

DATE: 2024-05-16 10:25:45 FILE: X:\3231\Projects\3231-11020-00\Drawings\10.0 SANITARY UPGRADE\10.3.1 Sheets\1020-C00-C000-CC00-10-AVE.dwg

CLIENT

TOWN OF EDSON



ADDRESS / CONTACT INFO.

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

PROJECT NAME

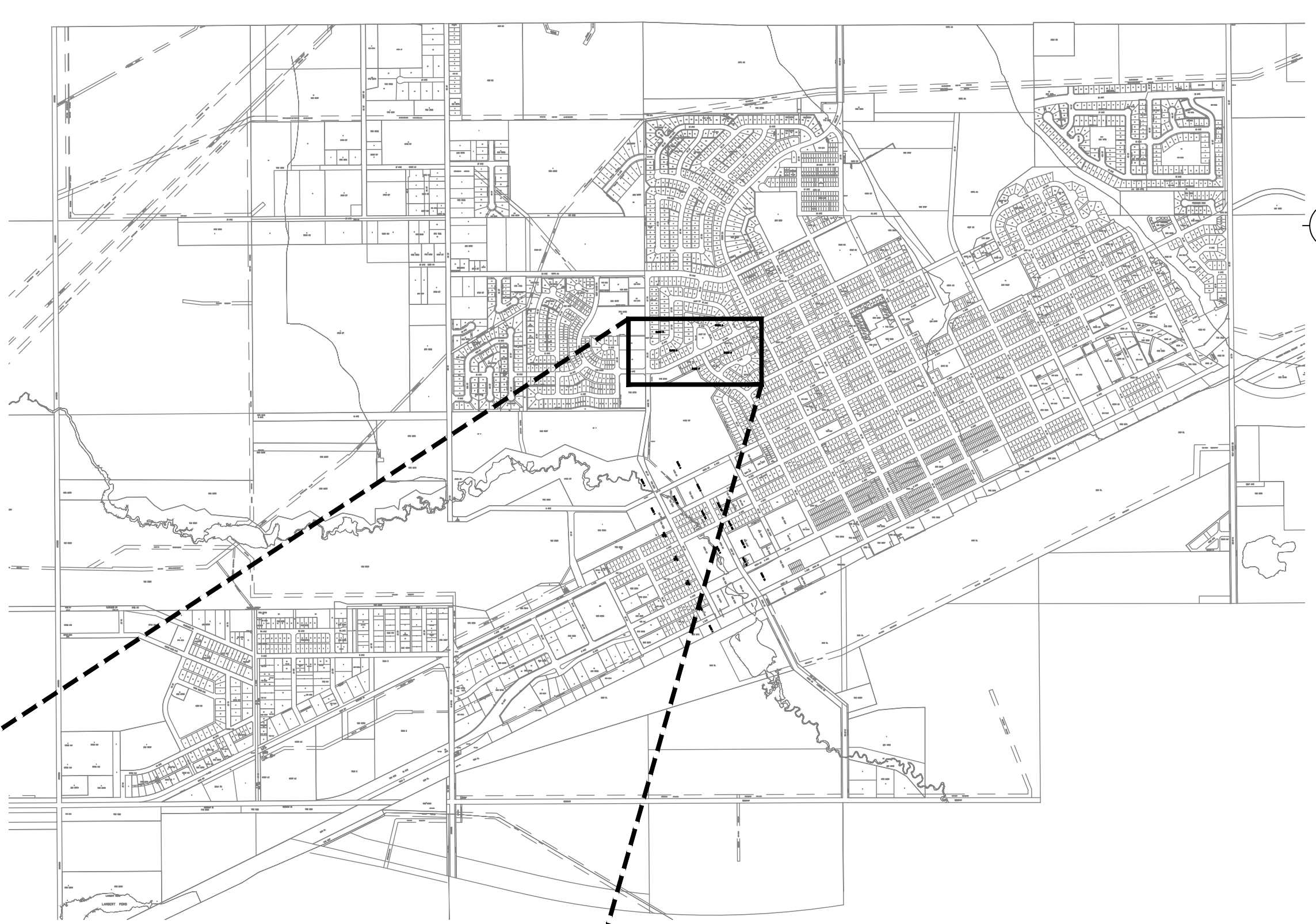
10 AVENUE - 56 STREET TO 52 STREET SANITARY UPGRADE

McELHANNEY PROJECT

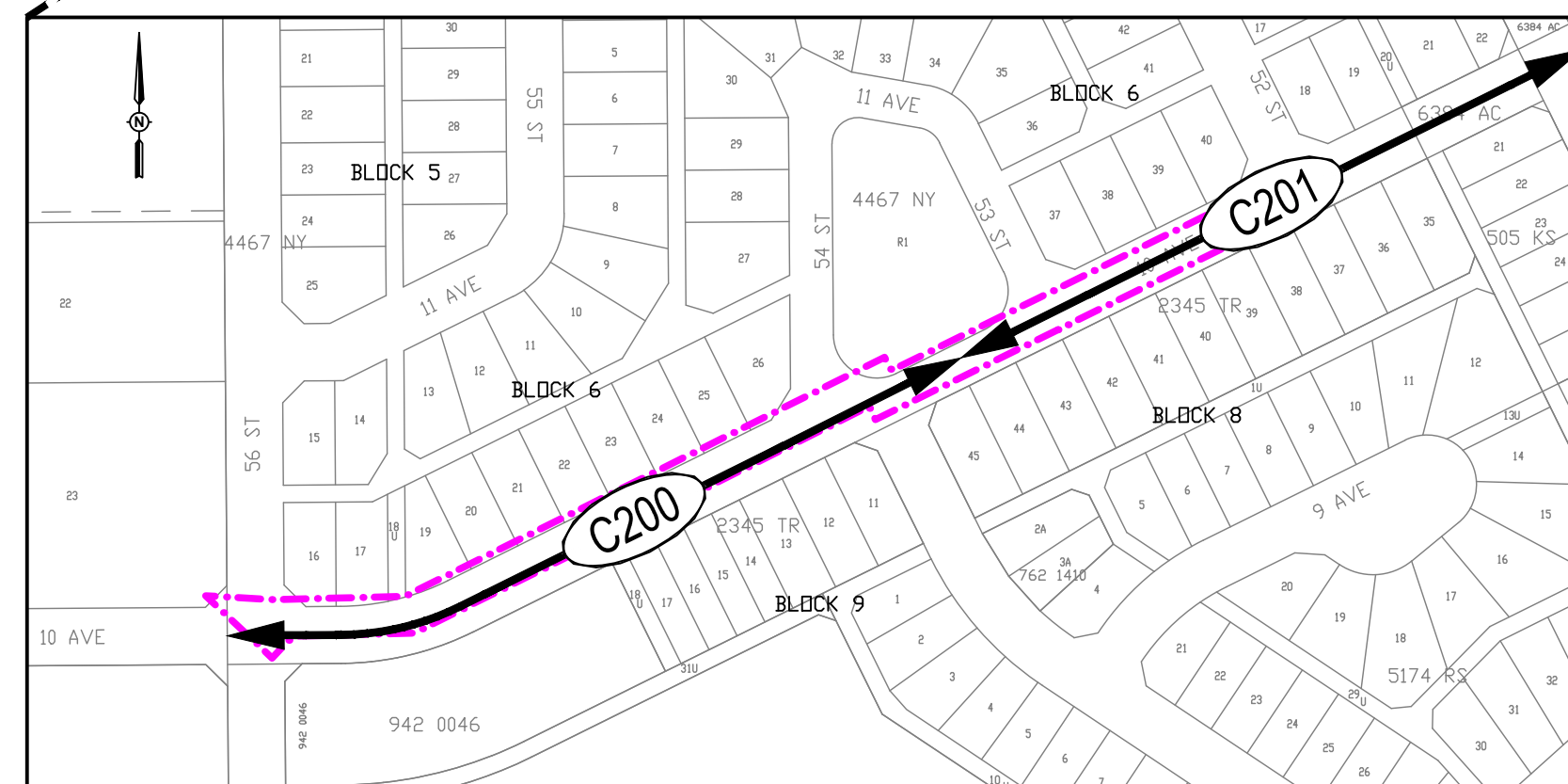
3231-11020-00

STATUS

ISSUED FOR TENDER



LOCATION PLAN - TOWN OF EDSON
SCALE NTS



KEY PLAN - 10 AVENUE - 56 STREET TO 52 STREET
SCALE 1:500

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. 1+000 TO STA. 1+280	
C201	PLAN AND PROFILE, STA. 1+280 TO STA. 1+520	
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

SURFACE RECONSTRUCTION LEGEND:

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

ABBREVIATIONS

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

NATURAL GAS

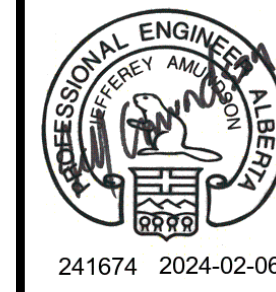
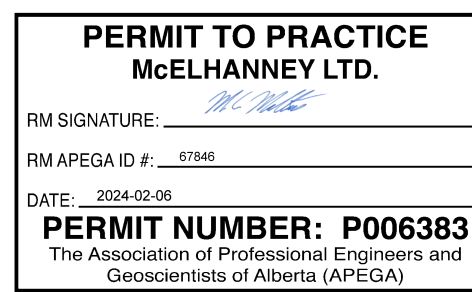
EXISTING	PROPOSED
	BURIED PIPE MARKER
	GAS VALVE
	UNDER GROUND PIPE
	ABOVE GROUND PIPE
	SERVICE CONNECTIONS

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



Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
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

Rev.
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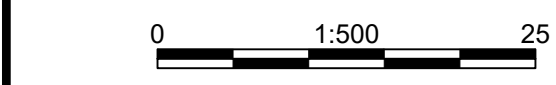


NOTE: CONTRACTOR TO CONFIRM SERVICE LOCATIONS FOR LOTS ALONG 10 AVENUE, FROM 52 STREET TO 56 STREET.

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Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
Tel 780 609 3200

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RM SIGNATURE: [Signature]
RM APEGA ID #: 67845
DATE: 2024-02-05
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

10 AVENUE
EXISTING SITE PLAN

EDSON, ALBERTA

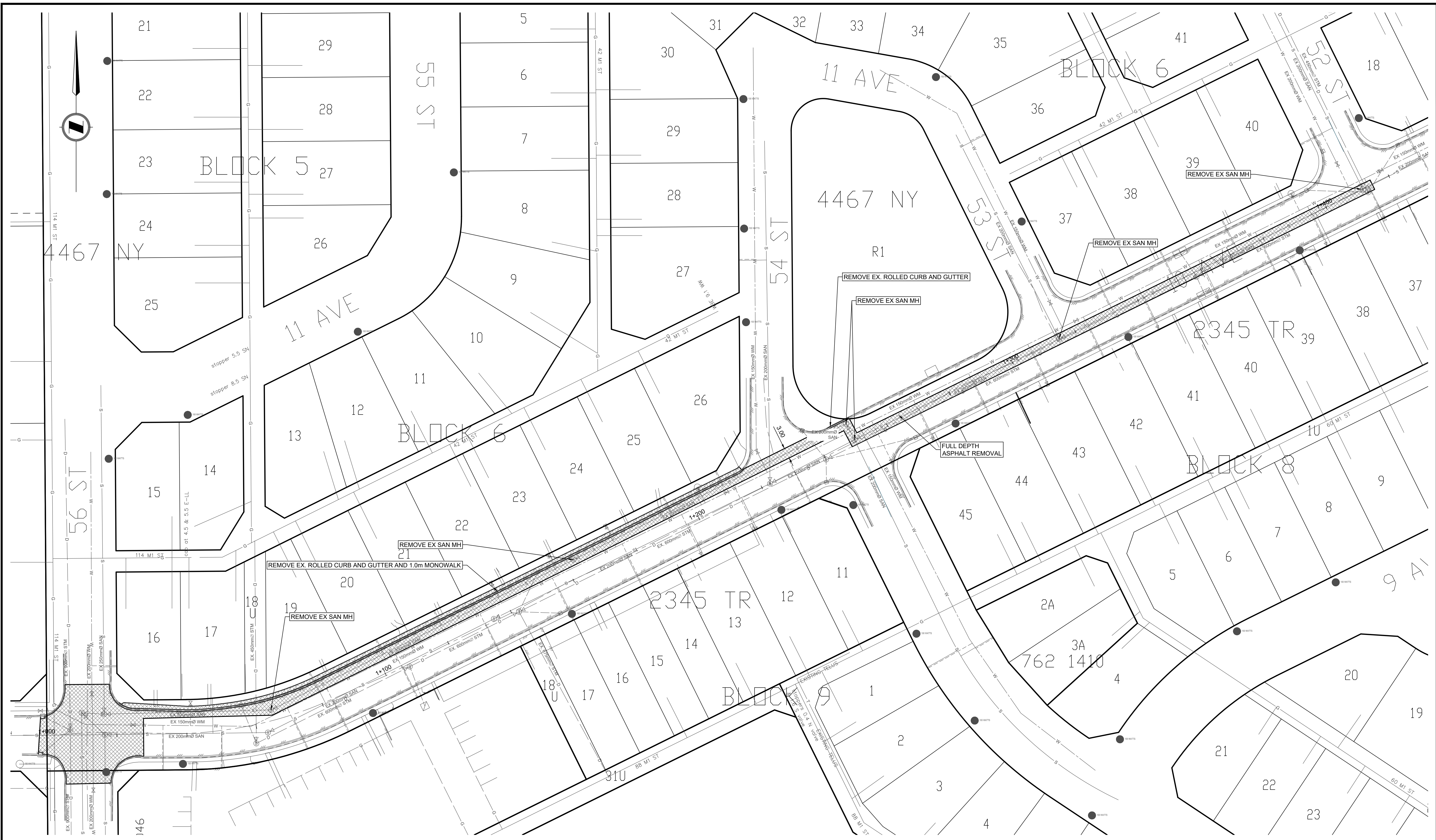
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C100

Project Number
3231-11020-00

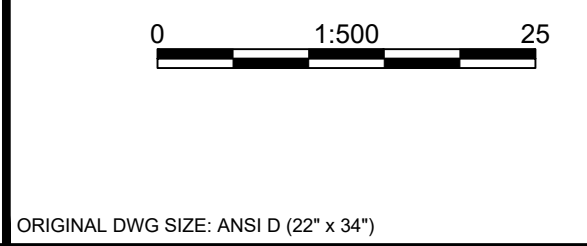
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McElhanney

Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
Tel 780 809 3200

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RM APEGA ID #: 67845
DATE: 2024-02-05
PERMIT NUMBER: P006383
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TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

**10 AVENUE
REMOVALS PLAN**

EDSON, ALBERTA

Drawing No.	
C101	
Project Number	Rev.
3231-11020-00	0

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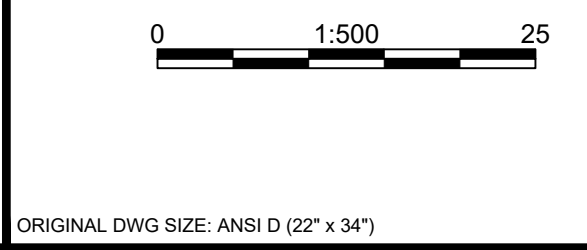
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- NOTES:
1. CONTRACTOR TO CONFIRM SERVICE LOCATIONS FOR LOTS ALONG 10 AVENUE, FROM 52 STREET TO 56 STREET.
 2. EXISTING SANITARY SERVICES FOR LOTS 20 TO 26, 37 TO 39, BLOCK 6 AND LOTS 37 TO 45, BLOCK 8 ALONG 10 AVENUE (BETWEEN 52 STREET TO 56 STREET), TO CONNECT TO NEW SANITARY MAIN.

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McElhanney

Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
Tel 780 609 3200

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RIM APEGA ID #: 67846
DATE: 2024-02-06
PERMIT NUMBER: P006383
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241674 2024-02-06
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TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

10 AVENUE UTILITIES PLAN

EDSON, ALBERTA

Drawing No. **C102**

Project Number 3231-11020-00

Rev. 0

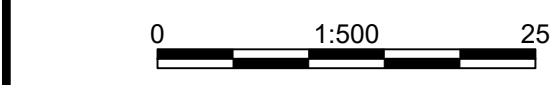
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ORIGINAL DWG SIZE: ANSI D (22" x 34")

McElhanney

Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
Tel 780 609 3200

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

**10 AVENUE
ROAD AND SIDEWALK PLAN**

EDSON, ALBERTA

Drawing No.
C103

Project Number
3231-11020-00

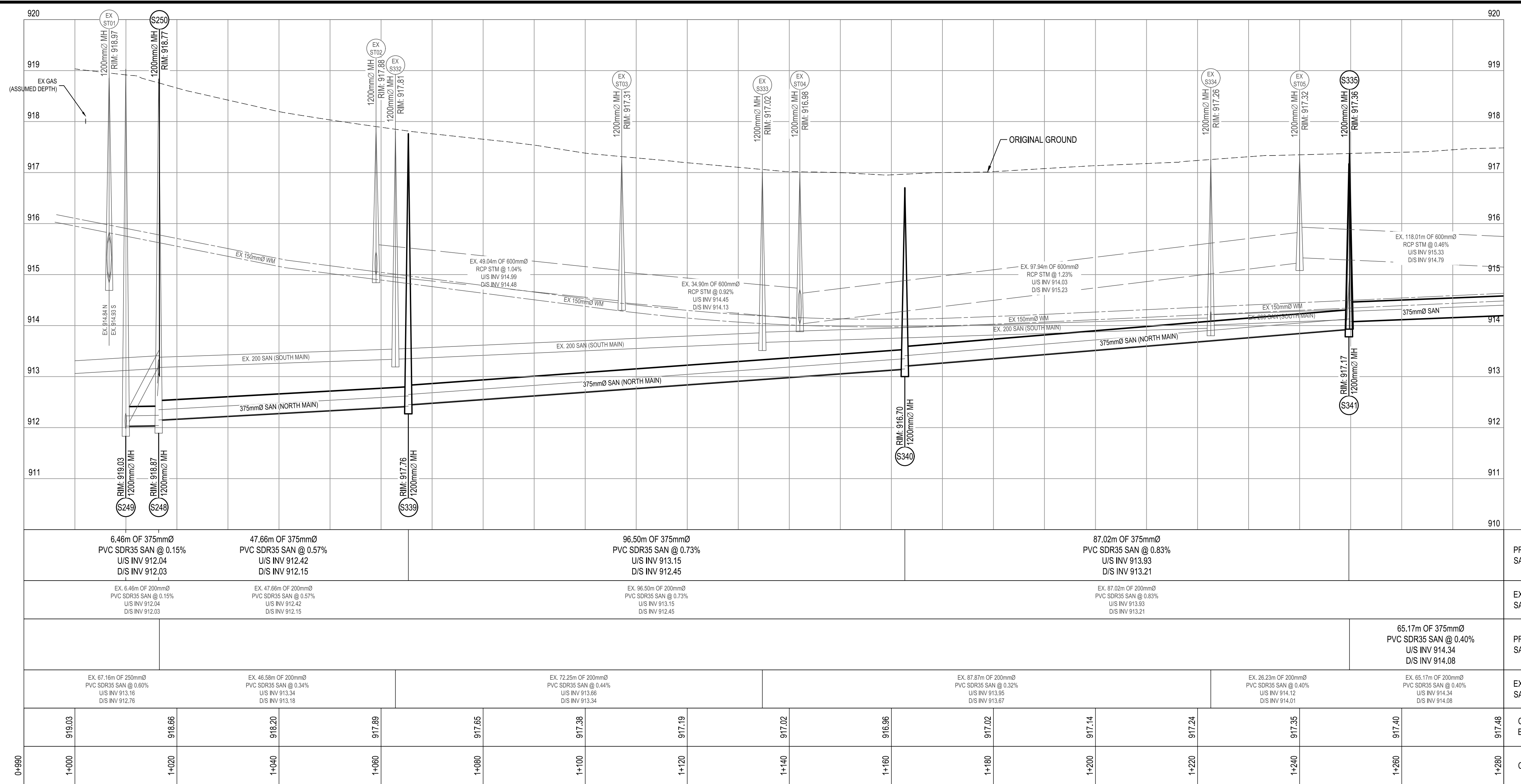
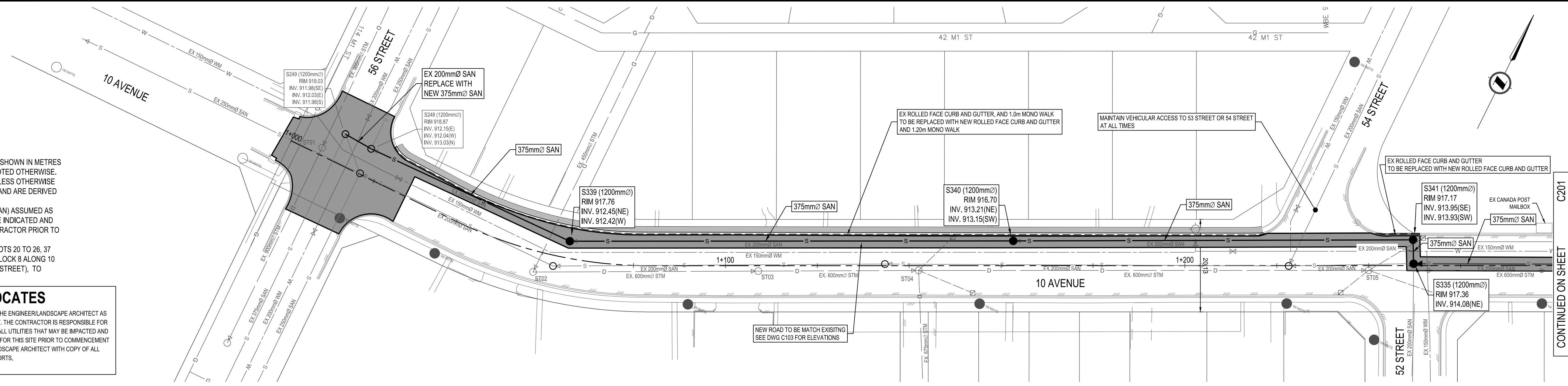
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- GENERAL NOTES:**
1. ALL DISTANCE AND ELEVATIONS ARE SHOWN IN METRES AND DECIMALS THERE OF UNLESS NOTED OTHERWISE. ELEVATIONS ARE GROUND LEVEL UNLESS OTHERWISE NOTED. ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM CSRS-PPP.
 2. ALL SERVICE CONNECTIONS (WM & SAN) ASSUMED AS COPPER OR PVC UNLESS OTHERWISE INDICATED AND LOCATIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO EXCAVATION.
 3. EXISTING SANITARY SERVICES FOR LOTS 20 TO 26, 37 TO 39, BLOCK 6 AND LOTS 37 TO 45, BLOCK 8 ALONG 10 AVENUE (BETWEEN 52 STREET TO 56 STREET), TO CONNECT TO NEW SANITARY MAIN.

UTILITY LOCATES

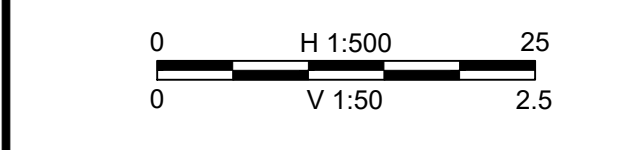
NO RESPONSIBILITY IS IMPLIED OR ASSUMED BY THE ENGINEER/LANDSCAPE ARCHITECT AS TO THE LOCATION AND ELEVATION OF ANY UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE AND LOCATION OF ALL UTILITIES THAT MAY BE IMPACTED AND MUST CONTACT THE VARIOUS UTILITY COMPANIES FOR THIS SITE PRIOR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



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

McElhanney

Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
Tel 780 609 3200

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RM SIGNATURE: [Signature]
RM APEGA ID #: 67946
DATE: 2024-02-08
PERMIT NUMBER: P006383
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Permit

PROFESSIONAL ENGINEER
ALBERTA

241674 2024-02-06
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TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

10 AVENUE - PLAN AND PROFILE
STA. 1+000 TO STA. 1+280

EDSON, ALBERTA

Drawing No. **C200**

Project Number 3231-11020-00

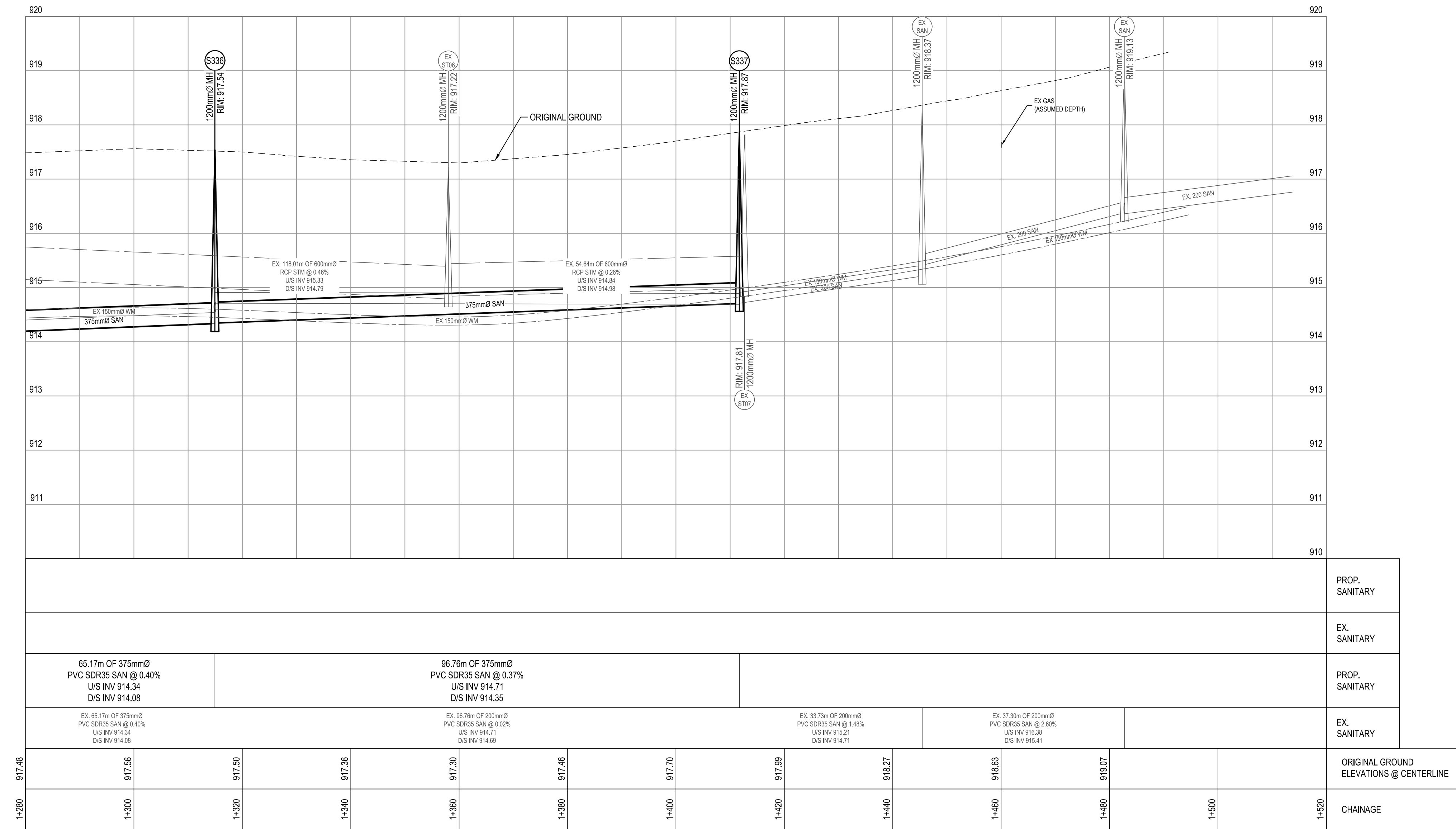
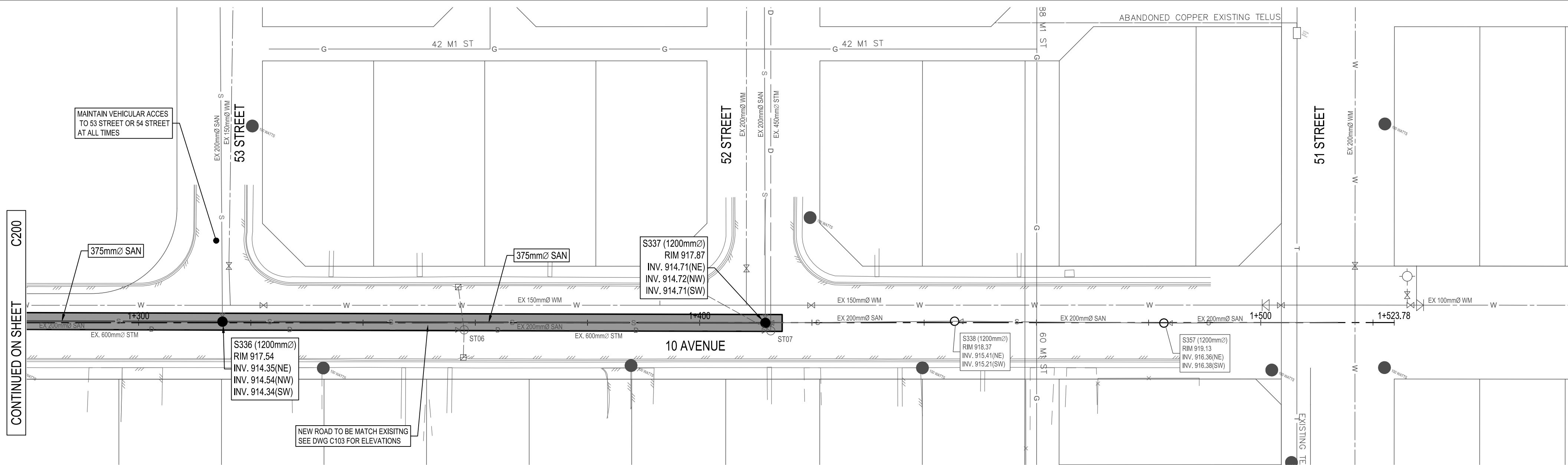
Rev. 0

DESTROY ALL PRINTS BEARING PREVIOUS REVISION

- GENERAL NOTES:**
1. ALL DISTANCE AND ELEVATIONS ARE SHOWN IN METRES AND DECIMALS THERE OF UNLESS NOTED OTHERWISE.
 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 FOR LOTS 20 TO 26, 37 TO 39, BLOCK 6 AND LOTS 37 TO 45, BLOCK 8 ALONG 10 AVENUE (BETWEEN 52 STREET TO 56 STREET), TO CONNECT TO NEW SANITARY MAIN.

UTILITY LOCATES

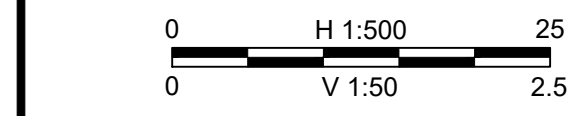
NO RESPONSIBILITY IS IMPLIED OR ASSUMED BY THE ENGINEER/LANDSCAPE ARCHITECT AS TO THE LOCATION AND ELEVATION OF ANY UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE AND LOCATION OF ALL UTILITIES THAT MAY BE IMPACTED AND MUST CONTACT THE VARIOUS UTILITY COMPANIES FOR THIS SITE PRIOR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



DATE: 2024-02-05, 16:29 FILE: X:\3231\Projects\3231-11020-00\10th Ave & 6th Ave Sanitary Upgrade\10.0 DRAWINGS\10.3 Engineering\10.3.1 Sheets\1020-C00-C200-PLAN & PROFILE.dwg

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Unit 201
13455 114 Avenue
Edmonton AB
Canada T5M 2E2
Tel 780 609 3200

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RIM APEGA ID #: 67846
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PERMIT NUMBER: P006383
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TOWN OF EDSON
605 - 50 STREET, EDSON, ALBERTA, T5E 1T7

10 AVENUE - PLAN AND PROFILE
STA. 1+280 TO STA. 1+520

EDSON, ALBERTA

Drawing No.

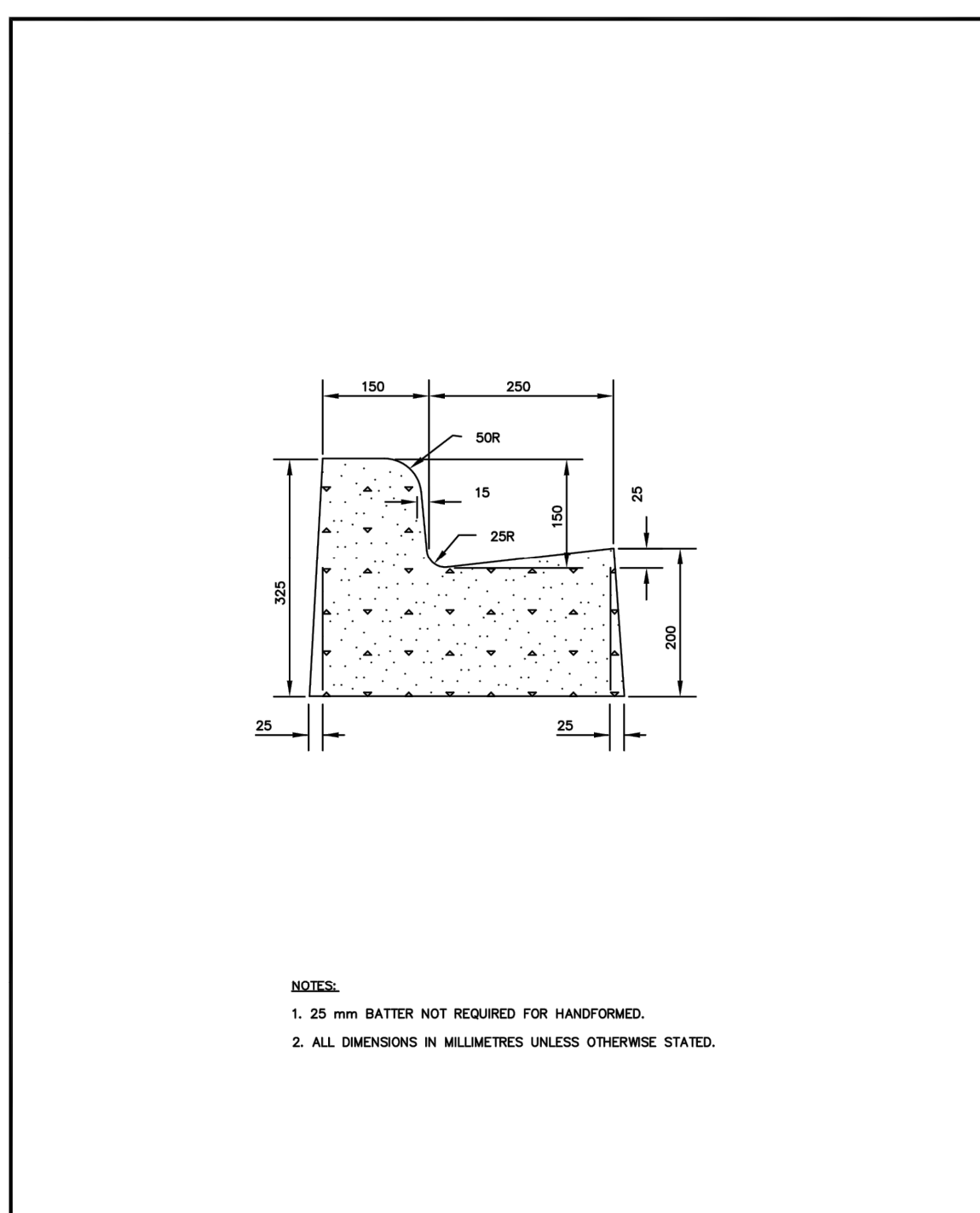
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Project Number
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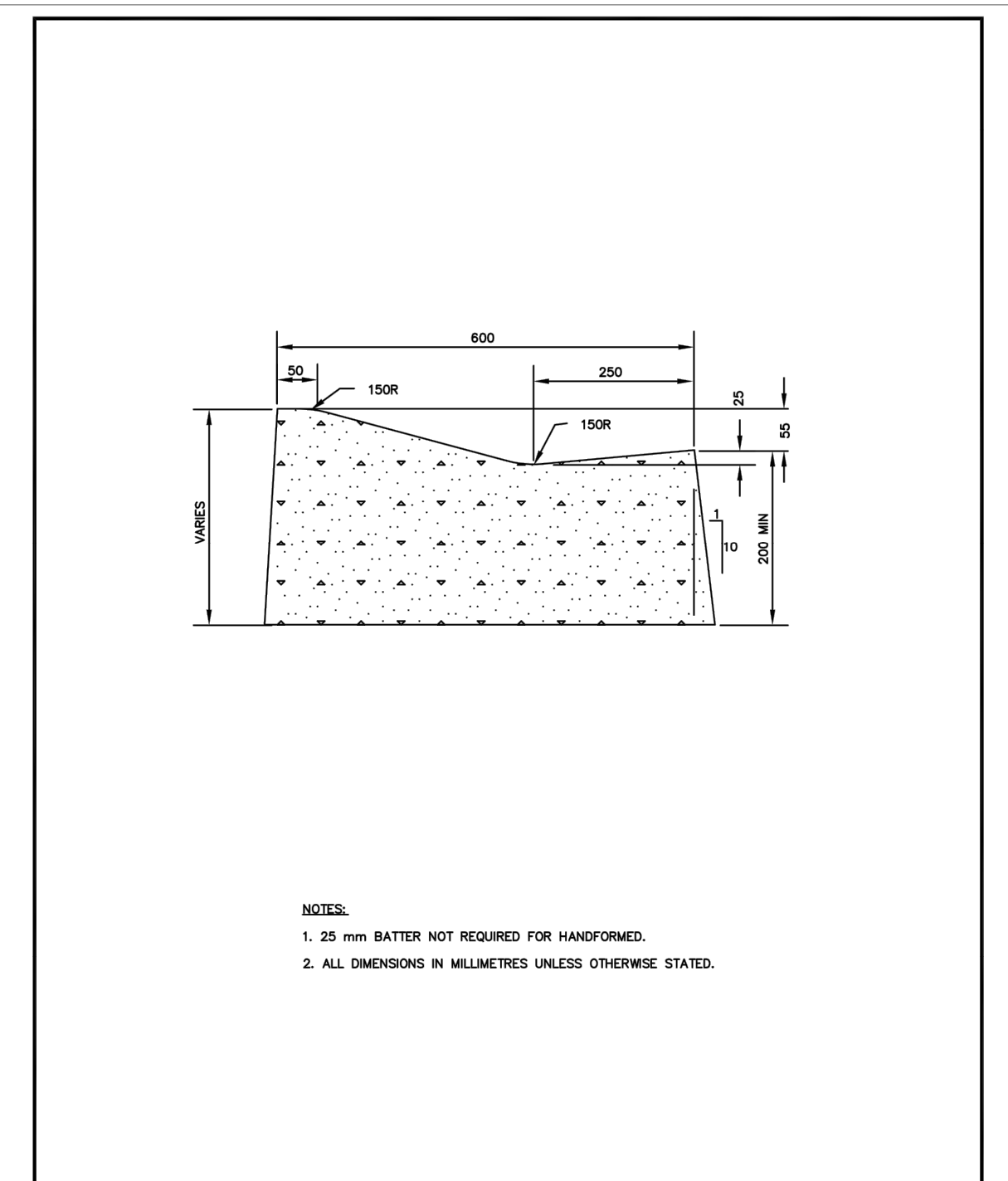
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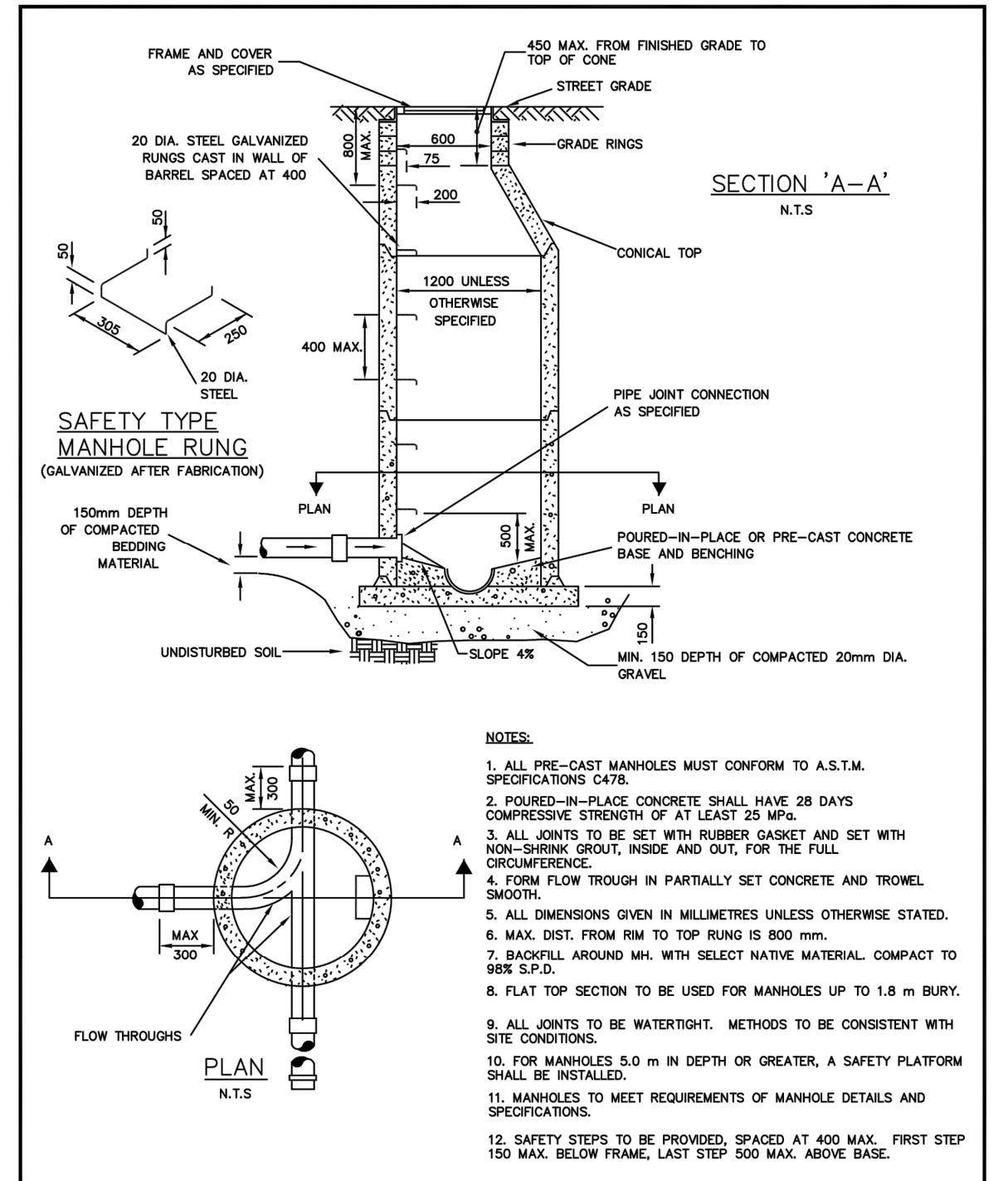
- NOTES:
- 25 mm BATTER NOT REQUIRED FOR HANDFORMED.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

	TITLE:	250mm STANDARD CURB & GUTTER	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	R-19	



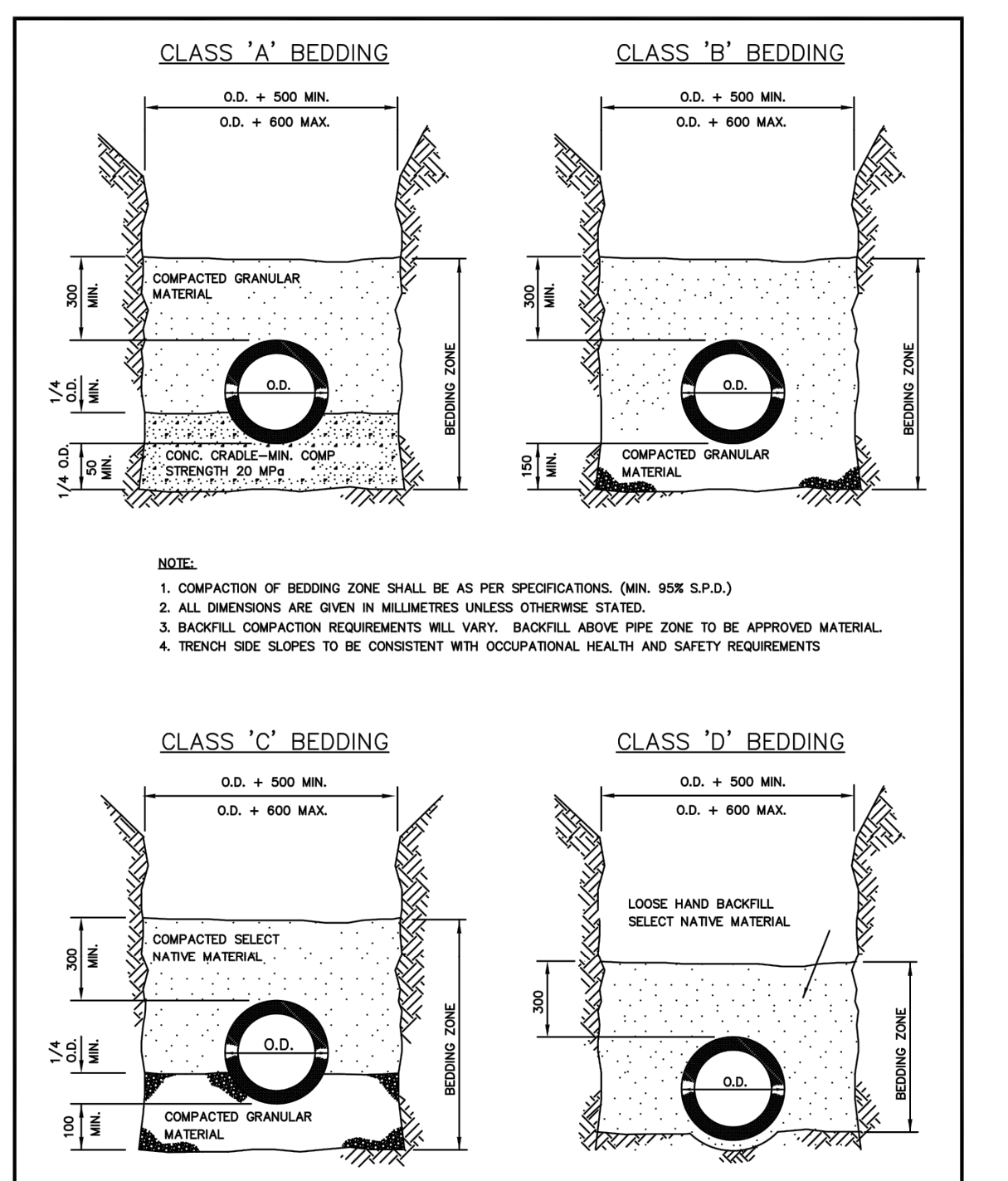
- NOTES:
- 25 mm BATTER NOT REQUIRED FOR HANDFORMED.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

	TITLE:	250mm ROLLED CURB AND GUTTER	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	R-20	



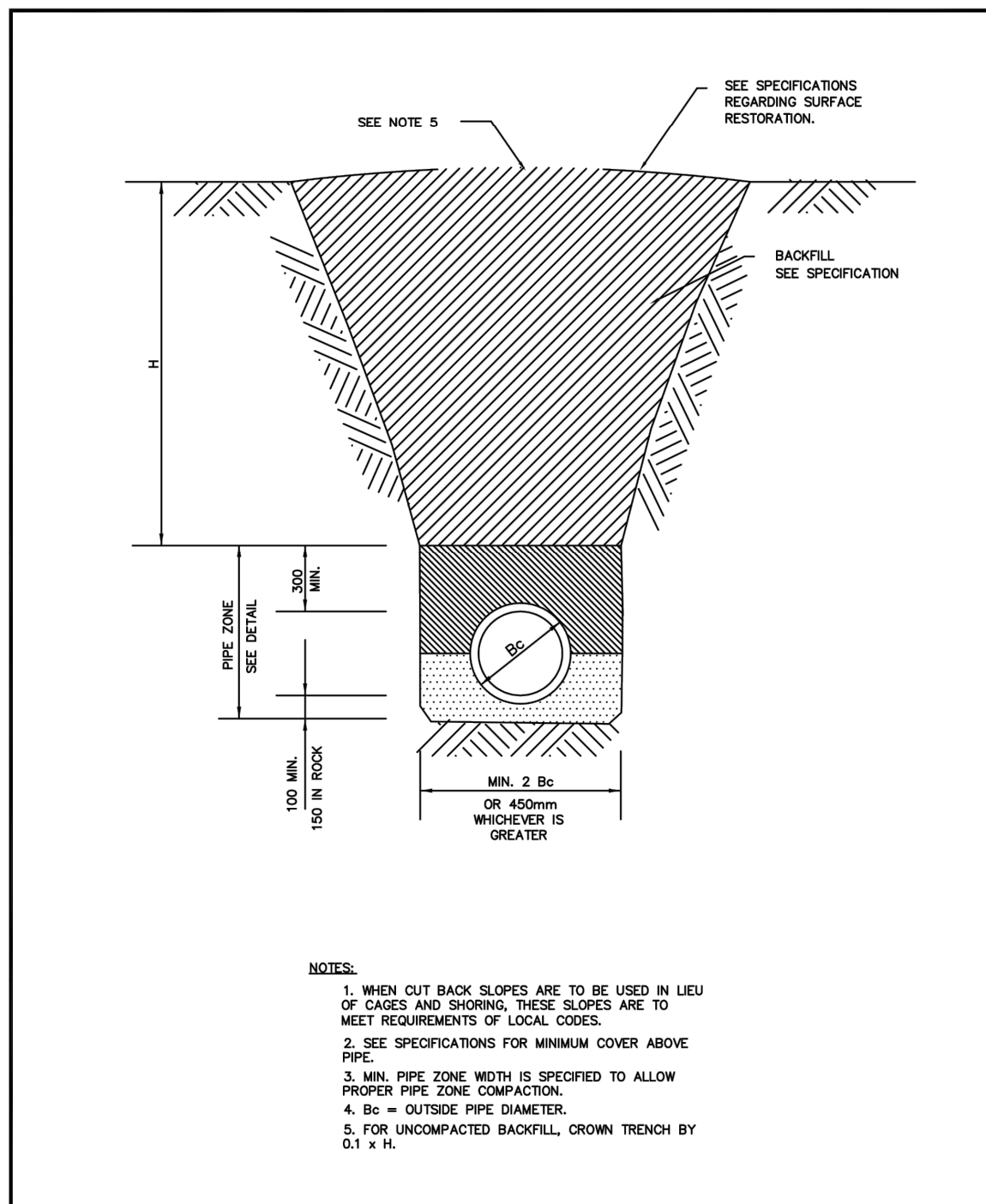
- NOTES:
- ALL PRE-CAST MANHOLES MUST CONFORM TO A.S.T.M. SPECIFICATIONS C478.
 - POURED-IN-PLACE CONCRETE SHALL HAVE 28 DAYS COMPRESSIVE STRENGTH OF AT LEAST 25 MPa.
 - ALL JOINTS TO BE SET WITH RUBBER GASKET AND SET WITH NON-SHINK GROUT, INSIDE AND OUT, FOR THE FULL CIRCUMFERENCE.
 - FORM FLOW TROUGH IN PARTIALLY SET CONCRETE AND TROWEL SMOOTH.
 - ALL DIMENSIONS GIVEN IN MILLIMETRES UNLESS OTHERWISE STATED.
 - MAX. DIST. FROM RIM TO TOP RING IS 800 mm.
 - BACKFILL AROUND MH WITH SELECT NATIVE MATERIAL, COMPACT TO 98% S.P.D.
 - FLAT TOP SECTION TO BE USED FOR MANHOLES UP TO 1.8 m BURY.
 - ALL JOINTS TO BE WATER TIGHT. METHODS TO BE CONSISTENT WITH SITE CONDITIONS.
 - FOR MANHOLES 5.0 m IN DEPTH OR GREATER, A SAFETY PLATFORM SHALL BE INSTALLED.
 - MANHOLES TO MEET REQUIREMENTS OF MANHOLE DETAILS AND SPECIFICATIONS.
 - SAFETY STEPS TO BE PROVIDED, SPACED AT 400 MAX. FIRST STEP 150 MAX. BELOW FRAME, LAST STEP 500 MAX. ABOVE BASE.

	TITLE:	MANHOLE DETAIL TYPE 5A PRECAST	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	S-01	



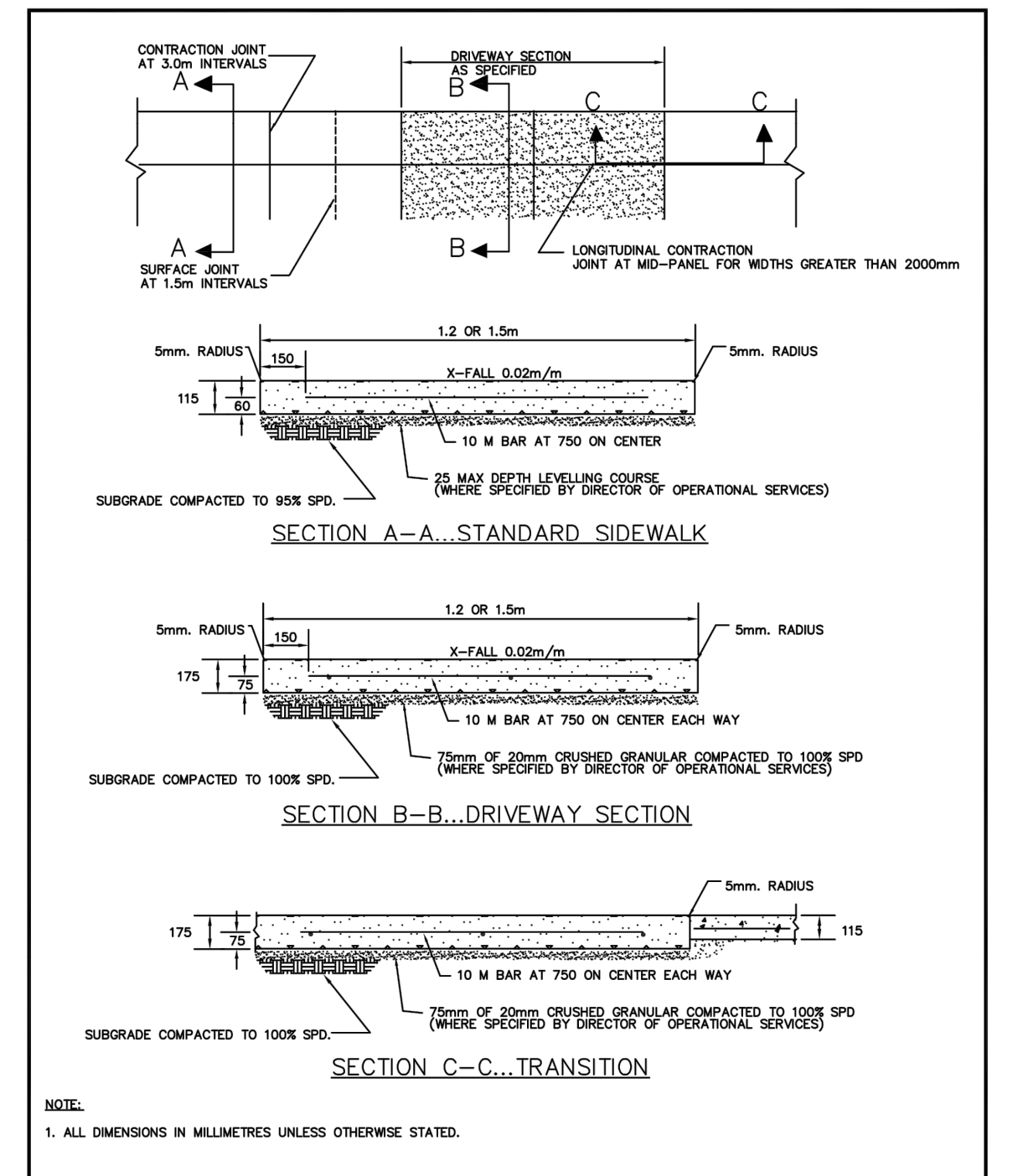
- NOTE:
- COMPACTION OF BEDDING ZONE SHALL BE AS PER SPECIFICATIONS. (MIN. 95% S.P.D.)
 - ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE STATED.
 - BACKFILL COMPACTION REQUIREMENTS WILL VARY. BACKFILL ABOVE PIPE ZONE TO BE APPROVED MATERIAL.
 - TRENCH SIDE SLOPES TO BE CONSISTENT WITH OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS

	TITLE:	PIPE BEDDING DETAILS	STANDARD DETAILS
	SCALE:	N.T.S.	
	DATE:	JAN 2007	
	STD. DWG NO.	S-03	



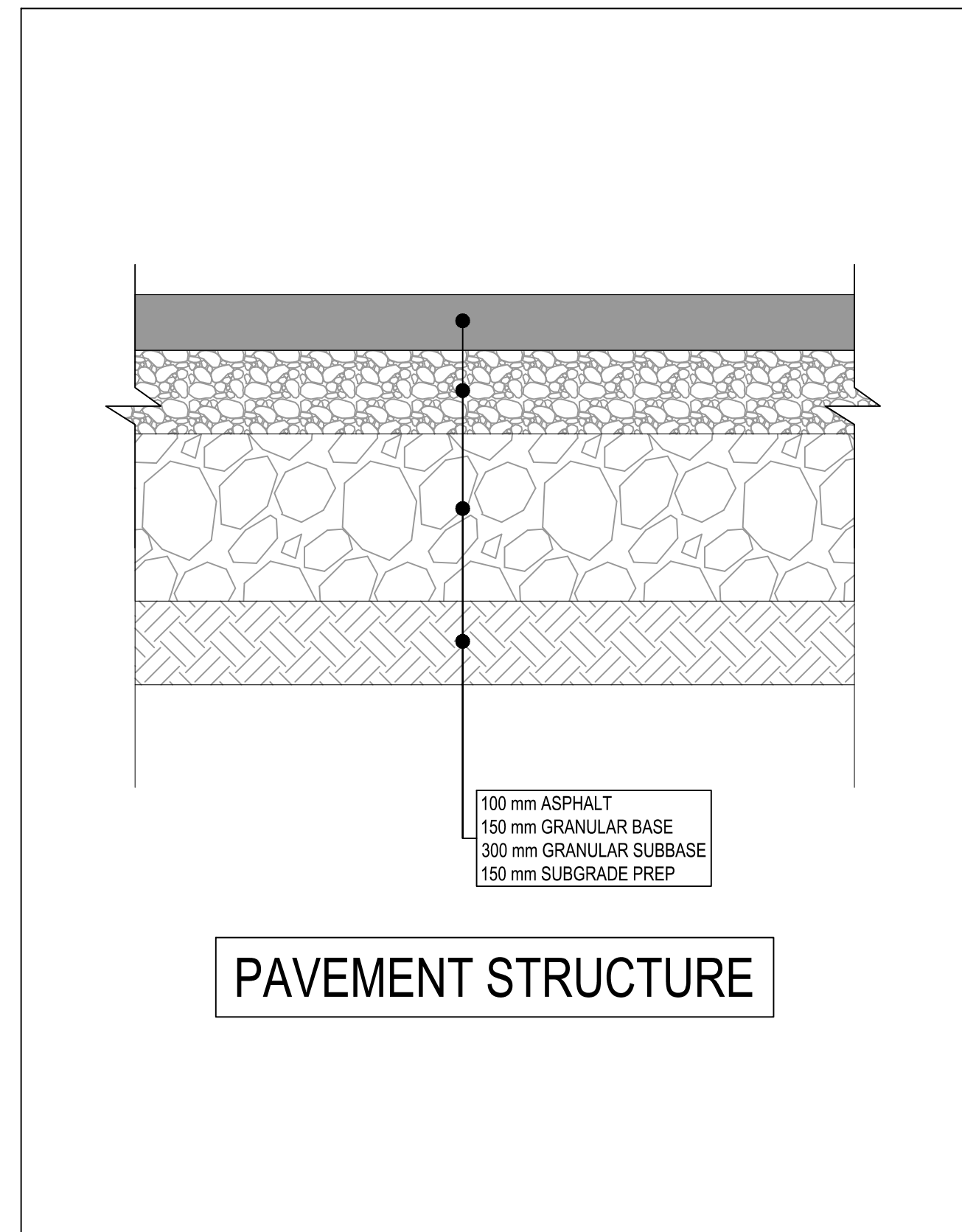
- NOTES:
- WHEN CUT BACK SLOPES ARE TO BE USED IN LIEU OF CAGES AND SHORING, THESE SLOPES ARE TO MEET REQUIREMENTS OF LOCAL CODES.
 - SEE SPECIFICATIONS FOR MINIMUM COVER ABOVE PIPE.
 - MIN. PIPE ZONE WIDTH IS SPECIFIED TO ALLOW PROPER PIPE ZONE COMPACTION.
 - Bc = OUTSIDE PIPE DIAMETER.
 - FOR UNCOMPACTED BACKFILL, CROWN TRENCH BY 0.1 x H.

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

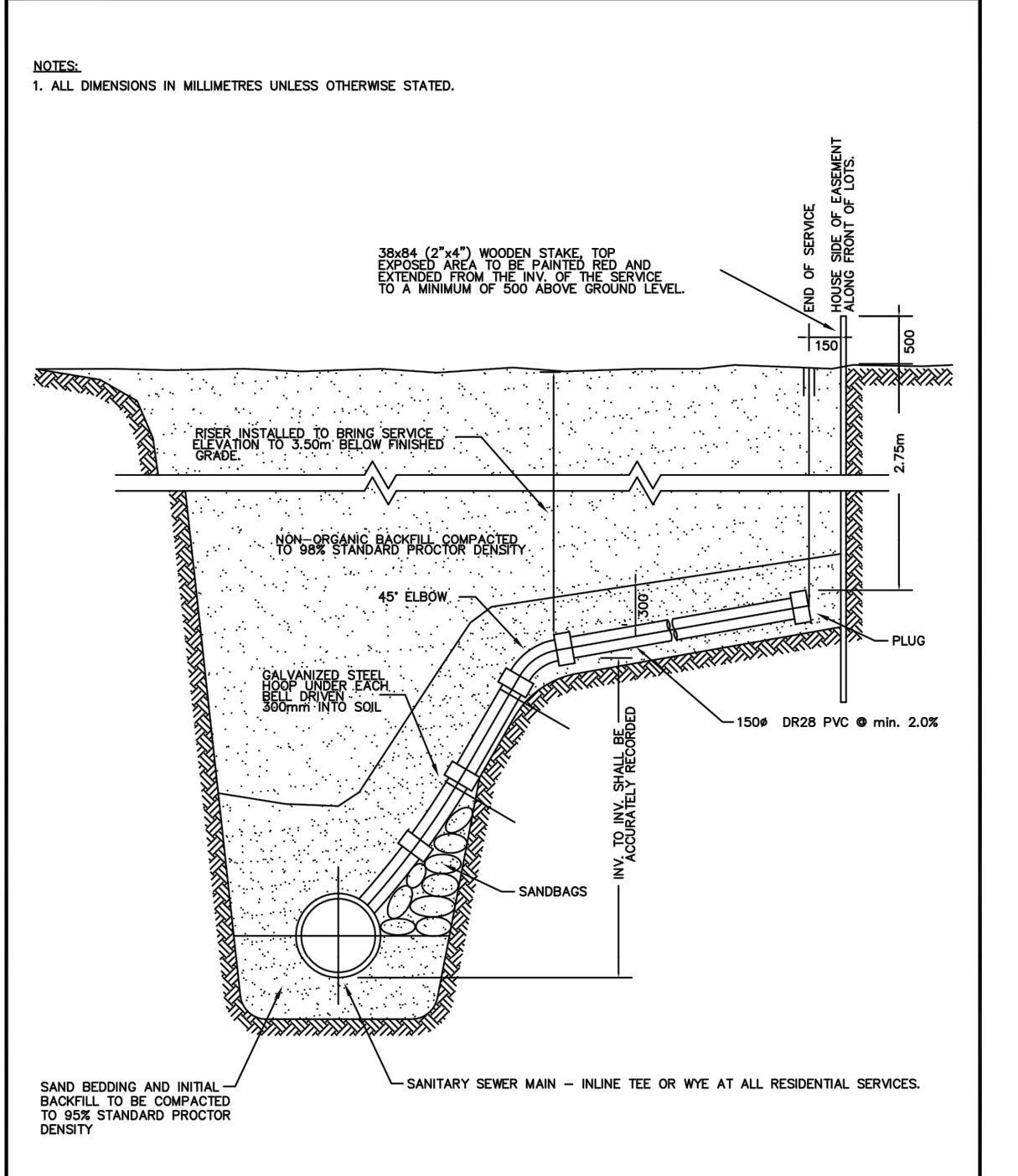


- NOTE:
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

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



PAVEMENT STRUCTURE



- NOTES:
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

	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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McElhanney

Unit 201
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Edmonton AB
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TOWN OF EDSON
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DETAILS

EDSON, ALBERTA

Drawing No.
C300

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