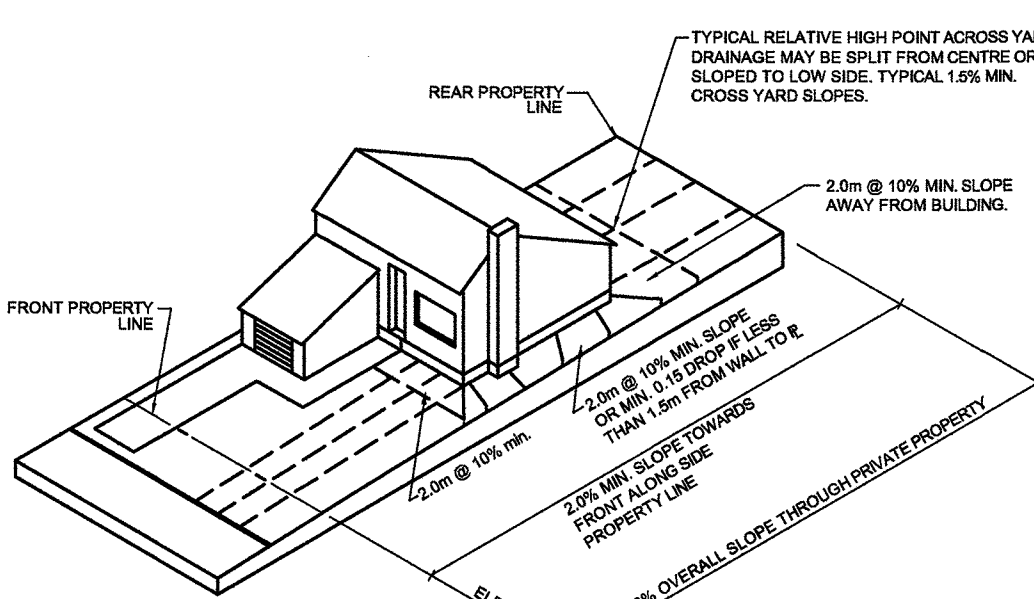
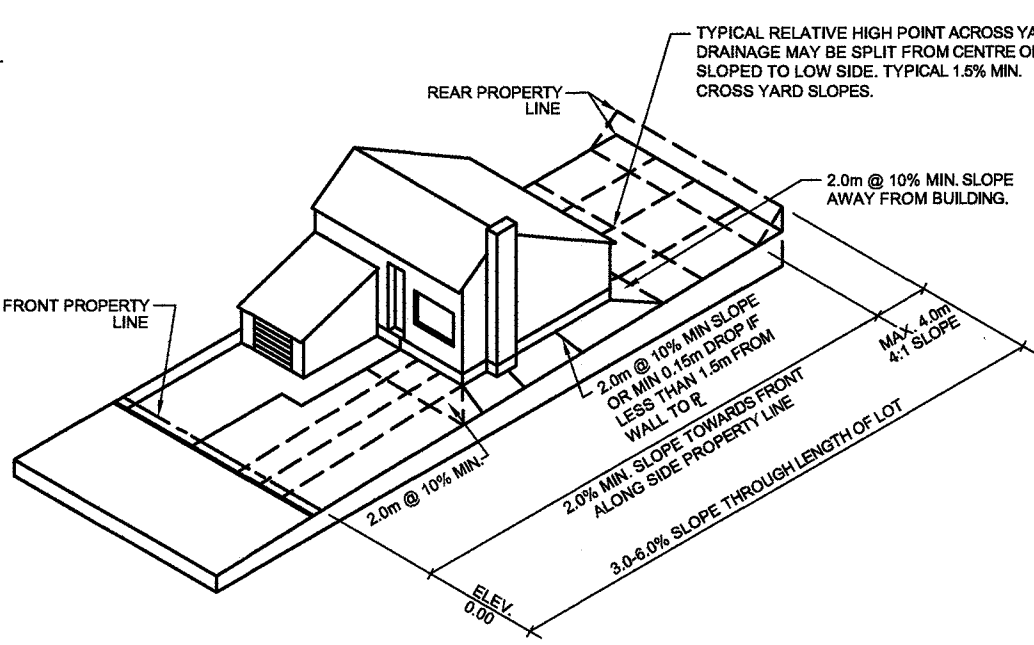


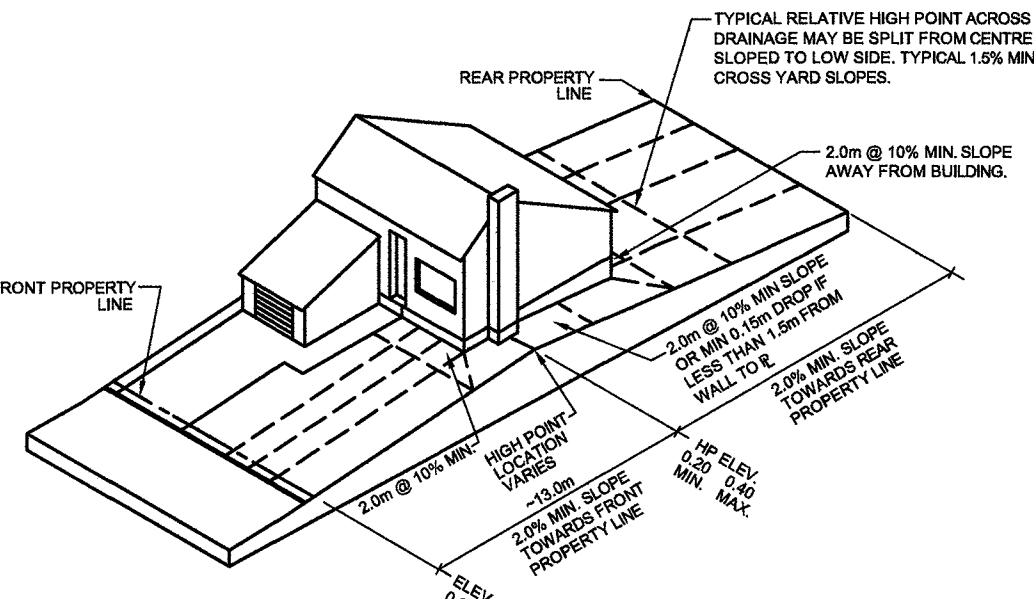
**2-3% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE A**



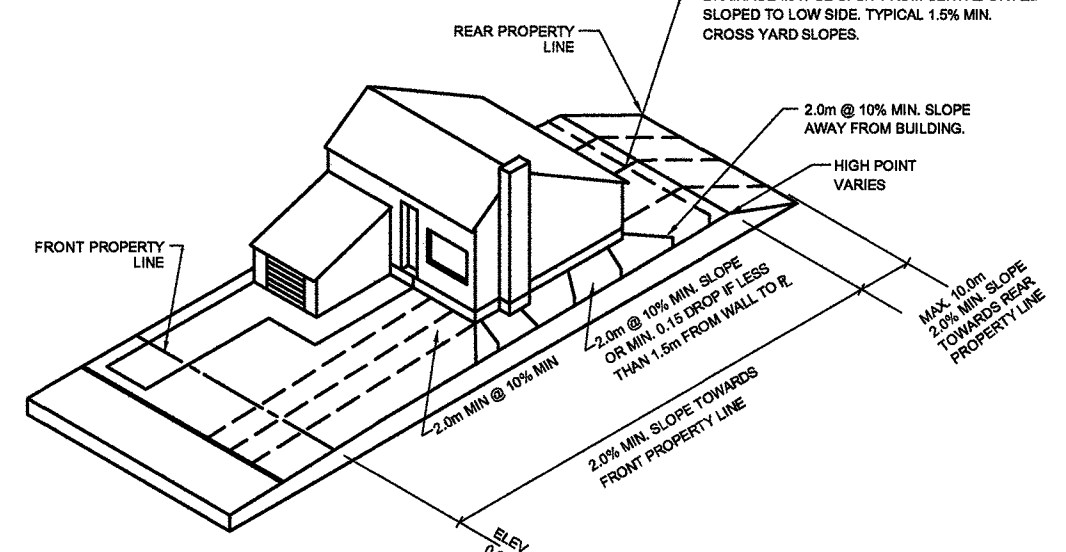
**3.0-6.0% OVERALL LOT SLOPE
REAR TO FRONT DRAINAGE
TYPE B**



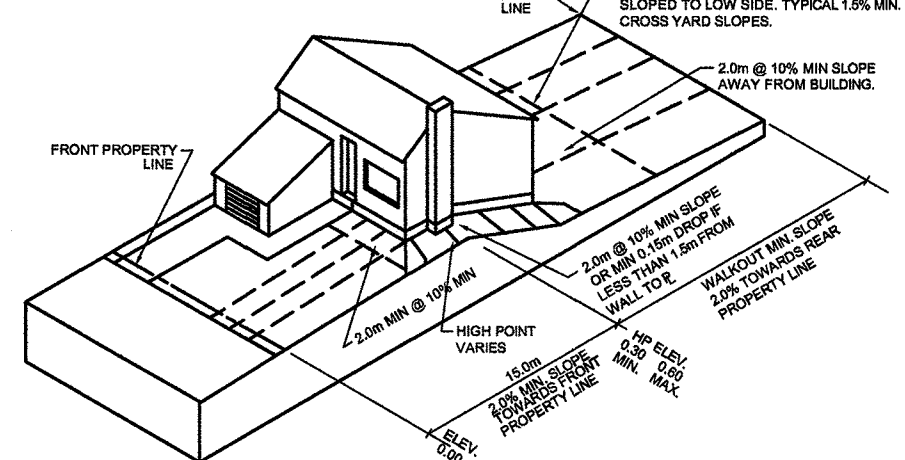
**SPLIT DRAINAGE @ FRONT TO MID LOT
TYPE S**



**SPLIT DRAINAGE @ REAR OF LOT
TYPE R**

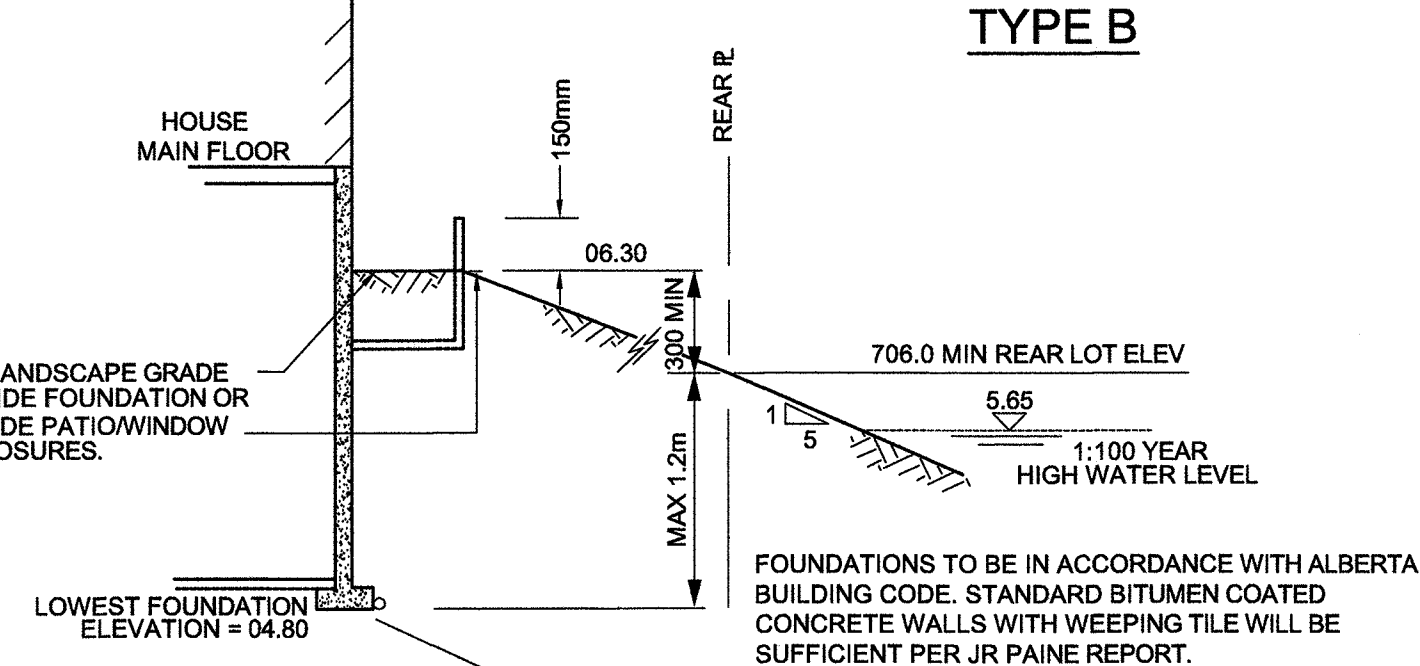


**WALKOUT BASEMENT
TYPE W**

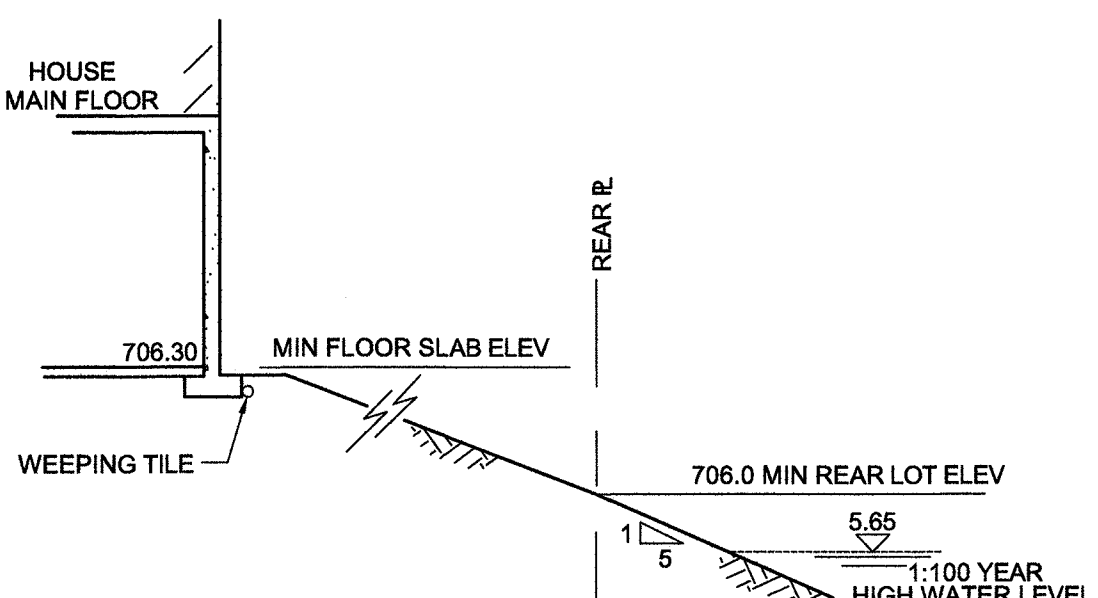


TYPE W DENOTES LOT THAT MAY NEED EXTRA STEPS TO BE FULL WALKOUT

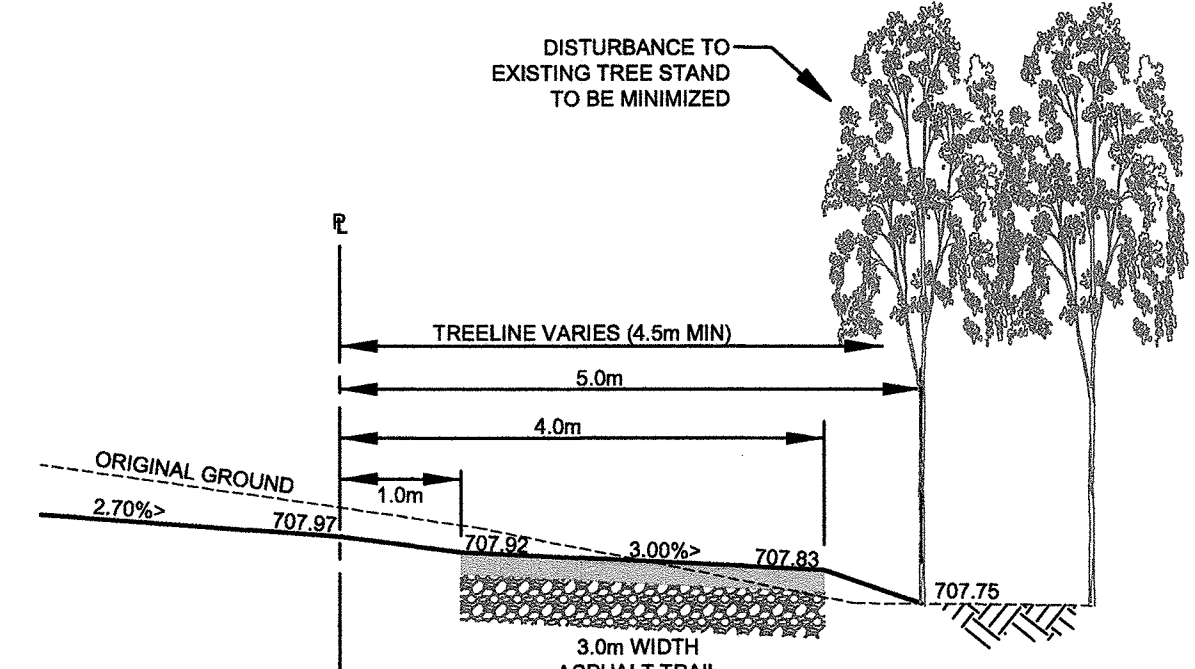
**NON WALKOUTS BACKING ONTO
STORM WATER MANAGEMENT FACILITY**



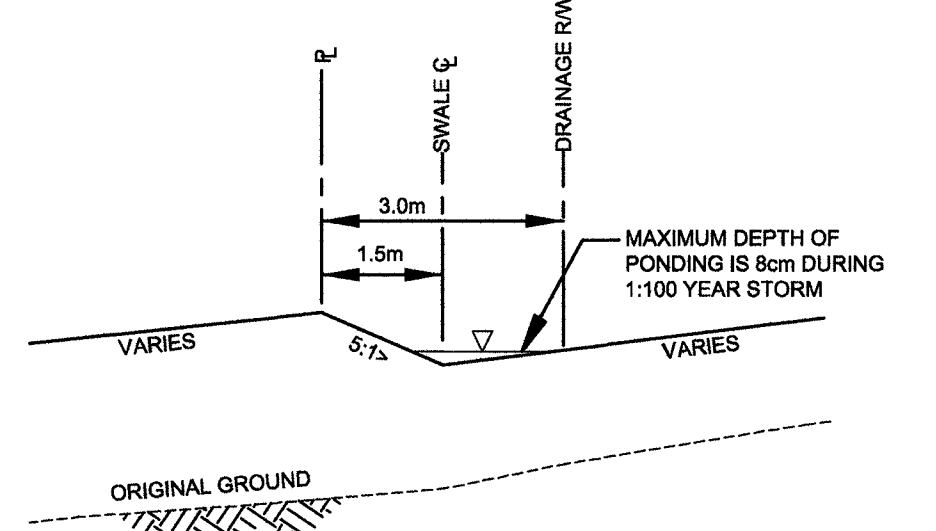
**WALKOUTS BACKING ONTO
STORM WATER MANAGEMENT FACILITY**



SECTION A-A



SECTION B-B

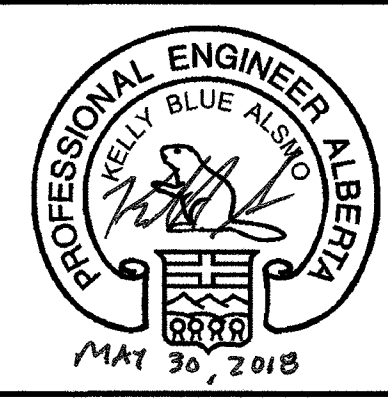


- NOTES:**
1. ALL HOUSES MUST HAVE SUMP PUMP FOR WEEPING TILE WITH CONNECTION TO THE STORM SERVICE AND EMERGENCY DISCHARGE TO SURFACE.
 2. # LOTS MARKED WITH THIS SYMBOL HAVE PART OF THE LOT DRAINING TO THE REAR. FOR THESE LOTS, ROOF DRAINS MUST BE DIRECTED TO FRONT OF LOT.
 3. ORIGINAL GROUND CONTOURS SURVEYED BY AL-TERRA IN 2015.
 4. DETAILED GRADING PLAN FOR INDIVIDUAL LOTS TO BE SUBMITTED TO CITY 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 IN THE BUILDING POCKET.
 7. MINOR PONDING MAY OCCUR DURING STORM EVENTS IN THE NATURALIZED SPACE IN 43MR BLK 2.
 8. ▽ LOTS MARKED WITH THIS SYMBOL ARE TO HAVE THEIR LOWEST FOOTING ELEVATION A MINIMUM OF 1.0m ABOVE THE NORMAL WATER LEVEL OF SWMF 2 - FOOTING ELEVATION TO BE ABOVE 704.80 - AND HAVE ANY PORTION OF THE FOUNDATION BELOW THE HIGH WATER LINE WATERPROOFED. A GEOTECHNICAL ENGINEER SHOULD BE CONSULTED FOR EACH SITE SPECIFIC FOOTING/FOUNDATION DESIGN TO TAKE INTO ACCOUNT THE SOIL COEFFICIENT OF PERMEABILITY AND ANY POTENTIAL HYDROSTATIC PRESSURE DUE TO GROUND WATER.

EXISTING		PROPOSED		FUTURE		EXISTING		PROPOSED	
	PROPERTY LINE		RIGHT OF WAY LINE		CURB AND GUTTER		SEPARATE WALK		LOT GRADES
	ORIGINAL GROUND CONTOURS		GRASS SWALE		MAJOR DRAINAGE ROUTE		VALVE		HYDRANT
	MANHOLE		CURB STOP		CATCH BASIN		TRANSFORMER		PEDISTAL
	LIGHT STANDARD		POWER POLES		T-BOLLARDS		DIRECTION OF DRAINAGE		100 YEAR STORM PONDING
	SAN SERVICE INVERT AT EASEMENT		STM SERVICE INVERT AT EASEMENT		LOT TYPE		83.00		83.00

NO.	REVISION	DATE	BY
5.	3rd SUBMISSION FOR COUNTY APPROVAL	MAY 30/18	KBA
4.	REVISED PER COUNTY COMMENTS	MAY 07/18	NAS
3.	2nd SUBMISSION FOR COUNTY REVIEW	MAR 23/18	KBA
2.	REVISED PER COUNTY COMMENTS	MAR 12/18	NAS
1.	1st SUBMISSION FOR COUNTY/CLIENT REVIEW	JAN 19/18	KBA

PERMIT TO PRACTICE
AL-TERRA ENGINEERING LTD.
Signature: *[Signature]*
Date: MAY 30, 2018
PERMIT NUMBER: P 2104
The Association of Professional Engineers, Geologists and Geophysicists of Alberta



AL-Terra
LOT GRADING PLAN

DESIGN:	KBA	CHECKED:	KBA	JOB NO.:	6616
DRAWN BY:	VM	APPROVED:	KBA	DRAWING NO.:	
SCALE:	1:750	DATE:	JANUARY 2018		6616-205

ARDROSSAN HEIGHTS STAGE 4
BY
ARDROSSAN LAND CORPORATION
IN
STRATHCONA COUNTY