



Do not scale drawing

- It is the responsibility of the appropriate Contractor to check and verify all dimensions on site and report all
- errors and/or omissions to the Architect or Engineer It is the responsibility of the appropriate Contractor to comply with all Codes and Regulations applicable to the performance of their work.
- All Drawings and Specifications are instruments of service and are the property of the Architect or Engineer. This Drawing is the Copyright of STEPHENS KOZAK ACI ARCHITECTS AND PLANNERS or the Consultant named on this Drawing as at the date shown and may not be used or reproduced in whole or in part without the express written consent of the Architect or Engineer.

* All dimensions are in mm unless noted otherwise. GRADING REQUIREMENTS ENSURE THAT UNSUITABLE MATERIALS & TOPSOIL, INCLUDING WEEDS, HAVE

BEEN REMOVED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER. ALL SUCH REMAINING MATERIALS SHALL BE DISPOSED OFF-SITE PRIOR TO INITIATING FURTHER EARTHWORKS. THIS INCLUDES THE EXISTING GRAVEL PAD AND LANEWAY IN THE SITE. 2. THE GEOTECHNICAL ENGINEER SHALL APPROVE THE SUBGRADE PRIOR TO PLACEMENT OF ANY FILL MATERIALS. 3. IMPORTED CLAY AND FILL MATERIALS MUST BE APPROVED BY THE

GEOTECHNICAL ENGINEER. 4. GENERAL FILL UNDER PAVED ROADWAYS AND SIDEWALKS SHALL BE COMPACTED IN 150mm LIFTS TO A MINIMUM OF 98% S.P.D. WITHIN 2% OF OPTIMUM MOISTURE CONTENT. 5. GENERAL FILL UNDER LANDSCAPE AREAS SHALL BE COMPACTED IN 150mm LIFTS TO A MINIMUM OF 95% S.P.D. WITHIN 2% OF OPTIMUM MOISTURE

6. THE CONTRACTOR IS RESPONSIBLE FOR THE IMPORT OF SUITABLE FILL MATERIALS, IF NECESSARY, AND DISPOSAL OF EXCESS MATERIALS OFF-SITE. 7. BASED ON SURVEY CONDUCTED BY CICON ENGINEERING. IN MAY 2017. ELEVATIONS ARE DERIVED FROM ASCM 240911. 8. ALL GRADES ARE TO THE LIP OF GUTTER FOR ALL CONCRETE SWALES, STRAIGHT FACED CURB & GUTTER, AND LOW PROFILE CURB & GUTTER. ALL

GRADES ON THE PLAN FOR BARRIER CURB ARE TO THE FACE OF CURB/FINISHED ASPHALT. 9. PLACE WICK DRAIN ALONG ASPHALT SWALES OR CURB & GUTTER AS SHOWN ON DRAWING C1.1, APPROXIMATELY 250m. TO HANG MINIMUM 500mm INTO

CATCHBASIN/CATCBASHIN MANHOLE AND PLACED ON THE FINAL SUBGRADE. . REINFORCING REQUIREMENTS FOR CONCRETE SIDEWALKS SHALL CONSIST OF 10M REBAR, 750 O.C. FOR SIDEWALKS UP TO 2.0m WIDE. FOR LARGER SIDEWALK AND ENTRY AREAS REINFORCING SHALL INCREASE TO 10M REBAR,

2.0% AWAY FROM THE BUILDING. 3. CONCRETE SIDEWALKS AND LARGE CONCRETE PLAZAS SHALL CONSIST OF 125mm DEPTH OF CONCRETE ON 100mm DEPTH OF 3-20A CRUSHED GRAVEL AND 150mm DEPTH OF COMPACTED SUBGRADE. 4. ALL STRUCTURAL STOOPS GRADED PER CIVIL. 5. SAWCUTS AND CONCRETE FINISHES FOR LARGE CONCRETE PLAZAS TO BE

CONSTRUCTED PER ARCHITECTURAL DRAWINGS. 6. ALL MONOWALK WITH CURB TO BE POURED MONOLITHICALLY. 7. PLACE EXPANSION MATERIAL WHERE THE SIDEWALK/PLAZA INTERFACES WITH ANY BUILDING OR STRUCTURAL ELEMENTS (EXCLUDING STRUCTURAL

STOOPS), WHICH INCLUDES STREET LIGHTS, BUILDING BRICK ANGLES, BUILDING EDGES, PLUG-IN-POSTS, TRANSFORMER POSTS/PADS, ETC. LEGEND: PROPOSED

	EDGE OF ASPHALT	EOA
BC	_ BARRIER CURB	
<u>SFCG</u>	STRAIGHT FACE	=======
	CURB & GUTTER ====	
	PROPERTY LINE ————————————————————————————————————	
-0-0-0-0-0-0-0		- x x
	· - GRADING EXTENTS	
	OVERHEAD POWER —	—— OH———
	0.222	
	WATER VALVE	
	FIRE HYDRANT	
	MANHOLE/	
	CATCHBASIN MANHOLE	
\	STREET LIGHT	
	POWER POLE	• PP
◀	BUILDING ENTRANCE	
	TREE/SHRUB	
2.0%	MINOR DRAINAGE	
+48.27	DESIGN ELEVATION	+ (05.15)

MAJOR DRAINAGE > MAXIMUM PONDING LIMIT ORIGINAL GROUND CONTOURS

BOREHOLE LOCATION



No.	Description	Date	Ву
4	ISSUED FOR OFFSITE GRADING	SEP 13, 18	TAZ
6	ISSUED FOR REV. SOUTH GRADING	SEP 24, 18	TAZ
6	ISSUED FOR 99% REVIEW	OCT 1, 18	TAZ
7	ISSUED FOR TENDER	Jan 9,19	TAZ
6	ISSUED FOR 99% REVIEW	OCT 1, 18	TA

Geologists and Geophysicists of Alberta

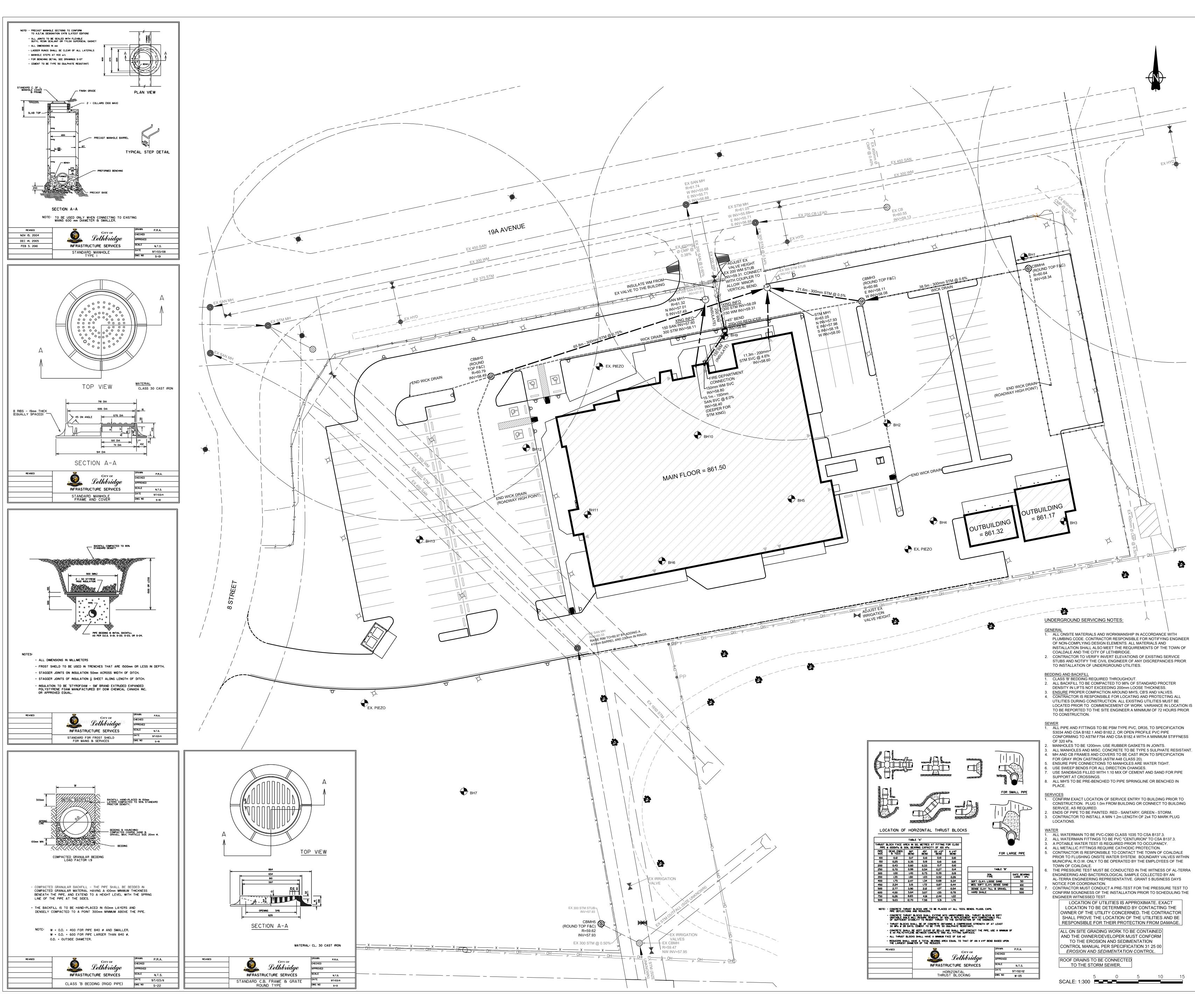
Government Gouvernement of Canada du Canada

SERVICES BUILDING

Scale	1: 300	Designed By	TAZ
Project No.	8126	Drawn By	TAZ
Date	2018 NOV 30	Checked By	GWT
Drawina			

DRAINAGE PLAN







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EXISTING ____EOA____ EDGE OF ASPHALT_ __ BARRIER CURB

STRAIGHT FACE _____ **CURB & GUTTER** EASEMENT

OVERHEAD POWER-

INSULATION ----- WICK DRAIN

WATER VALVE FIRE HYDRANT MANHOLE/

CATCHBASIN MANHOLE STREET LIGHT POWER POLE

BUILDING ENTRANCE TRANSFORMER

BOREHOLE LOCATION

Al-Terra

Issues/Revisions No. Description 2 ISSUED FOR 75% DESIGN REVIEW JUNE 26, 18 TAZ ISSUED FOR REV. SOUTH GRADING SEP 24, 18

5 | ISSUED FOR TENDER Jan 9, 19 TAZ PERMIT TO PRACTICE

OCT 1, 18 TAZ

Date JANUARY 09, 2019 PERMIT NUMBER: P 2104 The Association of Professional Engineers, Geologists and Geophysicists of Alberta

4 ISSUED FOR 99% REVIEW

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Project SERVICES BUILDING

Designed By TAZ Scale 1: 300 Project No. 8126 Date 2018 NOV 30 Checked By GWT

Drawing Title UNDERGROUND SERVICING PLAN