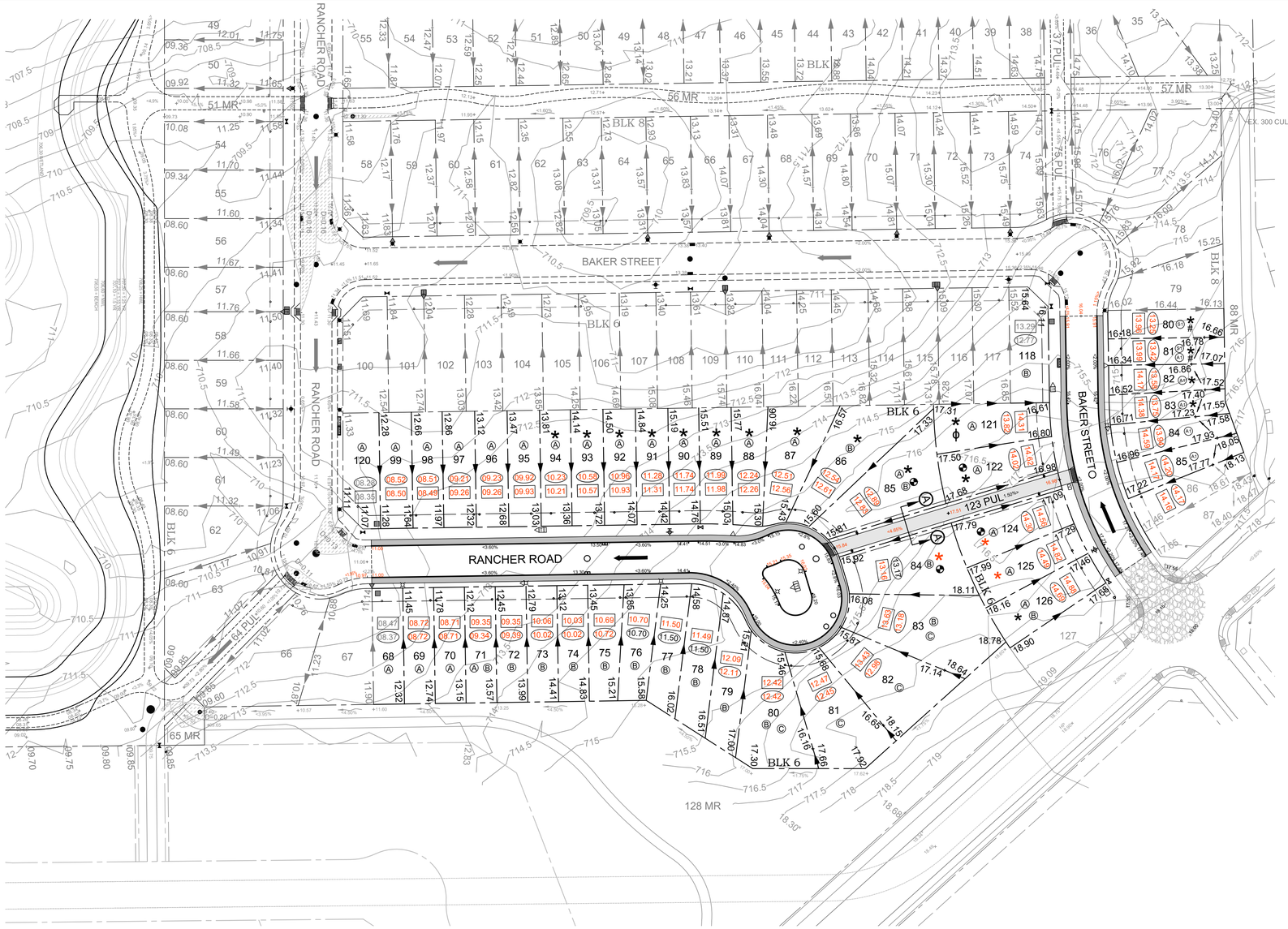
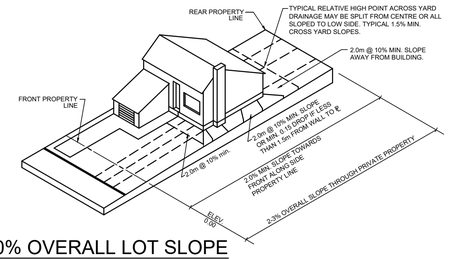
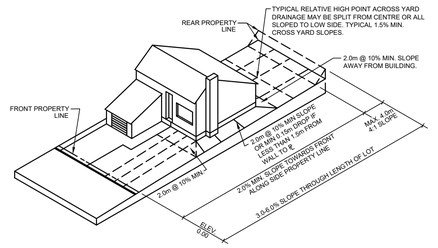
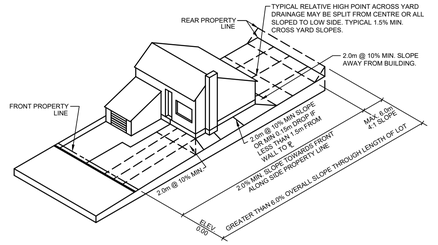




2.0-3.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE A



3.0-6.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE B

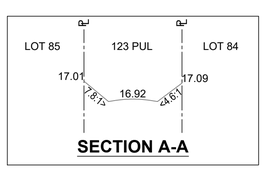


GREATER THAN 6.0% OVERALL SLOPE
REAR TO FRONT DRAINAGE
TYPE C

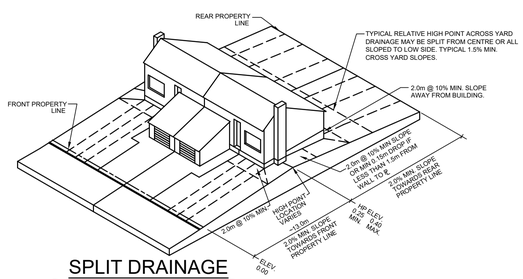
NOTES:

1. ALL HOUSES MUST HAVE SUMP PUMP FOR WEEPING TILE WITH CONNECTION TO THE SUMP PUMP DISCHARGE COLLECTION SERVICE AND EMERGENCY DISCHARGE TO SURFACE.
2. # LOTS MARKED WITH THIS SYMBOL HAVE PART OF THE LOT DRAINING TO THE REAR. FOR THESE LOTS, ROOF DRAINS MUST BE DIRECTED TO THE FRONT OF THE LOT.
3. STRIPPING GROUND CONTOURS SURVEYED BY AL-TERRA IN 2021 & 2022.
4. DETAILED GRADING PLAN FOR INDIVIDUAL LOTS TO BE SUBMITTED TO COUNTY BY BUILDERS.
5. ◓ LOTS MARKED WITH THIS SYMBOL MAY HAVE BEEN DISTURBED BY ADJACENT UNDERGROUND TRENCHING ACTIVITIES.
6. ✶ LOTS MARKED WITH THIS SYMBOL HAVE ENGINEERED FILL MATERIAL PLACED AT 0.5m BELOW THE DESIGN FINISHED FRONT OF LOT ELEVATION.
7. ϕ LOTS MARKED WITH THIS SYMBOL ARE TO HAVE ROOF LEADERS DIRECTLY CONNECTED TO THE STORM SERVICE.

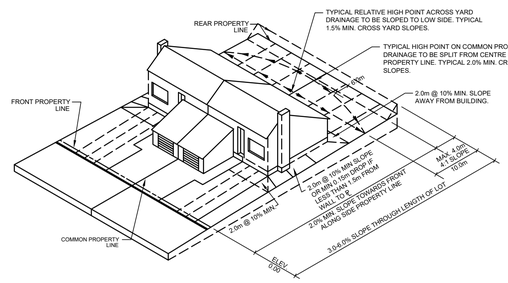
LAND DEVELOPMENT ENGINEERING'S REVIEW AND ACCEPTANCE OF THE LOT GRADING PLAN RELATES EXCLUSIVELY TO THE SURFACE DRAINAGE DESIGN, AND DOES NOT ADDRESS REQUIREMENTS FOR BUILDING FOUNDATIONS OR ANY OTHER USE OF THE LANDS, AND DOES NOT IMPLY THE SUITABILITY OF THE GROUND OR FILLS FOR ANY FOUNDATION REQUIREMENTS OR OTHER USE. IT IS THE OWNER OR THE BUILDER'S RESPONSIBILITY TO EMPLOY THE SERVICES OF A QUALIFIED GEOTECHNICAL CONSULTANT TO DETERMINE GROUND AND SUBSURFACE CONDITIONS THAT MAY AFFECT FOUNDATION DESIGN OR OTHER USE REQUIREMENTS.



THIS DRAWING INDICATES
REDLINE RECORD INFORMATION



SPLIT DRAINAGE
@ FRONT TO MID LOT
TYPE S1



2.0-3.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE A1

LEGEND

EXISTING		PROPOSED	FUTURE
	PROPERTY LINE		
	RIGHT OF WAY LINE		
	CURB AND GUTTER		
	MONOLITHIC WALK		
	ASPHALT TRAIL		
87.00	LOT GRADES	87.00	87.00
687.5	STRIPPING CONTOURS		
	GRASS SWALE		
	MAJOR DRAINAGE ROUTE		

EXISTING		PROPOSED
	VALVE	
	HYDRANT	
	MANHOLE	
	CURB STOP	
	CATCH BASIN	
	TRANSFORMER	
	PEDESTAL	
	VAULT	
	LIGHT STANDARD	
	T-BOLLARDS	

EXISTING		PROPOSED
	DIRECTION OF DRAINAGE	
D=0.22	100 YEAR STORM PONDING	D=0.22
08.00	SAN SERVICE INVERT AT EASEMENT	08.00
08.00	STM SERVICE INVERT AT EASEMENT	08.00
	LOT TYPE	Ⓑ

NO.	REVISION	DATE	BY
7.	ISSUED TO SUPPORT BUILDING PERMITS	AUG 23/24	NAS
6.	UPDATED LOT GRADING & SERVICE AS-BUILTS	AUG 23/24	NAS
5.	3rd SUBMISSION FOR COUNTY APPROVAL	DEC 22/23	NAS
4.	REVISED PER 2nd SUBMISSION COMMENTS	DEC 11/23	DML
3.	2nd SUBMISSION FOR COUNTY APPROVAL	AUG 04/23	NAS
2.	REVISED PER COUNTY COMMENTS	JUL 27/23	DML
1.	1st SUBMISSION FOR COUNTY/CLIENT REVIEW	FEB 07/23	NAS

PERMIT TO PRACTICE
AL-TERRA ENGINEERING LTD
RM SIGNATURE:
RM APEGA ID #: M71155
DATE: 2024-Aug-23
PERMIT NUMBER: P002104
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

5 0 10 20 30

PROFESSIONAL ENGINEER ALBERTA NICHOLAS ANDREW SMITH 29519
23 August 2024
ID #: 110378

Al-Terra Engineering Ltd.

LOT GRADING PLAN

DESIGN:	NAS	CHECKED:	NAS	JOB NO:	666-033
DRAWN BY:	DML	APPROVED:	KBA	DRAWING NO.	
SCALE:	1:750	DATE:	JANUARY 2023		666-033-205

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