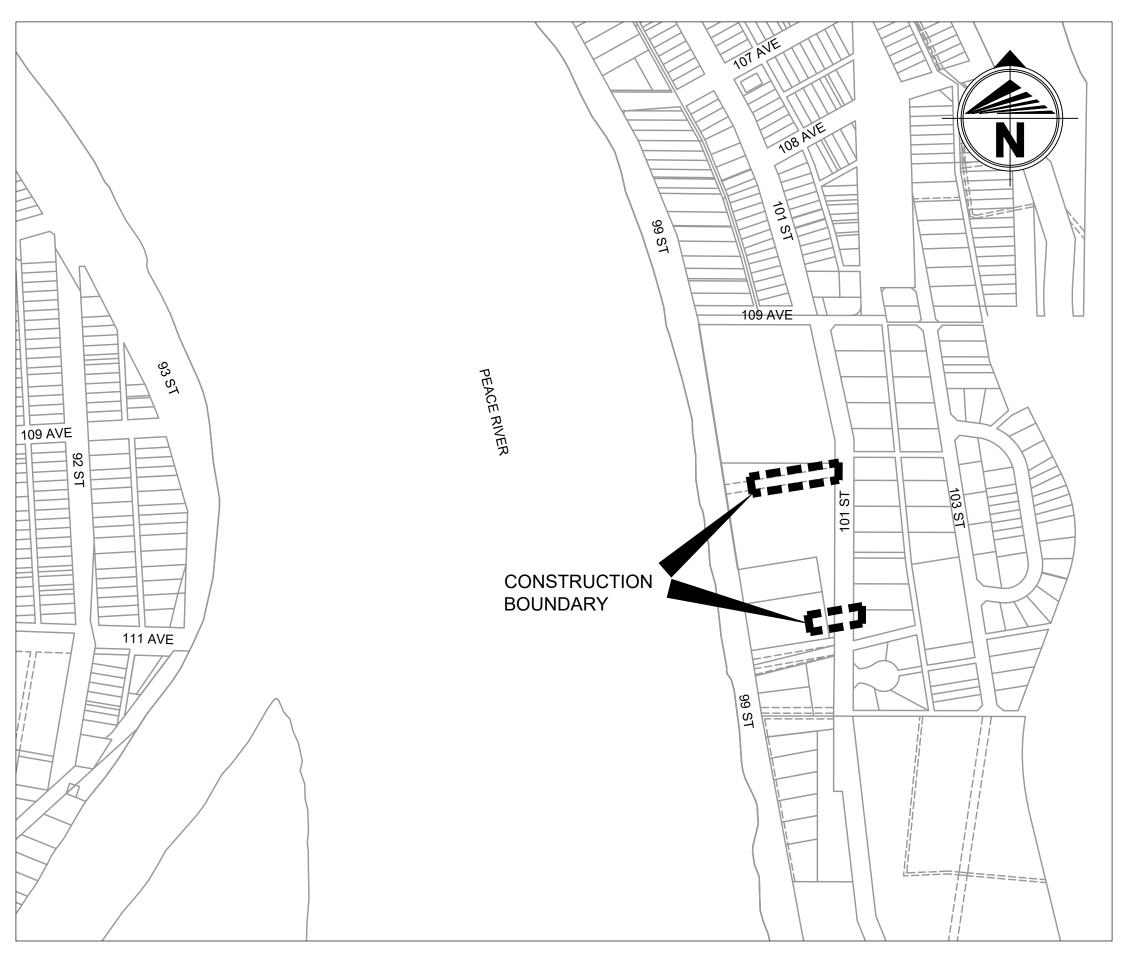


TOWN OF PEACE RIVER PEACE RIVER 101 Street Storm Sewer 2022 Docide Drawings 2023 Design Drawings

NOT FOR CONSTRUCTION



SITE PLAN Scale 1:4000

Developer:	TOWN OF PEACE RIVER		
Consultant	BEAIRSTO & ASSOCIATES ENGINEERING LTD.		
Undergroui	nd:		
Road Works:			
Start Date:			
Completion	Date:		
No. of Lots	: - No. of Drawings: 7		

REVISIONS		
#	COMMENTS	DATE
1	FOR DISCUSSION PURPOSES ONLY	July 14, 2023
2	ISSUED FOR REVIEW	Aug 11, 2023
3	ISSUED FOR TENDER	Aug 18, 2023
4	ISSUED FOR TENDER - REV. 1	Aug 29, 2023
5		
6		
	1 2 3 4 5	# COMMENTS 1 FOR DISCUSSION PURPOSES ONLY 2 ISSUED FOR REVIEW 3 ISSUED FOR TENDER 4 ISSUED FOR TENDER - REV. 1 5



LIST OF DRAWINGS

CO-01 COVER SHEET G-01 DRAWING SET INFORMATION

OVERALL CONSTRUCTION PLANS

EX-01 EXISTING SITE PLAN OU-01 OVERALL UTILITIES SR-01 WASHOUT REPAIR

PLAN AND PROFILES

PP-01 STORM LINE PLAN AND PROFILE

DETAILS

DT-01 DETAILS

ABBREVIATIONS AGGREGATE BASE ASPHALTIC CONCRETE PAVEMENT ACP APPROX APPROXIMATE AQUATERA ALBERTA TRANSPORTATION AVE **AVENUE** BEGINNING OF CURVE BLVD BOULEVARD BEGINNING OF PLAN/PROFILE BOP CB CATCH BASIN CATCH BASIN MANHOLE CAST IRON CAST IRON PIPE CENTERLINE CONC CONCRETE CORRUGATED STEEL PIPE CUBIC YARD C/W COMPLETE WITH DESC DESCRIPTION DIAMETER DUCTILE IRON PIPE END OF CURVE ELEVATION EOP END OF PLAN/PROFILE

HYD **HYDRANT** IDENTIFICATION INVERT MAXIMUM MANHOLE MINIMUM MONO MONOLITHIC NORTH NTS NOT TO SCALE NUMBER OUTSIDE DIAMETER

FIRE HYDRANT

FRAME AND COVER

GRANULAR BASE COURSE

F&C

GBC

POINT OF CURVATURE PCC POINT OF COMPOUND CURVATURE PROPOSED POINT OF TANGENCY

POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION RCP REINFORCED CONCRETE PIPE

RADIUS POINT REVISION RGS RIGID STEEL ROAD SOUTH SALVAGE SANITARY

SHEET STA STATION STM STORM STREET

TURF REINFORCEMENT MATTING TYP

VIDEO INSPECTION RISER

WTM WATERMAIN

VIR

LINETYPE & SYMBOLS

FENCE - CHAINLINK

SPOT ELEVATIONS

FENCE - WOOD

FENCE - SILT

CONTOURS

BOREHOLE

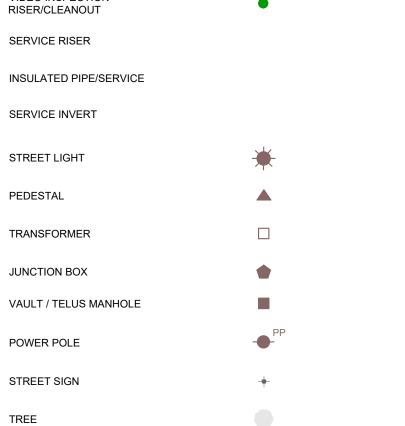
SIDEWALK RAMP

SIDEWALK RAMP TYPE

PROPOSED **EXISTING** SANITARY WATER STORM —— P —— P —— P —— **POWER OVERHEAD POWER** —— OH ——— OH ——— GAS — G — G — G — G — HIGH PRESSURE GAS ——TELUS ——— SNT3L—— **TELUS** ———TELUS ——— SUJJI——— DUCT -----TELUS - FIBRE OPTIK _____F0 CITY - FIBRE OPTIK ____c ___c ___c ___ COMMUNICATIONS —___c ____c ____c ___ DITCH - BACKSLOPE DITCH - CENTERLINE DITCH - TOE ---->---->---- **SWALE** UTILITY LOT BARRIER -x--x--x--x--x--x--**FENCE** -x-x-x-x-x-x-x-FENCE - BOLLARD 0 0 0 0 0 0 0 0 0 0 0

——sr ———sr —— ———765.00——— 765.00 DISTURBED GROUND EXTENTS × 678.123 \times 678.123

ROADWAY BARRICADE		
MANHOLE / CATCHBASIN	• •	00
IYDRANT	•	•
MAIN WATER VALVE	€	8
IR RELEASE VALVE	\otimes^{AR}	⊗ ^{AR}
SERVICE WATER VALVE	₩.	\bowtie
SLOW-OFF VALVE	6	d
IDEO INSPECTION SISER/CLEANOUT	CO	Oco
ERVICE RISER		SR 0.40m
NSULATED PIPE/SERVICE		



MATERIALS KEY

CONCRETE

GRAVEL

BRICK

EXISTING

ASPHALT

FULL DEPTH RECLAMATION (FDR)

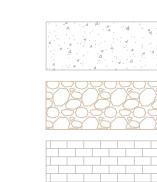
FULL RECONSTRUCTION

ACP OVERLAY

CONCRETE SPOT REPLACEMENT

LANDSCAPE AREA





PROPOSED

NOTES

GENERAL

- 1. ONLY "ISSUED FOR CONSTRUCTION" DRAWINGS ONCE SIGNED AND SEALED CAN BE USED FOR CONSTRUCTION.
- 2. DRAWINGS ARE NOT TO BE SCALED FOR DETAILED MEASUREMENTS.
- 3. VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES OR OMISSIONS TO THE DESIGNER IMMEDIATELY.
- 4. INFORMATION ON THIS DRAWING WHICH PERTAINS TO EXISTING STRUCTURES MAY BE INCOMPLETE OR IN ERROR. THE CONTRACTOR SHALL VERIFY ALL SUCH INFORMATION PRIOR TO THE START OF CONSTRUCTION.
- 5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF PEACE RIVER MINIMUM DESIGN STANDARDS (2015) AND CITY OF GRANDE PRAIRIE DESIGN/CONSTRUCTION MANUAL (2022) UNLESS OTHERWISE
- 6. THE CONTRACTOR SHALL HAVE ALL ABOVE GROUND AND UNDERGROUND UTILITIES AND PIPELINES LOCATED

STORM NOTES

- 1. BACKFILL IS TO BE COMPACTED NATIVE 100% SPD ON CLASS B-1 SAND BEDDING UNLESS OTHERWISE NOTED. (300mm LIFTS PARALLEL TO CURBS, 150mm LIFTS PERPENDICULAR TO CURBS) IF WATER TABLE ENCOUNTERED. USED WASHED ROCK AS OPPOSED TO SAND. GRADATION OF WASHED ROCK TO BE APPROVED BY ENGINEER.
- 2. ALL STORM SEWER MAINS TO BE VIDEO INSPECTED USING SIMULATED FLOW.
- 3. MANHOLE RIM ELEVATIONS ARE DESIGN ELEVATIONS, THE CONTRACTOR IS TO CONFIRM ELEVATIONS WITH THE ENGINEER BEFORE INSTALLATION.
- 4. REFER TO THE TABLE ON MO-01 FOR MANHOLE BARREL SIZES AND FRAME AND COVER TYPES.
- 5. ALL INSULATED STORM SEWER TO BE PRE-INSULATED URECON OR EQUIVALENT.
- 6. ALL CATCHBASINS AND CATCHBASIN MANHOLES TO HAVE 600mm SUMPS.
- 7. ALL MANHOLES, CATCHBASINS AND CATCHBASIN MANHOLES REQUIRING LADDER RUNGS WITHIN ROAD TOP TO HAVE RUNGS PLACED SO USER FACES ONCOMING TRAFFIC.
- 8. ALL EXISTING TOWN OF PEACE RIVER INFRASTRUCTURE REQUIRING ADJUSTMENT TO NEW GRADES TO BE COMPLETED AS PER TOWN OF PEACE RIVER GENERAL MUNICIPAL SERVICING STANDARDS (2009) AND WILL ALSO
- 9. ALL WORK TO BE COMPLETED TO TOWN OF PEACE RIVER GENERAL MUNICIPAL SERVICING STANDARDS (2009). CONSTRUCTION DETAILS AND REQUIREMENTS TO BE FOLLOWED AS PER MANUAL.

SHALLOW UTILITY NOTES

1. THE KNOWN COMPANIES, OWNERS AND OPERATORS WITH UTILITIES IN OR NEAR THE CONSTRUCTION BOUNDARY INCLUDE:

ATCO GAS: 1-780-624-4602 TOLL FREE: 1-888-420-3464 EMERGENCY: 1-877-496-9380

ATCO ELECTRIC: 1-800-662-2248 EMERGENCY: 1-800-668-5506

TELUS COMMUNICATIONS: 1-780-310-CUTS HIT TELUS LINE: 1-780-310-2887 AB ONE CALL: 1-800-272-3447

EASTLINK: 1-888-345-1111

TOWN OF PEACE RIVER: (DEVIN BRAUN) 1-780-624-3085

2. ADJUSTMENT OF UTILITIES MAY OCCUR CONCURRENTLY WITH THE PROPOSED CONSTRUCTION. DEPENDANT ON THE MAGNITUDE AND DEGREE OF ADJUSTMENTS REQUIRED. THE WORK MAY NOT BE COMPLETED UNTIL THE LATER STAGES OF CONSTRUCTION OPERATIONS. IN THAT EVENT, THE CONTRACTOR SHALL BE REQUIRED TO ARRANGE THEIR OPERATION CLEAR OF THOSE UTILITIES UNTIL THE ADJUSTMENTS ARE COMPLETE.

3. THE CONTRACTOR SHALL ENSURE THAT ALL SHALLOW UTILITIES ARE PROTECTED AND/OR RESTORED AS PER THE DIRECTION OF THE SHALLOW UTILITY COMPANIES. AS SUCH, THE CONTRACTOR IS REQUIRED TO WORK CLOSELY WITH THE SHALLOW UTILITY COMPANIES THROUGHOUT THE PROJECT.

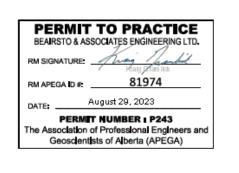
4. ENSURE ALL CONDUITS PLACED AT ROAD CROSSINGS HAVE A MINIMUM OF 1.00m COVER BELOW THE LOWEST GUTTER LINE AND ARE EXTENDED 1.5m BEHIND CONCRETE.

 Grande Prairie ● Calgary ● Canmore ● Edmonton ● P: 780 532 4919 www.baseng.ca



eairsto&

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	FOR DISCUSSION PURPOSES ONLY	July 14, '23	
EQUINOLOGICA / TEQUINIQUAN . T. D / M. L			

TECHNOLOGIST / TECHNICIAN: T. Beer / M. Lazaruk DESIGNER: K. Gramlick, P. Eng. REVIEWED BY: RESPONSIBLE ENGINEER: K. Gramlick, P. Eng. SCALE:

PROJECT NO. 20GEME6067

TOWN OF PEACE RIVER 101 STREET STORM SEWER

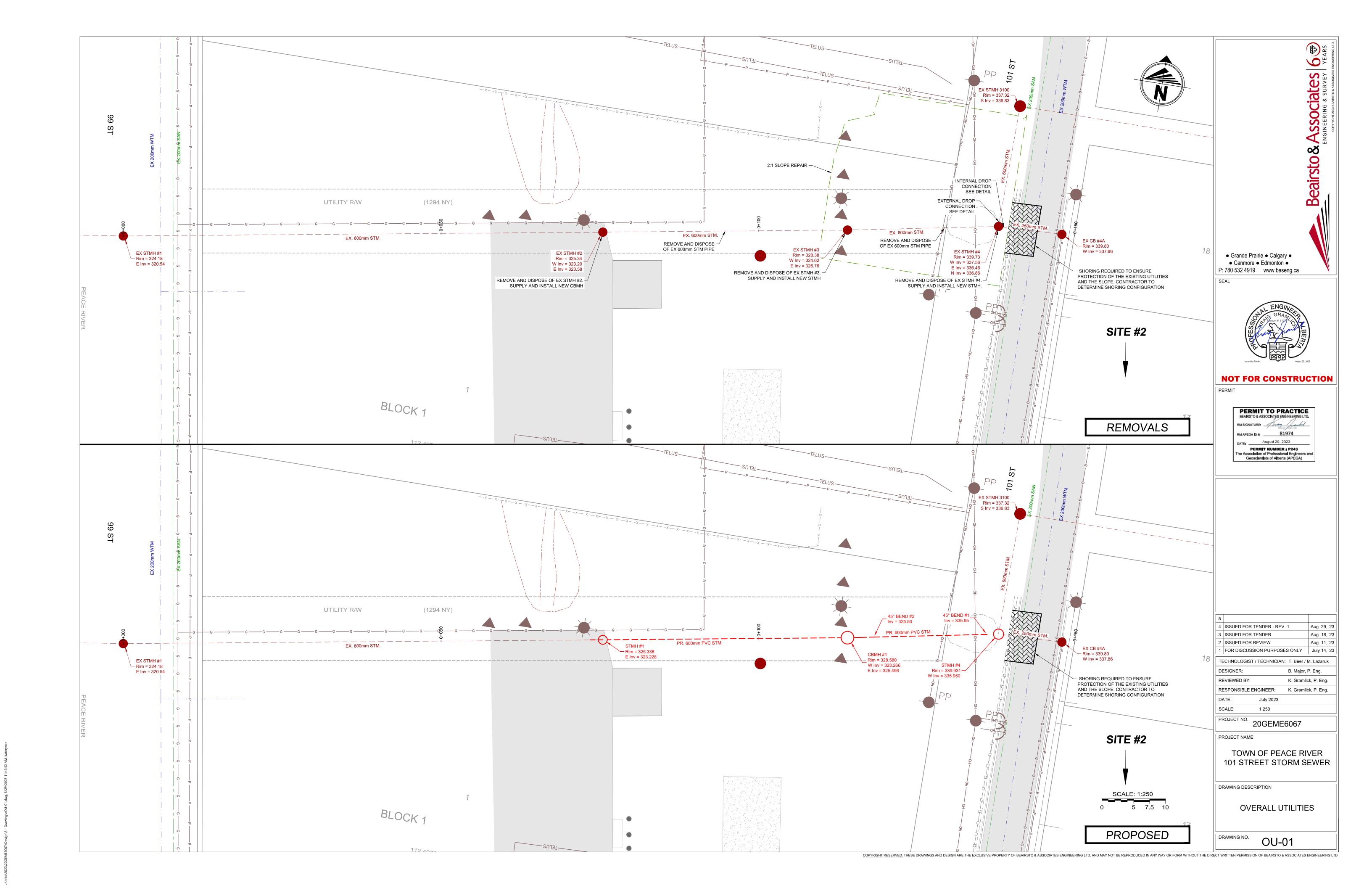
DRAWING DESCRIPTION

PROJECT NAME

DRAWING SET INFORMATION

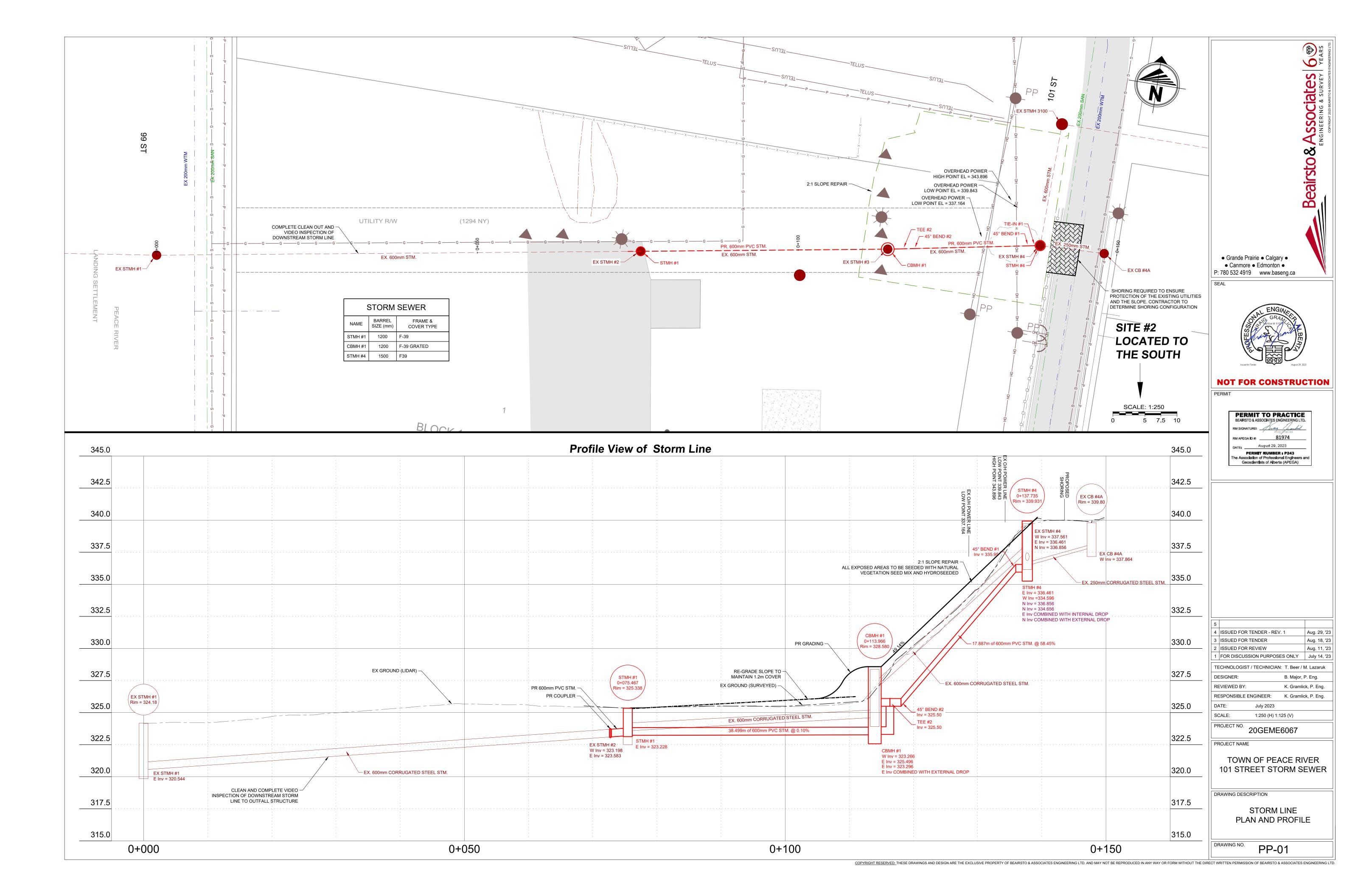
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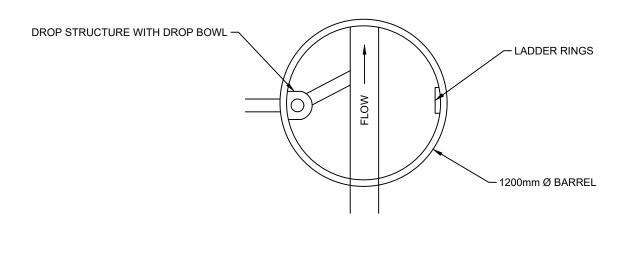




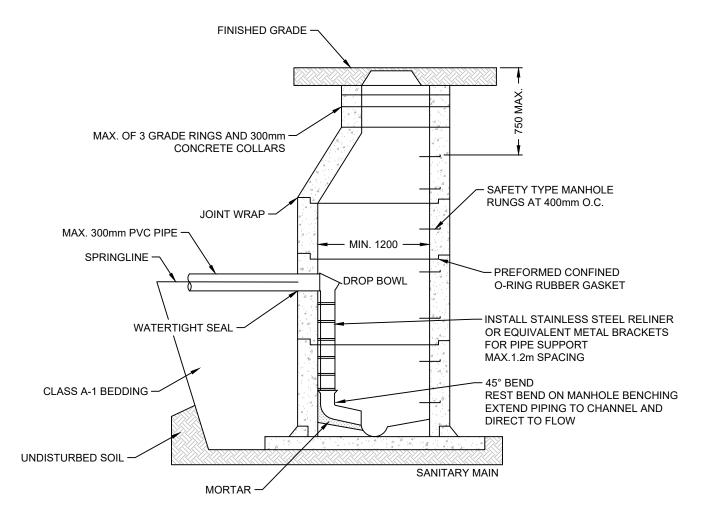
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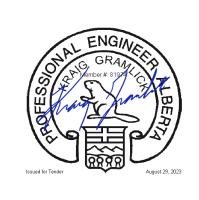


TOP VIEW



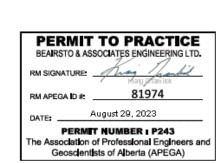
PRECAST INTERNAL DROP MANHOLE

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Beairsto & Associates 6

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4 ISSUED FOR TENDER - REV. 1 Aug. 29, '23 3 ISSUED FOR TENDER Aug. 18, '23 2 ISSUED FOR REVIEW Aug. 11, '23 1 FOR DISCUSSION PURPOSES ONLY July 14, '23

TECHNOLOGIST / TECHNICIAN: T. Beer / M. Lazaruk B. Major, P. Eng. DESIGNER: REVIEWED BY: K. Gramlick, P. Eng. RESPONSIBLE ENGINEER: K. Gramlick, P. Eng.

SCALE: N.T.S. PROJECT NO. 20GEME6067

PROJECT NAME

TOWN OF PEACE RIVER 101 STREET STORM SEWER

DRAWING DESCRIPTION

DETAILS

DRAWING NO.

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