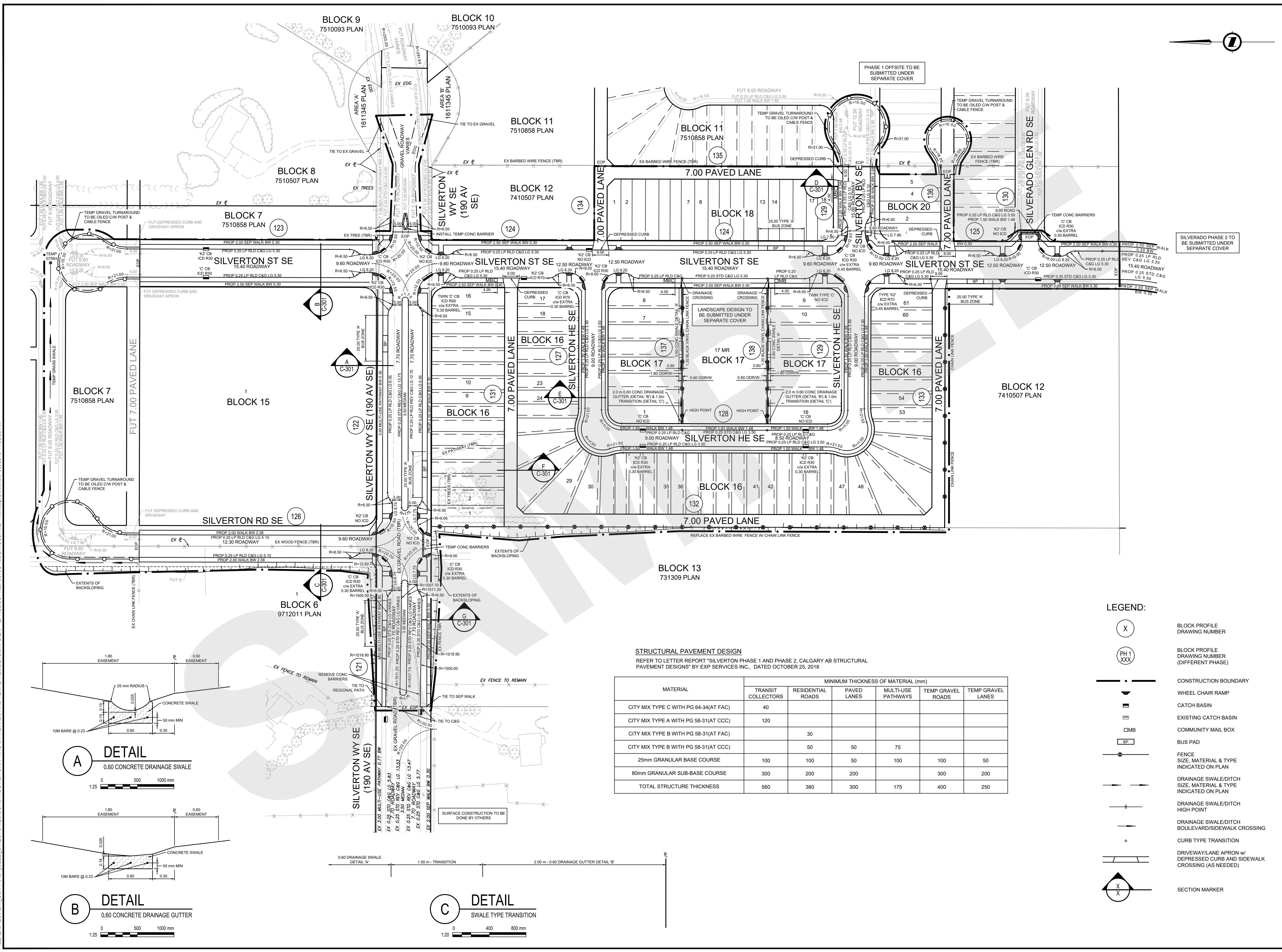


FILE: Z:\SPECIALT.CONTRACT\_SEED\_DIRECTORIES\CONSTRUCTION DRAFTING STANDARDS AND TEMPLATES\VISUML-EXP-2\PRODUCT\12345678C-103.DWG | DATE: Thursday, December 05, 2019 11:08:33 AM



**STRUCTURAL PAVEMENT DESIGN**  
 REFER TO LETTER REPORT 'SILVERTON PHASE 1 AND PHASE 2, CALGARY AB STRUCTURAL PAVEMENT DESIGNS' BY EXP SERVICES INC., DATED OCTOBER 25, 2018

MATERIAL	MINIMUM THICKNESS OF MATERIAL (mm)					
	TRANSIT COLLECTORS	RESIDENTIAL ROADS	PAVED LANES	MULTI-USE PATHWAYS	TEMP GRAVEL ROADS	TEMP GRAVEL LANES
CITY MIX TYPE C WITH PG 64-34(AT FAC)	40					
CITY MIX TYPE A WITH PG 58-31(AT CCC)	120					
CITY MIX TYPE B WITH PG 58-31(AT FAC)		30				
CITY MIX TYPE B WITH PG 58-31(AT CCC)		50	50	75		
25mm GRANULAR BASE COURSE	100	100	50	100	100	50
80mm GRANULAR SUB-BASE COURSE	300	200	200		300	200
TOTAL STRUCTURE THICKNESS	560	380	300	175	400	250

**DETAIL A**  
0.60 CONCRETE DRAINAGE SWALE

**DETAIL B**  
0.60 CONCRETE DRAINAGE GUTTER

**DETAIL C**  
SWALE TYPE TRANSITION

**NOTES**

**GENERAL NOTES (GN):**

- ALL PIPE SIZES ARE IN MILLIMETRES AND ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- ALL COORDINATES AND DISTANCES ARE BASED ON 3TM COORDINATE SYSTEM (NAD 83).
- ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT CITY OF CALGARY SPECIFICATIONS.
- NO CONSTRUCTION UNTIL ALL APPROPRIATE REGULATORY APPROVALS ARE OBTAINED.
- ALL PLANS SUBJECT TO TERMS OF THE DEVELOPMENT AGREEMENT/PERMIT AND THE CONTRACT DOCUMENTS.
- ANY ERRORS OR DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL FILL MATERIAL SHALL BE PLACED AND COMPACTED TO CITY OF CALGARY SPECIFICATIONS.
- ALL ELEVATIONS ARE GEODETIC WITH DATUM=0.
- CONTRACTOR TO BE RESPONSIBLE FOR LOCATION AND ALIGNMENT OF ALL EXISTING UTILITIES.
- CONTRACTOR TO TAKE CARE WHEN WORKING NEAR EXISTING INFRASTRUCTURE.
- CONTRACTOR TO COORDINATE ALL CONSTRUCTION WITH ASSOCIATED OWNER(S) WHEN WORKING NEAR EXISTING INFRASTRUCTURE.
- EXISTING SURFACE FEATURES TO BE REINSTATED TO CONDITIONS PRECEDING CONSTRUCTION WHERE EXISTING CONDITIONS WILL BE MAINTAINED.
- COMBINED FACTOR APPLIED=0.999736 (1/000264).
- ALL NORTHING-EASTING COORDINATES ARE AT SEA LEVEL.

**ROAD AND SIDEWALK NOTES (RSN):**

- THE LOCATION OF ALL EXISTING INFRASTRUCTURE (HORIZONTAL AND VERTICAL) TO BE CONFIRMED IN THE FIELD BEFORE CONSTRUCTION BEGINS.
- ALL EXISTING ROADS ARE OPERATIONAL AND MUST BE MAINTAINED AS SUCH DURING CONSTRUCTION OR SUITABLE ALTERNATE ACCESS CONDITIONS PROVIDED.
- NO BACK-SLOPING PERMITTED ON ANY ADJACENT PROPERTY WITHOUT WRITTEN CONSENT FROM THE ASSOCIATED LAND OWNER.
- DEPRESSED CURB REQUIRED AT ALL CMB LOCATIONS NOT ADJACENT TO A SIDEWALK.
- ALL PAVEMENT STRUCTURE CONDITIONS ARE AS PER THE RELATED PAVEMENT STRUCTURE DESIGNS PREPARED BY THE GEOTECHNICAL ENGINEER.
- ALL PUBLIC OPEN SPACE (MRI) AND BOULEVARD/MEDIAN LANDSCAPE DESIGN FEATURES TO BE SUBMITTED UNDER SEPARATE COVER.
- ALL EXISTING SURFACE FEATURES SHOWN ARE PART OF THE OTHER SCOPE OF DEVELOPMENT AND INCLUDED IN SEPARATE DRAWING SUBMISSION SETS.
- SWALE DRAINAGE CROSSING AS PER C.O.C SPEC 454.1013.015 FOR SEPARATE WALK OR REGIONAL PATHWAY AND 454.1013.016 FOR MONOLITHIC WALK.
- SIDEWALK CROSSING AS PER C.O.C SPEC 454.1013.005 FOR MONOLITHIC WALK AND 454.1013.004 FOR SEPARATE WALK.
- CONCRETE SWALES SHALL BE LOCATED ON PRIVATE PROPERTY.
- ALL FENCES AND THEIR ASSOCIATED COMPONENTS SHALL BE LOCATED ON PRIVATE PROPERTY.
- WOOD SCREEN FENCE AS PER C.O.C SPEC 454.1001.038 AND POST AND CABLE FENCE AS PER C.O.C SPEC 454.1001.013.
- ALL ROAD CROSS SECTIONS AS PER CITY OF CALGARY DESIGN GUIDELINES FOR SUBDIVISION SERVICING 2014 OR APPROVED OUTLINE PLAN.

NAD 83 COORDINATES

**ISSUED FOR PRELIMINARY APPROVAL**

0	ISSUED FOR PRELIMINARY APPROVAL	2018-11-14	RCM	RG
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NO.	DESCRIPTION	DATE	BY	APPD

PERMIT SEAL

DESIGNED	RCM	DATE	2018-07-09
DRAWN	LH	DATE	2018-07-09
CHECKED	RG	DATE	2018-09-01

DEVELOPER'S LOGO

**PROJECT**

**THE CITY OF CALGARY  
CONSTRUCTION DRAFTING STANDARDS  
AND TEMPLATES**

SEC: 22 - TWP: 22 - RGE: 01 - W 5th M

**SHEET TITLE**

**SUBDIVISION  
SURFACE IMPROVEMENTS  
SAMPLE SHEET**

FILE NO. 12345678C-103.dwg	ENG DWG NO.	
SHEET ID. <b>C-103</b>	SHEET NO. <b>005</b>	
BY	DATE	PROFILE NO.

THIS DRAWING SAMPLE IS INTENDED TO ILLUSTRATE THE NEW CAD STANDARDS AND ARE FOR REFERENCE PURPOSES ONLY. PLEASE CONFIRM WITH YOUR APPROPRIATE CITY OF CALGARY CONTACT FOR SPECIFIC CONTENT REQUIREMENTS.

ISC: SHEET SIZE ANSI D 25 mm