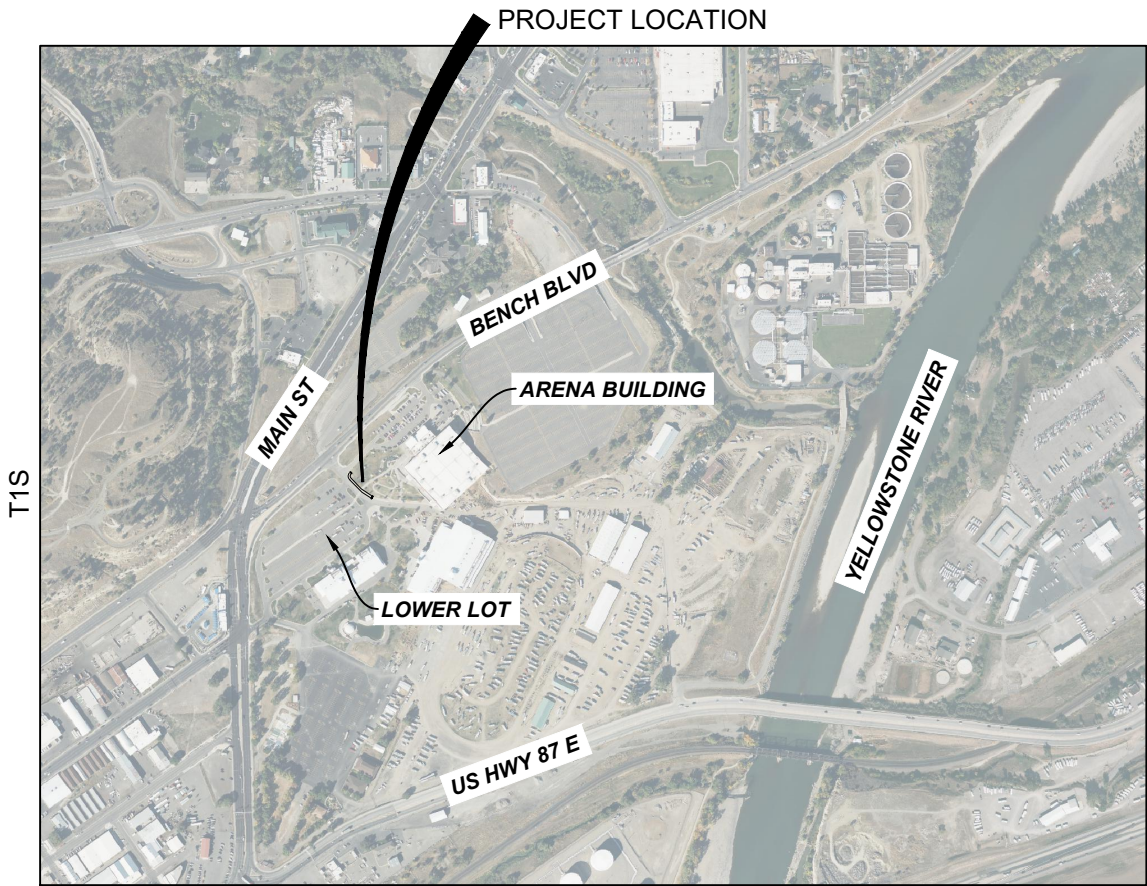


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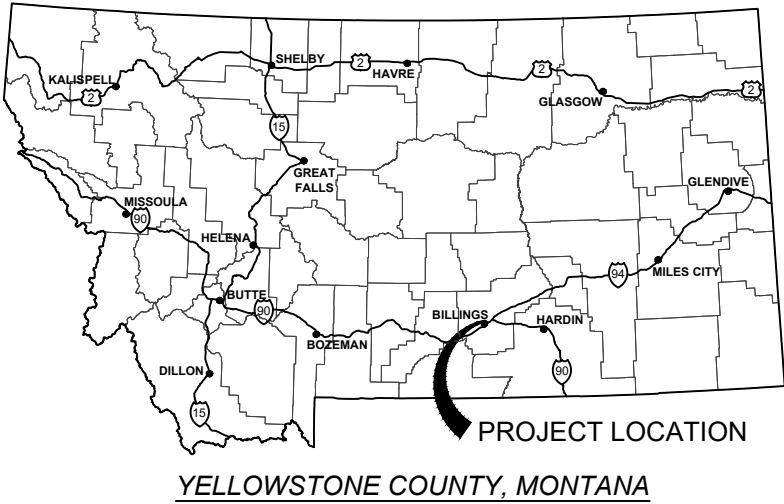
CONSTRUCTION DRAWINGS

YELLOWSTONE COUNTY
METRAPARK BENCH BLVD EXIT

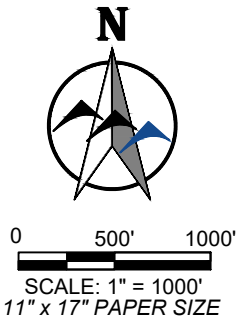
Sheet List Table	
Sheet Number	Sheet Title
1	COVER
2	GENERAL NOTES
3	DEMO SHEET
4	GRADING SHEET
5	GRADING SHEET
6	PROPOSED STORM
7	STRIPING SHEET
8	PIN-DOWN CURB DETAIL



R26E
LOCATION MAP



YELLOWSTONE COUNTY, MONTANA



BID SET

PREPARED FOR:

YELLOWSTONE COUNTY

217 N 27TH ST
BILLINGS, 59101

PREPARED BY:

 WWC ENGINEERING

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DESIGNED BY: JMD

DRAWN BY: JMD

CHECKED BY: GTR

DATE: 8/6/2026

PROJECT NO. 2025-086

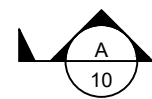
NO.	REVISION	BY	DATE

DRAWING NO. 1

GENERAL CONSTRUCTION NOTES

1. UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS, ALL WORK SHALL CONFORM TO MPWSS, LATEST EDITION AND THESE PLANS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS REQUIRED AND CONSTRUCTION TESTING FOR CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL RESTORE ALL ROADWAY TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION, AS DETERMINED BY THE OWNER AND THE ENGINEER.
4. THE LOCATION, DEPTH AND SIZE OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTENCE, LOCATION, DEPTH, SIZE, LINE AND GRADE OF EXISTING UTILITY CONNECTIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FACILITIES DUE TO FAILURE TO LOCATE OR PROVIDE PROPER PROTECTION WHEN LOCATION IS KNOWN.
5. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY FITTINGS, COUPLINGS AND SPOOL PIECES FOR CONNECTING NEW UTILITIES TO EXISTING UTILITIES. THESE PLANS MAY NOT SHOW ALL REQUIRED COMPONENTS FOR MAKING THE CONNECTIONS.
6. ALL BACKFILL FOR UTILITY TRENCHES SHALL BE TYPE "A," UTILIZING TYPE 1 BEDDING, UNLESS DIRECTED OTHERWISE BY ENGINEER. SPECIFIED BEDDING SHALL BE FROM 4" BENEATH THE PIPE TO 6" ABOVE THE TOP OF PIPE (SEE MPWSS STANDARD DRAWING 02221-1). THE COST OF THIS ADDITIONAL BEDDING SHALL BE INCLUDED IN THE UNIT PRICE BID.
7. PIPE BEDDING (TYPE 1) AND TRENCH BACKFILL (TYPE B) SHALL BE IN ACCORDANCE WITH MPW STANDARD SPECIFICATION 02221, STANDARD DRAWING 02221-1.
8. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST AND EROSION DURING CONSTRUCTION AT CONTRACTOR'S EXPENSE. EROSION SHALL BE CONTROLLED IN ACCORDANCE WITH MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS.
9. ALL PROFILES REPRESENT EXISTING GROUND (DASHED LINE) AND FINISHED GRADE (SOLID LINE) ALONG THE ALIGNMENTS INDICATED ON THE PLANS. ELEVATIONS ARE FINISHED GROUND ELEVATIONS.
10. ALL DISTURBED AREAS SHALL BE SEEDED BY THE CONTRACTOR USING A SEED MIX APPROVED BY THE OWNER OR THE LOCAL USDA OFFICE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF UTILITY (PHONE/POWER/CATV) INSTALLATION WITH LOCAL UTILITY COMPANIES.
12. THE CONTRACTOR SHALL NOTIFY ONE CALL @ 1-800-424-5555 FOR ONSITE UTILITY LOCATION. ALL EXISTING UTILITIES SHALL BE MARKED BEFORE DIGGING.
13. THE CONTRACTOR SHALL MAINTAIN SERVICE OF ALL EXISTING UTILITIES. IF SAID SERVICE IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY REPAIR THE DAMAGE AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY WORK.
15. ALL UTILITY CONDUITS FOR IRRIGATION, ELECTRICAL, GAS, PHONE, CATV, ETC. SHALL BE BURIED A MINIMUM 24" FROM FINISHED GRADE WITH TYPE A BACKFILL, UTILIZING TYPE 1 BEDDING, UNLESS DIRECTED OTHERWISE BY ENGINEER.
16. IF THE CONTRACTOR DETERMINES THE NEED TO DISTURB MORE THAN 1.0 ACRE DURING THE CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN MPDES PERMIT AND COMPLYING WITH ALL TERMS OF THE PERMIT. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
17. QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES.

DRAWING NOTATION



INDICATES CROSS SECTION LOCATION. "A" REFERS TO THE CROSS SECTION DESIGNATION. "10" REFERS TO THE SHEET NUMBER WHERE THE SECTION IS CUT OR SHOWN.



INDICATES DETAIL LOCATION.
"1" REFERS TO THE DETAIL
DESIGNATION. "12" REFERS TO
THE SHEET NUMBER WHERE
THE DETAIL IS INDICATED OR
SHOWN.

ABRREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE	HWY	HIGHWAY
BAR	REBAR	INV	INVERT ELEVATION
BMP	BEST MANAGEMENT PRACTICES	LF	LINEAR FEET
BOT	BOTTOM	MH	MANHOLE
BVC	BEGIN VERTICAL CURVE	MJ	MECHANICAL JOINT
CFS	CUBIC FEET PER SECOND	O.C.	ON CENTER
CL	CENTERLINE	O.C.E.F.	ON CENTER EACH FACE
CMP	CORRUGATED METAL PIPE	OHF	OVERHEAD POWER
CONC	CONCRETE OR CONCENTRIC	PI	POINT OF INTERSECTION
CP	CONTROL POINT	POT	POINT ON TANGENT
CSP	CORRUGATED STEEL PIPE	PS	PIPE SUPPORT
CTR	CENTER	PT	POINT, POINT OF TANGENCY
CU FT	CUBIC FEET	PVC	POLYVINYL CHLORIDE
CULV	CULVERT	PWR	POWER
DI	DUCTILE IRON OR DRAIN INLET	RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	R/W OR ROW	RIGHT OF WAY
EA	EACH	SAN	SANITARY
E.F.	EACH FACE	SST	STAINLESS STEEL
EL., ELEV	ELEVATION	STA	STATION
EOP	EDGE OF PAVEMENT	TBC	TOP BACK OF CURB
EVC	END VERTICAL CURVE	TYF	TYPICAL
FT	FOOT OR FEET	UG	UNDERGROUND
GPM	GALLONS PER MINUTE	WTR	WATER
HP	HORSEPOWER		

BLOCK LEGEND

EXISTING	PROPOSED
	 SANITARY SEWER MANHOLE
	 SANITARY SEWER CLEANOUT
	 SANITARY SEWER CAP
	 SANITARY SEWER METER VAULT
	 SANITARY SEWER LIFT STATION
	 SANITARY SEWER FM (TEE)
	 SANITARY SEWER FM (11.25°)
	 SANITARY SEWER FM (22.5°)
	 SANITARY SEWER FM (45°)
	 SANITARY SEWER FM (90°)
	 SANITARY SEWER FM (CROSS)
	 SANITARY SEWER FM FLANGE
	 SANITARY SEWER FM VALVE
	 SANITARY SEWER FM REDUCER
	 SANITARY SEWER FM BF PREV.
	 STORMWATER AREA INLET
	 STORMWATER COMBO INLET
	 STORMWATER FLARED END
	 STORMWATER MANHOLE
	 STORMWATER PUMP STATION
	 STORM SEWER HEAD WALL
	 WATER FITTING BEND 11.25°
	 WATER FITTING BEND 22.5°
	 WATER FITTING BEND 45°
	 WATER FITTING BEND 90°
	 WATER FITTING CAP
	 WATER FITTING CROSS
	 WATER FITTING FLANGE
	 WATER FITTING TEE
	 WATER FITTING VALVE

EXISTING	PROPOSED
	 WATER VENT
	 WATER MANHOLE
	 WATER REDUCER
	 WATER MARKER
	 FIRE HYDRANT
	 WATER CURB STOP
	 WATER METER
	 WATER VAULT
	 WATER BOOSTER STATION
	 WATER WELL
	 WATER MONITORING WELL
	 WATER TEST STATION
	 CABLE TELEVISION MARKER
	 CABLE TELEVISION PULL BOX
	 CABLE TELEVISION PEDESTAL
	 CABLE TELEVISION VAULT
	 POWER GUY ANCHOR
	 POWER GUY POLE
	 POWER MANHOLE
	 POWER MARKER
	 ELECTRIC POWER METER
	 POWER POLE
	 POWER TRANSFORMER
	 POWER VAULT
	 STREET LIGHT
	 IRRIGATION PULL BOX
	 IRRIGATION SPRINKLER HEAD
	 IRRIGATION VALVE
	 IRRIGATION VAULT

EXISTING	PROPOSED
	FIBER OPTIC MANHOLE
	FIBER OPTIC MARKER
	FIBER OPTIC PULL BOX
	FIBER OPTIC PEDESTAL
	FIBER OPTIC VAULT
	NATURAL GAS MARKER
	NATURAL GAS METER
	NATURAL GAS VALVE
	TELEPHONE MANHOLE
	TELEPHONE MARKER
	TELEPHONE PULL BOX
	TELEPHONE PEDESTAL
	TELEPHONE VAULT
	TREE (DECIDUOUS)
	TREE (CONIFER)
	ADA RAMP
	SIGN
	BOLLARD
	MILEPOST
	CATTLE GUARD
	BORE LOCATION
	PROP CORNER ALUMINUM CAP
	PROP CORNER BRASS CAP
	PROP CORNER CHISELED X
	HIGHWAY ROW MONUMENT
	PROP CORNER IRON PIPE
	PROP CORNER LEAD & TACK
	PROP CORNER REBAR
	PROP CORNER STONE
	CONTROL POINT
	PROP CORNER PLASTIC CAP

LINE STYLE LEGEND

EXISTING	
---	---
---OHT---	---OHT---
---	---
---OHP---	---OHP---
---	---
---NG---	---NG---
---	---
---IR---	---IR---
---	---
---FO---	---FO---
---	---
---FM---	---FM---
---	---
---O---	---O---
---	---
---X---	---X---
---	---
---[]---	---[]---
---	---
---F---	---F---
---	---
---OHTV---	---OHTV---
---	---
---RW---	---RW---
---	---
---SS---	---SS---
---	---
---ST---	---ST---
---	---
---UGP---	---UGP---
---	---
---UGT---	---UGT---
---	---
---UGTV---	---UGTV---
---	---
---W---	---W---

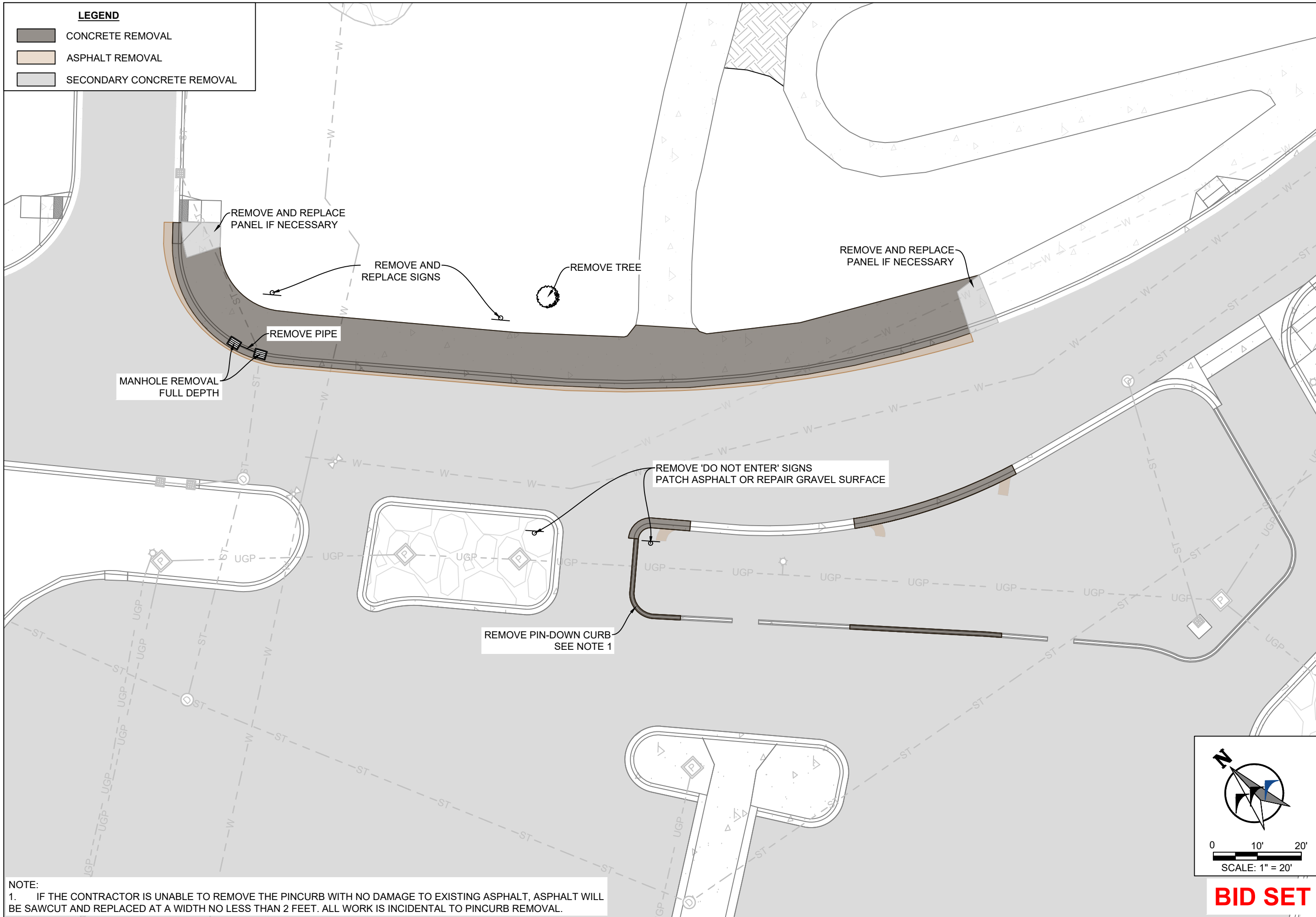
PROPOSED

OHT	OHT
OHP	OHP
NG	NG
IR	IR
FO	FO
FM	FM
O	O
X	X
[]	[]
F	F
OHTV	OHTV
RW	RW
SS	SS
ST	ST
UGP	UGP
UGT	UGT
UGTV	UGTV
W	W

MAJOR CONTOUR
MINOR CONTOUR
OVERHEAD TELEPHONE
OVERHEAD POWER
NATURAL GAS
IRRIGATION LINE
FIBER OPTIC
FORCEMAIN
FENCE [CHAIN]
FENCE [BARBED]
FENCE [PRIVACY]
FIRE LINE
OVERHEAD TV
RAW WATER
SEWER
STORM
UNDERGROUND POWER
UNDERGROUND TELEPHONE
UNDERGROUND TV
WATER

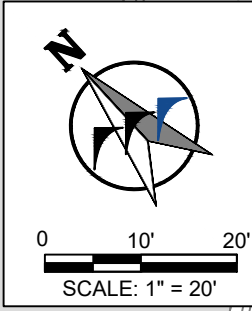
BID SET

DESIGNED BY: <u>JMD</u> DRAWN BY: <u>JMD</u> CHECKED BY: <u>GTR</u> DATE: <u>8/6/2026</u>	YELLOWSTONE COUNTY METRAPARK BENCH BLVD EXIT GENERAL NOTES YELLOWSTONE COUNTY, MONTANA	PREPARED BY  WWCENGINEERING 550 S. 24TH ST. W., SUITE 201 BILLINGS, MT 59102 (406) 894-2210 www.wwcengineering.com	NO.	REVISION	BY	DATE
SHEET 2			PROJECT NO. 2025-086			



NOTE:

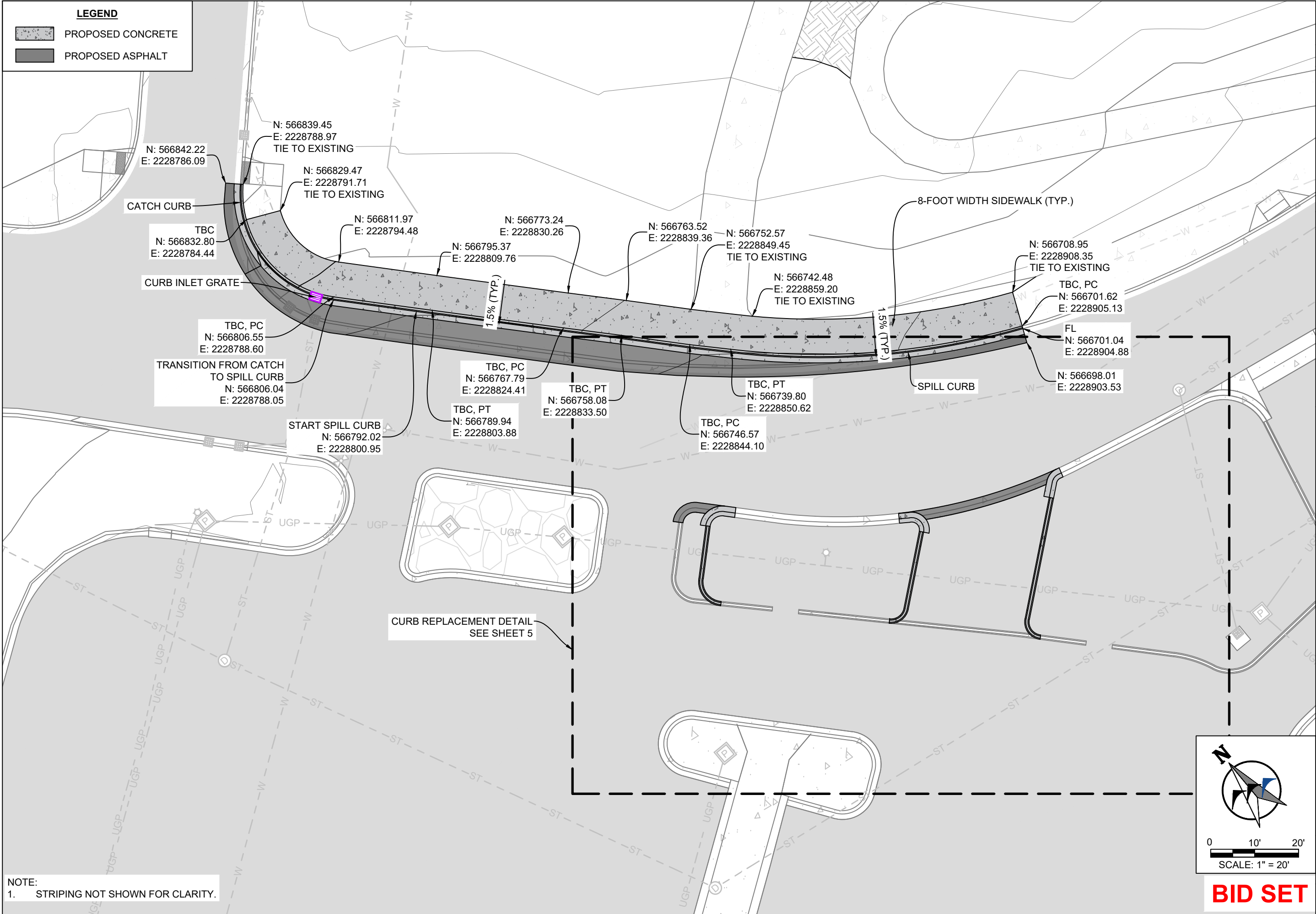
1. IF THE CONTRACTOR IS UNABLE TO REMOVE THE PINCURB WITH NO DAMAGE TO EXISTING ASPHALT, ASPHALT WILL BE SAWCUT AND REPLACED AT A WIDTH NO LESS THAN 2 FEET. ALL WORK IS INCIDENTAL TO PINCURB REMOVAL.



BID SET

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DRAWN BY: <u>JMD</u>		METRAPARK BENCH BLVD EXIT						
CHECKED BY: <u>GTR</u>		DEMO SHEET						
DATE: <u>8/6/2026</u>		YELLOWSTONE COUNTY, MONTANA						
SHEET								
3								

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PROJECT NO. 2025-086

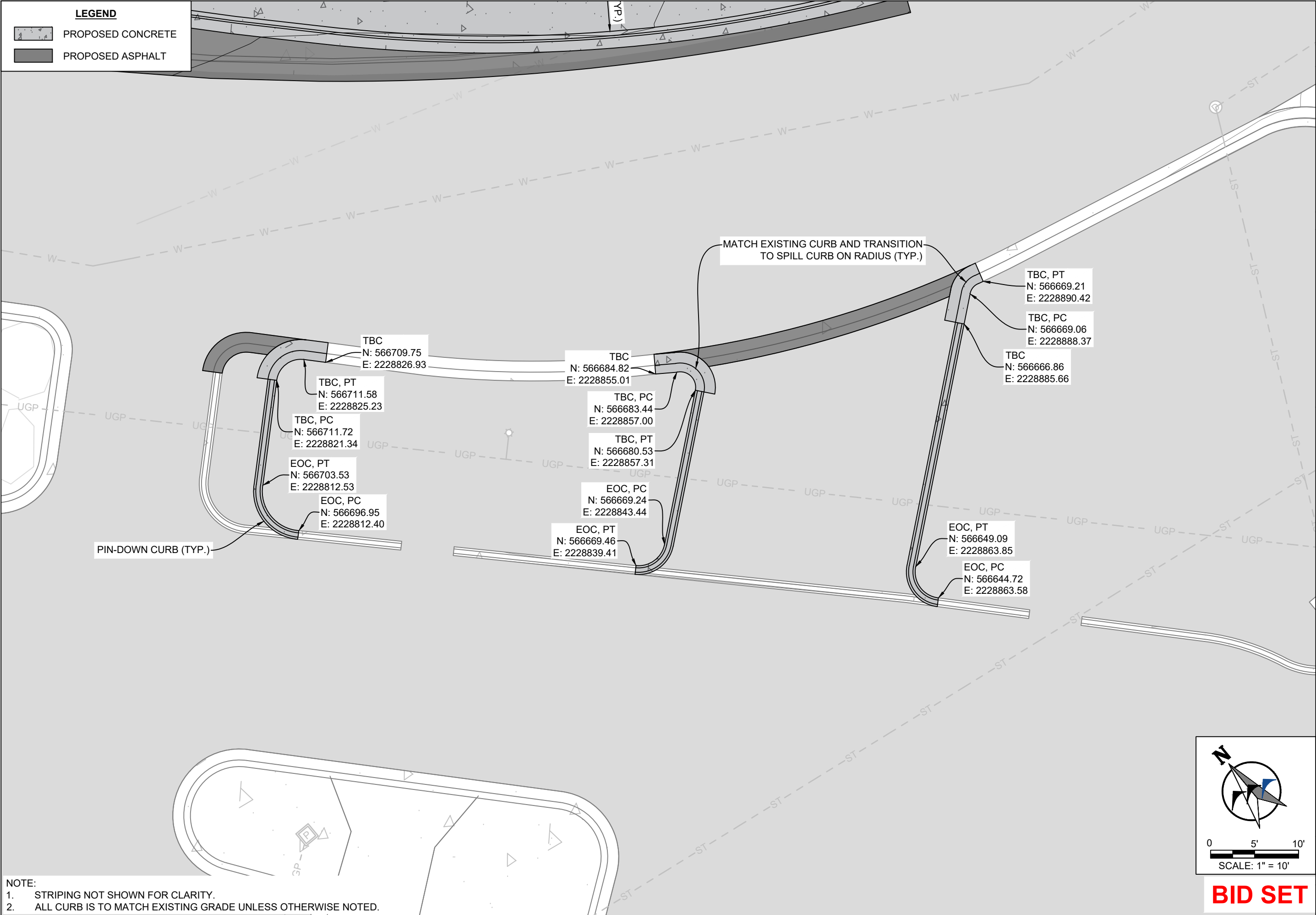
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www.wwcengineering.com

YELLOWSTONE COUNTY
METRAPARK BENCH BLVD EXIT
GRADING SHEET
YELLOWSTONE COUNTY, MONTANA

DESIGNED BY: JMD
DRAWN BY: JMD
CHECKED BY: GTR
DATE: 8/6/2026

SHEET
4

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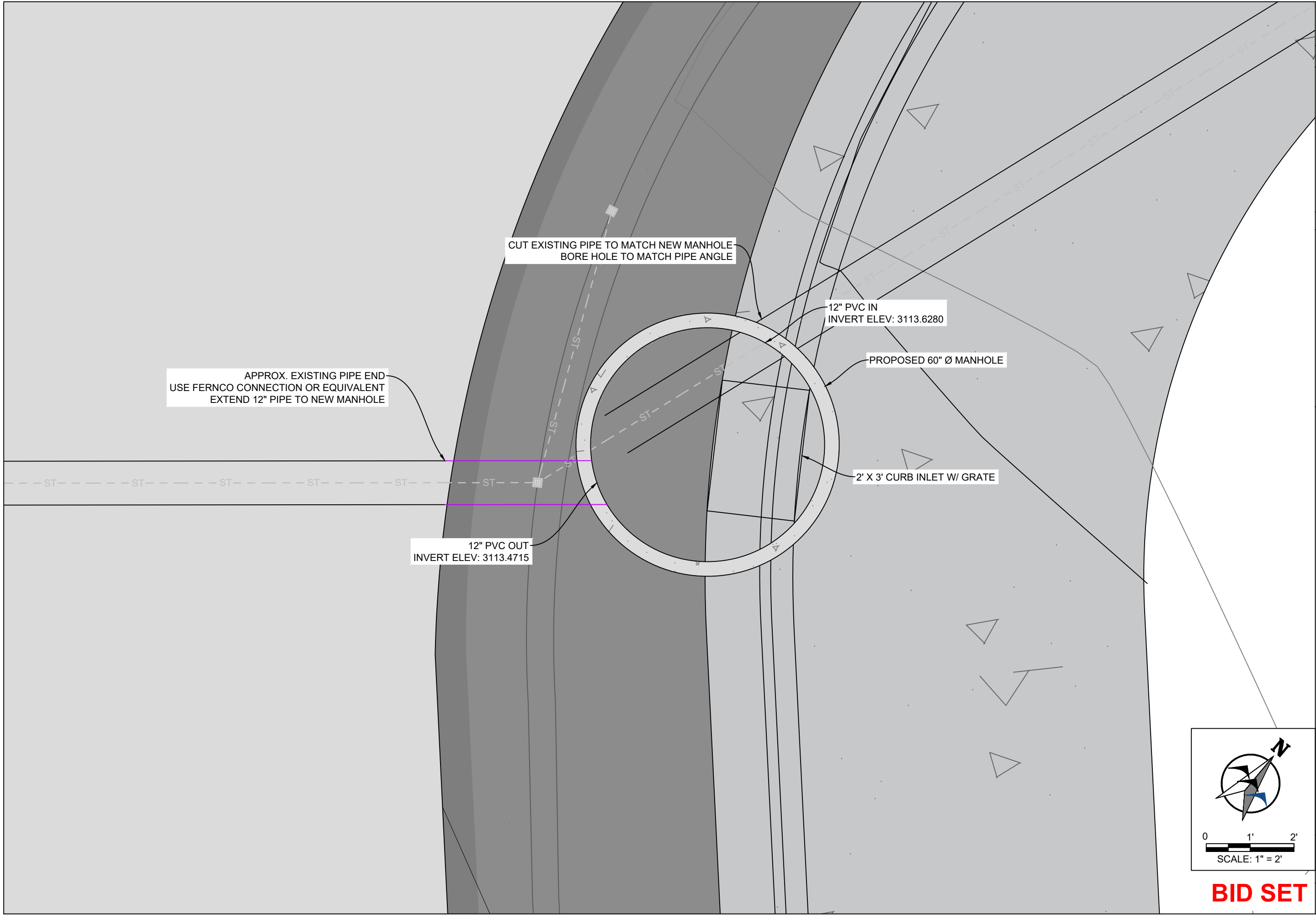
PROJECT NO. 2025-086

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YELLOWSTONE COUNTY
METRAPARK BENCH BLVD EXIT
GRADING SHEET
YELLOWSTONE COUNTY, MONTANA

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CHECKED BY: GTR
DATE: 8/6/2026

SHEET
5



BID SET

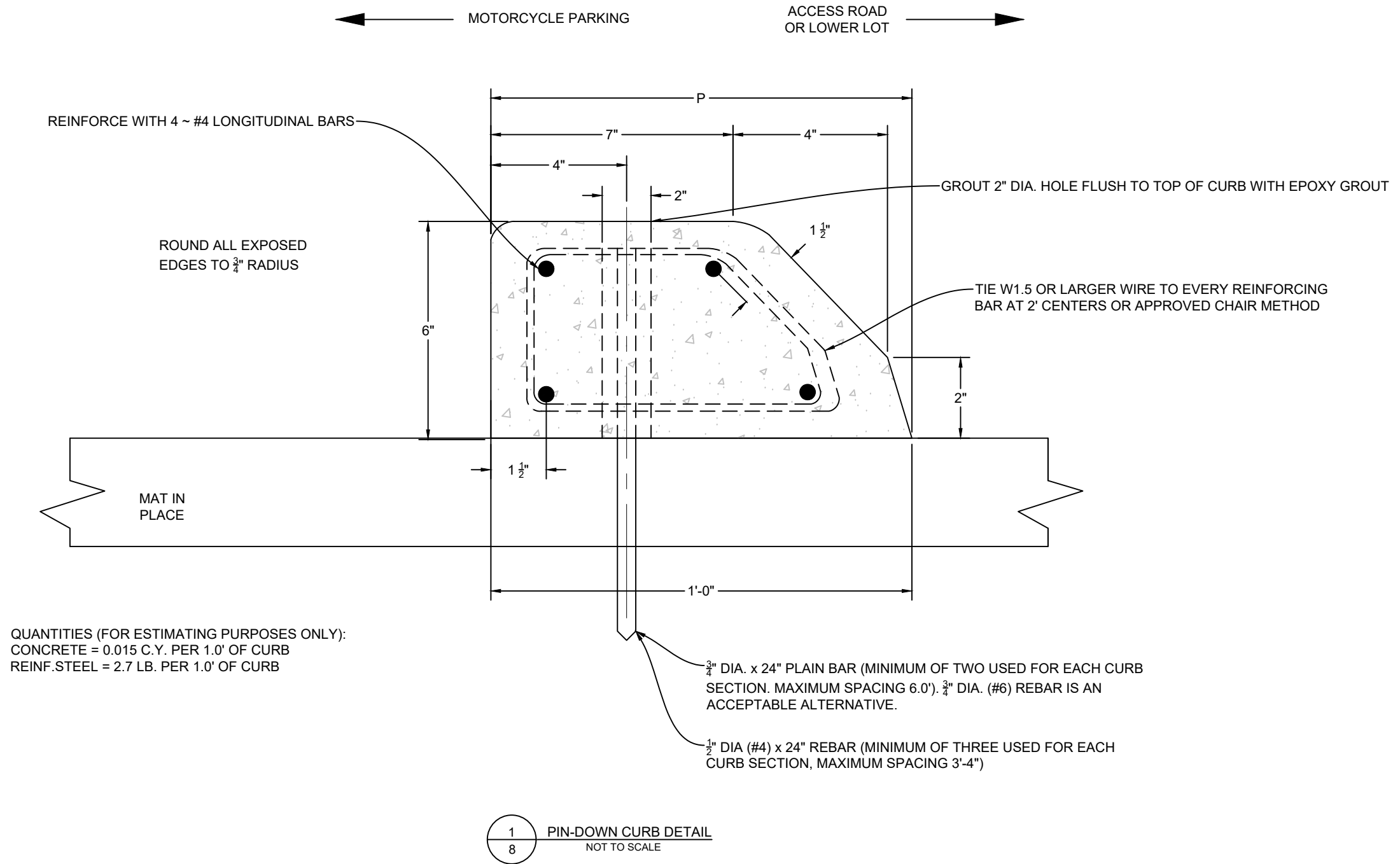
DESIGNED BY: <u>JMD</u>		PREPARED BY WWCENGINEERING 550 S. 24TH ST. W., SUITE 201 BILLINGS, MT 59102 (406) 894-2210 www.wwcengineering.com				NO.	REVISION	BY	DATE
DRAWN BY: <u>JMD</u>									
CHECKED BY: <u>GTR</u>									
DATE: <u>8/6/2026</u>									
SHEET									
6									
YELLOWSTONE COUNTY METRAPARK BENCH BLVD EXIT PROPOSED STORM YELLOWSTONE COUNTY, MONTANA		PROJECT NO. 2025-086							

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K:\Billings\Yellowstone County\2025086 Metra 1st Ave. Entrance\05CAD\Sheets\PLAN SET\25086-METRA-PNST-DET1.dwg PIN-DOWN CURB DETAIL 8/5/2026 12:39:34 PM



- CURBS MAY BE CONSTRUCTED USING ANY OF THE FOLLOWING THREE METHODS:
 - PRECAST
 - CAST IN PLACE
 - CONSTRUCTED BY THE USE OF AN APPROVED CURB FORMING OR SLIP FORM MACHINE.
- WHEN USING EITHER METHOD (2) OR (3), REINFORCING STEEL IS NOT REQUIRED, WITH THE EXCEPTION OF THE PINS. SCORE OR SAW CUT CURBS TO A DEPTH OF 1" TO FORM CONTRACTION JOINTS AT INTERVALS OF 10 FT OR LESS. EXTEND $\frac{1}{2}$ " MIN. WIDTH EXPANSION JOINTS COMPLETELY THROUGH CURB EVERY 100 FT (+/- 30 FT) AT INTERVALS EQUAL TO THE NEAREST MULTIPLE OF THE CONTRACTION JOINT INTERVAL AND FILL WITH PREFORMED EXPANSION JOINT FILLER.
- FORM PRECAST CURBS IN THEIR INVERTED POSITION, IN LENGTHS NOT LESS THAN 4 FT OR MORE THAN 10 FT.

MATERIAL:

- CONSTRUCT CURBS WITH CONCRETE PER MPWSS SECTION 02528
- EPOXY BINDER FOR GROUTING MUST MEET THE REQUIREMENTS OF AASHTO M 235 OR ASTM C 881

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YELLOWSTONE COUNTY
METRAPARK BENCH BLVD EXIT
PIN-DOWN CURB DETAIL
YELLOWSTONE COUNTY, MONTANA

DESIGNED BY: JMD
DRAWN BY: JMD
CHECKED BY: GTR
DATE: 8/6/2026

SHEET
8

BID SET