

DATE: 2024-05-06 16:45 FILE: X:\3231\Projects\3231-11020-00\Drawings\03.1_Sheets\11020-00-C000-COVERS.dwg McElhanney Corp. D-2024-10-08

CLIENT

TOWN OF EDSON



ADDRESS / CONTACT INFO.

605 - 50 STREET, EDSON, ALBERTA, T5E 1T7
PHONE: 780) 723-4401

PROJECT NAME

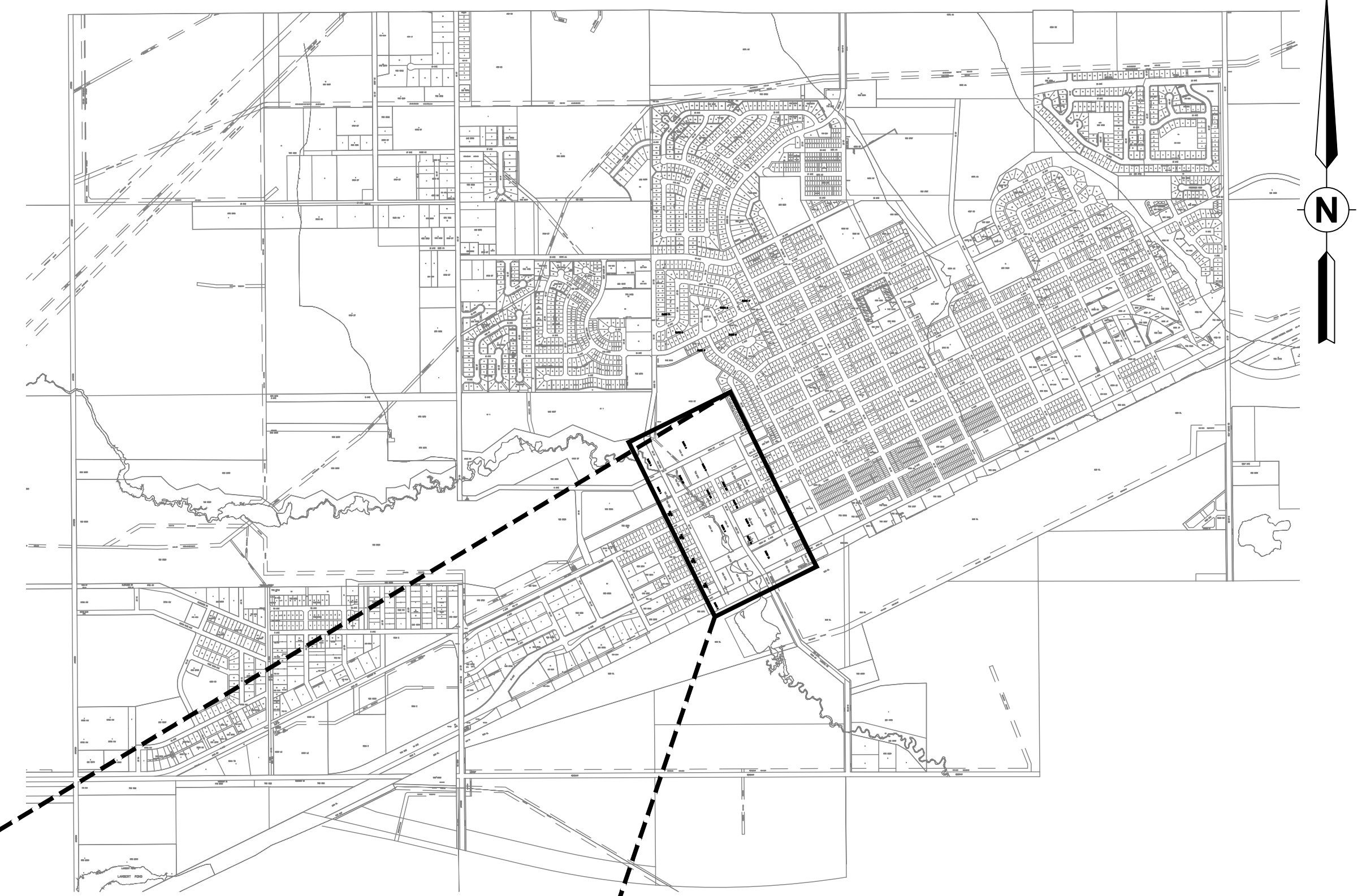
54 STREET - 6 AVENUE TO 1 AVENUE
SANITARY UPGRADE

McELHANNEY PROJECT

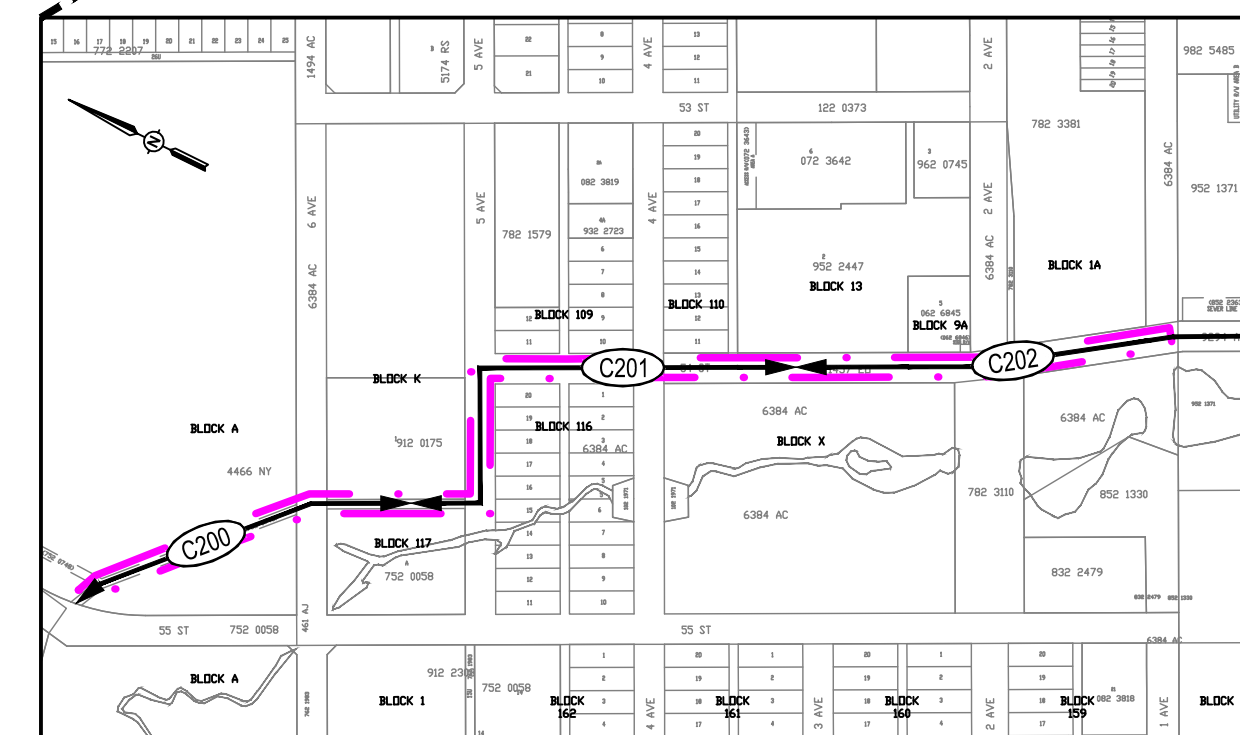
3231-11020-00

STATUS

ISSUED FOR TENDER



LOCATION PLAN - TOWN OF EDSON
SCALENTS



KEY PLAN - 6 AVENUE, 54 STREET - 5 AVENUE TO 1 AVENUE
SCALE 1:5000

DRAWING LIST		
SHEET #	NAME	REVISIONS
C000	COVER PAGE	
C001	LEGEND AND NOTES	
C100	EXISTING SITE PLAN	
C101	REMOVALS PLAN	
C102	UTILITIES PLAN	
C103	ROAD AND SIDEWALK PLAN	
C200	PLAN AND PROFILE, STA. 2+000 TO STA. 2+290	
C201	PLAN AND PROFILE, STA. 2+290 TO STA. 2+580	
C202	PLAN AND PROFILE, STA. 2+580 TO STA. 2+900	
C300	DETAILS	



5918 3rd Avenue
Edson AB
Canada T7E 1R8
T 780 725 0049

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

TOPOGRAPHY

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

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

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
	CULVERT END
	STORM MANHOLE
	CULVERT HEADWALL - WINGS
	ABND 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
	SERVICE CONNECTIONS
	FOOTING DRAIN
	DITCH CENTRELINE
	SWALE CENTRELINE

GENERAL CONSTRUCTION NOTES:

- ALL DISTANCES AND ELEVATIONS ARE SHOWN IN METRES AND DECIMALS THEREOF, UNLESS SHOWN OTHERWISE.
- TOPOGRAPHIC SURVEY WAS PROVIDED BY MCELHANNEY (JUNE 2023).
- ELEVATIONS ARE GROUND LEVEL UNLESS OTHERWISE SHOWN. ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM CSRS-PPP.
- ALL SHALLOW UTILITY LINES AND STRUCTURE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED BY UTILITY SAFETY PARTNERS AND PRIVATE LOCATORS IF REQUIRED (AT CONTRACTOR'S EXPENSE) BEFORE CONSTRUCTION BEGINS. PLEASE CONTACT UTILITY SAFETY PARTNERS 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.

ROADS

EXISTING	PROPOSED
	ASPHALT
	CURB
	GRAVEL SHOULDER
	UNPAVED ROAD
	CONCRETE ROADSIDE BARRIER
	CONCRETE MEDIAN BARRIER

SIGNAGE

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

LIGHTING

EXISTING	PROPOSED
	JUNCTION BOX - LIGHTING
	7.62m STREET LAMP
	9.00m STREET LAMP
	DOUBLE STREET LAMP
	7.62m STREET LAMP WITH SERVICE BASE
	9.00m 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

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
	SERVICE CONNECTIONS

SURFACE RECONSTRUCTION LEGEND:

	ASPHALT CONCRETE PAVEMENT RECONSTRUCTION
	CONCRETE SURFACE REPLACEMENT
	LANDSCAPE REMEDIATION (TOPSOIL AND SOD)
	GRAVEL RESTORATION

ABBREVIATIONS

MISCELLANEOUS ABBREVIATIONS

ABD	- ABANDONED	LS	- LIGHT STANDARD
AC	- ASBESTOS CEMENT	MH	- MANHOLE
ACB	- ASPHALT CONCRETE BASE	MLG	- MEDIAN LIP OF GUTTER
ACO	- ASPHALT CONCRETE OVERLAY	NB	- NORTHBOUND
BH	- BORE HOLE	NTS	- NOT TO SCALE
BOC	- BACK OF CURB	PERF	- PERFORATED
BOW	- BACK OF WALK	PP	- POWER POLE
C&G	- CURB & GUTTER	PROP	- PROPOSED
CIO	- CLEANOUT	PRV	- PRESSURE REDUCING VALVE
CB	- CATCHBASIN	PVC	- POLYVINYL CHLORIDE PIPE
CIP	- CAST-IN-PLACE CONCRETE	R/W	- RIGHT OF WAY
CL	- CENTRELINE	REV	- REVERSE
CONC	- CONCRETE	RG	- RAIN GARDEN
DES	- DESIGN	S/W	- SIDEWALK
DWG	- DRAWING	SAN	- SANITARY
EB	- EASTBOUND	SB	- SOUTHBOUND
EOP	- EDGE OF PAVEMENT	SFCG	- STRAIGHT FACED CURB & GUTTER
EX	- EXISTING	ST	- STEEL
FD	- WICK DRAIN	STA	- STATION
FOC	- FACE OF CURB	STD	- STANDARD
G	- GAS	STM	- STORM
GBC	- GRANULAR BASE COURSE	URW	- UTILITY RIGHT OF WAY
INV	- INVERT ELEVATION	WAT	- WATER
LOC	- LIMIT OF CONSTRUCTION	WM	- WATERMAIN
LOG	- LIP OF GUTTER	WB	- WESTBOUND

ALIGNMENT LABEL LEGEND

	- CONTROL LINE AND STATIONING
	- CURVE REFERENCE NUMBER
	- STATIONING
	- ALIGNMENT TIE POINTS

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
	CHAIN LINK FENCE
	BARBED WIRE FENCE
	WOOD FENCE
	CHAIN LINK FENCE
	BARBED WIRE FENCE
	IRRIGATION PIPE

COMMUNICATIONS

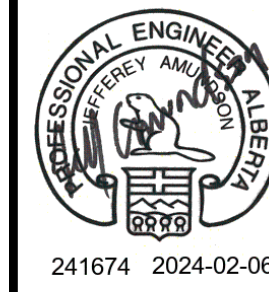
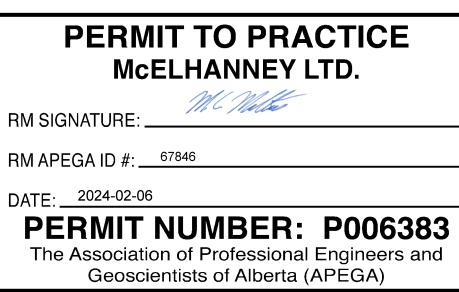
EXISTING	PROPOSED
	BURIED TELEPHONE LINE MARKER
	TELEPHONE POLE
	TELEPHONE - VAULT
	GUY ANCHOR
	BURIED CABLEVISION MARKER
	OVERHEAD TELEPHONE WIRE
	BURIED PHONE CABLE
	BURIED FIBRE OPTIC
	TELEPHONE DUCT BANK
	BURIED PHONE SERVICE
	OVERHEAD CABLEVISION WIRE
	BURIED CABLEVISION
	CABLEVISION DUCT

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



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Tel 780 809 3200



TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

LEGEND AND NOTES

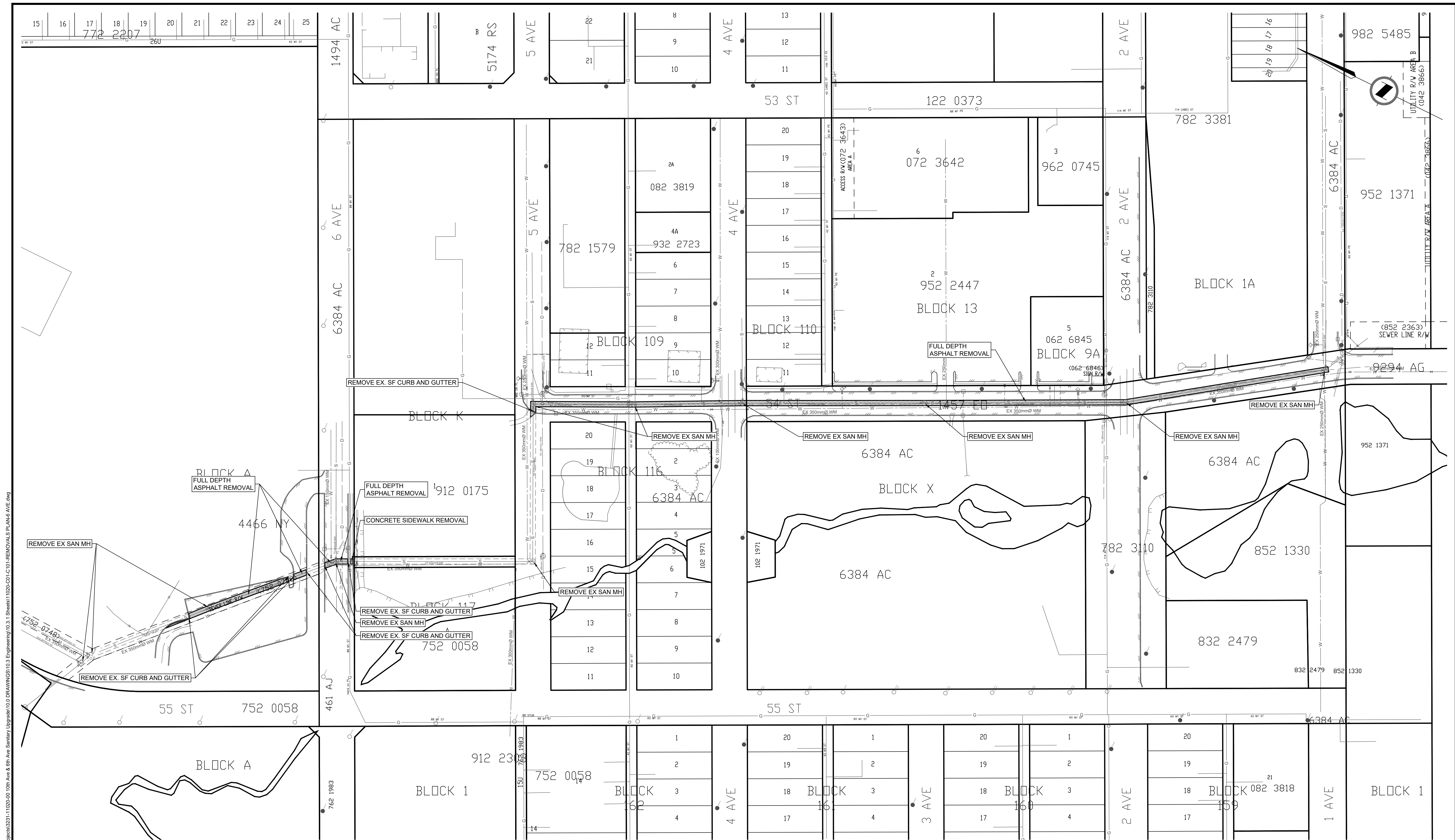
EDSON, ALBERTA

Drawing No.

C001

Project Number
3231-11020-00

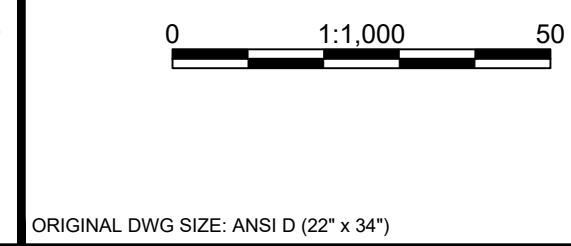
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DATE: 2024-02-05 16:17 FILE: X:\3231\Projects\3231-11020-00 10th Ave & 6th Ave Sanitary Upgrade\10.0 DRAWINGS\10.3 Engineering\10.3.1 Sheets\11020-C01-C10-REMOVALS PLAN-6 AVE.dwg

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McELHANNEY LTD.**

RM SIGNATURE: _____
RM APEGA ID #: 67845
DATE: 2024-02-06
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

241674 2024-02-06

Approved Sealed

TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

**54 STREET - 6 AVENUE TO 1 AVENUE
REMOVALS PLAN**

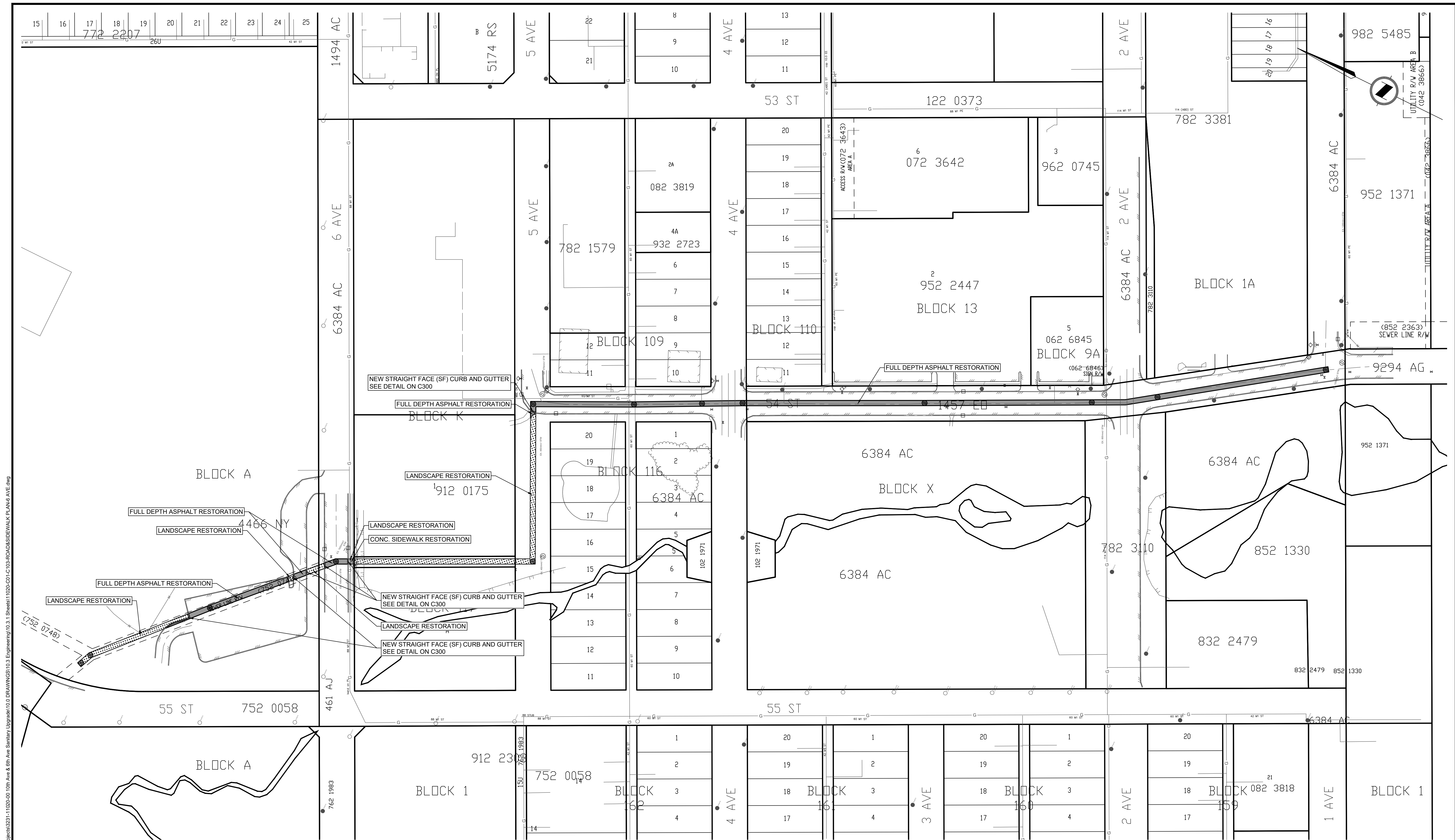
EDSON, ALBERTA

Drawing No.
C101

Project Number
3231-11020-00

Rev.
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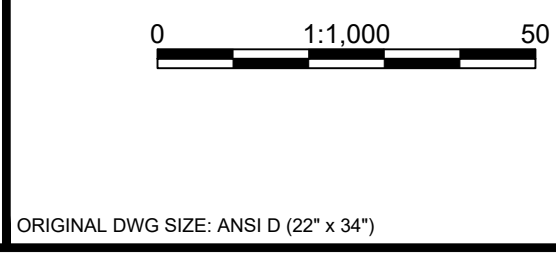
DESTROY ALL PRINTS BEARING PREVIOUS REVISION



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RM APEGA ID #: 67845
DATE: 2024-02-06
PERMIT NUMBER: P006383
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TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

**54 STREET - 6 AVENUE TO 1 AVENUE
ROAD AND SIDEWALK PLAN**

EDSON, ALBERTA

Drawing No. **C103**

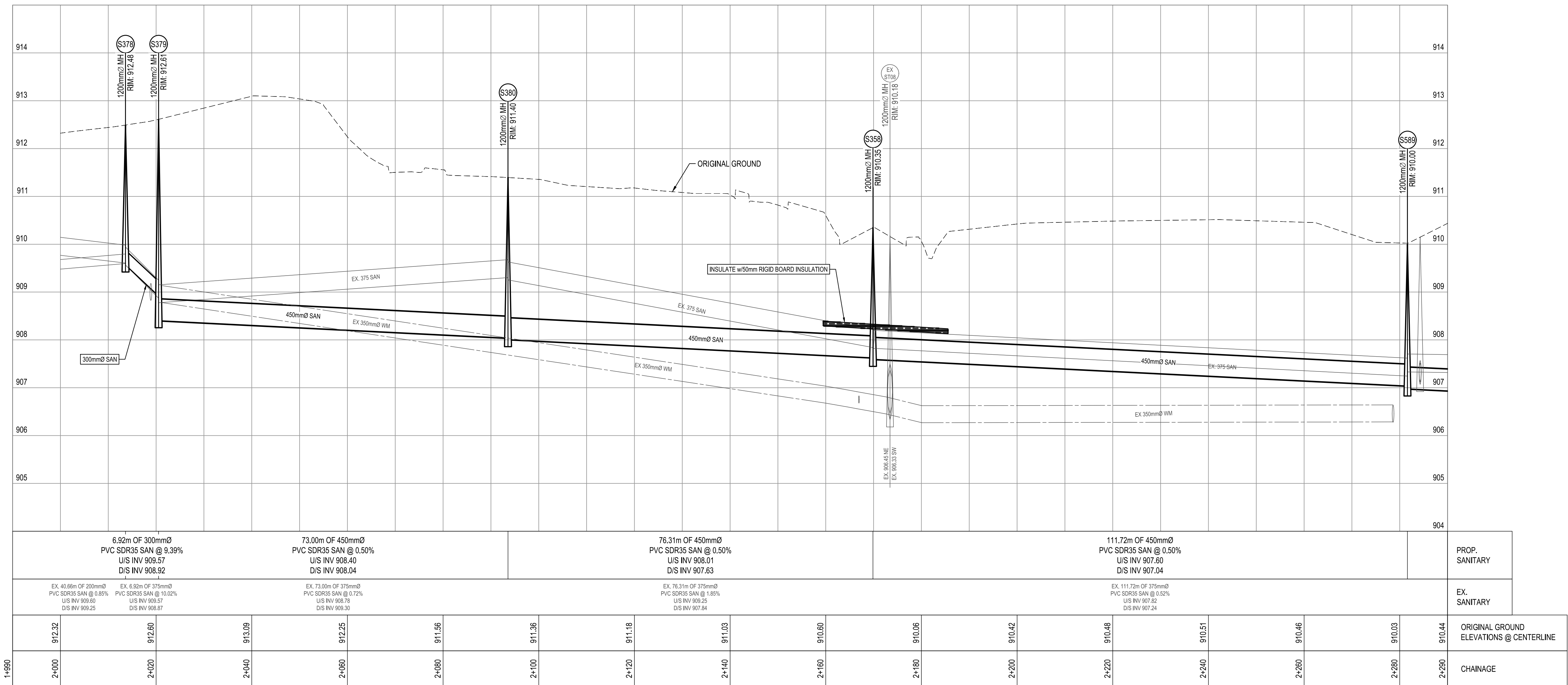
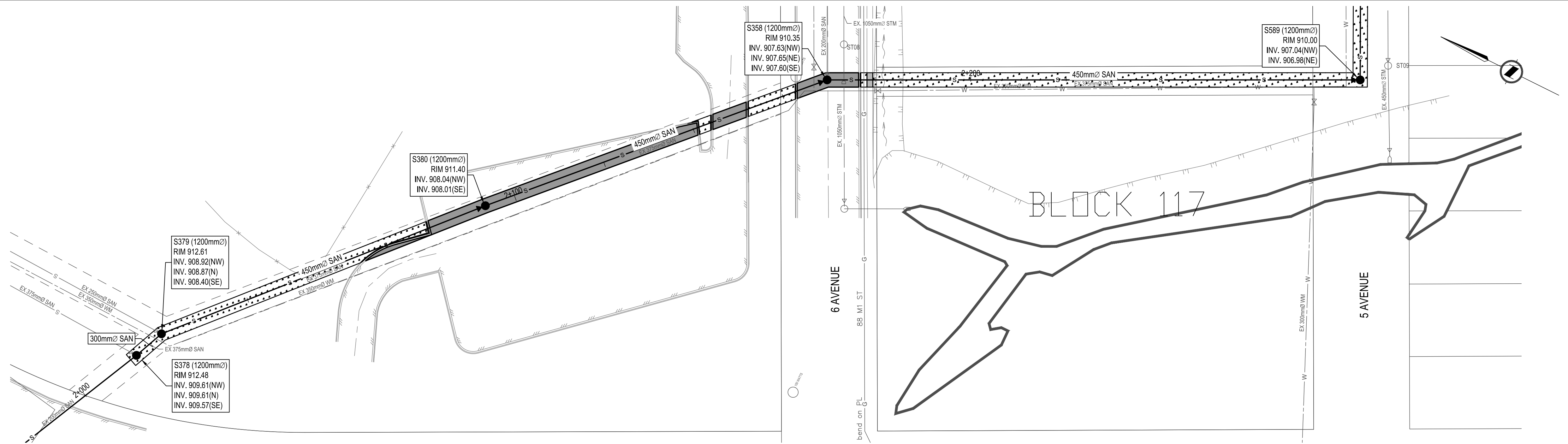
Project Number 3231-11020-00 Rev. 0

DESTROY ALL PRINTS BEARING PREVIOUS REVISION

- GENERAL NOTES:**
1. ALL DISTANCE AND ELEVATIONS ARE SHOWN IN METRES AND DECIMALS THERE OF UNLESS NOTED OTHERWISE. ELEVATIONS ARE GROUND LEVEL UNLESS OTHERWISE NOTED. ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM CSRS-PPP.
 2. ALL SERVICE CONNECTIONS (WM & SAN) ASSUMED AS COPPER OR PVC UNLESS OTHERWISE INDICATED AND LOCATIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO EXCAVATION.
 3. EXISTING SANITARY SERVICES ALONG 54 STREET (BETWEEN 5 AVENUE TO 1 AVENUE), TO CONNECT TO NEW SANITARY MAIN.

UTILITY LOCATES

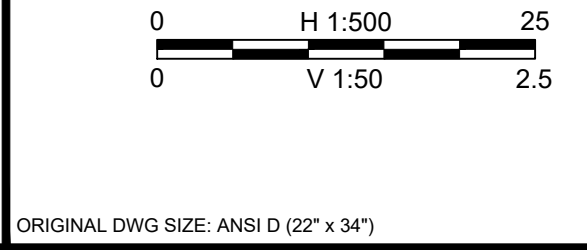
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RM APEGA ID #: 67946
DATE: 2024-02-06
PERMIT NUMBER: P006383
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Permit

241674 2024-02-06

Approved Sealed

TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

54 STREET - 6 AVENUE TO 1 AVENUE
STA. 2+000 TO STA. 2+290

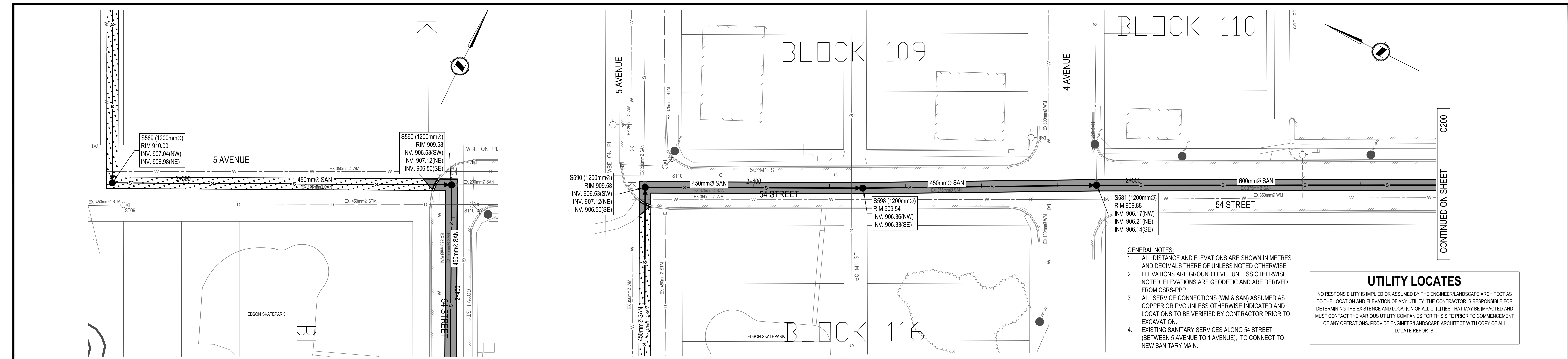
EDSON, ALBERTA

Drawing No. **C200**

Project Number 3231-11020-00

Rev. 0

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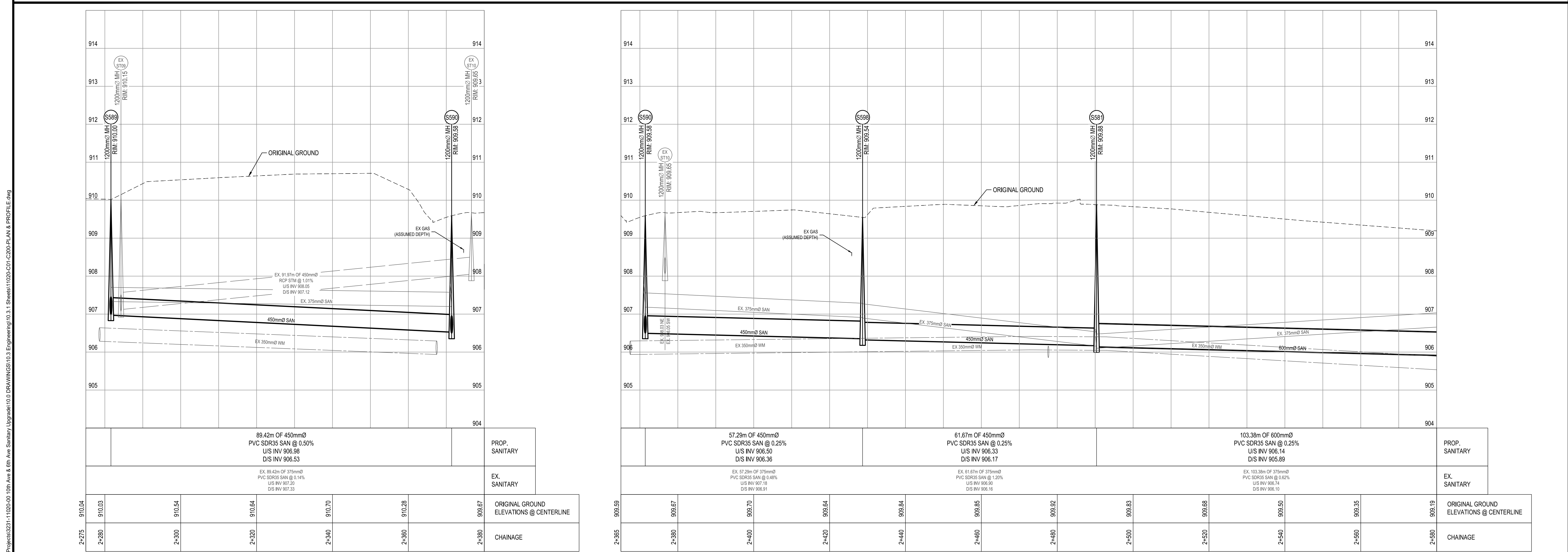


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<p>0 2024-02-06 ISSUED FOR TENDER GM JA GH</p>			<p>0 2024-02-06 ISSUED FOR TENDER GM JA GH</p>		<p>Unit 201 13455 114 Avenue Edmonton AB Canada T5M 2E2 Tel 780 609 3200</p>		<p>241674 2024-02-06</p>		<p>EDSON, ALBERTA</p>		<p>Project Number 3231-11020-00</p>	
<p>Rev Date Description Draw Design App'd</p>			<p>Rev Date Description Draw Design App'd</p>		<p>Permit</p>		<p>Approved Sealed</p>		<p>Rev. 0</p>			

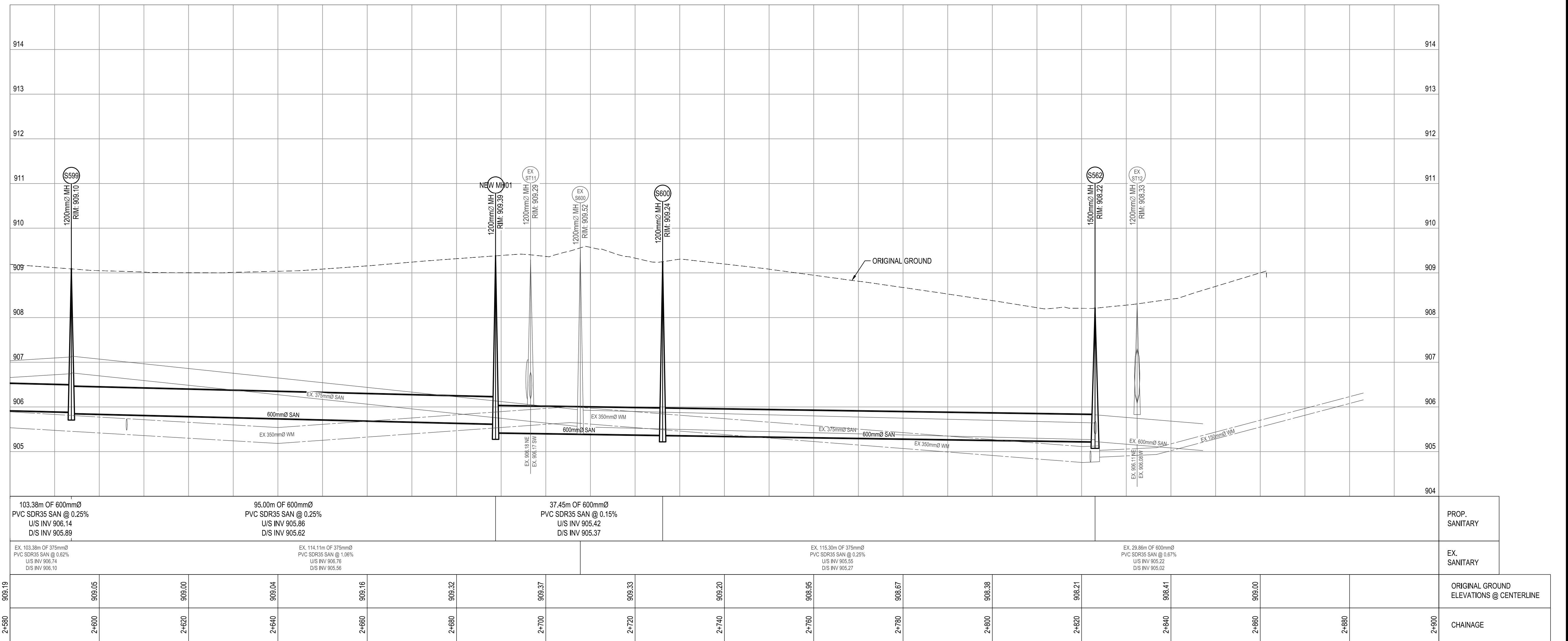
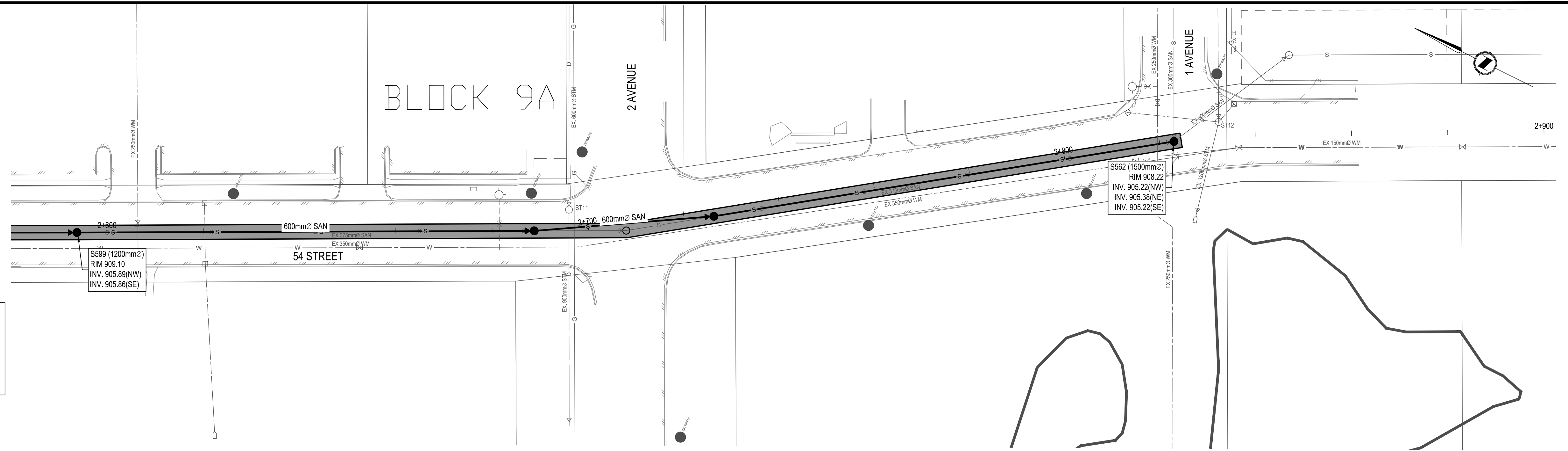
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DESTROY ALL PRINTS BEARING PREVIOUS REVISION

- GENERAL NOTES:**
1. ALL DISTANCE AND ELEVATIONS ARE SHOWN IN METRES AND DECIMALS THERE OF UNLESS NOTED OTHERWISE.
 2. ELEVATIONS ARE GROUND LEVEL UNLESS OTHERWISE NOTED. ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM CSRS-PPP.
 3. ALL SERVICE CONNECTIONS (WM & SAN) ASSUMED AS COPPER OR PVC UNLESS OTHERWISE INDICATED AND LOCATIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO EXCAVATION.
 4. EXISTING SANITARY SERVICES ALONG 54 STREET (BETWEEN 5 AVENUE TO 1 AVENUE), TO CONNECT TO NEW SANITARY MAIN.

UTILITY LOCATES

NO RESPONSIBILITY IS IMPLIED OR ASSUMED BY THE ENGINEER/LANDSCAPE ARCHITECT AS TO THE LOCATION AND ELEVATION OF ANY UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE AND LOCATION OF ALL UTILITIES THAT MAY BE IMPACTED AND MUST CONTACT THE VARIOUS UTILITY COMPANIES FOR THIS SITE PRIOR TO COMMENCEMENT OF ANY OPERATIONS. PROVIDE ENGINEER/LANDSCAPE ARCHITECT WITH COPY OF ALL LOCATE REPORTS.

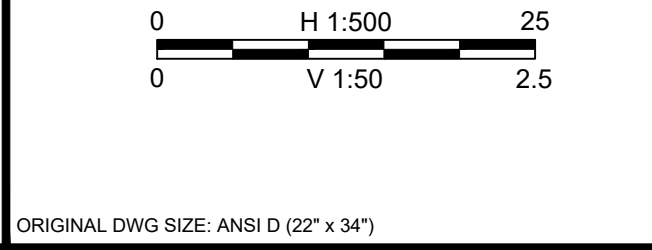


103.38m of 600mmØ PVC SDR35 SAN @ 0.25% U/S INV 906.14 D/S INV 905.89	95.00m of 600mmØ PVC SDR35 SAN @ 0.25% U/S INV 905.88 D/S INV 905.62	37.45m of 600mmØ PVC SDR35 SAN @ 0.15% U/S INV 905.42 D/S INV 905.37	PROP. SANITARY													
EX. 103.38m of 375mmØ PVC SDR35 SAN @ 0.62% U/S INV 906.74 D/S INV 906.10	EX. 114.11m of 375mmØ PVC SDR35 SAN @ 1.06% U/S INV 906.76 D/S INV 905.56	EX. 115.30m of 375mmØ PVC SDR35 SAN @ 0.25% U/S INV 905.55 D/S INV 905.27	EX. SANITARY													
2+580	2+600	2+620	2+640	2+660	2+680	2+700	2+720	2+740	2+760	2+780	2+800	2+820	2+840	2+860	2+880	2+900
908.19	909.05	909.00	909.04	909.16	909.32	908.37	908.33	908.20	908.95	908.67	908.38	908.21	908.41	908.00	908.00	908.00
ORIGINAL GROUND ELEVATIONS @ CENTERLINE																
CHAINAGE																

DATE: 2024-02-05 16:21 FILE: X:\3231\Projects\3231-11020-00\08 Ave & 6th Ave Sanitary Upgrade\10.0 DRAWINGS\10.3 Engineering\10.3.1 Sheets\11020-C01-C202-PLAN & PROFILE.dwg

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McElhanney

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McELHANNEY LTD.

RM SIGNATURE: _____
RM APEGA ID #: 67846
DATE: 2024-02-06
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

241674 2024-02-06
Approved Sealed

TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

54 STREET - 6 AVENUE TO 1 AVENUE
STA. 2+580 TO STA. 2+900

EDSON, ALBERTA

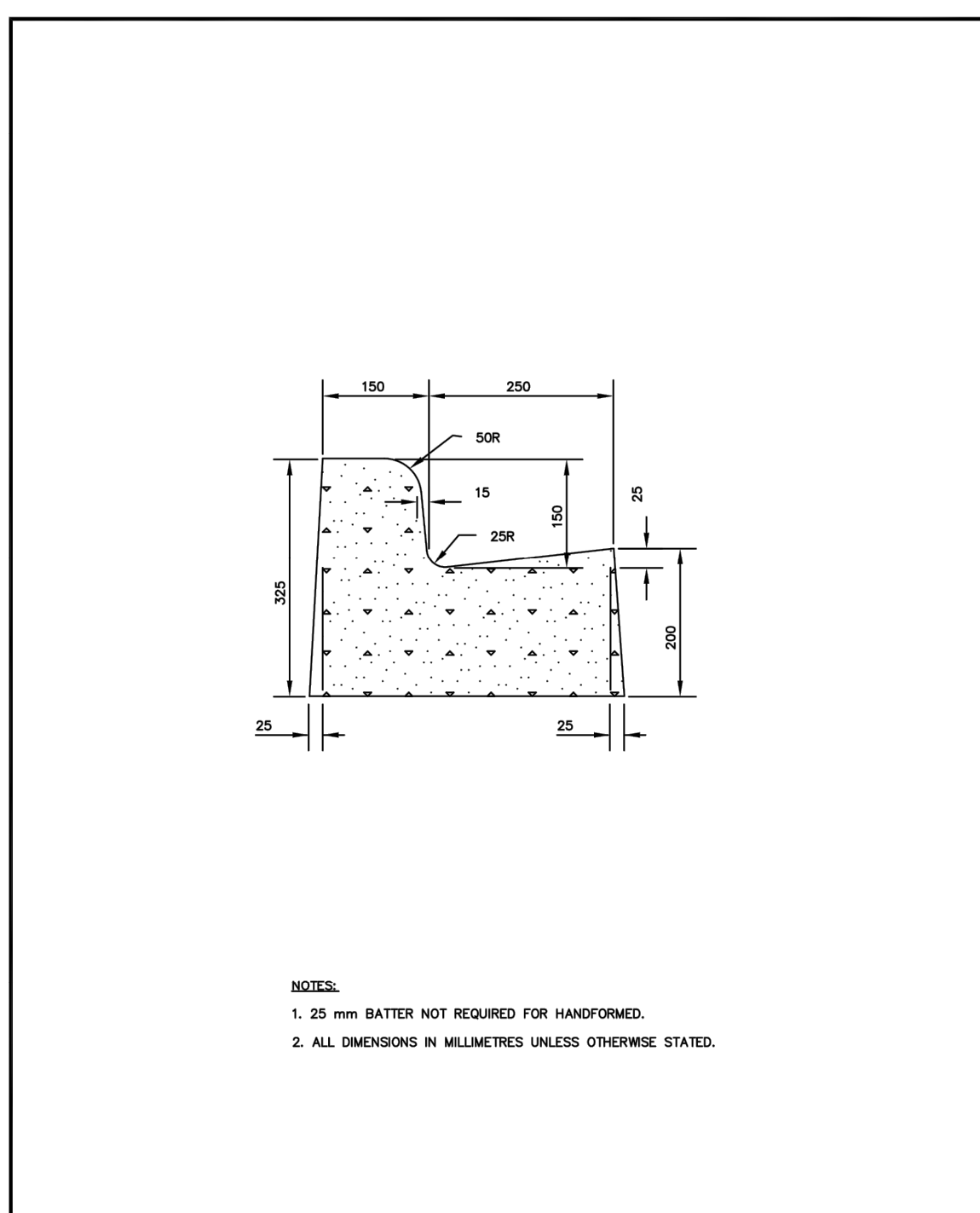
Drawing No. **C202**

Project Number 3231-11020-00

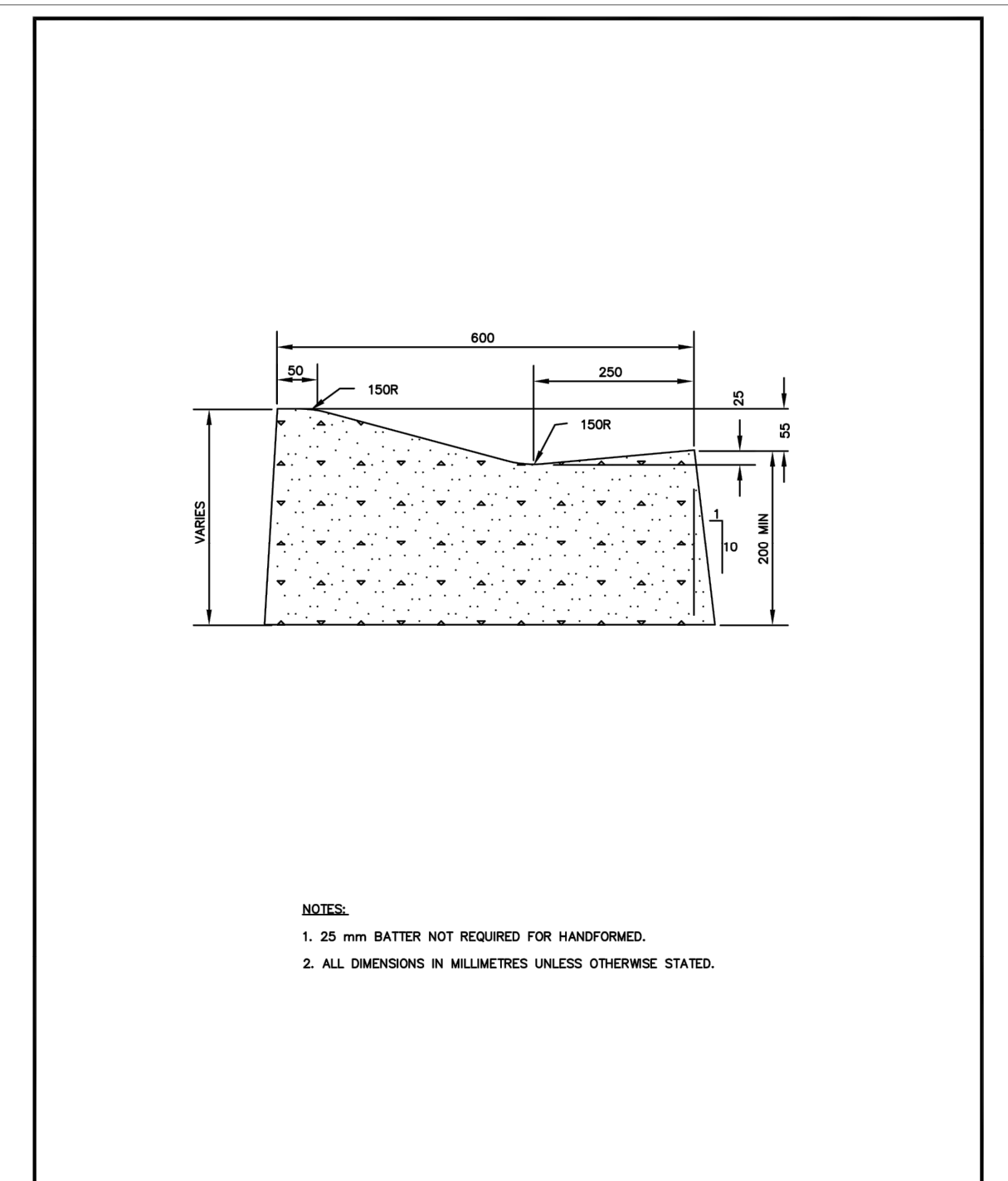
Rev. 0

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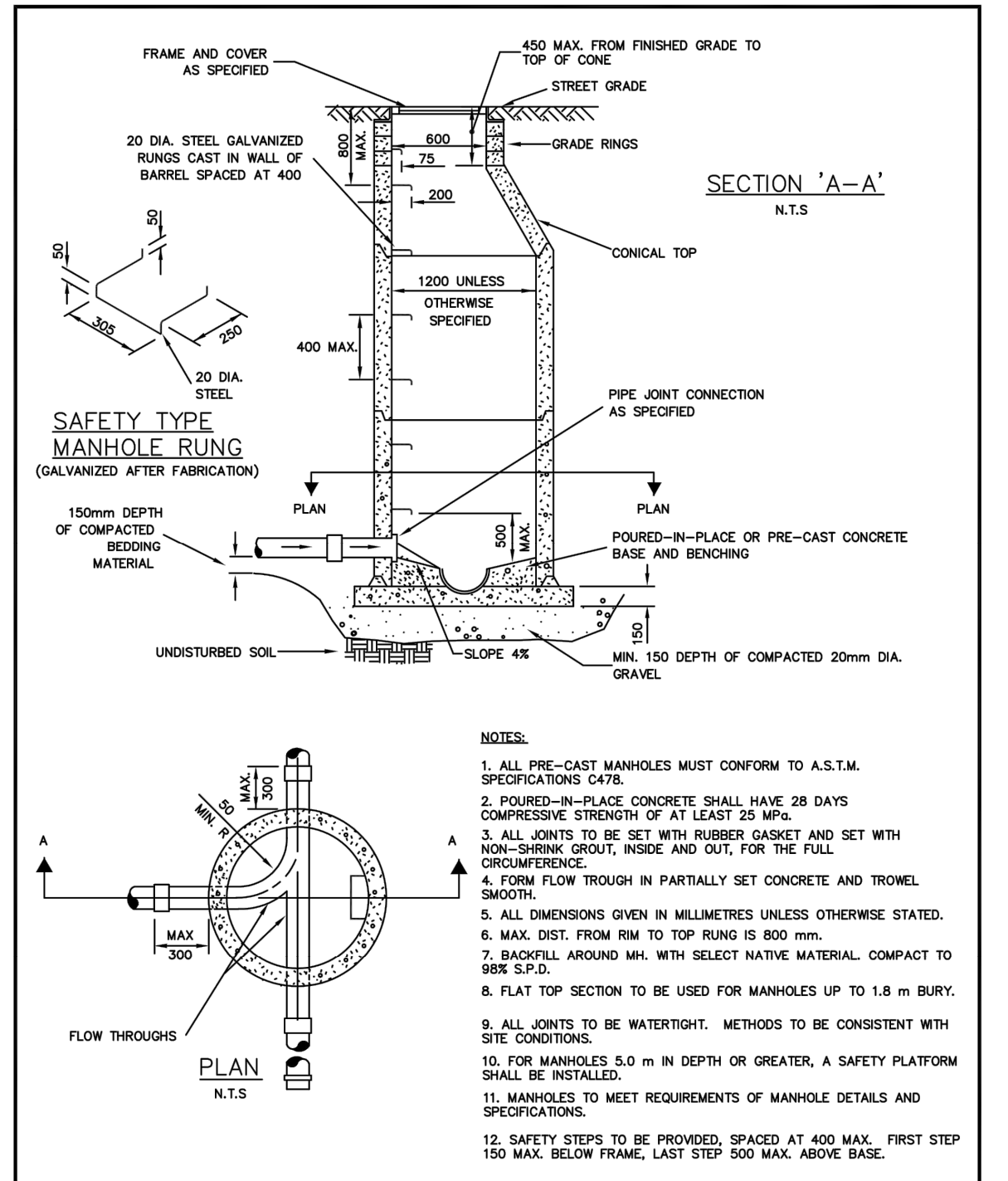
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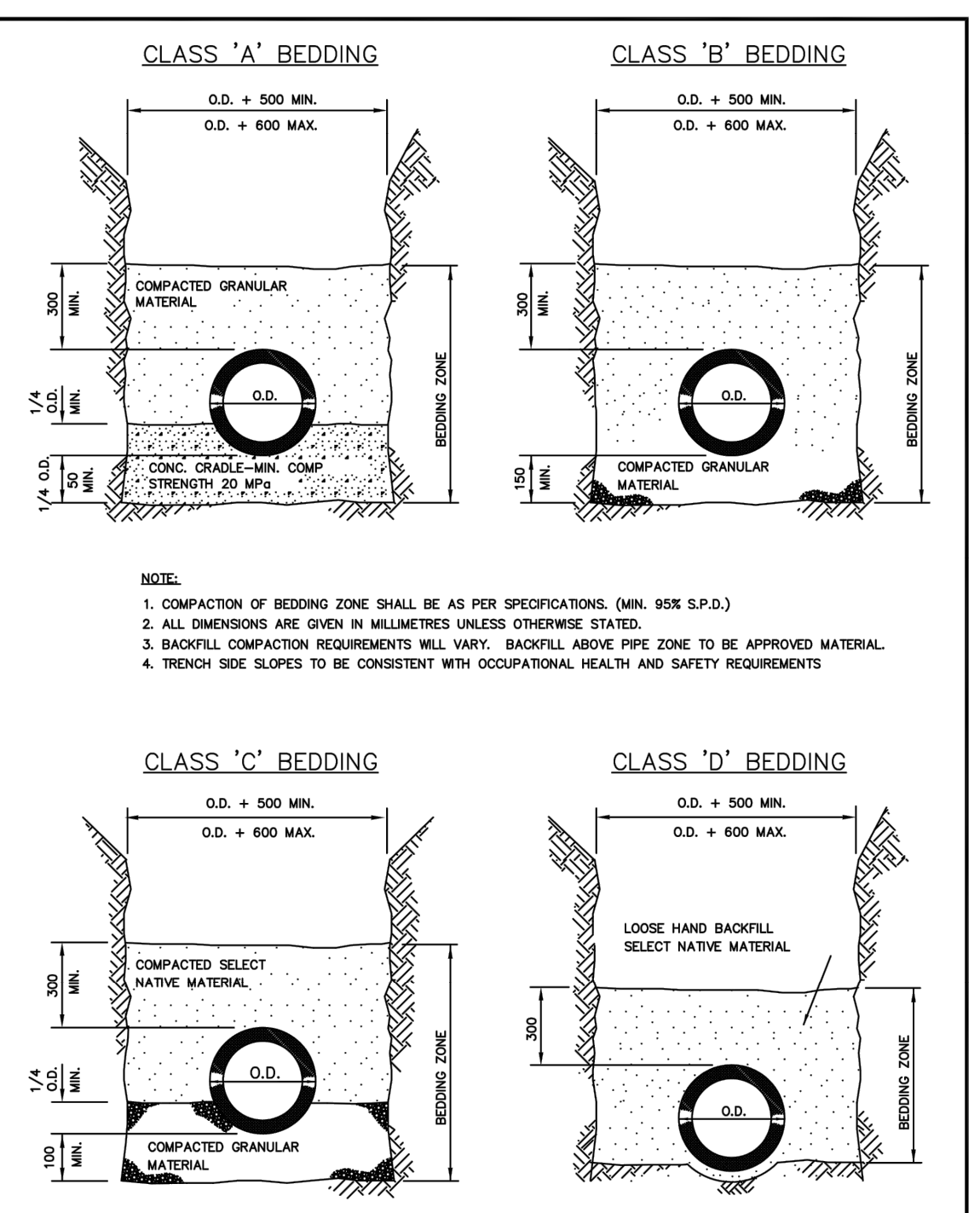
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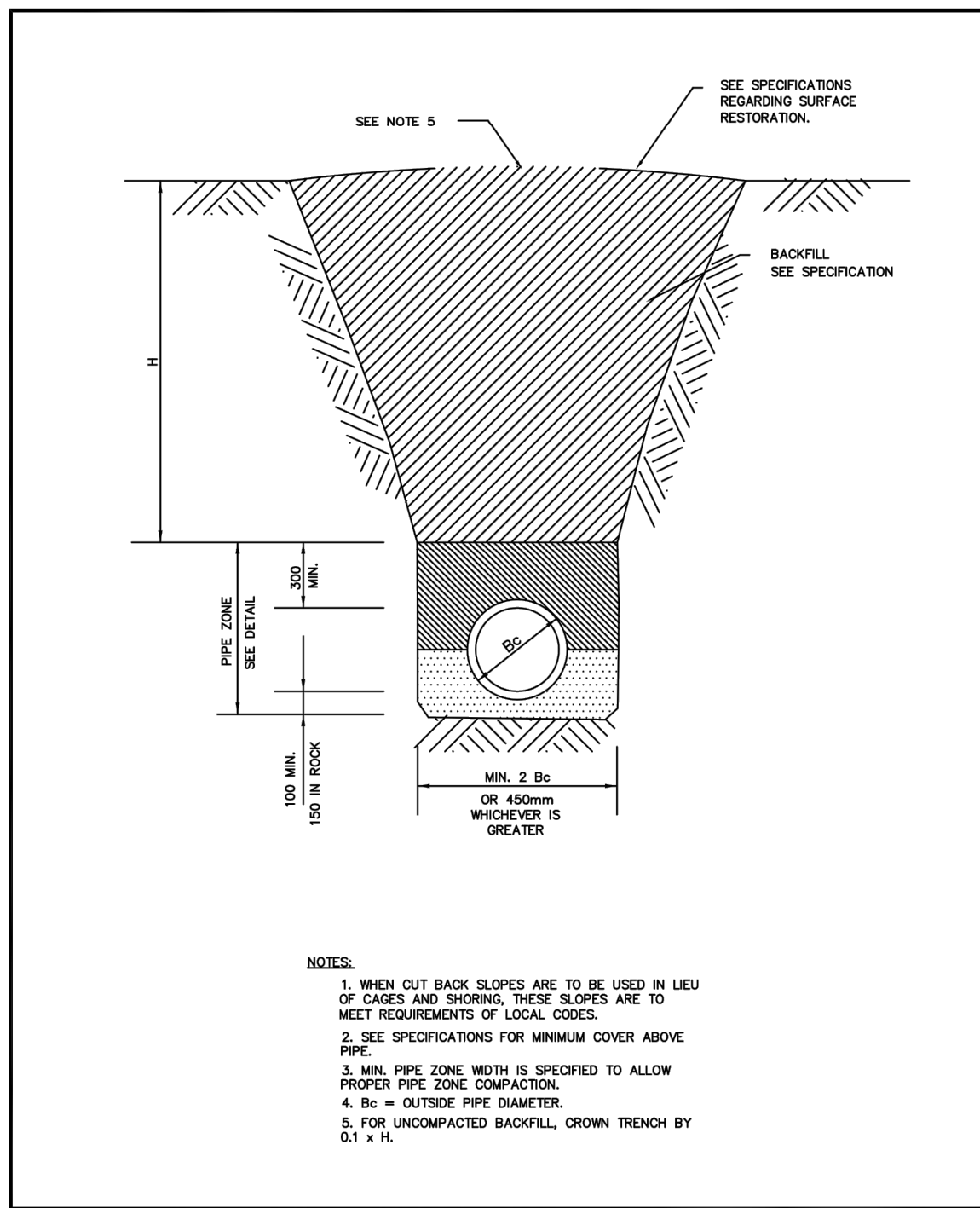
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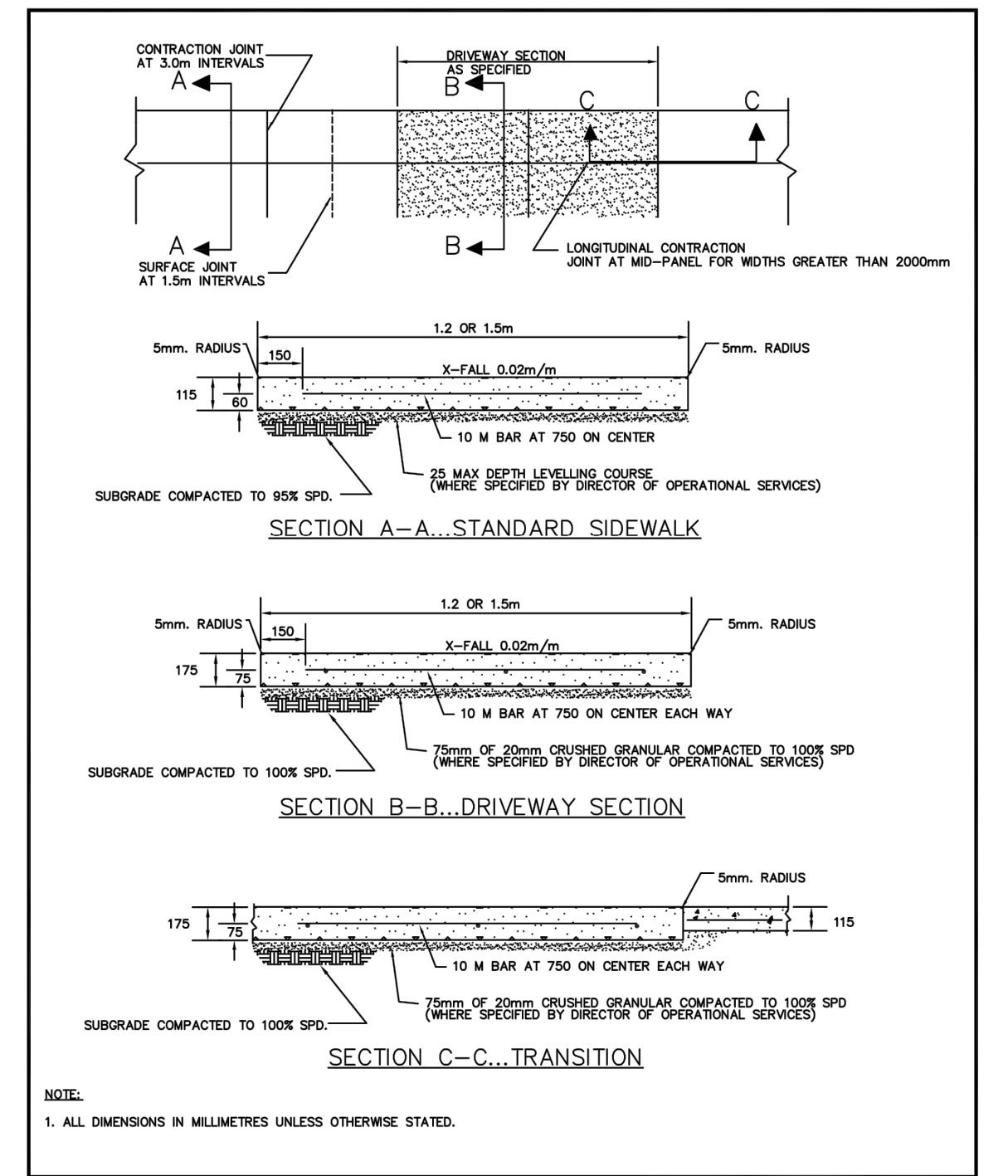
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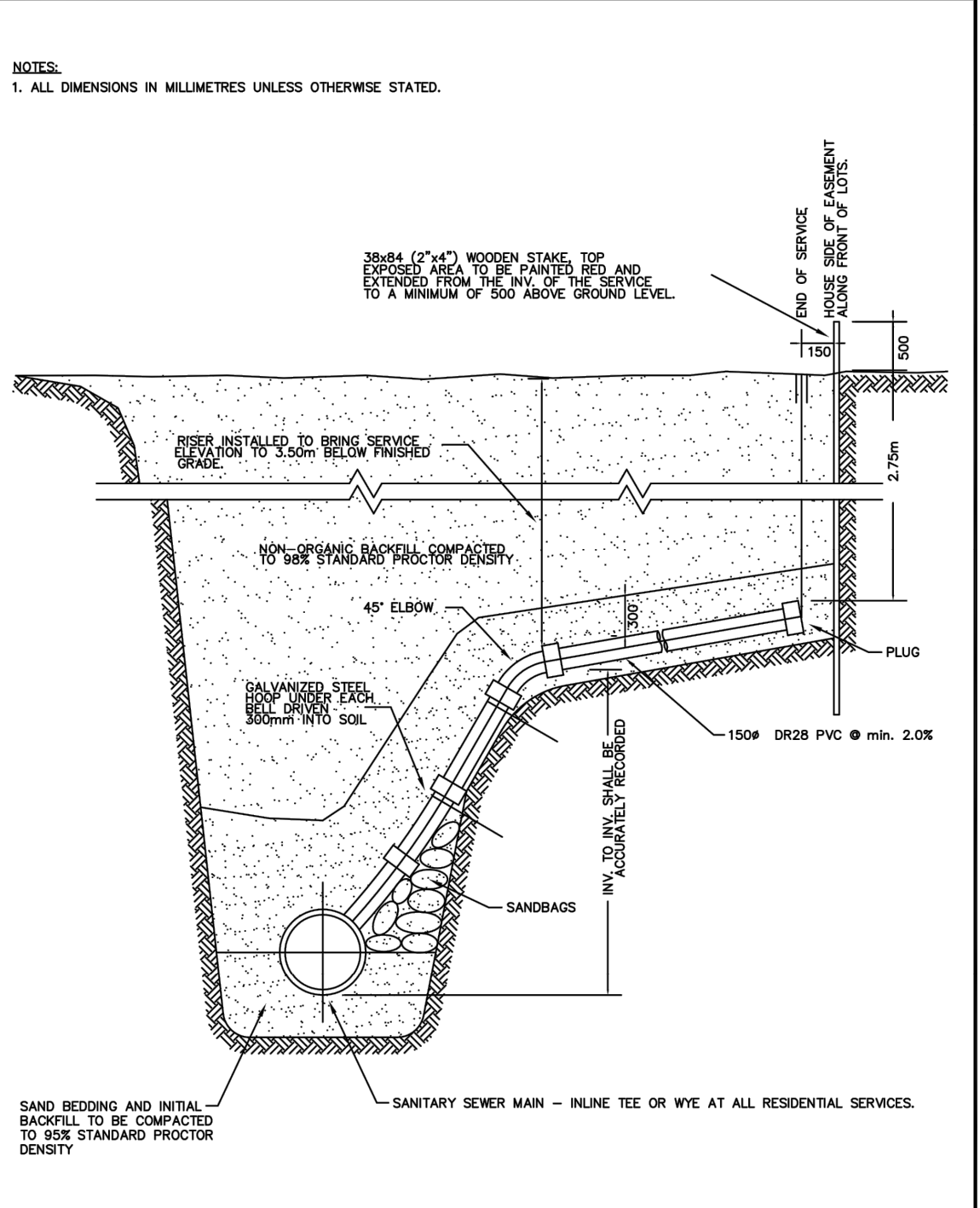
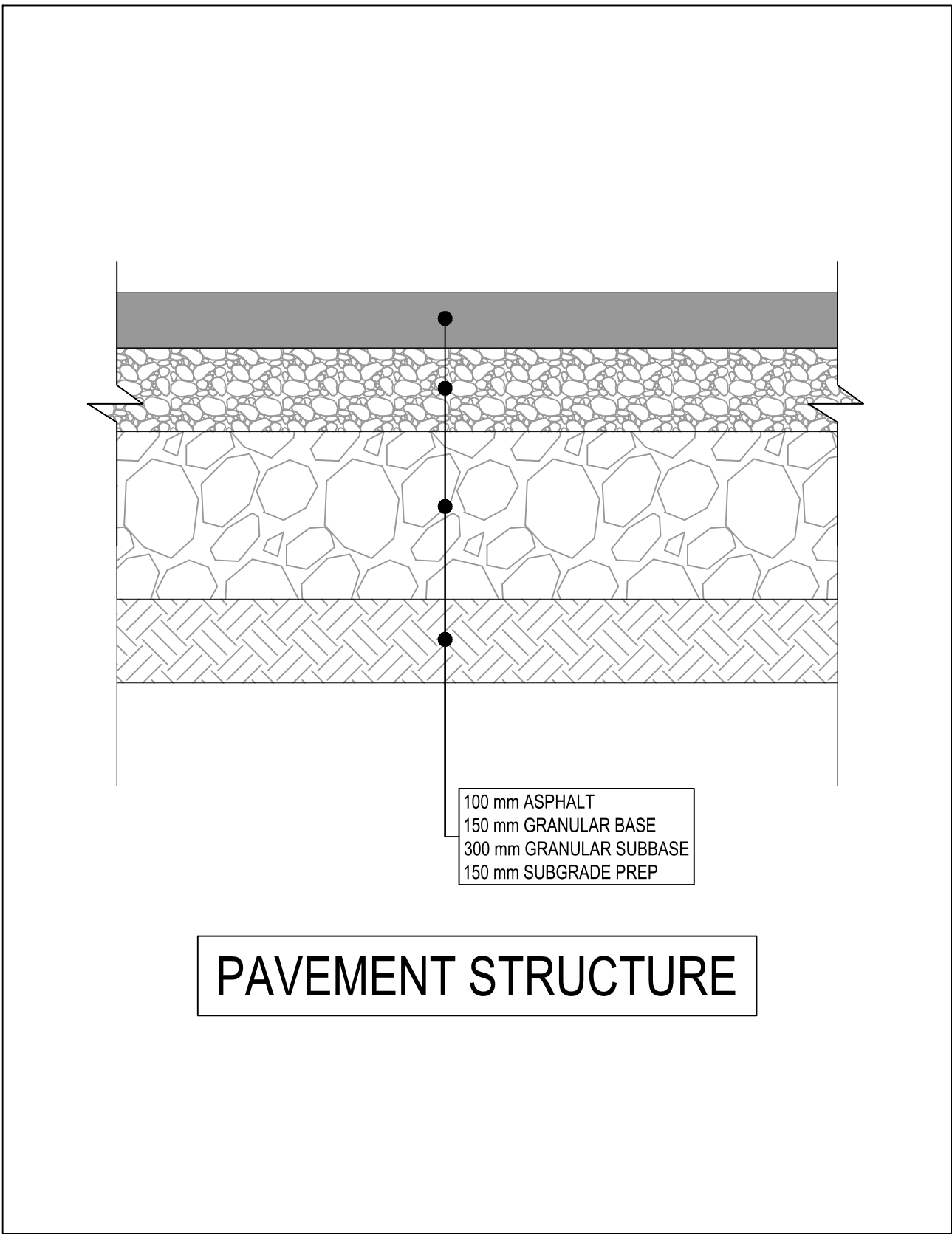
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	STD. DWG NO.	S-03	



	TITLE:	TYPICAL TRENCH DETAIL	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	S-07	



	TITLE:	1.20m OR 1.50m SEPARATE SIDEWALK	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	R-23	



	TITLE:	RESIDENTIAL SANITARY SEWER SERVICE RISER CONNECTION	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	S-05	

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



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241674 2024-02-06

TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

DETAILS

EDSON, ALBERTA

Drawing No.

C300

Project Number
3231-11020-00

Rev.
0

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