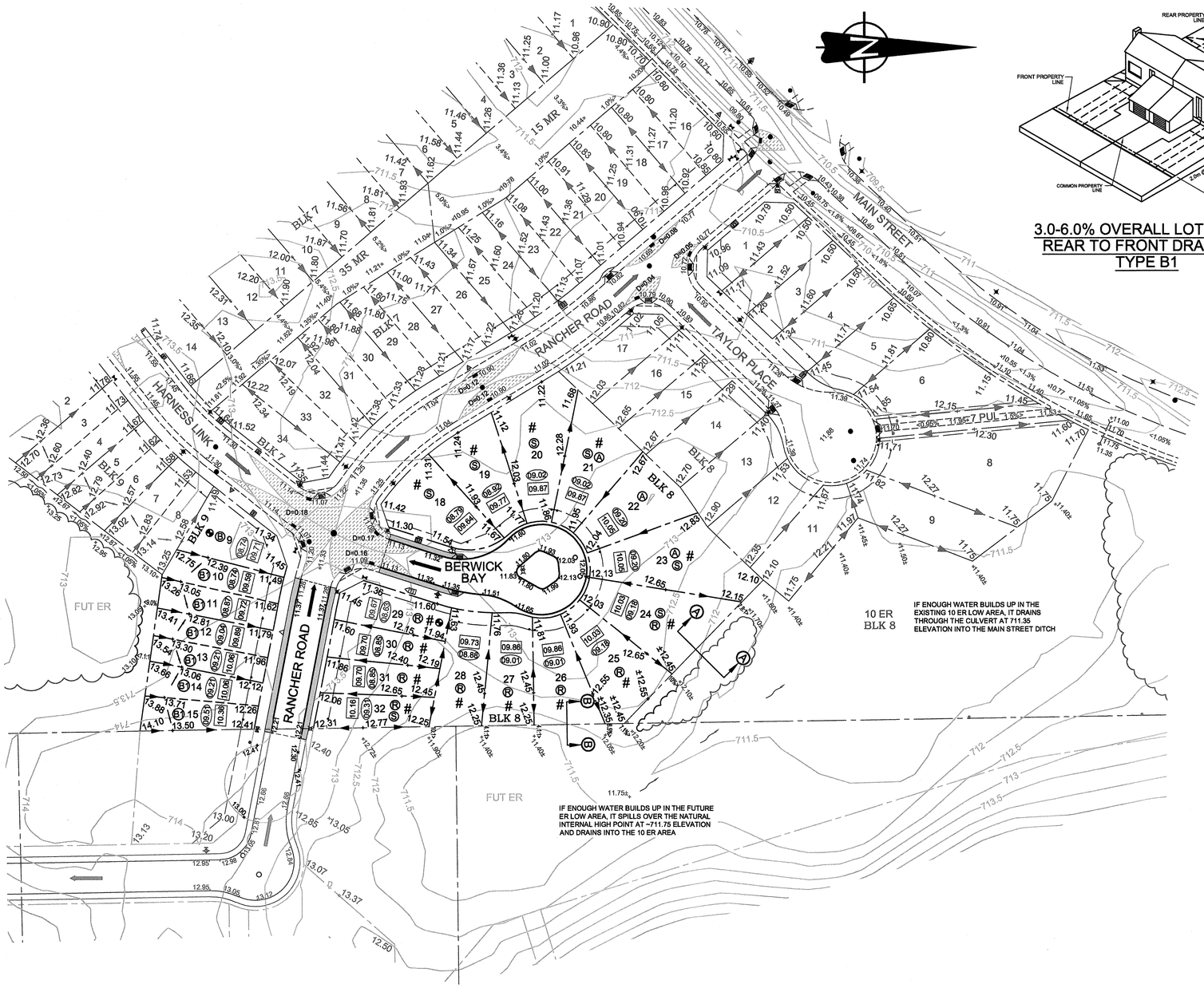
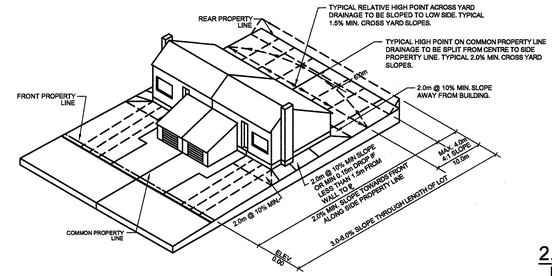
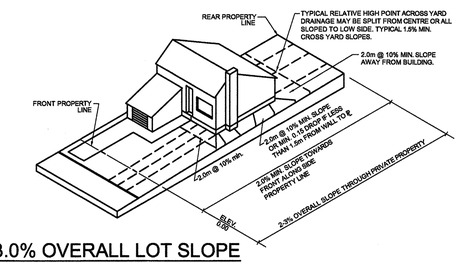
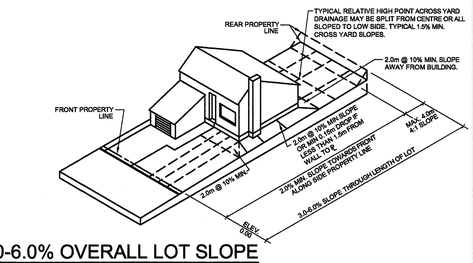




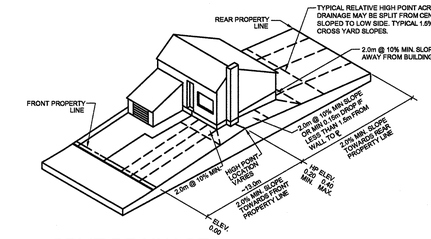
3.0-6.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE B1



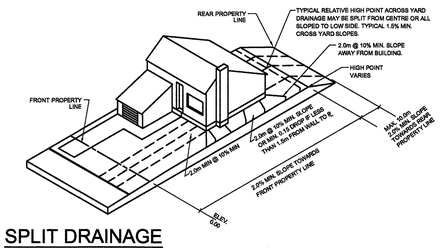
2.0-3.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE A



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



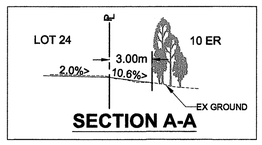
SPLIT DRAINAGE
@ FRONT TO MID LOT
TYPE S



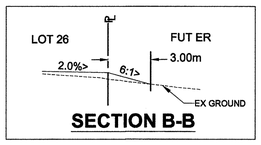
SPLIT DRAINAGE
@ REAR OF LOT
TYPE R

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. ORIGINAL GROUND CONTOURS SURVEYED BY AL-TERRA IN 2015 OR OBTAINED FROM STRATHCONA COUNTY OPEN DATA SOURCE PORTAL.
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 MAY HAVE MORE THAN 1.2m OF FILL WITHIN THE BUILDING POCKET AREA.

LAND DEVELOPMENT ENGINEERING 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.



SECTION A-A



SECTION B-B

LEGEND

EXISTING		PROPOSED	FUTURE
	PROPERTY LINE		
	RIGHT OF WAY LINE		
	CURB AND GUTTER		
	SIDEWALK		
87.00	LOT GRADES	87.00	87.00
667.5	ORIGINAL GROUND CONTOURS		
	GRASS SWALE		
	GRASS SWALE		
	MAJOR DRAINAGE ROUTE		

EXISTING		PROPOSED
	VALVE	
	HYDRANT	
	MANHOLE	
	CURB STOP	
	CATCH BASIN	
	TRANSFORMER	
	PEDESTAL	
	VAULT	
	LIGHT STANDARD	
	POWER POLES	
	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	B

NO.	REVISION	DATE	BY
6.	3rd SUBMISSION FOR COUNTY APPROVAL	MAY 15/20	KBA
5.	REVISIONS PER COUNTY COMMENTS	MAY 07/20	KBA
4.	2nd SUBMISSION FOR COUNTY REVIEW	APR 03/20	KBA
3.	REMOVED NORTH AREA FROM STAGE 6	MAR 24/20	KBA
2.	REVISIONS PER COUNTY COMMENTS	FEB 14/20	KBA
1.	1st SUBMISSION FOR COUNTY/CLIENT REVIEW	DEC 20/19	KBA

PERMIT TO PRACTICE
AL-TERRA ENGINEERING LTD.
Signature
Date MAY 15, 2020
PERMIT NUMBER: P 2104
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

PROFESSIONAL ENGINEER ALBERTA
KELLY BLUE AUMOND
MAY 15, 2020

Al-Terra Engineering Ltd.

LOT GRADING PLAN

DESIGN:	KBA	CHECKED:	KBA	JOB NO:	6618
DRAWN BY:	VM	APPROVED:	KBA	DRAWING NO.	
SCALE:	1:750	DATE:	NOVEMBER 2019		6618-205

ARDROSSAN HEIGHTS STAGE 6
BY
ARDROSSAN LAND CORPORATION
IN
STRATHCONA COUNTY