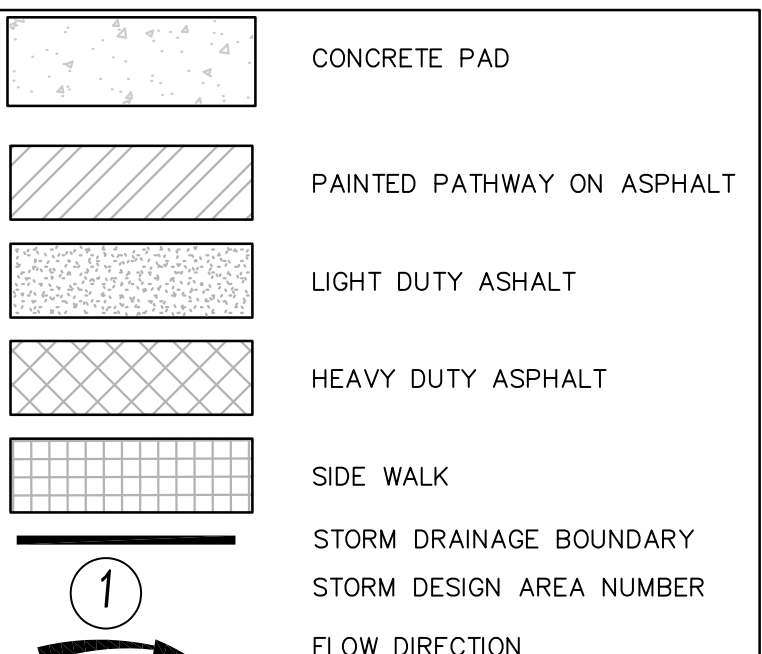
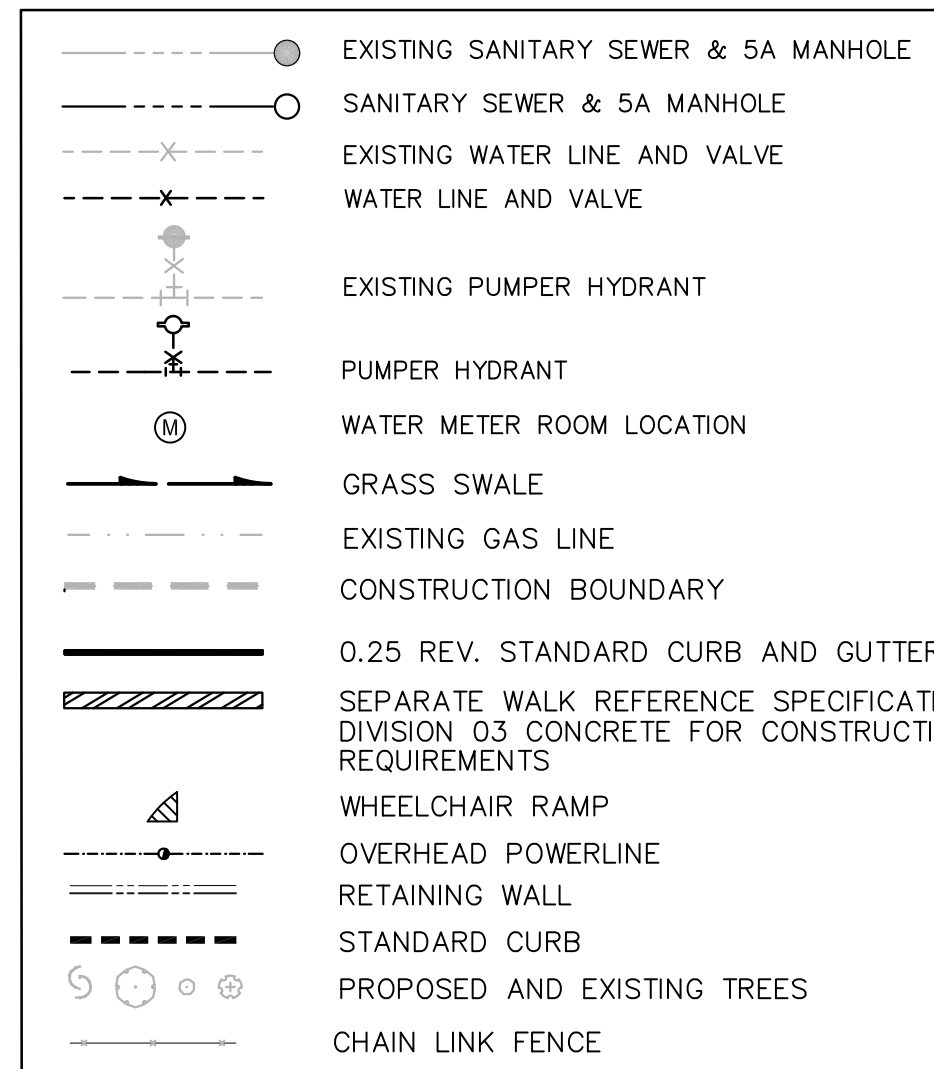


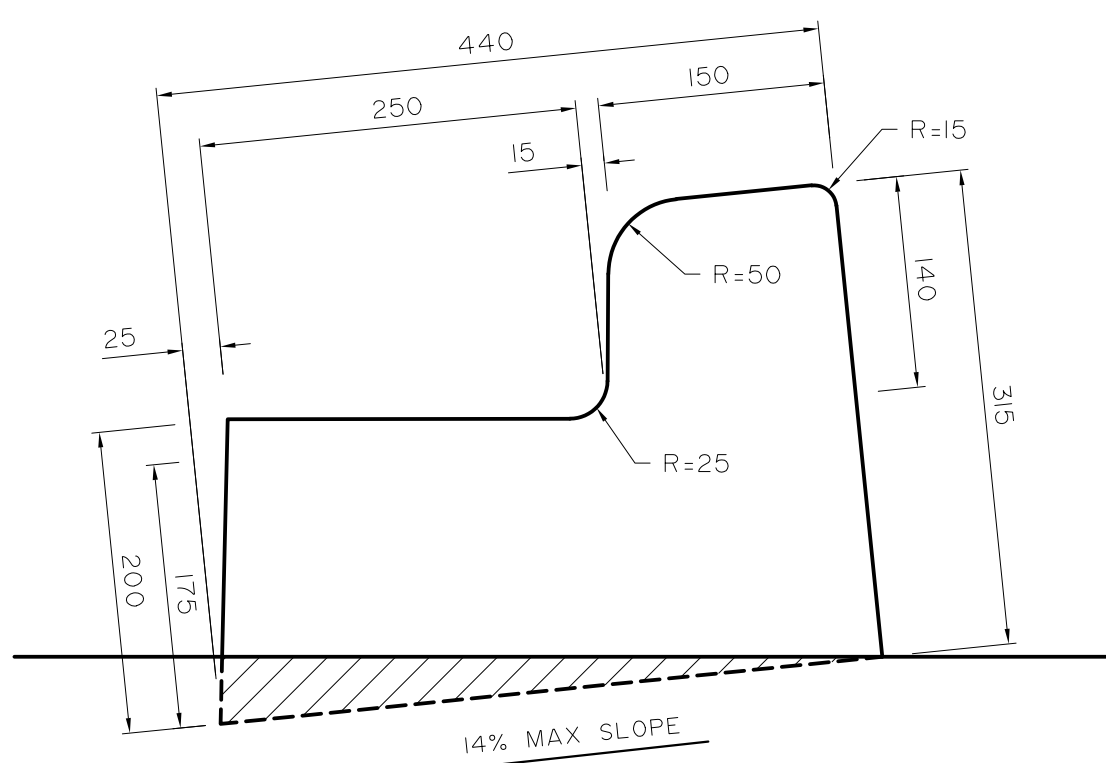
ALBERTA'S IRON HORSE TRAIL  
(FORMER CN RAIL TRACK)



**ROADWAY PAVEMENT DESIGN**

PAVEMENT TYPE	PAVEMENT STRUCTURE
Light Duty (such as parking areas for light cars and pickup trucks)	75 mm Asphaltic Concrete over 250 mm Crushed Granular Base Course over 150 mm prepared subgrade
Heavy Duty (access routes for fire trucks and service vehicles)	100 mm Asphaltic Concrete over 300 mm Crushed Granular Base Course over 300 mm prepared subgrade

- ALL PLANS SUBJECT TO TERMS OF THE DEVELOPMENT PERMIT.
- CONFIRM LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- PIPE MATERIALS ARE AS FOLLOWS (UNLESS OTHERWISE NOTED):
  - SANITARY SEWERS: 150mm OR LESS DIAMETER PIPE PVC SDR 28
  - WATERMANS: 150mm DIAMETER PIPE AWWA C900-DR18
- ALL SANITARY AND STORM MANHOLES TO BE SRC
- ALL PVC PIPE TO BE BEDDED WITH CLASS II EMBEDMENT (20mm MAX) MATERIAL.
- MINIMUM COVER FOR ALL WATERMANS IS 3.0m TO CROWN UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
- ALL WORK TO CONFORM TO CURRENT EDITION LOCAL STANDARDS AND TECHNICAL SPECIFICATIONS FOR SEWERS, WATERWORKS, AND STREETS CONSTRUCTION.
- ALL COMPACTION TO BE 98% STANDARD PROCTOR DENSITY AT OPTIMUM TO ±3% OF OPTIMUM MOISTURE CONTENT.
- SHALLOW UTILITY INFORMATION SHOWN IS FOR LOCAL DEVELOPMENT SITE SERVICING PLAN APPROVAL PROCESS ONLY.
- MAINTAIN 2.00m SEPARATION FROM WATERLINES TO SHALLOW AND DEEP UTILITIES.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL ARCHITECTURAL SITE DIMENSIONS AND DETAILS.
- REFER TO ELECTRICAL DRAWINGS FOR ALL DETAILS REGARDING ELECTRICAL, TELEPHONE, CABLE TV, AND SITE LIGHTING. DO NOT USE THIS DRAWING AS REFERENCE FOR ANY ELECTRICAL SURVEY.
- REFER TO GAS DRAWINGS FOR ALL DETAILS REGARDING THE GAS SERVICES. DO NOT USE THIS DRAWING AS REFERENCE FOR ANY GAS SURVEY.
- ALL CATCH BASINS TO BE INSTALLED WITH A MINIMUM CLEARANCE OF 3.0m BETWEEN THE CENTRELINE OF THE CATCH BASIN BARREL AND ANY INDIVIDUAL LOT WATER SERVICE LINE.
- LOCATION OF ALL EXISTING SANITARY, STORM AND WATER SERVICES TO BE DETERMINED PRIOR TO CONSTRUCTION.
- EXISTING UTILITY INFORMATION FROM LOCAL BLOCK PROFILES. STANTEC DOES NOT WARRANT THE ACCURACY OF ANY INFORMATION PROVIDED.
- CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING UTILITIES.
- NO CORRECTION MADE FOR CONSTRUCTION AND DATUM ERROR.



**REVERSED 0.25 STD CURB & GUTTER**

SCALE 1:5

PROJECT INFORMATION	
AREA	0.79ha
LEGAL ADDRESS	BLOCK 1, LOT 6, PLAN 1122534
MUNICIPAL ADDRESS	5338 Railway Ave, Elk Point, AB
LAND USE	
DP No.	
DSSP No.	

www.stantec.com  
Copyright Reserved  
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.  
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultants

Legend

Notes  
ALL EXISTING INFORMATION FROM DRAWING 0102-14011-M100 FROM SELECT ENGINEERING CONSULTANTS LTD AND SITE SURVEY DATED MAY 2015."

Revision	By	Appd	YYYY.MM.DD
ISSUED FOR TENDER	jc	CAW	2016.01.29
Issued	By	Appd	YYYY.MM.DD

Permit-Seal

Client/Project  
GOVERNMENT OF CANADA  
ELK POINT - NEW BUILDING

54 STREET AND RAILWAY AVENUE  
ELK POINT, AB  
Title  
UNDERGROUND UTILITIES  
SURFACE IMPROVEMENTS PLAN

Project No.	Scale
144202690	1:300
Revision	Drawing No.
0	
Sheet	<b>C101</b>
1 of 2	

Revision	By	Appd	YYYYMMDD

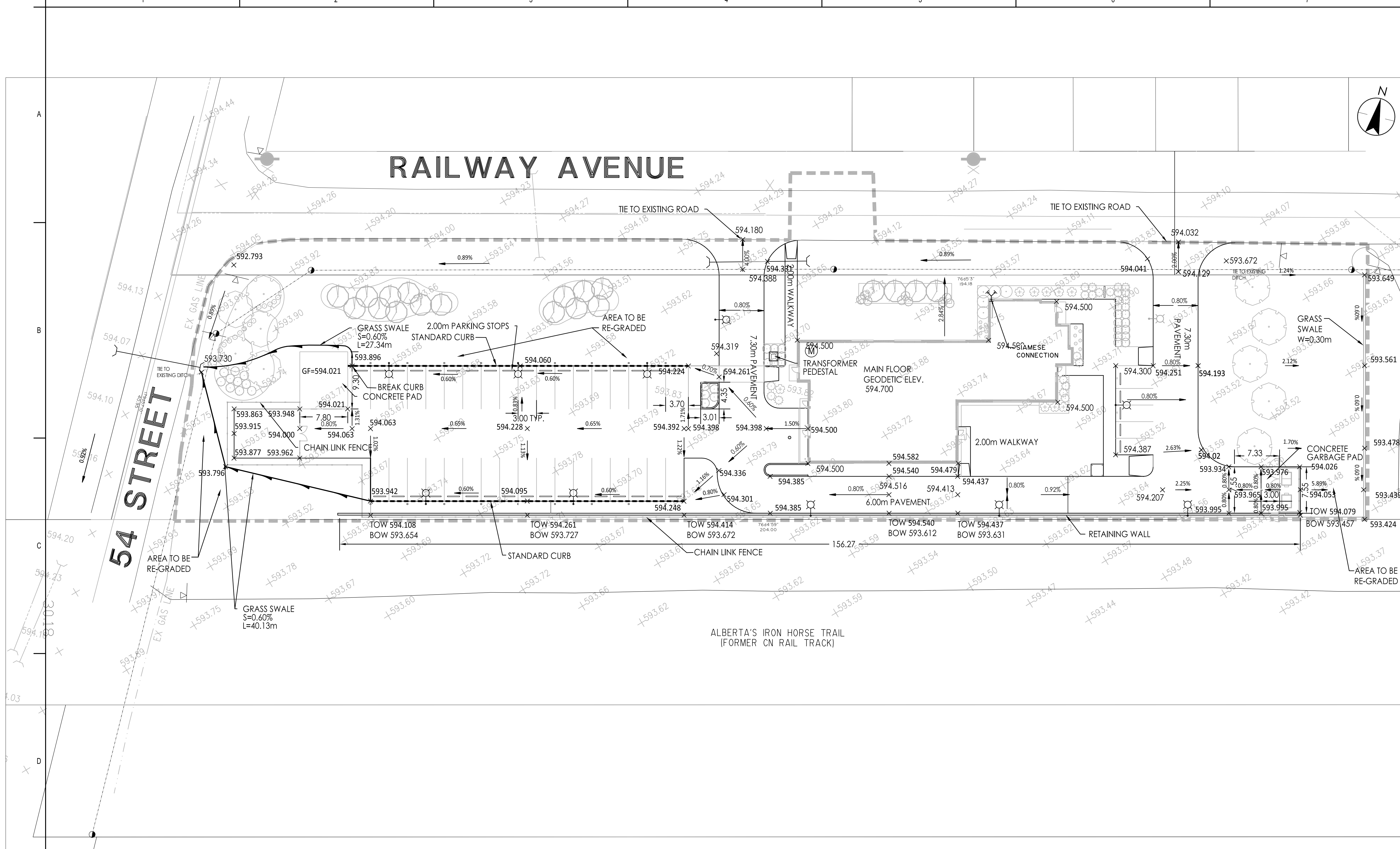
ISSUED FOR TENDER	By	Appd	YYYYMMDD
Issued			

Client/Project  
**GOVERNMENT OF CANADA  
 ELK POINT - NEW BUILDING**

54 STREET AND RAILWAY AVENUE  
 ELK POINT, AB

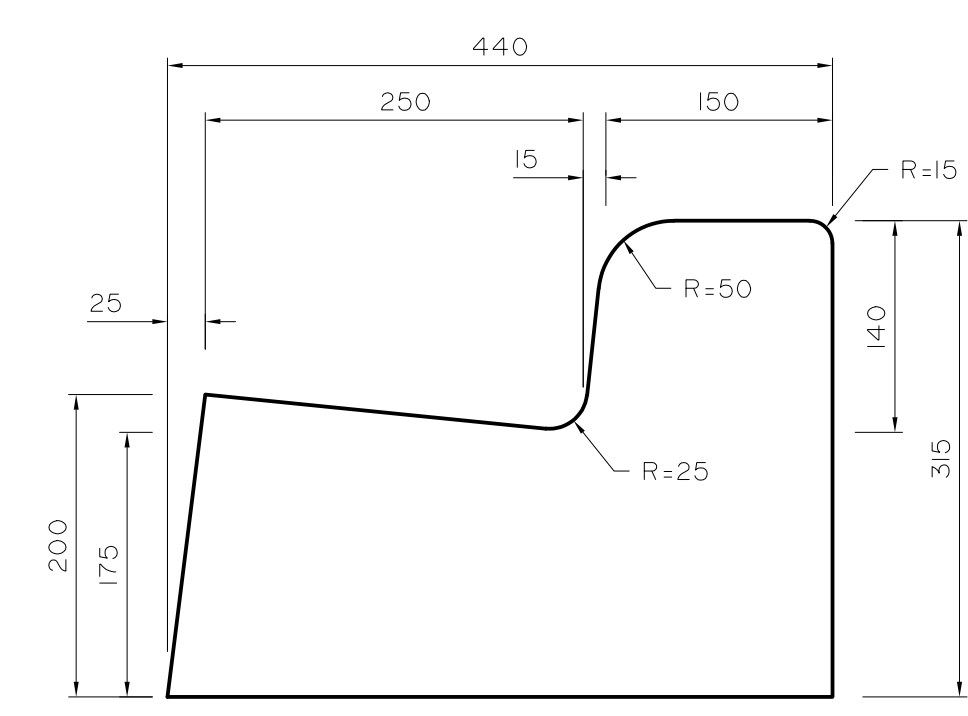
Title  
**SURFACE GRADING PLAN**

Project No. 144202690	Scale 1:300
Revision 0	Drawing No. <b>C102</b>
Sheet 2 of 2	



x 161.50	PROPOSED FINISHED GRADE
o 161.50	EXISTING GRADE
	GRASS SWALE
	SLOPE OF FINISHED GROUND
	CONSTRUCTION BOUNDARY
	OVERHEAD POWERLINE
	EXISTING GAS LINE
	RETAINING WALL
	STANDARD CURB
	PROPOSED AND EXISTING TREES
	CHAIN LINK FENCE

- ALL PLANS ARE SUBJECT TO TERMS OF THE DEVELOPMENT PERMIT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETION OF ALL GRADING IN ACCORDANCE WITH THE LOCAL GRADING BYLAW AS WELL AS THE SUBMISSION OF ALL "AS-CONSTRUCTED" DOCUMENTATION.
- MINIMUM SLOPE ON ALL ASPHALT SURFACES TO BE 0.60%.
- ALL CURB RADII ARE TO LIP OF GUTTER UNLESS SHOWN OTHERWISE.
- WHEEL CHAIR RAMPS TO BE CONSTRUCTED TO LOCAL STANDARD SPECIFICATIONS.



**0.25 STD CURB & GUTTER**  
 SCALE 1:5

PROJECT INFORMATION	
AREA	0.79ha
LEGAL ADDRESS	BLOCK 1, LOT 6, PLAN I122524
MUNICIPAL ADDRESS	5338 Railway Ave, Elk Point, AB
LAND USE	
DP No.	
DSSP No.	

ORIGINAL SHEET - ARCH 0 (2/1/21)