



ASPHALT OVERLAY AND SIDEWALK REPLACEMENTS 2023 ISSUED FOR TENDER

DRAWING LIST		
SHEET NO.	TITLE	REV. No.
G01	LEGEND AND NOTES	0
C01	OVERALL SITE LOCATIONS	0
C02	91 STREET - EXISTING SITE PLAN & REMOVALS	0
C03	91 STREET - DESIGN PLAN & PROFILE	0
C04	MISCELLANEOUS SITES - ASPHALT & CONCRETE WORK	0
C05	MISCELLANEOUS SITES - ASPHALT & CONCRETE WORK	0
D01	TYPICAL DETAILS	0

Rev	Date	Description	Drawn	Design	App'd
0	2023-07-27	ISSUED FOR TENDER	MS	MS	JW



McElhanney ANS D - 2021-12-08
DATE: 2023-07-28 08:45 FILE: D:\00611-09\00 DRAWINGS\03.1 Sheets\G01 - LEGEND.dwg
McElhanney ANS D - 2021-12-08

SURVEY

FOUND	SET
ANGLE IRON	
ALUMINUM POST	
NON-STANDARD IRON PIN	
OLD DOMINION IRON PIN	
BENCHMARK	
BEARING TREE	
CAPPED POST	
IRON PIN	
LEAD PLUG	
MONUMENT	
PCON	
PROCK	
WOOD POST	
SURVEY CONTROL	

ROADS

	EXISTING	PROPOSED
ASPHALT		
CURB		
CONCRETE SIDEWALK		
CON ROADSIDE BARRIER		
CON MEDIAN BARRIER		
CON CURB & GUTTER REMOVAL		

SIGNAGE

EXISTING	PROPOSED
POLE MOUNTED SIGN	
TWO SIGNS ON POLE SIGN	
POST MOUNTED SIGN	
TWO SIGNS ON POST	
COMMERCIAL SIGN	
DELINEATOR POST	

SITE FEATURES

EXISTING	PROPOSED
PARKING METER	
FLAGPOLE	
MAILBOX	
BOLLARD	
TRAFFIC SIGNAL	
TRAFFIC COUNTER	
VENT	
CONIFEROUS TREE	
DECIDUOUS TREE	
SHRUB	
SWAMP / WET AREA	
UTILITY POLE - TYPE NOT SPECIFIED	
VALVE - TYPE NOT SPECIFIED	
MANHOLE - TYPE NOT SPECIFIED	
VAULT - TYPE NOT SPECIFIED	
UTILITY MARKER - TYPE NOT SPECIFIED	
BRIDGE	
SIDEWALK RAMP	
BOREHOLE LOCATION	
CHAIN LINK FENCE	
BARBED WIRE FENCE	
WOOD FENCE	
IRRIGATION PIPE	
CENTRELINE/CTRL LINE	

TOPOGRAPHY

	EXISTING	PROPOSED
TOP OF BANK / CUT		
BOTTOM OF BANK / TOE		
BREAKLINE		
TREELINE		
BUSH LINE		
PROFILE GRADE		

POWER

EXISTING	PROPOSED
POWER POLE	
POWER POLE WITH TRANSFORMER	
POWER POLE WITH PILASTER	
POWER - GUY POLE	
POWER - STIFFLEG POLE	
GUY ANCHOR	
TRANSMISSION TOWER	
POWER SERVICE BOX	
POWER JUNCTION BOX	
TRANSFORMER ON PAD	
POWER VAULT	
BURIED POWER LINE MARKER	
OVER HEAD WIRE	
BURIED CABLE	
DUCT BANK	
BURIED SERVICE	

LIGHTING

EXISTING	PROPOSED
JUNCTION BOX - LIGHTING	
7.62m STREET LAMP	
9.0m STREET LAMP	
DOUBLE STREET LAMP	
7.62m STREET LAMP WITH SERVICE BASE	
9.0m STREET LAMP WITH SERVICE BASE	
STREET LAMP WITH PATH LIGHTING	
STREET LAMP WITH PATH LIGHT & SERVICE BASE	
STREET LAMP DAVIT ON POLE	
POST TOP LAMP	
POST TOP LAMP WITH SERVICE BASE	
ORNAMENTAL LAMP	
YARD LAMP	
OVER HEAD WIRE	
BURIED CABLE	

COMMUNICATIONS

EXISTING	PROPOSED
BURIED TELEPHONE LINE MARKER	
TELEPHONE POLE	
TELEPHONE - VAULT	
GUY ANCHOR	
BURIED CABLEVISION MARKER	
OVERHEAD TELEPHONE WIRE	
BURIED PHONE CABLE	
BURIED FIBRE OPTIC	
TELEPHONE DUCT BANK	
BURIED PHONE SERVICE	
OVERHEAD CABLEVISION WIRE	
BURIED CABLEVISION	
CABLEVISION DUCT	

ALIGNMENT LABEL LEGEND

1+750.0 CONTROL LINE AND STATIONING

SANITARY

EXISTING	PROPOSED
SANITARY MANHOLE	
SANITARY INSPECTION CHAMBER	
SANITARY CLEANOUT	
FORCEMAIN INSPECTION CHAMBER	
SANITARY PUMP STATION	
SANITARY MAIN	
SANITARY FORCEMAIN	
SANITARY SERVICE	

STORM

EXISTING	PROPOSED/BY OTHERS
CULVERT END	
CULVERT MANHOLE	
CULVERT HEADWALL - WINGS	
CULVERT HEADWALL - STRAIGHT	
STORM MANHOLE	
COMBINATION MANHOLE	
STORM INSPECTION CHAMBER	
STORM CLEANOUT	
STORM WATER PUMP STATION	
CATCH BASIN - TOP INLET	
DOUBLE CATCH BASIN - TOP INLET	
CATCH BASIN - SIDE INLET	
DOUBLE CATCH BASIN - SIDE INLET	
CATCH BASIN MANHOLE	
LAWN BASIN	
SUMP	
STORM INLET HEADWALL - WINGS	
STORM INLET HEADWALL - STRAIGHT	
STORM MAIN	
STM MAIN (BY OTHERS)	
SERVICE CONNECTIONS	
FOOTING DRAIN	
DITCH CENTRELINE	
SWALE CENTRELINE	
ABANDON MAIN	

WATER

EXISTING	PROPOSED
AIR VENT	
CAP	
TEMPORARY BLOWOFF	
BLOWOFF W/ THRUST BLOCK	
HYDRANT	
STANDPIPE	
WATER VALVE	
CURB STOP VALVE	
WATER METER	
WATER MANHOLE	
WATER WELL	
BURIED WATER MAIN MARKER	
WATER MAIN	
WATER SERVICE	
FIRE SERVICE	
DOMESTIC SERVICE	

NATURAL GAS

EXISTING	PROPOSED
BURIED PIPE MARKER	
GAS VALVE	
UNDER GROUND PIPE	
ABOVE GROUND PIPE	

GENERAL CONSTRUCTION

NOTES:

- ALL DISTANCES AND ELEVATIONS ARE SHOWN IN METRES AND DECIMALS THEREOF, UNLESS SHOWN OTHERWISE.
- ELEVATIONS ARE GROUND LEVEL UNLESS OTHERWISE SHOWN. ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM CSRS-PPP. ALL COORDINATES IN UTM-11N NAD83 CSRS.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, UNLESS NOTED OTHERWISE.
- ALL SHALLOW UTILITY LINES AND STRUCTURE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED BY ALBERTA ONE CALL AND PRIVATE LOCATORS IF REQUIRED (AT CONTRACTORS EXPENSES) BEFORE CONSTRUCTION BEGINS. PLEASE CONTACT ALBERTA ONE CALL AT 1-800-242-3447.
- ALL DEEP MUNICIPAL UTILITY AND STRUCTURE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER BEFORE CONSTRUCTION BEGINS.
- ALL MANHOLE RIMS AND VALVES BOXES TO BE ADJUSTED TO FINISHED SURFACE ELEVATION AS REQUIRED.

SURFACE IMPROVEMENTS

LOC	
ASPHALT OVERLAY	
CONCRETE CURB	
FULL DEPTH ASPHALT REMOVAL	
CONCRETE SIDEWALK & DRIVEWAY	
GRAVEL DRIVEWAY	
ASPHALT DRIVEWAY	
SITE RESTORATION	
SPOT ELEVATION	
GRADE SLOPE	

ABBREVIATIONS

MISCELLANEOUS ABBREVIATIONS

AC ASBESTOS CEMENT	HP HIGH PRESSURE	RT RIGHT
ACP ASPHALT CONCRETE PAVEMENT	IB INBOUND	S## SPIRAL IDENTIFICATION
AT ALBERTA TRANSPORTATION	IGB INTERMEDIATE GRADED BASE	SAN SANITARY SEWER
BH BOREHOLE	IP INTERMEDIATE PRESSURE	SB SOUTHBOUND
BOC BACK OF CURB	L## LINE IDENTIFICATION	SBC SUB BASE COURSE
BOF BOTTOM OF FILL	LN LANE	SC SPIRAL TO CURVE POINT
BOW BACK OF WALK	LO LOW POINT	SGSB SELECT GRANULAR SUB BASE
BRK GRADE BREAK	LOC LIMIT OF CONTRACT	SHLD SHOULDER
BVC BEGINNING OF VERTICAL CURVE	LOG LIP OF GUTTER	SL STREETLIGHT
C## CURVE IDENTIFICATION	LT LEFT	SPCSP STRUCTURAL PLATE CORRUGATED STEEL PIPE
CB CATCH BASIN	MED MEDIAN	SS SPIRAL TO SPIRAL POINT
CBMH CATCH BASIN MANHOLE	MH MANHOLE	ST SPIRAL TO TANGENT POINT
CBL CABLE	MSE MECHANICALLY STABILIZED EARTH	STA STATION
CL CENTRE / CONTROL LINE	NB NORTHBOUND	START START OF ALIGNMENT
CON CONCRETE	NIC NOT IN CONTRACT	STD STANDARD
CP CONTROL POINT	OB OUTBOUND	STL STEEL
CSP CORRUGATED STEEL PIPE	PC POINT OF CURVATURE	STM STORM SEWER
CS CURVE TO SPIRAL POINT	PCBC PRE-CAST CONCRETE BOX CULVERT	SUP SUPER
C&G CURB AND GUTTER	PCC POINT OF COMPOUND CURVATURE	TC TANGENT TO CURVE POINT
CT CURVE TO TANGENT POINT	PCCP PORTLAND CEMENT CONCRETE PAVEMENT	TBC TOP OF CURB
D/W DRIVEWAY	PI POINT OF INTERSECTION	TOC TOP OF CUT
EB EAST BOUND	PL PROPERTY LINE	TR DUCTILE STEEL PIPE
EL ELEVATION	PP POWER POLE	TS TANGENT TO SPIRAL POINT
END END OF ALIGNMENT	PRC POINT OF REVERSE CURVATURE	TSL TRAFFIC SIGNAL
EOP EDGE OF PAVEMENT	PROP PROPOSED	TYP TYPICAL
EVC END OF VERTICAL CURVE	PT POINT OF TANGENCY	WAT WATER
EX EXISTING	PVC POLYVINYL CHLORIDE	WB WESTBOUND
FIB FIBRE OPTIC	PVI POINT OF VERTICAL INTERSECTION	WCR WHEEL CHAIR RAMP
FIP FOUND IRON PIN	R/W RIGHT OF WAY	WGB WELL GRADED BASE
FOC FACE OF CURB	REINF REINFORCEMENT	VCP VITRIFIED CLAY PIPE
GBC GRANULAR BASE COURSE	RF ROLLED FACE	
HI HIGH POINT		

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE FOR LABELING THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

McElhanney

9410 100 Street
Peace River AB
Canada T8S 1H7
T 780 624 1234

PERMIT TO PRACTICE
McELHANNEY LTD.
RMAPEGA ID # 62456
DATE: 2023-07-28
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

2023-07-28
Approved Sealed

Project Number
2131-00611-09

Rev.
0

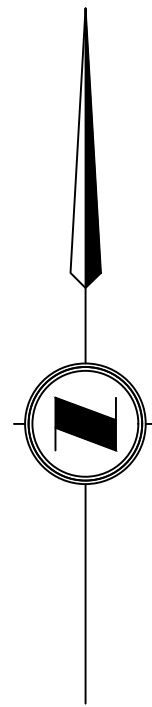
TOWN OF PEACE RIVER
9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

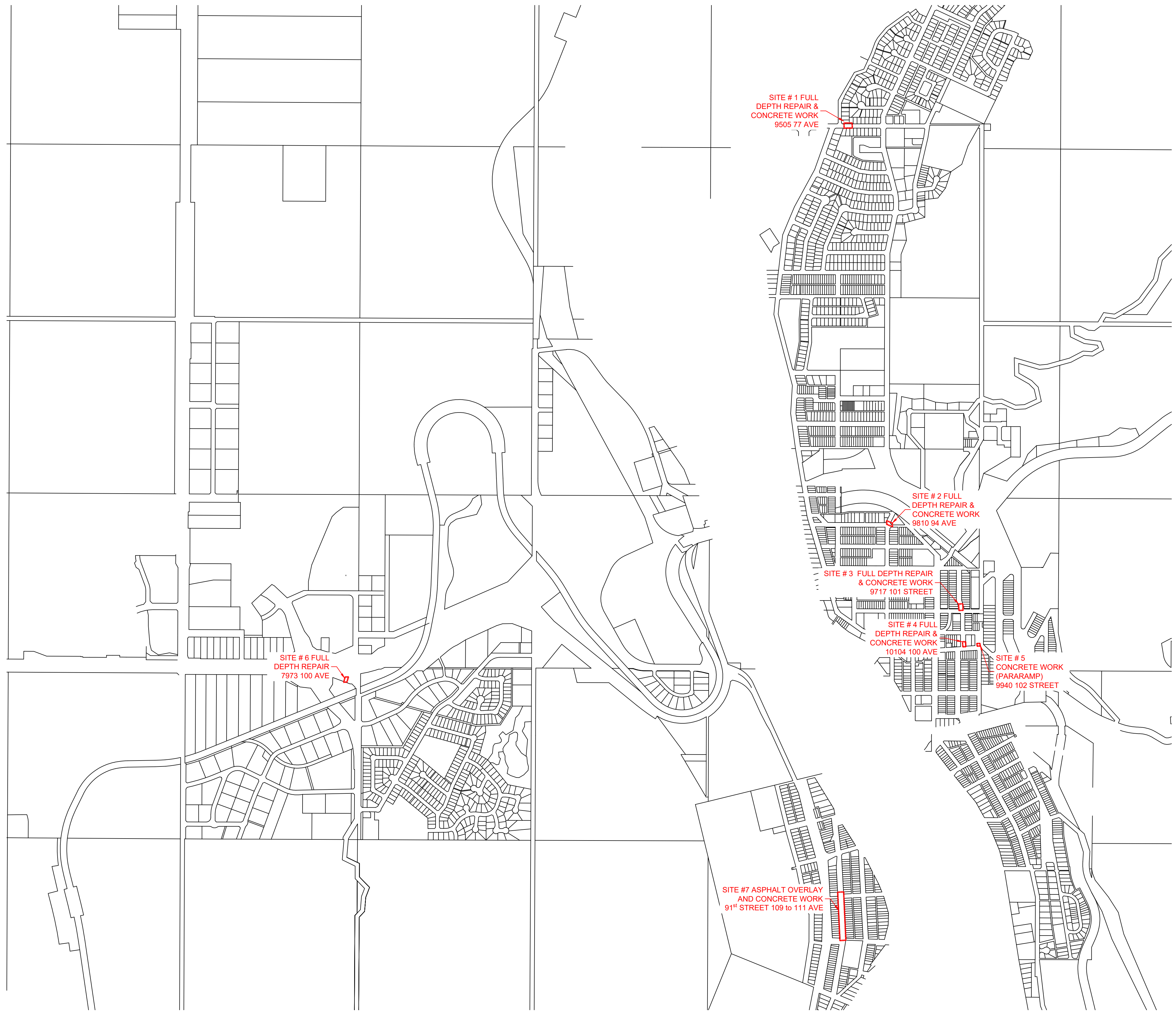
LEGEND AND NOTES

Drawing No.
G01

DESTROY ALL PRINTS BEARING PREVIOUS REVISION



SITE LOCATIONS			
SITE #	ADDRESS	TYPE	DWG REF.
1	9505 77 AVENUE	FULL DEPTH REPAIR & CONCRETE WORK	C-04
2	9810 94 AVENUE	FULL DEPTH REPAIR & CONCRETE WORK	C-04
3	9717 101 STREET	FULL DEPTH REPAIR & CONCRETE WORK	C-04
4	10104 100 AVENUE	FULL DEPTH REPAIR & CONCRETE WORK	C-04
5	9940 102 STREET	CONCRETE WORK	C-05
6	7913 100 AVENUE	FULL DEPTH REPAIR	C-05
7	91 ST STREET 109 to 111 AVE	ASPHALT OVERLAY & CONCRETE WORK	C-02 & C-03



Rev	Date	Description	Drawn	Design	App'd
0	2023-07-27	ISSUED FOR TENDER	MS	MS	JW

THIS DRAWING AND DESIGN IS THE PROPERTY OF MCELHANEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF MCELHANEY. MCELHANEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. MCELHANEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT MCELHANEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. MCELHANEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

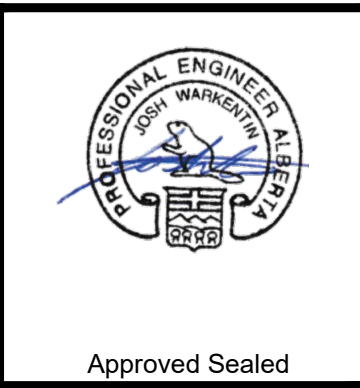


McElhanney

9410 100 Street
Peace River AB
Canada T8S 1H7
T 780 624 1234

**PERMIT TO PRACTICE
MCELHANEY LTD.**

PROFESSIONAL ENGINEER
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGGA)



TOWN OF PEACE RIVER
9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

OVERALL SITE LOCATIONS

Drawing No.
C01

Project Number
2131-00611-09

Rev.
0



THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

0 1:500 25

ORIGINAL DWG SIZE: ANSI D (22" x 34")

McElhanney

9410 100 Street
Peace River AB
Canada T8S 1H7
T 780 624 1234

PERMIT TO PRACTICE
McELHANNEY LTD.

RM SIGNATURE: [Signature]

RM APEGA ID #: 62450

DATE: 2023-07-28

PERMIT NUMBER: P006383

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

PROFESSIONAL ENGINEER
ALBERTA

Approved Sealed

TOWN OF PEACE RIVER
9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

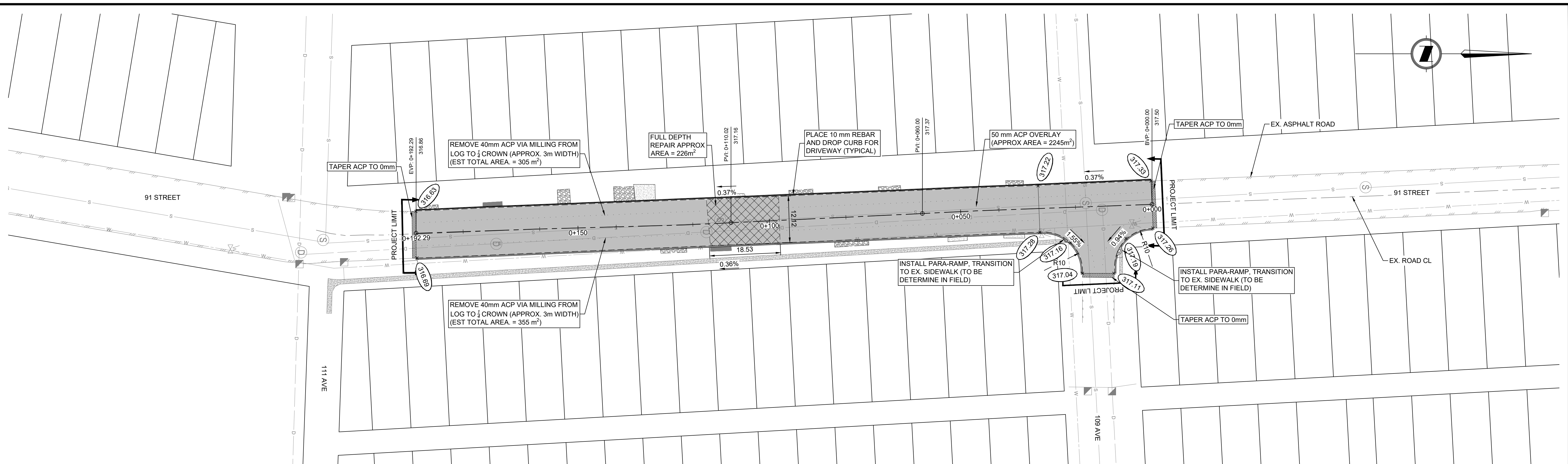
91 STREET

EXISTING SITE PLAN & REMOVALS

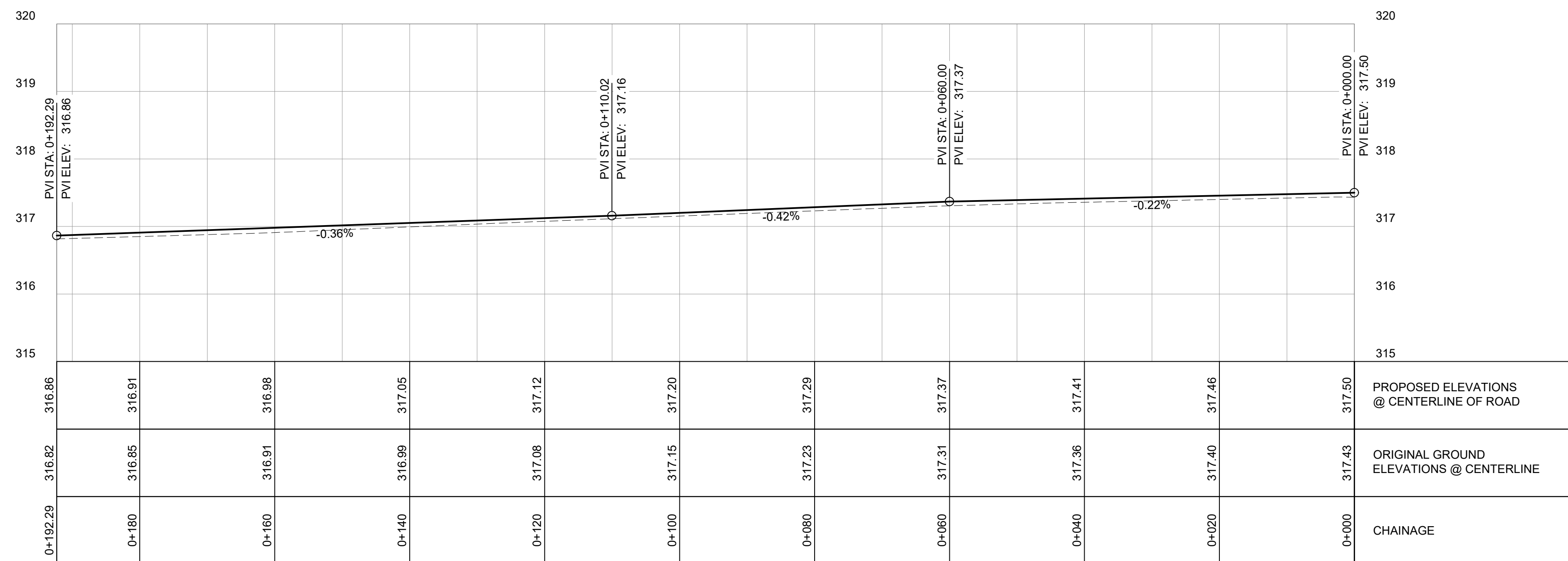
Drawing No. **C02**

Project Number 2131-00611-09

Rev. 0



ALIGNMENT: 91 STREET - CL - OG
 PROFILE VIEW: 91 STREET - CL - OG
 H 1:500
 V 1:50

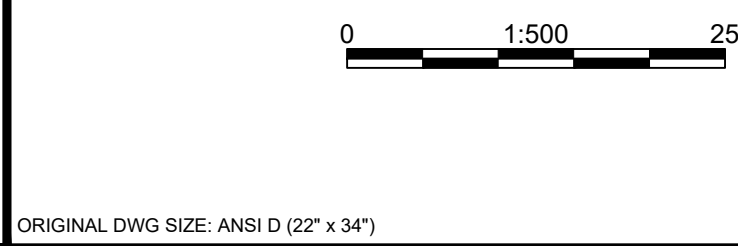


Rev	Date	Description	Drawn	Design	App'd
0	2023-07-27	ISSUED FOR TENDER	MS	MS	JW

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



McElhanney

9410 100 Street
 Peace River AB
 Canada T8S 1H7
 T 780 624 1234

PERMIT TO PRACTICE
 McELHANNEY LTD.

RM SIGNATURE: [Signature]
 RM APEGA ID #: 62450
 DATE: 2023-07-28
 PERMIT NUMBER: P006383
 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

APPROVED SEALED

TOWN OF PEACE RIVER
 9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

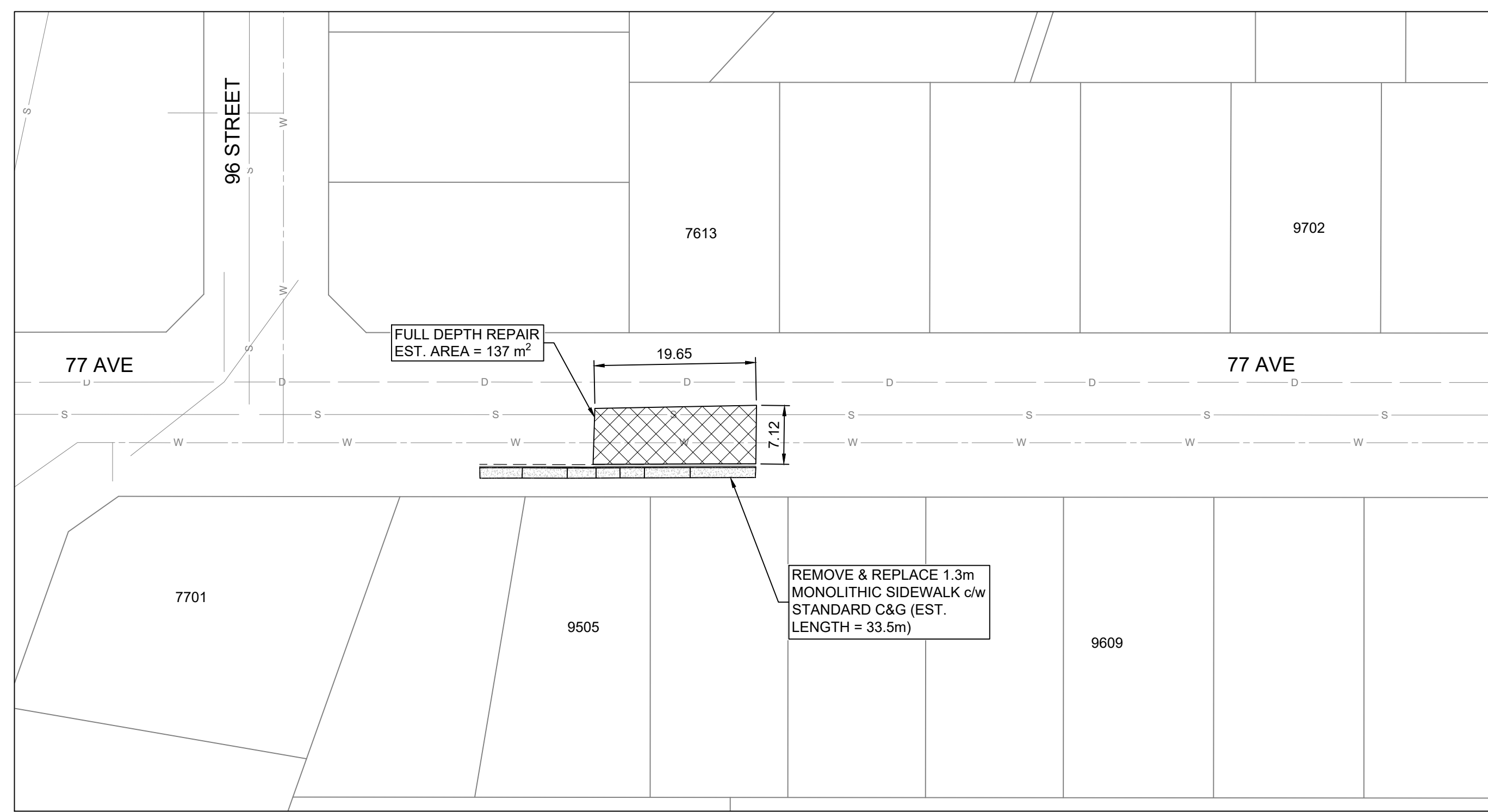
ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

91 STREET
 DESIGN PLAN & PROFILE

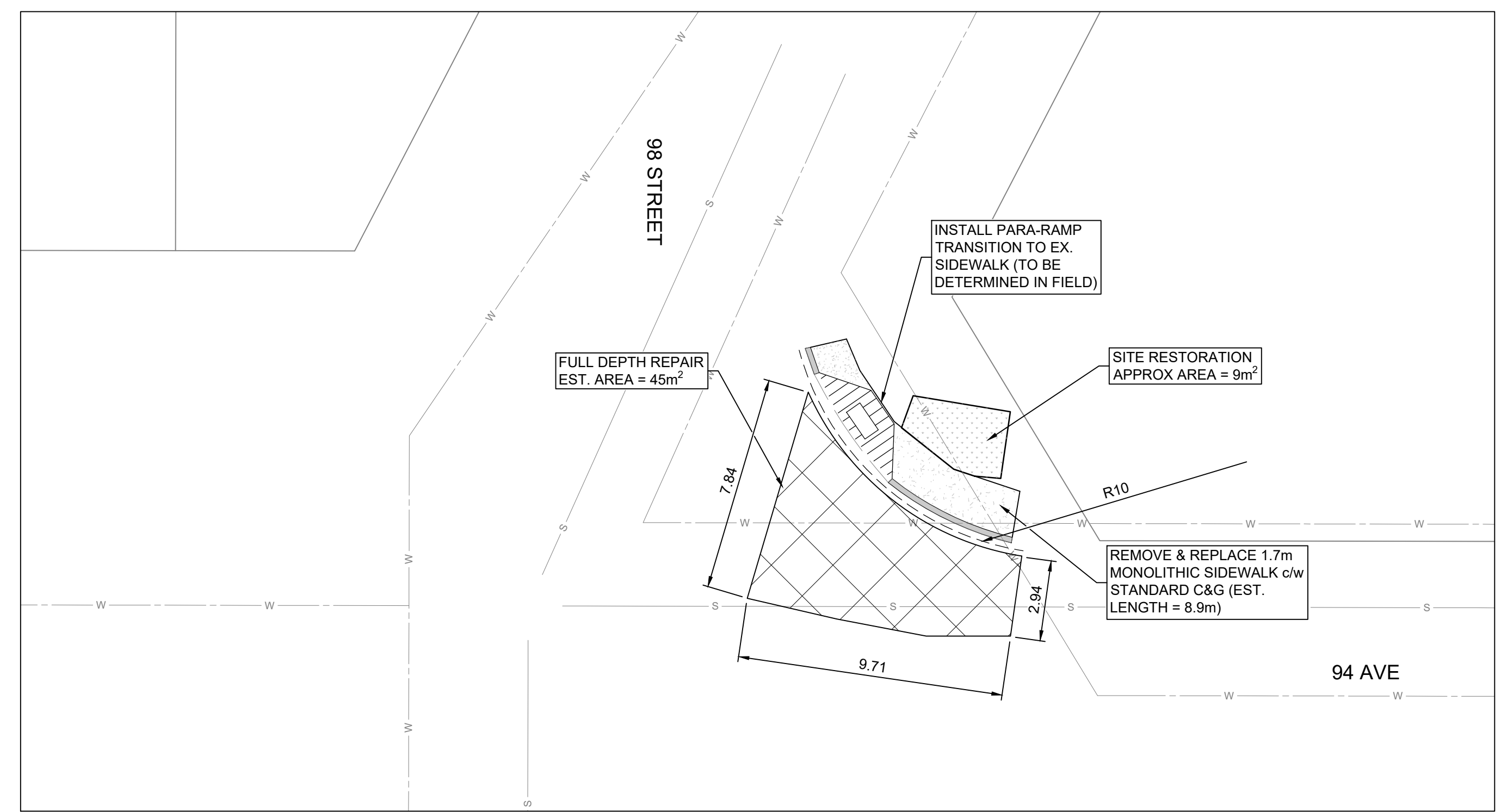
Drawing No.
C03

Project Number
 2131-00611-09

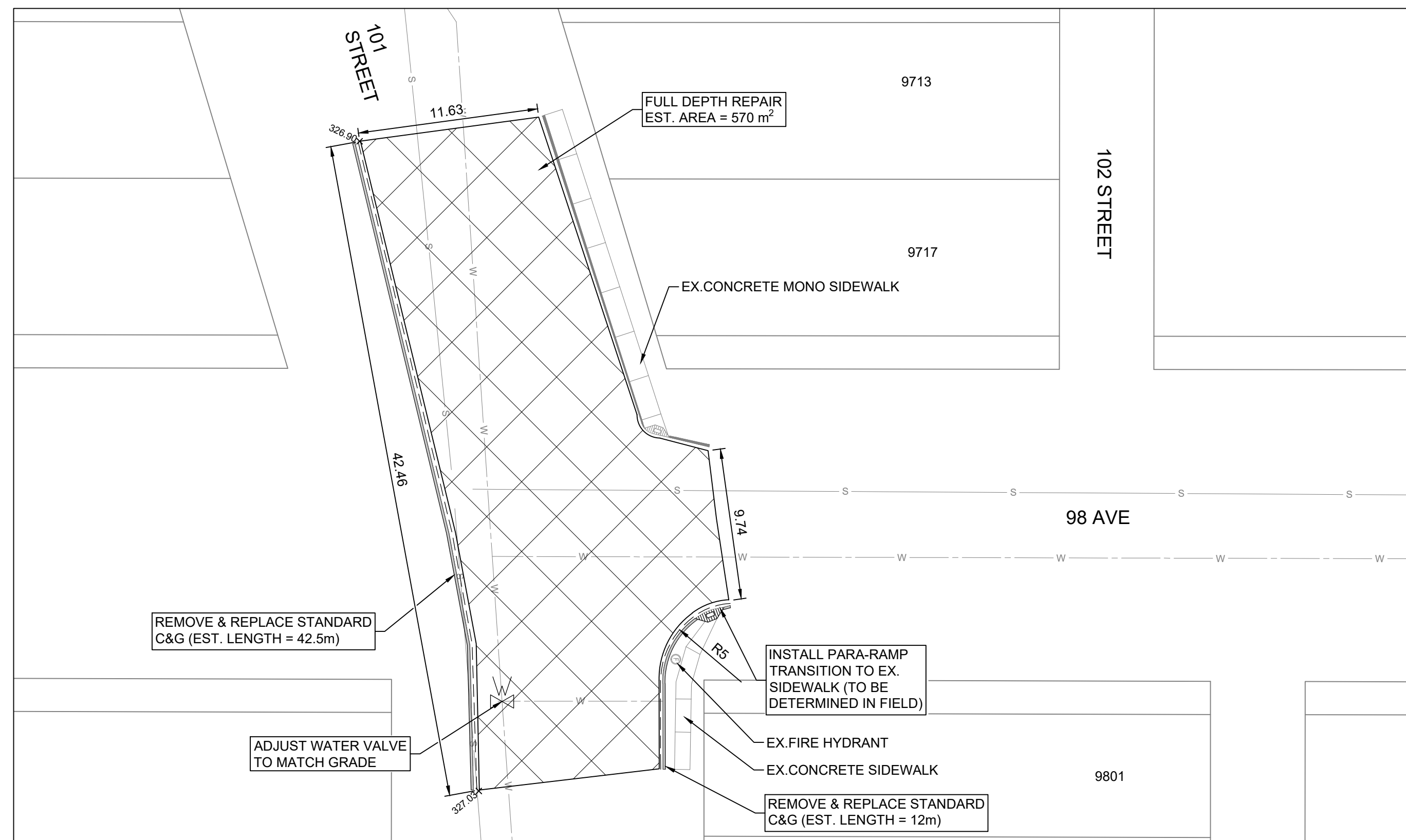
Rev.
 0



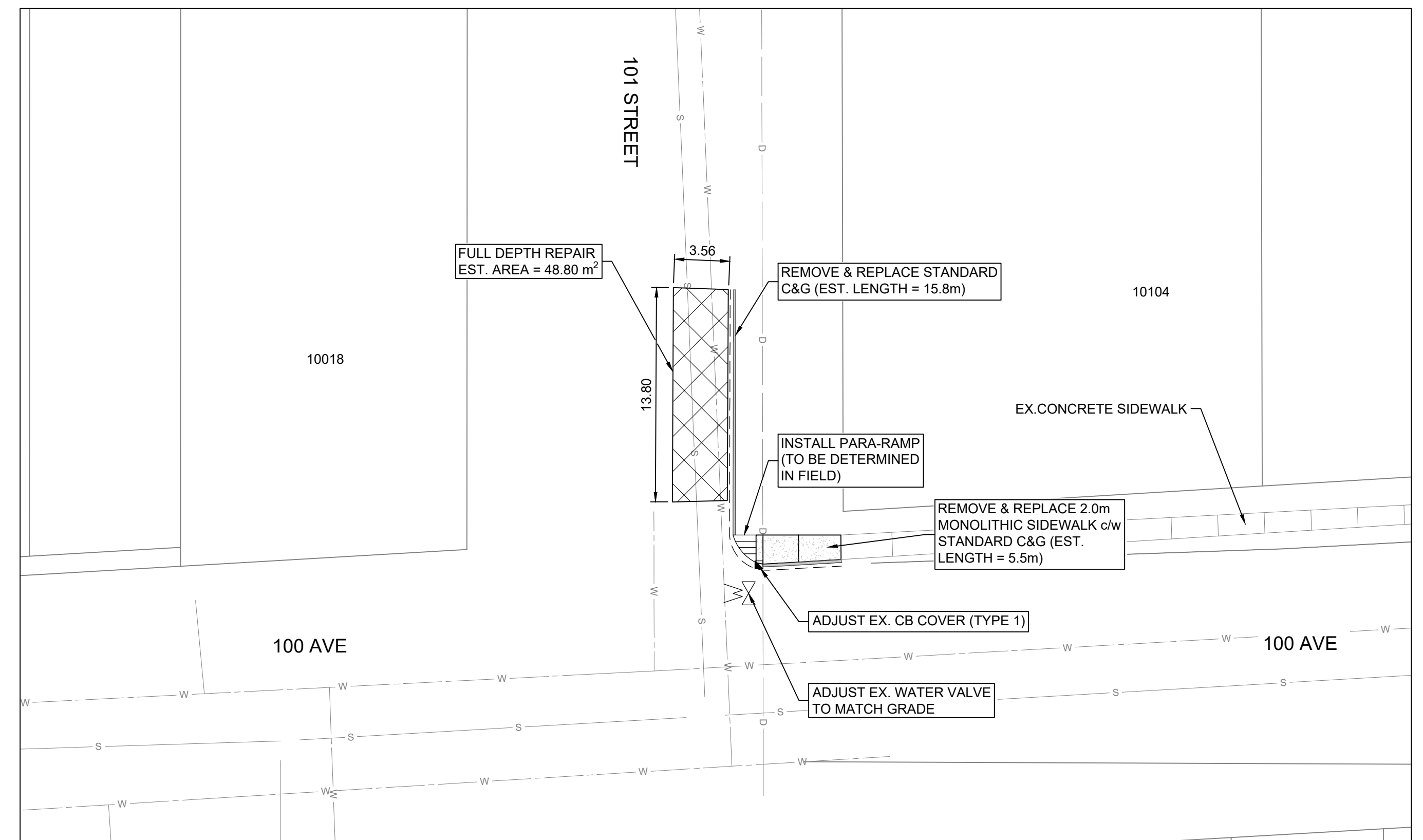
SITE #1 ASPHALT AND CONCRETE REPAIR - 9505 77 AVE
SCALE 1:500



SITE #2 ASPHALT AND CONCRETE REPAIR - 9810 94 AVE
SCALE 1:150



SITE #3 ASPHALT AND CONCRETE REPAIR - 9717 101 STREET
SCALE 1:250



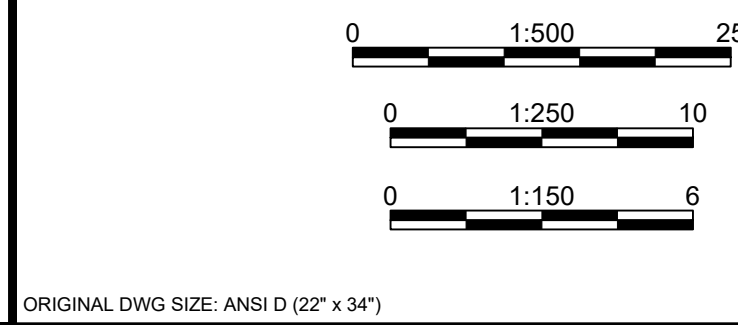
SITE #4 ASPHALT AND CONCRETE REPAIR - 10104 100 AVE
SCALE 1:250

Rev	Date	Description	Drawn	Design	App'd
0	2023-07-27	ISSUED FOR TENDER	MS	MS	JW

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



ORIGINAL DWG SIZE: ANSI D (22" x 34")

McElhanney

9410 100 Street
Peace River AB
Canada T8S 1H7
T 780 624 1234

PERMIT TO PRACTICE
McELHANNEY LTD.

RM SIGNATURE: [Signature]
RM APEGA ID #: 62450
DATE: 2023-07-28
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

APPROVED SEALED

TOWN OF PEACE RIVER
9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

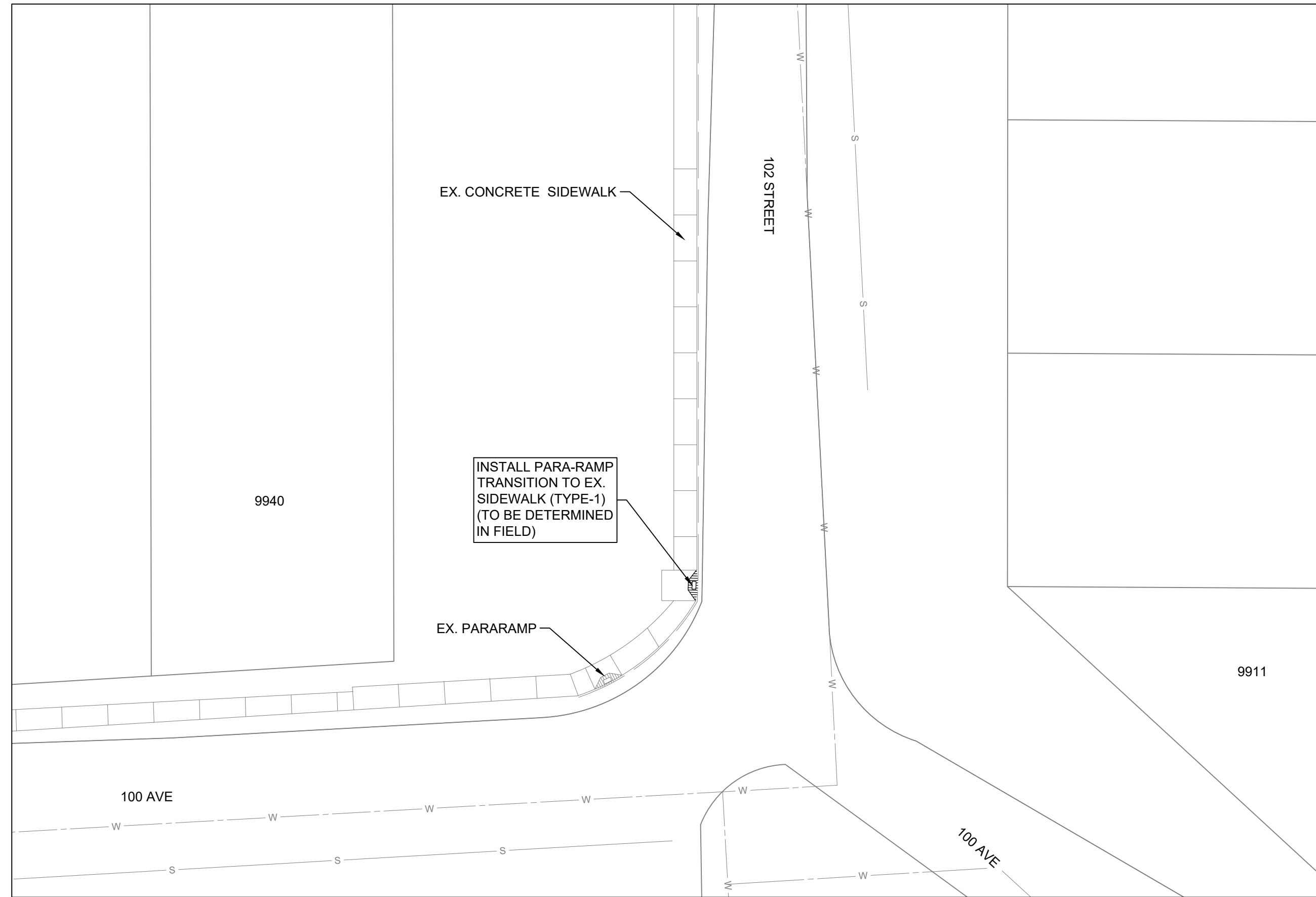
MISCELLANEOUS SITES

PATCH WORK & CONCRETE REPLACEMENT

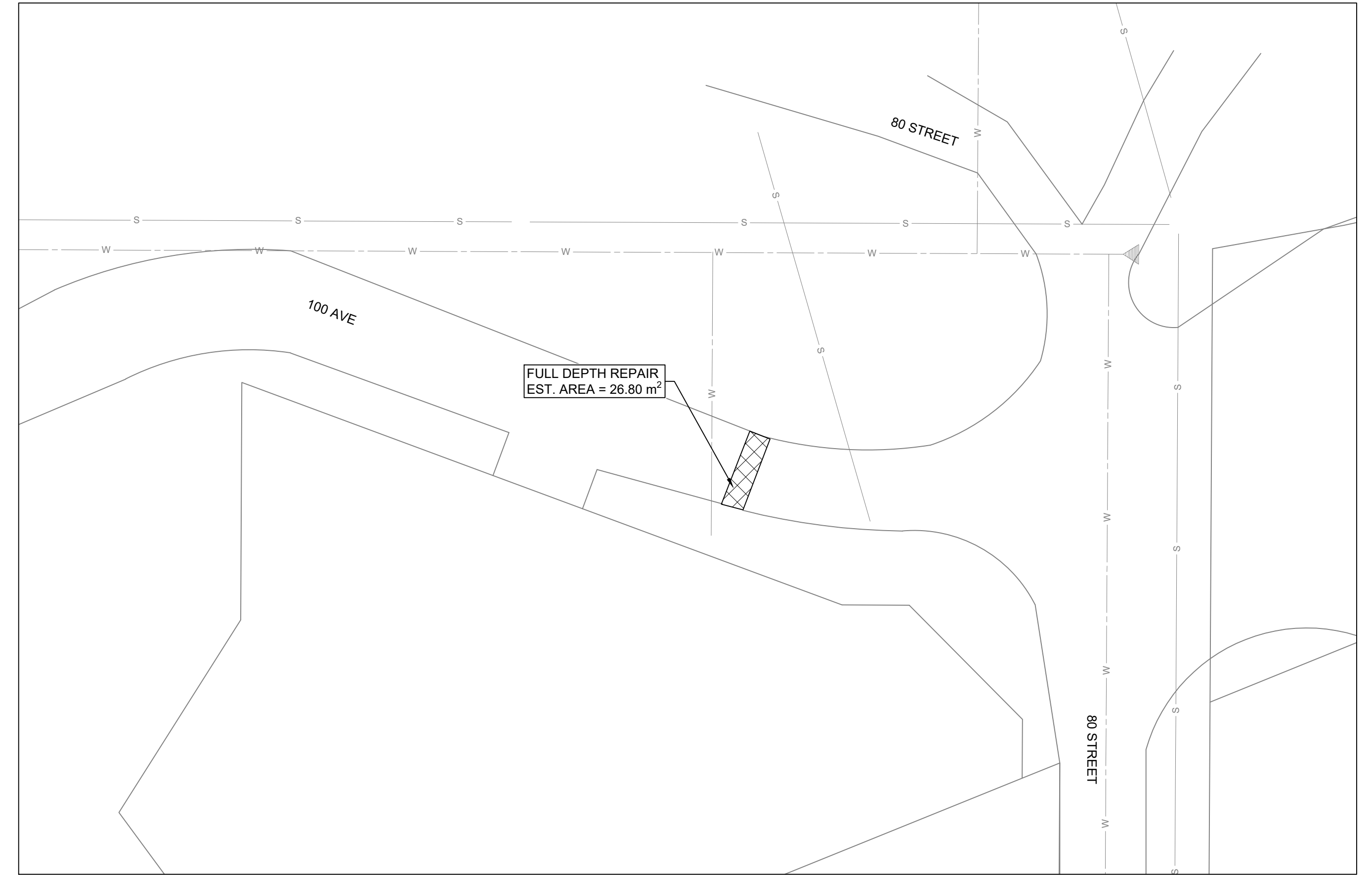
Drawing No. **C04**

Project Number 2131-00611-09

Rev. 0



SITE #5 CONCRETE WORK (PARA-RAMP INSTALL) - 9940 102 STREET
SCALE 1:250



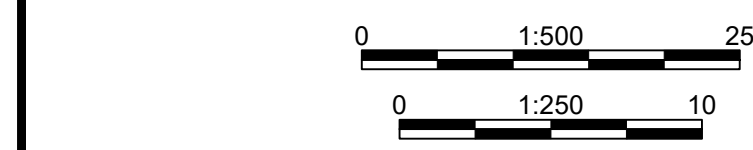
SITE #6 ASPHALT PATCH REPAIR - 7913 100 AVE
SCALE 1:500

Rev	Date	Description	Drawn	Design	App'd
0	2023-07-27	ISSUED FOR TENDER	MS	MS	JW

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING, BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.



ORIGINAL DWG SIZE: ANSI D (22" x 34")

McElhanney

9410 100 Street
Peace River AB
Canada T8S 1H7
T 780 624 1234

**PERMIT TO PRACTICE
McELHANNEY LTD.**

RM SIGNATURE: *[Signature]*
RM APEGA ID #: 62460
DATE: 2023-07-28
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

Approved Sealed

TOWN OF PEACE RIVER
9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

MISCELLANEOUS SITES

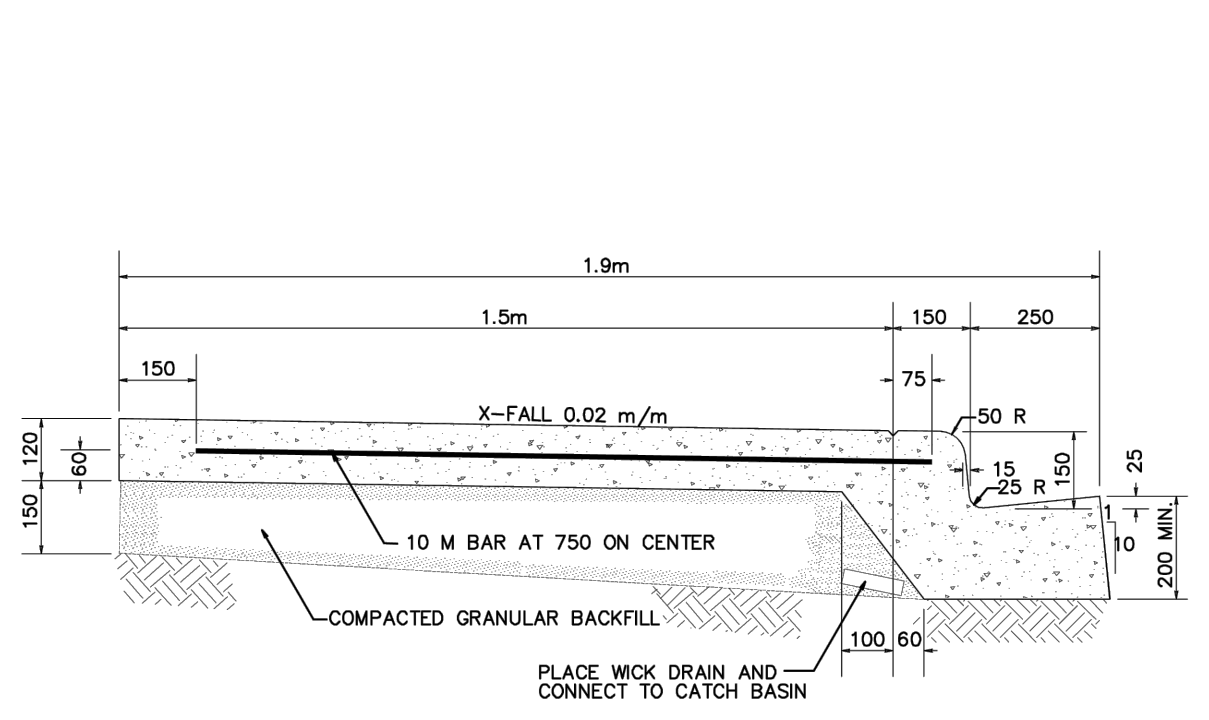
PATCH WORK & CONCRETE REPLACEMENT

Drawing No. **C05**

Project Number 2131-00611-09

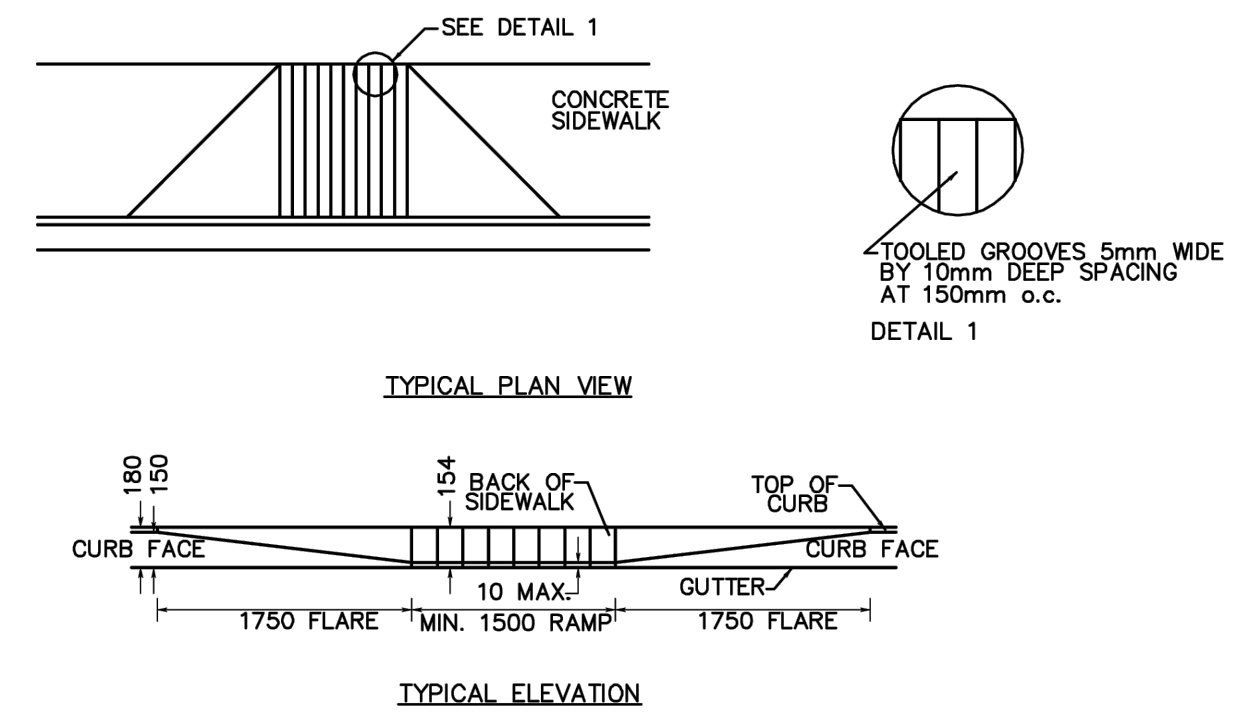
Rev. 0

DATE: 2023-07-26 08:46 FILE: D:\00611-0611-00 DRAWINGS\10.3.1 - SHEET\DWG\DETAILS.DWG McElhanney ANSI D - 2022-07-26



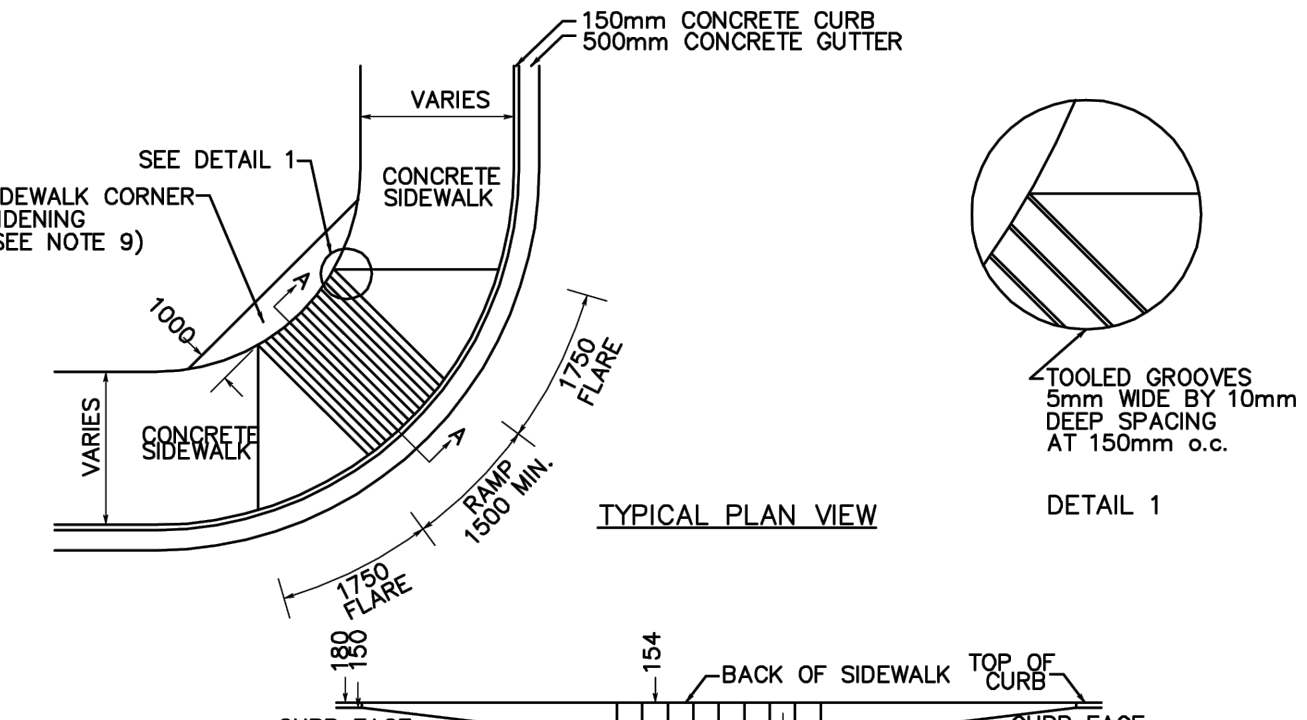
1.5 m MONOLITHIC WALK WITH 150 C&G
SCALE N.T.S.

- NOTES:
1. DEPTH OF GUTTER FACE TO MATCH ROAD STRUCTURE.
 2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
 3. PROPORTIONING AND PRODUCING QUALITY CONCRETE AS WELL AS ACCEPTANCE TESTS FOR THE CONSTITUENT MATERIALS ARE SPECIFIED IN CSA STANDARD A23.1.



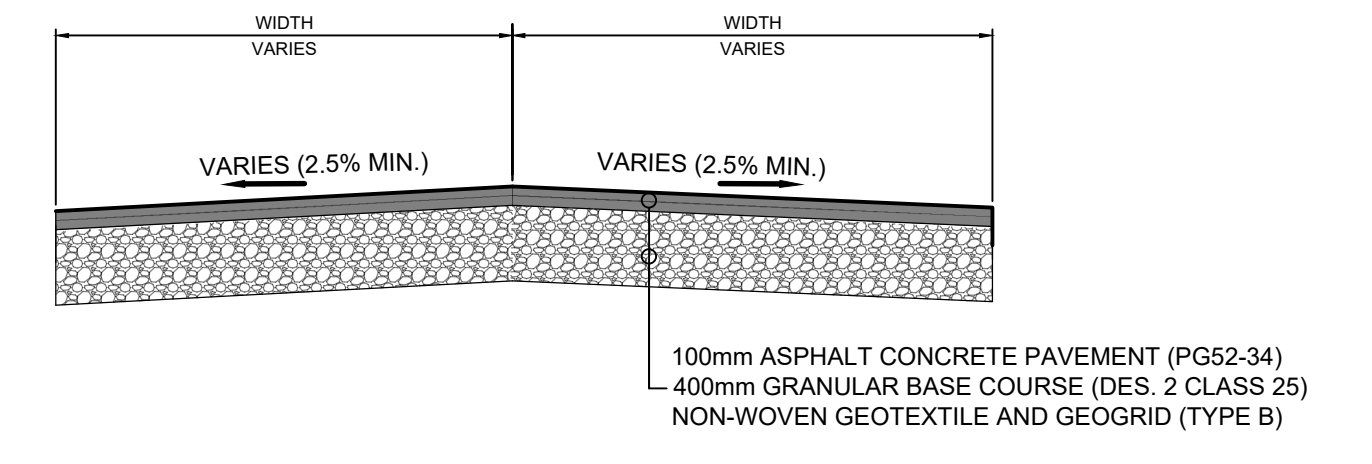
CONCRETE PARA-RAMP ON TANGENT (TYPE 1)
SCALE N.T.S.

- NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
 2. RAMPS FOR USERS OF WHEELCHAIRS/BICYCLES SHOULD BE LOCATED AT ALL JUNCTIONS OF CROSSWALKS AND SIDEWALKS. RAMPS MUST BE LOCATED WITHIN A SIDEWALK.
 3. GROOVES ON SIDEWALK RAMPS ARE TO ALERT PERSONS WHO ARE VISUALLY IMPAIRED OF THE CURB-CUT AND A STREET CROSSING.
 4. WHERE CROSSWALKS ARE CONTROLLED BY SIGNALS WITH A PUSH-BUTTON SYSTEM, THE SIDEWALK AND RAMPS MUST ALLOW ACCESS FOR WHEELCHAIR TO PUSH BUTTON.
 5. MINIMUM WIDTH OF RAMP IS 1500mm. IT MAY BE NECESSARY TO BUILD WIDER RAMPS IN BUSY URBAN AREAS WHERE VOLUME OF PEDESTRIAN TRAFFIC IS HIGH.
 6. MAXIMUM RAMP SLOPE IS 0.08m/m.
 7. WHERE THE SIDEWALK IS LESS THAN 1800mm WIDE, THE 0.08m/m MAX. SLOPE SHOULD NOT BE EXCEEDED AND THEREFORE THE BACK OF THE SIDEWALK MUST BE LOWERED ACCORDINGLY.
 8. WHERE RIGHT-OF-WAY IS AVAILABLE, THE SIDEWALK IS TO BE WIDENED AT CORNER LOCATIONS AS SHOWN SO THAT AT LEAST A 1.0m WIDTH OF "FLAT" SIDEWALK IS PROVIDED ADJACENT TO THE RAMP.

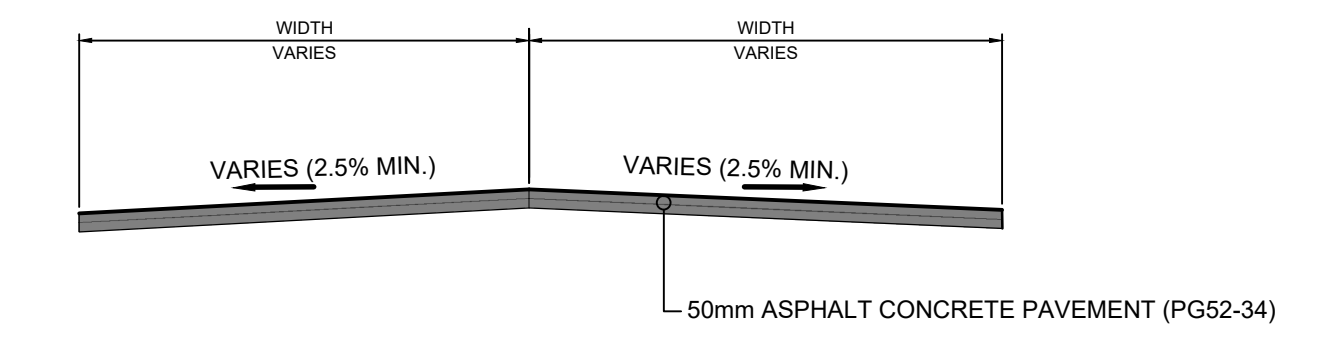


CONCRETE PARA-RAMP ON CORNER (TYPE 2)
SCALE N.T.S.

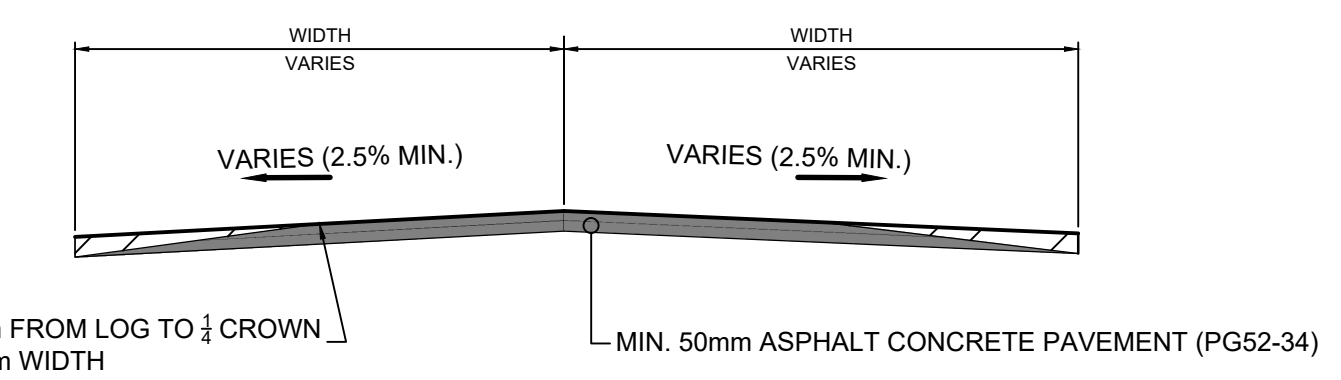
- NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
 2. RAMPS FOR USERS OF WHEELCHAIRS/BICYCLES SHOULD BE LOCATED AT ALL JUNCTIONS OF CROSSWALKS AND SIDEWALKS. RAMPS MUST BE LOCATED WITHIN A SIDEWALK.
 3. GROOVES ON SIDEWALK RAMPS ARE TO ALERT PERSONS WHO ARE VISUALLY IMPAIRED OF THE CURB-CUT AND A STREET CROSSING.
 4. WHERE CROSSWALKS ARE CONTROLLED BY SIGNALS WITH A PUSH-BUTTON SYSTEM, THE SIDEWALK AND RAMPS MUST ALLOW ACCESS FOR WHEELCHAIR TO PUSH BUTTON.
 5. MINIMUM WIDTH OF RAMP IS 1500mm. IT MAY BE NECESSARY TO BUILD WIDER RAMPS IN BUSY URBAN AREAS WHERE VOLUME OF PEDESTRIAN TRAFFIC IS HIGH.
 6. MAXIMUM RAMP SLOPE IS 0.08m/m.
 7. WHERE THE SIDEWALK IS LESS THAN 1800mm WIDE, THE 0.08m/m MAX. SLOPE SHOULD NOT BE EXCEEDED AND THEREFORE THE BACK OF THE SIDEWALK MUST BE LOWERED ACCORDINGLY.
 8. WHERE RIGHT-OF-WAY IS AVAILABLE, THE SIDEWALK IS TO BE WIDENED AT CORNER LOCATIONS AS SHOWN SO THAT AT LEAST A 1.0m WIDTH OF "FLAT" SIDEWALK IS PROVIDED ADJACENT TO THE RAMP.



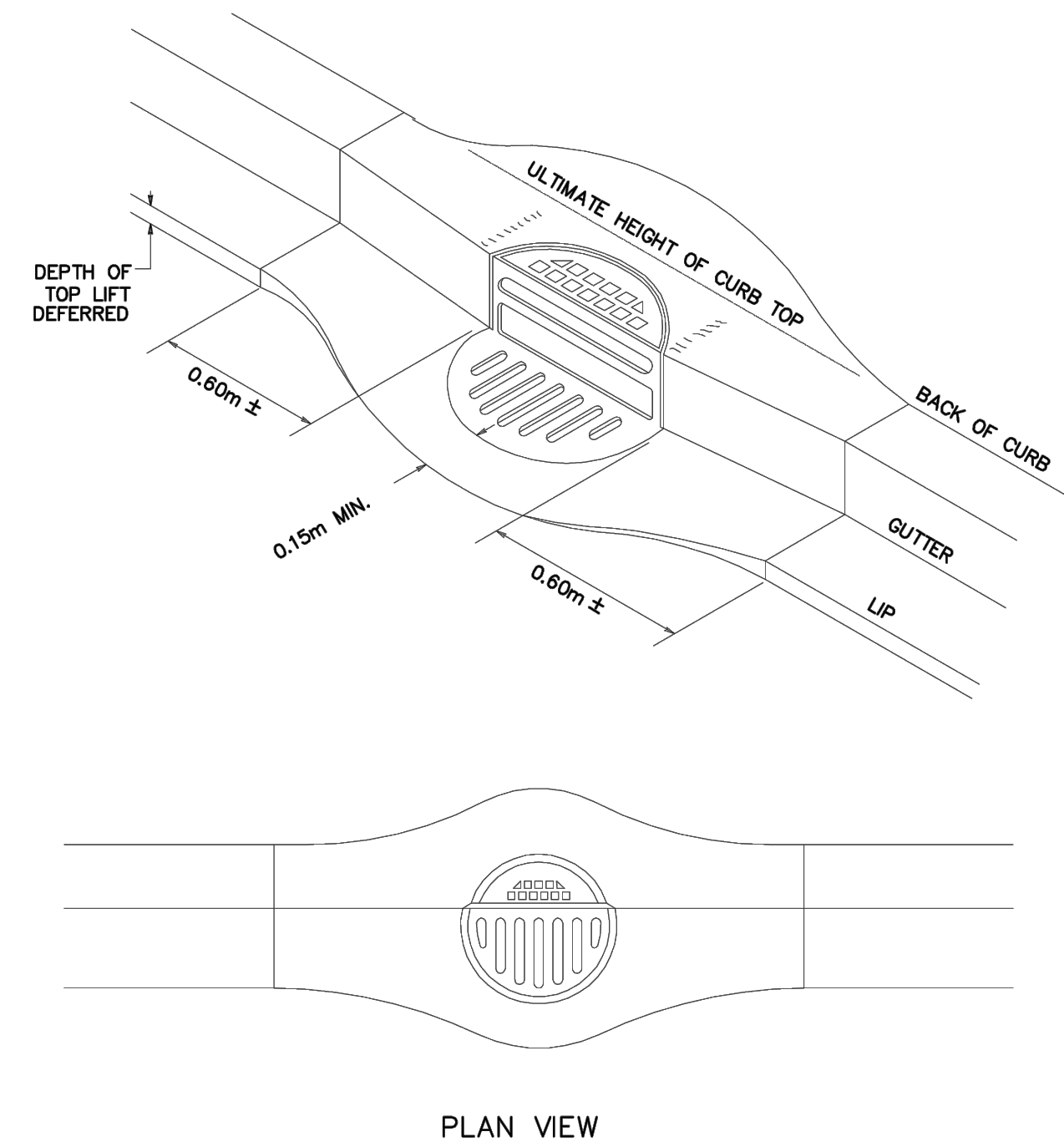
FULL DEPTH REPAIR - TYPICAL DETAIL
SCALE N.T.S.



MILLING & OVERLAY - TYPICAL DETAIL
SCALE N.T.S.

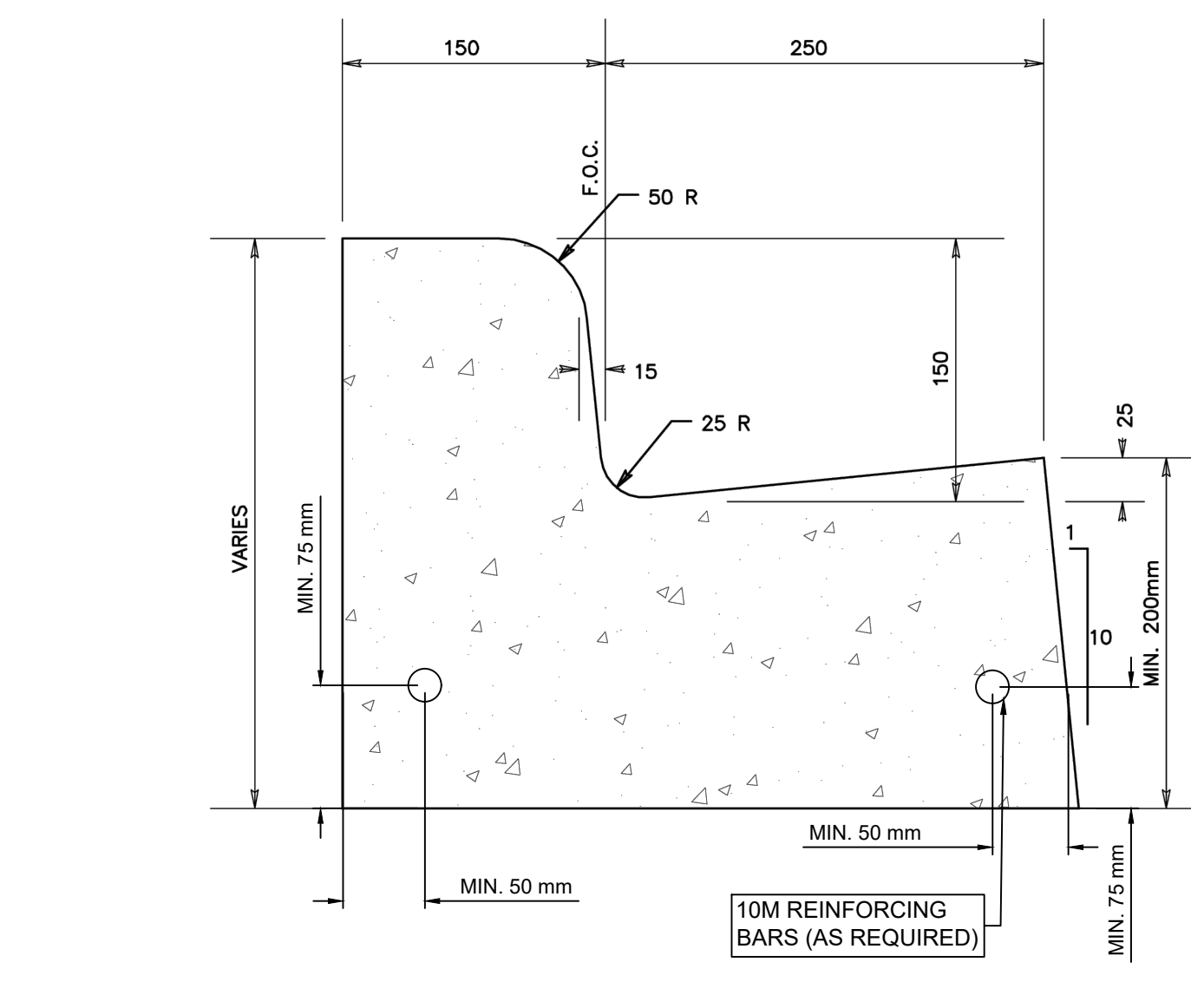


MILLING & OVERLAY - TYPICAL DETAIL
SCALE N.T.S.



DEPRESSED CURB & GUTTER FOR CATCH BASIN
SCALE N.T.S.

- NOTES:
1. TYPICAL CURB & GUTTER TREATMENT AT CATCH BASIN WHEN ASPHALT TOP LIFT IS DEFERRED. LOCATION TO BE DETERMINED BY ENGINEER.
 2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.



STANDARD 150 mm CURB WITH 250 mm GUTTER
SCALE N.T.S.

- NOTES:
1. DEPTH OF GUTTER FACE TO MATCH DEPTH OF ROAD STRUCTURE.
 2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
 3. PROPORTIONING AND PRODUCING QUALITY CONCRETE AS WELL AS ACCEPTANCE TESTS FOR THE CONSTITUENT MATERIALS ARE SPECIFIED IN CSA STANDARD A23.1.

Rev	Date	Description	Drawn	Design	App'd
0	2023-07-27	ISSUED FOR TENDER	MS	MS	JW

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY AND SHALL NOT BE USED, REPRODUCED OR REPRODUCED WITHOUT THE CONSENT OF McELHANNEY. McELHANNEY WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. McELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON OR ANY CHANGES MADE TO THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT McELHANNEY'S PRIOR WRITTEN CONSENT.

INFORMATION ON EXISTING UNDERGROUND FACILITIES MAY NOT BE COMPLETE OR ACCURATE. McELHANNEY, ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING FACILITIES BY HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ORIGINAL DWG SIZE: ANSI D (22" x 34")

McElhanney

9410 100 Street
Peace River AB
Canada T8S 1H7
T 780 624 1234

PERMIT TO PRACTICE
McELHANNEY LTD.

RM SIGNATURE: [Signature]
RM APEGA ID #: 62450
DATE: 2023-07-26
PERMIT NUMBER: P066383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

PROFESSIONAL ENGINEER
McELHANNEY LTD.

Approved Sealed

TOWN OF PEACE RIVER
9911 - 100 STREET, PEACE RIVER, AB T8S 1S4

ASPHALT OVERLAY & SIDEWALK REPLACEMENT 2023

TYPICAL DETAILS

Drawing No. **D01**

Project Number 2131-00611-09

Rev. 0

DESTROY ALL PRINTS BEARING PREVIOUS REVISION