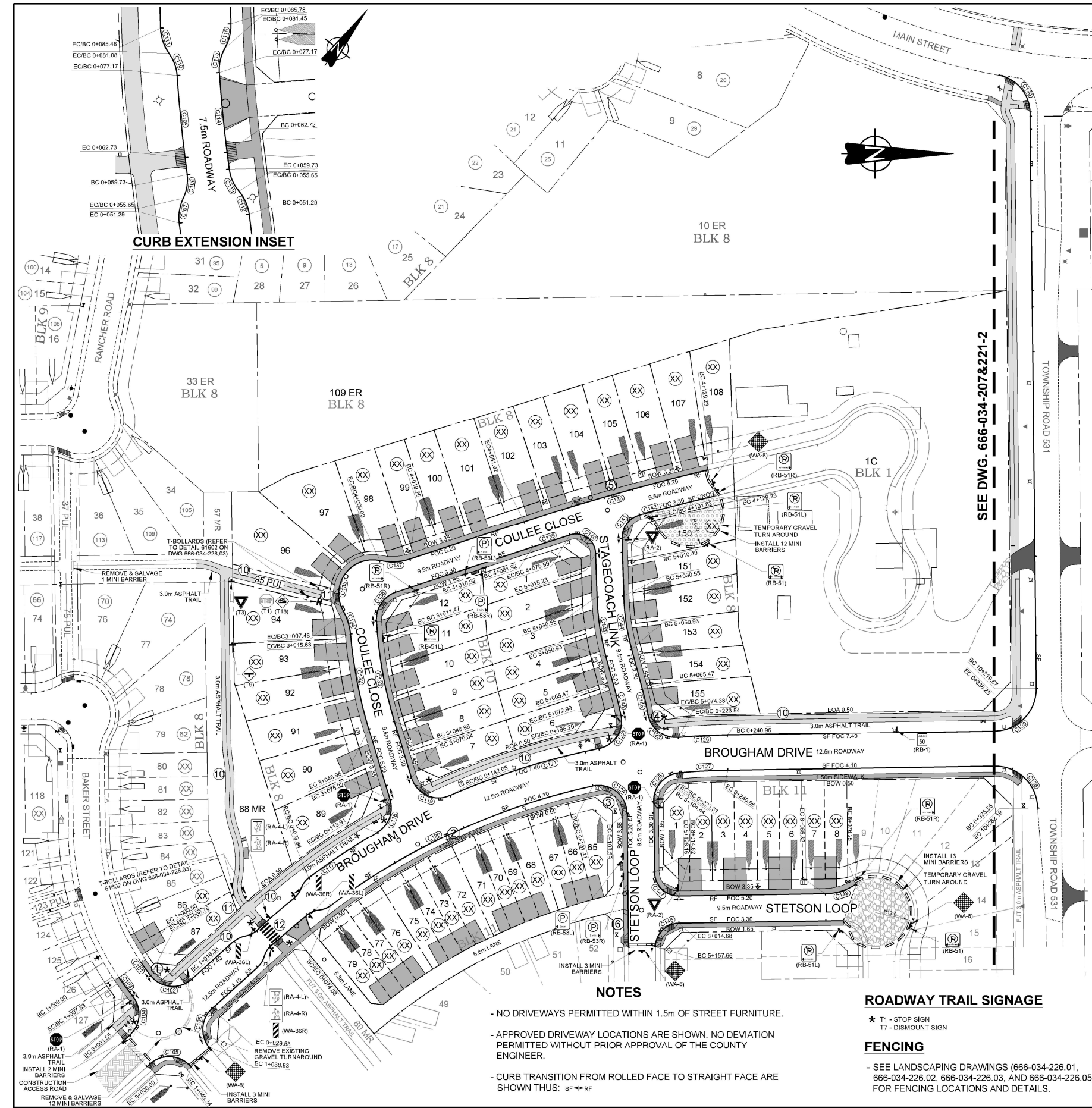




EXISTING	LEGEND	PROPOSED	FUTURE	EXISTING	PROPOSED	EXISTING	PROPOSED
	PROPERTY LINE				VALVE		
	RIGHT OF WAY LINE				MANHOLE		
	CURB AND GUTTER				CATCH BASIN		
	MONOLITHIC WALK				TRANSFORMER		
	ASPHALT TRAIL				LIGHT STANDARD		
	STREET ADDRESS				MAILBOX		
	STREET SIGNS				T-BOLLARDS		

EXISTING	PROPOSED
	DRIVEWAY LOCATION
	WATER, SANITARY & STORM SERVICE LOCATIONS

PERMIT TO PRACTICE
AL-TERRA ENGINEERING LTD

RM SIGNATURE:

DATE: 2024-Apr-27

PERMIT NUMBER: P002104
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

3.	2nd SUBMISSION FOR COUNTY APPROVAL	APR 24/24	NAS
2.	REVISED PER 1st SUBMISSION COMMENTS	MAR 29/24	NAS
1.	1st SUBMISSION FOR COUNTY/CLIENT REVIEW	FEB 02/24	NAS
NO.	REVISION	DATE	BY

AI-Terra

ROAD OVERALL, STREET FURNITURE & ADDRESSING PLAN

DESIGN:	NAS	CHECKED:	NAS	JOB NO:	666-034
DRAWN BY:	DMIL	APPROVED:	KBA	DRAWING NO.	
SCALE:	1:750	DATE:	JANUARY 2024		666-034-207&221.01

ARDROSSAN STAGE 10B
BY
ARDROSSAN EAST LTD.
IN
STRATHCONA COUNTY

CURVE TABLE - FOC					
#	L (m)	R (m)	Δ	Start Point	End Point
C101	5.752	84.30	3°54'34"	N 593586.611 [E 57511.570]	N 593586.198 [E 57516.217]
C102	16.401	10.00	83°58'20"	N 593586.198 [E 57516.217]	N 593586.667 [E 57517.465]
C103	8.250	83.80	5°02'22"	N 593586.667 [E 57516.217]	N 593586.670 [E 57523.517]
C104	15.212	10.00	87°30'28"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C105	16.186	10.00	92°43'52"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C106	15.231	10.00	87°16'08"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C107	4.607	8.00	32°59'45"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C108	4.319	7.50	32°59'45"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C109	14.660	252.10	3°10'55"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C110	4.196	7.50	32°03'09"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C111	4.742	8.00	33°57'50"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C112	4.807	8.00	32°59'45"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C113	4.319	7.50	32°58'30"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C114	14.224	244.60	3°10'54"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C115	4.451	7.50	34°00'08"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C116	4.470	8.00	32°00'58"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C117	28.196	254.60	8°33'48"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C118	13.371	10.00	76°36'47"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C119	16.911	10.00	86°53'39"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C120	102.672	242.10	24°22'11"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C121	55.513	254.60	12°29'34"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C122	15.683	10.00	86°51'33"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C123	14.742	10.00	84°28'07"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C124	17.748	10.00	101°41'10"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]
C125	14.953	10.00	85°40'22"	N 593586.670 [E 57523.517]	N 593586.670 [E 57523.517]

SIGNAGE TABLE OF MATERIALS

ITEM	TYPE	NUMBER
	RA-1 STOP	8
	RA-1-T 4-WAY STOP TAB	4
	RA-2 YIELD	2
	RA-4-L PEDESTRIAN CROSSWALK (LEFT)	2
	RA-4-R PEDESTRIAN CROSSWALK (RIGHT)	2
	RB-1-40 MAXIMUM SPEED - 40km/hr	2
	RB-1-50 MAXIMUM SPEED - 50km/hr	1
	RB-1-60 MAXIMUM SPEED - 60km/hr	1
	RB-51 PARKING PROHIBITED	2
	RB-51L PARKING PROHIBITED (LEFT)	2
	RB-51R PARKING PROHIBITED (RIGHT)	2
	RB-201 ROAD BARRIER	1
	WA-8 CHECKERBOARD - DEAD END	4
	WA-23 ROAD NARROWS	1
	WA-23-L ROAD NARROWS LEFT	1
	WA-36-L HAZARD MARKER - OBJECT ON LEFT	2
	WA-36-R HAZARD MARKER - OBJECT ON RIGHT	2
	T1 TRAIL - STOP	13
	T3 TRAIL - YIELD	1
	T6 TRAIL - SHARED TRAIL	1
	T7 TRAIL - DISMOUNT	12
	T9 TRAIL - T-INTERSECTION	1
	T18 TRAIL - STEEP HILL	1

ROADWAY STRUCTURES

MAJOR COLLECTOR ROADWAY (TOWNSHIP ROAD 531 & BROUGHAM DRIVE)	
40mm 10mm-HT ASPHALT AT FAC	
40mm 10mm-HT ASPHALT	
75mm 20mm-B ASPHALT	
250mm 20mm GRANULAR BASE COURSE	
150mm SUBGRADE PREP WITH 10kg/m ² OF CEMENT STABILIZATION	
LOCAL ROADWAY (COULEE CLOSE, STAGECOACH LINK, & STETSON LOOP)	
40mm 10mm-LT ASPHALT AT FAC	
75mm 10mm-LT ASPHALT	
200mm 20mm GRANULAR BASE COURSE	
150mm SUBGRADE PREP WITH 10kg/m ² OF CEMENT STABILIZATION	
LANE	
40mm 10mm-LT ASPHALT AT FAC	
75mm 10mm-LT ASPHALT	
200mm 20mm GRANULAR BASE COURSE	
150mm SUBGRADE PREP WITH 10kg/m ² OF CEMENT STABILIZATION	
MULTIWAY ASPHALT TRAIL	
75mm 10mm-LT	
150mm 20mm GBC	
150mm SUBGRADE PREP WITH 10kg/m ² OF CEMENT STABILIZATION	
TEMPORARY GRAVEL TURNAROUND	
150mm 20mm GRANULAR BASE COURSE	
GEOTEXTILE FABRIC	
150mm SUBGRADE PREP WITH 10kg/m ² OF CEMENT STABILIZATION	
SEMI-PERMANENT GRAVEL TURNAROUND	
100mm 10mm-LT ASPHALT AT FAC	
150mm 20mm GRANULAR BASE COURSE	
GEOTEXTILE FABRIC	
150mm SUBGRADE PREP WITH 10kg/m ² OF CEMENT STABILIZATION	

STREET BLADES

TEXT AND DESIGN TO BE TO STRATHCONA COUNTY STANDARDS	
1 a BAKER ST	6 a STETSON LOOP
b BROUGHAM DR	b STETSON LOOP
2 a BROUGHAM DR	7 a TWP ROAD 531
b COULEE CL	b BROUGHAM DR
3 a BROUGHAM DR	8 a 22112 TWP RD 531
b STETSON LOOP	b HORTON PL
4 a BROUGHAM DR	9 a MAIN ST
b STAGECOACH LINK	b TWP RD 531
5 a COULEE CL	
b STAGECOACH LINK	

LINEPAINTING & PAVEMENT MARKINGS

TO STRATHCONA COUNTY STANDARDS	
- ALL STREET MARKINGS TO BE PAINT AT CCC	
- ALL STREET MARKINGS ARE TO BE PF TYPE INLAY THERMOPLASTIC AT FAC	
10 SOLID YELLOW CENTERLINE	0.075m WIDE
11 SOLID YELLOW TRAIL STOP BAR	0.250m WIDE
12 SOLID WHITE ZEBRA BARS	4.0m LONG x 0.6m WIDE
13 SOLID WHITE STOP BAR	0.3m WIDE
14 SOLID YELLOW CENTER LINE	0.1m WIDE