



ADDENDUM NO. 1 - OUTLINE AND SUMMARY INFORMATION

Project Name: Parking Improvements 2023

PPA No.: 22-0012

Date: 5/11/23

Owner: Montana State University – PDC

P.O. Box 172760

Bozeman, Montana 59717-2760

To: All Plan Holders of Record

The Plans and Specification prepared by DJ&A dated May 6th, 2023, shall be clarified and added as follow. The bidder proposes to perform all the following clarifications or changes. It is understood that the Base Bid shall include any modification of Work or Additional Work that may be required by reason of the following change or clarifications.

Bidders are to acknowledge the receipt of this Addendum by inserting its number and date into their Bid Forms. Failure to do so may subject the Bidder to disqualification. This Addendum forms part of the Contract Documents as if bound therein and modifies them as follows:

AMENDMENTS TO THE PROJECT MANUAL

- A. Table of contents
- B. Bid Proposal form 098
- C. 012300 – Alternates - Specification
- D. 02114 – Relocating or Removing Utility Piles, Street Signs And Mailboxes - Specification
- E. 021753 - ADA Parking Improvements - Specification

AMENDMENTS TO THE DRAWINGS

- A. GIO-1 Cover Page – revised drawing index
- B. GIO-2 Notes, Legend, & Abbreviations – Engineer stamp added
- C. GIO-3 Key Pay & Survey Control – Engineer stamp added
- D. CD-1 Paisley Court West – Demolition– Engineer stamp added
- E. CD1-2 Paisley Court East - Demolition– Engineer stamp added
- F. CD1-3 Grant Chamberlain – Demolition – 100% drawings added
- G. CP-1 Paisley Court West – Site Plan– Engineer stamp added
- H. CP-2 Paisley Court East - Site Plan– Engineer stamp added

- I. CP-3 Grant Chamberlain - Site Plan - 100% drawings added
- J. CG-1 Paisley Court West – Grading– Engineer stamp added
- K. CG1-2 Paisley Court East - Grading– Engineer stamp added
- L. CG1-3 Grant Chamberlain – Grading - 100% drawings added
- M. CU1-1 Grant Chamberlain – Storm Water – Engineer stamp added
- N. C5-1 Details 1 – Engineer stamp added
- O. C5-2 Details 2 – Engineer stamp added
- P. C5-3 Details 3 – Engineer stamp added
- Q. C5-4 Details 4 – Engineer stamp added
- R. C5-5 Details 5 – Engineer stamp added

ATTACHMENTS

- A. Addendum No.1

TABLE OF CONTENTS

BIDDING REQUIREMENTS

- Permit Notice
- Invitation To Bid
- Instructions to Bidders
- Bid Proposal, Form 098

CONTRACT DOCUMENTS

Included in this Project Manual:

State of Montana General Conditions

MSU Supplemental Conditions

The following documents to be used for construction are not included in the printed project manual. These MSU Forms can be downloaded from our website:

<http://www.montana.edu/pdc/docs/index.html> – or will be provided upon request.

- | | |
|-------------------------------------------------|-------------------------------------------------|
| Substitution Request, Form 99 | Certificate of Substantial Completion, Form 107 |
| Schedule of Values for Payment, Form 100 | Construction Change Directive, Form 109 |
| Periodic Estimate for Partial Payment, Form 101 | Request for Information, Form 111 |
| Acknowledgement of Subcontractors, Form 102 | Performance Bond, Form 112 |
| Consent of Surety to Final Payment, Form 103 | Labor and Material Payment Bond, Form 113 |
| Contract Change Order, Form 104 | Certificate of Final Acceptance, Form 118 |
| Contractor's Affidavit, Form 106 | Buy Safe Montana Form |

For most current Montana Prevailing Wage Rates applicable to this project download from this site: <http://erd.dli.mt.gov/labor-standards/state-prevailing-wage-rates>

TECHNICAL SPECIFICATIONS

Division 1 - General Requirements

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- GIO-1 Cover
- GIO-2 Notes, Legend, & Abbreviations
- GIO-3 Key Map & Survey Control
- CD1-1 Paisley Court West - Demolition
- CD1-2 Paisley Court East - Demolition
- CD1-3 Grant Chamberlain – Demolition
- CP1-1 Paisley Court West – Site Plan
- CP1-2 Paisley Court East – Site Plan
- CP1-3 Grant Chamberlain – Site Plan
- CG1-1 Paisley Court West – Grading
- CG1-2 Paisley Court West – Grading
- CG1-3 Grant Chamberlain – Grading
- CU1-1 Grant Chamberlain – Storm Water
- C5-1 Details 1
- C5-2 Details 2
- C5-3 Details 3
- C5-4 Details 4
- C5-5 Details 5



REVISED BID PROPOSAL 5/11/23
PARKING IMPROVEMENTS 2023
PPA No. 22-0012

TO:
 State of Montana, Montana State University
 University Facilities Management
 Attn: Contract Administrator
 Plew Building, 6th & Grant,
 PO Box 172760
 Bozeman, Montana 59717-2760

Prospective Bidders:

The undersigned, having familiarized themselves with the Contract Documents, site, location, and conditions of the Work as prepared by **DJ&A, 220 W Lamme Street, Bozeman, MT 59715, (406) 721-4320**, by submission of this Bid Proposal, hereby agrees to provide all materials, systems, equipment and labor necessary to complete the Work for the total sum as follows:

	Item	Quantity	Unit	Unit Price	Cost
M1	MOBILIZATION	1	LS		
A1	TEMPORARY TRAFFIC CONTROL	1	LS		
A2	SOIL EROSION AND POLLUTION CONTROL	1	LS		
A3	REMOVE EXISTING ASPHALT	16902	SY		
A4	REMOVE EXISTING CURB & GUTTER	507	LF		
A5	REMOVE EXISTING CONCRETE	980	SY		
A6	REMOVE EXISTING ELECTRIC POSTS	89	EA		
A7	REMOVE & REINSTALL ELECTRIC POSTS	8	EA		
A8	REMOVE LIGHT POLES	4	EA		
A9	REMOVE EXISTING SIGNS	5	EA		
A10	REMOVE EXISTING WHEEL STOPS	392	EA		
A11	REMOVE & REINSTALL EXISTING WHEEL STOPS	28	EA		
A12	REMOVE & REINSTALL MAILBOX	2	EA		
A13	ASHPALT PAVEMENT	141510	SF		
A14	CRUSHED BASE COURSE, 3/4" MINUS	5442	CY		
A15	RECLAIMED ASPHALT & PLACEMENT (ALTERNATE #4)	141510	SF		

A16	CRUSHED BASE COURSE, 3/4" MINUS (ALTERNATE #4)	1948	CY		
A17	SUB-BASE COURSE, 3" MINUS (ALTERNATE #4)	4368	CY		
A19	CURB AND GUTTER	2334	LF		
A20	CONCRETE (SIDEWALKS)	880	SY		
A21	CONCRETE (TRAFFIC-RATED PAD)	248	SY		
A22	CRUSHED BASE COURSE, 1" MINUS	83	CY		
A23	INSTALL LIGHT POLES	4	EA		
A24	PLACEMENT OF 3 4" HDPE CONDUIT	900	LF		
A25	ADA RAMP & SIDEWALK IMPROVEMENTS	9	EA		
A26	ADA SIGNS	11	EA		
A27	"SERVICE VEHICLES ONLY" OR "NO PARKING SIGN INSTALLATION	15	EA		
A28	PERMANENT PAVEMENT MARKINGS - 4" STRIPING	5612	LF		
A29	PERMANENT PAVEMENT MARKINGS - NO PARKING STRIPING	4629	SF		
A30	PERMANENT PAVEMENT MARKING - CURB STRIPING	50	LF		
A31	60" ID DRY WELL STORM DRAIN STRUCTURE	3	EA		
A32	DRY WELL GRATE/INLET ASSEMBLY	3	EA		
A33	TRENCH DRAIN INSTALLATION	6	EA		
A34	VEGETATED SWALES	3049	SF		
A35	3"-8" WASHED DRAIN ROCK	135	CY		
A36	GEOTEXTILE	162170	SF		
A37	EXISTING MANHOLES TO ADJUST	3	EA		
A38	EXISTING WATER VALVE BOXES TO ADJUST	4	EA		
A39	REMOVE & REINSTALL UNDERGROUND ELECTRIC	1510	LF		
	Total for all unit Prices				\$

BASE BID:

_____ and _____ /100 DOLLARS
 (ALPHA notation) \$ _____ (NUMERIC notation)

ALTERNATE NO. 1: DEDUCT Paisley West ADA Improvements

THE BIDDER AGREES TO **DEDUCT** THE SPECIFIED SCOPE OF WORK FOR THE TOTAL SUM OF:

_____ and _____ /100 DOLLARS
 (ALPHA notation) \$ _____ (NUMERIC notation)

ALTERNATE NO. 2: DEDUCT Future Use Conduit

THE BIDDER AGREES TO **DEDUCT** THE SPECIFIED SCOPE OF WORK FOR THE TOTAL SUM OF:

_____ and _____ /100 DOLLARS
(ALPHA notation) \$ _____ (NUMERIC notation)

ALTERNATE NO. 3: DEDUCT Electrical Poles

THE BIDDER AGREES TO **DEDUCT** THE SPECIFIED SCOPE OF WORK FOR THE TOTAL SUM OF:

_____ and _____ /100 DOLLARS
(ALPHA notation) \$ _____ (NUMERIC notation)

ALTERNATE NO. 4: ADD Asphalt Pavement

THE BIDDER AGREES TO **ADD** THE SPECIFIED SCOPE OF WORK FOR THE TOTAL SUM OF:

_____ and _____ /100 DOLLARS
(ALPHA notation) \$ _____ (NUMERIC notation)

This bidder acknowledges receipt of the following addenda:

ADDENDUM No.: _____ Dated: _____
ADDENDUM No.: _____ Dated: _____
ADDENDUM No.: _____ Dated: _____

By signing below, the bidder agrees to all terms specified and AGREES TO fulfill the requirements of the CONTRACT in strict accordance with the bidding documents.

Company Name: _____

Business Address: _____

Construction Contractor
Registration No.: _____

Phone No.: _____

Fax No.: _____

Email: _____

Date: _____

Bid Proposals entitled to consideration shall be signed by the proper representative of the firm submitting the proposal as follows (Initial which requirement you meet):

- The principal of a single owner firm;
- A principal of a partnership firm;
- An officer of an incorporated firm, or an agent whose signature is accompanied by a certified copy of the resolution of the Board of Directors authorizing that agent to sign; or (attach a copy of the resolution),
- Other persons signing for a single-owner firm or a partnership shall attach a power-of-attorney evidencing his authority to sign for that firm.

Signature: _____

Print Name: _____

Title: _____

**SECTION 012300
ALTERNATES**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions, Supplemental Conditions and other Division 1 Specification Sections, apply to this section. See also *Instructions to Bidders 10.3 Award of Bids*.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. Description of Alternates
 - 1. Paisley West ADA Improvements:
 - a. Remove from scope (DEDUCT)
 - 2. Future Use Conduit:
 - a. Remove from project scope (DEDUCT)
 - 3. Electric Poles:
 - a. Do not reinstall (DEDUCT)
 - 4. Asphalt Pavement
 - a. Alternative 2 from Geotechnical Report and shown in Drawings – Detail F/C5-1 (ADD)

END OF SECTION

**SECTION 02114
RELOCATING OR REMOVING UTILITY POLES, STREET SIGNS AND
MAILBOXES**

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This item consists of relocating or removing existing street lights, signs, power poles, telephone poles, and mailboxes, as shown in the contract documents.

PART 2 - PRODUCTS - NOT USED PART

3 - EXECUTION

3.1 POWER, STREET LIGHT, AND TELEPHONE POLES

- A. Affected utility companies are to move power, streetlight, and telephone poles unless they are designated in the contract documents to be removed or relocated by the CONTRACTOR. If a utility company is non-responsive, notify ENGINEER. Coordinate all utility relocation activity with the construction activity.
- B. When relocating or removing power poles, street light poles, and telephone poles, comply with the contract documents' applicable requirements.

3.2 STREET AND TRAFFIC CONTROL SIGNS

- A. Remove and reinstall all street, stop, and other traffic control/direction signs designated to be relocated by the CONTRACTOR as shown in the contract documents or as designated by the ENGINEER. Include removing, temporarily installing, storing, and permanently installing the signs.
- B. The locations shown in the contract documents for streetlights, street signs, power poles, telephone poles, and private mailboxes to be relocated are approximate. The specific locations are to be designated by the ENGINEER in the field.
- C. Relocate all signs within the staked grading limits whose existing locations do not conform to final plan locations. Also, relocate signs outside the staked grading limits to conform to final plan locations.
- D. Preserve all street, stop, and other traffic control and direction signs that are to remain in place. Should any such signs be moved for the CONTRACTOR's convenience, permanently reinstall the signs after curb and gutter construction is complete. Assume responsibility for any damage to such signs. No extra compensation will be allowed for preserving, removing, or replacing stop and traffic control and direction signs designated to remain

in place since this work is considered incidental to the contract unit prices for the various items of the contract.

- E. Where stop signs and traffic direction or control signs are temporarily removed but are needed for traffic reasons during construction, temporarily install a similar stop sign or traffic direction sign in locations acceptable to the ENGINEER. Assure that the temporary signs remain in place until the permanent stop or traffic control signs are in place.
- F. Do not install street signs temporarily.
- G. Store signs which are not used for temporary installation.
- H. Set all permanent signs in fresh concrete, the pole supporting the sign being vertical, and the bottom of the sign being 7'-0" above the top of the curb or sidewalk. Replace all signs which are damaged during removal with new signs.
- I. Assure that all sign locations conform to the latest issue of the Manual on Uniform Traffic Control Devices and MSU Standards.

3.3 MAILBOXES

- A. Mailboxes designated for relocation shall be placed temporarily outside but immediately adjacent to the construction limits. Any Mailbox damaged will be replaced and installed at CONTRACTOR expense. Within 48 hours following the damage or removal, reinstall the mailboxes in accordance with current U.S. Post Office regulations and applicable MSU standards.
- B. Any mailbox temporarily placed or displaced must be coordinated with MSU and the local Postmaster as to not disrupt mail service to residents.
- C. Mailboxes must be accessible throughout the entirety of construction to accommodate Postal Service delivery and tenant access.

END OF SECTION

SECTION 021723

ADA PARKING IMPROVEMENTS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This specification covers the installation of American with Disabilities Act (ADA) parking lot improvements to pavement markings, grading improvements, sidewalk improvements, and truncated domes as per the Drawings and Specifications.

1.2 REFERENCES

- A. American with Disabilities Act of 1990 (ADA) Standards for Accessible Design
- B. American with Disabilities Act Accessibility Guidelines (ADAAG) 2010
- C. ASTM D 2628 - Standard Specification for Preformed Polymeric Pavement Marking Tape for Nonairfield Applications
- D. ASTM D 794 - Standard Test Method for Shear Strength of Plastics by Punch Tool
- E. ASTM D 412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension
- F. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics
- G. ASTM D 695 - Standard Test Method for Compressive Properties of Rigid Plastics
- H. ASTM D 792 - Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement
- I. ASTM D 882 - Standard Test Method for Tensile Properties of Thin Plastic Sheeting
- J. ASTM E 1745 - Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs
- K. ASTM E 303 - Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester

PART 2 - PRODUCTS

2.1 GENERAL

A. PAVEMENT MARKINGS

- 1. All pavement markings shall be preformed polymeric pavement marking tape as per

ASTM D 2628.

2. All pavement markings shall be installed in accordance with the manufacturer's recommendations.
3. All pavement markings shall be reflective.
4. All pavement markings shall have a minimum shear strength of 15 pounds per inch as per ASTM D 794.

B. GRADING IMPROVEMENTS

1. All grading improvements shall be made in accordance with the requirements of the ADA Standards for Accessible Design and the ADAAG 2010.
2. All grading improvements shall be compacted to a minimum of 95% of maximum density as determined by ASTM D 695.

C. SIDEWALK IMPROVEMENTS

1. All sidewalk improvements shall be constructed in accordance with the requirements of the ADA Standards for Accessible Design and the ADAAG 2010.
2. All sidewalks shall have a minimum width of 36 inches.
3. All sidewalks shall have a maximum cross slope of 2% and a maximum running slope of 5%.

D. Truncated Domes

1. All truncated domes shall be constructed in accordance with the requirements of the ADA Standards for Accessible Design and the ADAAG 2010.
2. All truncated domes shall be made of durable material that is resistant to wear and weathering.
3. All truncated domes shall be placed at a spacing of 24 inches center-to-center in a grid pattern.
4. All truncated domes shall have a maximum height of 0.2 inches and a minimum height of 0.1 inches.
5. All truncated domes shall have a base diameter of 0.9 inches and a top diameter of 0.45 inches.
6. All truncated domes shall be tested for slip resistance.

PART 3 - EXECUTION

3.1 PREPERATION

- A. The CONTRACTOR shall ensure the parking lot area designated for ADA access is graded to the required slope and cross slope.

3.2 PAVEMENT MARKINGS & SIGNS

- A. The CONTRACTOR shall apply ADA markings, if required, in accordance with the approved Drawings and Specifications. The pavement markings shall be applied using traffic paint or thermoplastic material. The CONTRACTOR shall ensure that the pavement markings have a non-slip surface.
- B. The CONTRACTOR shall install ADA Accessible Parking signs in accordance with the approved Drawings and Specifications. MSU shall provide the signs.

3.3 GRADING IMPROVEMENTS

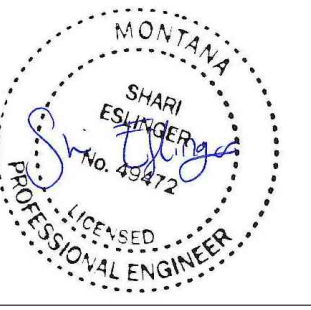
- A. The CONTRACTOR shall install the sidewalks in accordance with the approved Drawings and Specifications. The CONTRACTOR shall ensure that the sidewalks have a minimum width of 36 inches and shall have a non-slip surface. The CONTRACTOR shall also ensure that the sidewalks have a slope of no more than 4.8%.

3.4 TRUNCATED DOMES

- A. The CONTRACTOR shall install the truncated domes in accordance with the approved Drawings and Specifications. The CONTRACTOR shall ensure that the truncated domes are made of durable and non-slip material. The color of the truncated domes shall be yellow.

END OF SECTION

DRAWN BY: L. OTTEY		
REVIEWED BY: K. GAUTHIER		
REV.	DESCRIPTION	DATE
1	GC ADDENDUM ADDITION	05/09/23



PPA#22-0012

COVER

SHEET
G10-1

DATE
05-09-23

PPA# 22-0012

PARKING IMPROVEMENTS 2023

MONTANA STATE UNIVERSITY

BOZEMAN, MT

PREPARED FOR:

STATE OF MONTANA - MONTANA STATE UNIVERSITY
UNIVERSITY FACILITIES MANAGEMENT, PLANNING,
DESIGN & CONSTRUCTION
PLEW BUILDING 6TH & GRANT
PO BOX 172760
BOZEMAN, MT 59717-2760
PHONE: 406-994-5413
FAX: 406-994-5665



PREPARED BY:

DJ&A
220 WEST LAMME STREET, SUITE 1D
BOZEMAN, MT 59715
406-721-4320

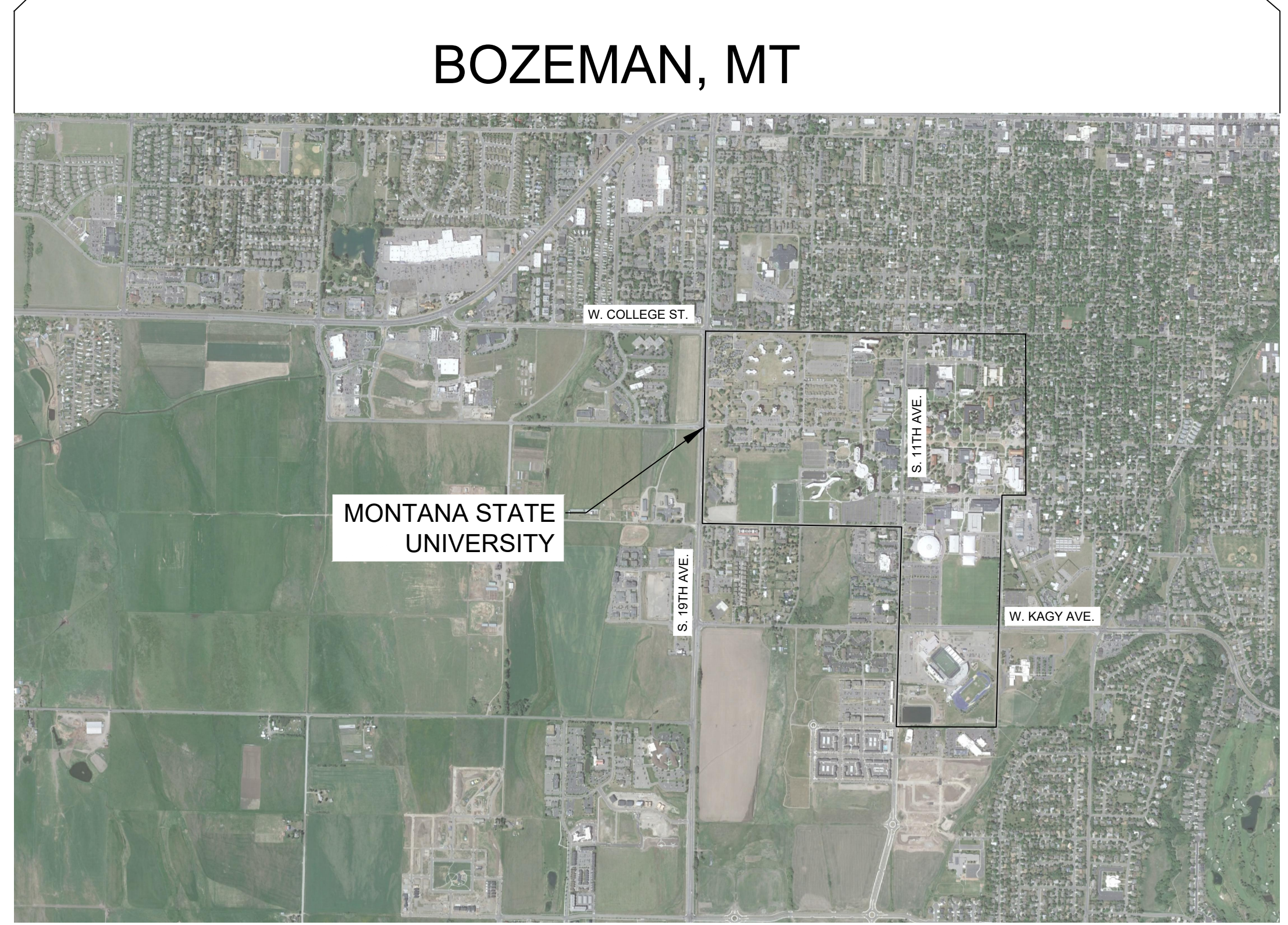


SHEET INDEX:

Sheet Number	Sheet Title
GI0-1	COVER
GI0-2	NOTES, LEGEND, & ABBREVIATIONS
GI0-3	KEY MAP & SURVEY CONTROL
CD1-1	PAISLEY COURT WEST - DEMOLITION
CD1-2	PAISLEY COURT EAST - DEMOLITION
CD1-3	GRANT CHAMBERLAIN - DEMOLITION
CP1-1	PAISLEY COURT WEST - SITE PLAN
CP1-2	PAISLEY COURT EAST - SITE PLAN
CP1-3	GRANT CHAMBERLAIN - SITE PLAN
CG1-1	PAISLEY COURT WEST - GRADING
CG1-2	PAISLEY COURT EAST - GRADING
CG1-3	GRANT CHAMBERLAIN - GRADING
CU1-1	GRANT CHAMBERLAIN - STORM WATER
C5-1	DETAILS 1
C5-2	DETAILS 2
C5-3	DETAILS 3
C5-4	DETAILS 4
C5-5	DETAILS 5



LOCATION MAP
NTS

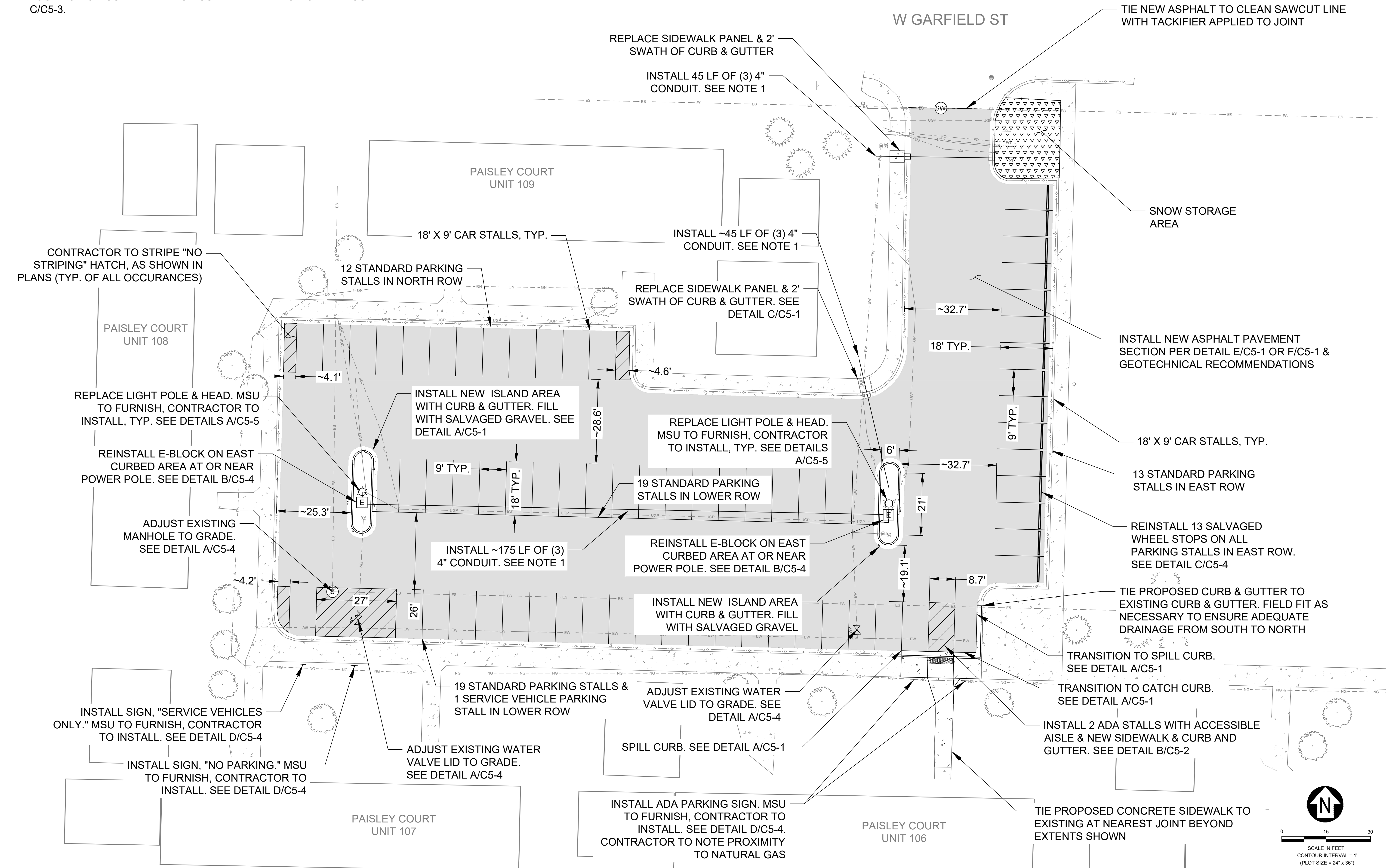


VICINITY MAP
NTS

Map file: 2023 - 0509 - 231625 GC-NUMERAL SHEET 1.dwg
PLOT DATE: 05/09/23 Plotter: eplot.pc.plt Plot Size: 11x17 inches

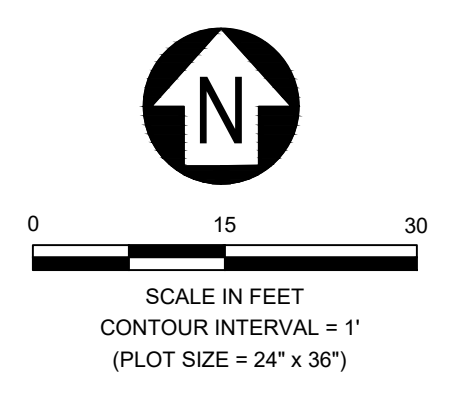
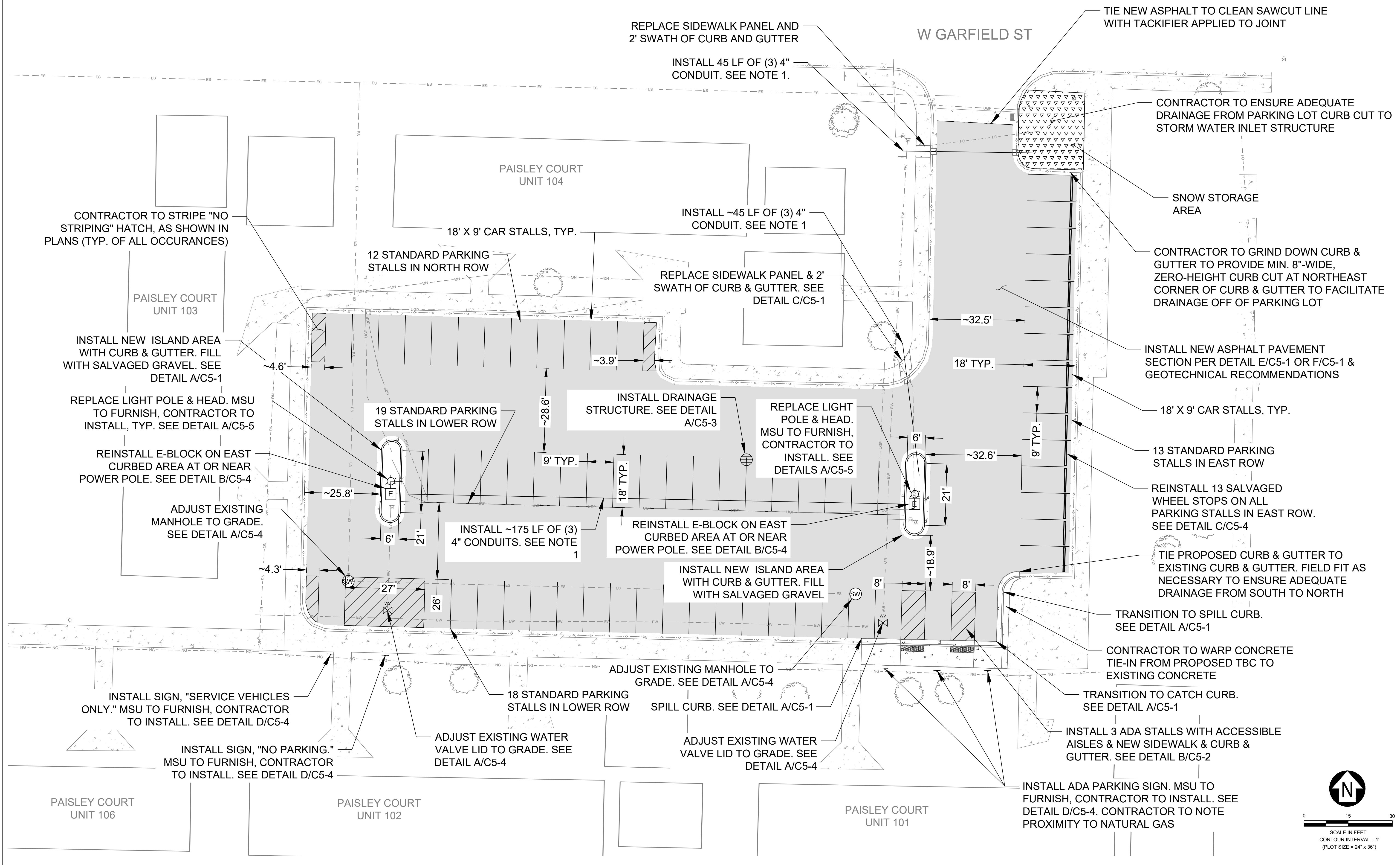
NOTES:

- CONDUIT WILL BE INSTALLED AT 24" BURY DEPTH TO TOP OF CONDUIT BUNDLE. LABEL CONDUIT WITH LOCATE TAPE. CAP, MARK AND SWEEP 3' OFF THE GROUND. LOCATED AT A 2' SETBACK FROM THE CURB. MARK CONDUIT LOCATION ON CURB WITH 2" CIRCULAR IMPRESSION OR SAW CUT. SEE DETAIL C/C5-3.



NOTES:

- CONDUIT WILL BE INSTALLED AT 24" BURY DEPTH TO TOP OF CONDUIT BUNDLE. LABEL CONDUIT WITH LOCATE TAPE. CAP, MARK AND SWEEP 3' OFF THE GROUND. LOCATED AT A 2' SETBACK FROM THE CURB. MARK CONDUIT LOCATION ON CURB WITH 2" CIRCULAR IMPRESSION OR SAW CUT. SEE DETAIL C/C5-3.



PROJECT INFORMATION

MSU - PAISLEY COURT || LIGHTING PLAN
BOZEMAN, MONTANA

CONSTRUCTION DOCUMENTS

DATE ISSUED | 03/01/2023
PROJECT ENGINEER | ANDY MOORE

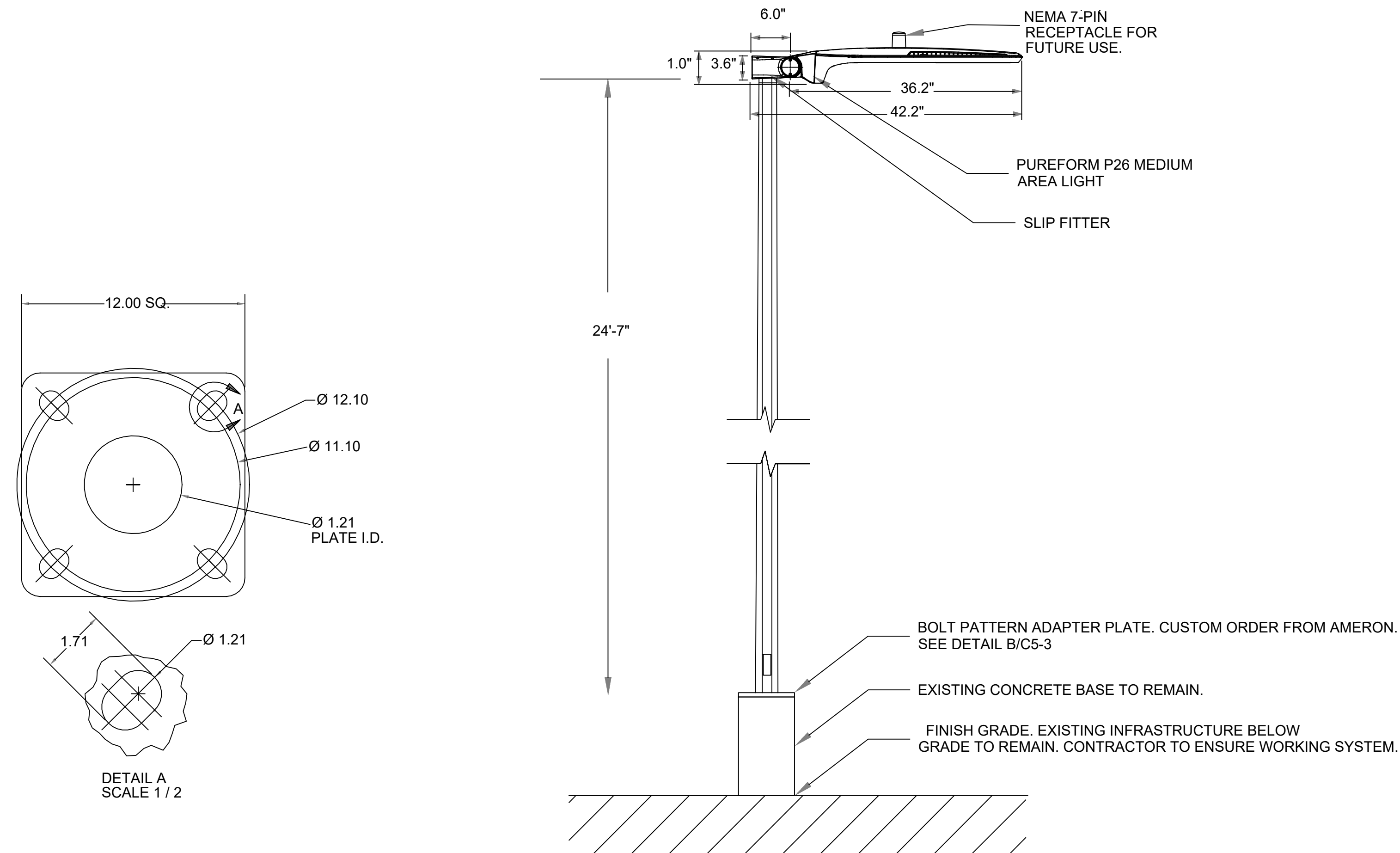
Issue
100%

LIGHTING

- 1 B01 IDENTIFICATION
 - a B01: LUMINAIRE TYPE
 - 1: SWITCH ZONE
 - 1: CIRCUIT NUMBER
 - FILLED LUMINAIRE INDICATED EMERGENCY OPERATION
 - SURFACE MOUNTED LUMINAIRE
 - RECESSED LUMINAIRE
 - WALL WASH LUMINAIRE
 - ARROW INDICATED ORIENTATION
 - WALL MOUNTED LUMINAIRE
 - *XX* INDICATES MOUNTING HEIGHT TO CENTER
 - SUSPENDED LUMINAIRE
 - POLE MOUNTED LUMINAIRE WITH ARM
 - POST MOUNTED LUMINAIRE
 - GROUND/FLOOR MOUNTED LUMINAIRE
 - TRACK LUMINAIRE SYSTEM (LENGTH, HEAD TYPES, & QUANTITIES AS INDICATED ON PLANS & SCHEDULES)
 - EXIT SIGN - ARROWS & FACES AS INDICATED ON PLANS
- ORIENTATION
- HORIZONTAL ZERO LINE INDICATED HOTLINE ZERO DRAWN FROM CENTER
 - DIRECTIONAL ARROW INDICATED PRIMARY LUMEN ORIENTATION
 - DIRECTIONAL AIMING LINE

LUMINAIRE SCHEDULE																
Type	Description	Manufacturer	Catalog Number	Source	CRI	CCT	Voltage	Load	Luminous Flux	Efficacy	Dim	Life Expectancy	Mounting	Finish	Notes	
B01	STREET/PARKING ENTRY LUMINIARE	GARDCO	P26-64L-600-WW(80CRI)-G2-SF-2-277-FAWS-TLRD7-F1-BZ // PTF2-P26/34-1-90-(F)	LED	80	3000K	277 V	167 VA	14493 lm	127 lm/W	FAWS	100,000	EXISTING POLE	BRONZE	2	
B02	PARKING LOT LUMINIARE	GARDCO	P26-80L-700-WW(80CRI)-G2-SF-5W-277-FAWS-TLRD7-F1 // PTF2-P26/34-1-90-(F)	LED	80	3000K	277 V	169 VA	21363 lm	127 lm/W	FAWS	100,000	25' NEW POLE	BRONZE	1	

NOTES:
1. PROVIDE & INSTALL NEW AMERON #MEO-7.5 POLE AND CUSTOM BOLT PATTERN ADAPTER PROVIDED BY AMERON. REFER TO DETAIL 1/EL0.01
2. EXISTING POLE TO REMAIN.



1 AMERON CUSTOM BOLT PATTERN ADAPTER
EL0.01 NTS

2 AMERON POLE MOUNTING DETAIL
EL0.01 NTS

A MODULUS LIGHT POLE DETAIL
C5-5 NTS