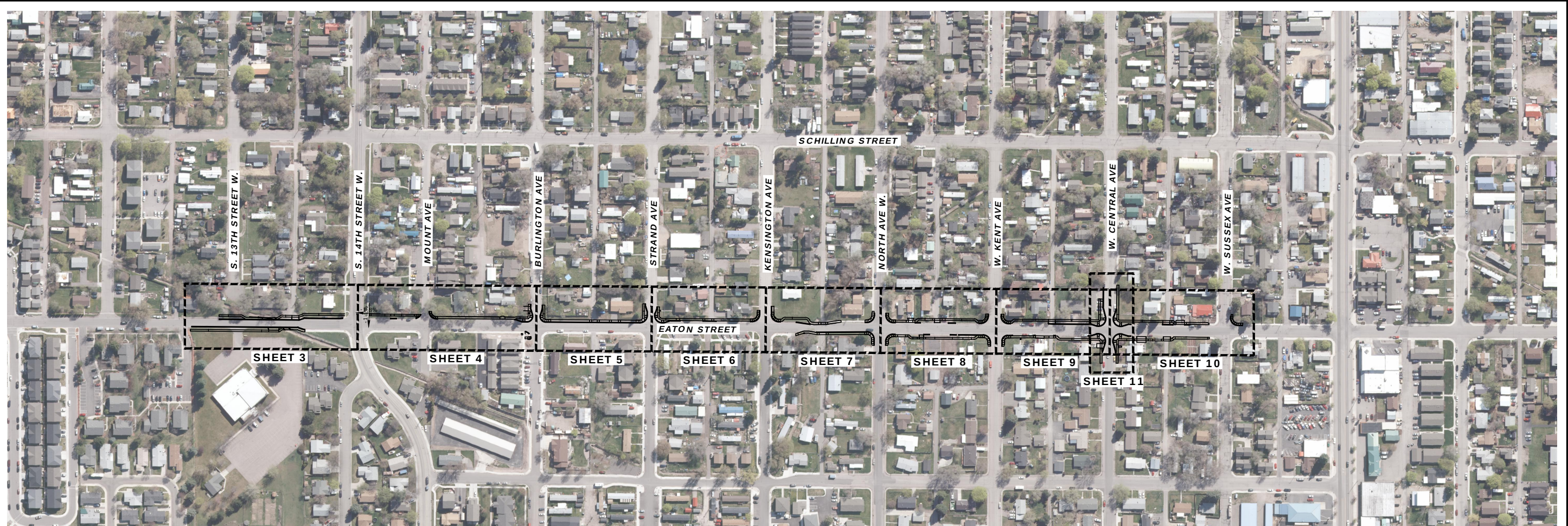


CURB AND SIDEWALK CONSTRUCTION PLANS - PHASE 2

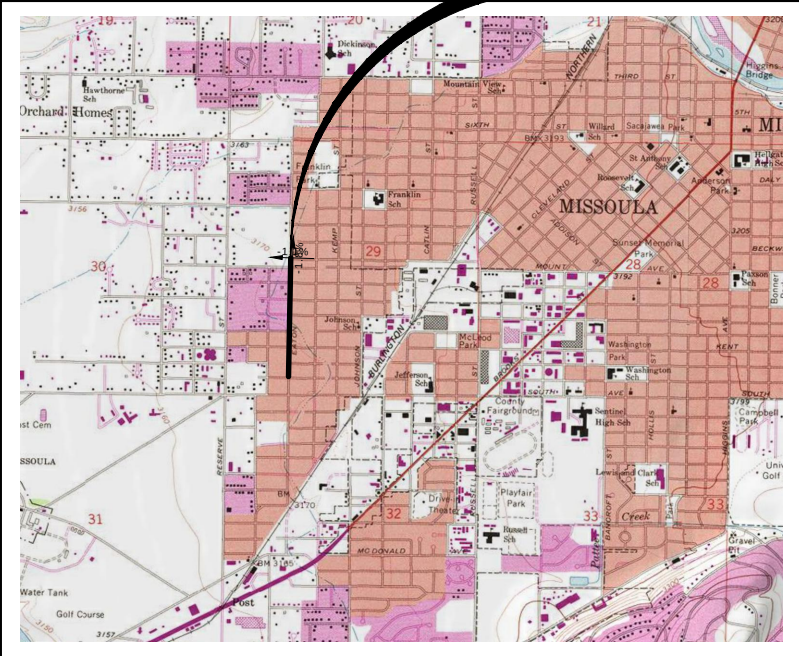
EATON STREET INFRASTRUCTURE PROJECT - 13TH STREET TO SUSSEX AVENUE
LOCATED IN SECTION 29, T.13N., R.19W., P.M.M., MISSOULA COUNTY, MONTANA



SHEET INDEX

DESCRIPTION	SHEET NO.
LEGEND AND NOTES SHEET	SHEET 2 OF 16
PLAN AND PROFILE SHEET (EATON STREET - 13TH STREET TO 14TH STREET)	SHEET 3 OF 16
PLAN AND PROFILE SHEET (EATON STREET - 14TH STREET TO BURLINGTON AVE)	SHEET 4 OF 16
PLAN AND PROFILE SHEET (EATON STREET - BURLINGTON AVE TO STRAND AVE)	SHEET 5 OF 16
PLAN AND PROFILE SHEET (EATON STREET - STRAND AVE TO KENSINGTON AVE)	SHEET 6 OF 16
PLAN AND PROFILE SHEET (EATON STREET - KENSINGTON AVE TO NORTH AVE W.)	SHEET 7 OF 16
PLAN AND PROFILE SHEET (EATON STREET - NORTH AVE W. TO W. KENT AVE)	SHEET 8 OF 16
PLAN AND PROFILE SHEET (EATON STREET - W. KENT AVE TO W. CENTRAL AVE)	SHEET 9 OF 16
PLAN AND PROFILE SHEET (EATON STREET - W. CENTRAL AVE TO W. SUSSEX AVE)	SHEET 10 OF 16
PLAN AND PROFILE SHEET (W. CENTRAL)	SHEET 11 OF 16
CENTERLINE STATIONING	SHEET 12 OF 16
CROSS SECTIONS	SHEET 13 OF 16
CROSS SECTIONS	SHEET 14 OF 16
CROSS SECTIONS	SHEET 15 OF 16
CROSS SECTIONS	SHEET 16 OF 16
DETAILS	SHEET D1 OF D9
DETAILS	SHEET D2 OF D9
DETAILS	SHEET D3 OF D9
DETAILS	SHEET D4 OF D9
DETAILS	SHEET D5 OF D9
DETAILS	SHEET D6 OF D9
DETAILS	SHEET D7 OF D9
DETAILS	SHEET D8 OF D9
DETAILS	SHEET D9 OF D9
BID ALT #1 - ASPHALT REMOVAL / PAVING	SHEET S0 - S4
BRIDGE DETAILS	

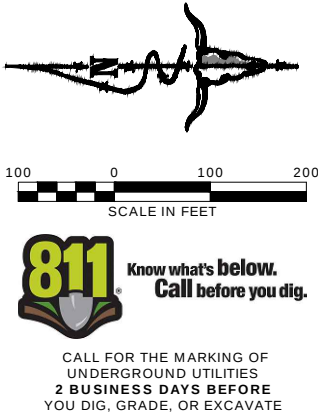
VICINITY MAP



MISSOULA, MISSOULA COUNTY



PROJECT STATUS		
THESE PLANS REQUIRE, AT A MINIMUM, APPROVAL FROM THE AGENCIES LISTED BELOW. THEREFORE, THE OWNER & CONTRACTOR ARE ADVISED THAT BIDS & CONTRACTS SHOULD NOT BE FINALIZED UNTIL INDICATED BELOW.		
AGENCIES REVIEW STATUS:	REFERENCE #	APPROVAL DATE
CITY OF MISSOULA DEV. SERVICES	2022-028	
PLAN SET IS READY FOR CONSTRUCTION ☒ YES ☐ NO		
AS-BUILT DATE: PROJECT HAS BEEN CONSTRUCTED IN GENERAL CONFORMANCE WITH THE ABOVE APPROVALS, STATED SPECIFICATIONS, AND SHOWN HERE IN, UNLESS OTHERWISE SPECIFIED.		
PROJECT NOTES: MISSOULA CITY PUBLIC WORKS STANDARDS & SPECIFICATIONS (MCPWSS) EDITION DEC. 2021		
DEVELOPER: City of Missoula e-mail: ksgovarp@ci.missoula.mt.us		



REVISIONS	DATE
CITY STAGE 3 COMMENTS	6/6/2023
CITY COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
DESIGNED:	CD
DRAFTED:	JW
CHECKED:	
DATE:	MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE. SEC. 29, T.13N., R.19W., P.M.M. MISSOULA, MONTANA	PREPARED FOR: CITY OF MISSOULA PUBLIC WORKS
--	--

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT 13TH STREET TO SUSSEX AVENUE	SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2 COVER SHEET
PROJECT NO: 21003629	SHEET: 1 OF 16



EXISTING	PROPOSED
	(E) PROPERTY BOUNDARY
	(E) ADJACENT PROPERTY BOUNDARY
	(E) LOT LINE
	(E) EASEMENT
	(E) WATER LINE
	(E) WATER SERVICE
	(E) SEWER LINE
	(E) SEWER SERVICE
	(E) SEWER FORCE MAIN
	(E) SEWER FORCE MAIN SERVICE
	(E) STORM DRAIN PIPE
	(E) OVERHEAD UTILITY
	(E) BURIED POWER
	(E) GAS LINE
	(E) TELEPHONE LINE
	(E) TELEVISION LINE
	(E) FIBER OPTIC LINE
	(E) ROAD CENTERLINE
	(E) FENCE LINE
	(E) DITCH
	(E) SWALE
	(E) IRRIGATION DITCH
	(E) IRRIGATION FORCE MAIN
	(E) STREAM
	(E) MAJOR CONTOUR
	(E) MINOR CONTOUR
	(E) ASPHALT
	(E) GRAVEL
	(E) CONCRETE
	(E) SEWER MANHOLE
	(E) SEWER CLEANOUT
	(E) SOIL PROFILE
	(E) PERCOLATION TEST
	(E) GROUNDWATER MONITORING
	(E) SEPTIC TANK
	(E) DRAINFIELD
	(E) WELL
	(E) FIRE HYDRANT
	(E) WATER METER
	(E) WATER VALVE
	(E) WATER BLOW-OFF
	(E) STORM DRAIN MANHOLE
	(E) CULVERT
	(E) CURB INLET
	(E) CATCH BASIN
	(E) SUMP
	(E) UTILITY MANHOLE
	(E) TELEPHONE JUNCTION BOX
	(E) POWER VAULT
	(E) TELEVISION JUNCTION BOX
	(E) ELECTRICAL TRANSFORMER
	(E) POWER METER
	(E) GAS METER
	(E) POWER POLE
	(E) GUY WIRE
	(E) LIGHT POLE
	(E) SIGN

KEYNOTES - DEMOLITION WORK

- REMOVE EXISTING CURB
- REMOVE EXISTING CONCRETE
- REMOVE EXISTING ASPHALT
- REMOVE EXISTING SIGN
- REMOVE EXISTING TREE OR BUSH W/ FULL STUMP REMOVAL
- TRIM EXISTING TREE (ISA CERTIFIED ARBORIST) OR BUSH. NO OVERHANG OF BRANCHES WITHIN 8' OF TOP SIDEWALK
- REMOVE MISCELLANEOUS ITEM WITHIN THE R.O.W
- PROTECT EXISTING UTILITY POLE
- RELOCATE EXISTING MAILBOX PER STD-760
- RELOCATE EXISTING UTILITY POLE (BY OTHERS)
- REMOVE EXISTING DRY WELL, BACKFILL HOLE IN 2' LIFTS COMPACTED TO 95% DENSITY
- REMOVE EXISTING FENCE AS SHOWN ON PLANS, IF OWNER HAS NOT REMOVED PRIOR TO SIDEWALK PREP.

PROPOSED	
	(P) ROAD CENTERLINE
	(P) ASPHALT
	(P) 4" SIDEWALK
	(P) 6" CONCRETE
	(P) 8" CONCRETE
	(P) TYPE "L" CURB AND GUTTER (CATCH)
	(P) CURB LAYDOWN
	(P) TYPE "L" CURB AND GUTTER (SPILL)
	(P) TRUNCATED DOMES
	(P) DRYWELL
	(P) CATCH BASIN
	(P) SIGN
	(P) MAILBOX
	(P) RECOMMENDED TREE LOCATION. PLANTING TO OCCUR IN 20XX AS A SEPARATE PROJECT

SYMBOLS

	KEYED NOTE CALLOUT
	SPOT ELEVATION CALLOUT
	SLOPE GRADE
	FLOW DIRECTION

KEYNOTES - INSTALLATION WORK

- INSTALL TYPE "L" CURB PER STD - 740
- INSTALL 4" THICK SIDEWALK STD - 752, WIDTH PER PLANS
- INSTALL ROAD SECTION PER
- INSTALL STANDARD DRIVEWAY OPENING FOR CURBSIDE SIDEWALK PER STD - 772 OR STD - 771 FOR BOULEVARD SIDEWALK.
- INSTALL 6" CONCRETE TO MATCH (OR 8" PER PLANS). MAX SLOPE OF DRIVEWAY IS 10% (2% MAX @ SIDEWALK)
- INSTALL 3" ASPHALT TO MATCH. MAX SLOPE OF DRIVEWAY IS 10%
- INSTALL 8' DRY WELL PER STD 616
- INSTALL CATCH BASIN PER STD 614
- INSTALL CURB RAMP WITH TRUNCATED DOMES PER STD - 750 & 751
- ALLEY APPROACH CONSTRUCTION PER STD - 708
- ADJUST UTILITY TO GRADE, ADD ROAD BOX IF NECESSARY
- MONOLITHIC SIDEWALK PER
- INSTALL 4" SCH 40 PVC LANDSCAPE SLEEVE (7LF TYP U.N.O.)
- SAW-CUT AND MATCH EXISTING FLOWLINE
- TYPE "L" TO MONO TRANSITION PER
- INSTALL SIGN & POST PER STD - 720 & 721
- INSTALL WALKWAY BARRICADE PER STD - 762
- INSTALL CURB OPENING PER STD - 607
- PAINT CURB WITH YELLOW EPOXY PAINT (XX LF)

GENERAL CONDITIONS OF CONSTRUCTION:

- The Standard General Conditions of the Contract prepared by the Engineers Joint Contract Documents Committee (Copyright 2002), as included in Montana Public Works Standard Specifications, are herein referred to as the General Conditions within these Drawings. Copies of the General Conditions will be provided to Contractor upon written request to Engineer.
- Wherever used in these Drawings, the terms, whether printed with initial capital letters or not, as listed in the Standard General Conditions of the Construction Contract (General Conditions), Article 1 - Definitions and Terminology, prepared by the Engineers Joint Contract Documents Committee (Copyright 2002) will have the meanings indicated, which are applicable to both the singular and plural thereof, except as follows:
 - The Contract Documents shall mean the Drawings as shown in these plans and any applicable referenced standards, specifications, or laws.
 - The Contract Price shall mean the moneys payable by Owner to Contractor for completion of the Work in accordance with the Agreement.
 - The Contract Times shall mean the number of days or the dates stated in the Agreement to complete the Work so that it is ready for final payment. If no such dates are established, the Contract Time shall be 120 days to complete the Work.
 - Effective Date of the Agreement shall have the meaning as listed in the General Conditions, Article 1. If no such Agreement exists, the Effective Date of the Agreement shall be the day the Contractor proceeds with the Work.
- By proceeding with the Work as shown on these Drawings, the Contractor makes the following representations:
 - Contractor has examined and carefully studied the Drawings and other related data.
 - Contractor is familiar with and is satisfied as to all federal, state and local laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
 - Contractor has visited the site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, performance or furnishing of the Work.
 - Contractor acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Drawings with respect to Underground Facilities at or contiguous to the site.
 - Contractor has obtained and carefully studied (or assumes responsibility for having done so) all such additional supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise, which may affect cost, progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor including applying the specific means, methods, techniques, sequences and procedures of construction, if any, expressly required by the Drawings to be employed by the Contractor, and safety precautions and programs incident thereto.
 - Contractor is aware of the general nature of work to be performed by Owner and others at the site that relates to the Work.
 - Contractor has given Engineer written notice of all conflicts, errors, ambiguities or discrepancies that Contractor has discovered in the Drawings and the written resolution thereof by Engineer is acceptable to Contractor.
 - The Drawings are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- In resolving disputes resulting from conflicts, errors or discrepancies, the order of precedence shall be as follows, as applicable to this project. Written agreement between owner and contractor, specifications, Drawings. Within the Specifications, the order of precedence is as follows: as applicable to this project. Addenda/Change Orders, Contractor's Bid, Special Provisions, Instructions to Bidders, Supplemental General Conditions, Notice Inviting Bids, General Conditions, Technical Specifications, Referenced Standard Specifications. With reference to the Drawings, the order of precedence is as follows, as applicable to this project: Figures govern over scaled dimensions, Detail drawings govern over general drawings, Addenda/Change Order drawings govern over contract drawings, contract drawings govern over standard drawings, contract drawings govern over shop drawings.
- If Contractor believes that any subsurface or physical condition at or contiguous to the Site that
 - is uncovered or revealed either is of such a nature as to require a change in the Drawings; or
 - differs materially from that shown or indicated in the Drawings; or
 - is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided in the drawings;
 then Contractor shall promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.
- Section 2.06 of the General Conditions is hereby incorporated into these Drawings.
- Section 3.03.A.2 of the General Conditions is hereby incorporated into these Drawings.
- Section 3.05 of the General Conditions is hereby incorporated into these Drawings.
- Section 3.06 of the General Conditions is hereby incorporated into these Drawings.
- Section 4.05 of the General Conditions is hereby incorporated into these Drawings.
- Section 6.01, 6.02.A, and 6.03 of the General Conditions are hereby incorporated into these Drawings.
- Substitutes and "Or-Equals" items are subject to the provisions of the General Conditions, Section 6.05.
- Section 6.13 of the General Conditions is hereby incorporated into these Drawings, except that Section 6.13.D shall be replaced with the following sentence.
Contractor's duties and responsibility for safety and for protection of the Work shall continue until such time as all the Work is completed and Engineer and Owner, as applicable to the Work, have accepted that the work is complete.
- Section 6.11, 6.14, 6.15, 6.16, 6.18, 6.19, 6.20, and 6.21 of the General Conditions are hereby incorporated into these Drawings.
- Article 9 - Engineer's Status During Construction of the General Conditions is hereby incorporated into these Drawings, except as follows:
 - Delete the last sentence of Section 9.05.A.
 - Delete Section 9.06, 9.07, 9.08.B, 9.08.C, and 9.09.D.
- Section 10.02 of the General Conditions is hereby incorporated into these Drawings.
- Article 13 - Tests and Inspections, Correction, Removal or Acceptance of Defective Work of the General Conditions is hereby incorporated into these Drawings.

STANDARD SPECIAL PROVISIONS:

- The Contractor shall be responsible for all permits, licenses and fees required for completion of this project unless specifically noted otherwise.
- The Contractor shall provide the Owner with a 24 hour phone number of a party responsible and capable of immediate local response to emergency maintenance for the duration of the Work. Contractor shall provide the name of the responsible party and phone number in writing prior to proceeding with the Work.
- Unless noted otherwise, the contractor shall be responsible for any necessary traffic control on and off-site including obtaining any applicable permits.
- Material stockpiled along the project route shall be done so in a manner that does not affect public safety and is in a neat and orderly fashion.
- The Contractor shall be responsible for disposing of all waste and excess materials such as, but not limited to: vegetation, trees, brush, asphalt, concrete, sub-grade soils, etc., offsite in accordance with local, city, state, and federal laws. The Owner reserves the right to approve certain waste materials to be stockpiled at a location on-site.
- The contractor will be responsible to adhere to the MDEQ or EPA approved Storm Water Pollution Prevention Plan (SWPPP), if applicable to the project. The contractor is responsible for repairing any damage made to BMPs identified in the SWPPP. The approved Storm Water Pollution Prevention Plan will be provided by Owner to Contractor upon written request. If a SWPPP has not been prepared for the project, but is required by regulation, the Contractor is responsible for preparing and submitting a Notice of Intent and SWPPP.
- The Contractor will be required to make every effort to immediately restore the construction area once the construction task is completed. All seeding shall be completed in accordance with MPWSS 02910. This includes such required activities as finish grading, spreading of topsoil, restoring irrigation, replacing traffic and street signs, etc. The contractor will have 48 hours to begin restoration once the construction task in the immediate area is complete. Once restoration is begun, it must be completed without interruption to the extent possible.
- After all work on this project is completed and before final acceptance of the project, the entire project shall be neatly finished to the lines, grades, and cross sections shown on the plans and as hereinafter specified.
 - Drainage facilities, such as inlets, catch basins, storm pipe, culverts, and curb and gutter shall be cleaned of all debris, gravel, silts or other foreign material.
 - The Contractor shall remove and dispose of all construction stakes.
 - All areas disturbed by the construction shall be shaped to present a uniform appearance blending into the contour of adjacent properties. All surface replacement and landscaping shall be completed.
 - Except as otherwise permitted, all excess excavated materials shall be disposed of away from the site of the work.
 - Broken concrete and other debris resulting from pavement or sidewalk removal, excavated rock in excess of the amount permitted, and other waste and debris encountered in excavated work, and other similar waste materials shall be disposed of away from the site.
 There will be no separate measurement or payment for cleanup, and all costs for such work shall be included in the Contract Price.
- No on-site burning of waste materials will be allowed.
- If a street has not been surfaced and cleaned, the Contractor shall be responsible for dust control and maintenance of the site. Also, if detours are made on a gravel road, the Contractor is responsible for dust control and maintenance on the detours. See "Air Quality" below also.
- Daily street sweeping shall be completed on both ends of each street during construction. Unpaved detours or any other fugitive dust emission sources from construction and demolition should be watered and/or chemically stabilized so emissions are less than 20% opacity.

UTILITY NOTES:

- The Contractor shall notify appropriate personnel for utility locations and notice of construction commencement at least two business days prior to proceeding with the Work. Before Contractor proceeds with the Work, a common locate service (One Call) is available at 1-800-424-5555. All Underground Facilities may not be located by the One Call service including but not limited to such Underground Facilities as irrigation systems, public and private water and sewer systems, etc.
- The Contractor shall support and protect all exposed utilities in conformance with the utility owner's standards.
- The information and data shown or indicated in the Drawings with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise noted:
 - Owner and Engineer shall not be responsible for the accuracy or completeness of any such information or data; and
 - The cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - Reviewing and checking all such information and data,
 - Locating all Underground Facilities shown or indicated in the Drawings,
 - Coordination of the Work with the owners of such Underground Facilities, including Owner, during construction, and
 - The safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.
- At least 2 business days before beginning any excavation, the Contractor shall, according to MCA 69-4-501, notify all owners of underground facilities and coordinate the Work with the owners of such underground facilities. The information shown or indicated in the Drawings with respect to existing underground facilities is based on information and data obtained from the owners of the facilities without field exploration, and as such, Owner and Engineer are not responsible for the accuracy or completeness of such information or data.

CONSTRUCTION NOTES:

- All Work shall be in accordance with the Montana Public Works Standard Specifications (MPWSS), 7th Edition, dated April 2021, and City of Missoula Standards, Special Provisions, and Contract Documents.
- Contractor shall comply with Construction and Temporary Facilities, Section 01500, MPWSS, and City of Missoula Standards.
- Contractor shall comply with Construction Traffic Control, Section 01570, MPWSS, and City of Missoula Standards.
- Elevations shown on the Drawings are to finished surface grade unless otherwise indicated.
- Elevations for curb and gutter are for top back of curb, unless otherwise indicated. Elevations provided at curb lay downs are for the "projected" top back of curb, as though the specified curb was being installed through the lay down. This allows the contractor to set his curb string line or forms based on the elevations shown on the plans, and then cut out the extra concrete for the lay down.
- Sidewalk maximum cross slope shall be 2% (1/4" per 1'). Contractor is advised to set forms at 1% rather than 2%. All sidewalk exceeding 2% cross slope shall be replaced at contractors expense.

CONSTRUCTION STAKING:

- The owner will provide construction staking one time. Additional staking will be the responsibility of the contractor for scheduling and payment.
- Contractor is responsible to coordinate and request staking at least five days in advance, unless otherwise agreed upon in writing by Engineer.
- Staking will be provided as indicated in the Contract Documents.
- Cut sheets will be provided to the contractor with elevation from hub to finished grade, unless noted otherwise. Cut sheets for pipe installation provide the elevation from the hub to the invert of the pipe, unless noted otherwise.
- Engineer does not consider staking to be complete and ready for use until cut sheets have been delivered to Contractor. Contractor's uses of construction staking prior to receipt of cut sheets is at contractor's risk. Any work incorrectly installed due to contractor's use of preliminary construction staking will be removed and replaced at contractor's expense.

CONSTRUCTION QUANTITIES (SURFACE INFRASTRUCTURE):

2,944 LINEAR FEET OF CURB AND GUTTER (STANDARD 6" THICK PAN)
22,210 SQUARE FEET OF 4' CONCRETE SIDEWALK
2,580 SQUARE FEET OF 6" CONCRETE SIDEWALK AND DRIVEWAY
2,301 SQUARE FEET OF 8" CONCRETE SIDEWALK AND DRIVEWAY
1,164 SQUARE YARDS OF 3" ASPHALT PAVEMENT
12 EACH 8' DRY WELL

DEMOLITION QUANTITIES:

252 SQUARE YARDS OF CONCRETE SIDEWALK/ DRIVEWAY
1,952 SQUARE YARDS OF ASPHALT
1,961 LINEAR FEET OF CONCRETE CURB
5 EACH OF SUMPS
43 EACH OF TREES

ABBREVIATIONS

BC	BACK OF CURB
BSW	BACK OF SIDEWALK
CBU	CLUSTER BOX UNIT
CMP	CORRUGATED METAL PIPE
ELEV	ELEVATION
(E)	EXISTING
EX	EXISTING
FG	FINISHED GRADE
FL	FLOWLINE
HP	HIGH POINT
INV	INVERT
LF	LINEAR FOOT
MAX	MAXIMUM
MIN	MINIMUM
MPOC	MID POINT OF CURVE
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NWE	NORTHWESTERN ENERGY
(P)	PROPOSED
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENT
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
ROW	RIGHT OF WAY
SIM	SIMILAR
STA	STATION
STD	CITY OF MISSOULA STANDARD DRAWING
SW	SIDEWALK
TBC	TOP BACK OF CURB
TOA	TOP OF ASPHALT
TOC	TOP OF CONCRETE
TYP	TYPICAL
URD	URBAN RENEWAL DISTRICT

1817 SOUTH AVE. W. STE. A PH: 406.721.0142
MISSOULA, MT. FAX: 406.721.5524
www.imegcorp.com

DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	
CITY COMMENTS	
CITY COMMENTS	
CITY COMMENTS	

DESIGNED: CD
 DRAFTED: JW
 CHECKED:
 DATE: MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

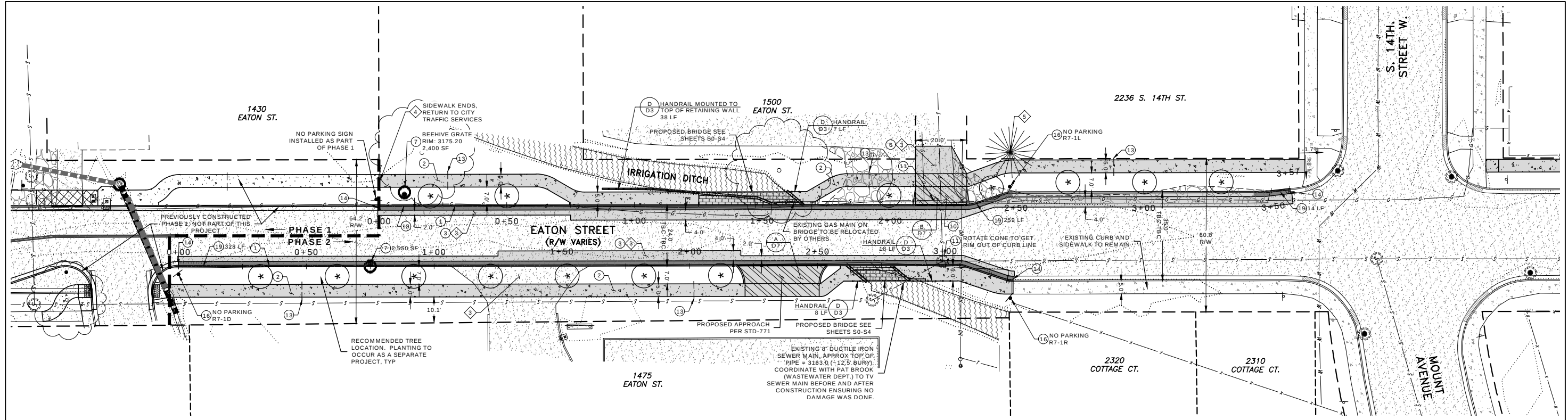
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

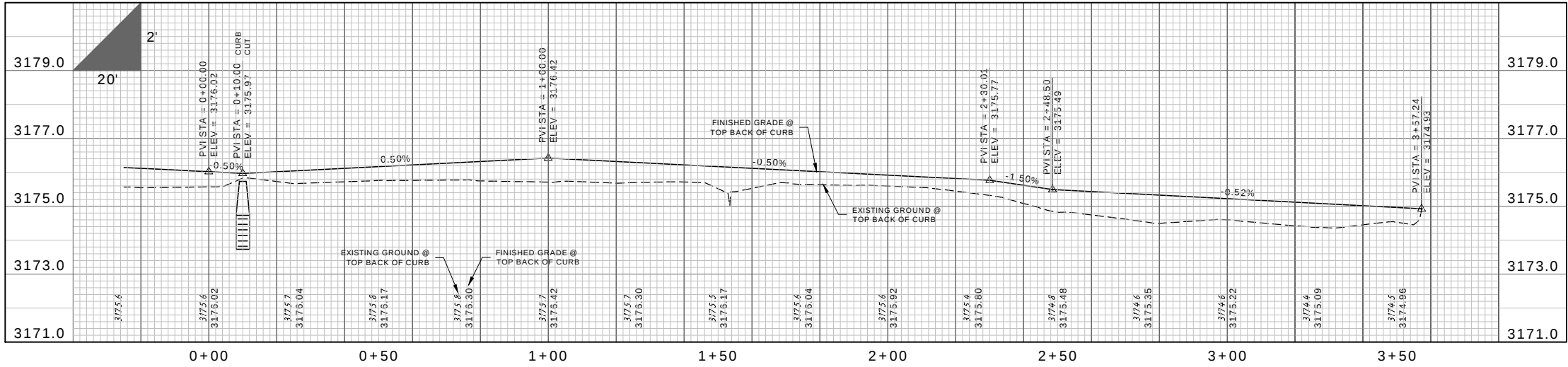
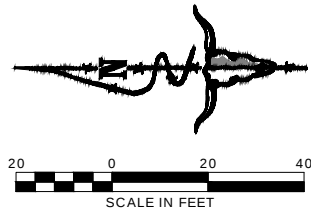
PROJECT NO.: 21003629

SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
LEGEND AND NOTES SHEET

SHEET: 2 OF 16

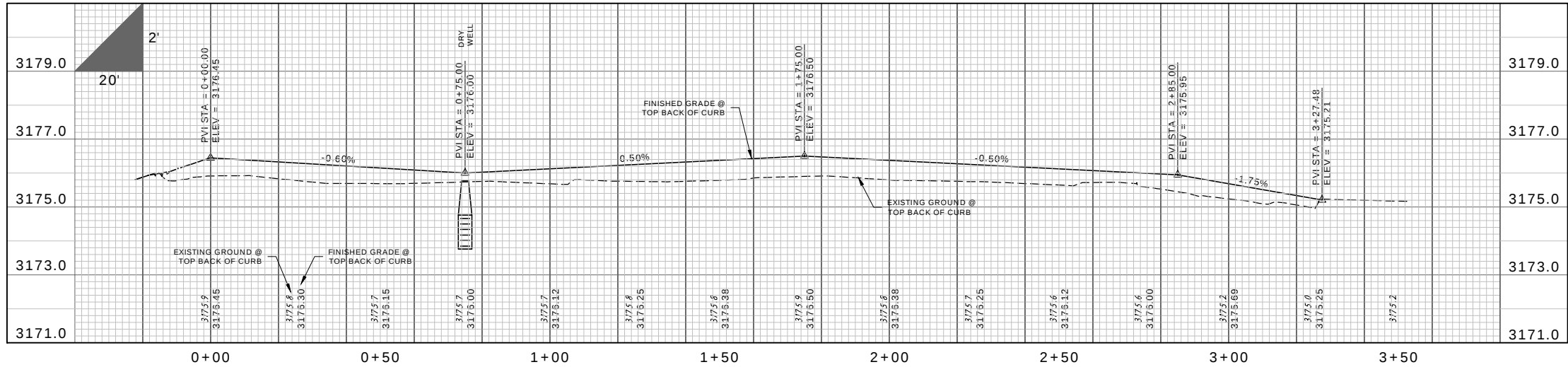


PLAN VIEW



NOTE:
1. SET ALL SIGNAGE WITH AN ARROW AT AN ANGLE OF 30-45 DEGREES WITH THE LINE OF TRAFFIC FLOW.

PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



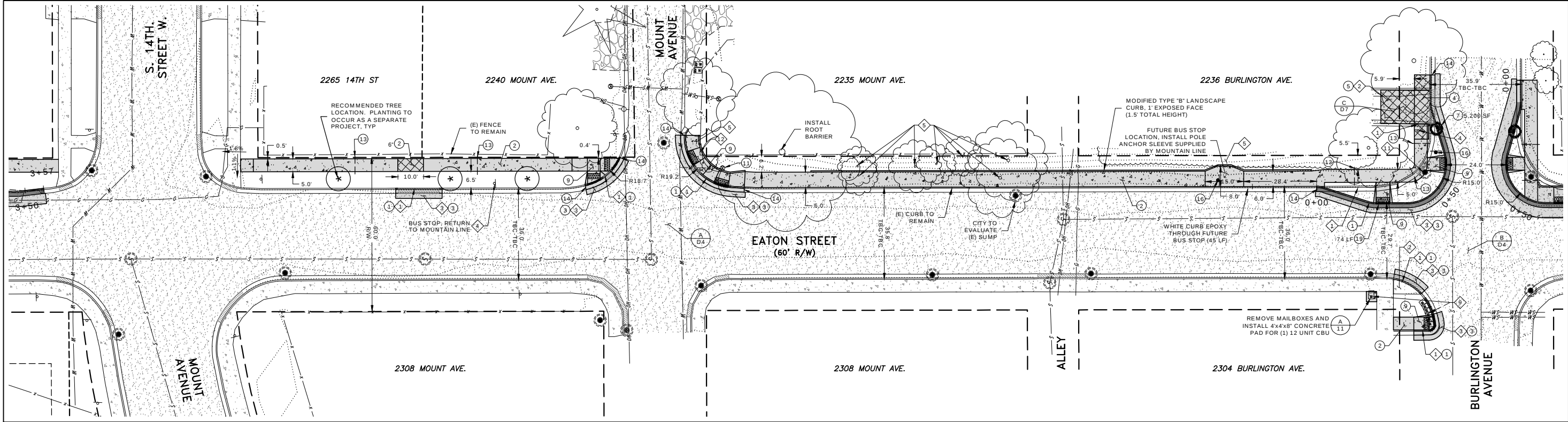
PROFILE VIEW - TOP BACK OF CURB (EATON ST. WEST)

DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	

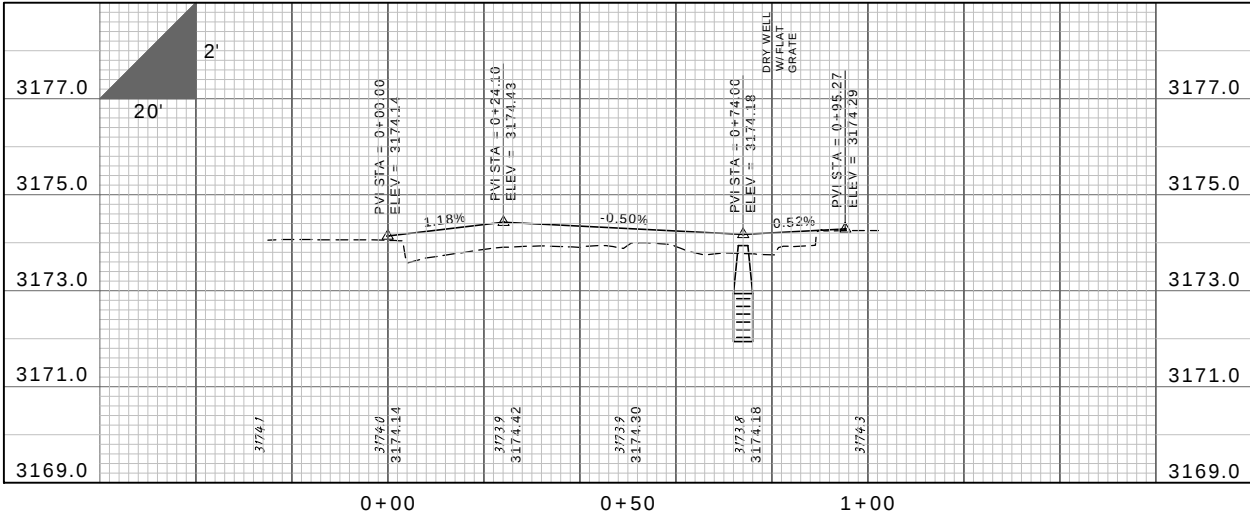
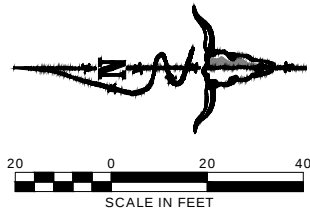
DESIGNED: CD
DRAFTED: JW
CHECKED:
DATE: MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET
PROJECT NO: 21003629
SHEET: 3 OF 16



PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)

PROJECT NO.
21003629

PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

SHEET:
4 OF 16

SHEET TITLE:
CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET

DATE
6/6/2023

DESIGNED BY
CD

DATE
MAR, 2023

CITY COMMENTS
11/19/2024

CITY COMMENTS
10/03/2025

CITY COMMENTS

LOCATION:
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

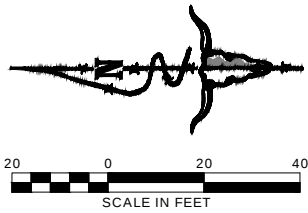
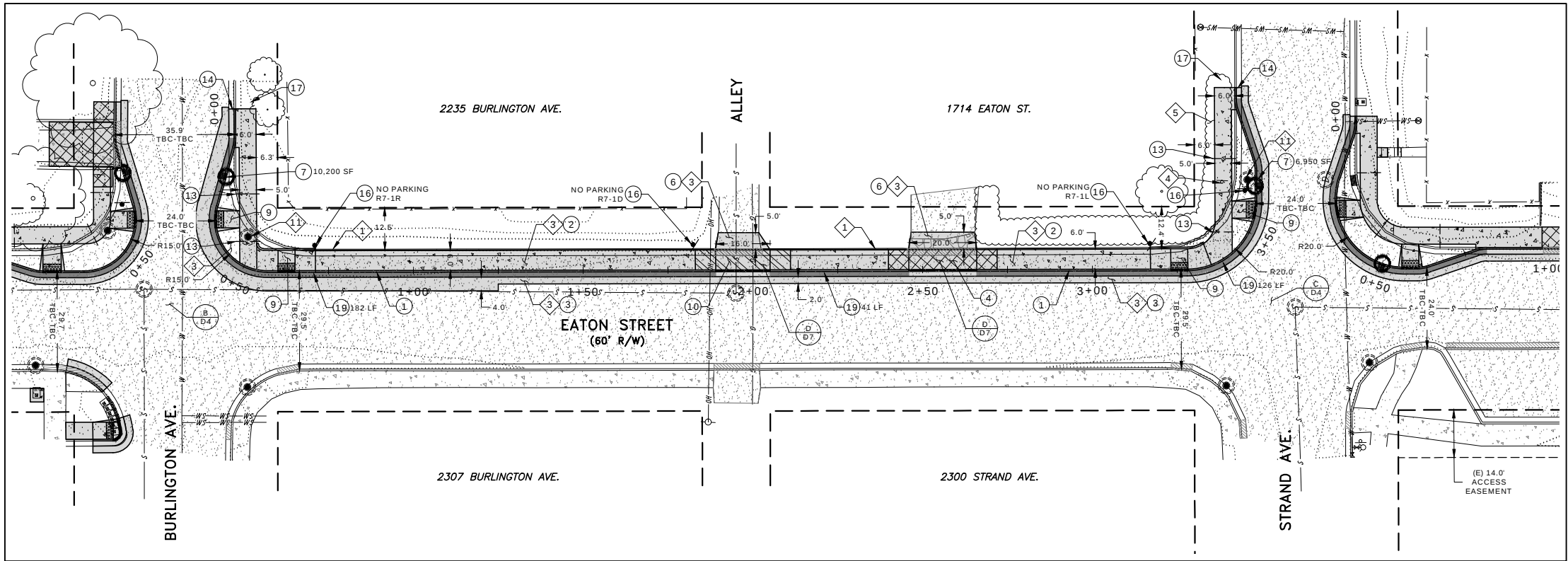
PREPARED FOR:
CITY OF MISSOULA
PUBLIC WORKS

MISSOULA
CORY DAVIS
No. 39004
6/18/23
LICENSED
PROFESSIONAL ENGINEER

IMEG
1817 SOUTH AVE. W. STE. A PH. 406.721.0142
MISSOULA, MT. FAX. 406.721.5524
www.imegcorp.com
59801

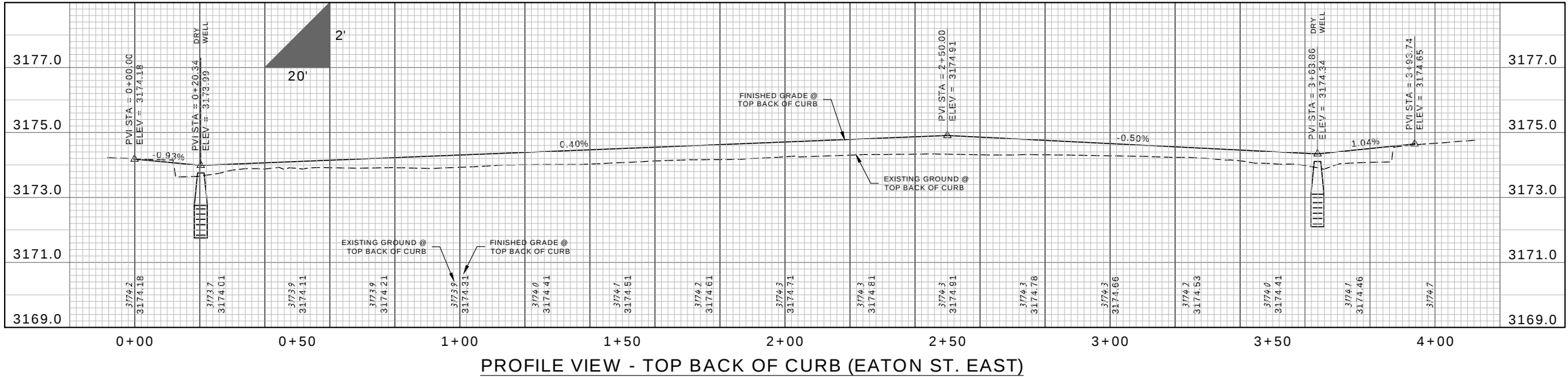
DATE
6/6/2023
CITY COMMENTS
11/19/2024
CITY COMMENTS
10/03/2025
DESIGNED BY
CD
DRAFTED BY
JW
CHECKED BY
MAR, 2023

PROJECT NO.
21003629
PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE
SHEET:
4 OF 16
SHEET TITLE:
CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET



NOTE:
1. SET ALL SIGNAGE WITH AN ARROW
AT AN ANGLE OF 30-45 DEGREES
WITH THE LINE OF TRAFFIC FLOW.

PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



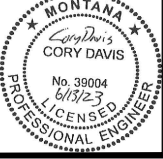
DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	

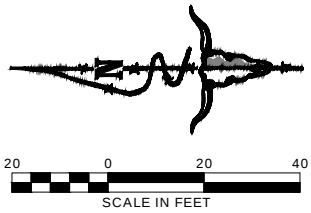
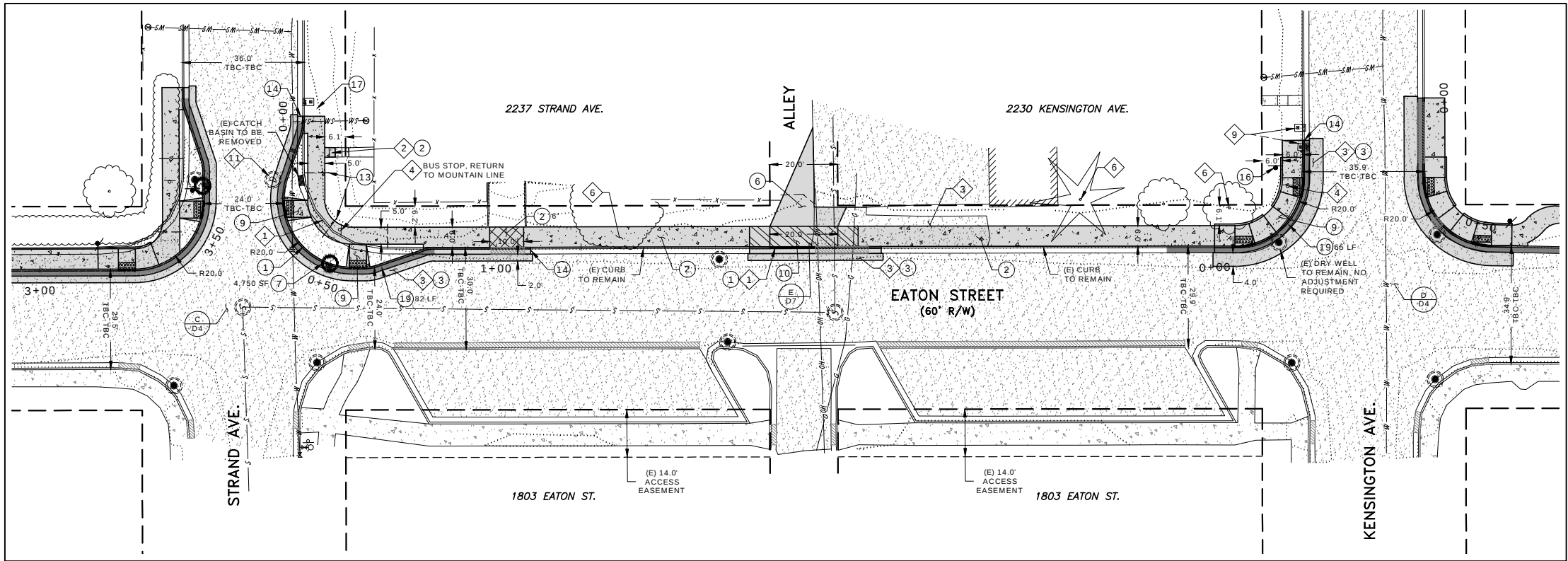
DESIGNED: CD
DRAFTED: JW
CHECKED:
DATE: MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

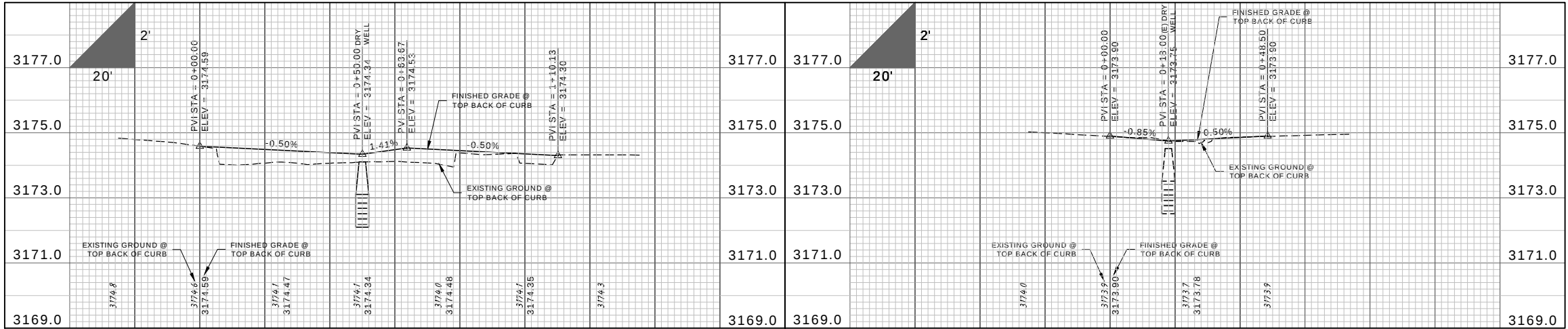
PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET

PROJECT NO. 21003629
SHEET: 5 OF 16





PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



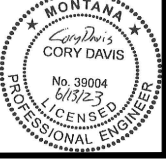
DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	

DESIGNED: CD
DRAFTED: JW
CHECKED:
DATE: MAR, 2023

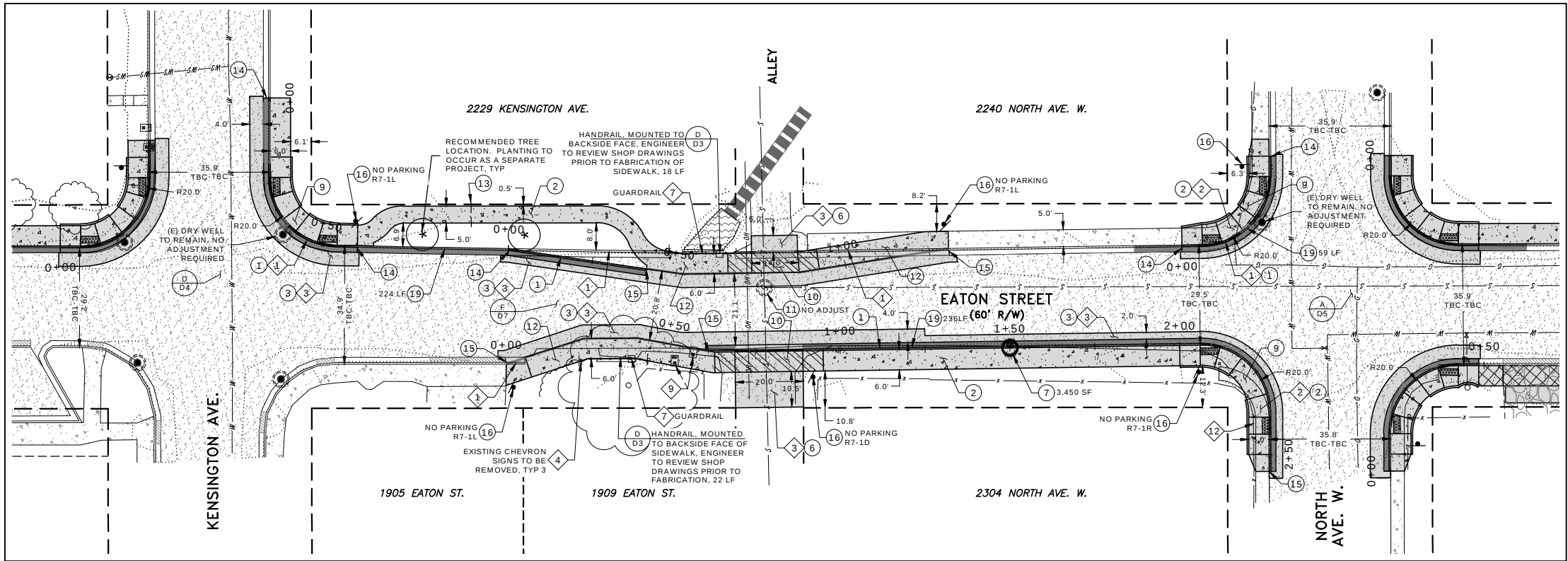
LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET

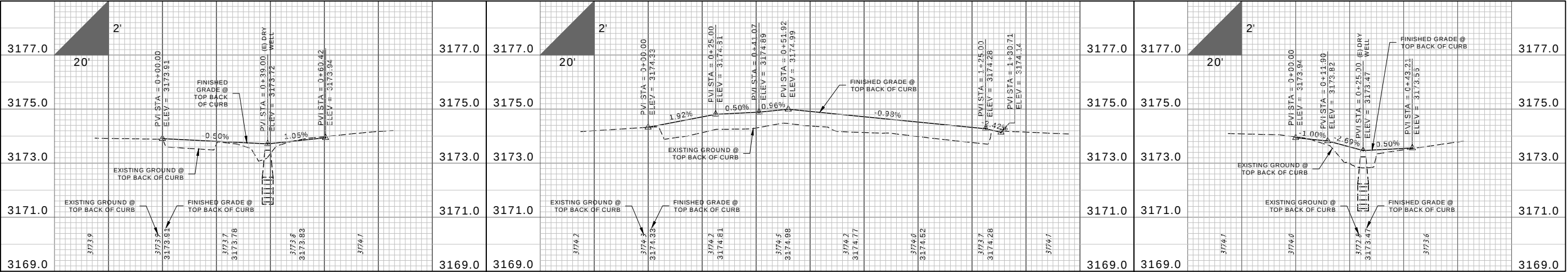
PROJECT NO. 21003629
SHEET: 6 OF 16



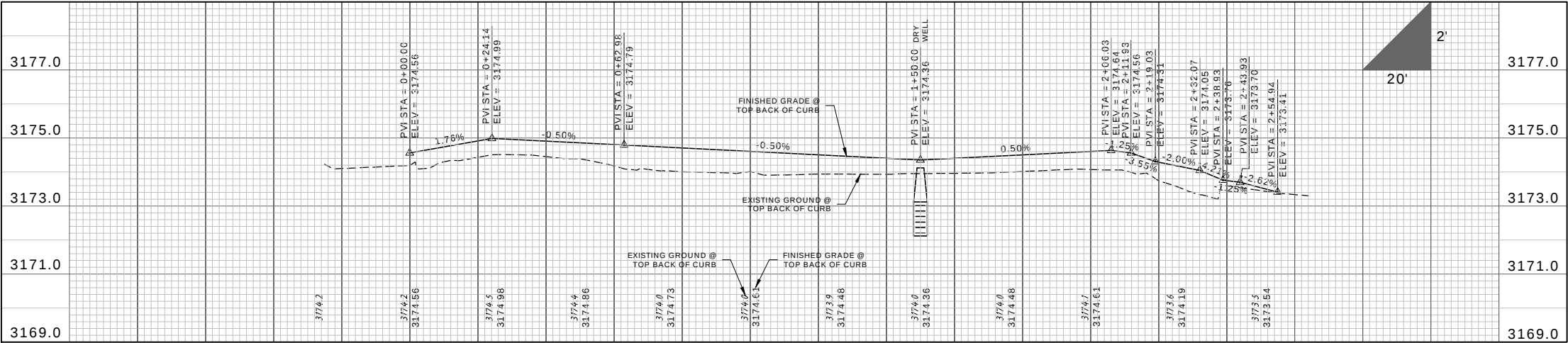
DWG LOCATION: G:\2023\21003629\DRAWINGS\AUTOCAD\PLANS SET\ROAD\RD_21003629_P041.DWG



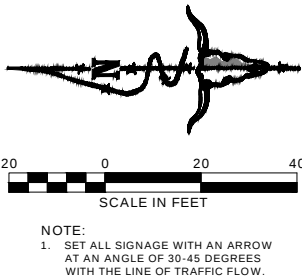
PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



PROFILE VIEW - TOP BACK OF CURB (EATON ST. WEST)



PROJECT NO.
21003629

PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

PROJECT TITLE
CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET

DATE
6/6/2023

CITY COMMENTS
11/19/2024

CITY COMMENTS
10/03/2025

DESIGNED
CD

DRAFTED
JW

CHECKED
MAR, 2023

LOCATION
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR
CITY OF MISSOULA
PUBLIC WORKS

IMAG

1817 SOUTH AVE. W. STE. A
PO BOX 721
MISSOULA, MT 59801

DATE
6/6/2023

CITY COMMENTS
11/19/2024

CITY COMMENTS
10/03/2025

DESIGNED
CD

DRAFTED
JW

CHECKED
MAR, 2023

LOCATION
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR
CITY OF MISSOULA
PUBLIC WORKS

PROFESSIONAL ENGINEER
CORY DAVIS
No. 39004
6/18/23

DATE
6/6/2023

CITY COMMENTS
11/19/2024

CITY COMMENTS
10/03/2025

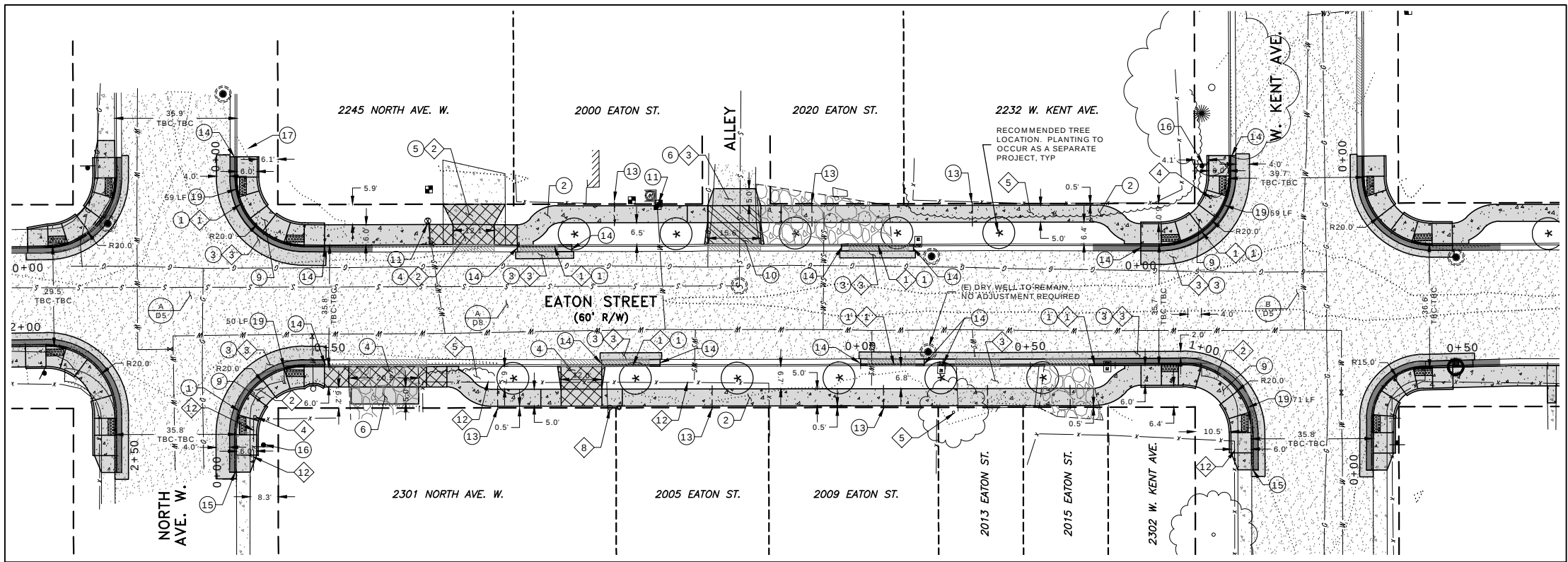
DESIGNED
CD

DRAFTED
JW

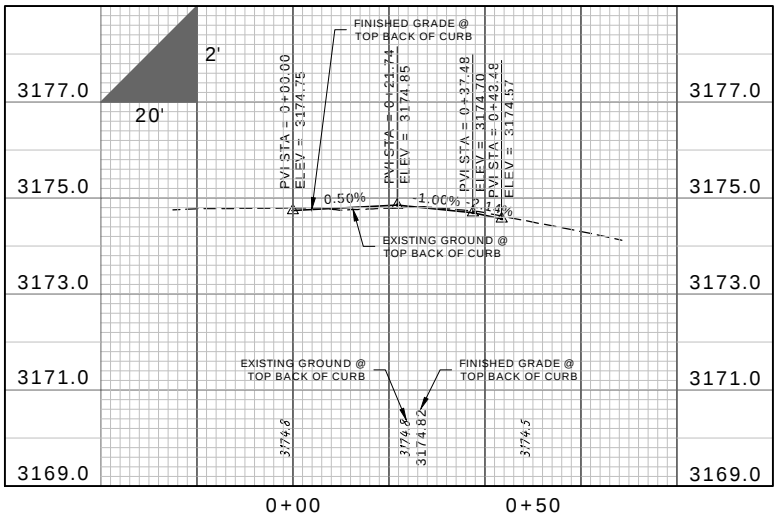
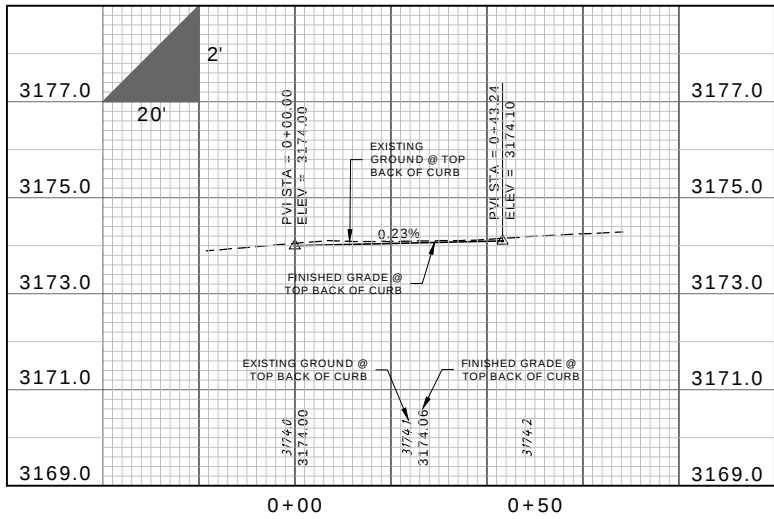
CHECKED
MAR, 2023

LOCATION
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

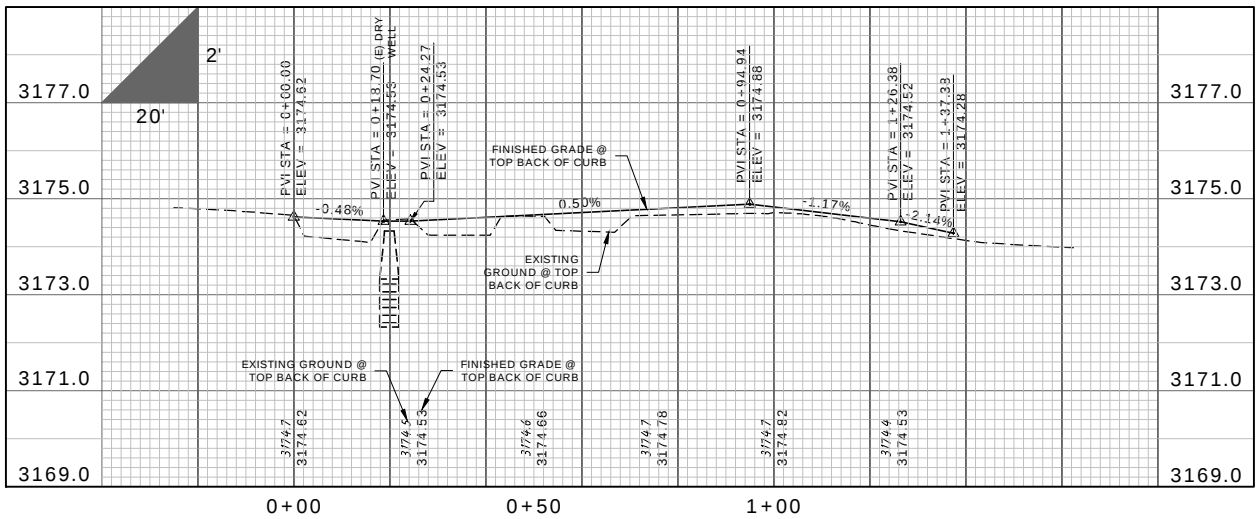
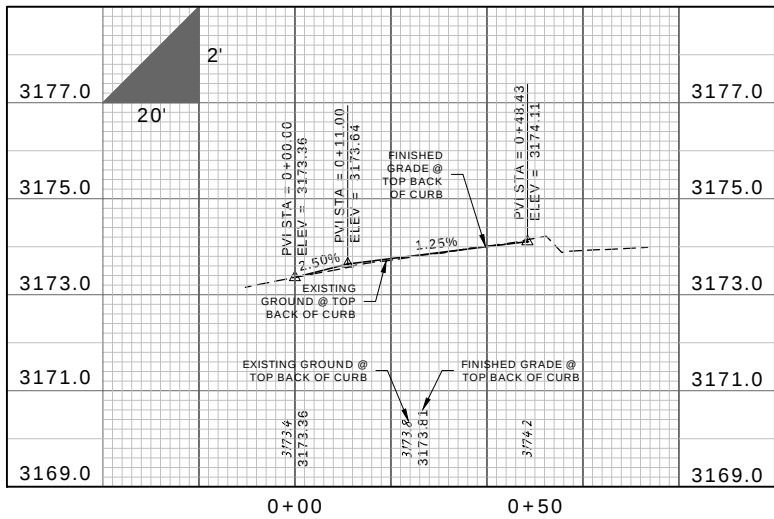
PREPARED FOR
CITY OF MISSOULA
PUBLIC WORKS



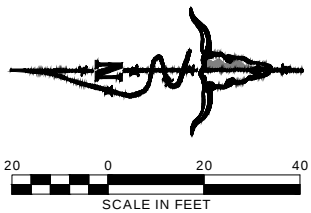
PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



PROFILE VIEW - TOP BACK OF CURB (EATON ST. WEST)



IMEG

1817 SOUTH AVE. W. STE. A
PO BOX 406 721 0142
MISSOULA, MT 59801
FAX: 406 721 5224
WWW.IMEG.CORP.COM

DATE: 6/6/2023

REVISIONS: CITY STAGE 3 COMMENTS: 11/19/2024

DESIGNED: CD

DRAFTED: JW

CHECKED: MAR, 2023

DATE: 10/03/2025

CITY COMMENTS:

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

PROJECT NO: 21003629

SHEET: 8 OF 16

SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET

PROFESSIONAL ENGINEER

CORY DAVIS

6/18/23

No. 39004

DATE: 6/6/2023

REVISIONS: CITY STAGE 3 COMMENTS: 11/19/2024

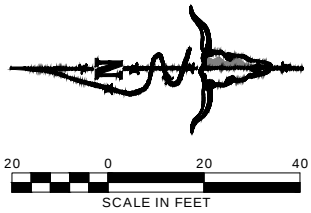
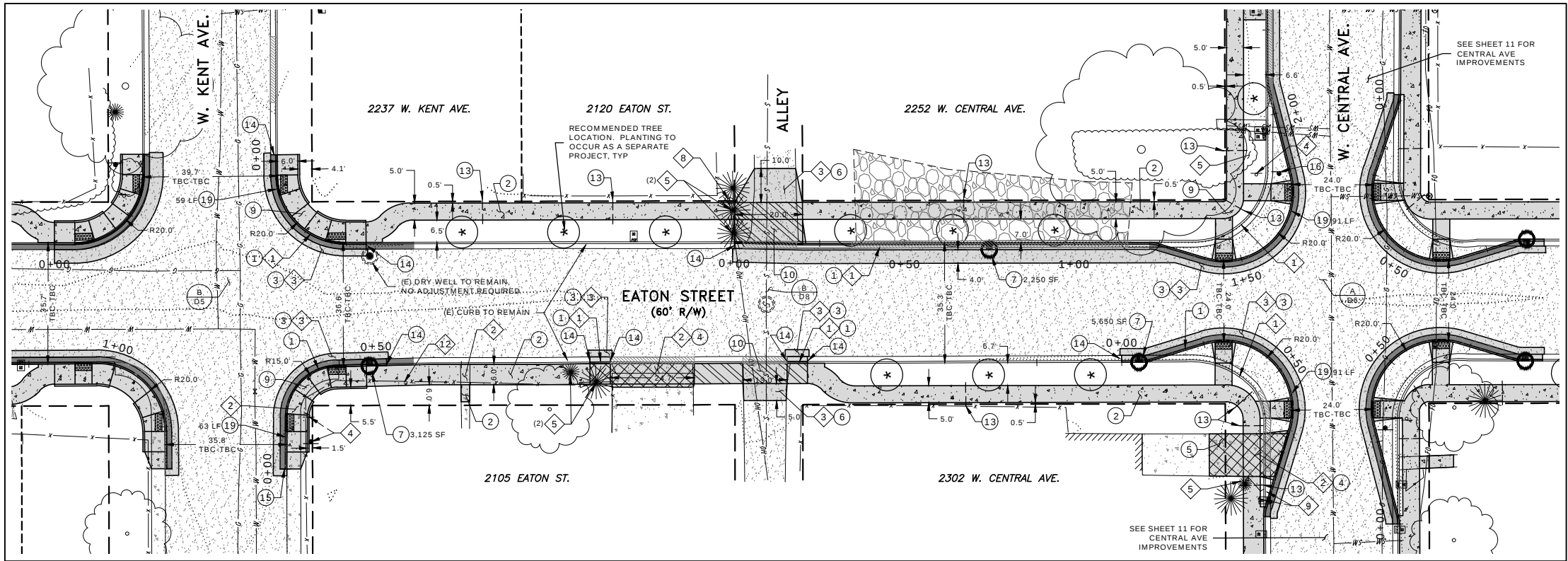
DESIGNED: CD

DRAFTED: JW

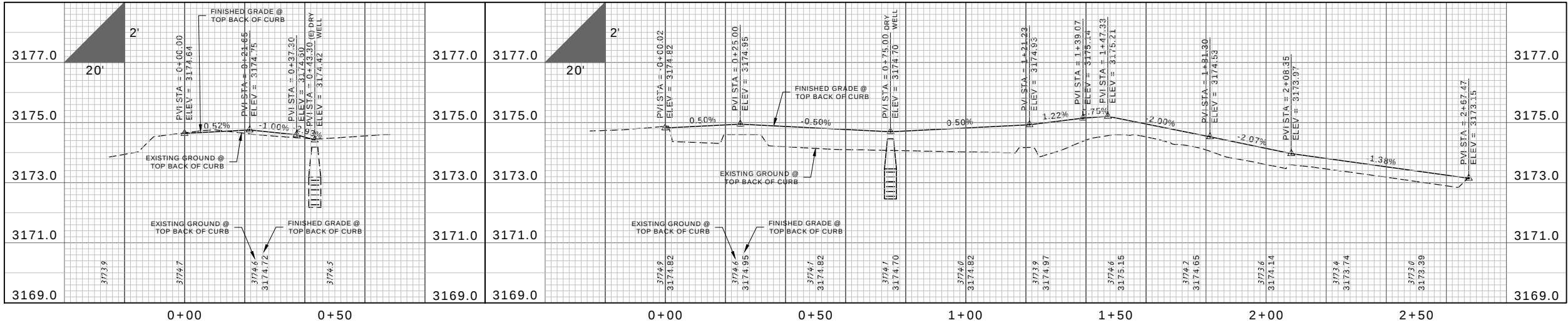
CHECKED: MAR, 2023

DATE: 10/03/2025

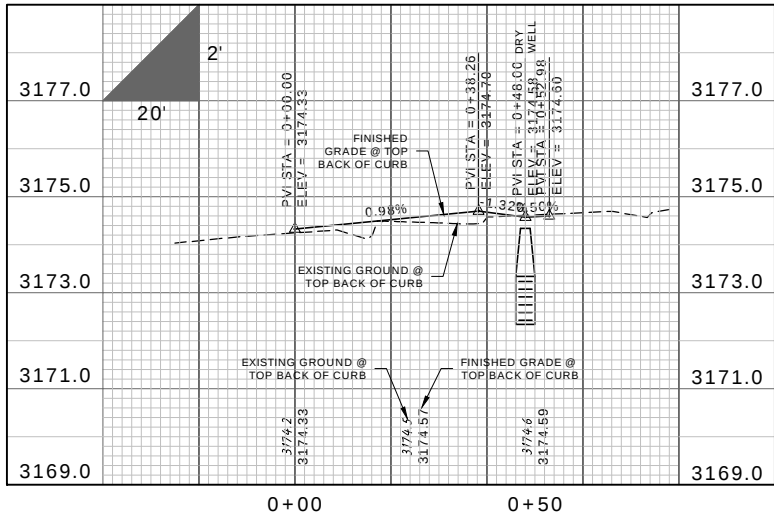
CITY COMMENTS:



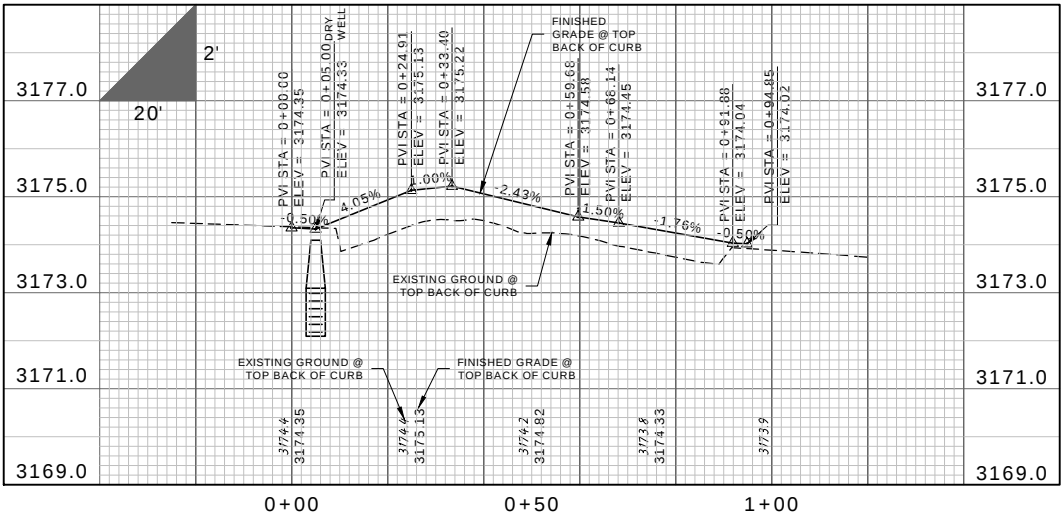
PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



PROFILE VIEW - TOP BACK OF CURB (EATON ST. WEST)

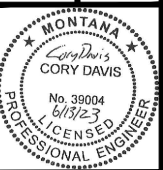


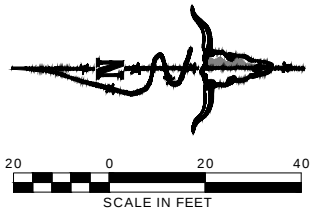
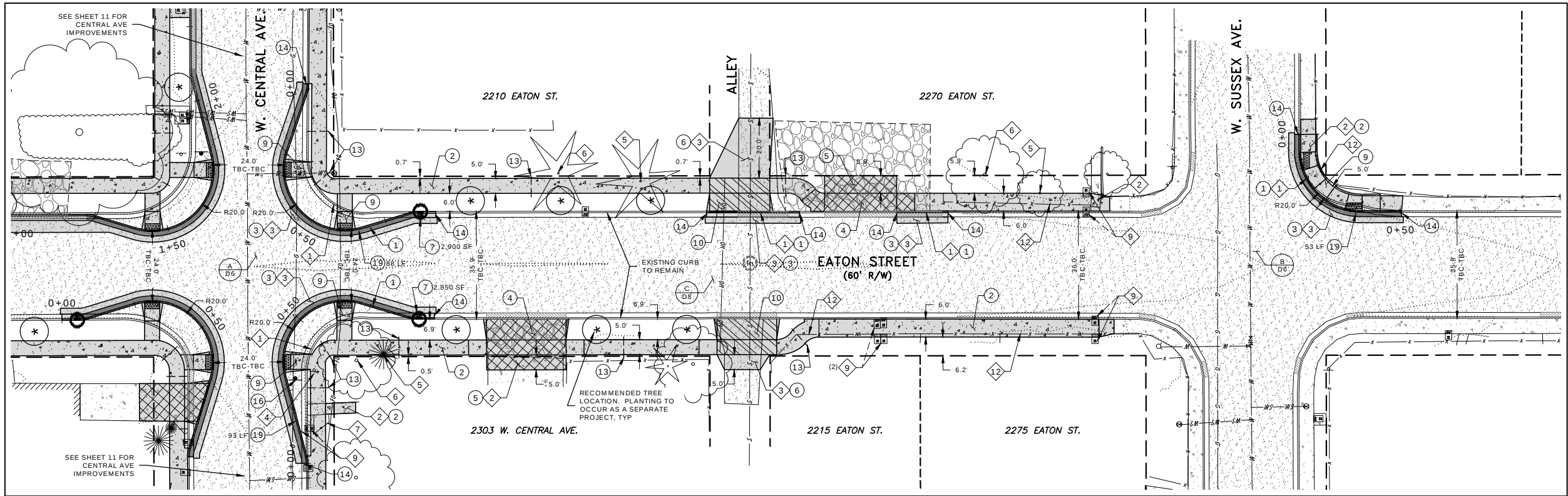
DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	

DESIGNED: CD
DRAFTED: JW
CHECKED:
DATE: MAR, 2023

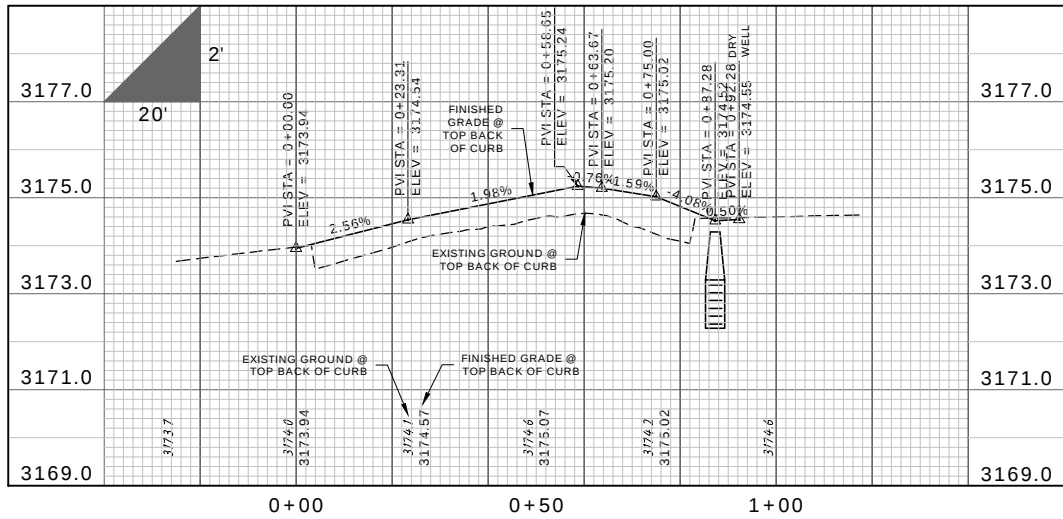
LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
21003629
13TH STREET TO SUSSEX AVENUE
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET
SHEET: 9 OF 16

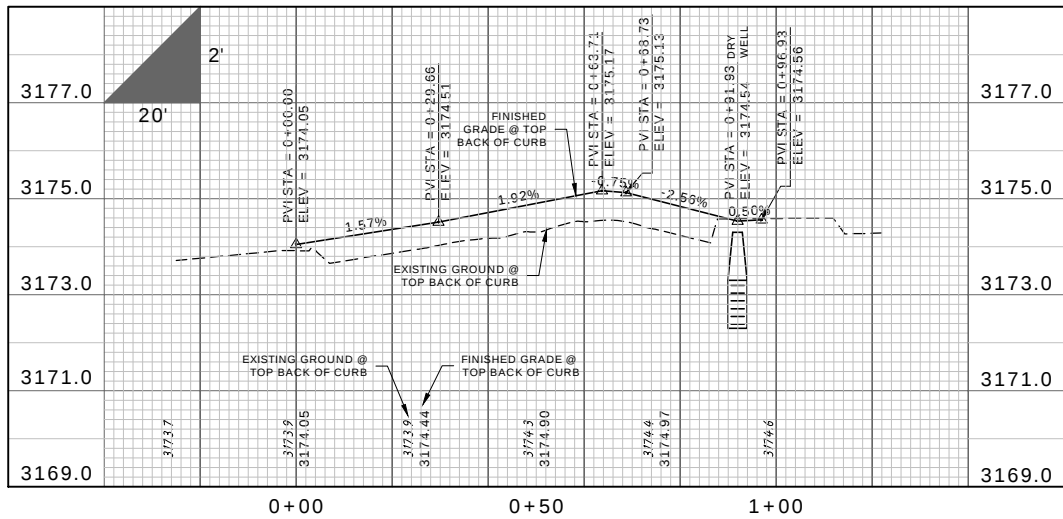
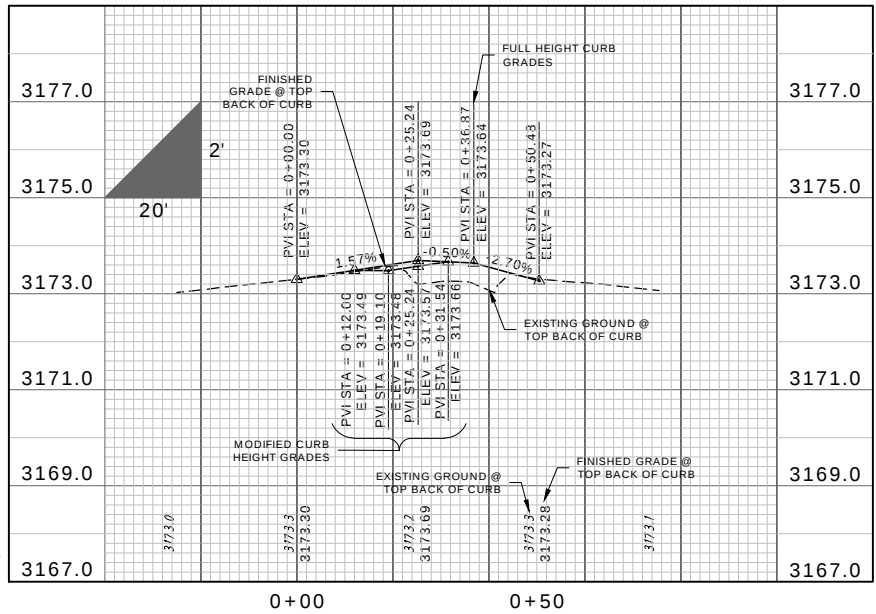




PLAN VIEW



PROFILE VIEW - TOP BACK OF CURB (EATON ST. EAST)



PROFILE VIEW - TOP BACK OF CURB (EATON ST. WEST)

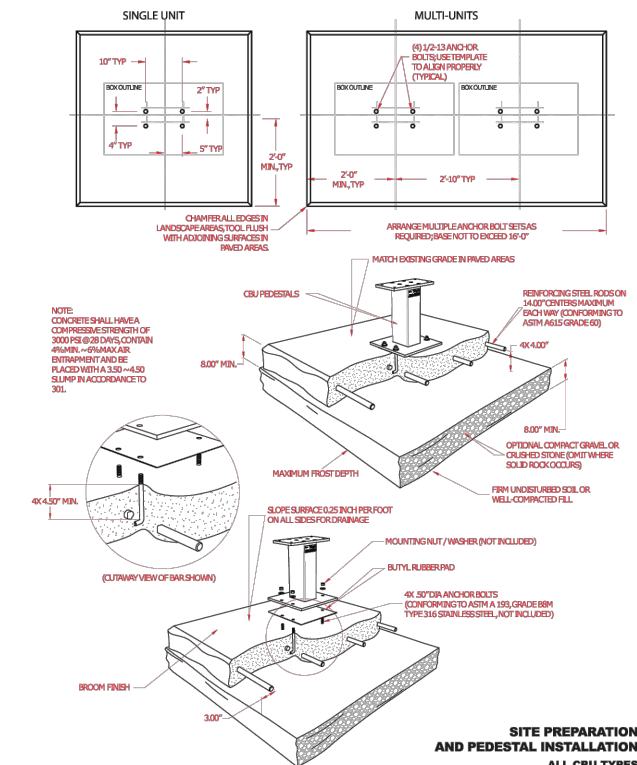
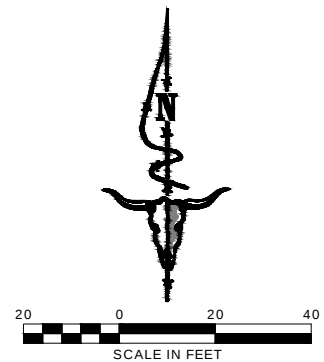
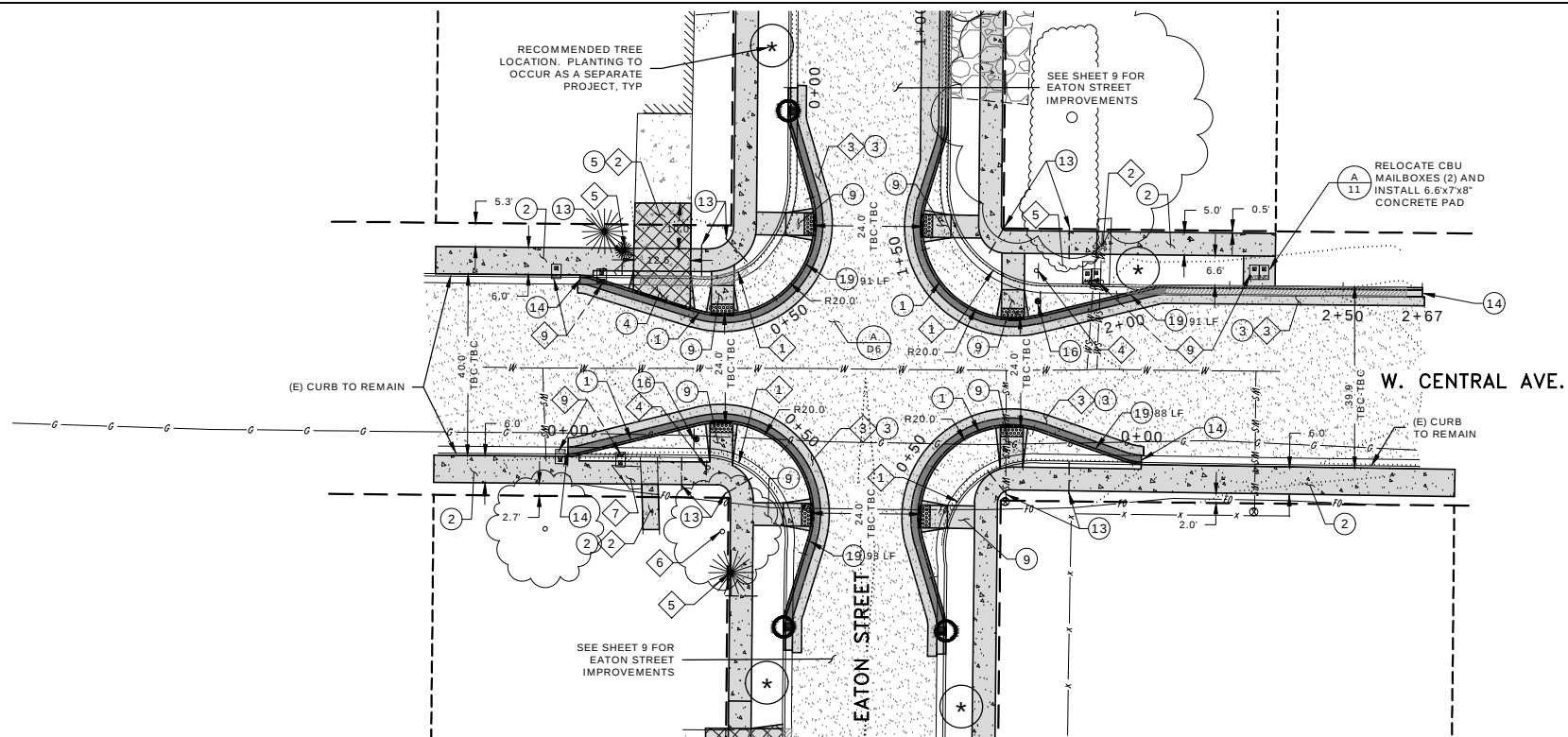


DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	
CITY COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
DESIGNED:	CD
DRAFTED:	JW
CHECKED:	
DATE:	MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
PROJECT NO.: 21003629
SHEET: 10 OF 16
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET





SALSBURY INDUSTRIES
18300 Central Avenue, Carson, CA 90746-4008
Phone: 1-800-624-5269 Int'l Phone: 323-846-6700
Fax: 1-800-624-5269 Int'l Fax: 323-846-6800
www.mailboxes.com eng@mailboxes.com

Installation instructions are provided as general guidelines. It is advised that a professional installer be consulted. Salsbury Industries assumes no product assembly or installation liability.
Copyright © 2020 Salsbury Industries. All rights reserved. — Part No. 1055282, Rev. 07 Page 3 of 10



Visit us at: www.mailboxes.com

MODEL #3312
CLUSTER BOX UNIT
(F SERIES)

AVAILABLE COLORS:
SANDSTONE, BRONZE, GREEN, BLACK, WHITE
OR GRAY (FOR REPLACEMENT UNITS)
USPS ACCESS OR PRIVATE ACCESS

DRAWN: 6/2020

SALSBURY
18300 Central Avenue
CARSON, CA 90746-4008
PHONE: (800) 624-5269
FAX: (800) 624-5269
email: engineering@mailboxes.com

A CBU DETAIL

NOT TO SCALE



DATE	6/6/2023
REVISIONS	
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	
DESIGNED:	CD
DRAFTED:	JW
CHECKED:	
DATE:	MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

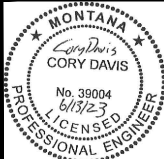
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

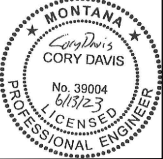
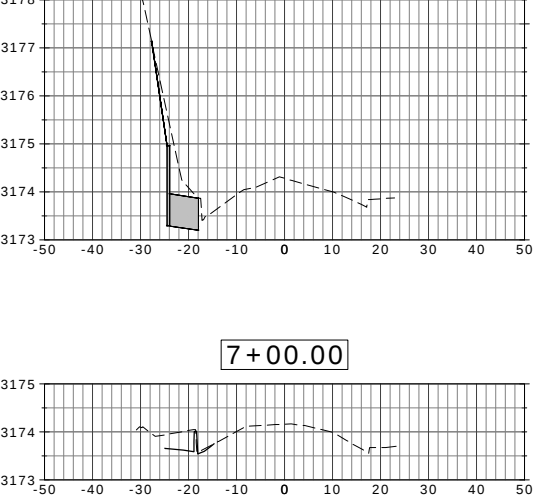
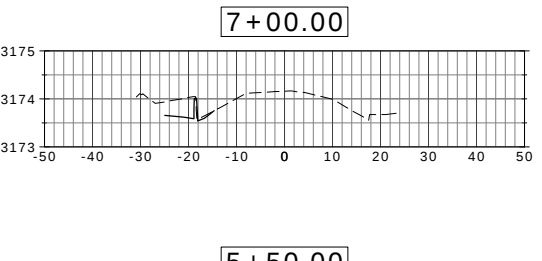
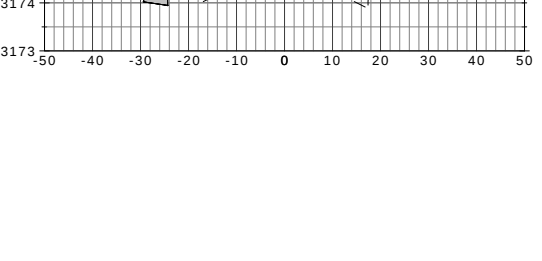
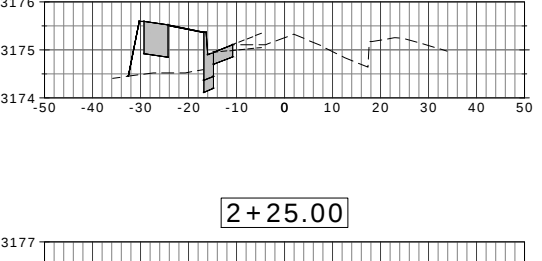
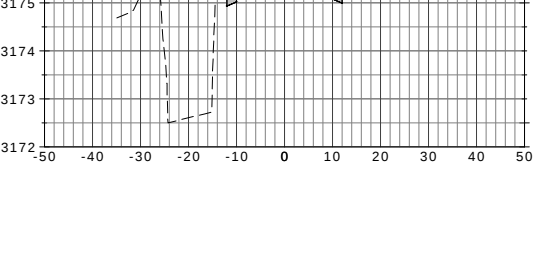
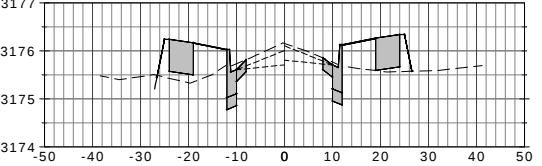
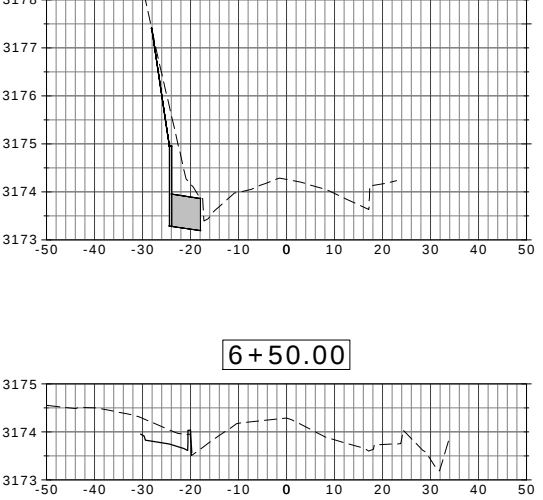
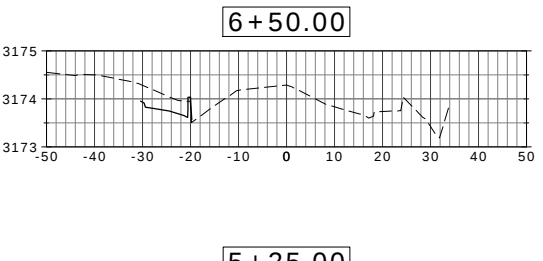
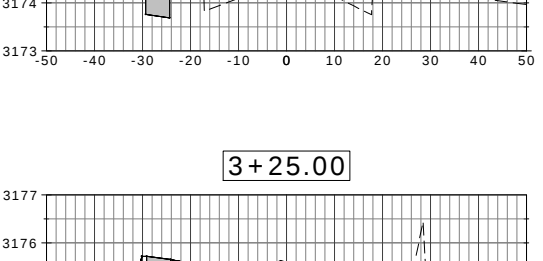
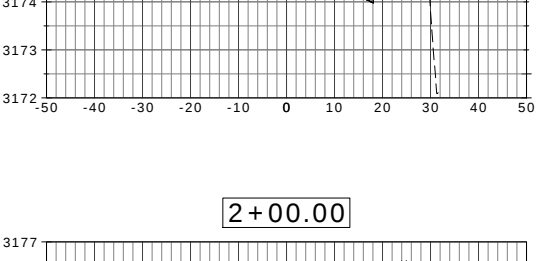
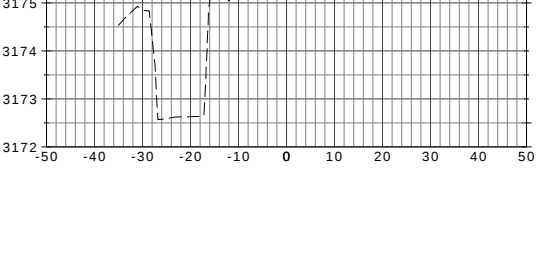
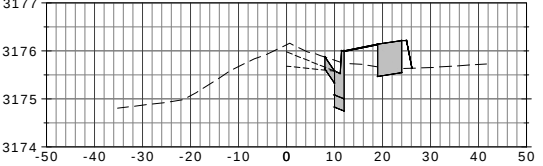
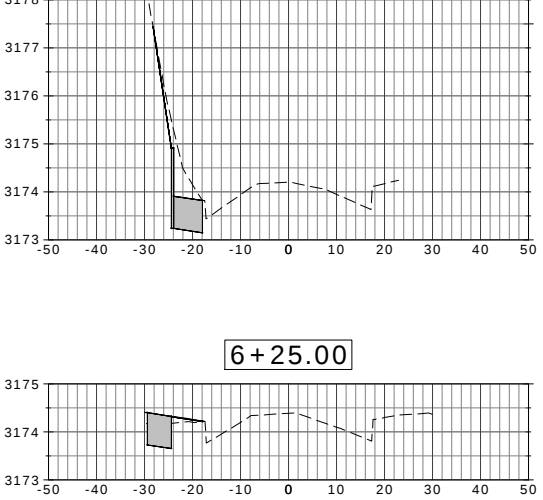
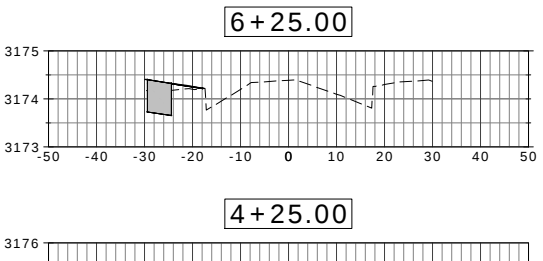
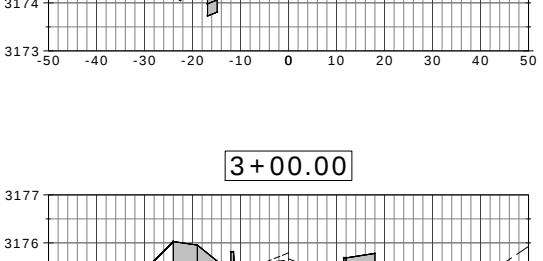
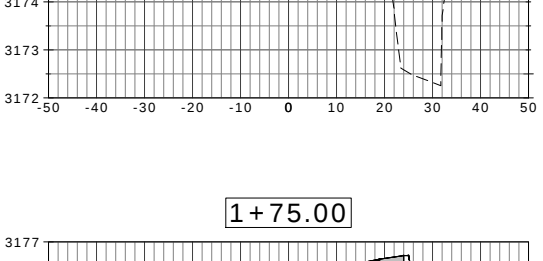
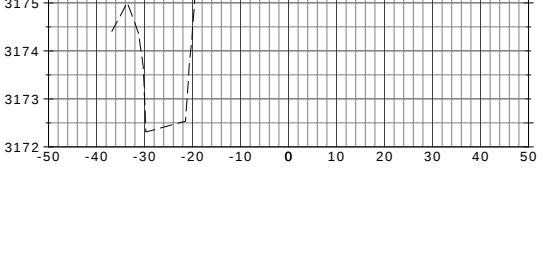
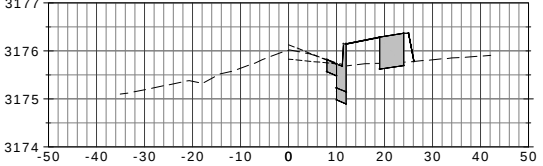
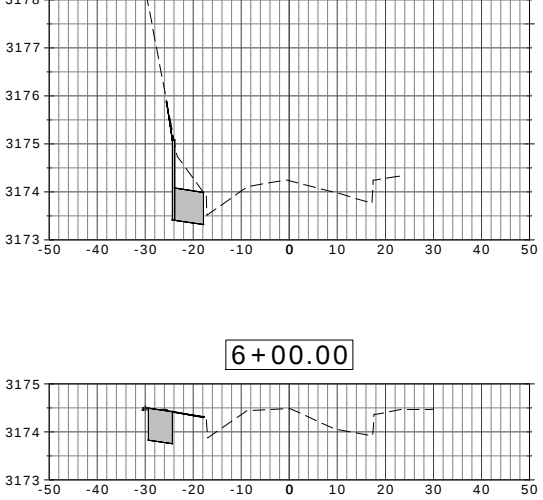
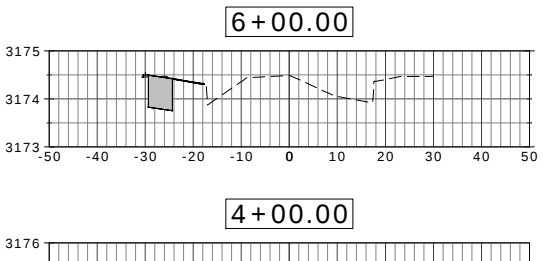
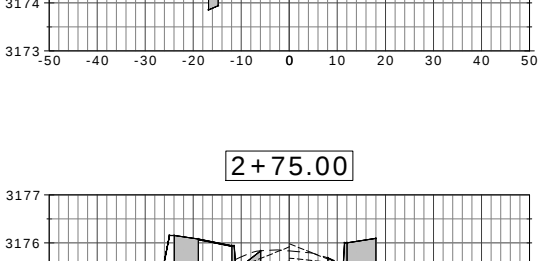
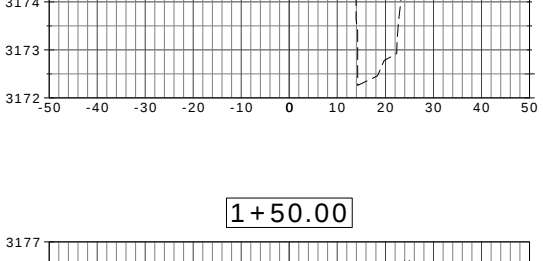
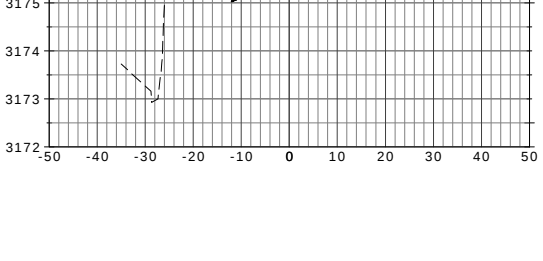
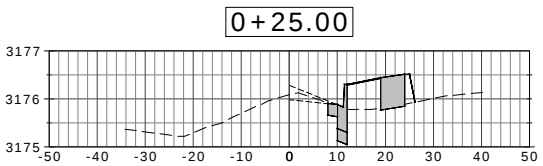
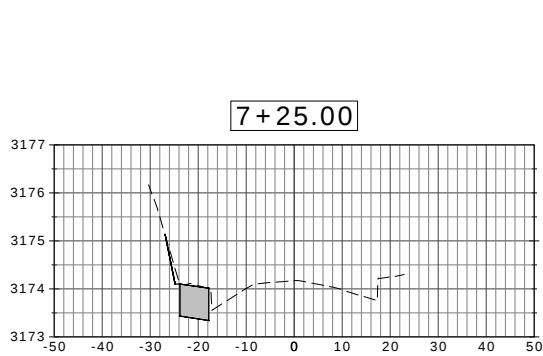
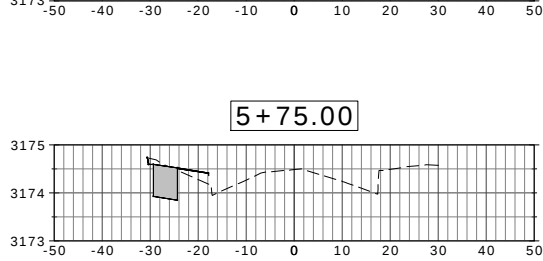
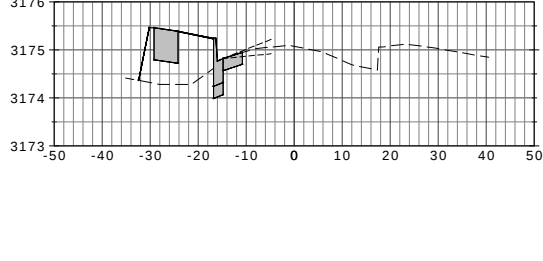
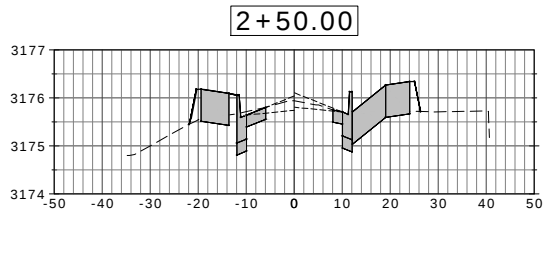
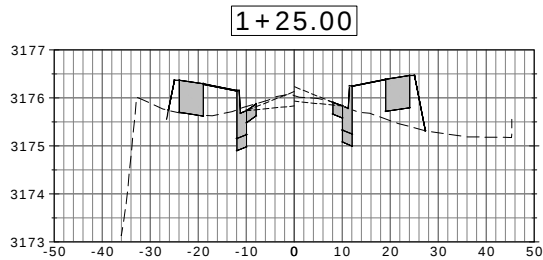
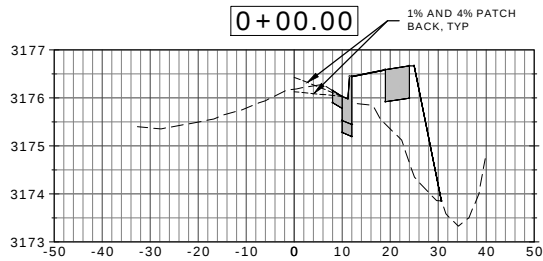
PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

SHEET TITLE:
CURB AND SIDEWALK PLANS - PHASE 2
PLAN & PROFILE SHEET

PROJECT NO.
21003629

SHEET:
11 OF 16





PROJECT NO.
21003629

PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

SHEET:
13 OF 16

SHEET TITLE:
CURB AND SIDEWALK PLANS - PHASE 2
CROSS SECTIONS

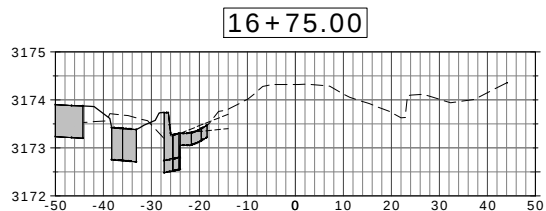
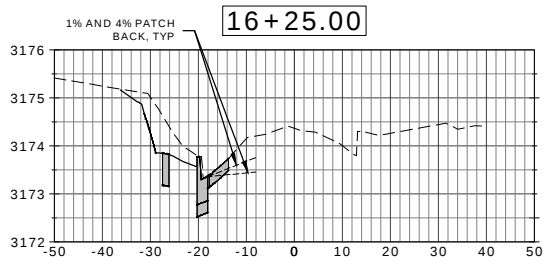
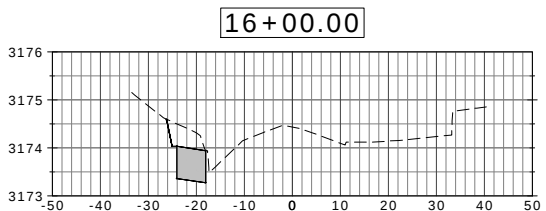
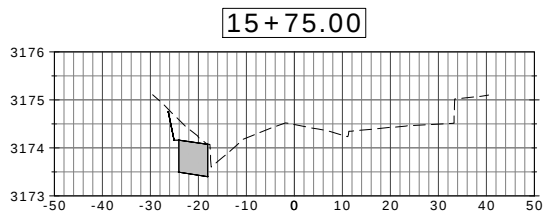
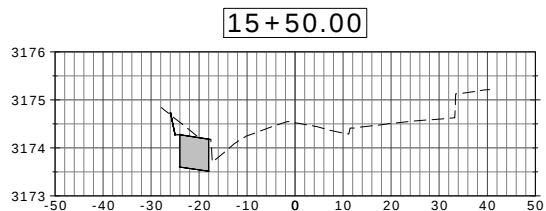
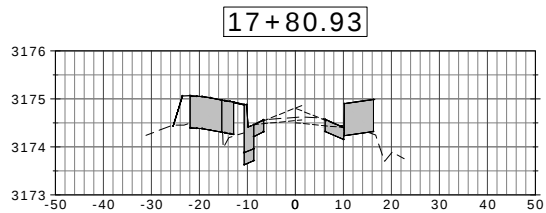
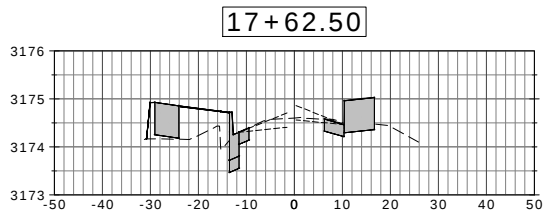
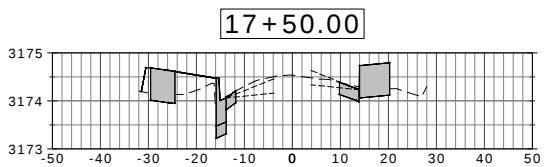
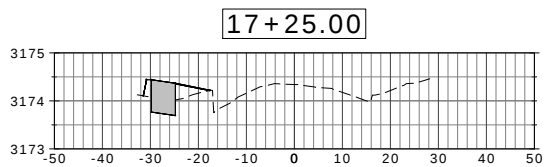
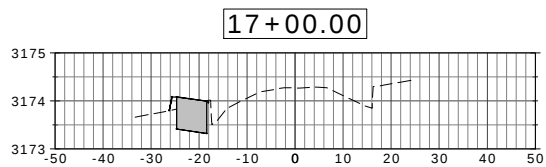
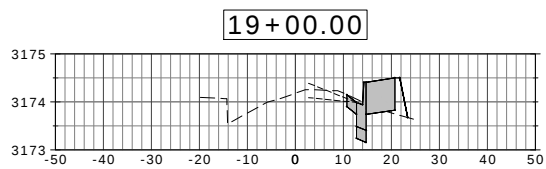
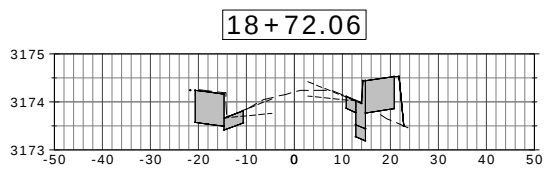
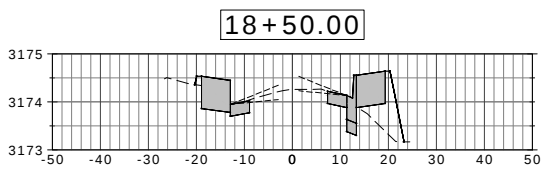
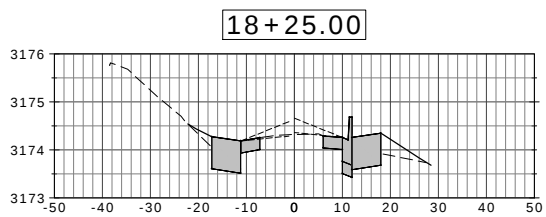
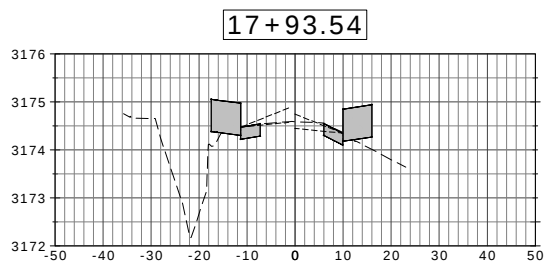
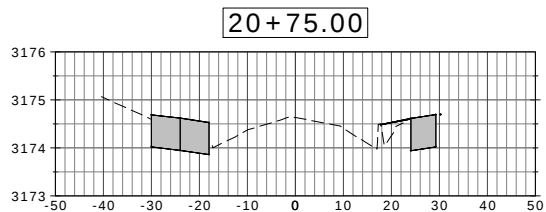
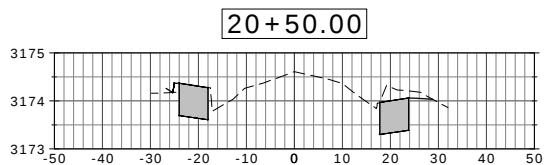
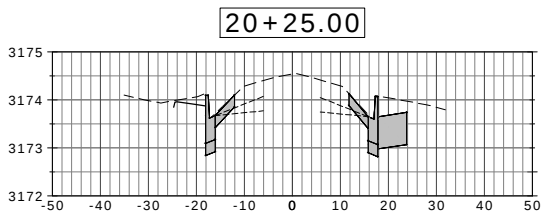
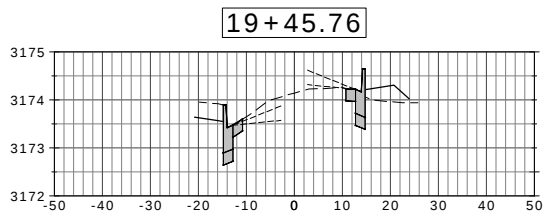
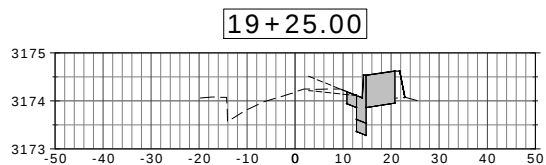
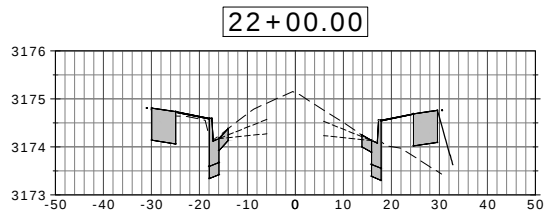
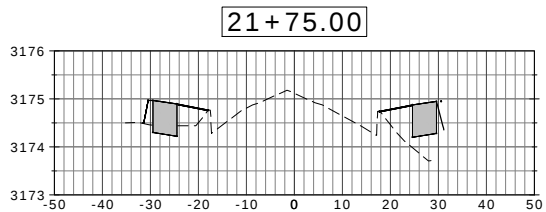
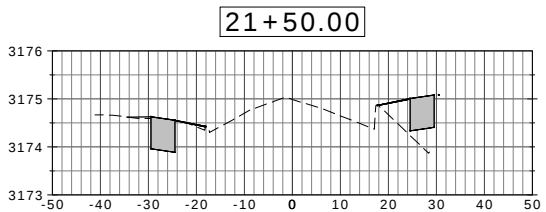
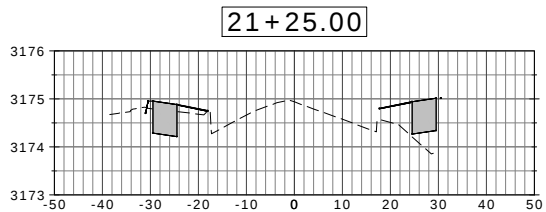
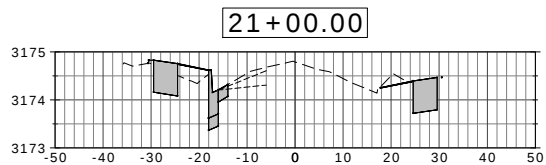
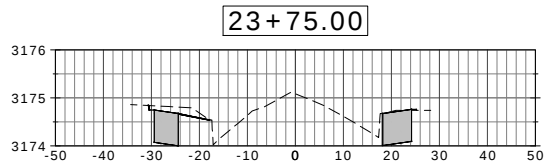
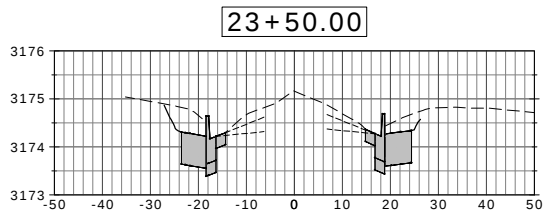
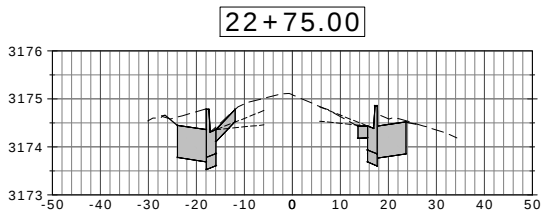
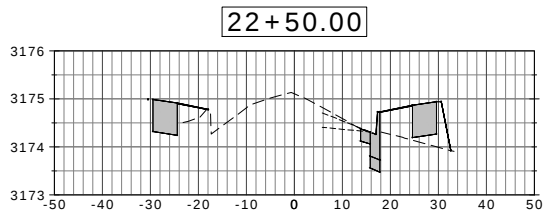
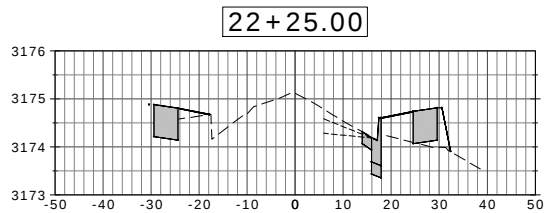
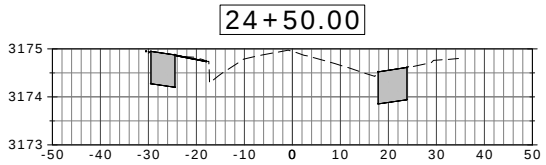
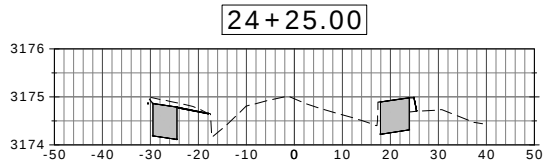
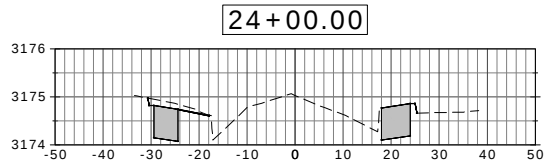
LOCATION:
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

DESIGNED: CD
DRAFTED: JW
CHECKED: CD
DATE: MAR, 2023

REVISIONS
CITY STAGE 3 COMMENTS
CITY COMMENTS
CITY COMMENTS

DATE
6/6/2023
11/19/2024
10/03/2025





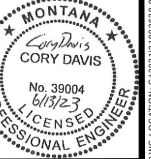
DATE	6/6/2023
CITY STAGE 3 COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025
CITY COMMENTS	

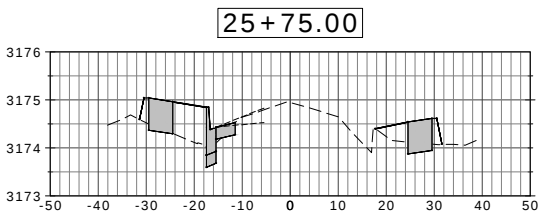
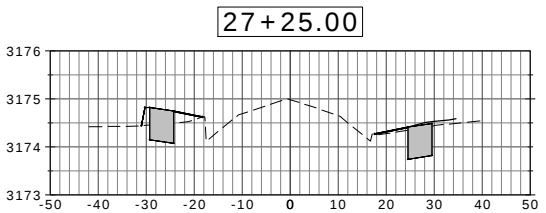
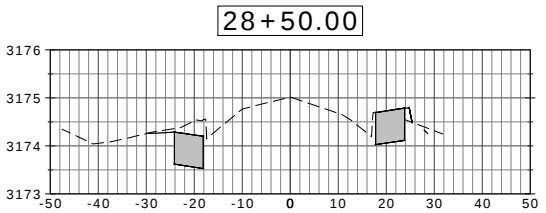
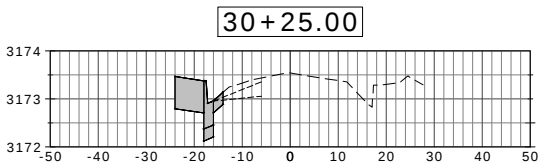
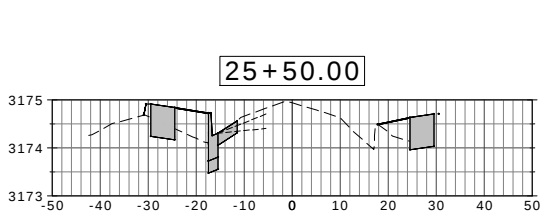
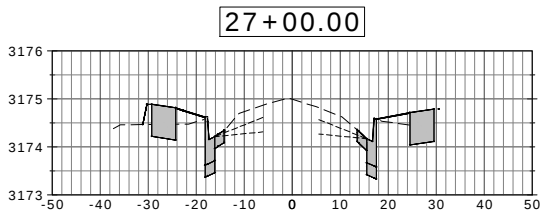
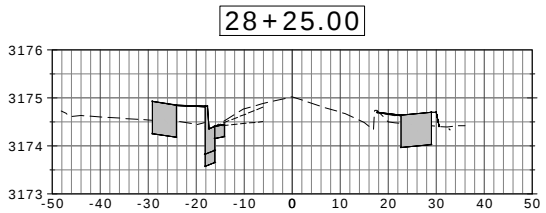
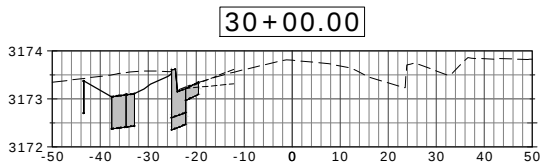
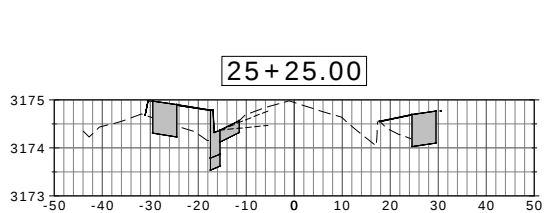
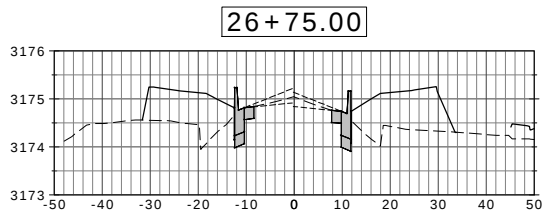
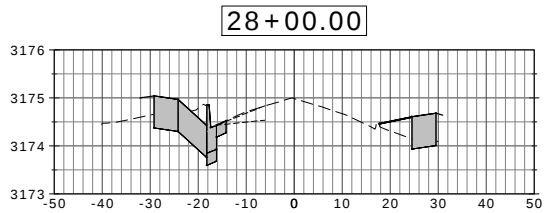
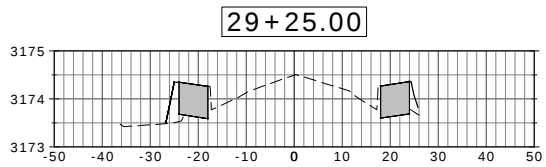
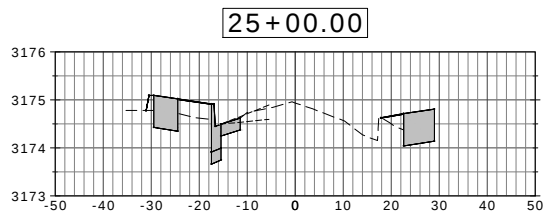
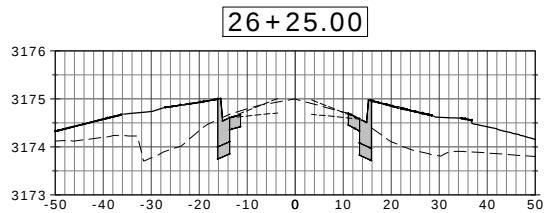
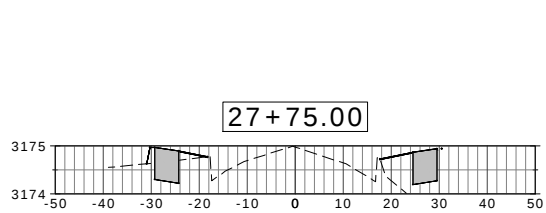
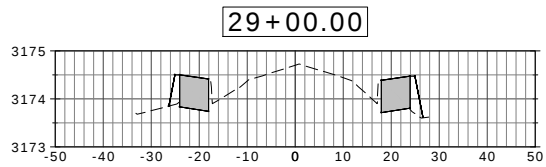
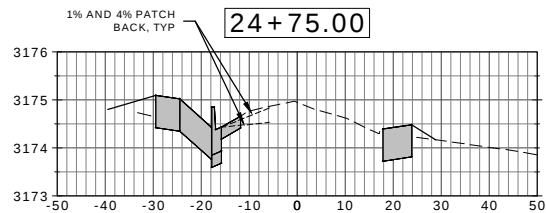
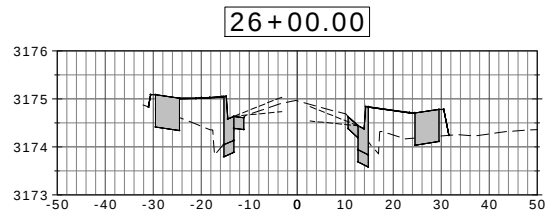
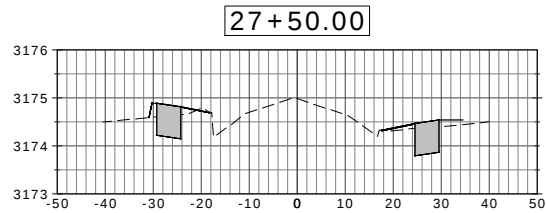
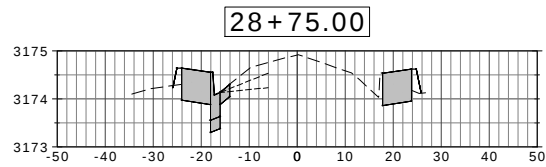
DESIGNED: CD
DRAFTED: JW
CHECKED:
DATE: MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
CROSS SECTIONS

PROJECT NO. 21003629
SHEET: 15 OF 16





REVISIONS	DATE
CITY STAGE 3 COMMENTS	6/6/2023
CITY COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025

DESIGNED: CD
DRAFTED: JW
CHECKED:
DATE: MAR, 2023

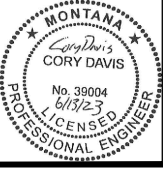
LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

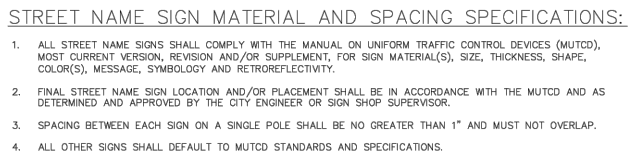
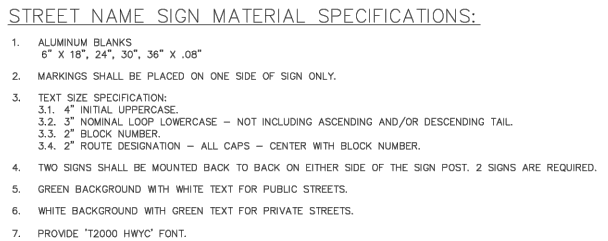
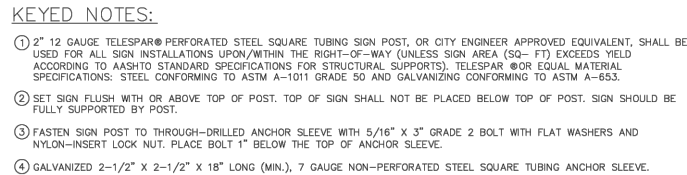
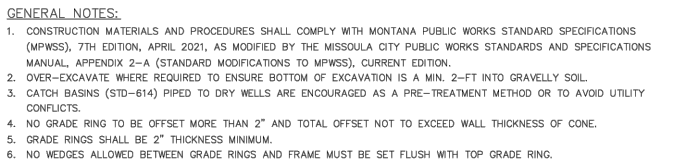
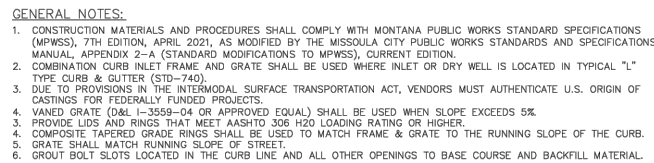
PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
CROSS SECTIONS

PROJECT NO. 21003629
SHEET: 16 OF 16



DATE: 03/02/2025 02:28:28 PM
DRAWING LOCATION: C:\Users\jcdavis\OneDrive\Documents\Drawings\21003629\21003629_PWD.DWG
PLOT DATE: 03/02/2025 3:33 PM



GENERAL NOTES:

1. FINAL SIGN LOCATION, MOUNTING, BREAKAWAY, AND HEIGHT INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) INCLUDING THE MOST CURRENT REVISIONS AND SUPPLEMENTS. THIS DRAWING IS A GUIDELINE AND DOES NOT ADDRESS ALL SITUATIONS.
2. "NO PARKING" SIGN ORIENTATION -- WITH ARROWS SHALL BE SET AT 30° TO 45° TO THE STREET IN THE DIRECTION OF TRAVEL. WITHOUT ARROWS SHALL BE SET AT 90° TO THE STREET.
3. INTERSECTIONS SHALL INCLUDE AT LEAST ONE STREET NAME SIGN AND THE SIGN IS TYPICALLY LOCATED AT ONLY ONE CORNER.

GENERAL NOTES:	MARKING DETAILS
1. ALL MATERIALS, SAMPLING, TESTING, AND APPLICATION PROCEDURES SHALL CONFORM WITH THE MOST CURRENT VERSION, REVISION, AND/OR SUPPLEMENT OF THE FOLLOWING: 1.1. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR DIMENSIONS (SIZE), PLACEMENT, COLOR, MESSAGE, SYMBOLOLOGY, AND RETROREFLECTIVITY. 1.2. MONTANA DEPARTMENT OF TRANSPORTATION - STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 620 - PAVEMENT MARKING APPLICATION. 1.3. MONTANA DEPARTMENT OF TRANSPORTATION - STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 714 - PAVEMENT MARKING MATERIALS. 1.4. MONTANA DEPARTMENT OF TRANSPORTATION - TRAFFIC ENGINEERING MANUAL, CHAPTER 19 - PAVEMENT MARKINGS. 1.5. MONTANA DEPARTMENT OF TRANSPORTATION - METHODS OF SAMPLING AND TESTING, CHAPTER 20 - PAVEMENT INSPECTION, SAMPLING, TESTING, AND ACCEPTANCE OF PAINT, EPOXY, AND THERMOPLASTIC PAVEMENT MARKING MATERIALS. 2. EPOXY PAVEMENT MARKING MATERIAL CAN INCLUDE, BUT SHALL NOT BE LIMITED TO: EPOXY PAINT, GLASS BEADS, HOT AND/OR COLD APPLIED THERMOPLASTIC TAPES, ETC., AS REQUIRED AND APPROVED BY THE CITY ENGINEER. 3. ALL MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND ALL FINAL STREET MARKINGS SHALL BE DETERMINED AND APPROVED BY THE CITY ENGINEER.	

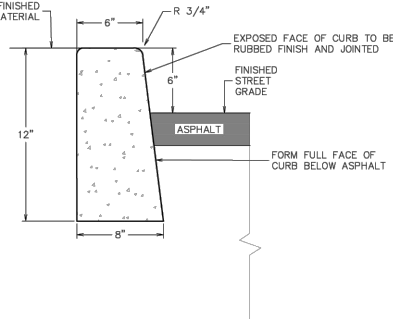
KEYED NOTES:

- ① IMPERVIOUS FILL MATERIAL (FOR CURB WITH BOULEVARD): SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02528
- ② BASE COURSE: SEE TABLE 7-3 IN MCPWSS AND CITY OF MISSOULA MODIFICATION TO MPWSS SECTIONS 02235 & 02528
- ③ SUBBASE COURSE: SEE TABLE 7-4 IN MCPWSS AND CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02234
- ④ SUBGRADE: SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02230 & 02528
- ⑤ GUTTER PANS SHALL BE 8 INCHES MINIMUM THICKNESS FROM PC TO PT AT COLLECTOR AND ARTERIAL INTERSECTIONS, ROUNDABOUTS AND SPLITTER ISLANDS, THROUGH COMMERCIAL AND INDUSTRIAL APPROACHES, OR TRUCK TRAFFIC IS ASSUMED

GENERAL NOTES:

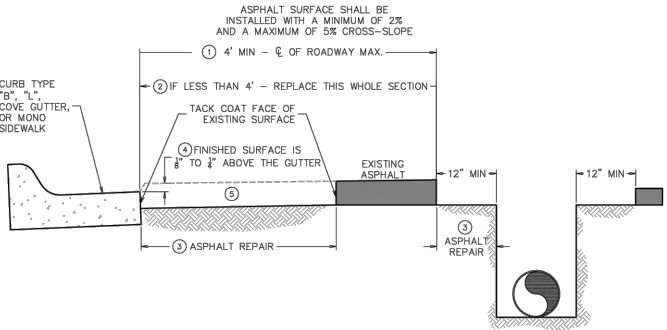
1. CONSTRUCTION METHODS AND PROCEDURES SHALL COMPLY WITH MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS (MPWSS), 7TH EDITION, APRIL 2021, AS MODIFIED BY THE MISSOULA CITY PUBLIC WORKS STANDARDS AND SPECIFICATIONS MANUAL, APPENDIX 2-A (STANDARD MODIFICATIONS TO MPWSS), CURRENT EDITION.
2. POUR ENTIRE CURB OPENING SECTION AS MONOLITHIC SLAB
3. PROVIDE FLOW CHANNEL FOR ALL OPENINGS ON GRADE
4. SEE STANDARD DRAWING STD-740 "TYPICAL 'L' CURB/CURB/GUTTER" FOR CURB/GUTTER SPECIFICATIONS

 Engineering Division	Curb Opening		
	 Approved By Utility Engineer Andy Schultz, PE	Revised: 01/01/2023	STD - 607



GENERAL NOTES:

- SEE CITY OF MISSOULA STD-740 FOR BASE, SUB BASE, SUB GRADE, FILL MATERIAL, AND EIGHT (8") INCH THICKNESS REQUIREMENTS.
- "B" TYPE CURB IS SUITABLE FOR SMALL REPLACEMENT SECTIONS WITH "B" CURB ON EITHER END OF THE REPLACEMENT SECTION OR USED FOR LANDSCAPE RETAINING CURB.

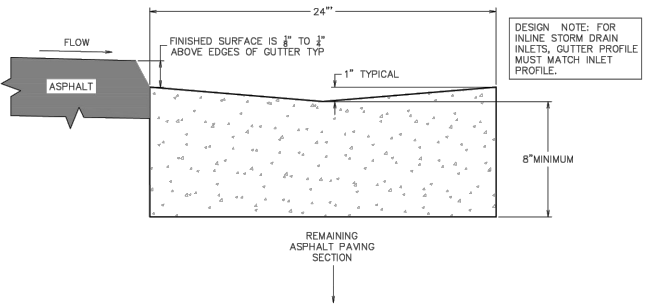


KEYED NOTES:

- ASPHALT SHALL BE CUT & REMOVED TO AN EXTENT WHERE THE ASPHALT PATCH IS A MINIMUM OF FOUR (4') FEET FROM THE FACE OF THE GUTTER PAN AND MAY REQUIRE ADDITIONAL WIDTH (UP TO CENTERLINE), AS REQUIRED BY THE CITY ENGINEER. THE 4' MINIMUM ASPHALT REPLACEMENT IS REQUIRED TO ENSURE ADEQUATE COMPACTION IS ACHIEVED.
- IF THE ASPHALT CUT LINE FOR A TRENCH PATCH IS LESS THAN FOUR (4') FEET FROM THE FACE OF EXISTING GUTTER PAN, EDGE OF EXISTING ASPHALT, OR A SEAM, REMOVE AND REPLACE THE ENTIRE ASPHALT SECTION BETWEEN THE TRENCH CUT LINE AND EDGE OF THE FACE OF THE GUTTER PAN, ASPHALT, OR SEAM.
- FOR ASPHALT REPAIR SECTION SEE CITY OF MISSOULA MODIFICATIONS TO MPWSS SECTION 02230
- FINISHED ASPHALT SURFACE SHALL BE 1/8" TO 1/4" ABOVE GUTTER LIP
- ASPHALT SURFACE: FOR THICKNESS SEE TABLE 7-2 IN MCPWSS

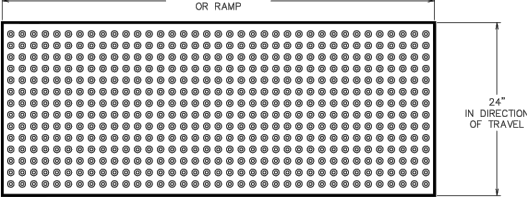
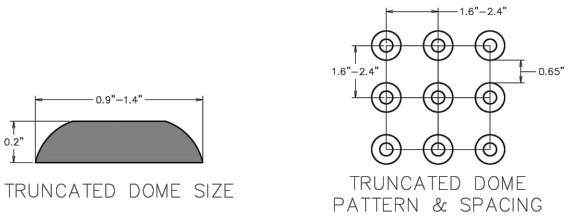
GENERAL NOTES:

- ASPHALT SURFACE SHALL BE SQUARE CUT (PARALLEL AND/OR PERPENDICULAR TO CURB OR EDGE OF ASPHALT)
- ALL ASPHALT PATCH JOINTS SHALL BE SEALED IN ACCORDANCE WITH CITY OF MISSOULA STANDARD MODIFICATIONS TO MPWSS SECTION 02510.
- FOR SHORT SPANS OF CURB REPLACEMENT, EXISTING ASPHALT EDGE MAY BE USED AS A FRONT FORM IF EXISTING ASPHALT IS SOUND AND SQUARE FACED, AND ONLY UPON PRIOR APPROVAL OF THE CITY ENGINEER.



GENERAL NOTES:

- SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529 AND MCPWSS CHAPTER 7 FOR ADDITIONAL REQUIREMENTS.



DETECTABLE WARNING PANEL

NOTES:

- DETECTABLE WARNING SURFACE SHALL FULLY COMPLY WITH PROWAG REQUIREMENTS AND SPECIFICATIONS
- DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE CROSSING OR RAMP
- SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529 FOR MATERIAL REQUIREMENTS
- DETECTABLE WARNING SURFACE SHALL BE PLACED TWO (2") INCHES FROM BACK EDGE OF CURB (RADIAL DOMES MAY BE REQUIRED)

Engineering Division

Typical "B" Type Curb Section

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 04/09/1973
Revised: 01/01/2023

STD - 743

Engineering Division

Asphalt Cutting, Removal and Replacement

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 02/06/1986
Revised: 01/01/2024

STD - 744

Engineering Division

Typical Valley Gutter Section

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 08/01/1986
Revised: 01/01/2023

STD - 745

Engineering Division

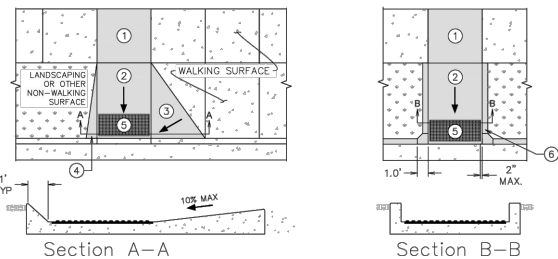
Detectable Warning Surface

Approved By
City Engineer
Kevin J. Slovorp

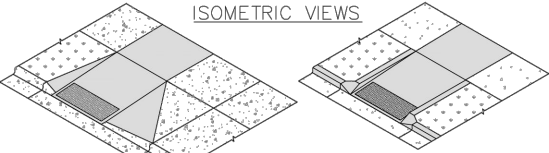
Adopted: 03/12/2004
Revised: 01/01/2023

STD - 750

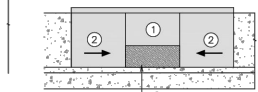
PERPENDICULAR CURB RAMP ALTERNATE CONFIGURATION



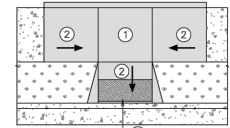
ISOMETRIC VIEWS



PARALLEL CURB RAMP



COMBINED PARALLEL/PERPENDICULAR CURB RAMP



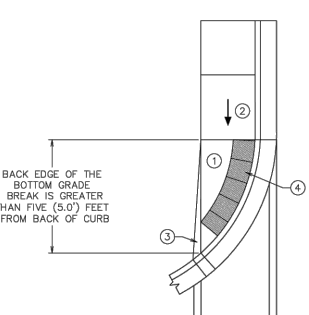
KEYED NOTES:

- LANDING.
- RAMP.
- RAMP FLARE.
- 1' FLARED TRANSITION.
- DETECTABLE WARNING SURFACE.
- LANDSCAPE CURB.

GENERAL NOTES:

- SEE MCPWSS FOR CURB RAMP TECHNICAL REQUIREMENTS.

DETECTABLE WARNING SURFACE PLACEMENT

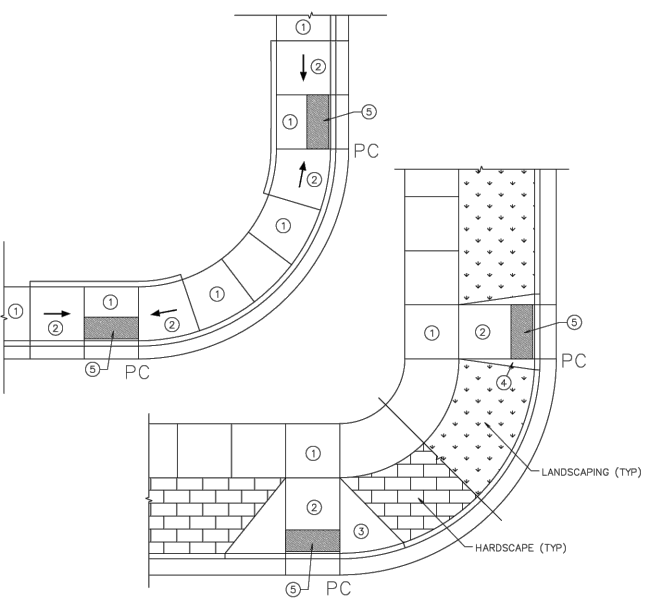


KEYED NOTES:

- LANDING.
- RAMP.
- 1' FLARED TRANSITION.
- DETECTABLE WARNING SURFACE.

GENERAL NOTES:

- SEE MCPWSS FOR CURB RAMP TECHNICAL REQUIREMENTS.

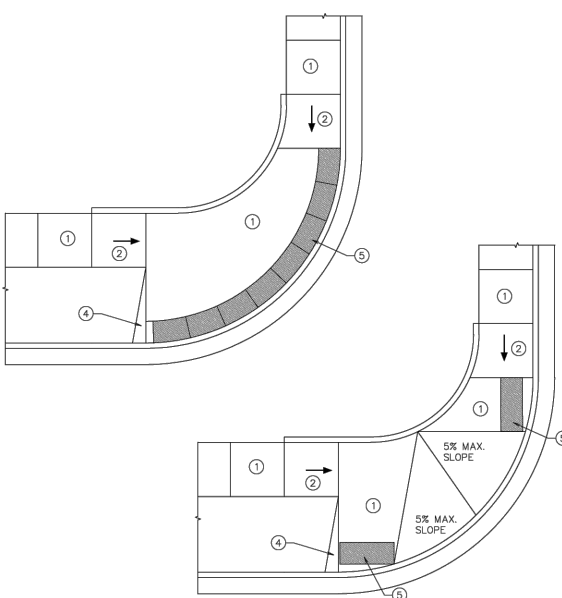


KEYED NOTES:

- LANDING.
- RAMP.
- FLARED SIDE.
- 1' FLARED TRANSITION.
- DETECTABLE WARNING SURFACE.

GENERAL NOTES:

- SEE MCPWSS FOR CURB RAMP TECHNICAL REQUIREMENTS.



KEYED NOTES:

- LANDING.
- RAMP.
- FLARED SIDE.
- 1' FLARED TRANSITION.
- DETECTABLE WARNING SURFACE.

GENERAL NOTES:

- SEE MCPWSS FOR CURB RAMP TECHNICAL REQUIREMENTS.

Engineering Division

Curb Ramp Details (Sheet 1 of 4)

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 01/30/1980
Revised: 01/01/2023

STD - 751-1

Engineering Division

Curb Ramp Details (Sheet 2 of 4)

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 01/30/1980
Revised: 01/01/2023

STD - 751-2

Engineering Division

Curb Ramp Details (Sheet 3 of 4)

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 01/30/1980
Revised: 01/01/2023

STD - 751-3

Engineering Division

Curb Ramp Details (Sheet 4 of 4)

Approved By
City Engineer
Kevin J. Slovorp

Adopted: 01/30/1980
Revised: 01/01/2023

STD - 751-4

1817 SOUTH AVE. W. STE. A
MISSOULA, MT 59801

DATE: 6/6/2023
CITY COMMENTS: 11/19/2024
CITY COMMENTS: 10/03/2025

DESIGNED: CD
DRAFTED: JW
CHECKED: MAR, 2023

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

PROJECT NO: 21003629

SHEET: D2 OF D9

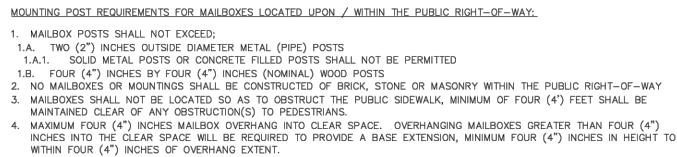
PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

CURB AND SIDEWALK PLANS - PHASE 2
DETAIL SHEET

PROFESSIONAL ENGINEER
No. 39004
6/13/23
CORY DAVIS



- ① SEE MPWSS CH. 7 FOR SIDEWALK WIDTH & THICKNESS REQUIREMENTS
- ② BASE COURSE. SEE CITY OF MISSOULA MODIFICATIONS TO MPWSS SECTIONS 02235 AND 02529
- ③ SUBGRADE. SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02230
- ④ SHOULDER. SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529
- ⑤ CONTRACTION JOINTS. SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529
- ⑥ EXPANSION JOINTS. SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529
- ⑦ ISOLATION JOINTS. FOR USE AROUND OBJECTS WITHIN OR PROTRUDING FROM SIDEWALK (E.G. AROUND MAN-HOLES LIDS, VALVE BOXES, UTILITY POLES, HYDRANTS, POTS, BASES, ETC.)
- ⑧ SLEEVE. TYP 4" SCH 40 PVC. MUST BE BELOW BASE AND IN SUBGRADE. EXTEND 6" BEYOND EDGE OF SIDEWALK. STAMP "S" IN THE FINISH SURFACE DIRECTLY ABOVE THE SLEEVE AT BOTH EDGES OF SIDEWALK.



1. FOR REQUIREMENTS RELATED TO APPROACH WIDTH, THICKNESS, AND JOINTING, SEE MCPWSS CH. 7
2. FOR BASE, SUBBASE, AND SUBGRADE COURSE REQUIREMENTS SEE MCPWSS CH. 7 AND CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529
3. FOR CURB CUT REQUIREMENTS SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02528
4. APRON AND SIDEWALK MUST BE POURED SEPARATELY
5. SEE STANDARD DRAWING SD-772 FOR ALTERNATIVE (CURBSIDE) SIDEWALK/DRIVEWAY ADA REQUIREMENTS THROUGH DRIVEWAY
6. FOR EXISTING BOULEVARD RETROFIT, NEW SIDEWALK REPLACEMENT SECTION SHALL EXTEND TO NEAREST FULL SIDEWALK PANELS.



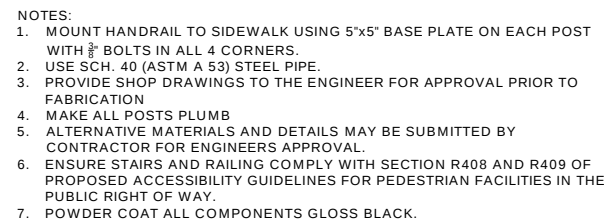
ALTERNATE CROSS-SECTION

GENERAL NOTES:

1. FOR REQUIREMENTS RELATED TO APPROACH WIDTH, THICKNESS, AND JOINTING, SEE MCPWSS CH. 7
2. FOR BASE, SUBBASE, AND SUBGRADE COURSE REQUIREMENTS SEE MCPWSS CH. 7 AND CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02529
3. FOR CURB CUT REQUIREMENTS SEE CITY OF MISSOULA MODIFICATION TO MPWSS SECTION 02528
4. APPROACH AND ADJACENT SIDEWALK MUST BE POURED SEPARATELY
5. SEE STANDARD DRAWING STD-771 FOR ALTERNATIVE (BOULEVARD) SIDEWALK/DRIVEWAY ADA REQUIREMENTS THROUGH DRIVEWAY
6. FOR EXISTING SIDEWALK RETROFIT, NEW SIDEWALK REPLACEMENT SECTION SHALL EXTEND TO NEAREST FULL SIDEWALK PANEL AND MUST BE MINIMUM 6 FEET IN LENGTH

ALTERNATE CROSS-SECTION NOTES:

1. USE MUST BE APPROVED BY CITY ENGINEER PRIOR TO CONSTRUCTION.



D HANDRAIL DETAIL

NOT TO SCALE

DESIGNED: CD
DRAFTED: JW
CHECKED: _____
DATE: MAR, 2023

LOCATION:
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.

MISSOULA, MONTANA

Downloaded from <http://ajphaphysocpharm.sagepub.com/> at 11:01 11 November 2014

PREPARED FOR:

• 3000

CITY OF MISSOURI

PUBLIC WORKS

PUBLIC WORKS

PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

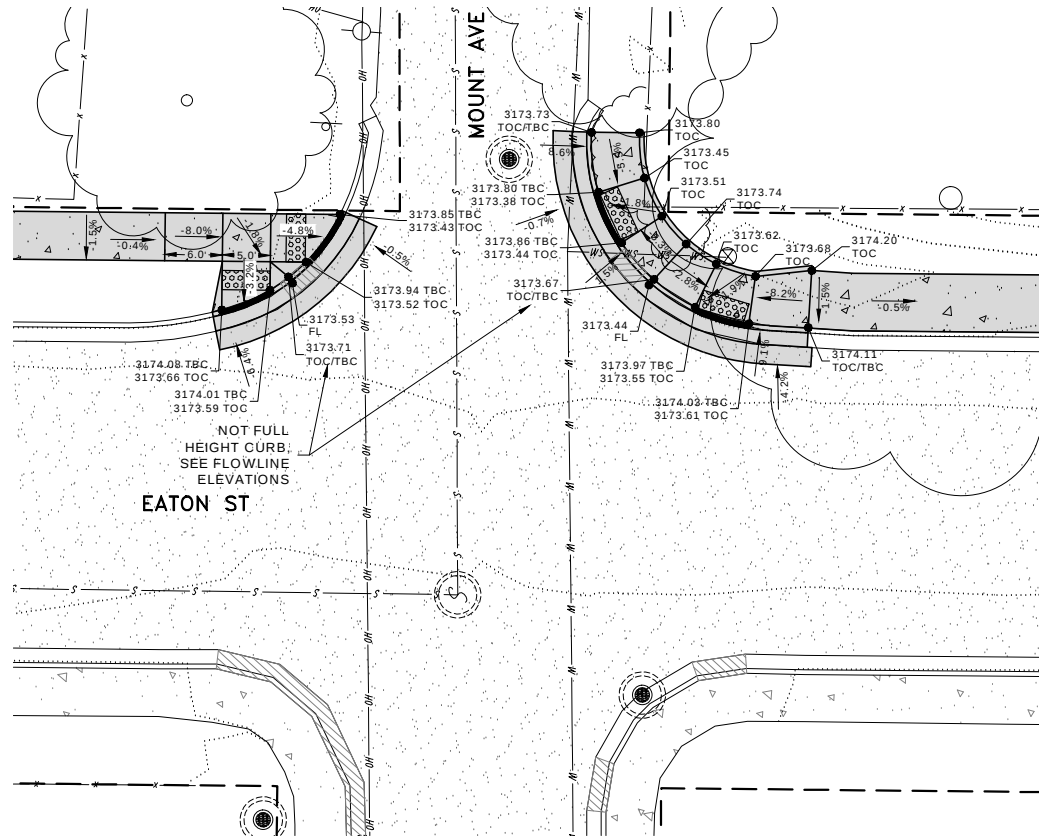
ET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
DETAIL SHEET

PROJECT NO.
21003629

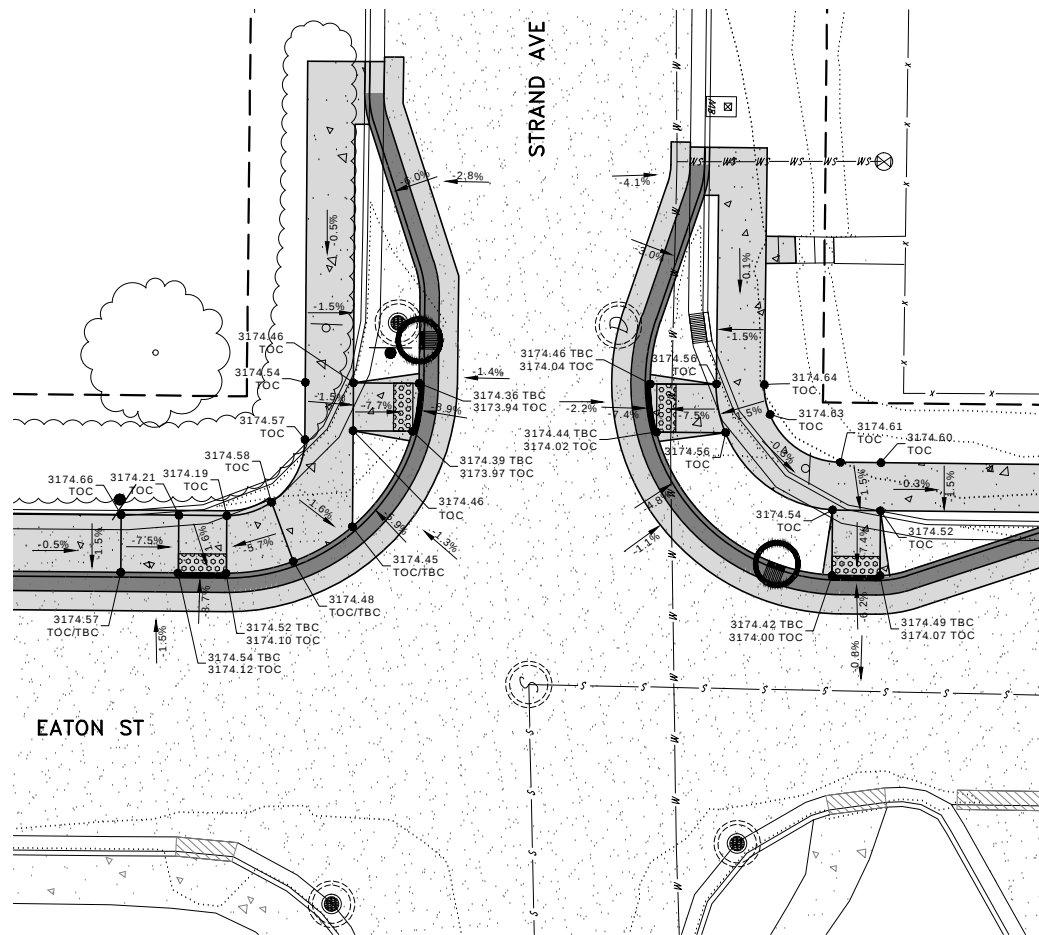
HEET:
D3 OF D9



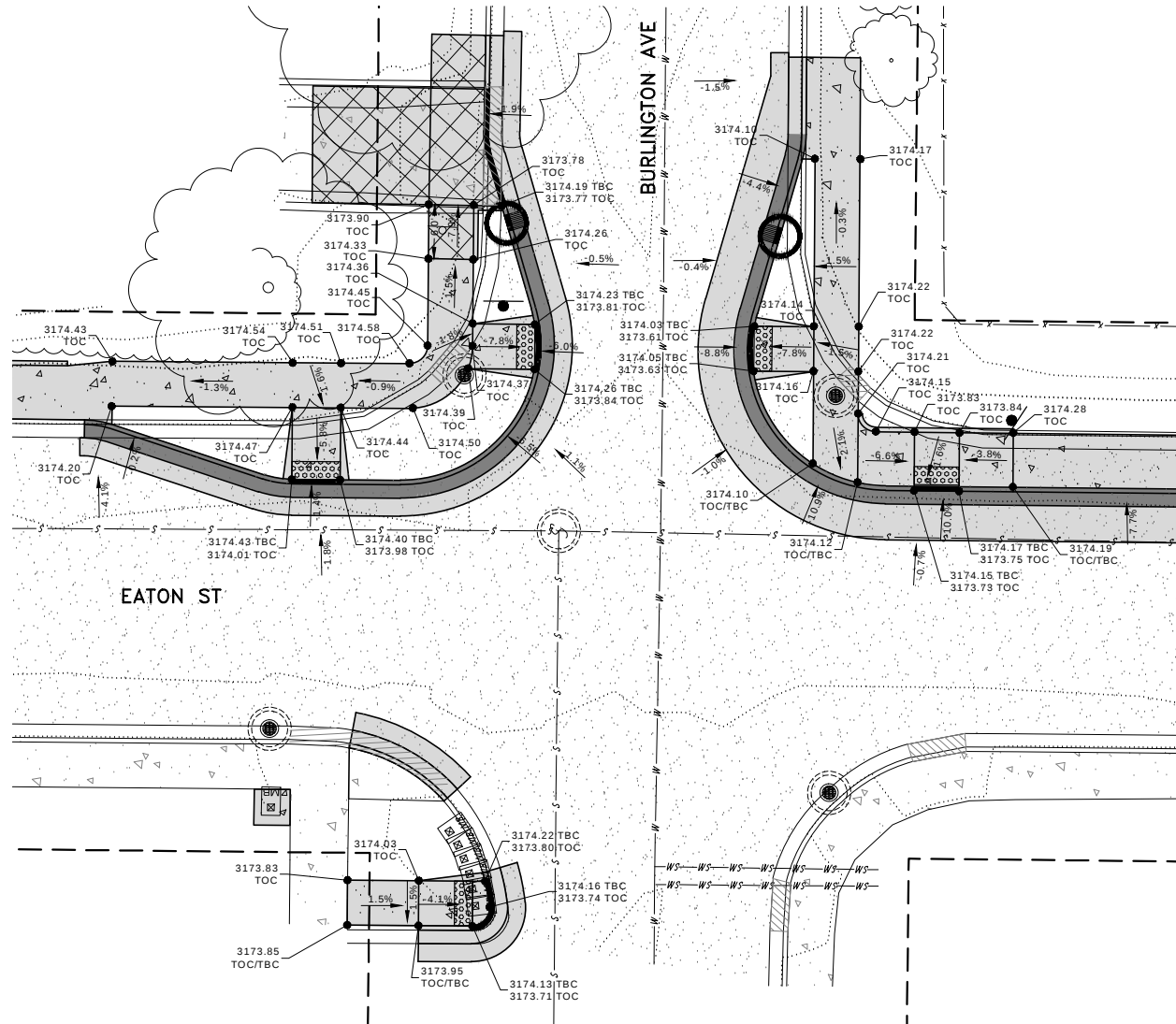
WGC LOCATION : G-1202 1/2 100 7626 000 DESIGN NAME : DRAWING SAULTOCA DRI AN SETS BOARD C9802 1007626 (B#2) DWG



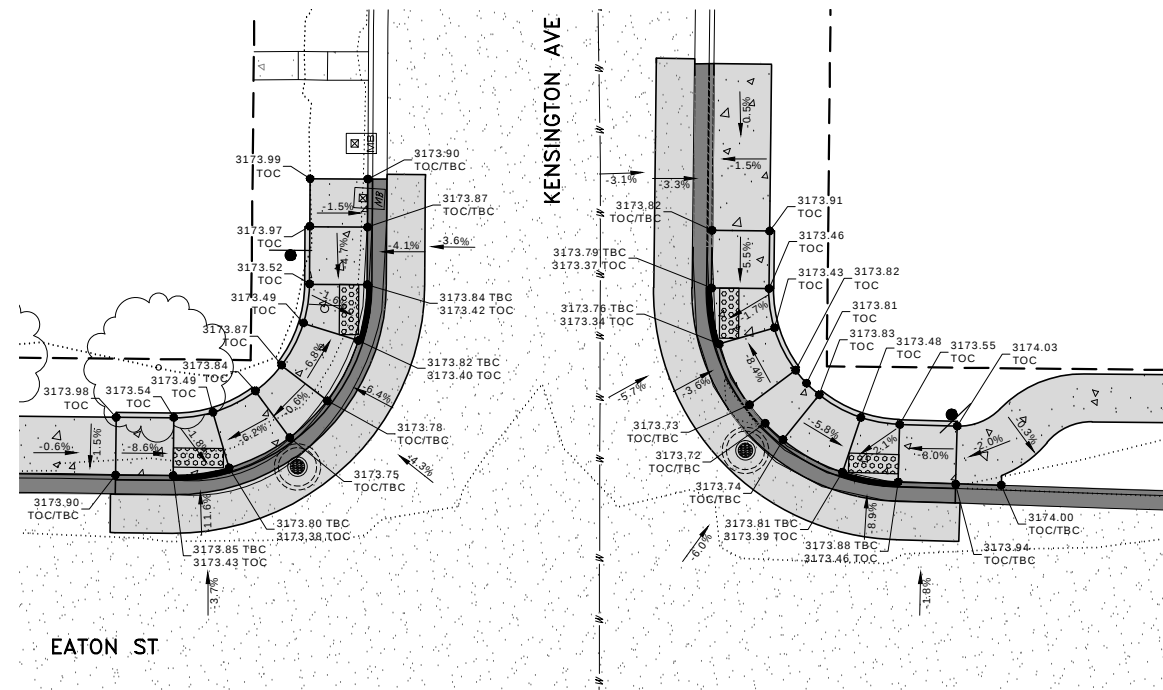
A INTERSECTION DETAIL
NOT TO SCALE



C INTERSECTION DETAIL
NOT TO SCALE



B INTERSECTION DETAIL
NOT TO SCALE



D INTERSECTION DETAIL
NOT TO SCALE

NOTE:
GRADES IN ADA LANDINGS REPRESENT
MAXIMUM SLOPE IN ANY DIRECTION

IMEG

1817 SOUTH AVE. W. STE. A
MISSOULA, MT 59801
PH: 406.721.0142
FAX: 406.721.5224
www.imegcorp.com

DATE
6/6/2023

REVISIONS
CITY STAGE 3 COMMENTS
11/19/2024

DESIGNED: *CD*

DRAFTED: *JW*

CHECKED:

DATE: *MAR, 2023*

LOCATION:
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR:
CITY OF MISSOULA
PUBLIC WORKS

PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

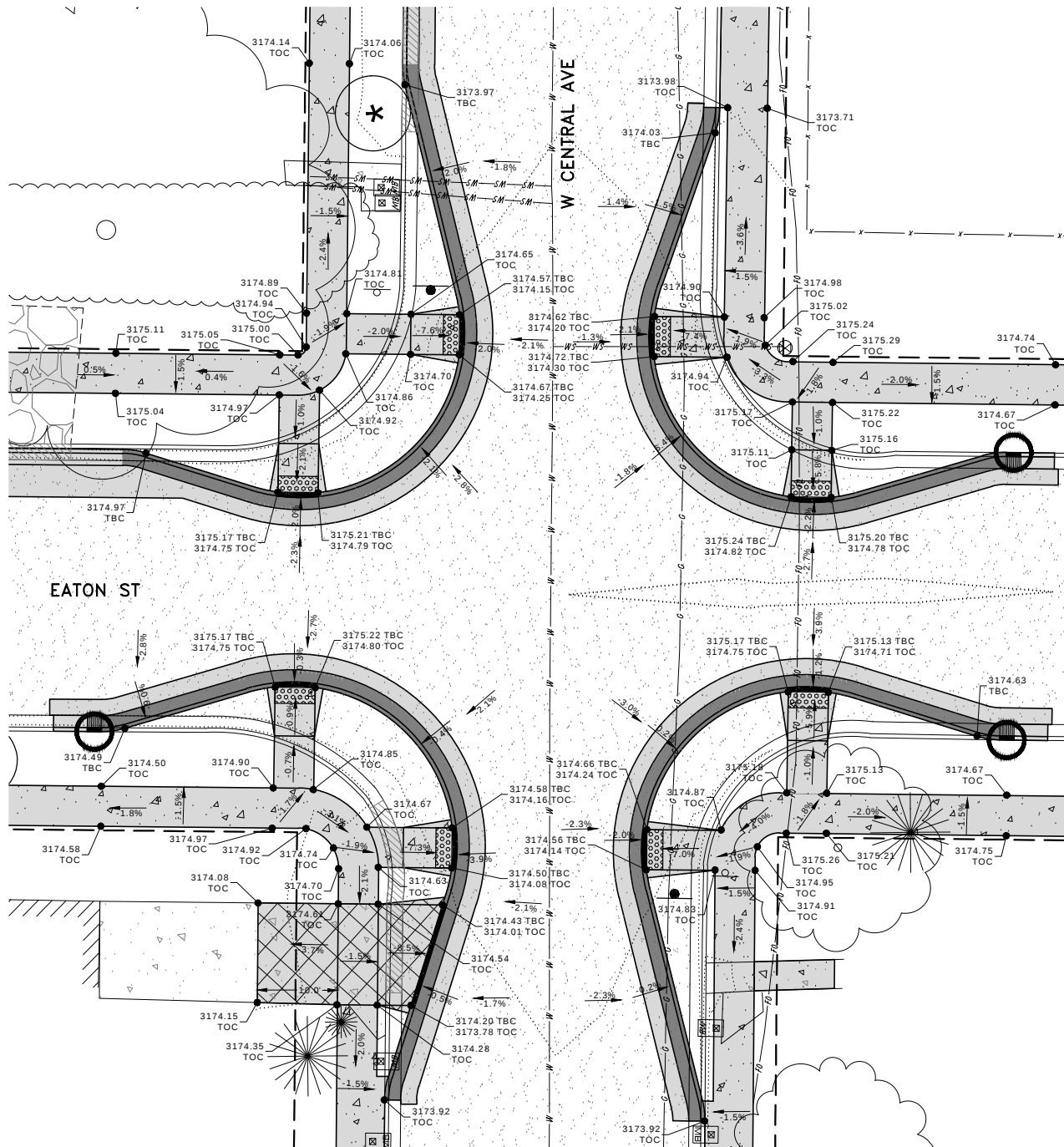
PROJECT NO.
21003629

SHEET TITLE
CURB AND SIDEWALK PLANS - PHASE 2
DETAIL SHEET

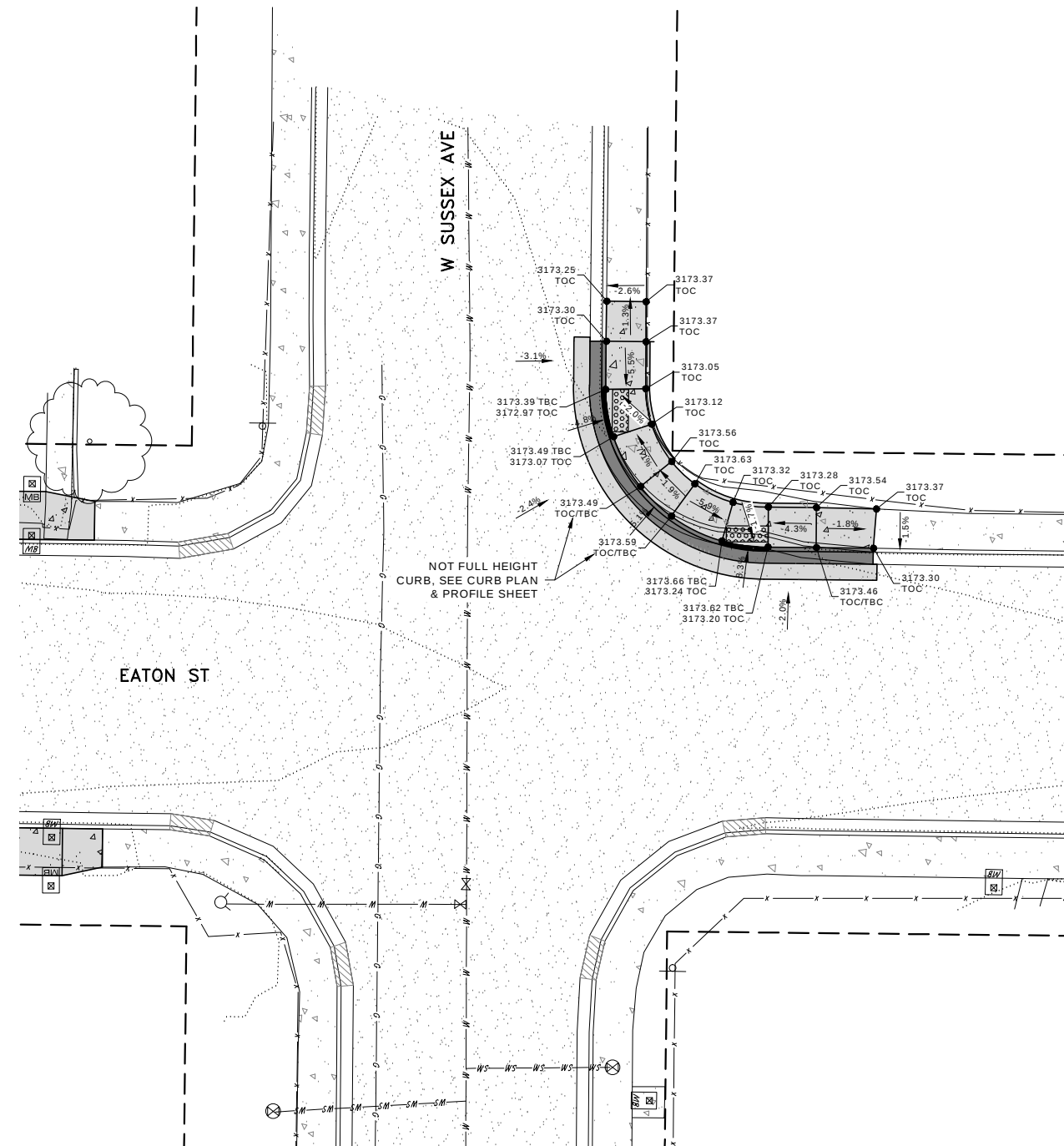
SHEET:
D4 OF D9

MONTANA
Cory Davis
No. 39004
6/1/22
LICENSED
PROFESSIONAL ENGINEER

OWNER LOCATION: 43.002323, -116.282828, WINDSEASONAL, DRAFTING, DRAWINGS/BAUT/CO/AR/PLANS SET/ROAD/URB, 21003629, 6/1/22, 3/1/23



A INTERSECTION DETAIL
NOT TO SCALE

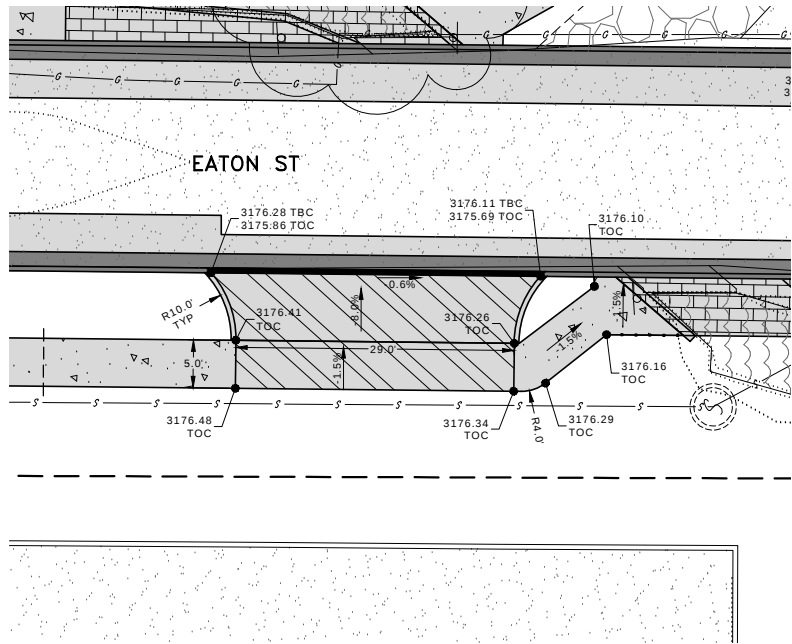


B INTERSECTION DETAIL
NOT TO SCALE

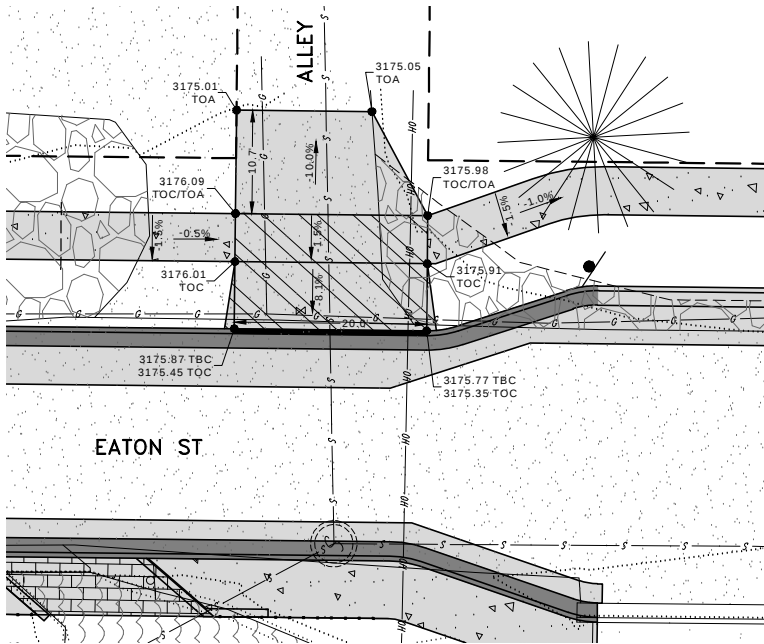
NOTE:
GRADES IN ADA LANDINGS REPRESENT
MAXIMUM SLOPE IN ANY DIRECTION

 1817 SOUTH AVE. W. STE. A MISSOULA, MT 59801 PH: 406.721.0142 FAX: 406.721.5524 www.imegcorp.com	
DATE: 6/6/2023 CITY COMMENTS: 11/19/2024 CITY COMMENTS: 10/03/2025	
DESIGNED: CD DRAFTED: JW CHECKED: MAR, 2023	
LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE. SEC. 29, T.13N., R.19W., P.M.M. MISSOULA, MONTANA	PREPARED FOR: CITY OF MISSOULA PUBLIC WORKS
PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT 13TH STREET TO SUSSEX AVENUE	SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2 DETAIL SHEET
PROJECT NO: 21003629	SHEET: D6 OF D9
	

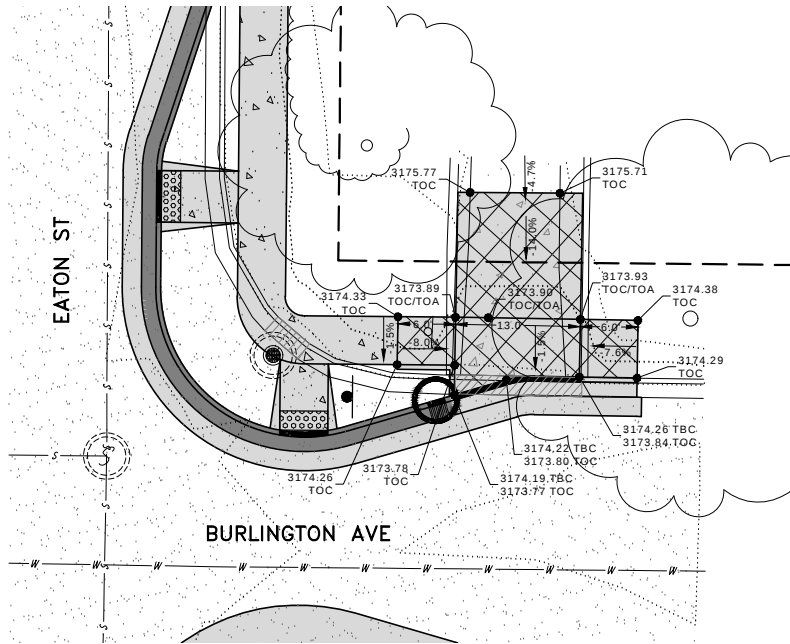
DATE LOCATION: G:\2023\21003629\DRAWINGS\AUTOCAD\PLANS SET\ROAD\RD_21003629_06.dwg



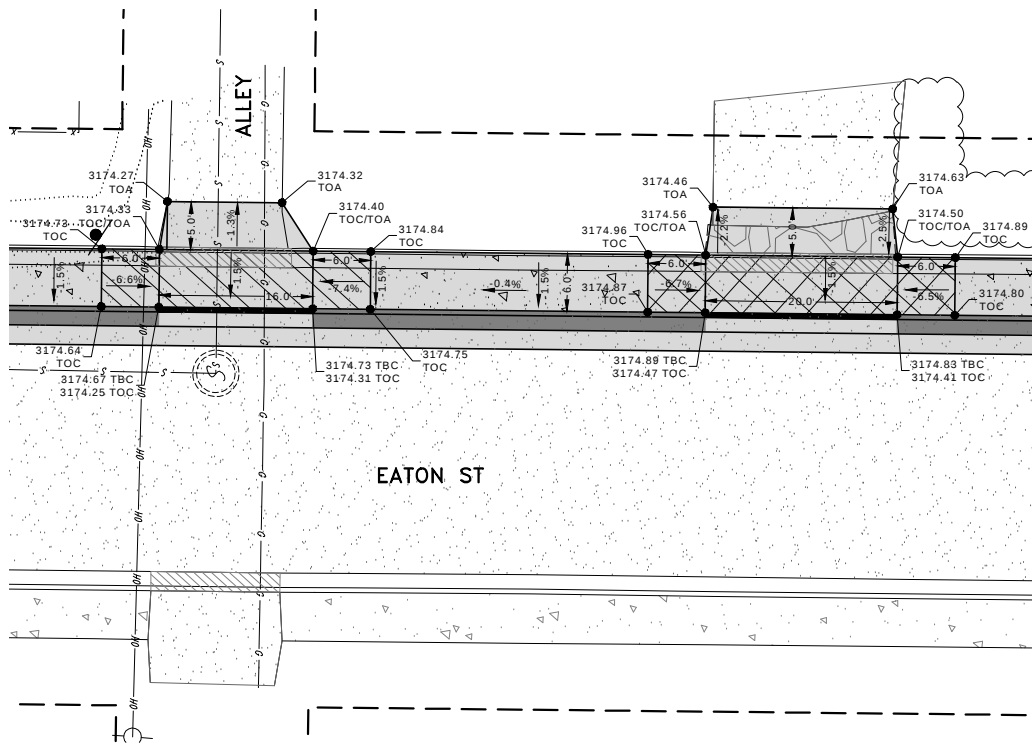
A APPROACH DETAIL NOT TO SCALE



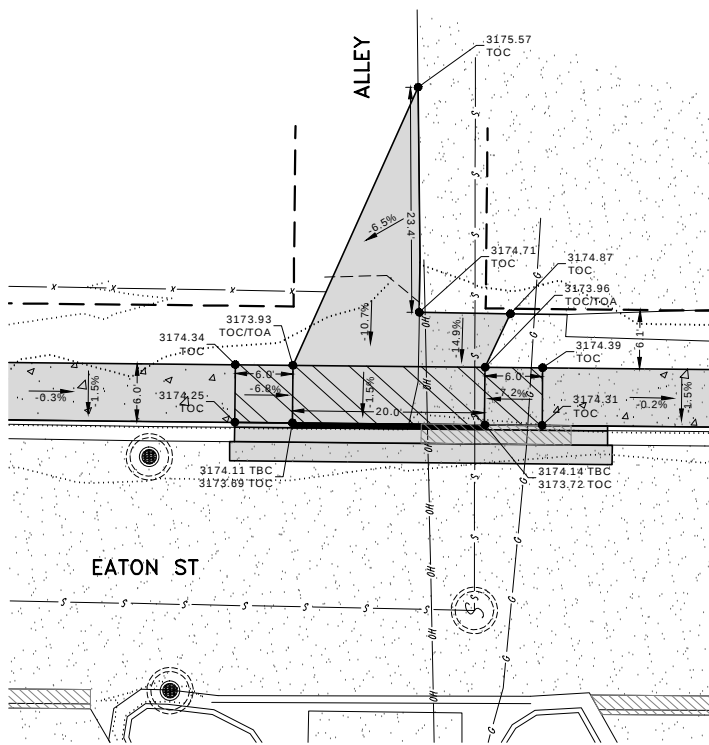
B ALLEY DETAIL NOT TO SCALE



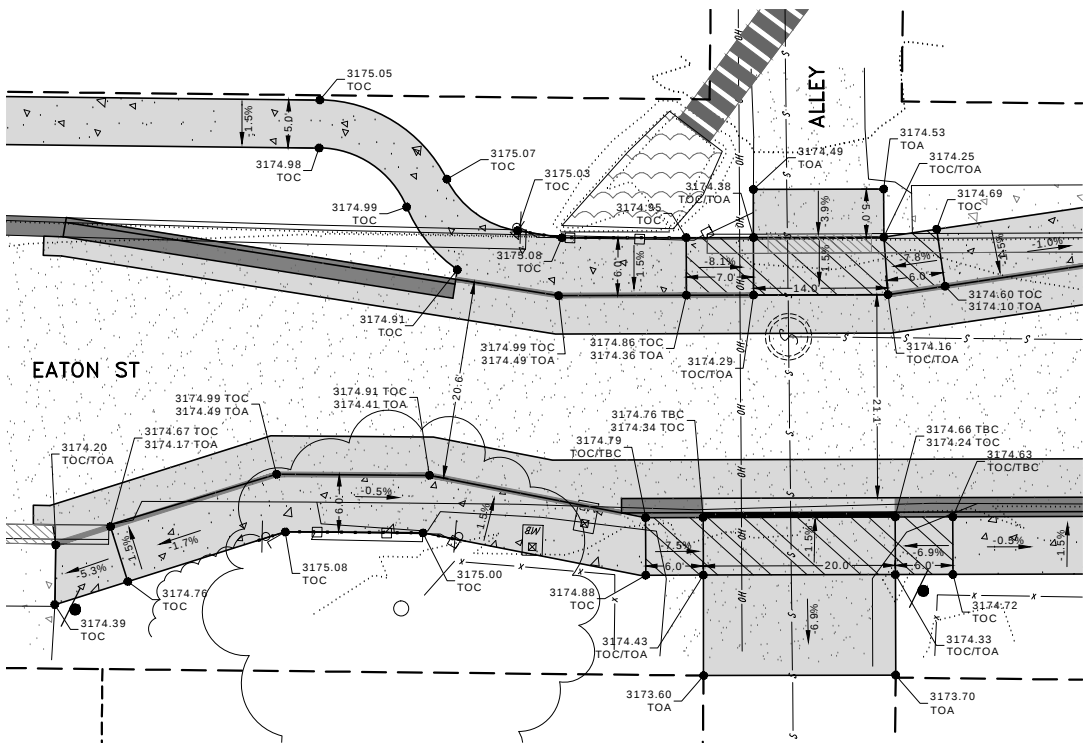
C DRIVEWAY DETAIL NOT TO SCALE



D ALLEY & DRIVEWAY DETAIL NOT TO SCALE



E ALLEY DETAIL NOT TO SCALE



F BRIDGE & ALLEY DETAIL NOT TO SCALE

1817 SOUTH AVE. W. STE. A
MISSOULA, MT 59801
PH: 406.721.0142
FAX: 406.721.5224
www.imegcorp.com

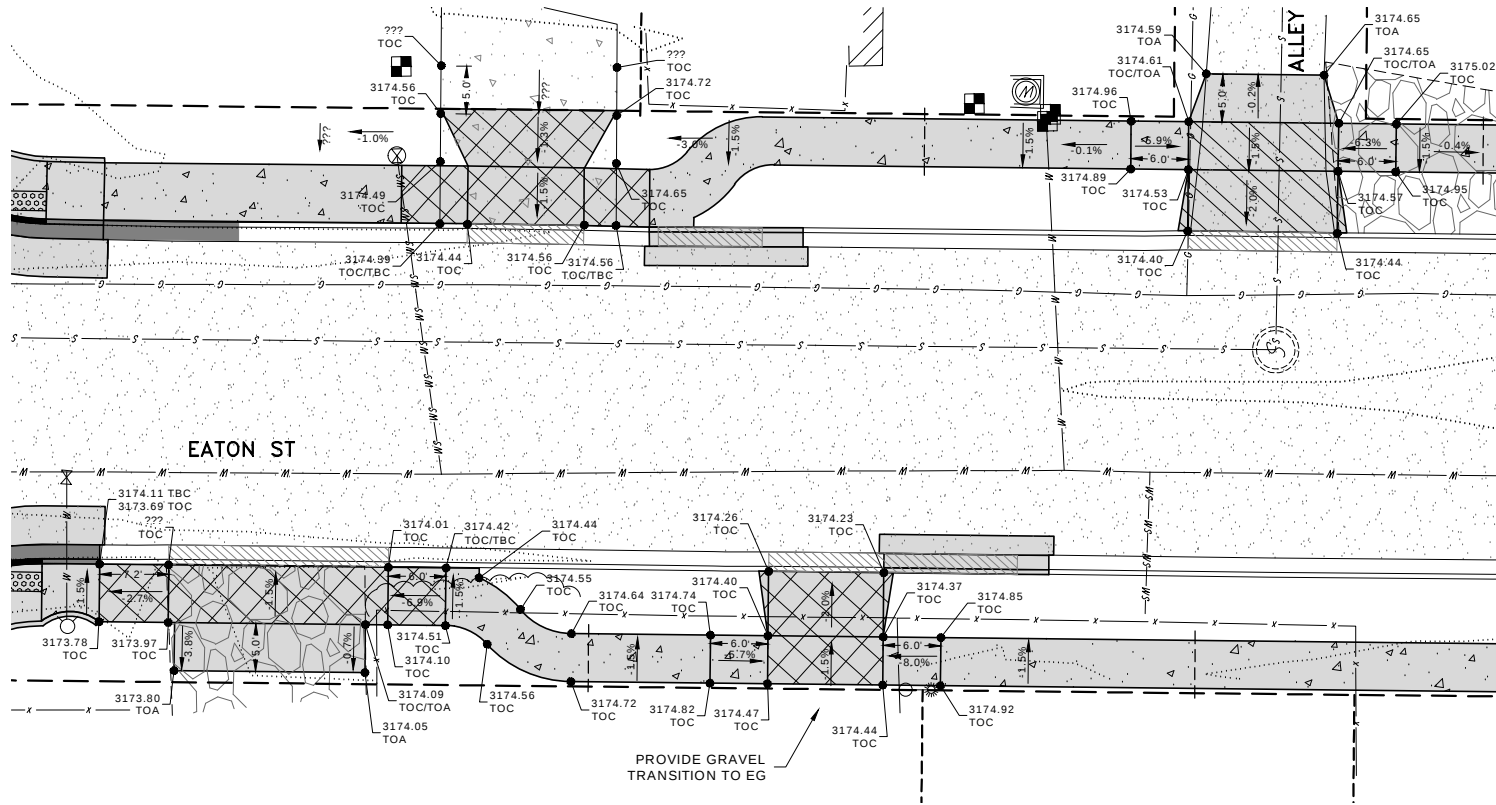
REVISIONS CITY STAGE 3 COMMENTS CITY COMMENTS CITY COMMENTS	DATE 6/6/2023 11/19/2024 10/03/2025
DESIGNED: <i>CD</i> DRAFTED: <i>JW</i> CHECKED: DATE: <i>MAR, 2023</i>	

LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR: CITY OF MISSOULA
PUBLIC WORKS

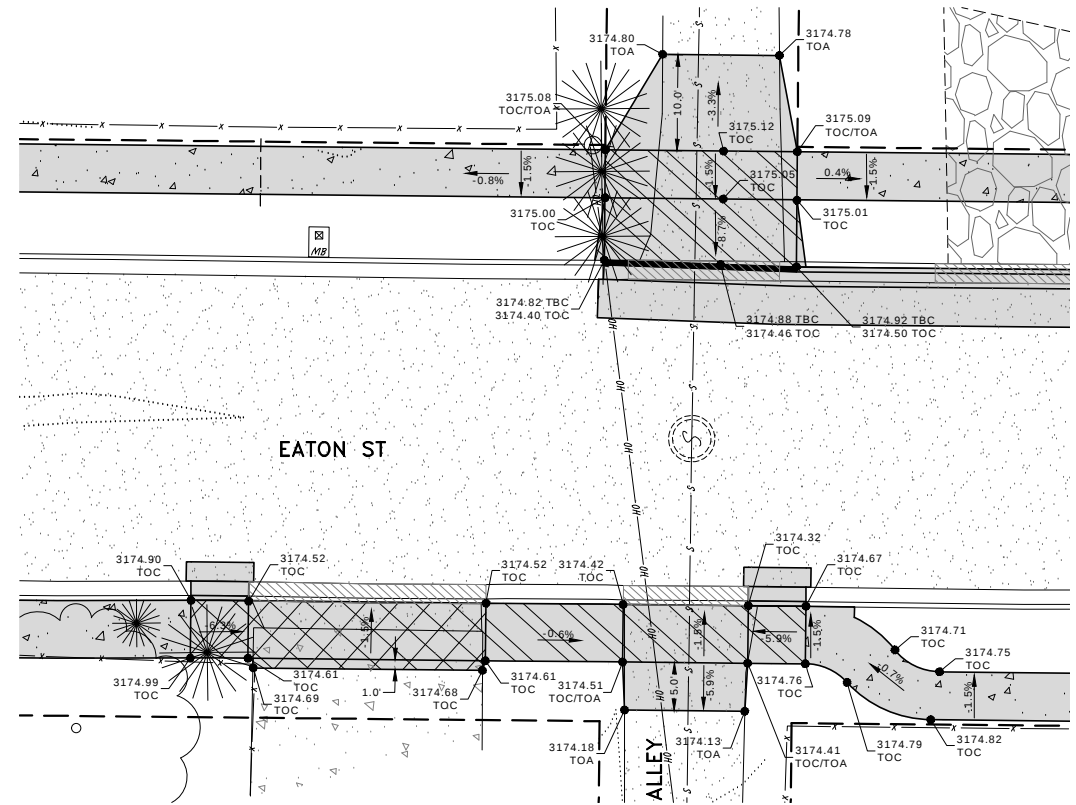
PROJECT NO. 21003629	PROJECT NAME EATON STREET INFRASTRUCTURE PROJECT 13TH STREET TO SUSSEX AVENUE
SHEET: D7 OF D9	SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2 DETAIL SHEET

DATE: 6/13/23
CORY DAVIS
PROFESSIONAL ENGINEER



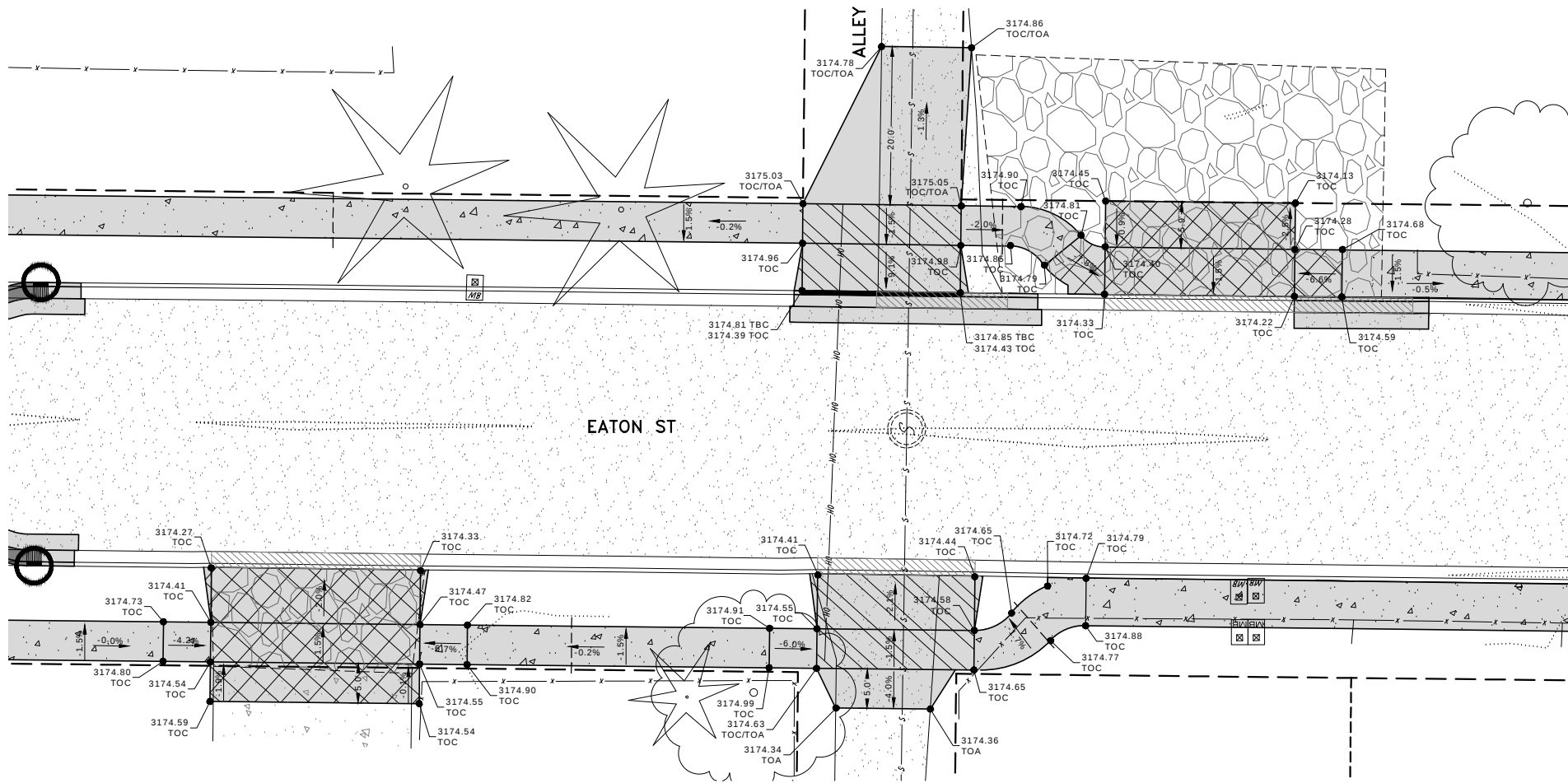
A DRIVEWAY & ALLEY DETAIL

NOT TO SCALE



B DRIVEWAY & ALLEY DETAIL

NOT TO SCALE



C DRIVEWAY & ALLEY DETAIL

NOT TO SCALE



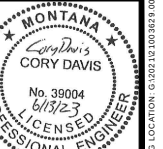
1817 SOUTH AVE. W. STE. A PHX 408 721 0142
MISSOULA, MT FAX 408 721 5524
www.imegcorp.com 59801

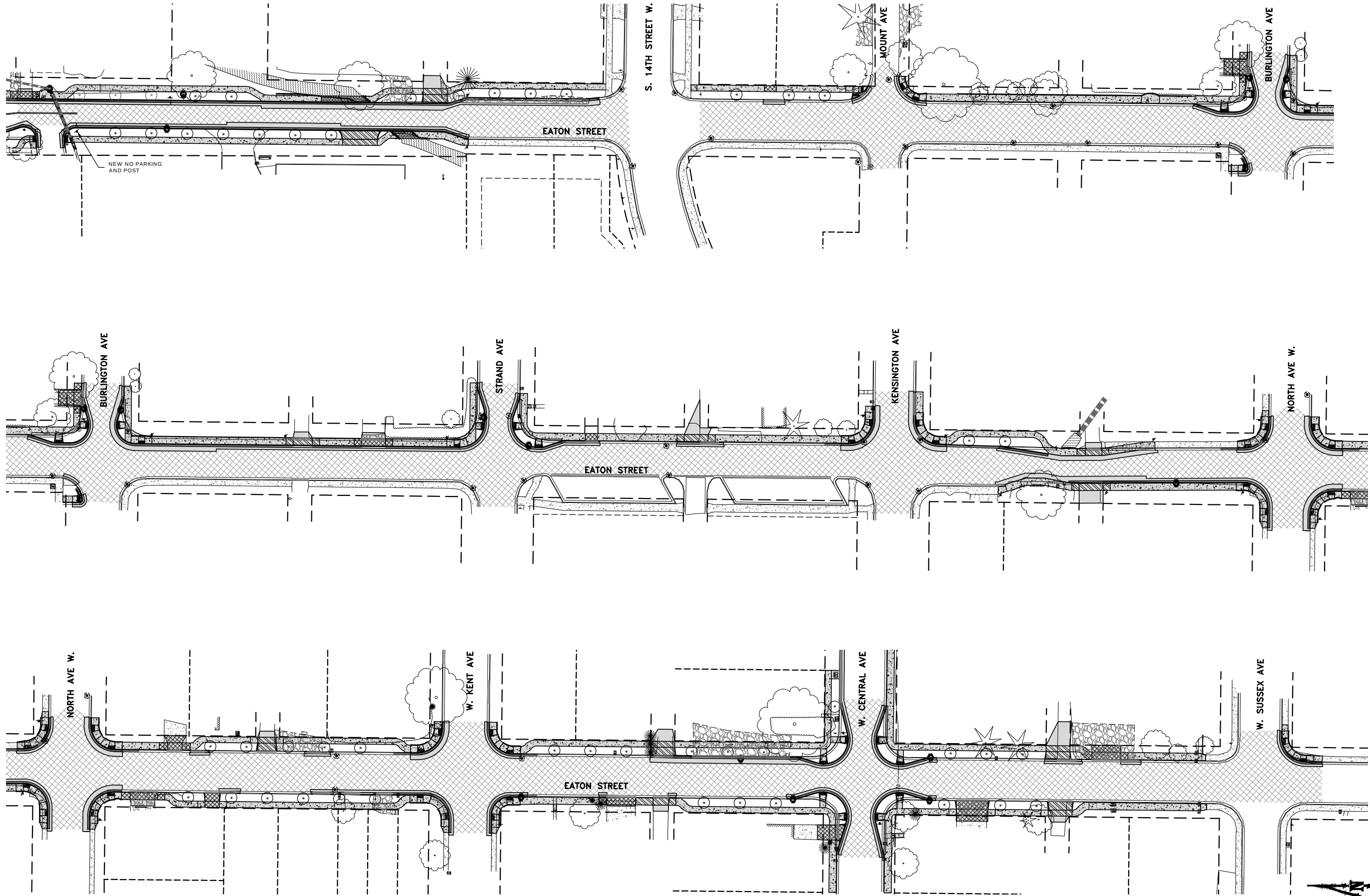
REVISIONS	DATE	CITY STAGE 3 COMMENTS
	6/6/2023	
	11/19/2024	
	10/03/2025	

DESIGNED: CD
DRAFTED: JW
CHECKED: MAR, 2023
DATE:

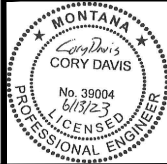
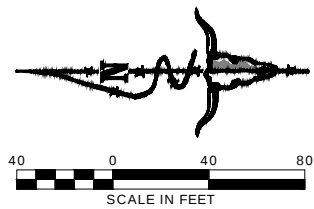
LOCATION: S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA
PROJECT NO. 21003629
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
DETAIL SHEET
D8 OF D9
SHEET: D8 OF D9

PROJECT NAME: EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE
SHEET TITLE: CURB AND SIDEWALK PLANS - PHASE 2
DETAIL SHEET
D8 OF D9
SHEET: D8 OF D9





CITY OF MISSOULA BID ALT #1
- ASPHALT REMOVAL AND NEW PAVING
(11,380 SY)



PROJECT NO.
21003629

PROJECT NAME
EATON STREET INFRASTRUCTURE PROJECT
13TH STREET TO SUSSEX AVENUE

SHEET:
D9 OF D9

SHEET TITLE:
CURB AND SIDEWALK PLANS - PHASE 2
BID ALT #1 - ASPHALT REMOVAL / PAVING

LOCATION:
S. 13TH ST. W. TO W. SUSSEX AVE.
SEC. 29, T.13N., R.19W., P.M.M.
MISSOULA, MONTANA

PREPARED FOR:
CITY OF MISSOULA
PUBLIC WORKS

REVISIONS

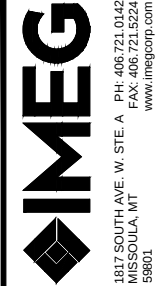
CITY STAGE 3 COMMENTS	DATE
CITY COMMENTS	6/6/2023
CITY COMMENTS	11/19/2024
CITY COMMENTS	10/03/2025

DESIGNED: CD

DRAFTED: JW

CHECKED:

DATE: MAR, 2023



1817 SOUTH AVE. W. STE. A PH: 406.721.0142
MISSOULA, MT FAX: 406.721.5524
www.imegcorp.com