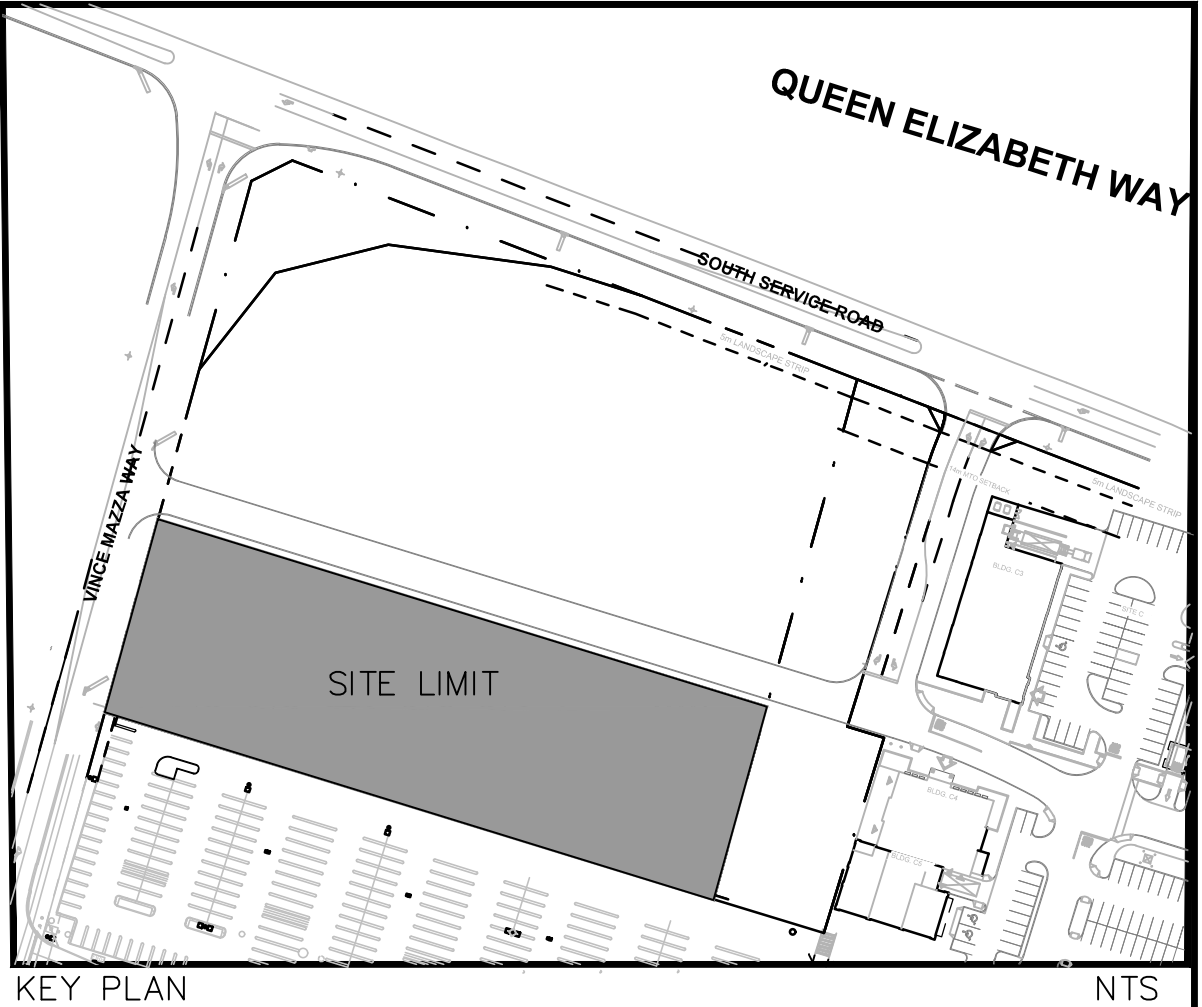
PROJECT TITLE: **COSTCO STONEY CREEK PARKING LOT EXPANSION (FORUM LANDS)**

SHEET TITLE: **SITE SERVICING PLAN**

wsp

LICENCED PROFESSIONAL ENGINEER
N. C. WONG
180145245
2026/08/19
PROVINCE OF ONTARIO

DESIGNED	ZB	DRAWN	NCW	CHECKED	NCW
SCALE	1:300	DATE	AUGUST 2026		
PROJECT NUMBER	CA005190.9392	DWG. NUMBER	SS1		



- LEGEND**
- COSTCO PROPERTY LINE
 - - - DRAINAGE DIVIDE
 - CATCHMENT ID
 - STORM DRAINAGE AREA (ha)
 - RUNOFF COEFFICIENT
 - 0.14 UNCONTROLLED STORM DRAINAGE AREA (ha)
 - 0.9 RUNOFF COEFFICIENT
 - ← DIRECTION OF OVERLAND FLOW
 - LIMIT OF WORK
 - - - HEAVY DUTY SILT FENCE (OPSD 219.130)
 - PROPOSED BIOSWALE
 - PROPOSED SWALE

2	ISSUED FOR 1st SITE PLAN APPLICATION	S.E.	2026-08-19	
1	ISSUE FOR PRICING	S.E.	2026-08-19	
No.	REVISIONS TO DRAWING	BY	DATE	APPR.
ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED				
CLIENT				
COSTCO WHOLESALE				
MUNICIPALITY				
CITY OF HAMILTON				
PROJECT TITLE				
COSTCO STONEY CREEK PARKING LOT EXPANSION (FORUM LANDS)				
SHEET TITLE				
STORM DRAINAGE PLAN				
wsp				
DESIGNED				
ZB				
DRAWN				
NCW				
CHECKED				
NCW				
SCALE				
1:300				
DATE				
AUGUST 2026				
PROJECT NUMBER				
CA0059190.9392				
DWG. NUMBER				
ST1				

THE FOLLOWING GENERAL NOTES ARE FOR EROSION AND SEDIMENT CONTROL WORKS ONLY. ALL NOTES AND GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS.

a. CONSTRUCTION SHALL CONFORM TO CURRENT LOCAL BY-LAWS, STANDARDS AND THE "ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS".

b. ALL UNITS SHOWN ARE IN METRIC.

c. THE POSITION OF EXISTING POLES, OVERHEAD LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND OR ABOVEGROUND UTILITIES, STRUCTURES AND SERVICES UNDETERMINED BY THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE POSITION OF SUCH UTILITIES ARE NOT GUARANTEED.

d. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY UTILITY STATEMENTS TO VERIFY THE LOCATION OF ANY HYDRO, BELL, CABLE TV OR GAS UTILITY LINES AND WHERE REQUIRED, PROVIDE ADEQUATE PROTECTION OF EXISTING UTILITY LINES AND PLANT. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL SATISFY HIMSELF OF THE EXACT LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES, AND ASSUME ALL LIABILITY RESULTING FROM DAMAGE TO THEM DURING THE COURSE OF CONSTRUCTION.

e. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE SURFACE DRAINAGE FOR THE DURATION OF THE CONSTRUCTION PERIOD. NO SURFACE DRAINAGE SHALL BE PERMITTED DIRECTLY ONTO ADJACENT LANDS INCLUDING EXISTING BLOOR STREET AND TRULLS ROAD.

f. FOR GEOTECHNICAL INFORMATION, INCLUDING BOREHOLE LOGS AND ENGINEERED-FILL SPECIFICATIONS, REFER TO GEOTECHNICAL REPORT.

g. CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL UTILITY LOCATIONS HAVE BEEN VERIFIED AND ALL PERMITS HAVE BEEN RECEIVED.

h. DUST CONTROL TO BE REVIEWED DAILY. WATER TRUCK TO BE PROVIDED ON-SITE AND ALL HAUL ROADS/WORKING AREAS TO BE SPRAYED WITH WATER AS REQUIRED TO ENSURE DUST IS CONTROLLED ON-SITE.

i. DURING COLD WEATHER MONTHS THE FOLLOWING MEASURES SHALL BE TAKEN:

- UTILIZE WIND FENCE AS REQUIRED
- UTILIZE CALCIUM TO MINIMIZE DUST
- PLACE TOPSOIL AND WINTER WHEAT SEED MIX ON EXPOSED AREAS

a. ALL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING THE SEDIMENTATION FENCING, AND OTHER EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY TOPSOIL STRIPPING OR EARTH MOVING.

b. CONTRACTOR SHALL BE RESPONSIBLE FOR REGULARLY INSPECTING AND MAINTAINING ALL EROSION AND SEDIMENT CONTROL DEVICES AND STRUCTURES IN GOOD WORKING ORDER AT ALL TIMES TO THE SATISFACTION OF THE MUNICIPALITY OF CLARINGTON. CONTRACTOR SHALL INSPECT SUCH DEVICES AT LEAST ONCE PER WEEK AND AFTER EACH RAINFALL EVENT OF 10MM OR GREATER, AND MAKE ALL NECESSARY REPAIRS AS REQUIRED.

c. ALL SEDIMENTS REMOVED FROM SEDIMENT TRAPS SHALL BE DISPOSED OFF-SITE IN LOCATIONS ACCEPTABLE TO AND IN ACCORDANCE WITH MUNICIPALITY REGULATIONS.

d. ALL ROADSIDE CATCHBASINS ARE TO HAVE SEDIMENT PROTECTION AS PER DETAIL INSTALLED IMMEDIATELY AFTER CATCHBASIN INSTALLATION. SEDIMENT PROTECTION BARRIER TO BE MAINTAINED ON A REGULAR BASIS OR THE SATISFACTION OF THE MUNICIPALITY.

a. ALL CONSTRUCTION VEHICLES TO ENTER AND LEAVE THE SITE AT APPROVED LOCATIONS SHOWN ON THE DRAWING.

b. MUD TRACKING CONTROL, CONSISTING OF FLUSHING AND SWEEPING, ARE TO BE PROVIDED IN ACCORDANCE WITH THE MUNICIPALITY'S MUD AND DUST CONTROL POLICY FOR ALL ROADS, AND THROUGHOUT ALL CONSTRUCTION PHASES.

c. THE CONTRACTOR WILL RESTRAIN ITS CONSTRUCTION ACTIVITIES WITHIN THE LIMITS OF EARTHWORKS AS SHOWN ON THE DRAWING. THE CONTRACTOR WILL RESTORE ALL DISTURBED AREAS OUTSIDE THE WORKING AREA TO ORIGINAL CONDITIONS AND TO THE SATISFACTION OF THE MUNICIPALITY.

a. CLEAR AND GRUB SITE PRIOR TO COMMENCING WORKS. STRIPPED TOPSOIL SHALL BE REMOVED OFF SITE OR STOCKPILED IN LOCATIONS DESIGNATED AND APPROVED BY THE GEOTECHNICAL CONSULTANT. ALL TOPSOIL AND ORGANIC MATERIAL CAPABLE OF PRODUCING METHANE SHALL BE STRIPPED FROM THE SITE AND REMOVED OR USED FOR LANDSCAPING PURPOSES AS APPROVED BY THE GEOTECHNICAL CONSULTANT.

b. ALL ENGINEERED FILL ARE TO BE GENERATED, PLACED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, AND, AS PER DIRECTION OF THE GEOTECHNICAL CONSULTANT.

ALL TREES OUTSIDE THE LIMIT TO BE PRESERVED TILL COMPLETION OF CONSTRUCTION ACTIVITIES AS REQUIRED BY THE MUNICIPALITY.

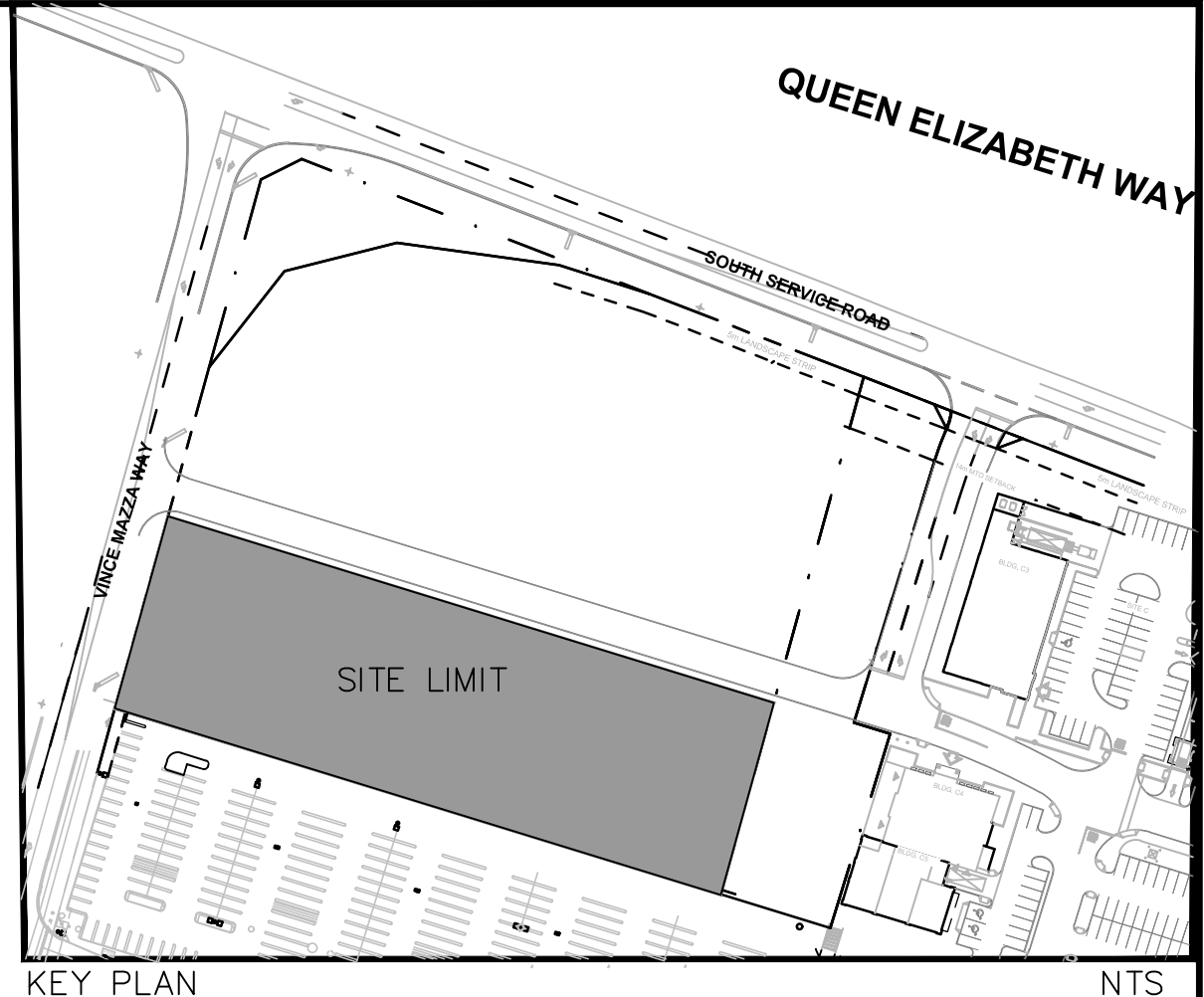
LOCATION OF SILT CONTROL FENCING SHOWN ON THIS DRAWING ARE FOR ILLUSTRATIVE PURPOSES ONLY AND SHOULD BE OFFSET BY 1.0M FROM TOE OF SLOPE AT BOUNDARIES DURING CONSTRUCTION.

GENERAL CONTRACTOR TO PROVIDE SEDIMENT CONTROL FENCING AS NECESSARY TO COMPLY WITH ALL NECESSARY REGULATIONS.

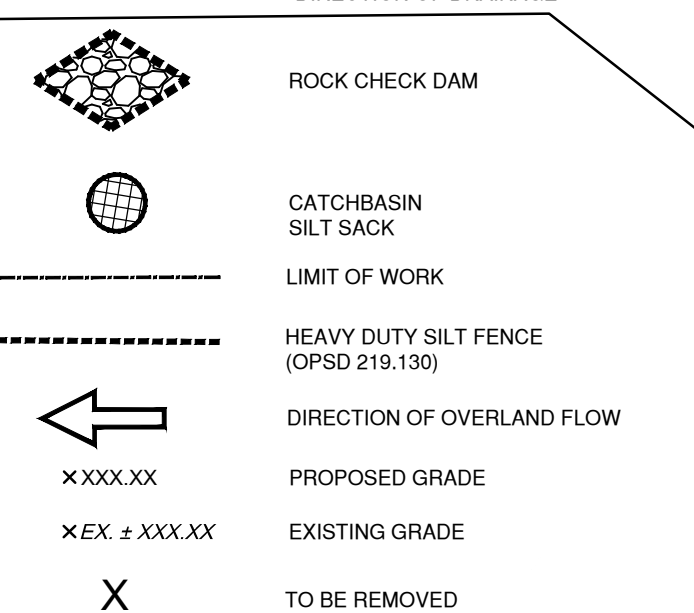
ESC MEASURES ON THIS PLAN ARE NON-STATIC AND MAY NEED TO BE AMENDED/UPGRADED BASED ON SITE CONDITIONS

CONSTRUCTION VEHICLES ARE TO ONLY ENTER THE SITE VIA THE MUD MAT LOCATED ON THE APPROVED ESC PLAN. DURING WET SITE CONDITIONS EXCESS MUD SHALL BE REMOVED FROM EQUIPMENT PRIOR TO LEAVING WORK AREA TO PREVENT MUD-TRACKING.

NEED TO CONFIRM WITH MUNICIPALITY IF DECOMMISSIONING WATERMAIN THROUGH PROPOSED PARKING LOT IS POSSIBLE



FFE	FINISHED FLOOR ELEVATION
---	COSTCO PROPERTY LINE
—	PROPOSED CURB
	CART STORAGE
	CONC. PAVING (FOR CONC. ADJACENT TO BUILDING, SEE ARCH/STRUCTURAL DRAWINGS FOR DETAILS)
	HEAVY DUTY ASPHALT
	LIGHTPOLE (B.O., REFER TO ELEC. DRAWINGS)
•	TRAFFIC SIGN (SEE SP1 FOR DETAILS)
— X — X —	EXISTING CHAIN LINK FENCE
	DIRECTION OF DRAINAGE



2	ISSUED FOR 1st SITE PLAN APPLICATION	S E.	2026-08-19			
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No.	REVISIONS TO DRAWING	BY	DATE	APPR.		
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CLIENT



CITY OF HAMILTON

PROJECT TITLE
COSTCO STONEY CREEK
PARKING LOT EXPANSION (FORUM LANDS)

SHEET TITLE

EROSION SEDIMENT CONTROL
AND REMOVALS PLAN



DESIGNED ZB	DRAWN	CHECKED NCW
SCALE 1:300 	DATE AUGUST 2026	
PROJECT NUMBER CA0059190.9392	DWG. NUMBER ESC1/RM1	