

MILWAUKEE RAILROAD PATH

CTEP 8199(66), CN 5578

MISSOULA, MONTANA

CITY PROJECT NO. PR 11-09 MT

BID SET

WGM
GROUP

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NATIVESCAPE DESIGNS, LLC
LANDSCAPE ARCHITECTURE/SITE DESIGN/VEGETATION DESIGN
DENVER, CO
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△ SURVEY CONTROL

CP#	NORTHING	EASTING	ELEVATION	DESC.
1	988162.6990	835962.4860	3163.1410	RPC
2	988230.5800	835011.0850	3163.7660	MAG NAIL
3	988149.1890	835370.2830	3162.0880	HUB&MAGNAIL
4	988183.7510	835710.7830	3162.6150	HUB&MAGNAIL
5	988134.6510	836343.1960	3167.1160	PK NAIL
6	988558.6660	837214.9860	3165.6270	MAG NAIL
7	987964.2140	837589.4790	3168.2510	HUB&MAGNAIL
8	988127.8920	837687.8250	3169.1520	MAG NAIL
9	988063.8020	838038.0460	3169.9260	HUB&MAGNAIL
10	988037.4290	838288.4010	3168.6470	RPC
11	988003.8280	838622.9680	3173.5490	MAG NAIL
100	988189.3400	835125.3060	3161.8170	60D
101	988026.8900	837202.4750	3167.6700	RPC
102	988041.2900	837016.7620	3168.4710	RPC

GENERAL NOTES:

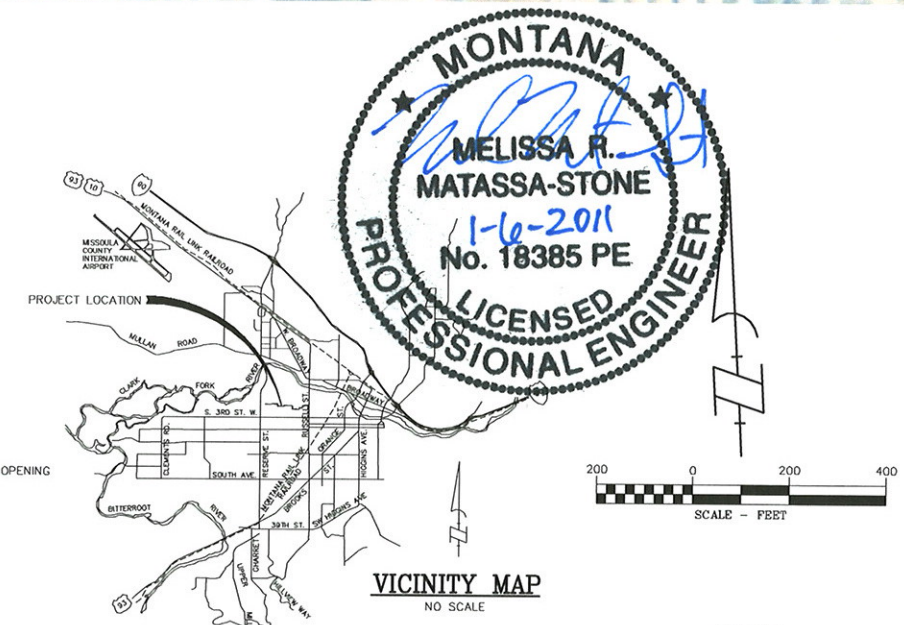
- CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES INCLUDING ALL SERVICES TO ALL PROPERTIES. THESE DRAWINGS MAY NOT SHOW ALL FACILITIES. SEE SPECIFICATIONS FOR REQUIREMENTS REGARDING UTILITIES. THE DEPTHS OF ALL EXISTING UTILITIES ARE UNKNOWN.
- ALL WORK SHALL CONFORM TO THE MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS, FIFTH EDITION, MARCH, 2003, AS AMENDED, INCLUDING THE CITY OF MISSOULA AMENDMENTS, AND AS REVISED BY SPECIAL PROVISIONS.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY, MDT, AND/OR UTILITY COMPANIES PRIOR TO STARTING WORK.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY TRAFFIC CONTROL PERMITS PRIOR TO COMMENCING WORK WITHIN THE PUBLIC RIGHT OF WAY.
- EROSION CONTROL IS THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR MUST MAINTAIN INLET PROTECTION.
- ALL SIDEWALKS ARE DESIGNED TO HAVE A 1% MAXIMUM CROSS SLOPE UNLESS OTHERWISE SHOWN ON THE PLANS.

LEGEND - EXISTING

---	EDGE OF ASPHALT	⊗	FIRE HYDRANT
----	CURB AND GUTTER	⊙	WELL
----	CURB AND GUTTER W/DRIVEWAY OPENING	⊙	SANITARY SEWER MANHOLE
----	EDGE OF GRAVEL	⊙	IRRIGATION CONTROL BOX
W	WATER MAIN	⊙	IRRIGATION MANHOLE
WS	WATER SERVICE	⊙	CURB INLET
S	SANITARY SEWER MAIN	⊙	DRAINAGE SUMP
SD	STORM DRAIN	⊙	POWER POLE
AP	AERIAL POWER LINE	⊙	GUY WIRE
BE	BURIED ELECTRIC LINE	⊙	TELEPHONE PEDESTAL
T	BURIED TELEPHONE LINE	⊙	TELEVISION PEDESTAL
G	GAS MAIN	⊙	ELECTRIC PEDESTAL
X	FENCE	⊙	GAS METER
TBK	TOP OF BANK	⊙	EVERGREEN TREE (SIZE AS NOTED)
TOE	TOE OF SLOPE	⊙	DECIDUOUS TREE (SIZE AS NOTED)
----	EXTERIOR BUILDING WALL	⊙	DRIP LINE OF TREE
----	CONTOUR (1 FOOT INTERVAL)	⊙	MAIL BOX
⊗	WATER VALVE	⊙	SIGN
⊗	WATER SHUT OFF VALVE	⊙	CONTROL POINT
		⊙	TEMPORARY BENCH MARK

LEGEND-PROPOSED/FUTURE

---	CENTERLINE OF PROPOSED TRAIL	⊙	SIGN
---	EDGE OF TRAIL	⊙	CONCRETE PAD, TRASH ENCLOSURE AND MUTT MITT STATION
X	FENCE	⊙	SUMP
----	PROPOSED CURB AND GUTTER	⊙	SUMP WITH SOLID LID
----	PROPOSED CURB AND GUTTER W/TRAIL OPENING	⊙	CURB INTAKE
----	FUTURE CURB, GUTTER AND SIDEWALK	⊙	GUARDRAIL
----	ASPHALT PAVING	⊙	CATCH LIMITS
----	6" THICK CONCRETE		
----	CONCRETE - WOOD PATTERN		
----	CONCRETE - BRICK/COBBLE PATTERN		
----	CONCRETE		
----	ADA TRUNCATED DOMES		
----	DITCH CULVERT/PIPING		



SHEET NO. DESCRIPTION

1	COVER SHEET
2-13	TRAIL PLAN AND PROFILES
14-20	INTERSECTION/GRADING DETAILS
21-25	DETAIL SHEETS
26-30	SIGNING AND STRIPING PLANS
31-38	IRRIGATION DITCH PLANS AND DETAILS
39-47	LANDSCAPE AND IRRIGATION PLANS AND DETAILS

Know what's below.
Call before you dig.

CALL 2-BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
UTILITY LOCATIONS.
IT IS, HOWEVER, THE RESPONSIBILITY OF THE
CONTRACTOR TO FIELD VERIFY THE LOCATION
OF ALL UTILITIES PRIOR TO THE COMMENCEMENT
OF ANY CONSTRUCTION ACTIVITIES.

NO.	DESCRIPTION	DATE

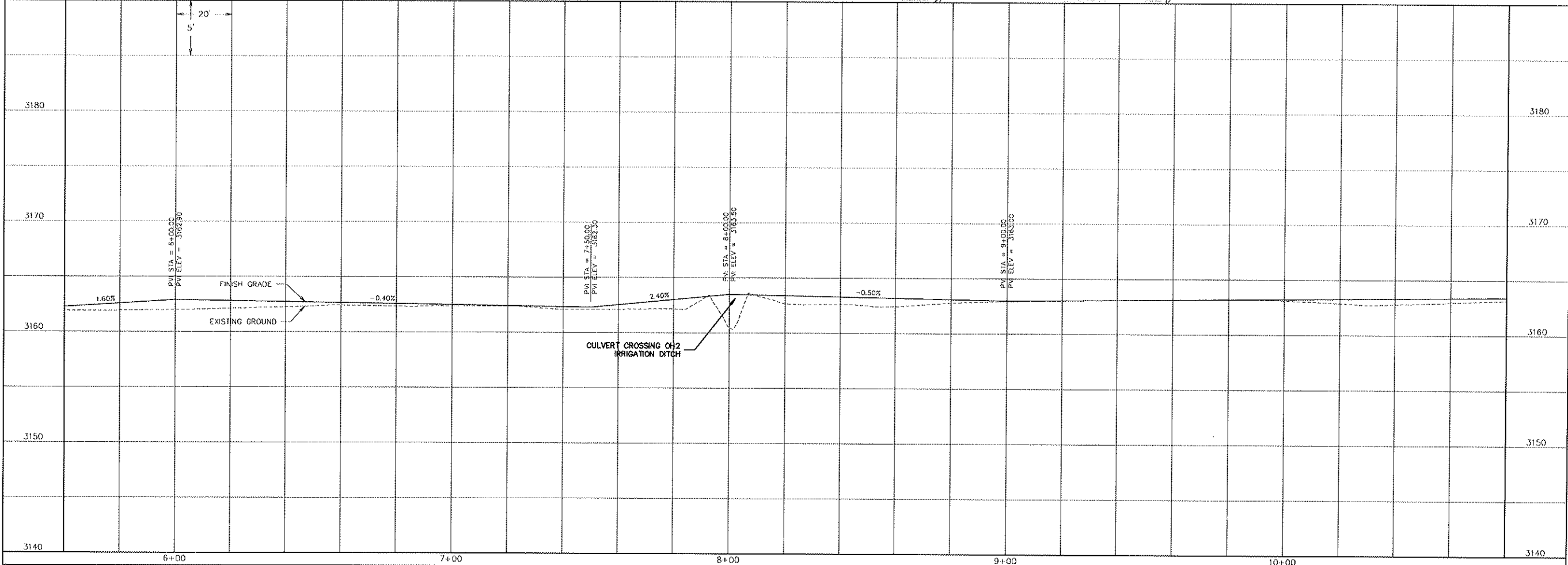
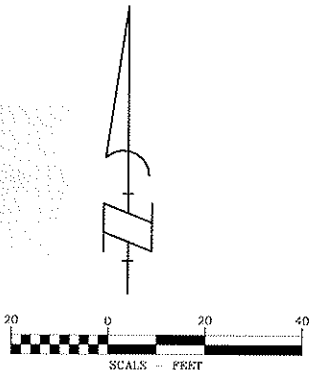
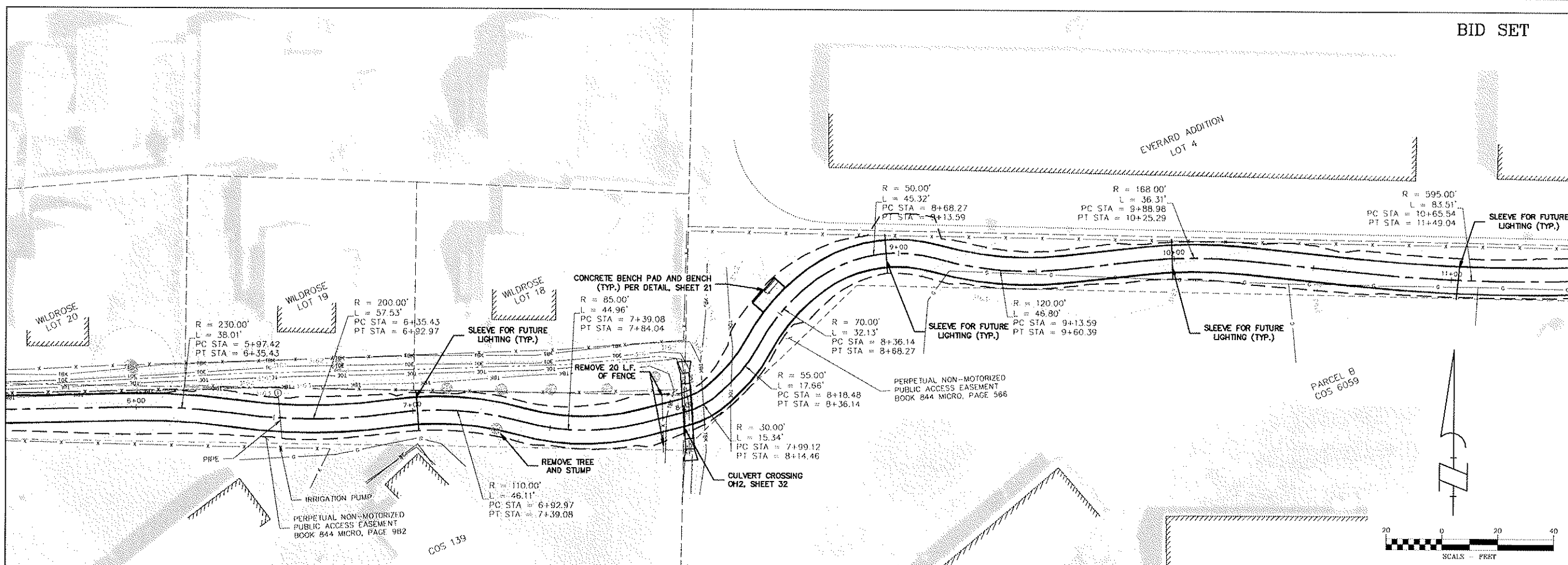
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SURVEYED: WGM GROUP
DESIGN: MRW
DRAFT: EDI
APPROVE: JWK
DATE: JANUARY 6, 2011

BID SET

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LAYOUT: SH12
SURVEYED: WGM GROUP
DESIGN: MRM/KW
DRAFT: EDI
APPROVE: JWK
DATE:

JANUARY 6, 2011



TRAIL PLAN AND PROFILE
MILWAUKEE RAILROAD PATH
MISSOULA, MT

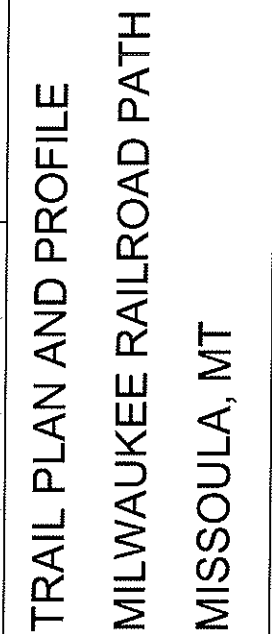
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DESIGN: MRM/KW
DRAFT: EDI
APPROVE: JWK
DATE: JANUARY 6, 2011



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 713/465-1100 • Fax 713/465-1101 • Email kws@kentwatson.com

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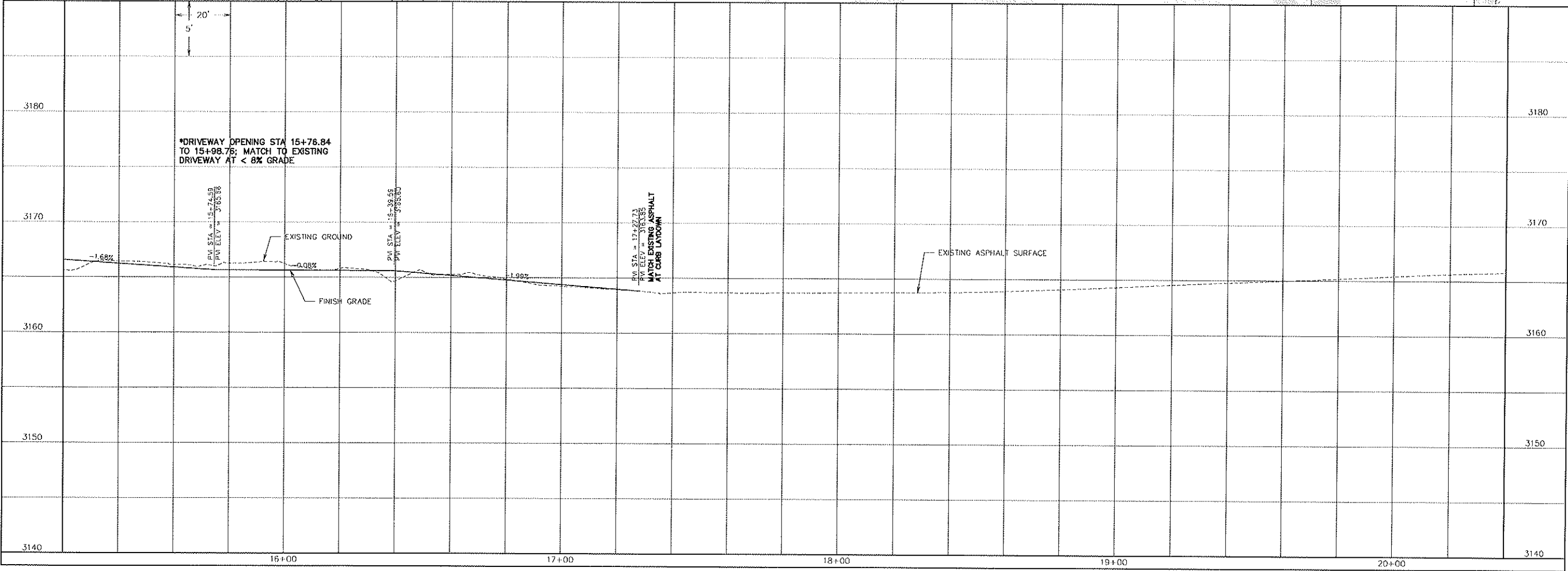
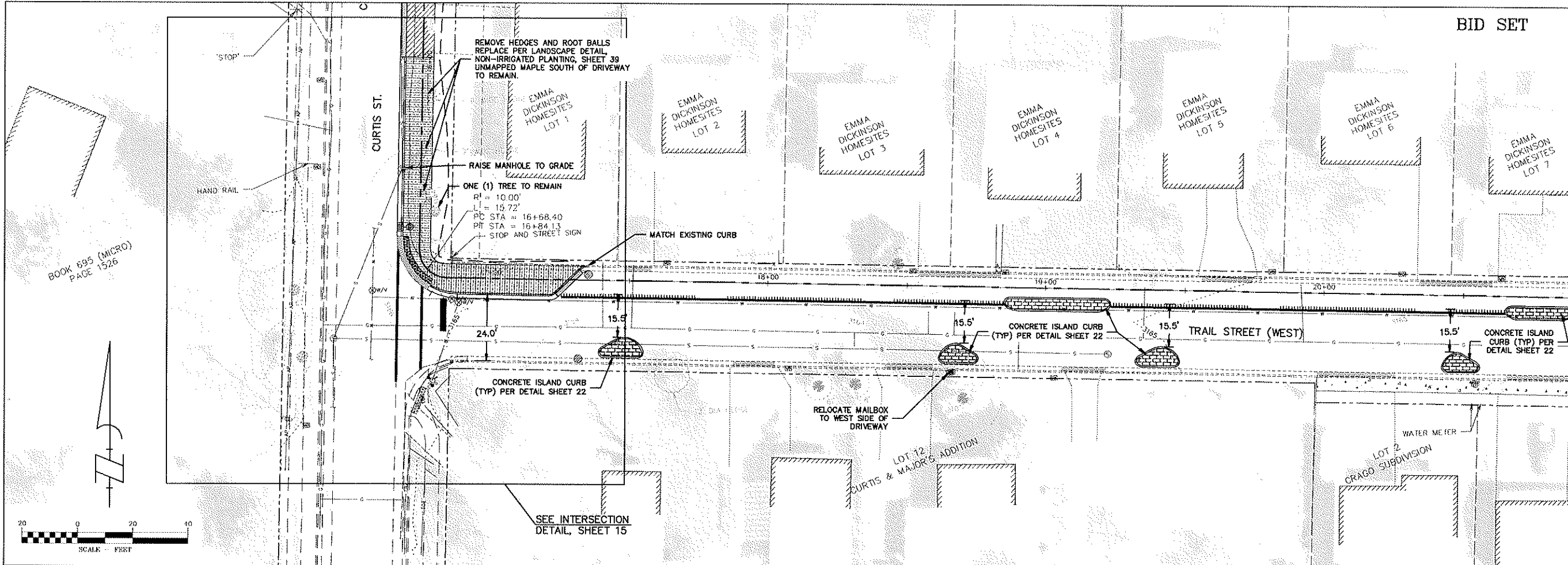
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REVISIONS:

NO.	DESCRIPTION	DATE

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DATE: JANUARY 6, 2011

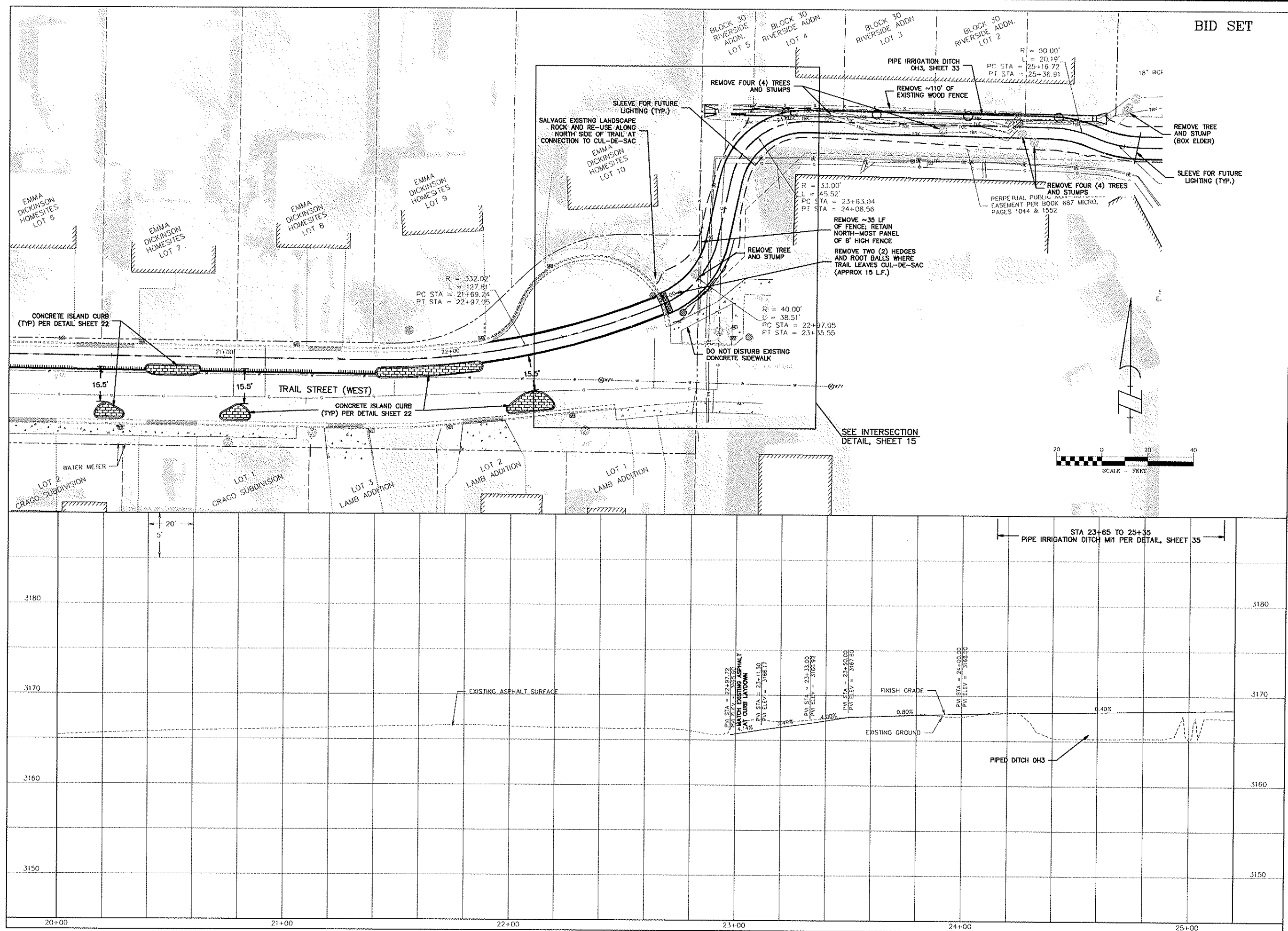
SHEET 5 OF 47

TRAIL PLAN AND PROFILE
MILWAUKEE RAILROAD PATH
MISSOULA, MT

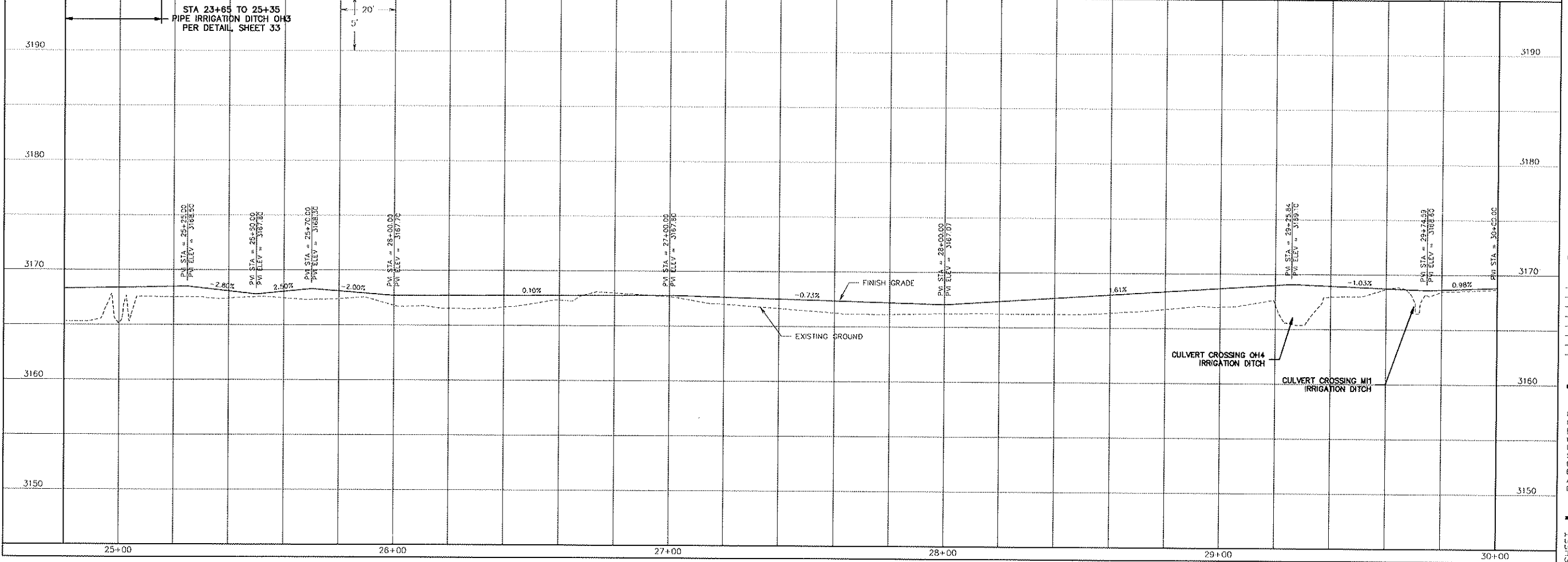
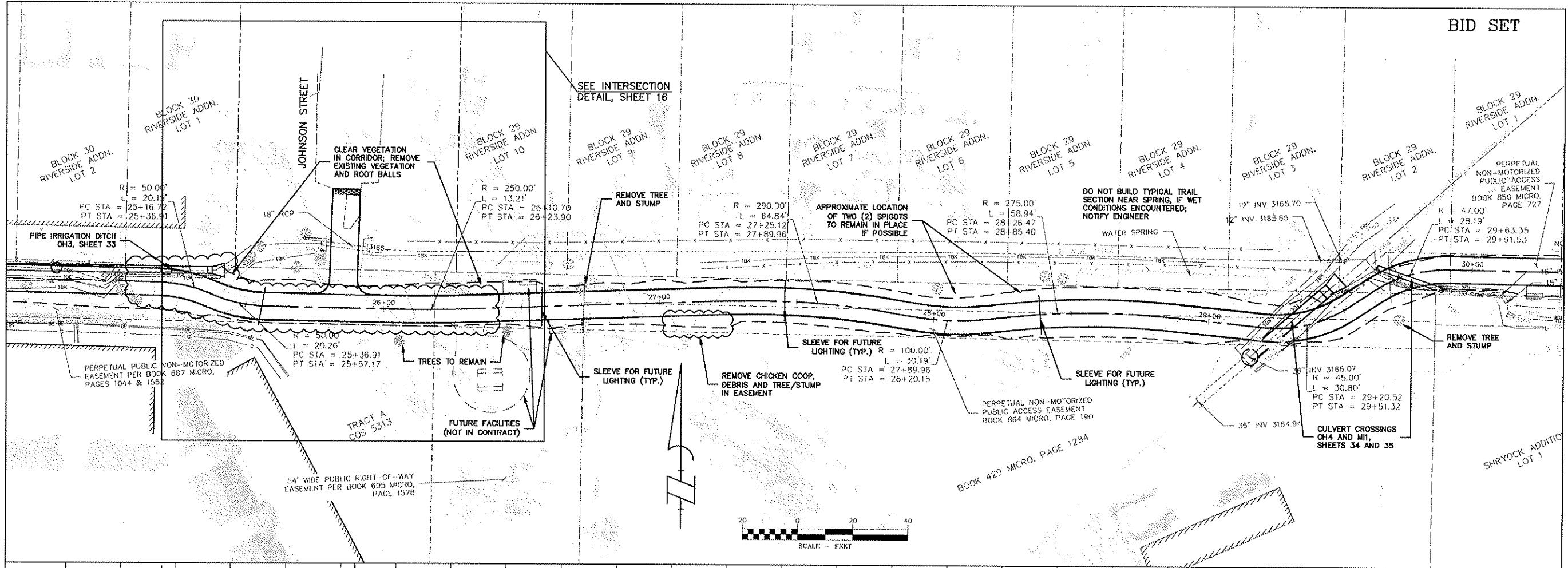
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BID SET



TRAIL PLAN AND PROFILE
MILWAUKEE RAILROAD PATH
MISSOULA, MT

REVISIONS:

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DRAFT: EDI
APPROVE: JWK
DATE: JANUARY 6, 2011

TRAIL PLAN AND PROFILE

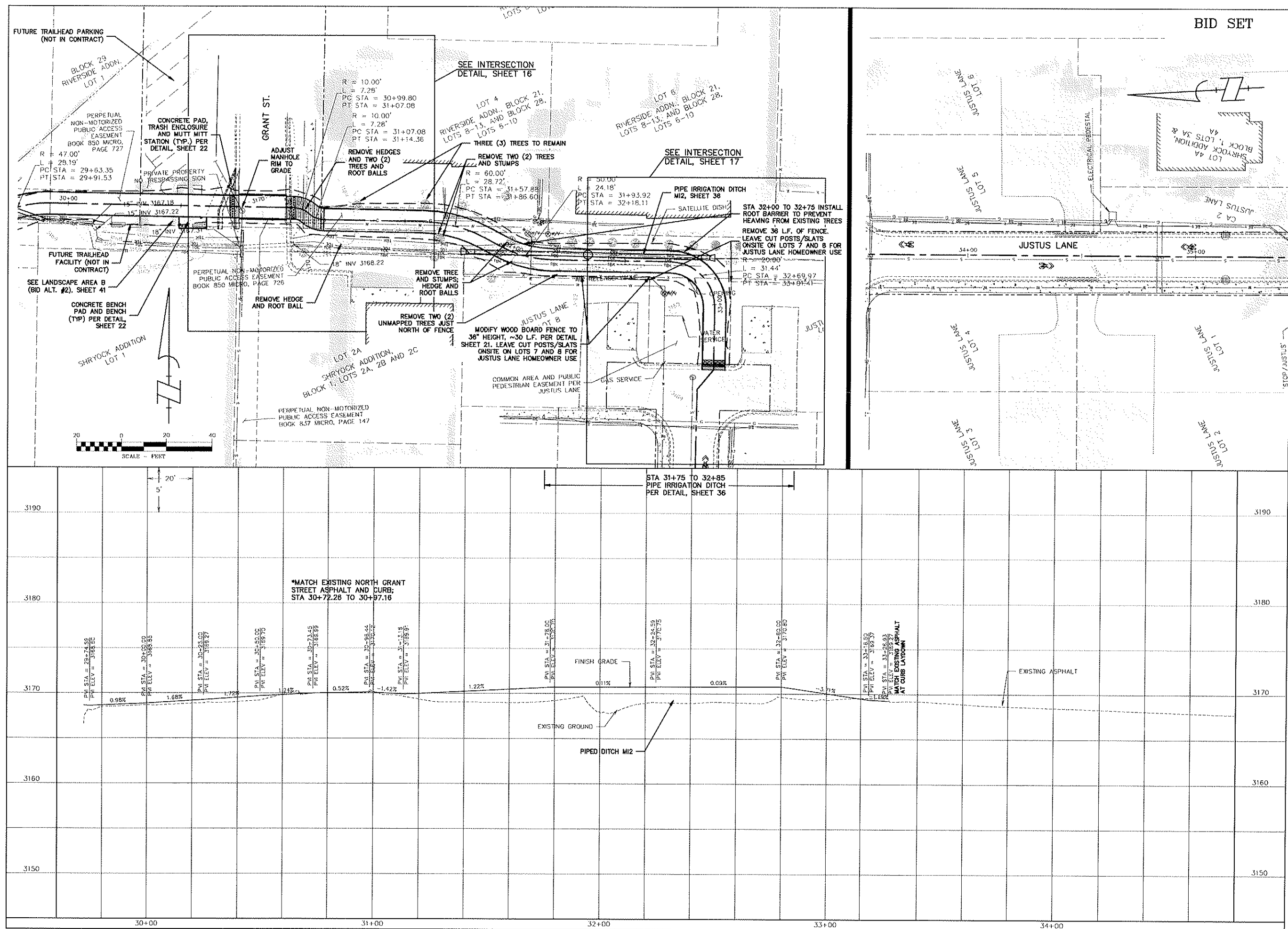
MILWAUKEE RAILROAD PATH

MISSOULA, MT

1. *What is the purpose of the study?*
 2. *What are the research objectives?*
 3. *What is the research methodology?*
 4. *What are the results of the study?*
 5. *What are the conclusions of the study?*
 6. *What are the limitations of the study?*
 7. *What are the implications of the study?*
 8. *What are the future research directions?*
 9. *What are the references of the study?*
 10. *What are the appendices of the study?*

JANUARY 6, 2011

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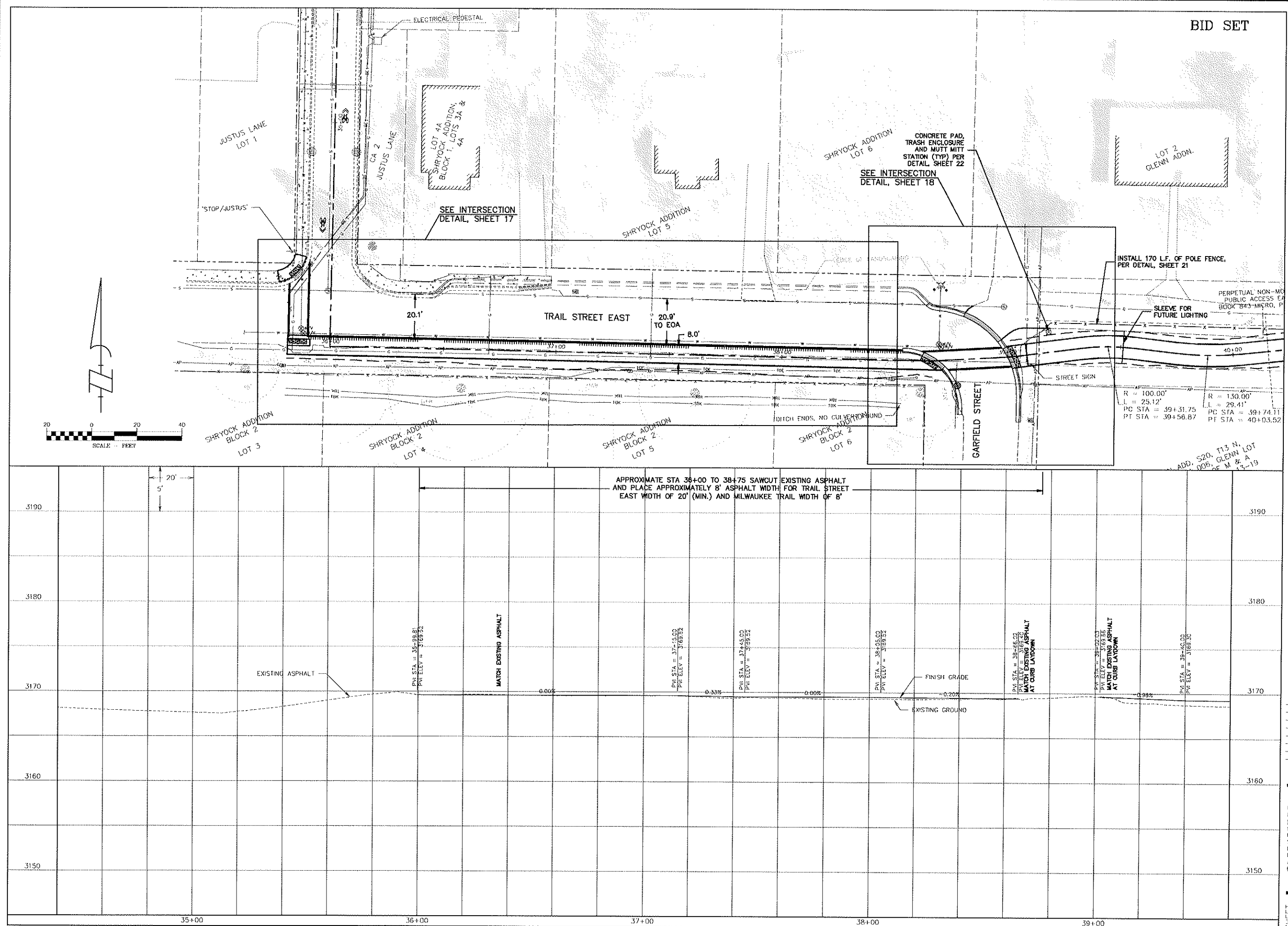


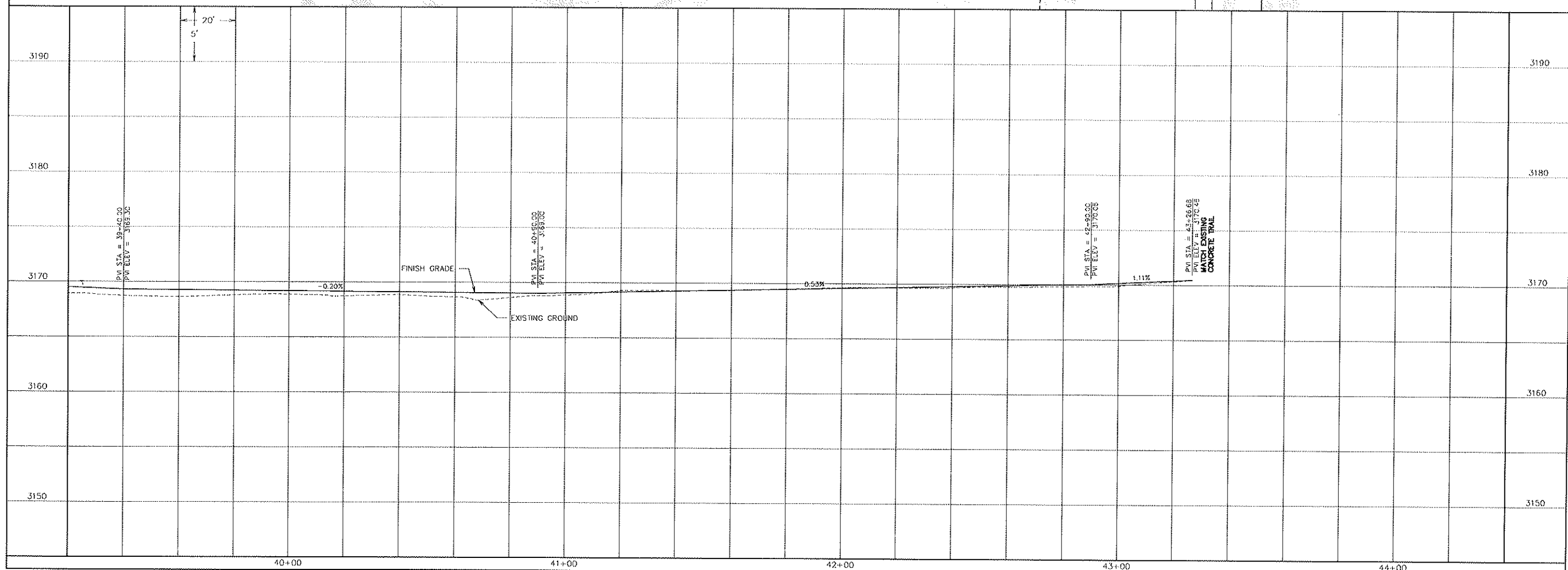
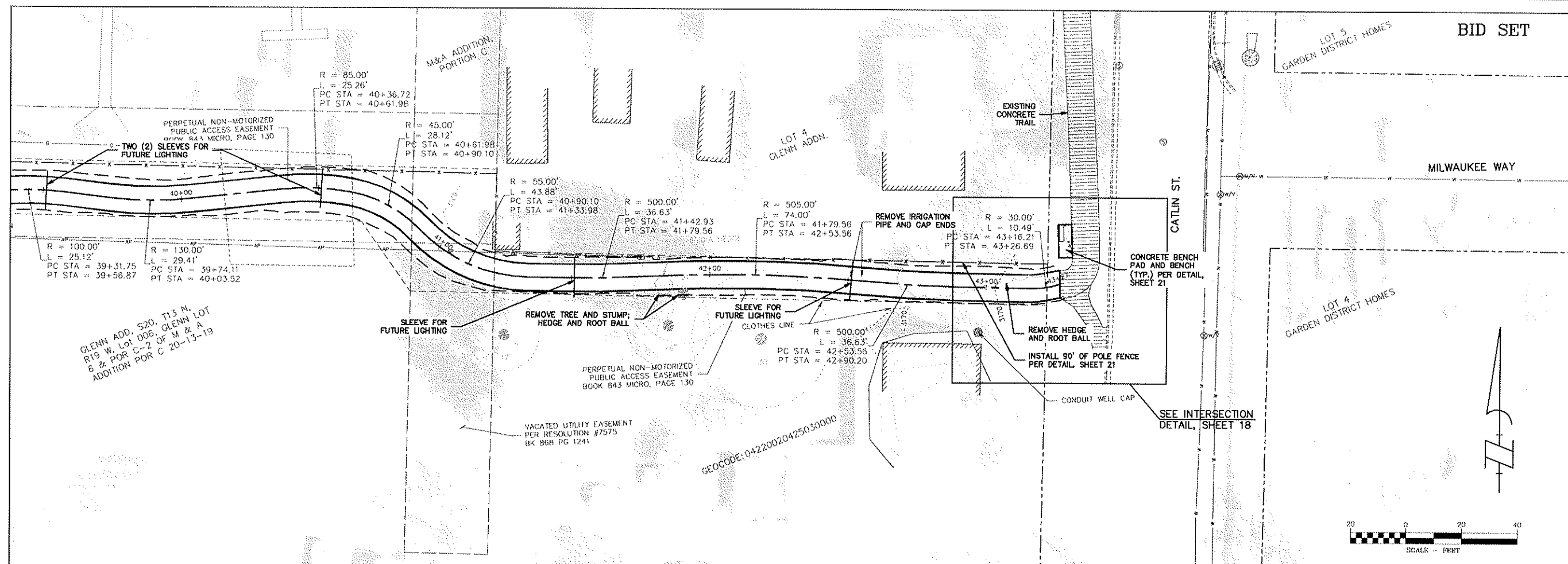
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DESIGN: MRM/KW
DRAFT: EDI
APPROVE: JWK
DATE:

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9 OF 47





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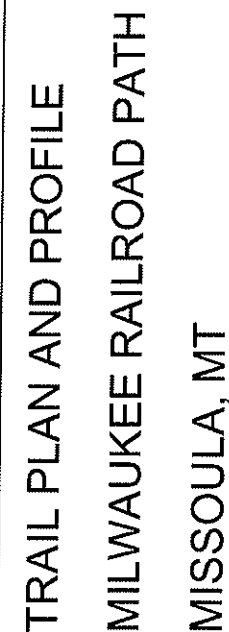
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DRAFT: EDI
APPROVE: JWK
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REVISIONS:		
NO.	DESCRIPTION	DATE
1	Initial design and development of the system.	10/10/2010
2	Revised design to incorporate user feedback.	11/05/2010
3	Final design and development of the system.	11/15/2010

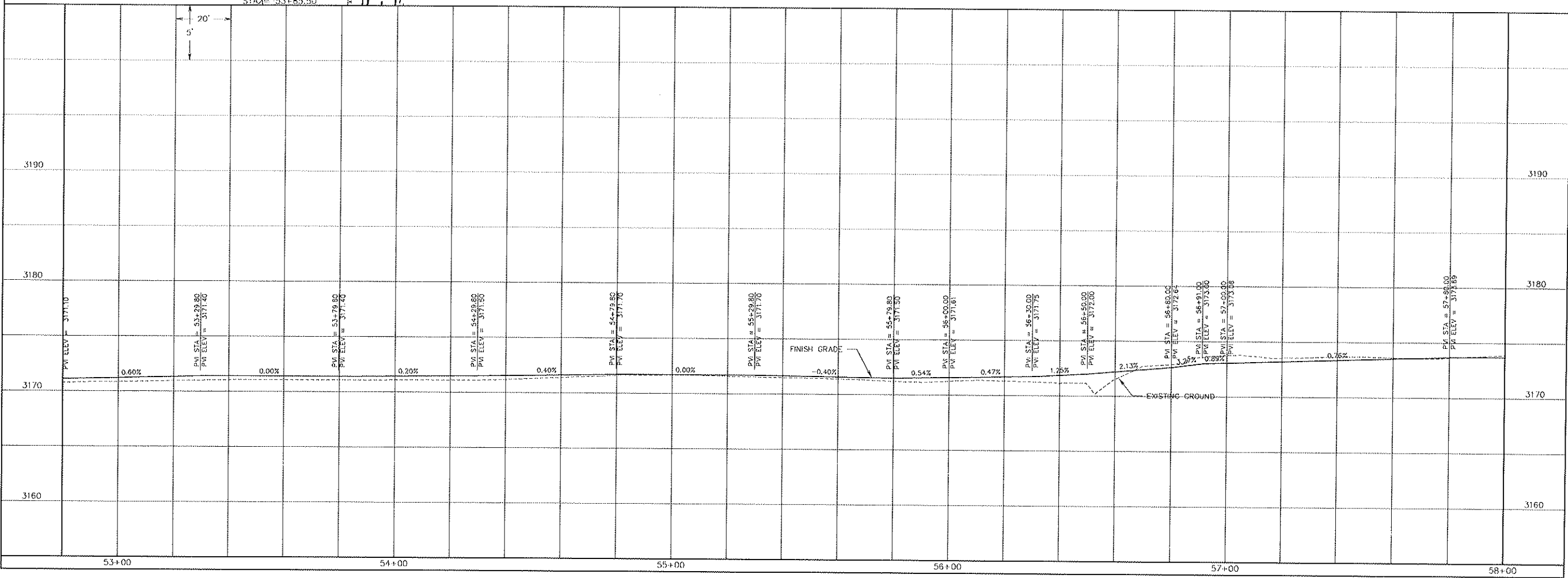
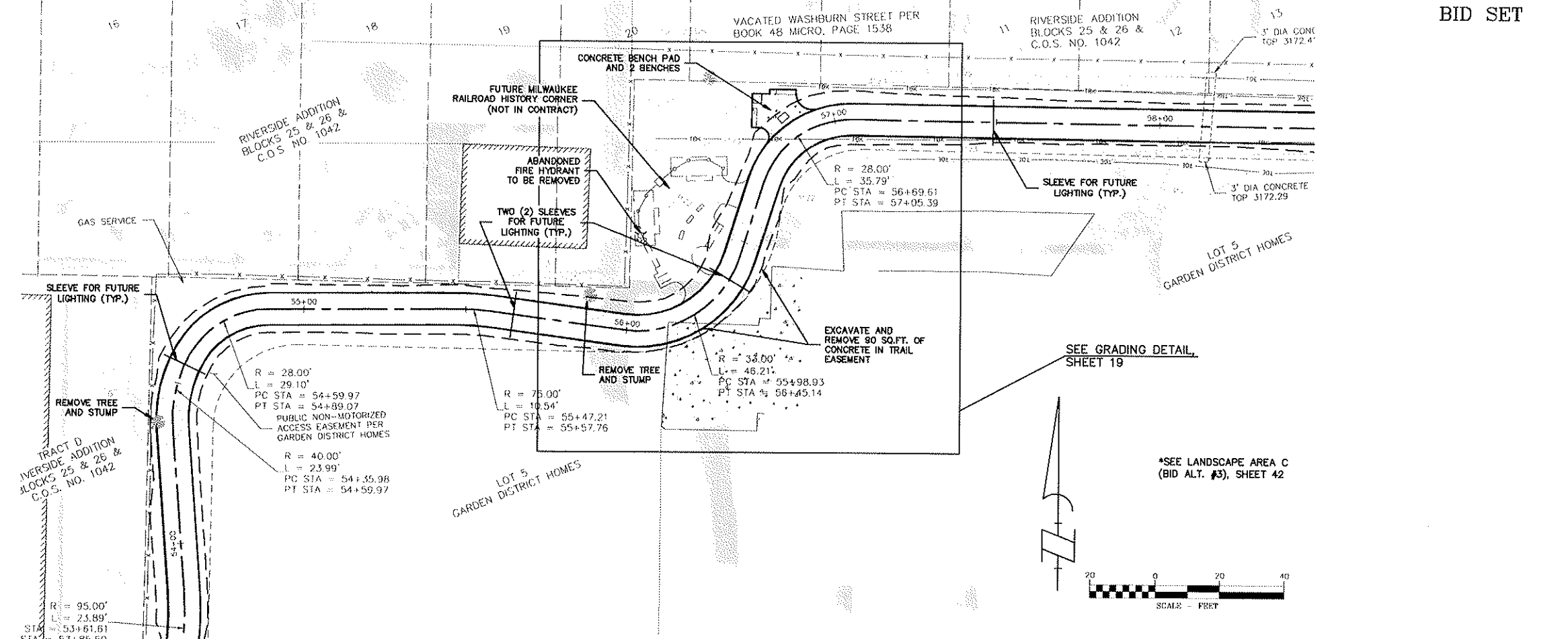
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DESIGN: MRM/KW
DRAFT: EDI
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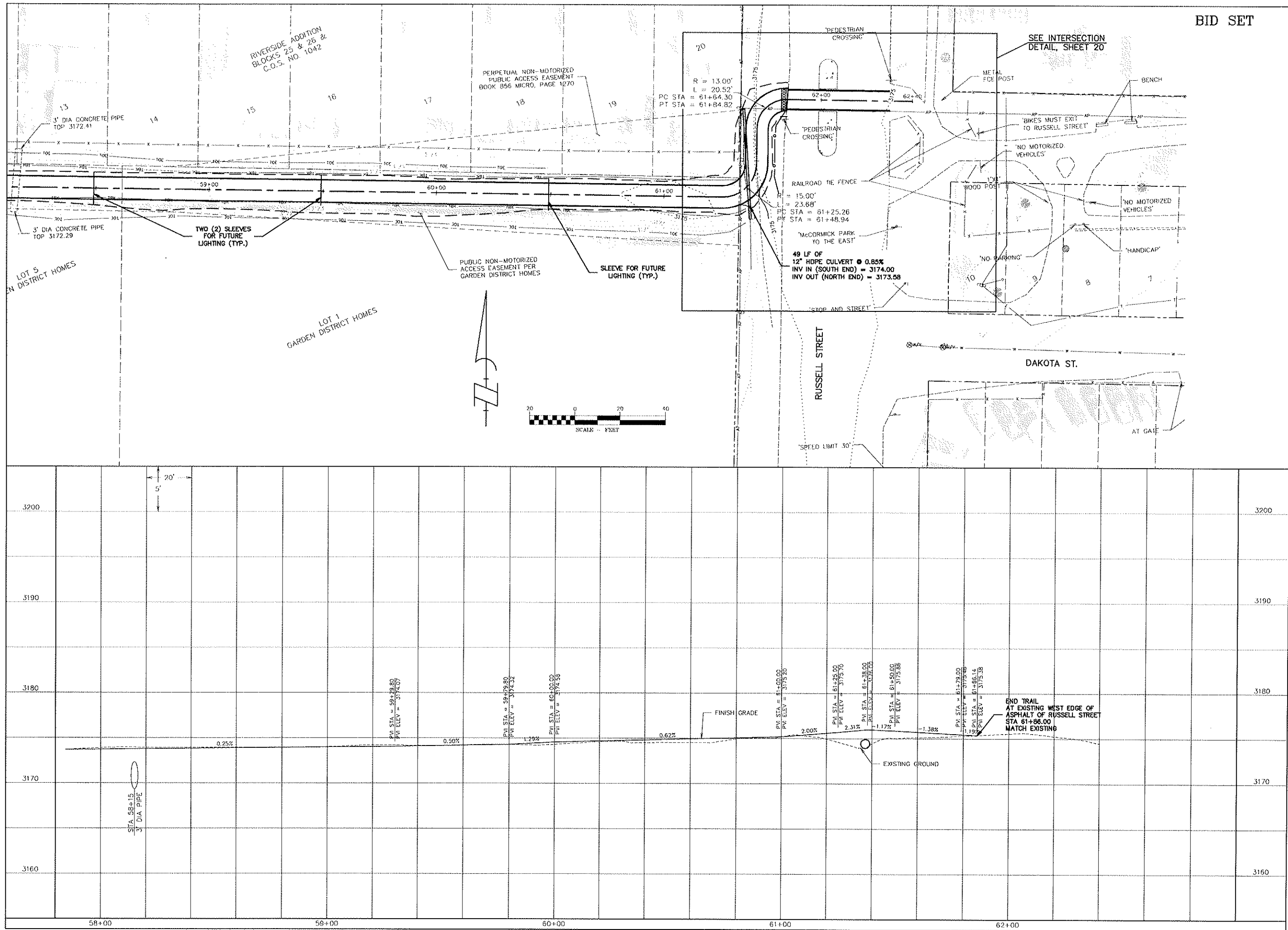
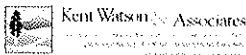
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DESIGN: MRW/KW
DRAFT: EDI
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SHEET 12 OF 47

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NO.	DESCRIPTION	DATE

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