

NOTES:

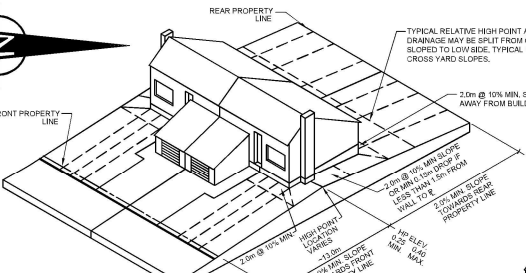
1. ALL HOUSES MUST HAVE SUMP PUMP FOR WEEPING TILE WITH CONNECTION TO THE SUMP PUMP DISCHARGE COLLECTION SERVICE AND EMERGENCY DISCHARGE TO SURFACE.
2. EXISTING GROUND CONTOURS SURVEYED BY AL-TERRA IN 2015 & 2023 AND BY PALS GEOMATICS IN 2017.
3. DETAILED GRADING PLAN FOR INDIVIDUAL LOTS TO BE SUBMITTED TO COUNTY BY BUILDERS.
4. * LOTS MARKED WITH THIS SYMBOL MAY HAVE BEEN DISTURBED BY ADJACENT UNDERGROUND TRENCHING ACTIVITIES.
5. ★ LOTS MARKED WITH THIS SYMBOL HAVE ENGINEERED FILL MATERIAL PLACED AT 0.5m BELOW THE DESIGN FINISHED FRONT OF LOT ELEVATION.
6. SEE 666-034-205.02 DRAWING FOR GRADING AND SERVICE INVERT DETAILS FOR LOTS 1-8 & 65-79, BLK 11.

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.

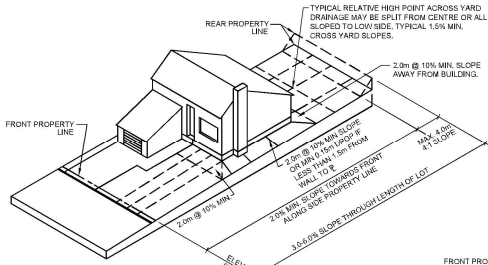
DITCH REGRADED FOR AN ADDITIONAL 33.7m AT 0.65% TO ENSURE POSITIVE DRAINAGE FROM TRAIL CONNECTION



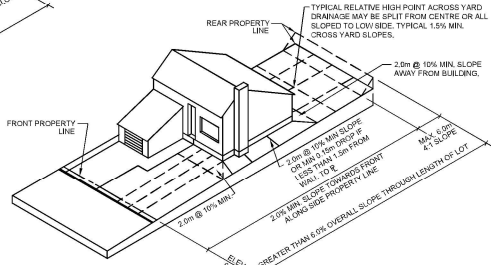
SPLIT DRAINAGE
@ FRONT TO MID LOT
TYPE S1



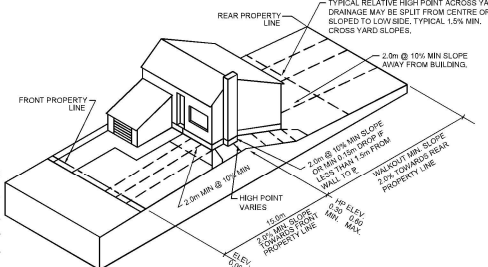
2.0-3.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE A



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

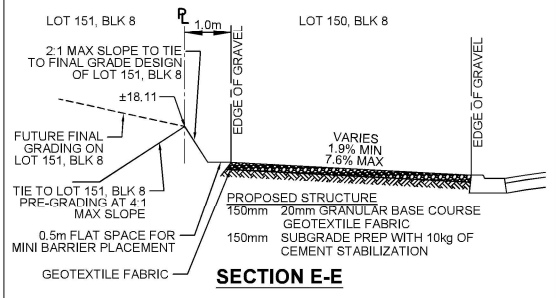
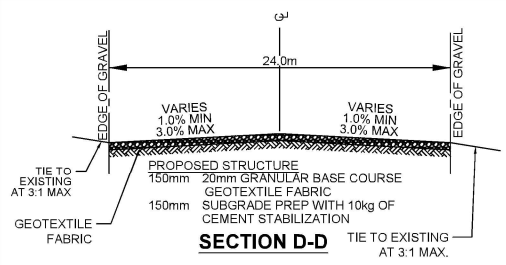
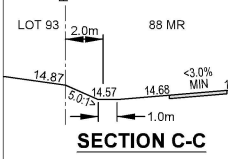
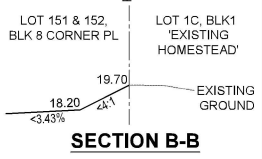
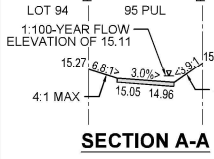
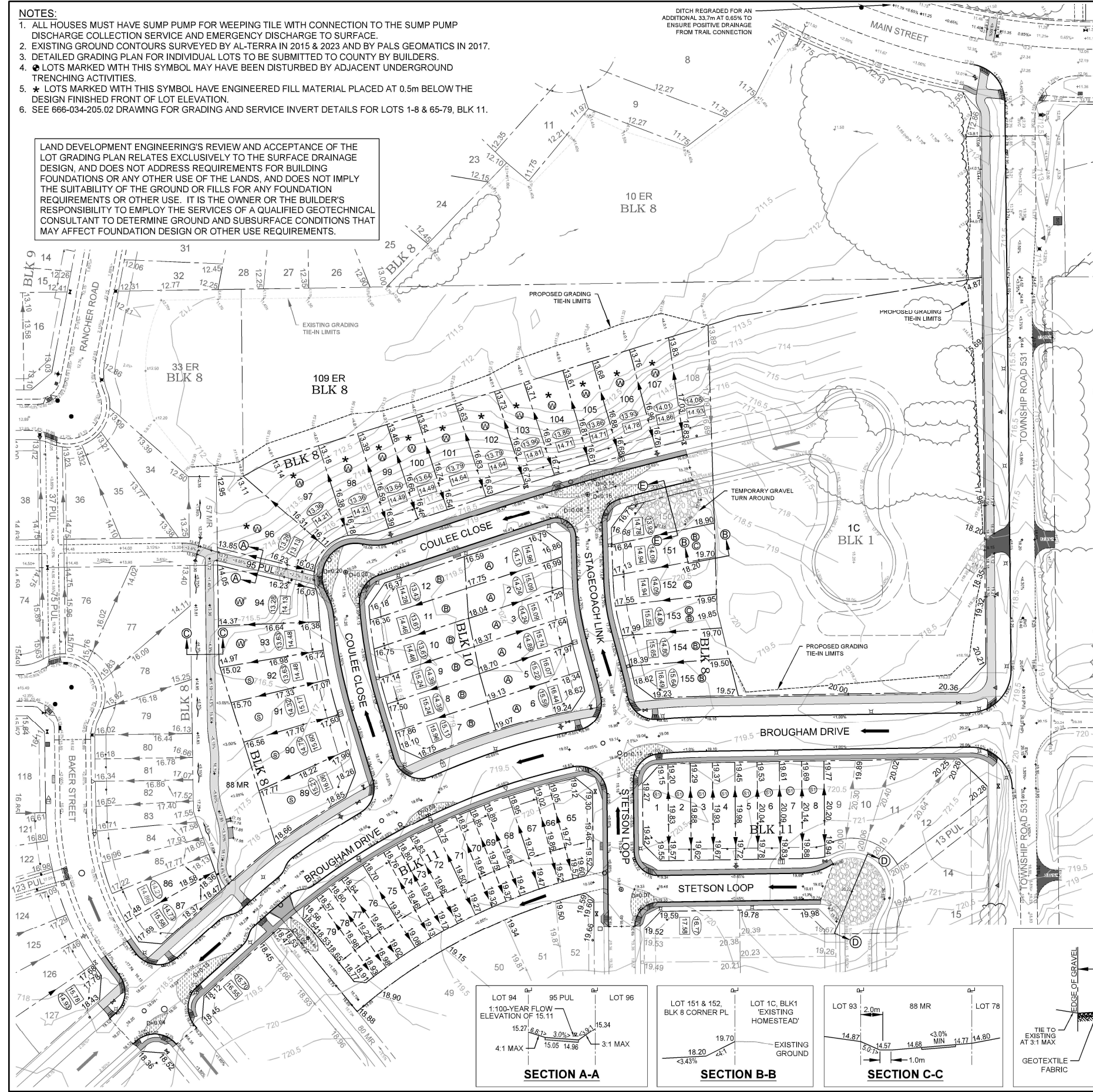


GREATER THAN 6.0% OVERALL SLOPE
REAR TO FRONT DRAINAGE
TYPE C



WALKOUT BASEMENT
TYPE W

TYPE W DENOTES A LOT THAT MAY REQUIRE EXTRA STEPS TO BE FULL WALKOUT.



EXISTING

PROPERTY LINE
RIGHT OF WAY LINE
CURB AND GUTTER
MONOLITHIC WALK
ASPHALT TRAIL
LOT GRADES
EXISTING GROUND
CONTOURS
GRASS SWALE
MAJOR DRAINAGE
ROUTE

LEGEND

PROPOSED

FUTURE

EXISTING

VALVE
HYDRANT
MANHOLE
CATCH BASIN
TRANSFORMER
PEDESTAL
VAULT
LIGHT STANDARD
T-BOLLARDS

EXISTING

DIRECTION OF
100 YEAR STORM
PONDING

PROPOSED

SAN SERVICE INVERT
AT EASEMENT
STM SERVICE INVERT
AT EASEMENT
LOT TYPE

PERMIT TO PRACTICE
AL-TERRA ENGINEERING LTD
RM SIGNATURE: *[Signature]*
RM APEGA ID #: M71155
DATE: 2024-Apr-27
PERMIT NUMBER: P002104
The Association of Professional Engineers and
Geoscientists of Alberta (APEGA)

PROFESSIONAL ENGINEER
ALBERTA
NICHOLAS ANDREW SMITH
26 April 2024
ID #: 110378

AI-Terra
LOT GRADING PLAN

DESIGN:	NAS	CHECKED:	NAS	JOB NO:	666-034
DRAWN BY:	DML	APPROVED:	KBA	DRAWING NO.	
SCALE:	1:750	DATE:	JANUARY 2024		666-034-205.01

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