CITY OF MOBILE
THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1
& JAPANESE GARDENS PARKING LOT LIGHTING

Project No. 2025-2045-01

ADDENDUM #2

This addendum includes the following:

- Contract Document Amendments (updated Contract Documents – Attachment A)
- Construction Plan Amendments (updated Construction Plans – Attachment B)

This addendum consists of a total of 59 pages, including the cover page.

A final addendum will be posted by COB on Friday, August 22, 2025. It will contain answers to any remaining questions, which must be received by 12pm on Wednesday, August 20, 2025.

It will include any remaining questions received prior to the deadline of 12pm on Wednesday, August 20, 2025.

Instructions: Please acknowledge receipt of this addendum by signing this form and including it in your submittal on Wednesday, August 27, 2025.

Acknowledgement: I hereby acknowledge receipt of Addendum 2. I understand that failure to confirm the receipt of addenda may be cause for rejection of this submittal.

_____
Company

_____
Authorized Signature

I. THE CONTRACT DOCUMENTS WILL BE AMENDED AS FOLLOWS:

****Selected sections from Contract Documents in Attachment A****

- Page 8 of 95, ITEM III PROPOSAL

  - Removed "The Contractor will be provided the estimated electrical load per circuit on the plan set. Using NEC standards, the conductor wires and breakers shall be sized appropriately per acceptable industry standards. A newly established power service location is required and will is identified in the proposal's plans"
  - Included in its place to say, *"The Contractor shall install conductor wires and conduit sized according to the Riser Diagram plan sheet. A newly established power service location is required and is identified in the proposal's plans."*
  - Revised document request date from "August 1, 2024", to *"August 1, 2025"*

- Page 10 of 95 and Page 11 of 95, ITEM III PROPSAL, BASE BID SHEET

  - Removed Line Items

LINE ITEMS	TOTAL	UNIT	DESCRIPTION
729I-100	9556	LIN FT	1 1/4" HDPE SDR 11 CONDUIT (COLOR VARIES)
729I-002	150	LIN FT	2" HDPE SDR 11 CONDUIT (COLOR VARIES)
750F-001	4802	LIN FT	CONDUCTOR, AWG TO BE DETERMINED BY CONTRACTOR

  - Added Line Items

LINE ITEMS	TOTAL	UNIT	DESCRIPTION
729I-701	*5635*	*LIN FT*	*CONDUCTOR, 6 AWG (XHHW-2)*
729I-702	*15615*	*LIN FT*	*CONDUCTOR, 4 AWG (XHHW-2)*
729I-703	*21265*	*LIN FT*	*CONDUCTOR, 2 AWG (XHHW-2)*
750E-113 (a)	*3550*	*LIN FT*	*CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SDR 11 FIBER CONDUIT) (COLOR VARIES)*
750E-113 (b)	*1195*	*LIN FT*	*CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)*
750E-115	*1630*	*LIN FT*	*CONDUIT, 2 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)*
750E-116	*1920*	*LIN FT*	*CONDUIT, 2 1/2 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)*

- Page 31 of 95, ITEM IX ARTICLES OF AGREEMENT, ENGINEER TERM
    - Previous term “ENGINEER: (8) The engineering company assigned to perform engineering design and construction inspection services for this project. The engineering company so assigned to this project is NEELSCHAFFER, INC.”
    - Revised term to say *“ENGINEER: (8) The engineering company assigned to perform construction engineering and construction inspection services for this project. The engineering company so assigned to this project will be determined at a later date.”*

- Page 85 of 95, ATTACHMENT E, MATERIAL SPECIFICATIONS AND DRAWINGS, CITY OF MOBILE SPECIFICATIONS FOR GREENWAY TRAIL SEGMENT (1) LIGHT POLE & LUMINAIRE STANDARDS, SECTION V LUMINAIRE
    - Removed “120 volts”
    - Revised voltage range to be *“120-277 volts AC”*

II. THE CONSTRUCTION PLANS WILL BE AMENDED AS FOLLOWS:

****Construction Plans in Attachment B: For all items that have been included/revised are boxed in YELLOW****

Below is a list of edits made to the construction plans:

- Page 1 of 17, TITLE SHEET
  - Added Electrical Engineers signature and seal.
  - Updated the date from "JULY, 2025" to *"AUGUST, 2025"*
  - In Index to Sheets, added *"17. RISER DIAGRAM SHEET"*
- Page 8 of 17, PROJECT NOTES
  - Construction Notes **removed**,
    - Entire notes removed:
      - Previous note 17 "17. ELECTRICAL LOADING… "
      - Previous note 20 from Addendum 1 "20. ITEM 750F-001 IS INTENDED TO BE A 3-WIRE ASSEMBLY FOR EACH LIGHTING CIRCUIT."
  - Construction Notes **added**,
    - *"21. ITEM 750E-113 (a & b) ARE BOTH "CONDUIT, 1 ¼ INCH, RIGID NONMETALLIC". THEY ARE SEPARATED OUT TO SHOW ITEM 750E-113 (a & b) ARE BOTH "CONDUIT, 1 ¼ INCH, RIGID NONMETALLIC". THEY ARE SEPARATED OUT TO SHOW THE APPROXIMATE LINEAR FOOT OF FIBER CONDUIT VS. POWER CONDUIT."*
    - *"22. ALL FIBER CONDUIT WILL BE ACCOMPANIED WITH SCHEDULE (SCH) 80 POWER CONDUIT, VARYING IN SIZE."*
    - "23. *SEE RISER DIAGRAM ON SHEET 17 FOR WIRE ASSEMBLY FOR EACH LIGHTING CIRCUIT."*
- Page 11 of 17, SUMMARY OF QUANTITIES
  - Line Items updated,

LINE ITEMS	TOTAL	UNIT	DESCRIPTION
729I-701	*5635*	*LIN FT*	*CONDUCTOR, 6 AWG (XHHW-2)*
729I-702	*15615*	*LIN FT*	*CONDUCTOR, 4 AWG (XHHW-2)*
729I-703	*21265*	*LIN FT*	*CONDUCTOR, 2 AWG (XHHW-2)*
750E-113 (a)	*3550*	*LIN FT*	*CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SDR 11 FIBER CONDUIT) (COLOR VARIES)*
750E-113 (b)	*1195*	*LIN FT*	*CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)*
750E-115	*1630*	*LIN FT*	*CONDUIT, 2 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)*
750E-116	*1920*	*LIN FT*	*CONDUIT, 2 1/2 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)*

- Page 12 of 17, SUMMARY OF QUANTITIES BOX SHEET
  - Box Sheet updated,

LINE ITEMS	*729I-701*	*729I-702*	*729I-703*
DESCRIPTION	*Conductor, 6 AWG (XHHW-2)*	*Conductor, 4 AWG (XHHW-2)*	*Conductor, 2 AWG (XHHW-2)*
TOTAL	*5635*	*15615*	*21265*

- Page 13 of 17, LIGHTING PLAN
  - Removed duplicate callout "SEQUENCE/CIRCUIT 2 BEGINS".
  - Legend updated with, "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT. SEE RISER DIAGRAM FOR POWER CONDUIT SIZING."*
  - Six (6) callouts for Fiber and Power conduit updated to say "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT."*
  - Updated callout for New Services Required to include *"(SINGLE PHASE – 240V SERVICES)"*
- Page 14 of 17, ELECTRICAL SITE PLAN 10+31.66 TO 26+00.00
  - Legend updated with, "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT. SEE RISER DIAGRAM FOR POWER CONDUIT SIZING."*
  - Five (5) callouts for Fiber and Power conduit updated to say "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT."*
- Page 15 of 17, ELECTRICAL SITE PLAN 26+00.00 TO 42+00.00
  - Legend updated with, "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT. SEE RISER DIAGRAM FOR POWER CONDUIT SIZING."*
  - Six (6) callouts for Fiber and Power conduit updated to say "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT."*
  - Included callout for *"SEQUENCE/CIRCUIT 3 BEGINS"*
  - Included callout for *"SEQUENCE/CIRCUIT 4 BEGINS"*
- Page 16 of 17, ELECTRICAL SITE PLAN 42+00.00 TO 43+16.10
  - Legend updated with, "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT. SEE RISER DIAGRAM FOR POWER CONDUIT SIZING."*
  - One (1) callout for Fiber and Power conduit updated to say "*1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT."*
- Page 17 of 17, RISER DIAGRAM SHEET
  - Added RISER DIAGRAMS

ATTACHMENT A
CONTRACT DOCUMENTS
(SELECTED SECTIONS)

Project No. 2025-2045-01

Lighting for Japanese Gardens and Segment 1 of the Three Mile Creek Greenway Trail

for

The City of Mobile

July 2025

ITEM III
PROPOSAL

TO: Honorable Mayor
City of Mobile
Mobile, Alabama

Date _____

The undersigned, as Bidder, hereby declares that he has examined the site of the work and is fully aware of conditions pertaining to the place where the work is to be done. The Bidder also declares that he has carefully examined the Instructions to Bidders, the General Conditions of the Specifications as proposed by City of Mobile Programs and Project Management Department and the drawings, as well as the premises and the conditions affecting the work to be performed:

Project Name:	**Lighting for Japanese Gardens and Segment 1 of the Three Mile Creek Greenway Trail**
Project No:	**2025-2045-01**
Project Description:	**This work shall consist of furnishing and installing the lighting system for the Japanese Gardens Trailhead and Segment 1 of the Greenway Trail in the City of Mobile, AL.**

Major work items include: **Pedestrian Lighting**

The Bidder further agrees to construct the improvements in ***60*** working days.

The Bidder proposes and accepts the Articles of Agreement with the City of Mobile, Alabama to furnish all necessary materials, equipment, tools, machinery, means of transportation, and labor to complete the construction of the project.

All work performed under this contract shall be in accordance with the State of Alabama Highway Department Standard Specifications for Highway Construction, 2022 Edition, with all latest additions and modifications by the Engineering Department for the City of Mobile, or as amended herein.

The quantities for bid items listed on the proposal sheets are estimated quantities. **The Contractor shall install conductor wires and conduit sized according to the Riser Diagram plan sheet. A newly established power service location is required and is identified in the proposal's plans.** Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished in accordance with the contract. The scheduled quantities of work to be done and materials to be furnished may each be increased, decreased or omitted as herein provided.

No interpretations of the meaning of the plans, specifications or other bid documents will be made to any bidder orally. Any request for such interpretation should be in writing, addressed to ***City of Mobile Programs and Project Management, 2nd Floor, Attn: Steve Ogburn, 205 Government Street, Mobile AL 36602***. In order to receive consideration, the request must be received before 12pm on August 1, 2025. Any such interpretation and any supplemental instructions will be mailed or delivered to all prospective bidders.

DATE

BASE BID SHEET
Project No. 2025-2045-01
THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1
& JAPANESE GARDENS PARKING LOT LIGHTING
ITEMS FOR BID

ITEM NO.	BID QTY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	BID UNIT PRICE	BID AMOUNT
210D-000	50	**BORROW EXCAVATION (UNDERWATER BACKFILL)** For _____ Dollars And _____ Cents **per CUBIC YARD (TRUCKBED MEASURE)**	$	= $
600A-000	1	**MOBILIZATION** For _____ Dollars And _____ Cents **per LUMP SUM**	$	= $
620A-000	8	**MINOR STRUCTURE CONCRETE** For _____ Dollars And _____ Cents **per CUBIC YARD**	$	= $
625A-100	2	**SEEDING (NATIVE SEED MIX)** For _____ Dollars And _____ Cents **per ACRE**	$	= $
650A-000	200	**TOPSOIL (4" COMPACTED THICKNESS)** For _____ Dollars And _____ Cents **per CUBIC YARD**	$	= $
654A-005	200	**SOLID SODDING (EMERALD ZOYSIA)** For _____ Dollars And _____ Cents **per SQUARE YARD**	$	= $
656A-010	2	**MULCHING** For _____ Dollars And _____ Cents **per ACRE**	$	= $
665Q-002	300	**WATTLE** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
674A-000	500	**CONSTRUCTION SAFETY FENCE** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $

DATE

BASE BID SHEET
Project No. 2025-2045-01
THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1
& JAPANESE GARDENS PARKING LOT LIGHTING
ITEMS FOR BID

ITEM NO.	BID QTY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	BID UNIT PRICE	BID AMOUNT
729I-701	5635	**CONDUCTOR, 6 AWG (XHHW-2)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
729I-702	15615	**CONDUCTOR, 4 AWG (XHHW-2)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
729I-703	21265	**CONDUCTOR, 2 AWG (XHHW-2)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
729J-024	15	**ITS CABINET (POLE MOUNT)** For _____ Dollars And _____ Cents **per EACH**	$	= $
729J-016	1	**NETWORK CABINET HUB** For _____ Dollars And _____ Cents **per EACH**	$	= $
740B-000	50	**CONSTRUCTION SIGNS** For _____ Dollars And _____ Cents **per SQUARE YARD**	$	= $
740E-000	50	**CONES** For _____ Dollars And _____ Cents **per EACH**	$	= $
750B-001	42	**LIGHT POLE (CONCRETE DIRECT BURIAL)** For _____ Dollars And _____ Cents **per EACH**	$	= $
750B-002	42	**LED LIGHT FIXTURE WITH MOUNT** For _____ Dollars And _____ Cents **per EACH**	$	= $
750D-001	1	**JUNCTION BOX (TYPE 1 JB)** For _____ Dollars And _____ Cents **per EACH**	$	= $

DATE

BASE BID SHEET
Project No. 2025-2045-01
THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1
& JAPANESE GARDENS PARKING LOT LIGHTING
ITEMS FOR BID

ITEM NO.	BID QTY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	BID UNIT PRICE	BID AMOUNT
750D-002	22	**HAND HOLE (TYPE 2 JB)** For _____ Dollars And _____ Cents **per EACH**	$	= $
750E-113 (a)	3550	**CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SDR 11 FIBER CONDUIT) (COLOR VARIES)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
750E-113 (b)	1195	**CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (SCH 80 POWER CONDUIT) (COLOR VARIES)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
750E-115	1630	**CONDUIT, 2 INCH, RIGID NONMETALLIC (SCH 80 POWER CONDUIT) (COLOR VARIES)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
750E-116	1920	**CONDUIT, 2 1/2 INCH, RIGID NONMETALLIC (SCH 80 POWER CONDUIT) (COLOR VARIES)** For _____ Dollars And _____ Cents **per LINEAR FEET**	$	= $
750I-015	1	**LIGHTING CONTROL CENTER (LCC)** For _____ Dollars And _____ Cents **per EACH**	$	= $
750H-005	1	**SERVICE POLE (WOOD)** For _____ Dollars And _____ Cents **per EACH**	$	= $

TOTAL BASE BID	**For _____ Dollars And _____ Cents**	**= $**

ALL ITEMS SHALL BE CONSIDERED IN-PLACE. PRICES SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND REMOVALS AS REQUIRED FOR CONSTRUCTION OF THE REQUIRED WORK

COMPANY _____

SIGNATURE _____

DATE _____

TOTAL PROJECT BID

Total (All Items Listed in Proposal) _____

Written in words _____

Number of working days to complete project: 60 days _____

Signature of Bidder _____
(If a firm or individual)

Address of Bidder _____

By _____

Signature of Bidder_____
(If a Corporation)

By _____ Business Address_____
President

_____ Business Address _____
Secretary

_____ Business Address_____
Treasurer

(Corporate Seal)

Name of State under the Laws of which the Corporation was chartered:

ATTEST: _____
Secretary

_____
State License Number

Corporate Seal

NOTE: PROVIDED THE BID BOND ON THE FOLLOWING TWO PAGES IS PROPERLY EXECUTED IN THE CONTRACTOR'S NAME, SIGNED BY AN AUTHORIZED OFFICER OF THE CONTRACTOR CORPORATION (OR INDIVIDUAL OR PARTNER, WHEN NOT A CORPORATION), THE SAME MAY MAKE THE FOREGOING CERTIFICATIONS BY SIGNING BEFORE A PROPERLY SWORN NOTARY PUBLIC. THE CERTIFICATIONS MUST BE PROPERLY SWORN TO, SIGNED AND NOTARIZED BELOW.

Signature of Contractor. If the contractor is an **INDIVIDUAL**, signature of the individual is required; if contractor is a **CORPORATION**, signature of proper corporate officer is required; if contractor is a **PARTNERSHIP**, signature of partner is required; if contractor is **JOINT VENTURE**, appropriate signatures of all contractors are required.

Legal name of Contractor:

_____

(Partnership, Joint Venture, Corporation or Individual)

By:_____

(Signature of Officer or Individual, as applicable)

By:_____

IF JOINT VENTURE (Signature of Officers or Individual, as applicable)

The foregoing certifications are sworn to and subscribed before me on this

_____day of_____, 20_____.

_____

NOTARY PUBLIC

AWARD WILL NOT BE CONFERRED UNLESS THIS FORM IS COMPLETED AND SIGNED AND WITNESSED BY A NOTARY.

ITEM IX
ARTICLES OF AGREEMENT

STATE OF ALABAMA)
COUNTY OF MOBILE)
CITY OF MOBILE)

(Executed in Quintuplicate)

(1) THIS AGREEMENT made and concluded this _____ day of _____, 2024, by and between the CITY OF MOBILE, ALABAMA, by its Mayor duly authorized party of the first part, and_____, party of the second part.

WITNESSETH: That the said party of the second part has agreed and by these present does agree with the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date with these presents and hereunto annexed, to furnish at their/his own proper cost and expense, all the necessary materials, equipment and labor, of every description and to carry out and complete in a good, firm and substantial manner the following:

Project Name: **Lighting for Japanese Gardens and Segment 1 of the Three Mile Creek Greenway Trail**

Project No: **2025-2045-01**
Project Description: **This work shall consist of furnishing and installing the lighting system for the Japanese Gardens Trailhead and Segment 1 of the Greenway Trail in the City of Mobile, AL.**
Major work items include: **Pedestrian Lighting**

City Project 2025-2045-01, all complete in place with all appurtenances for the consideration of unit prices set forth in CONTRACTOR's Proposal (estimated to total $_____) in strict accordance with this contract. The advertisement, proposal, special provisions, plans and specifications are all made a part of this agreement.

ALDOT:
(2) Wherever the word "ALDOT" is used, it shall refer to the Alabama Department of Transportation.

CITY:
(3) Wherever the word "CITY" is used, it shall refer to the City of Mobile, Alabama.

COUNCIL:
(4) Whenever the word "COUNCIL" is used in the Specifications, it shall refer to the governing body of the City of Mobile, Alabama, the party of the first part of the Agreement.

CONTRACT:
(5) Whenever the word "CONTRACT" is used it shall be held to mean the executed documents comprising the written agreement between the City of Mobile and the Contractor setting forth the obligations of the parties hereunder for the performance of the prescribed work. The Contract includes the invitation for bids, proposal, contract forms and contract bonds, specifications, supplemental specifications, special provisions, general and detailed plans, these Articles of Agreement, notice to proceed, and any change orders that are required to complete the construction of the work in an

acceptable manner, including authorized extensions thereof, and such other documents as by law or references are made a part thereof, all of which constitute one instrument.

CONTRACTOR:

(6) Whenever the word "CONTRACTOR" is used it shall be held to mean any individual, corporation, partnership, or other entity selected to perform any or all construction services. The contractor shall be eligible to bid Alabama Department of Transportation projects at the time of the prebid conference to be considered a valid bidder for this project.

CITY TRAFFIC ENGINEER:

(7) Whenever the word "CITY TRAFFIC ENGINEER" is used, it shall refer to the CITY TRAFFIC ENGINEERING DIRECTOR for the City of Mobile or his appointed assistants.

ENGINEER:

(8) The engineering company assigned to perform construction engineering and construction inspection services for this project. The engineering company so assigned to this project will be determined at a later date**.**

LOCAL PUBLIC AGENCY (LPA):

(9) Whenever the acronym “LPA” is used, it shall refer to the City of Mobile, who is the Local Public Agency.

AUTHORITY OF THE CITY TRAFFIC ENGINEER:

(10) The CITY TRAFFIC ENGINEER will decide all questions which may arise as to the quality and acceptability of materials furnished and work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the plans and specifications; all questions as to the acceptable fulfillment of the contract on the part of the CONTRACTOR.

The CITY TRAFFIC ENGINEER shall have the authority to withhold further payment or to suspend the work wholly or in part due to failure of the CONTRACTOR to correct conditions unsafe for the workmen or the general public; failure to carry out provisions of the contract; failure to carry out orders; for such periods as he may deem necessary due to unsuitable weather; for conditions unsuitable for prosecution of the work; or for any other conditions or reason deemed to be in the public interest.

DUTIES OF THE CONTRACTOR:

(11) The work performed under this contract and agreement shall be in strict compliance with the "State of Alabama Highway Department Standard Specifications for Highway Construction”, 2018 Edition, with all latest additions and modifications by the Engineering Department of the City of Mobile and with the plans on file in the office of the CITY TRAFFIC ENGINEER or as noted herein.

ARBITRATOR:

(12) Both parties to this contract hereby agree that the CITY TRAFFIC ENGINEER shall act as referee in all questions and disputes arising under the terms of this Contract between the parties thereto and that the decision of the CITY TRAFFIC ENGINEER in all such cases shall be final.

STANDARD SPECIFICATIONS:

(13) Whenever the word "STANDARD SPECIFICATIONS" is used, it shall refer to State of Alabama Department of Transportation Standard Specifications for Highway Construction, 2018 edition, with all latest additions and modifications by the Engineering Department of the City of Mobile, a copy of which is on file in the office of the CITY TRAFFIC ENGINEER.

WAGE SCALE:

(14) The CONTRACTOR will be required to pay the prevailing wage rates for this district that are applicable to the trades engaged in the several different lines of work.

APPOINTMENT AND AUTHORITY OF INSPECTORS:

(15) The CITY TRAFFIC ENGINEER may appoint such inspectors, assistants, or representatives as he deems necessary, and they shall be granted full access to the work and to the mills and factories in which material is being prepared for use under the contract.

Inspectors will be authorized to inspect all work done and materials furnished. Such inspection may extend to all or any part of the work and to the preparation, fabrication or manufacture of the materials to be used. The inspector will not be authorized to alter or waive the provisions of this contract. The inspector will not be authorized to issue instructions contrary to the plans and specifications, or to act as foreman for the CONTRACTOR; however, he shall have the authority to reject work or materials until any questions at issue can be referred to and decided by the CITY TRAFFIC ENGINEER.

The CITY ENGINEER reserves the right to require replacement of any inspector considered to be unqualified for the work.

INSPECTION:

(16) Inspection and acceptance of materials and construction during the progress of the work shall not relieve the CONTRACTOR from any of the obligations assumed under this contract to furnish materials and to perform work strictly in accordance with its terms, and any work in accordance therewith (although overlooked and passed), shall be made good and inferior materials shall be removed and replaced with proper materials upon the demand of the CITY TRAFFIC ENGINEER at any time prior to the completion of the work and its acceptance by the CITY TRAFFIC ENGINEER.

INCOMPETENT EMPLOYEES TO BE DISCHARGED:

(17) If the work of any person employed by the CONTRACTOR should appear to the CITY TRAFFIC ENGINEER to be incompetent or disorderly, he shall be immediately discharged upon the request of the CITY TRAFFIC ENGINEER.

CHANGES AND EXTRA WORK PRECAUTIONS TO PREVENT ACCIDENT:

(18) Should the COUNCIL deem it proper or necessary in the execution of the work to make any alterations, which shall increase or diminish the quantities or the expense, such alterations or reductions shall not validate or annul the contract or agreement hereby entered into. The said COUNCIL shall determine the value of the work to be added or omitted; such value to be added to or to be deducted from the contract price as the case may be.

No claim whatever shall be made by the CONTRACTOR for extra materials or work, or for a greater amount of money than is herein stipulated to be paid, unless some changes in or additions to said work requiring additional outlay by the CONTRACTOR shall first have been ordered, in writing, by the said COUNCIL on application of the CITY TRAFFIC ENGINEER. Said writing will be attached to the contract for the making of said improvements, stating that such work is not included in the contract, what the extras are and that such are necessary for the proper completion of the work, or for the security of the work previously done and the reason therefor.

RESPONSIBILITY FOR ACCIDENTS:

(19) The CONTRACTOR covenants to and shall defend, hold harmless, indemnify and exonerate the CITY and any of its officers, directors and employees of and from any and all claims, demands, liability, losses, damages, suits and/or judgments, whether frivolous or otherwise of any character, arising out of, or connected with, the work covered by this contract, regardless of how it may

be caused. The CONTRACTOR shall be responsible for providing the City of Mobile and any of its officers, directors, and employees a defense and paying all costs of defending it and investigating said claims, including attorney's fees and expenses.

WORK TO BE PROSECUTED AS DIRECTED:

(20) All work shall be done according to the direction of the CITY TRAFFIC ENGINEER or his authorized assistant.

GENERAL COMPLIANCE WITH LAWS:

(21) The Contractor shall comply with the provisions of the labor laws, state laws and federal and local statutes, ordinances and regulations that are applicable to the performance of this Agreement, and procure all necessary licenses and permits.

SUSPENSION OF WORK:

(22) If, in the opinion of the CITY TRAFFIC ENGINEER, during the progress of the work the conditions of the weather make it inexpedient or hazardous to proceed with the same, or if the public need seems to demand a temporary suspension, prosecution of the project shall cease for such a period as the CITY TRAFFIC ENGINEER may direct in writing. No allowance will be made to the CONTRACTOR for damages alleged to have been sustained on account of such suspension of the work. The period of such cessation shall be determined and recorded by the CITY TRAFFIC ENGINEER and shall be added to the time herein specified for the completion of the work. It is further agreed that in case of any legal obstruction or injunction affecting the prosecution of the work, such delay shall extend the time of completion of such part or parts of the work as obstructed and delayed for the length of time the obstruction continued and no longer. No damages shall be claimed or allowed the CONTRACTOR by reason of such unavoidable delay.

DELAYS:

(23) Delay in completion or the acceptance of any portion of the work shall not be deemed or construed as a waiver of any of the rights of the CITY under this contract, or to prevent the abrogation of this contract on account of the violations of its terms or the enforcement and collection of any just claim for loss or damage sustained by the CITY by reason thereof. Should delay arise by reason of the neglect or inability of the CONTRACTOR to prosecute the work or to furnish materials to the extent that, in the opinion of the CITY TRAFFIC ENGINEER, it becomes necessary to insure the completion within the limit of time specified to this contract, the CITY TRAFFIC ENGINEER shall serve a warning to the CONTRACTOR requiring him to provide the means or material to insure the completion of work. Should such warning be disregarded to the extent that unnecessary and unreasonable delay is likely, in the opinion of the CITY TRAFFIC ENGINEER, to ensue, the CITY TRAFFIC ENGINEER shall notify the COUNCIL of such fact. Should said COUNCIL so elect, the CITY may complete the contract using for such purpose all materials and tools found upon the work site and belonging to the CONTRACTOR. The COUNCIL shall assess the cost of such work against the sum, which would have been due under this contract.

COMMENCEMENT AND COMPLETION:

(24) The work shall commence within ten (10) days from the date specified in a Notice to Proceed Order to be issued to the Contractor by the Council, or its authorized representative, and shall be completed within the number of working days indicated in this Proposal, following the commencement date stipulated in said Notice to Proceed Order. In the event the Contractor should fail to complete the work within the time specified herein, the Contractor shall pay the Council, as liquidated damages, the amount specified in Section 108 of the Standard Specifications for each working day beyond the required date of completion.

ESTIMATE:

(25) In making partial payments to the CONTRACTOR, the CITY shall retain no more than five percent (5%) of the estimated amount of work done, the value of materials stored on the site (if applicable), and the value of materials suitably stored and insured off-site (if applicable). Following fifty percent (50%) completion, no further retainage shall be withheld.

FINAL ESTIMATE:

(25) Upon the final completion of the work according to the terms of these Articles of Agreement, the Engineer shall inspect all work and materials not previously accepted and returned, and shall render to the City Engineer and the Contractor a semi-final estimate of all work performed and materials furnished. A FINAL estimate, containing only the retainage due to the CONTRACTOR, shall then be prepared by the ENGINEER and rendered to the CITY and CONTRACTOR. Upon receipt of the Engineer's certification of project completion, the City Engineer shall inspect the work and, if satisfactory, shall pay or cause to be paid to the Contractor the final estimate, under the terms of these Articles of Agreement.

Prior to issuance of the FINAL ESTIMATE, the Contractor shall furnish, to the Engineer, the following documents:

- The Contractor must publicly advertise the Notice of Completion a minimum of once a week for four consecutive weeks and submit proof of advertising publication, original form with notary seal, as required by Section 39-2-12 of the 1975 Code of Alabama.
- The Contractor must execute copies of Contractor's Affidavit of Payment of Claims and Debts.
- The Contractor must have his/her surety execute copies of Consent of Surety to Final Payment.
- The Contractor must furnish a letter on his letterhead acknowledging that acceptance of final payment by the Contractor constitutes a waiver of all claims, present or future, in connection with this project.
- The Contractor must furnish a written guarantee on his letterhead covering all defects in material and workmanship for a period of one (1) year commencing on the date of final acceptance.
- The Contractor must provide a Maintenance Agreement for the grassing for up to one (1) year from the date of final acceptance.
- The Contractor must provide a City of Mobile DBE Utilization Report summarizing DBE participation to include the name of the DBE firm, address, telephone number and amount paid. If there was no DBE participation on the project, this report must summarize the reasons why and document any attempts made to secure DBE participation.

Upon successful completion of these documents, payment of the FINAL ESTIMATE shall be made to the Contractor.

E-VERIFY:

(27) By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate Federal Immigration Law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

The CONTRACTOR shall insure that all subcontractors under his employment for this project shall participate in the e-verify program. The CONTRACTOR shall be responsible for having each subcontractor sign the enclosed e-verify form. Any subcontractor found to be in violation of this provision shall cause the CONTRACTOR to be in breach of the agreement and the CONTRACTOR shall be responsible for all damages resulting therefrom.

PROHIBITION OF BOYCOTTING:

(28) By signing this contract, the CONTRACTOR represents and agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

NONDISCRIMINATION CLAUSE:

(29) The CONTRACTOR shall comply with all Federal, State and local laws concerning nondiscrimination, including but not limited to City of Mobile Ordinance No. 14-034 which requires, *inter alia*, that all contractors performing work for the City of Mobile not discriminate on the basis of race, creed, color, national origin or disability, require that all subcontractors they engage do the same, and make every reasonable effort to assure that fifteen percent of the work performed under contract be awarded to socially and economically disadvantaged individuals and business entities.

SIGNATURE:

IN WITNESS WHEREOF, the parties to these present have hereunto set their hand and seal the day and year first above written; the City of Mobile by its Mayor acting under and by virtue of the authority in him vested and the Contractor by such duly authorized officers or individuals as may be required by law.

CITY OF MOBILE

BY:_____
ITS MAYOR

ATTEST:

BY: _____
CITY CLERK

CONTRACTOR:

_____
AN INDIVIDUAL

WITNESSES:

_____

_____
CONTRACTOR: (IF CORPORATION)

BY:_____
ITS PRESIDENT

ATTEST:

_____

CORPORATE SEAL

ITS SECRETARY

_____
DATE

Attachment "E"

Material Specifications and Drawings

CITY OF MOBILE
SPECIFICATIONS FOR GREENWAY TRAIL SEGMENT (1) LIGHT POLE & LUMINAIRE STANDARDS
June 2025

I. General

This work shall consist of furnishing and installing the lighting system for Segment 1 of the Greenway Trail in the City of Mobile, AL. The following are the requirements for prestressed, spun-cast concrete light poles with gallery style luminaires to meet the standards established within the Greenway Trail Program. The light pole shall consist of a one-piece round tapered pole designed for direct burial foundations. The luminaire shall be a gallery style fixture with 100-W capability.

II. Materials

Materials shall meet the requirements given in Section 889 of ALDOT specifications. Prior to purchasing materials, and within 30 days after the issuance of the "Notice to Proceed", the Contractor shall submit seven copies of a complete descriptive list of all materials (wiring, conduits, boxes, mounting hardware, power control devices, luminaires, luminaire poles, etc.) to the Engineer. The submittal shall also include seven copies of "catalog cutouts" or published data sheets for each item on the list. Incomplete or inaccurate submittals will be returned to the Contractor for revision and resubmittal. Partial lists may be considered if prior approval for the submittal of a partial list is approved in writing by the Engineer. Materials shall not be installed prior to approval. The City will not be liable for materials purchased, work performed, or any delay incurred due to the failure of the Contractor to secure prior approval. Failure of the Engineer to note unsatisfactory material as received at the job site will not relieve the Contractor of the responsibility of furnishing the required material.

III. Construction Requirements

(a.) All work shall be done in accordance with the requirements given in the current edition of the National Fire Protection Association "NFPA 70, "National Electrical Code" (NEC) and the regulations and standards of the power company providing service.

(b.) The Contractor responsible for the performance of the work shall be licensed as a General Contractor authorized to perform electrical work by the Alabama State Licensing Board for General Contractors. At least one out of every three persons in each work crew shall be a Journeyman licensed by the Alabama Electrical Contractors Board. Journeymen shall be present and shall have direct involvement with all work required for the installation and operational testing of electrical materials and equipment. The Journeymen shall also possess an IMSA (International Municipal Signal Association) Roadway Lighting Level 1 Certification. The Contractor shall submit copies of the General Contractor license, Journeyman licenses and IMSA certifications to the Engineer as a part of the submittal of the list of materials proposed for

installation. Work shall not begin on the installation of electrical materials or equipment until copies of the licenses and certifications have been approved by the Engineer.

(c.) Electrical Power

The entity (City, County, State, etc.) that will be responsible for the eventual operation and maintenance of the roadway lighting system will make application for electrical service upon notification that power service will be required. The Contractor shall inform the Engineer when power service is required at least 30 calendar days prior to the need of the power service. This same entity will be responsible for the cost of the service connection and the monthly service billings thereafter.

(d.) General Conduit System Installation Requirements

Conduit shall be installed in accordance with the details shown on the plans or as directed by the Engineer. Rigid Nonmetallic Conduit (RNC) may be installed as a substitute for Nonmetallic Underground Conduit with Conductors (NUCC) if it is the same size and schedule as the NUCC. Conduit routing shown on the plans is diagrammatic only. Actual routing shall be in the most prudent manner as approved by the Engineer. Underground conduit depth shall be 24 inches {600 mm}, minimum, unless shown otherwise on the plans. All conduit ends (except NUCC and HDPE) shall be put together in couplings to form a smooth raceway for cables. Bushings and duct sealant shall be installed at all conduit terminations to protect the insulation of the conductors and to prevent debris from entering the conduit. Conduits shall be joined by approved methods prescribed by the manufacturer of the conduit. When conduit is installed for future use, the ends of the conduit shall be capped with a fitting listed for this purpose to prevent water and other foreign matter from entering the conduit system. The Contractor shall seed and mulch disturbed areas as directed by the Engineer. The seeding and mulching of disturbed areas shall be a subsidiary obligation of the conduit installation. Before beginning excavation, the Contractor shall determine the location of all utilities in the vicinity. Utilities shall not be damaged during construction. Conduit shall be located to avoid potential conflict with the future installation of guardrail, signposts, and other equipment and devices. A minimum of 12 inches {300 mm} clearance shall be provided between the finished lines of conduit runs and existing underground utilities. Where the underground conduit run is adjacent to concrete walls, piers, footings, etc., a minimum of 4 inches {100 mm} of undisturbed earth or firmly compacted soil shall be maintained between the conduit and the adjacent concrete. Unless shown otherwise on the plans, trenches shall not be excavated in existing pavement or paved shoulders to install conduit. When it is necessary to place conduit under an existing pavement, the conduit shall be installed in accordance with the requirements given in Section 756 of ALDOT specifications. Unless approved otherwise by the Engineer, trenches shall not remain open after normal work hours each day. Liquid Tight Flexible Metal Conduit (LFMC) or Liquid Tight Flexible Non-metallic Conduit (LFNC) as shown on the plans or directed by the Engineer shall be installed where conduits cross an expansion or open joint on bridges, barrier rails or structure. The LFMC or LFNC shall be 36 inches {900 mm} in

length and shall have a sag of not more than 3 inches {75 mm} between the fixed ends of the rigid conduit.

(e.) Nonmetallic Underground Conduit with Conductors

Nonmetallic Underground Conduit with Conductors (NUCC) shall be installed in accordance with the manufacturer's recommendations. If plowing is proposed for the installation of the NUCC, the manufacturer's recommended installation practices shall be submitted to the Engineer prior to beginning the installation. If the Engineer is not satisfied with the Contractor's performance and knowledge once installation begins, the Contractor shall arrange for a manufacturer's representative experienced in plowing methods to be at the jobsite until the Engineer determines that the Contractor is capable of properly installing the NUCC. If rock or other obstructions hinder plowing operations, the Engineer may require that conductor routes be pre-ripped to locate rock or hidden obstructions. Obstructions may be removed or the conductors routed around them as approved by the Engineer. If the "Plow Pulling" method is used, the plow operator shall have an acceptable method to insure that the manufacturer's recommended maximum tensile force on the NUCC is not exceeded. If at any time the Engineer determines the installation is not in full compliance with the intent of the manufacturer's recommended practices, the operation shall stop until a manufacturer's representative can further instruct the Contractor's personnel in the deficient areas. If the "Chute Plowing" method is used, special attention shall be given to the conductor feed chute dimensions.

(f.) Conductor Installation

1. Splices and Taps in Conductors. Splices and taps in conductors shall only be made in junction boxes and pole bases. They shall be made with solderless split bolt connectors. Splices and taps shall be protected in sealed in silicone gel filled enclosures to provide a waterproof connection and to ensure the required electrical insulation. Silicone gel filled enclosures shall be re-enterable; shall be UV resistant, listed for temperatures from -40 °C to 90 °C; and shall be impact and abrasion resistant. The enclosure shall be sized as shown: Conductor Size Gel Enclosure Size #4 AWG and smaller #2 #2 AWG #2.5 or Mini-wedge Larger than #2 AWG #3.

2. Pulling Conductors into Conduit. Conductors shall not be pulled into a conduit until the installation of the conduit is complete. Conductors in conduits shall be carefully pulled into place using approved methods so that conductors will not be damaged. Powdered soapstone, talc, or other inert lubricant specifically designed for the purpose shall be used when pulling conductors through the conduit. All conductors within a single conduit shall be pulled at the same time and shall be handled and installed in such a manner as to prevent kinks, bends or other distortion which could damage the conductor and outer covering. When conductors are pulled through hand holes, pole shafts, etc., a pad of firm rubber or other suitable materials shall be placed between the conductors and the edges of the opening to prevent damage to the conductors.

(g.) Grounding and Foundations

All poles and enclosures containing electric wires and/or equipment shall be grounded. Exothermic welds or other approved connectors shall be used to connect the grounding conductor to the ground rods. A continuous grounding conductor, either bare or having a green colored insulation, shall be extended from the service ground to all equipment and shall be used for grounding purposes only. Foundations for the direct burial poles specified are to follow manufacturer recommendations for burial depths and needed soil treatments depending on the soil types present along the limits of the referenced project.

(h.) Installation of Luminaire Poles

Luminaire poles shall be installed in a vertical position. Erection shall be accomplished carefully to prevent marring the finish or otherwise damaging the pole. A screen made from 1/4 inch {6.4 mm} mesh galvanized wire cloth shall be fabricated and inserted in the pole base to prevent rodents, etc. from entering the pole. Backfill for direct burial fiberglass poles shall be as recommended by the pole manufacturer. Care shall be taken to assure the bracket arm is properly aligned.

(i.) Installation of Luminaires

The light control surfaces and glassware shall be cleaned after installation. Cleaning shall be performed in accordance with the luminaire manufacturer's recommendations. Luminaires shall be leveled, plumbed, and installed as per the manufacturers recommendations to achieve the most suitable light pattern. The Contractor shall verify that the lamp socket is in the proper position to produce the optimum lighting pattern for each luminaire, not to just meet the minimum. Each luminaire shall be adjusted to provide the most effective light pattern as directed by the Engineer after installation.

(j.) Testing Insulation

The insulation of all lighting circuits will be tested by the Engineer at the load side of the contactors or circuit breakers. These tests shall be made with a 500-volt DC Megger Tester. Any reading of 250,000 ohms to ground or higher is satisfactory. Any reading of less than 250,000 ohms to ground is unacceptable and shall be corrected. The Engineer may conduct additional insulation testing after the completion of the operational testing.

(k.) Ground Resistance Testing

Ground Resistance Testing. The resistance to ground will be tested by the Engineer at each lighting control center. The test will be conducted using a null balance earth tester with auxiliary ground rods placed 50 feet {15.24 m} and 100 feet {30.48 m}, respectively, from the tested ground rod. A reading of 25 ohms or less is satisfactory. Any reading over 25 ohms will require the installation of additional ground rods to be placed in a pattern as directed by the Engineer. The Engineer may conduct additional ground resistance testing after the completion of the operational testing.

(l.) Operational Testing of the System

The Contractor shall perform full operational testing of the completed lighting system after the completion of the installation of all equipment and materials, including all miscellaneous items of work required for the complete lighting system. The operational testing will not begin until the testing of the insulation, resistance to ground, and luminaire lowering devices has been completed and accepted by the Engineer. The Engineer will set the date that the operational testing will begin. The Contractor shall provide all installation and operational instructions for all lowering devices before the operational testing of the system will be allowed to begin. An operational test shall be the full operation of all components of the lighting system for a period of 30 calendar days. During this test period the Contractor shall perform all necessary adjustments (including re-aiming of luminaires) and replace all malfunctioning parts of the equipment required to place the system in a fully operational condition. Extra compensation will not be given for adjustments, maintenance, repairs and replacements during the test period. The initial test period will be suspended as directed by the Engineer during the time that the entire lighting system is not in full operation. The 30 calendar day operational test period shall be restarted or repeated if required by the Engineer due to repeated failure of the lighting system. The Engineer will perform a final inspection of the lighting system at the completion of the operational testing. If all items of work in the contract have been completed, the Engineer will suspend contract time charges during the operational testing. Upon completion of the operational testing, field tests may be conducted by the Engineer to verify that the required lighting levels and uniformity ratios are being provided. Any adjustments to the lighting system necessary to meet the design criteria shall be done at the Contractor's expense.

(m.) Warranties, Guarantee and Maintenance

The City shall be protected from any defect in the lighting system by the following:

1. The Contractor shall provide the manufacturers warranties to the City for all electrical and mechanical equipment.
2. The Contractor warrants equipment and guarantees workmanship for satisfactory in-service operation of the electrical and mechanical equipment and related components for a period of one year following the date of completion of the operational check period.
3. Maintenance repair work may be required for long duration contracts. In the case of long duration contracts the Contractor shall perform maintenance repair work on the lighting system (equipment, devices, structures and hardware) from the end of the one year warranty period until the end of contract time charges. Maintenance repair work during this time period will be paid for as "Extra Work" in accordance with the requirements given in Article 109.04.

The City will not make the final payment for work under this Section until the warranties, guaranties and contact information are furnished to the Engineer.

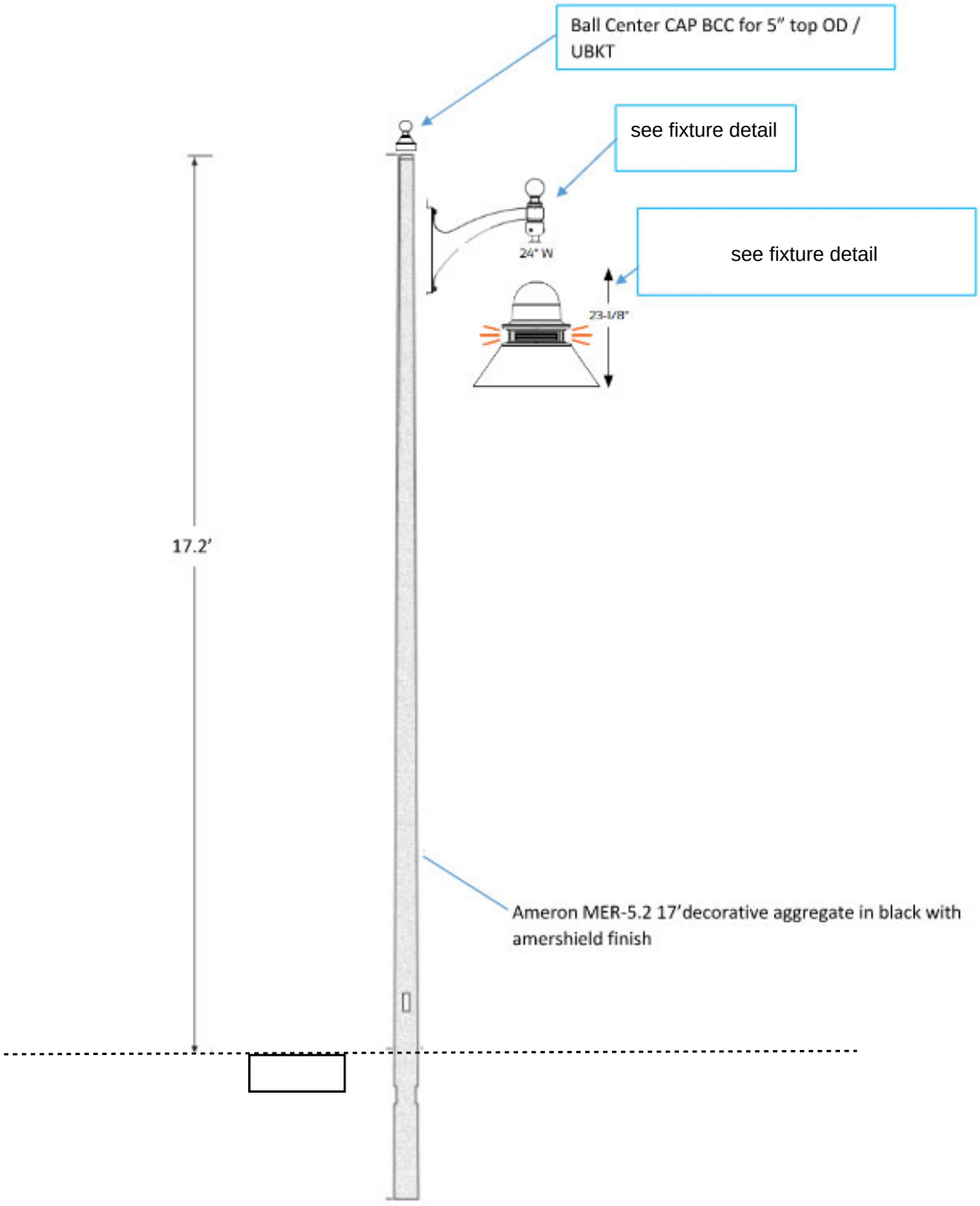
IV. Light pole.

The pole shall be manufactured of prestressed, spun-cast concrete that is centrifugally casted. The round pole shall be 17-feet in height with a nominal 7-7/8”-inch outside bottom diameter at the base and a top pole diameter of 5 1/8”-inch. The poles overall length shall be 22’ to allow for ample burial depth. The pole shall include an access door and tamper proof hex socket security machine screws for fastening to the pole. **The pole shall be a decorative aggregate in black with protective finish (Amershield protective finish or equivalent)**. Each pole will have grounding provisions inside the pole base opposite the access door to accommodate a 1/4-inch ground stud (stud not included). The pole will be capped per manufacturer recommendations.

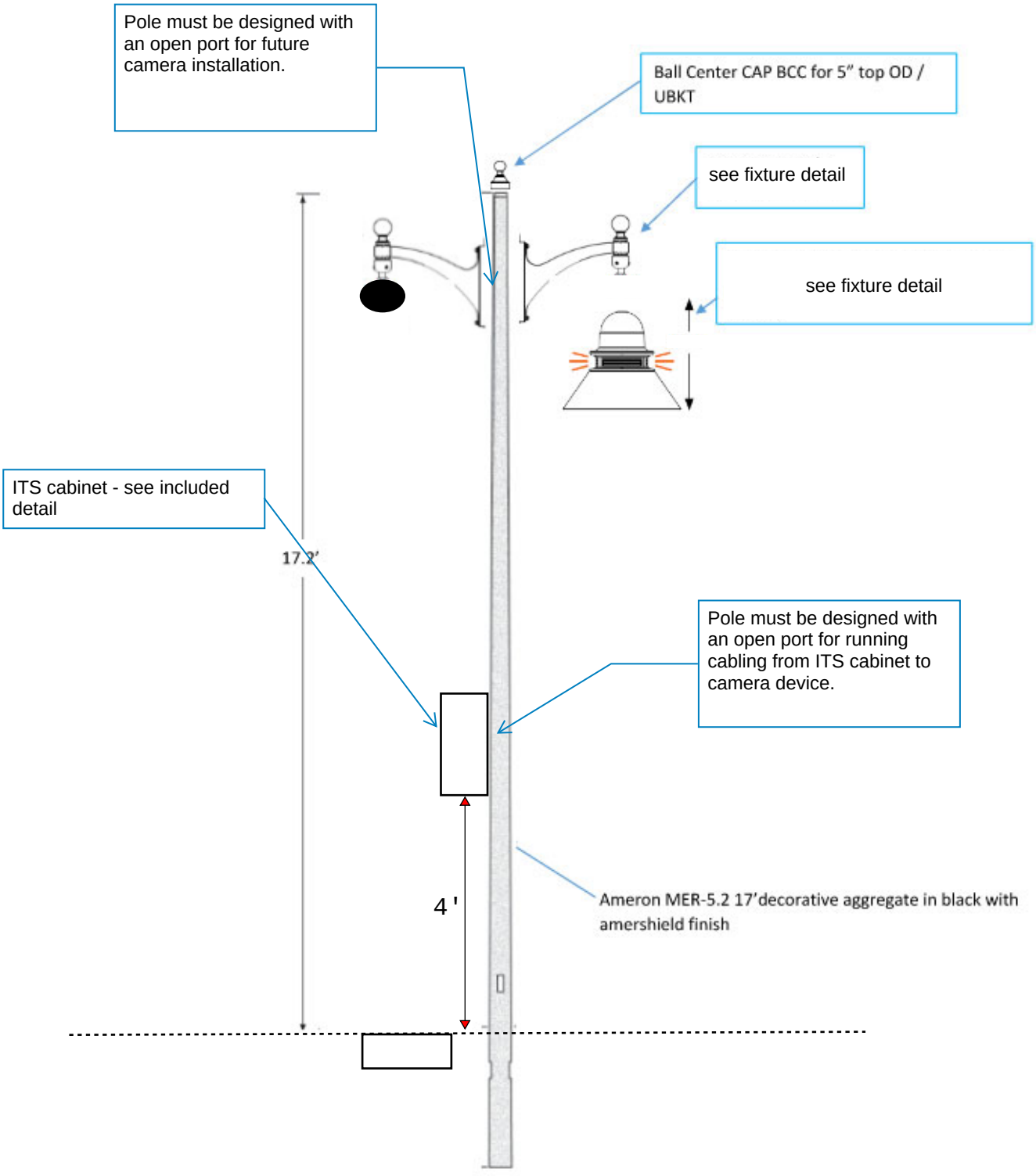
V. Luminaire.

The luminaire shall be a decorative “large gallery” style consisting of glare reducing lenses, permanent molds constructed of aluminum alloy for enhanced corrosion resistance and high tensile strength, and a field replaceable internal LED module with an IP66 rating or better. The luminaire shall be a minimum of 100 W LED fixture, designed for 120-277 volts AC. The electronic driver must be installed integral to the luminaire. The finish shall be black.

Example Illustration Light Fixture Only:

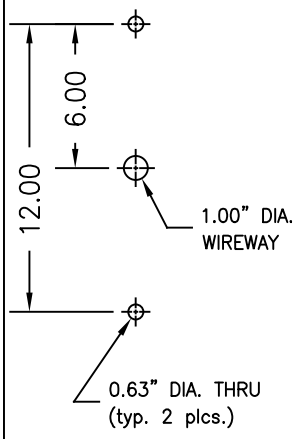


Example Illustration Light Fixture and Security Camera Mount:



Color:
Black

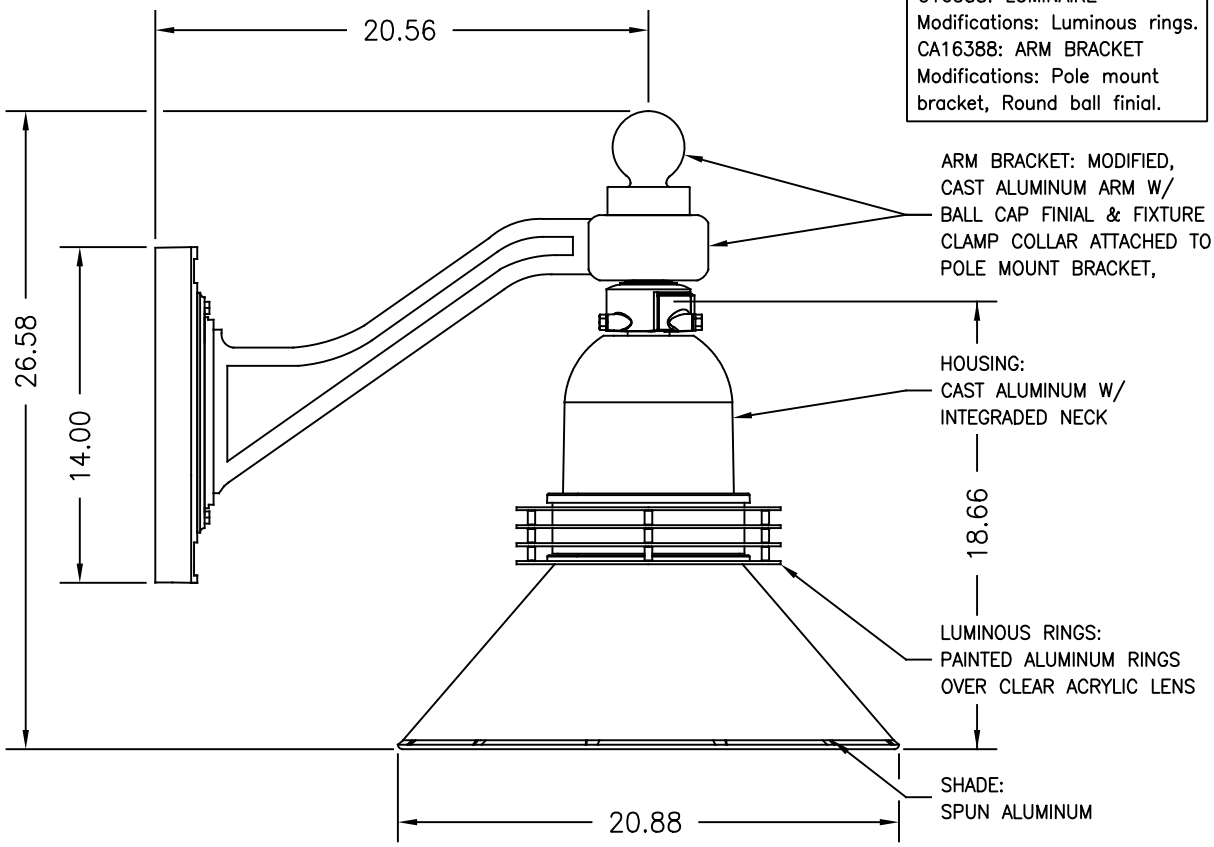
Pole Drilling Detail

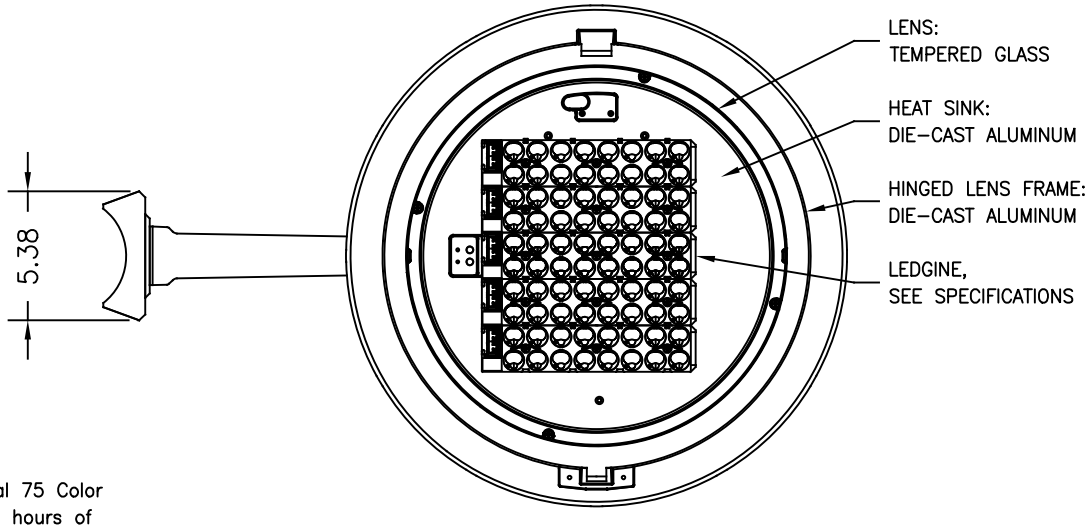


NOTE:
POLE MOUNTING HARDWARE SUPPLIED BY OTHERS.

Ordering Guide

C16388: LUMINAIRE
Modifications: Luminous rings.
CA16388: ARM BRACKET
Modifications: Pole mount bracket, Round ball finial.





LEDgine Specifications:

- 80, 4000K (neutral) LEDs, typical 75 Color Rendering Index (CRI), >100,000 hours of operational life (at 25°C ambient temperature & 70% luman maintenance), injection molded Type 2 optical plates, IP66 rated optical system.
- Integral Advance Xitanium LED driver, class 1, IP66 rated, 530mA, IntelliVolt 120–277 VAC, 50–60 Hz, RoHS compliant, field replaceable 10kV/10kA surge suppression.
- Delivered lumens: 16077, Wattage: 126W.

Luminaire Certifications:

- UL8750 & UL1598 compliant, ETL/cETL listed to U.S. & Canadian safety standards for wet locations, manufactured to ISO 9001:2008 standards.

NOTICE:
This drawing is for reference only. Check for latest revision prior to ordering.

PRODUCT APPROVALS	
HADCO	SDK
CUSTOMER	

400 Crossing Blvd Suite 600
Bridgewater, NJ 08807
www.signify.com

HADCO

JOB NAME: City of Mobile, AL – Japanese Gardens

SCALE:	DATE:	DRAWN BY:	DRAWING NUMBER:
1:8	03/12/25	SMK	C16388–DWG01

REP:	REV:	PCN:
SESCO–Pensacola	A	25–003
	BY: .	DATE: .

Embedded style - information

Catalog Number	Pole Height "A"	Bottom Dia.	Embedded Depth "B"	Overall Length "OL"	Ultimate G.L. Moment (ft. lbs.)	Pole Weight (lbs.)
MER02.6*	8'-8"	7"	3'-2"	11'-1"	7,000	260
MER03.2*	10'-9"	7-1/4"	3'-4"	14'-1"	9,000	320
MER04.3*	14'-0"	8-1/4"	5'-8"	19'-8"	14,000	600
MER05.2*	17'-0"	7-7/8"	5'-0"	22'-0"	14,000	680
MER06	19'-8"	8"	4'-11"	24'-7"	17,440	750
MER07	23'-0"	8-3/8"	4'-7"	27'-7"	19,030	850
MER07.5	24'-7"	8-9/16"	4'-11"	29'-6"	19,910	950
MER08	26'-3"	8-13/16"	4'-11"	31'-2"	20,790	1,050
MER08.5	27'-11"	9"	4'-11"	32'-10"	21,660	1,150
MER09	29'-6"	9-1/4"	5'-3"	34'-9"	22,540	1,200
MERX10	32'-10"	9-3/4"	5'-7"	38'-5"	30,800	1,650
MERX11	36'-0"	11-15/16"	6'-8"	42'-8"	42,200	2,100
MERX12	39'-4"	12-7/16"	6'-7"	45'-11"	47,500	2,500
MERX13	42'-8"	13"	6'-6"	49'-2"	49,300	2,850
MERX13.9	45'-7"	13-1/2"	6'-11"	52'-6"	52,700	3,000

Concrete Pole Specifications Highlighted

Line	Part Family	Product/Description	Plant	Qty
1.0	E-MER05.2	MER05.2 - POLE MED EMB RD 17,MIX 6P BLACK PEBBLESTONE, FINISH: EXPOSED AGGREGATE FINISH, COATING: COATING I AMERSHIELD CLEAR, STRUCTURAL MODS: DCI MOD CORROSION INHIBITOR MIX MODIFICATION, CAST IN MODS SINGLE SIDEMOUNT , CVR HH 66516E 90 CURV 1-5/8X7 AL, STANDARD (STD) DOOR SCREW,, FE MOD POLE BASE PREPARATION FOR FREEZING / CORROSIVE ENVIRONMENTS, CAP ASY BALL 5X5-1/8 AL, Loading: (1) Luminaire (0.86 sq. ft. EPA, 21 lbs) Luminaire by Others., Per Drawing#	ANNISTON	27
2.0	E-MER05.2	MER05.2 - POLE MED EMB RD 17, MIX 6P BLACK PEBBLETONE FINISH: EXPOSED AGGREGATE FINISH, COATING: COATING I AMERSHIELD CLEAR, STRUCTURAL MODS: DCI MOD CORROSION INHIBITOR MIX MODIFICATION, CAST IN MODS MOD DOUBLE SIDEMOUNTS FOR (1) FIXTURE AND (1) CAMERA, CVR HH 66516E 90 CURV 1-5/8X7 AL, STANDARD (STD) DOOR SCREW, SINGLE 2" COUPLINGFOR ITS CABINET. FOR FE MOD POLE BASE PREPARATION FOR FREEZING / CORROSIVE ENVIRONMENTS, , CAP ASY BALL 5X5-1/8 AL, Loading: (1) Luminaire (0.86 sq. ft. EPA, 20 lbs) (1) camera 2.0 sq.ft EPA, 20lbs. and (1) 14" x 11" x 11"2.0 sq.ft EPA, 50lbs cabinet @ . Luminaire, camera and cabinet by Others., Per Drawing#	ANNISTON	15

Appendix:

Product Contact:

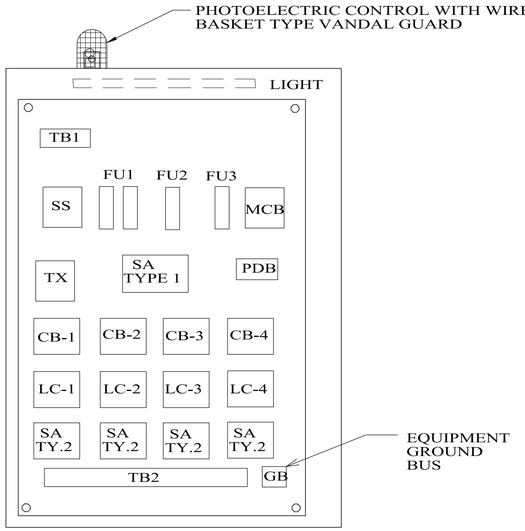
Hank Lawson
Specification Sales
SESCO Lighting, Inc
Tel: 850-262-0370
Cell: 850-572-2478
hlawson@sescolighting.com

Product Suppliers:

Clower Electric
2488 Halls Mill Road
Mobile, AL 36606
251-471-6176

Stuart C Irby Company
3232 Moffet Road
Mobile, AL 36607
251-433-3911

Sequel Electrical Supply
3307 Moffet Road
Mobile, AL 36607
251-450-1078

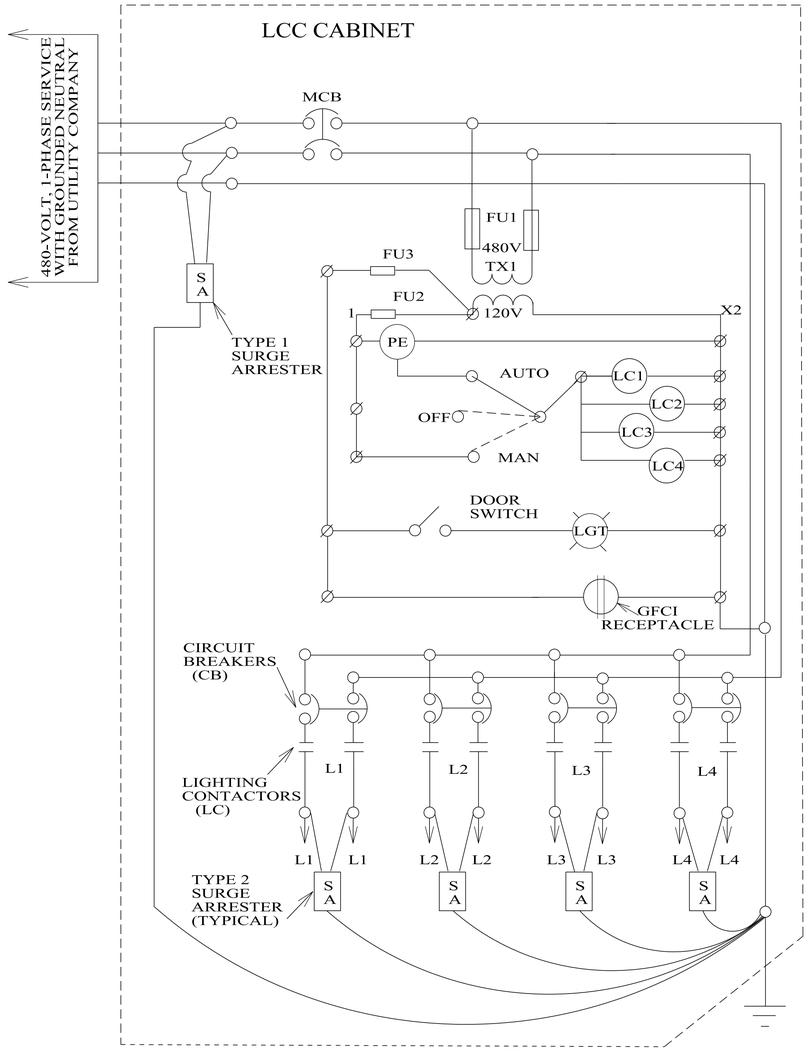


TYPICAL LIGHTING CONTROL CENTER (LCC) INTERIOR LAYOUT

NTS

PARTIAL EQUIPMENT SCHEDULE

PDB	POWER DISTRIBUTION BLOCK, 600 V-AC RATING, 2-POLE	SQUARE D: BLOCK CATALOG # 9080 LBC263106
		COOPER BUSSMANN PDB CATALOG # 16330
		MERSEN (FERRAZ SHAWMUT) PDB, CATALOG # 66462
		OR APPROVED EQUAL
MCB	MAIN CIRCUIT BREAKER 480 V-AC, 2 OR 3 POLE, 100 AMP (MINIMUM)	SQUARE D: TYPES KAL OR KHL
		GENERAL ELECTRIC: TFJ224XXXWL (WHERE XXX IS AMP RATING)
		SIEMENS ELECTRICAL PRODUCTS: SENTRON MOLDED CASE TYPES JD6 OR JXD6
		OR APPROVED EQUAL
CB	LOAD CIRCUIT BREAKER(S) 480 V-AC, 2-POLE, SIZED 125% OF CONTINUOUS LOAD	SQUARE D: TYPE FHL OR BGL
		GENERAL ELECTRIC: TYPE FCS326TEXXXR (WHERE XXX IS AMP RATING)
		SIEMENS ELECTRICAL PRODUCTS: SENTRON MOLDED CASE TYPE ED6
		OR APPROVED EQUAL
LC	LIGHTING CONTACTOR(S) 2-POLE, MECH. HELD, 120V-AC COIL, 30AMP(MIN.)	SQUARE D: TYPE S, CLASS 8903
		GENERAL ELECTRIC: TYPE CR463M
		SIEMENS ELECTRICAL PRODUCTS: CLM0X02120 (WHERE X IS AMP RATING)
		OR APPROVED EQUAL
SS	MANUAL-OFF-AUTO SELECTOR SWITCH MOUNTED IN A NEMA 3R SURFACE MOUNT ENCLOSURE	SQUARE D: CLASS 9001, TYPE KS43/BH1, WITH 762BP PLATE
		GENERAL ELECTRIC: CR104P SERIES WITH EXTRA LARGE NAMEPLATE
		SIEMENS INDUSTRIAL CONTROLS PRODUCTS: SIRIUS 3S, 3-POSITION
		OR APPROVED EQUAL
FU1	FUSE BLOCK NO. 1 2-POLE, 480 V-AC, FOR USE WITH TX1 (600 V-AC FUSE)	COOPER BUSSMANN: CAT.#BM6032B WITH BUSSMANN FNQ-5 OR MERSEN ATDR5 FUSE
		SQUARE D: CAT.#9080 FB2611CC WITH BUSSMANN FNQ-5 OR MERSEN ATDR5 FUSE
		MERSEN CLASS CC CAT.#30352R WITH BUSSMANN FNQ-5 OR MERSEN ATDR5 FUSE
		OR APPROVED EQUAL
FU2	FUSE BLOCK NO.2 120 V-AC, 1-POLE (250 V-AC FUSE)	COOPER BUSSMANN: CAT.#BM6031B WITH BUSSMANN FNM-3.2 OR SHAWMUT ATDR3.2 FUSE
		SQUARE D: CAT.#9080 FB1611CC WITH BUSSMANN FNM-3.2 OR SHAWMUT ATDR3.2 FUSE
		FERRAZ SHAWMUT CLASS CC CAT.#30351R W/BUSSMANN FNM-3.2 OR SHAWMUT ATDR3.2 FUSE
		OR APPROVED EQUAL
FU3	FUSE BLOCK NO.3 120 V-AC, 1-POLE, FOR GFCI RECEPT. & CABINET LT. (250 V-AC FUSE)	COOPER BUSSMANN: CAT.#BM6031B WITH BUSSMANN FNM-20 OR MERSEN ATDR20 FUSE
		SQUARE D: CAT.#9080 FB1611CC WITH BUSSMANN FNM-20 OR MERSEN ATDR20 FUSE
		MERSEN CLASS CC CAT.#30351R W/BUSSMANN FNM-20 OR MERSEN ATDR20 FUSE
		OR APPROVED EQUAL
TX	CONTROL TRANSFORMER DRY TYPE, 1-PHASE, 480 V-AC / 120 V-AC	SQUARE D: 2-KVA, STYLE A-NEMA TYPE 3R RATED, CATALOG # 2S1F
		DONGAN: 2-KVA, TYPE NEMA 3R RATED, CATALOG # 85-1045SH
		FEDERAL PACIFIC: 2-KVA, TYPE FB, CATALOG # SE2N2F
		OR APPROVED EQUAL
TB1	120V-AC TERMINAL BLOCK	BOX LUG TYPE FOR #14 - #8 AWG STRANDED COPPER WIRE
TB2	480V-AC TERMINAL BLOCK	BOX LUG TYPE FOR #6 - #2/0 AWG STRANDED COPPER WIRE
GB	EQUIPMENT GROUND BUSS	BOX LUG TYPE FOR #6 - #4 AWG STRANDED COPPER WIRE
SA TYPE 1	SURGE ARRESTER TYPE 1	ADVANCED PROTECTION TECHNOLOGIES SPDEE, NO. S50A277V2PN OR APPROVED EQUAL
SA TYPE 2	SURGE ARRESTER TYPE 2	HESCO/RLS HE4800 OR APPROVED EQUAL
PE	PHOTOELECTRIC CONTROL 120V, FAIL ON	INTERMATIC EK4536K
		TORK ZTL124F
		OR APPROVED EQUAL
LCC	LIGHTING CONTROL CENTER CABINET, NEMA 3R RATING, MINIMUM 48"HIGH X 30"WIDE X 16"DEEP X¼"THICK, ALUMINUM MATERIAL	SOUTHERN MANUFACTURING COMPANY: WITH EQUIPMENT PANEL
		HOFFMAN/A PENTAIR COMPANY): WITH EQUIP. PANEL
		DDB UNLIMITED, INC.: WITH EQUIPMENT PANEL
		OR APPROVED EQUAL



TYPICAL SINGLE-LINE WIRING DIAGRAM FOR LIGHTING CONTROL CENTER (LCC)

NTS

NOTE:

L1, L2, L3, AND L4 ARE TYPICAL LIGHTING FEEDER CIRCUITS. SEE PLAN ASSEMBLY FOR CIRCUIT QUANTITIES, CONDUCTOR SIZES, AND LOCATIONS.

NOT TO SCALE

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

REVISIONS:
1.

Bureau Std Engr: D.J.W.
DRAWN BY: T.A.T.
DATE DRAWN: 7-9-2019
REVISED DATE:

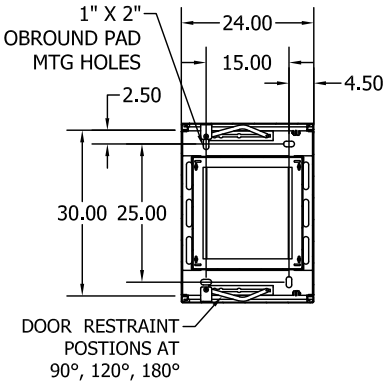
DESIGN BUREAU SPECIAL DRAWING

LIGHTING CONTROL CENTER (SHEET 2 OF 2)

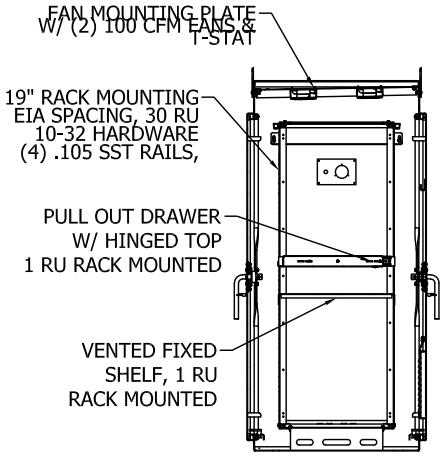
SPECIAL DRAWING NO: RLD-003

INDEX NO: 75030

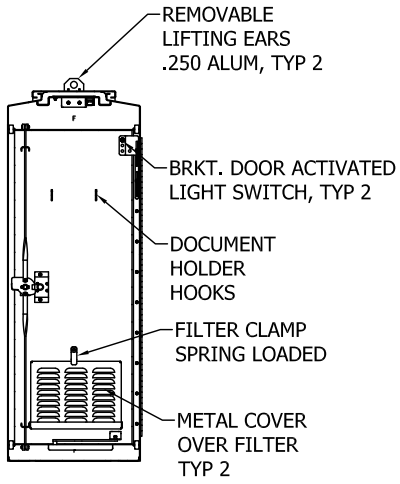
Network Hub Cabinet



SECTION C-C



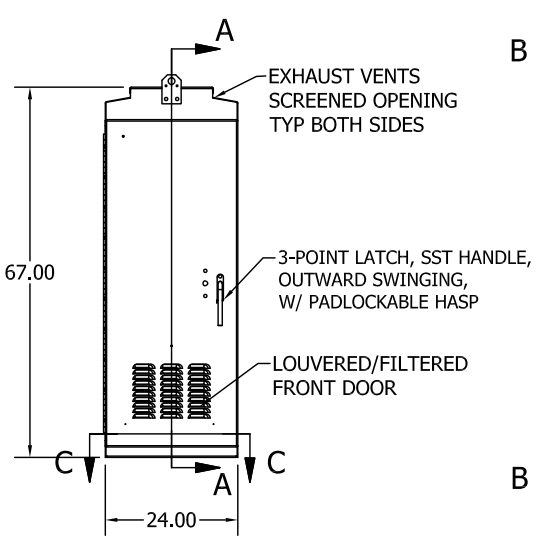
SECTION A-A

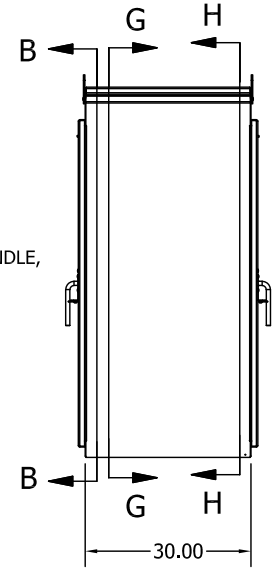


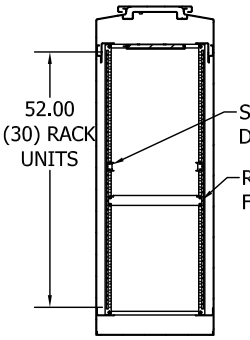
SECTION B-B

NOTES:

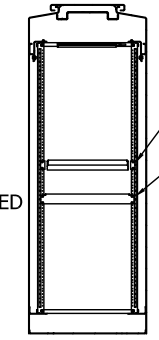
1. ENCLOSURE: RM672430A1253R-332L-GDOT_SPECDWG
2. UL LISTED TYPE 3R, VENTED
3. MATERIAL: .125 ALUMINUM, 5052-H32 MARINE GRADE
4. FINISH: NATURAL MILL FINISH
5. ALL EXTERIOR WELDS ARE TIG, INTERIOR WELDS ARE MIG
6. 3-POINT MAIN DOOR LATCH, W/.25 ALUM LOCKING BARS
7. LOCKING BARS HAVE NYLON ROLLERS W/ BALL BEARINGS
8. STAINLESS STEEL HANDLE WITH PADLOCKABLE HASP
9. DOOR LOCKS, CORBIN STYLE #2 LOCK-BRASS, W/2 KEYS
10. REUSABLE METAL FILTER OVER DOOR LOUVERS AND METAL COVER
11. DOOR RESTRAINTS AT BOTTOM, POSITIONS AT 90°, 120° AND 180°
12. VENTED TOP OF ENCLOSURE
13. ALL STAINLESS STEEL HARDWARE
14. 19" RACK MOUNT CHASSIS, EIA SPACING
15. FAN MOUNTING PLATE FOR (2) 100 CFM FANS AND T-STAT CONTROL
16. LIFTING EARS, .250 ALUM
17. CONTINUOUS PIANO HINGES, SST
18. PROVISIONS FOR PAD MOUNTING IN OPEN BOTTOM
19. SLIDE OUT RACK MOUNTED STORAGE SHELF, 1 RU, .125 ALUM
20. RACK MOUNTED VENTED FIXED SHELF, 1 RU, .125 ALUM
21. (2) SWITCH MOUNTING BRACKETS FOR FRT/REAR DOOR SWITCHES
22. DOCUMENT HOLDER HOOKS ON FRONT DOOR
23. SIDE PANELS, .125 ALUM, FASTENED TO 19" RACK



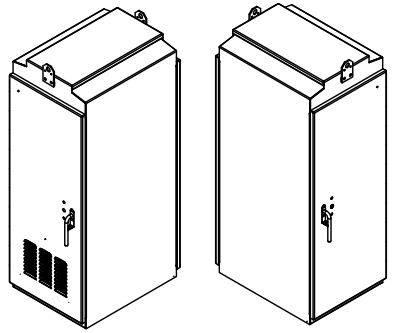




FRONT VIEW



REAR VIEW



FRONT VIEW REAR VIEW

REV	ECN	DESCRIPTION	DATE	ENGINEER
01		PROTOTYPE RELEASE	11/1/2024	DCM

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:
FRACTIONS ± 1/16 DECIMALS .XXX ±.015 ANGLES ±1°

BEND RADIUS
90° BEND DEDUCTION
199.74 lbmass
MATL

3RD ANGLE PROJECTION

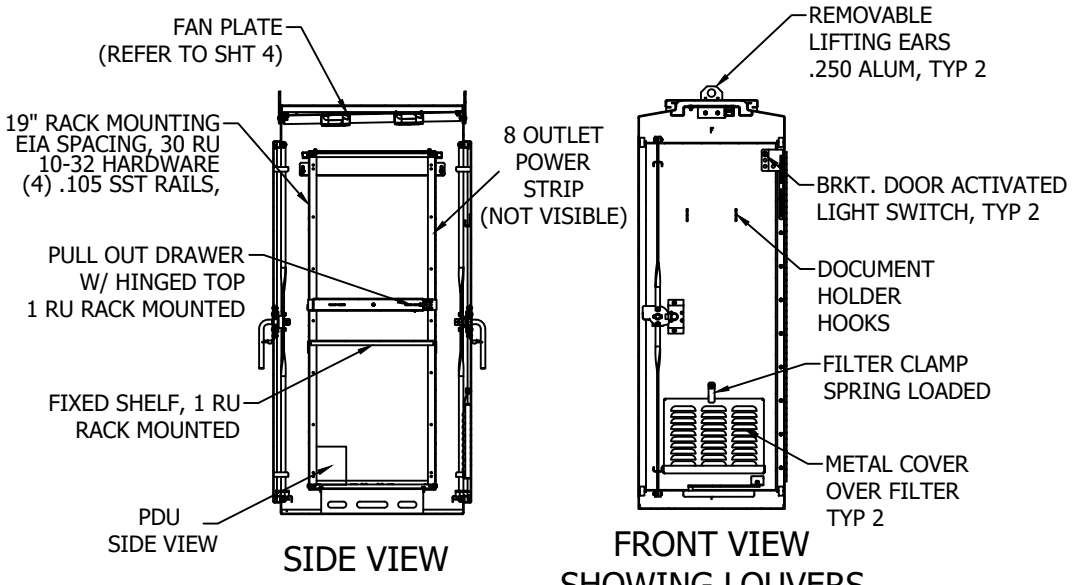
APX Enclosures, Inc.

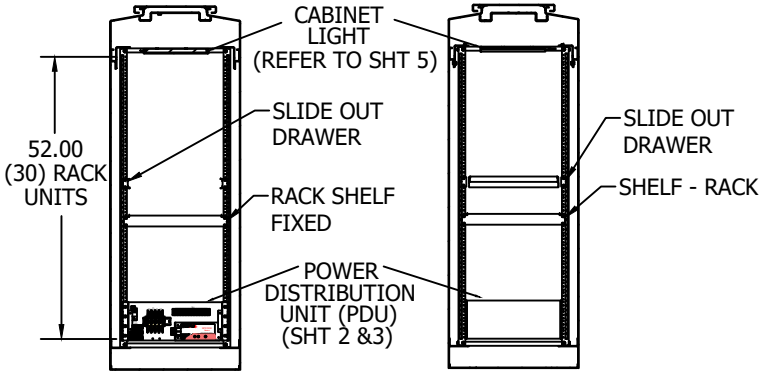
DRAWN DCM 11/1/2024
CHECKED
ENG
ENG MGR

RM672430A1253R-332L-GDOT_SPECDWG

SIZE B | DWG. NO. 1030200 | REV 01

SCALE: | SHEET 1 OF 1





REV	ECN	DESCRIPTION	DATE	ENGINEER
01	0043	SUBMITTAL	11/06/2024	FRED B.

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/16 .XXX ±.015 ±1~

BEND RADIUS
BEND DEDUCTION 90~

MATL

3RD ANGLE PROJECTION

DRAWN: F. BUTERBAUGH 11/06/2024
CHECKED
ENG
ENG MGR

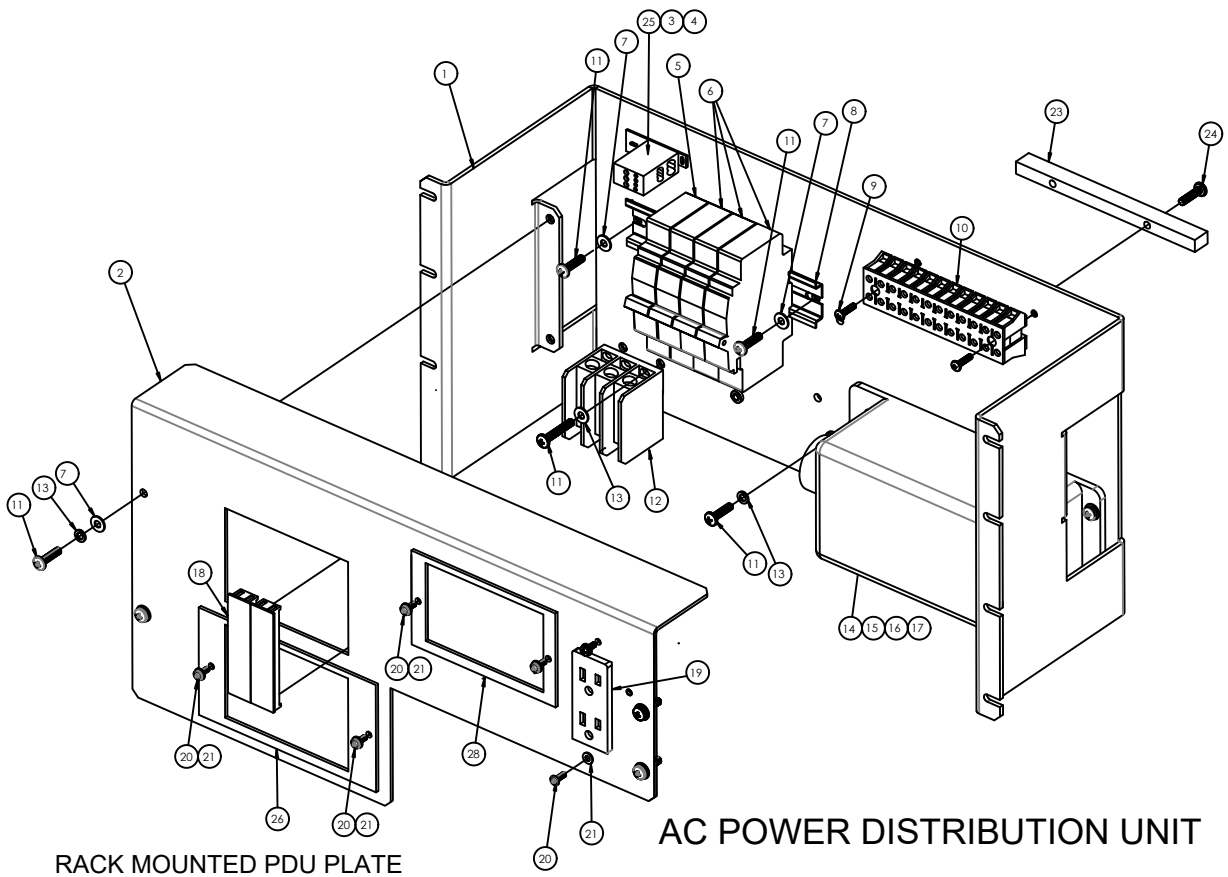
ELECTRICAL SUBMITTAL
GEORGIA DOT - TYPE A CABINET

SIZE	DWG. NO.	REV
B	N/A	01

SCALE: NONE SHEET 1 OF 6

NOTE: THE LAYOUT AND COMPONENTS SHOWN HERE MAY DIFFER SLIGHTLY FROM THE FINAL APPROVED VERSION.

NOTE: THE BOM SHOWN HERE IS REPRESENTATIVE OF THE COMPONENTS USED BUT MAY DIFFER SLIGHTLY IN THE FINAL VERSION.



RACK MOUNTED PDU PLATE
ISOMETRIC VIEW

AC POWER DISTRIBUTION UNIT

Parts List			
ITEM	PART #	QTY	DESCRIPTION
1	TBA	1	BACK PNL-TCSM1815XXA125-MIDASC
2	TBA	1	FRONT PLATE
3	1010735	2	PHMS-PHILLIPS #8-32 x 1/2 LG SST
4	1012576	2	WASHER-FLAT-SST-#8 MED-.040 THK
5	1010890	1	CIRCUIT BREAKER, 1 POLE, 50 AMP
6	1010874	2	CIRCUIT BREAKER, 1 POLE, 15 A, 10kA
7	1012580	14	WASHER-FLAT-SST-#10 MED-040 THK
8	1017536	1	DIN RAIL, 35MM x 7.5MM x 5.00" LG
9	1010723	4	RHMS-SLOTTED #6-32 x 3/8 LG-SST
10	1012520	1	TERMINAL BLOCK, 12 POS., 30A, 600V
11	1010710	14	PHMS-PHILLIPS #10-32 x .50 LG SST
12	1019275	1	POWER DIST BLOCK, 3 POLE, 115 AMP
13	1012578	14	LOCKWASHER-SST-#10 EXTERNAL TOOTH
14	1022489	1	SURGE SUPP., 120/240 VAC, 2 PH, 50kA
15	1022490	1	BRACKET, MOUNTING, FOR 1022489
16	1011078	1	LOCKNUT-3/4"
17	1013567	1	SEALING RING-3/4"-4X
18	1010898	2	PANELBOARD FILLER PLATE
19	1015092	1	RECEPT-GFCI-20A-IVORY
20	1010726	1	PHMS-PHILLIPS-SEMS-#6-32 x 1/2LG-SST
21	1012573	7	WASHER-FLAT-SST-#6 MED-.040 THK
22	N/A	-	N/A
23	1010879	1	GROUND BAR, PK12GTA
24	1027418	2	SCREW, PHLLIPS, 10-32, 3/4" LG FILLISTER
25	1012531	1	POWER DIST. BLOCK, 80 AMP, 7-POS.
26	TBA	1	PLEXIGLAS WINDOW
27	N/A	-	N/A
28	TBA	1	PLEXIGLAS WINDOW

NOTE: THE BOM SHOWN HERE IS REPRESENTATIVE OF THE COMPONENTS USED BUT MAY DIFFER SLIGHTLY IN THE FINAL VERSION.

REV	ECN	DESCRIPTION	DATE	ENGINEER
01	0043	SUBMITTAL	11/06/2024	FRED B.

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/16 .XXX ±.015 ±1~

BEND RADIUS
BEND DEDUCTION 90~

MATL

3RD ANGLE PROJECTION

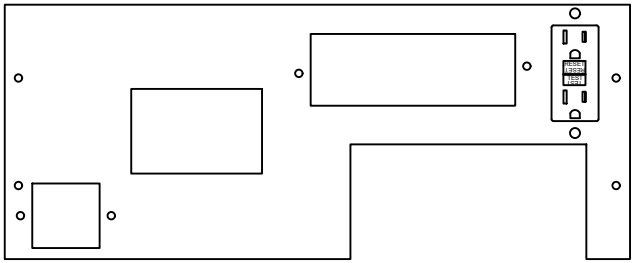
DRAWN: T. BUTERBAUGH 11/06/2024
CHECKED
ENG
ENG MGR

ELECTRICAL SUBMITTAL
GEORGIA DOT - TYPE A CABINET

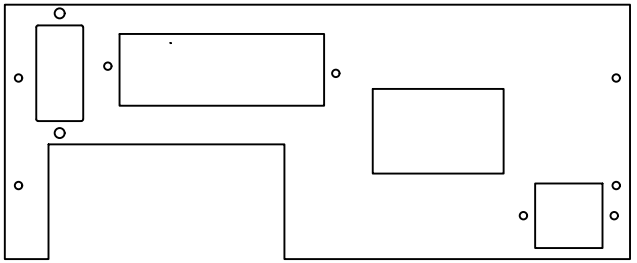
SIZE	DWG. NO.	REV
B	N/A	01

SCALE: NONE SHEET 2 OF 6

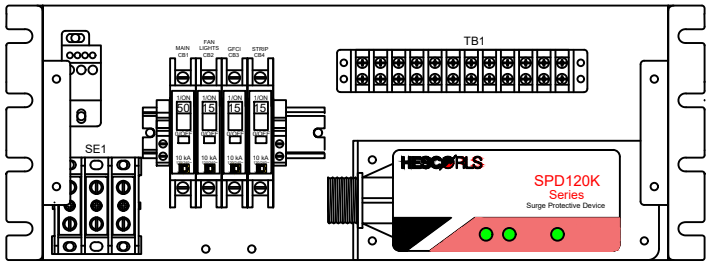
NOTE: THE LAYOUT AND COMPONENTS SHOWN HERE
MAY DIFFER SLIGHTLY FROM THE FINAL APPROVED VERSION.



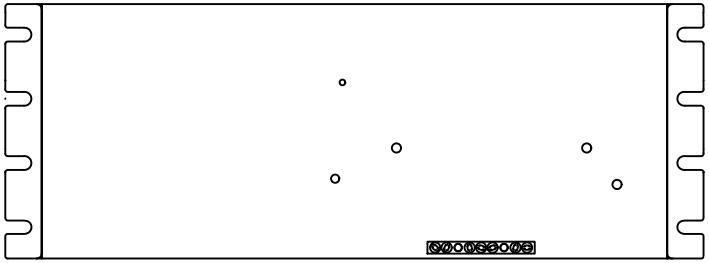
RACK MOUNTED COVER PLATE
(FRONT VIEW)



RACK MOUNTED COVER PLATE
(REAR VIEW)



RACK MOUNTED PLATE
(FRONT VIEW)



RACK MOUNTED PLATE
(REAR VIEW)

AC POWER DISTRIBUTION UNIT

REV	ECN	DESCRIPTION	DATE	ENGINEER
01	0043	SUBMITTAL	11/06/2024	FRED B.

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/16 .XXX ±.015 ±1~

BEND RADIUS
BEND DEDUCTION 90~

MATL

3RD ANGLE PROJECTION

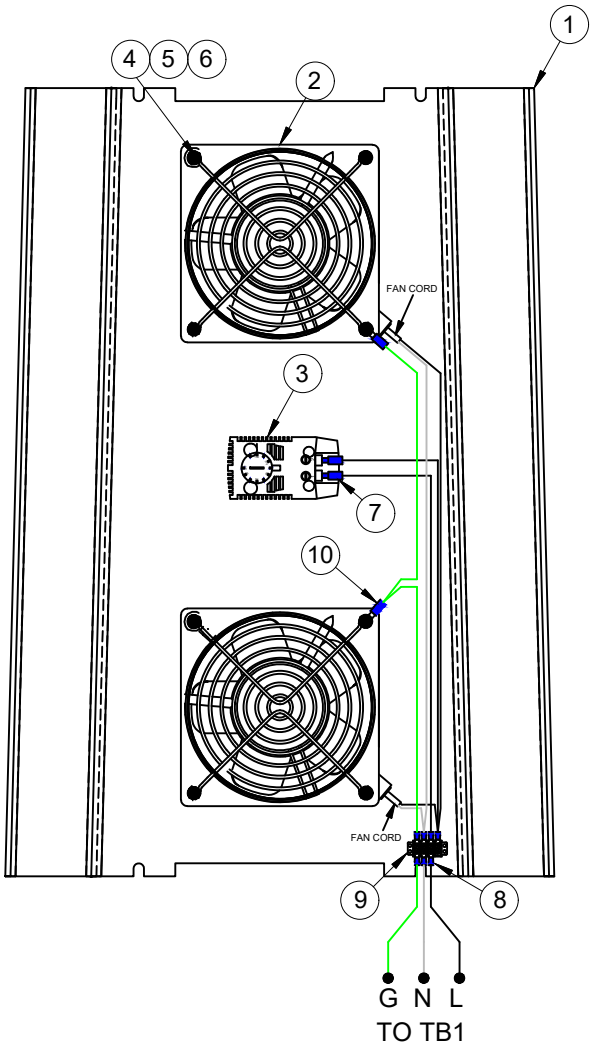
DRAWN: F. BUTERBAUGH 11/06/2024
CHECKED
ENG
ENG MGR

ELECTRICAL SUBMITTAL
GEORGIA DOT - TYPE A CABINET

SIZE	DWG. NO.	REV
B	N/A	01

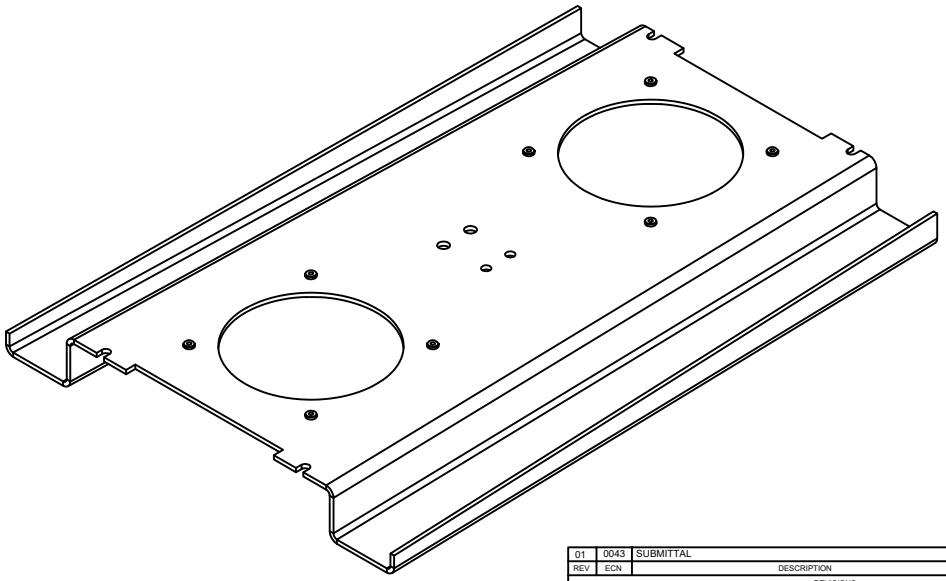
SCALE: NONE SHEET 3 OF 6

FAN PLATE



Parts List			
ITEM	PART #	QTY	DESCRIPTION
1	TBA	1	FAN PLATE
2	1010973	2	FAN, KIT, 100 CFM, 120V, GUARD & CORD
3	1012549	1	THERMOSTAT, PFANNENBERG, COOLING
4	1010730	8	PHMS-PHILLIPS #6-32 x 2 LG SST
5	1012572	8	WASHER-LOCK-#6 EXT TOOTH-SST
6	1012573	8	WASHER-FLAT-SST-#6 MED
7	1019594	2	FERRULE, INS., SINGLE, 14 AWG, BLUE
8	1024120	7	TERM., LOCKING SPADE, 14-16 AWG (BLUE)
9	1012528	1	TERMINAL BLOCK, 4 POSITION, 15A
10	1012488	2	TERMINAL, #6 RING, 14-16 AWG (BLUE)

NOTE: THE BOM AND FAN PLATE SHOWN HERE IS REPRESENTATIVE OF THE COMPONENTS USED BUT MAY DIFFER SLIGHTLY IN THE FINAL VERSION.



REV	ECN	DESCRIPTION	DATE	ENGINEER
01	0043	SUBMITTAL	11/06/2024	FRED B.

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/16 .XXX ±.015 ±1~

BEND RADIUS 90~
BEND DEDUCTION

DRAWN: F. BUTERBAUGH 11/06/2024
CHECKED
ENG
ENG MGR
MATL

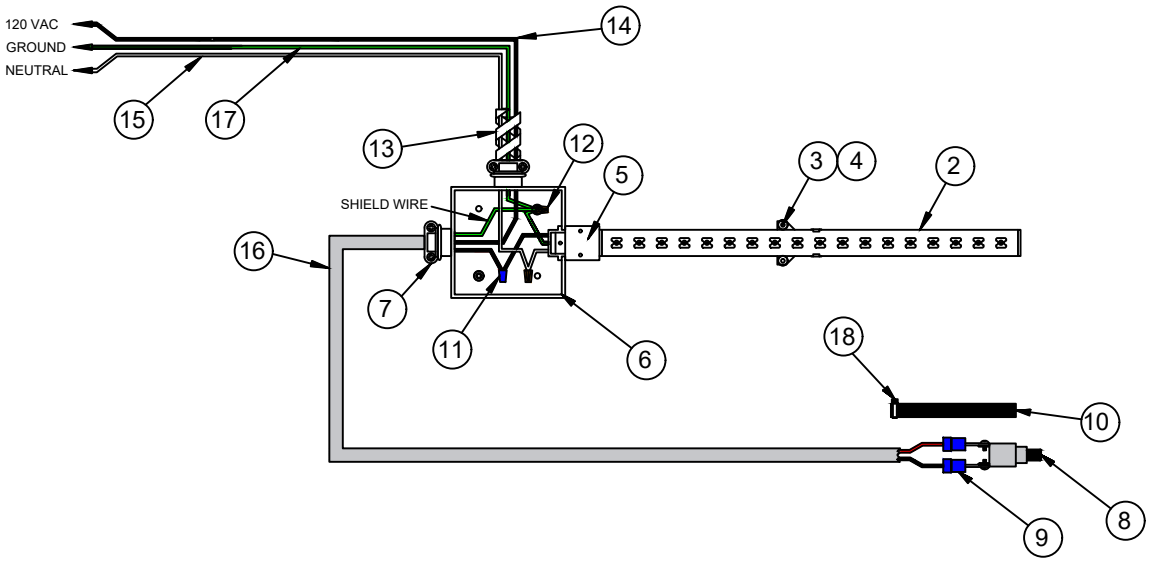
3RD ANGLE PROJECTION

ELECTRICAL SUBMITTAL
GEORGIA DOT - TYPE A CABINET

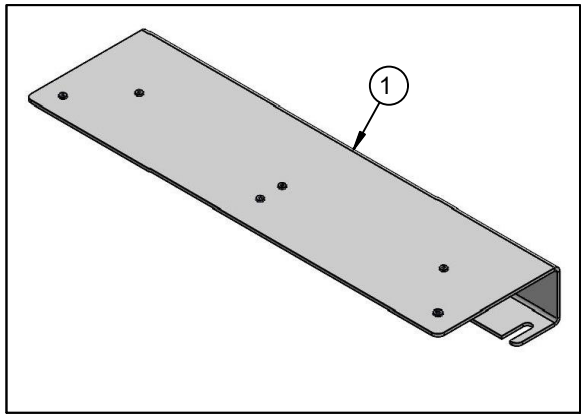
SIZE	DWG. NO.	REV
B	N/A	01

SCALE: NONE SHEET 4 OF 6

LIGHT PLATE x 2



Parts List			
ITEM	PART #	QTY	DESCRIPTION
1	N/A	1	LIGHT PLATE
2	1011309	1	LED-WHITE-120V-12"
3	1010724	4	PHMS-PHILLIPS-SST-#6-32x3/8"LG
4	1013159	1	SUPPORT CLIPS FOR LED
5	1014769	1	JOINER LIGHT-TO-LIGHT FOR LED
6	1011311	1	CONNECTOR BOX-MAXLITE LED
7	1013214	2	BRIDGEPORT 1/4" CONN.
8	1012483	1	SWITCH-PUSHBUTTON-SPNC-ROUND
9	1012488	2	#6 RING TERMINAL-14-16 AWG
10	1010922	3 IN	HS TUBING-.75 ID-BLACK
11	1012508	1	WIRE NUT-BLUE
12	1012509	2	WIRE NUT-ORANGE
13	1010920	2 IN	SPIRAL WRAP-3/16-2" BUNDLE
14	1012637	15 FT	WIRE-THHN-14AWG-STRAND-BLACK
15	1012638	13 FT	WIRE-THHN-14AWG-STRAND-WHITE
16	1019356	2.5 FT	CABLE, 16 AWG, 2 COND, RED/BLACK
17	1012640	17 FT	WIRE-THHN-14AWG-STRAND-GREEN
18	1010916	1	CABLE TIE,.095W x 4" LG, NYLON



REV	ECN	DESCRIPTION	DATE	ENGINEER
01	0043	SUBMITTAL	11/06/2024	FRED B.

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/16 .XXX ±.015 ±1~

BEND RADIUS
BEND DEDUCTION 90~

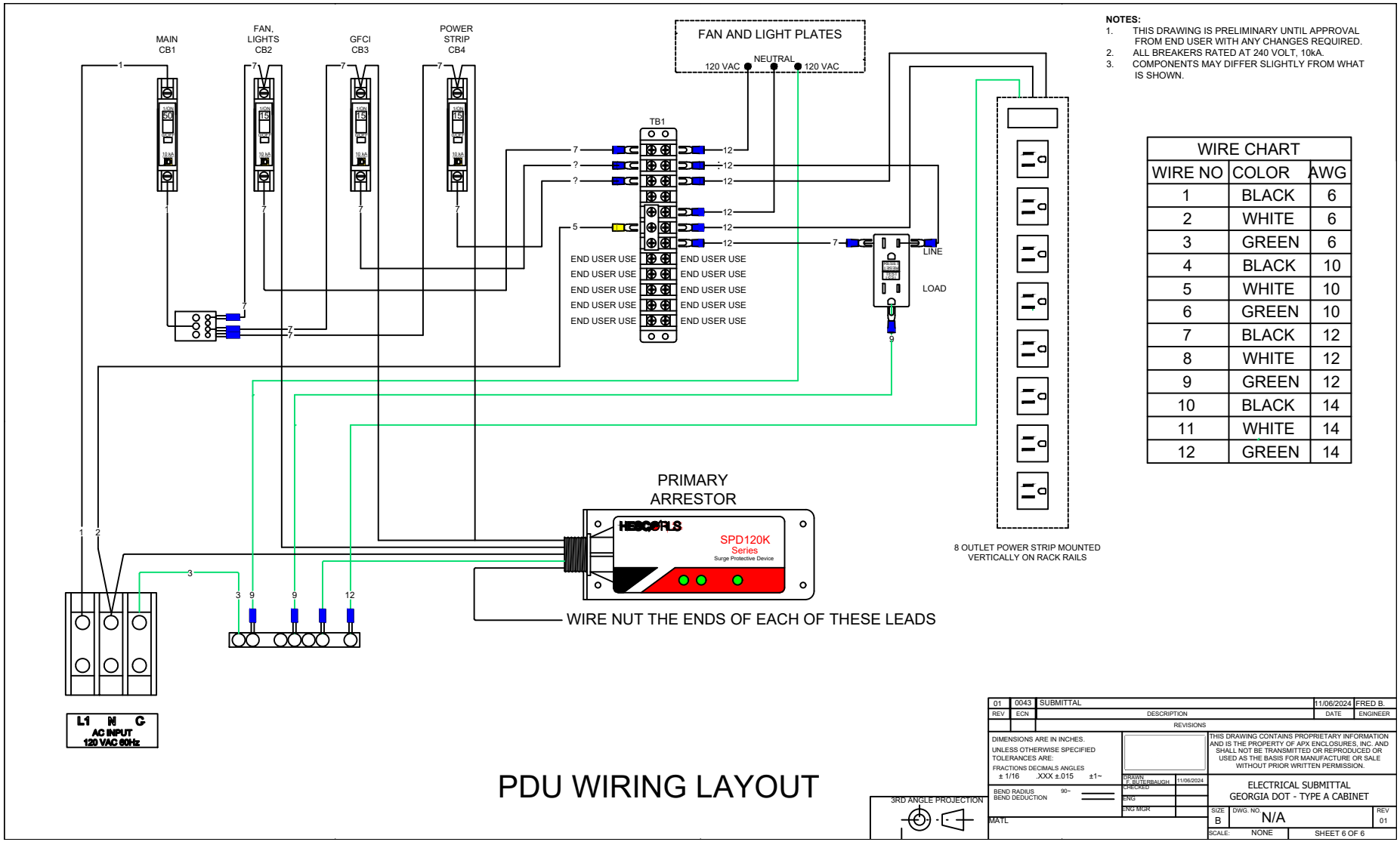
MATL

3RD ANGLE PROJECTION

DRAWN: F. BUTERBAUGH 11/06/2024
CHECKED
ENG
ENG MGR

ELECTRICAL SUBMITTAL
GEORGIA DOT - TYPE A CABINET

SIZE B | DWG. NO. N/A | REV 01
SCALE: NONE | SHEET 5 OF 6



NOTES:

1. THIS DRAWING IS PRELIMINARY UNTIL APPROVAL FROM END USER WITH ANY CHANGES REQUIRED.
2. ALL BREAKERS RATED AT 240 VOLT, 10kA.
3. COMPONENTS MAY DIFFER SLIGHTLY FROM WHAT IS SHOWN.

WIRE CHART		
WIRE NO	COLOR	AWG
1	BLACK	6
2	WHITE	6
3	GREEN	6
4	BLACK	10
5	WHITE	10
6	GREEN	10
7	BLACK	12
8	WHITE	12
9	GREEN	12
10	BLACK	14
11	WHITE	14
12	GREEN	14

PDU WIRING LAYOUT

REV	ECN	DESCRIPTION	DATE	ENGINEER
01	0043	SUBMITTAL	11/06/2024	FRED B.

REVISIONS

DIMENSIONS ARE IN INCHES.
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/16 .XXX ±.015 ±1~
BEND RADIUS
BEND DEDUCTION 90~
MATL

DRAWN: F. BUTTERBAUGH 11/06/2024
CHECKED
ENG
ENG MGR

3RD ANGLE PROJECTION

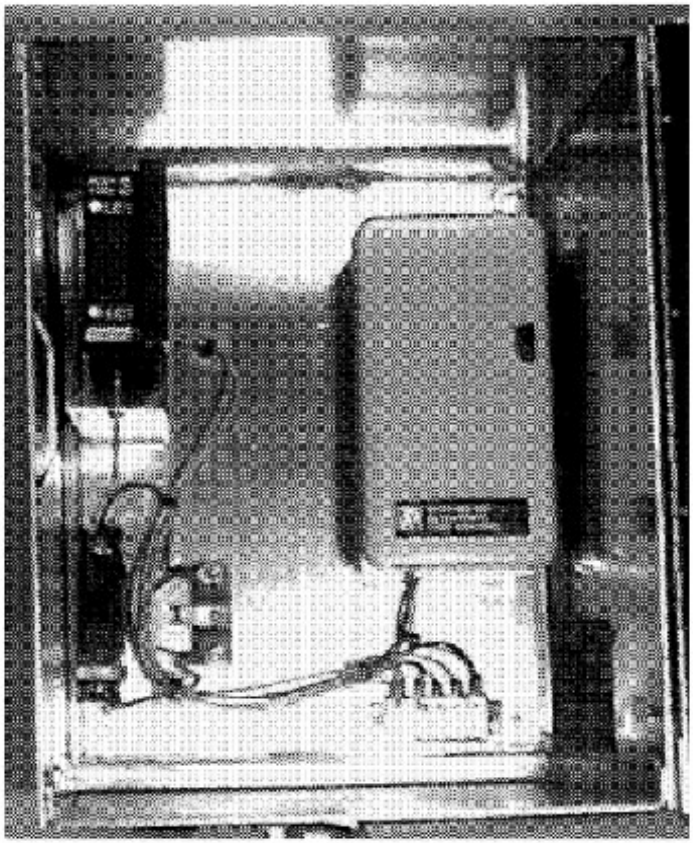
ELECTRICAL SUBMITTAL
GEORGIA DOT - TYPE A CABINET

SIZE	DWG. NO.	REV
B	N/A	01

SCALE: NONE SHEET 6 OF 6

SPECIFICATIONS	SLTS
DESCRIPTION Flasher Cabinet, 120 Volt AC	**PART NUMBER** 1470

ITS **Cabinets**



ITS **Cabinet Standard Features:**

14"x11"x11" All aluminum Cabinet
Universal mounting tabs (Attach with lag bolt, banding, gear clamps)
Replaceable two-circuit NEMA Flasher

Rated for traffic use Easy Access Horizontal Plug
15A Circuit Breaker
Surge Arrestor (Heavy duty model optional)
Terminal Block for electrical connections
Screened vents for convection cooling

NO	P/N	DESCRIPTION	MATERIAL	QTY
1	1470	Flasher Cabinet for Warning Beacons, Advance Warning Signals, and Intersections with Flashing Signals * Will accommodate various timers and time clocks.	Aluminum Electronic	1

ATTACHMENT B
CONSTRUCTION PLANS
(ENTIRE PLAN SET)

CITY OF MOBILE

PROJECT NO: 2025-2045-01

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PLANS OF PROPOSED PROJECT

AUGUST, 2025

INDEX TO SHEETS

VICINITY MAP
N.T.S.

LENGTH OF PROJECT
3297.10 FT = 0.624 MILES

PROGRAMS & PROJECT MANAGEMENT DEPARTMENT

205 GOVERNMENT STREET
SOUTH TOWER, SECOND FLOOR
MOBILE, ALABAMA 36602

CITY OF MOBILE

HONORABLE WILLIAM S. STIMPSON, MAYOR

C.J. SMALL
COUNCIL PRESIDENT - DISTRICT 3

CORY PENN
DISTRICT 1

WILLIAM CARROLL
DISTRICT 2

BEN REYNOLDS
DISTRICT 4

JOEL DAVIES
DISTRICT 5

JOSH WOODS
DISTRICT 6

GINA GREGORY
DISTRICT 7

RESPONSIBLE FOR POWER DESIGN

8/19/2025

CHRISTINA MARIE FLOREZ AL. P.E. NO. 40469 — DATE
ELECTRICAL ENGINEER

ALABAMA LICENSED No. 40469 PROFESSIONAL ENGINEER CHRISTINA MARIE FLOREZ

ADMINISTRATIVE APPROVAL

8-19-2025

JOHN FORRESTER, AL. P.E. NO. 27437 — DATE
CITY ENGINEER

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	2

PLANS LEGEND SHEET

ROADWAY

CENTER LINE ..... 55+00

STATE BOUNDARY LINE .....

COUNTY BOUNDARY LINE .....

CITY OR TOWN LIMITS .....

SECTION LINES ..... SEC 22 / SEC 23

QUARTER-SECTION LINES .....

RANGE-TOWNSHIP LINES ..... R-17-E / R-18-E

PROPERTY LINES ..... PL

PRESENT ROW .....

ACQUIRED ROW .....

DENIED ACCESS .....

REQUIRED FENCE .....

CONSTRUCTION LIMITS ..... CONST LIM

CLEARING LIMITS .....

RAILROAD .....

EXISTING WOOD FENCE .....

EXISTING BARBED WIRE FENCE .....

EXISTING CHAIN LINK FENCE .....

EXISTING ELECTRIC FENCE .....

EXISTING HOG WIRE FENCE .....

TREES .....

WOODS LINE .....

MARSH .....

EXISTING DITCH .....

REQUIRED DITCH.....

GRAVEL ROAD .....

EXISTING GUARDRAIL .....

REQUIRED GUARDRAIL .....

SATELLITE DISH .....

TRAFFIC LIGHT .....

BENCH MARK .....

SURVEY POINT .....

ENVIRONMENTAL CLEARED LIMITS ..... ENV

EXISTING PIPE .....

REQUIRED PIPE
(WITH PIPE END TREATMENT).....

REQUIRED PIPE END TREATMENT.....

EXISTING BOX CULVERT .....

REQUIRED BOX CULVERT .....

EXTENDED CULVERT .....

DROP INLET OR JUNCTION BOX
(SEE PLANS DESCRIPTION).....

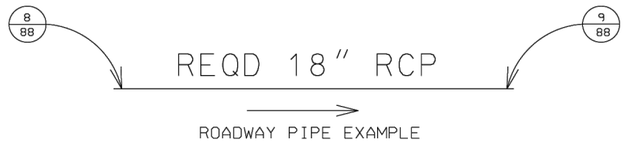
BRIDGE .....

PIPE CULVERT (ELEVATION VIEW) .... PL=410.25

BOX CULVERT (ELEVATION VIEW) ..... PL=420.55

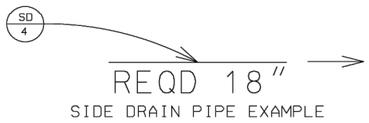
DRAINAGE STRUCTURE INDEX NUMBERS

DRAINAGE STRUCTURE WRITE-UPS ARE LOCATED ON THE DRAINAGE CROSS-SECTION SHEETS. STRUCTURES WITH WRITE-UPS ARE INDEXED AT EACH END, WITH NUMBERS ASSIGNED BY DIRECTION OF FLOW. THE NUMBER IN THE UPPER HALF OF THE CIRCLE (EXAMPLE 8 OR 9) IS THE DRAINAGE STRUCTURE INDEX NUMBER. THE NUMBER IN THE LOWER HALF (EXAMPLE 88) IS THE SHEET REFERENCE NUMBER.



ROADWAY PIPE EXAMPLE

ALL INFORMATION CONCERNING THE DISPOSITION OF SIDE DRAIN PIPE IS SHOWN ON THE SUMMARY OF QUANTITIES BOX SHEET. THE TOP LETTERS (SD) ARE FOR SIDE DRAIN AND THE BOTTOM NUMBER IS THE DRAINAGE STRUCTURE INDEX NUMBER.



SIDE DRAIN PIPE EXAMPLE

DIRECTION OF FLOW .....

UTILITIES

	EXISTING	PROPOSED
POWER POLE		
LIGHT POLE		
TELEPHONE POLE		
ANCHOR		
STUB (POWER)		
STUB (TELEPHONE)		
ELECTRIC DUCT	EL 4MTD	EL 4MTD
BURIED ELECTRIC CABLE	BE	BE
OVERHEAD ELECTRIC CABLE	OE	OE
ELECTRIC MANHOLE	E	E
TOWER		
TELEPHONE PEDESTAL	T	T
TELEPHONE DUCT	TP 4MTD	TP 4MTD
BURIED TELEPHONE CABLE	BTC	BTC
OVERHEAD TELEPHONE CABLE	OTC	OTC
TELEPHONE MANHOLE	TMH	MH
SANITARY SEWER	S	S
WATER LINE	W	W
WATER MAIN	WM	WM
WATER VALVE	W	W
FIRE HYDRANT		
WATER METER		
GAS LINE	G	G
GAS MAIN	GM	GM
GAS VALVE	G	G
GAS REGULATOR		
BURIED CABLE TELEVISION.....	BTV	BTV
OVERHEAD CABLE TELEVISION.....	OTV	OTV

EXISTING PAVEMENT (RETAIN).....

EXISTING PAVEMENT (REMOVE).....

EXISTING PAVEMENT (RETAIN AND OVERLAY)..

CONCRETE (EXISTING OR REQUIRED).....

EXISTING CONCRETE (REMOVE).....

RIP RAP (EXISTING OR REQUIRED).....

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			PLAN LEGEND SHEET	THREE MILE CREEK GREENWAY

PLANS LEGEND SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	3

ABBREVIATIONS

ABANDON(ED)	ABAN
ABUTMENT	ABUT
ACCELERATION	ACCL
ACQUIRED	ACQD
ACRE	AC
AHEAD	AH
ALABAMA	AL
ALABAMA DEPARTMENT OF TRANSPORTATION	ALDOT
ALTERNATE	ALT
APPROXIMATE(LY)	APP
AREA	A
ASPHALT	ASP
AVERAGE ANNUAL DAILY TRAFFIC	AADT
BACK	BK
BACK OF GUARDRAIL	BK-GR
BACKSIGHT	BS
BARBED WIRE	B/W
BARREL	BBL
BARRIER	BAR
BASE LINE	BL or ℄
BEARING	BRNG
BEGIN	BEG
BEGINNING OF PROJECT	BOP
BETWEEN	BTW
BILLBOARD	BBD
BENCH MARK	BM
BITUMINOUS	BIT
BITUMINOUS COATED CORRUGATED METAL PIPE	BCCMP
BOUNDARY	BDY
BRIDGE	BRG
BRIDGE END SLAB	BES
CAPACITY	CAPY
CAST IRON	CI
CAST IN PLACE	CIP
CATCH BASIN	CB
CENTER LINE	℄
CHAIN LINK	C/L
CLASS	CLS
CONCRETE	CONC
CONNECTION	CONN
CONSTRUCTION LIMITS	CONST LIM
CORNER	COR
CORRECTION	CORR
CORRUGATED IRON	CORI
CORRUGATED METAL	CM
CORRUGATED METAL PIPE	CMP
CORRUGATED PLASTIC PIPE	CPP
COUNTY	CO
COUNTY ROAD	CO-RD
CREEK	CK
CROSS SECTION	X-SECT
CROWN REMOVED	CR
CUBIC FEET	FT3 or CU FT
CUBIC FEET PER SECOND	CFS
CUBIC YARD	YD3 or CU YD
CUBIC METERS	M3
CULVERT	CULV
CULTIVATED	CULT
CURB FACE	CF
CURB AND GUTTER	C&G
CUT	C
CURVE TO SPIRAL	CS
DECELERATION	DECEL
DECLINATION	DECL
DEGREE OF CURVE	D
DENIED ACCESS	D/A
DEPARTURE	DEP
DIAMETER	DIA
DIRECTION	DIR
DISTANCE	DIST
DOUBLE	DBL
DOUBLE BARREL CULVERT	CD
DRAINAGE AREA	DA
DRIVE	DR
DROP INLET	DI
EACH	EA
EASEMENT	ESMT
EAST	E
EAST BOUND ROADWAY	EBR
EDGE OF PAVEMENT	EP
ELEVATION	EL or ELEV
END OF RETURN	ER
END ANCHOR	E/A
END OF PROJECT	EOP
EQUATION	EQ
EROSION CONTROL PRODUCTS	ECP
EXCAVATION	EXCAV
EXISTING	EX
EXPANSION	EXP
EXTENSION	EXT
EXTERNAL	E
EXTRA STRENGTH	EXT STR
FEET	FT
FILL	F
FILTER BLANKET	FLT BLNK
FINISHED GRADE	FG
FINISHED SURFACE	FS
FISCAL YEAR	FY
FIXED	FIX
FLAT BOTTOM	FB
FLOW LINE	FL or ℄
FORESIGHT OR FRONTSIGHT	FST
FRACTIONAL	FRAC
FULL SUPERELEVATION	FS
GALLON	GAL
GASOLINE PUMPS	GPP
GARAGE	GAR
GAUGE	GA
GIRDER	GDR
GOVERNMENT	GOV
GRASS	GRS
GRADE CHANGE	GC
GRADE POINT	GP
GRADE ROD	GRD
GRAVEL	GRV
GUARDRAIL	GR
HEADWALL	HDWL
HECTARE	HA
HIGH WATER MARK	HWM
HEIGHT	HT
HEIGHT OF INSTRUMENT	HI
HIGH WATER	HW
HIGHWAY	HWY
HOGWIRE	H/W
HORIZONTAL	HOR
HUB & TACK	H&T
HYDRANT	HYD
IMPACT ATTENUATOR	IA
IN ACCORDANCE WITH	I/A/W
IN PLACE	IN-PL
INCHES	IN
INCLUDING	INCL
INSTRUMENT	INST
ISLAND	ISL
JOINT	JT
JUNCTION	JCT
JUNCTION BOX	JB
KILOMETER	KM
KILOMETER POST	KMP
KILOMETERS PER HOUR	KPH
LANE	LN
LATITUDE	LAT
LEFT	LT
LEFT AHEAD	LA
LEFT BACK	LB
LENGTH OF CURVE	L
LINK	LK
LIMIT	LIM
LINEAR	LIN
LINEAR FEET	LIN FT
LONGITUDE	LONG
MANHOLE	MH
MARKER	MRK
MAXIMUM	MAX
MEAN HIGH WATER	MHW
MEAN LOW WATER	MLW
MEASUREMENT	MEAS
MEDIAN	MED
METER	M
MERIDIAN	MER
MILE POST	MP
MILES	MI
MILES PER HOUR	MPH
MILLIMETER	MM
MINIMUM	MIN
MONUMENT	MON
MULTIPLE	MULT
NORMAL	NORM
NORMAL CROWN	NC
NORMAL CROWN SLOPE	NCS
NORTH	N
NORTH BOUND ROADWAY	NBR
NORTHING-EASTING	NE
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO
OBSERVATION	OBS
ON CENTER	OC
ORIGINAL	ORIG
OVERHEAD	OHD
OVERHAUL	OH
OUT TO OUT	OO
PAINT	PNT
PAVED	PVD
PAVED SHOULDER	PVD SH
PAVEMENT	PVMT
PIPE END TREATMENT	PET
PIPE ENTERING CULVERT	PEC
PLATE GIRDER	PL GDR
POINT OF BEGINNING	POB
POINT OF COMPOUND CURVE	PCC
POINT OF CURVATURE	PC
POINT OF REVERSE CURVATURE	PRC
POINT OF ENDING	POE
POINT OF INTERSECTION	PI
POINT OF TANGENCY	PT
POINT ON CURVE	POC
POUND	LB
PRESENT	PRES
PROFILE GRADE	PG
PROJECT	PROJ
PROJECT CONTROL	PJC
PROPERTY LINE	ℙ
PROPOSED	PROP
QUADRUPLE	QUAD
QUADRUPLE BARREL CULVERT	CQ
QUANTITY	QUANT
RADIUS	R
RAILROAD	RR
RANGE	RGE
RECORD	REC
REDUCTION	RED
REFERENCE	REF
REFERENCE POINT	RP
REFERENCE POINT FOR POINT ON TANGENT	RPPOT
REINFORCED	REINF
REINFORCED CONCRETE	RC
REINFORCED CONCRETE DECK GIRDER	RCDG
REINFORCED CONCRETE PIPE	RCP
REINFORCING STEEL	REINF STL
RELOCATE	RELC
REMOVE	REM
REQUIRED	REQD
RETAIN(ING)	RET
REVERSE CROWN	RC
REVISION	REV
RIGHT	RT
RIGHT AHEAD	RA
RIGHT BACK	RB
RIGHT OF WAY	ROW
RIGHT OF WAY MARKER	ROWM
RIVER	RIV
ROAD	RD
ROADWAY	RDWY
SECTION	SEC
SERVICE ROAD	SER RD
SHEET	SHT
SHEET PILING	SHT PILE
SHOULDER	SHLD
SIDE DRAIN	SD
SIDEWALK	SW
SIGHT DISTANCE	S DIST
SINGLE BARREL CULVERT	CS
SKEW	SK
SLOPE STAKE	SST
SOLID SODDING	SOL SOD
SOUTH	S
SOUTH BOUND ROADWAY	SBR
SPECIAL	SP
SPECIAL DITCH	SP-DT
SPECIAL DITCH LEFT	SDL
SPECIAL DITCH MEDIAN	SDM
SPECIAL DITCH RIGHT	SDR
SPECIAL DRAWING	SP-DWG
SPECIFICATIONS	SPEC
SPRING LINE	SL
SPIRAL TO CURVE	SC
SPIRAL POINT OF INTERSECTION	SPI
SPIRAL TO TANGENT	ST
SQUARE	SQ
SQUARE FEET	FT2 or SQ FT
SQUARE METERS	M2
SQUARE YARD	YD2 or SQ YD
STAKE	STK
STANDARD	STD
STANDARD DRAWING	STD-DWG
STANDARD STRENGTH	STD STR
STATION	STA
STATION & ELEVATION	S/E
STATION & OFFSET	SO
STOPPING SIGHT DISTANCE	SSD
STREET	ST
STRUCTURE	STR
SUB-GRADE	SG
SUPERELEVATION	SE, se or e
SURVEY	SRV
SYMMETRICAL	SYM
TANGENT	TAN
TANGENT LENGTH (CURVE DATA)	T
TANGENT TO SPIRAL	TS
TEMPORARY	TEMP
TEMPORARY BENCH MARK	TBM
THROAT	TH
TOWNSHIP	TSHP
TRIPLE	TR
TRIPLE BARREL CULVERT	CT
TURN OUT	TO
TURNING POINT	TP
TYPE	TY
UNIT	U
UNPAVED	UNPVD
VALLEY GUTTER	VG
VARIABLE	VAR
VERTICAL	VERT
VERTICAL CURVE	VC
VERTICAL POINT OF CURVATURE	PVC
VERTICAL POINT OF INTERSECTION	PVI
VERTICAL POINT OF TANGENCY	PVT
VITRIFIED	VIT
VOLUME	VOL
WEST	W
WEST BOUND ROADWAY	WBR
WING WALL	WW
WITNESS CORNER	WC
WOOD	WD
WORKING POINT	WP
WOVEN WIRE	W/W
YARD	YD

STRUCTURES

NUMBER OF STORIES	1, 2, 3, 4
FRAME	FR
BUILDING	BLDG
BLOCK	BLK
BRICK	BR
STUCCO	STU
METAL	MET
RESIDENCE	RES
BUSINESS	BUS
WAREHOUSE	WHSE
CHICKEN HOUSE	CH HSE
CHURCH	CH
SCHOOL	SCH
DOUBLE WIDE MOBILE HOME	DW MH
MOBILE HOME	MH

UTILITIES

ANCHOR WIRE	AW
BURIED ELECTRIC	BE
BURIED FIBER OPTIC	BFO
BURIED TELEPHONE CABLE	BTC
BURIED CABLE TELEVISION	BTV
CAST IRON	CI
CIRCUIT	CKT
DUCTILE IRON	DUC IRON
EASEMENT	ESMT
ELECTRIC MANHOLE	EMH
ELECTRIC JUNCTION BOX	EJB
FIBER OPTIC	FO
FIRE HYDRANT	FH
FORCED MAIN (SANITARY SEWER)	FM
GAS MAIN	GM
GAS METER	GMET
GAS VALVE	GV
GUY WIRE	GUY
HIGH PRESSURE	HP
KILOVOLT AMPS	KVA
MANHOLE	MH
MERCURY VAPOR LIGHT	MVL
OVERHEAD FIBER OPTIC	OFO
OVERHEAD TELEPHONE CABLE	OTC
OVERHEAD ELECTRIC CABLE	OE
OVERHEAD CABLE TELEVISION	OTV
PAIR	PR
PEDESTAL	PED
POLYETHYLENE PIPE	PEP
POLY-VINYL CHLORIDE PIPE	PVC
POWER POLE	PP
SANITARY SEWER	SS
SERVICE	SERV
STEEL	STL
STORM DRAIN	STM
STORM SEWER	STMS
SWITCH	SW
TELEPHONE	TEL
TELEPHONE MANHOLE	TMH
TRANSFORMER	TRAN
TRANSMISSION LINE	TR LN
TRIAXIAL CABLE (SERVICE)	TRIX
VITRIFIED CLAY PIPE	VCP
WATER MAIN	WM
WATER METER	WMET
WATER VALVE	WV

PROPERTY

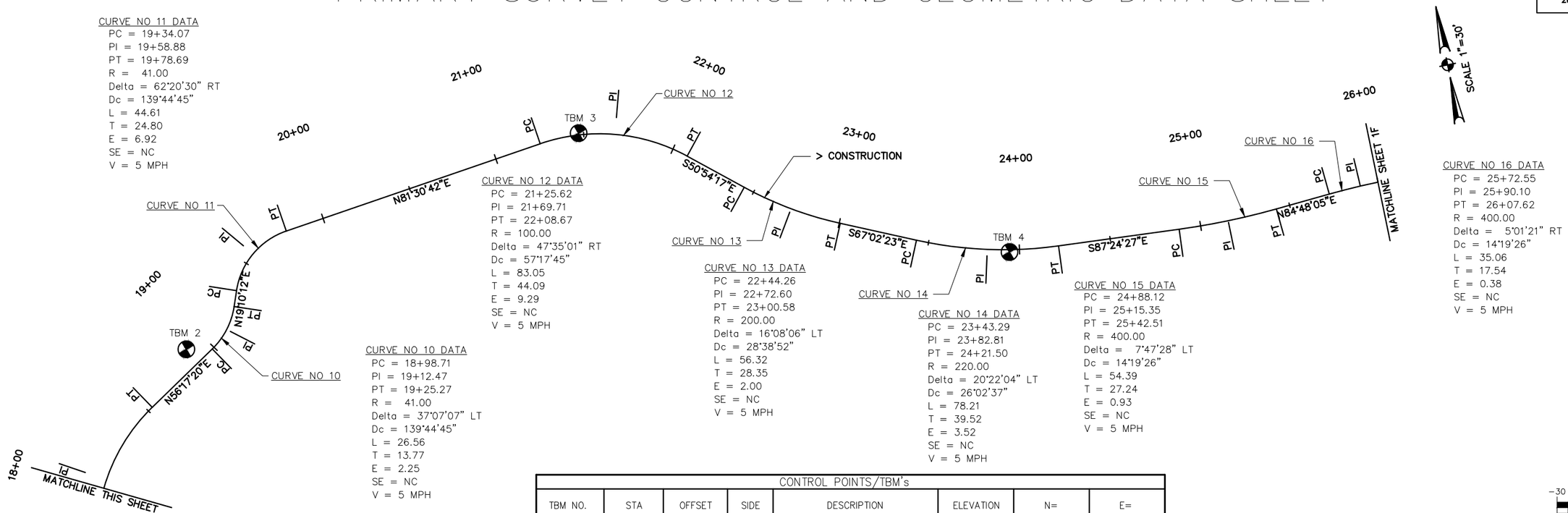
DEED BOOK	DB
REAL PROPERTY BOOK	RP
PLAT BOOK	PB
MAP BOOK	MB
PAGE	PG
OFFICIAL RECORD	OR
CAPPED (TYPICAL PLASTIC SURVEYORS CAP)	CAP
ALUMINUM CAP	ALUM CAP
BRASS CAP	BR CAP
IRON PIPE	IP
CRIMPED	CR
REINFORCING STEEL	REBAR
CONCRETE MONUMENT	CM
DAMAGED	DAM
CHISELED X	CH" X"
HUB AND TACK	H&T
NAIL AND BOTTLE TOP	N&BT
PARKER-KALON (MASONARY NAILS)	PK NAIL
FENCE POST	F-POST
RAILROAD IRON	RR IRON
COTTON SPINDLE	COT SP
ANGLE IRON	ANGLE IRON

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE MOBILE ALABAMA	SHEET TITLE PLAN LEGEND SHEET ABBREVIATIONS	ROUTE THREE MILE CREEK GREENWAY

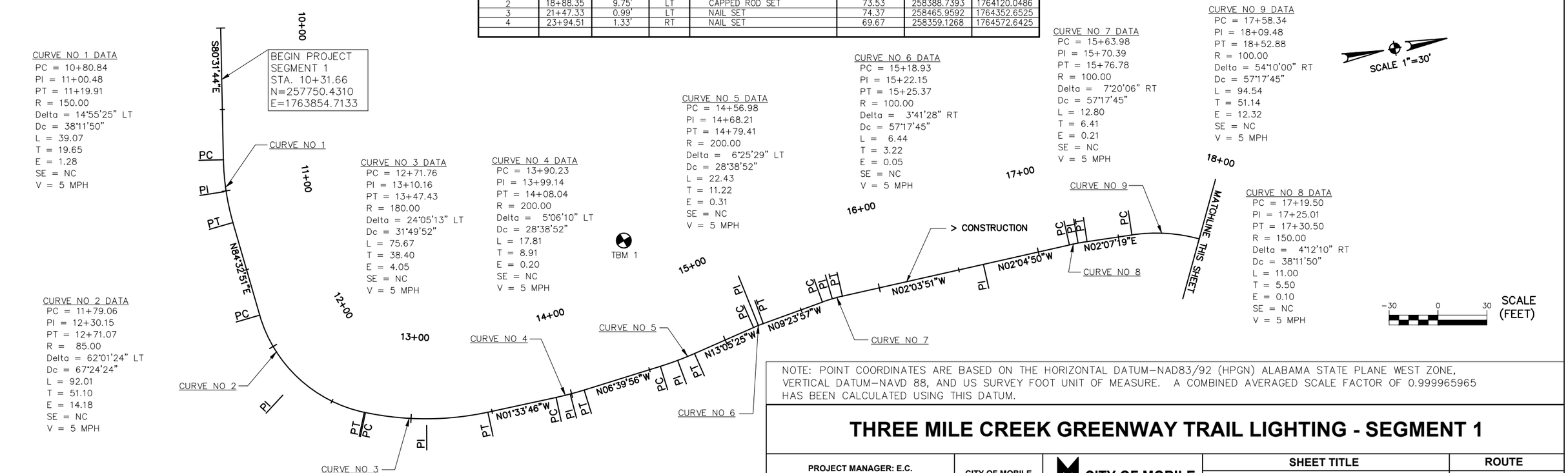
PRIMARY SURVEY CONTROL AND GEOMETRIC DATA SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	4



CONTROL POINTS/TBM's

TBM NO.	STA	OFFSET	SIDE	DESCRIPTION	ELEVATION	N=	E=
1	14+59.53	80.29'	LT	CAPPED ROD SET	74.11	257974.4959	1763997.3482
2	18+88.35	9.75'	LT	CAPPED ROD SET	73.53	258388.7393	1764120.0486
3	21+47.33	0.99'	LT	NAIL SET	74.37	258465.9592	1764352.6525
4	23+94.51	1.33'	RT	NAIL SET	69.67	258359.1268	1764572.6425



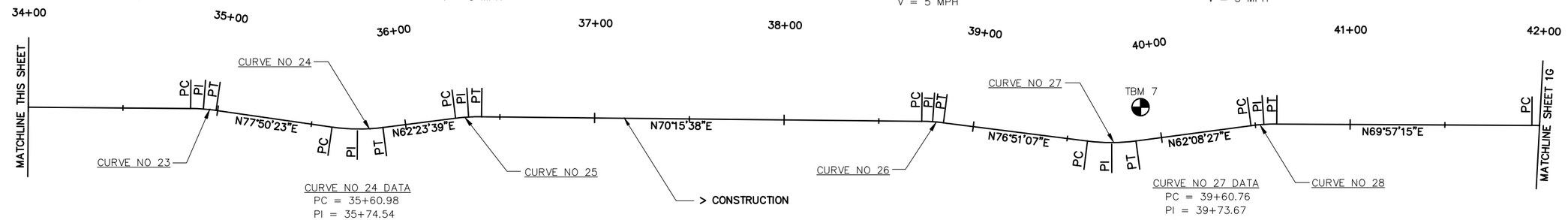
NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM–NAD83/92 (HPGN) ALABAMA STATE PLANE WEST ZONE, VERTICAL DATUM–NAVD 88, AND US SURVEY FOOT UNIT OF MEASURE. A COMBINED AVERAGED SCALE FACTOR OF 0.999965965 HAS BEEN CALCULATED USING THIS DATUM.

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			SURVEY CONTROL AND GEOMETRIC DATA STA. 10+00.00 TO STA. 26+00.00	THREE MILE CREEK GREENWAY

PRIMARY SURVEY CONTROL AND GEOMETRIC DATA SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	5



CURVE NO 23 DATA
PC = 34+85.70
PI = 34+92.44
PT = 34+99.17
R = 100.00
Delta = 7°43'04" RT
Dc = 57°17'45"
L = 13.47
T = 6.75
E = 0.23
SE = NC
V = 5 MPH

CURVE NO 24 DATA
PC = 35+60.98
PI = 35+74.54
PT = 35+87.94
R = 100.00
Delta = 15°26'44" LT
Dc = 57°17'45"
L = 26.96
T = 13.56
E = 0.92
SE = NC
V = 5 MPH

CURVE NO 25 DATA
PC = 36+26.61
PI = 36+33.49
PT = 36+40.34
R = 100.00
Delta = 7°51'59" RT
Dc = 57°17'45"
L = 13.73
T = 6.88
E = 0.24
SE = NC
V = 5 MPH

CURVE NO 26 DATA
PC = 38+72.66
PI = 38+78.42
PT = 38+84.17
R = 100.00
Delta = 6°35'30" RT
Dc = 57°17'45"
L = 11.50
T = 5.76
E = 0.17
SE = NC
V = 5 MPH

CURVE NO 27 DATA
PC = 39+60.76
PI = 39+73.67
PT = 39+86.44
R = 100.00
Delta = 14°42'40" LT
Dc = 57°17'45"
L = 25.68
T = 12.91
E = 0.83
SE = NC
V = 5 MPH

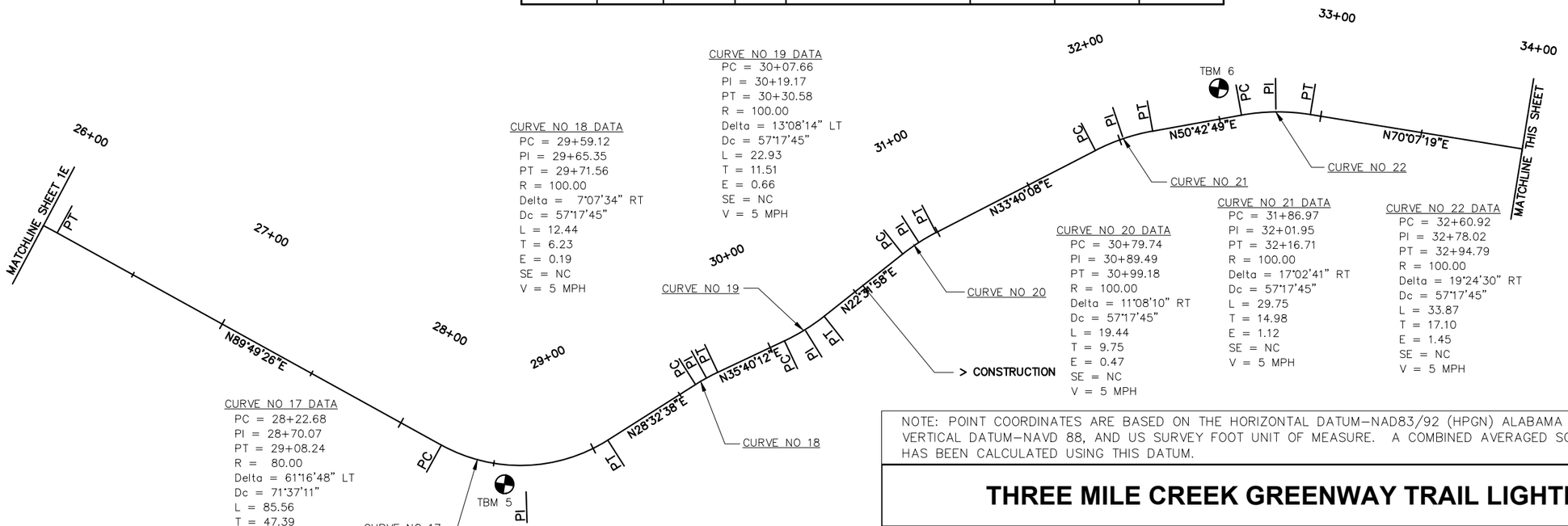
CURVE NO 28 DATA
PC = 40+47.65
PI = 40+54.48
PT = 40+61.29
R = 100.00
Delta = 7°48'48" RT
Dc = 57°17'45"
L = 13.64
T = 6.83
E = 0.23
SE = NC
V = 5 MPH

SCALE 1"=30'

−30 0 30 SCALE (FEET)

CONTROL POINTS/TBM's

TBM NO.	STA	OFFSET	SIDE	DESCRIPTION	ELEVATION	N=	E=
5	28+56.09	9.55'	RT	NAIL SET	64.62	258359.0786	1765036.8872
6	32+52.30	14.99	LT	NAIL SET	68.44	258698.8106	1765248.2964
7	39+91.12	17.30'	LT	NAIL SET	72.23	258949.1187	1765943.0920



CURVE NO 17 DATA
PC = 28+22.68
PI = 28+70.07
PT = 29+08.24
R = 80.00
Delta = 61°16'48" LT
Dc = 71°37'11"
L = 85.56
T = 47.39
E = 12.98
SE = NC
V = 5 MPH

CURVE NO 18 DATA
PC = 29+59.12
PI = 29+65.35
PT = 29+71.56
R = 100.00
Delta = 7°07'34" RT
Dc = 57°17'45"
L = 12.44
T = 6.23
E = 0.19
SE = NC
V = 5 MPH

CURVE NO 19 DATA
PC = 30+07.66
PI = 30+19.17
PT = 30+30.58
R = 100.00
Delta = 13°08'14" LT
Dc = 57°17'45"
L = 22.93
T = 11.51
E = 0.66
SE = NC
V = 5 MPH

CURVE NO 20 DATA
PC = 30+79.74
PI = 30+89.49
PT = 30+99.18
R = 100.00
Delta = 11°08'10" RT
Dc = 57°17'45"
L = 19.44
T = 9.75
E = 0.47
SE = NC
V = 5 MPH

CURVE NO 21 DATA
PC = 31+86.97
PI = 32+01.95
PT = 32+16.71
R = 100.00
Delta = 17°02'41" RT
Dc = 57°17'45"
L = 29.75
T = 14.98
E = 1.12
SE = NC
V = 5 MPH

CURVE NO 22 DATA
PC = 32+60.92
PI = 32+78.02
PT = 32+94.79
R = 100.00
Delta = 19°24'30" RT
Dc = 57°17'45"
L = 33.87
T = 17.10
E = 1.45
SE = NC
V = 5 MPH

SCALE 1"=30'

−30 0 30 SCALE (FEET)

NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM–NAD83/92 (HPGN) ALABAMA STATE PLANE WEST ZONE, VERTICAL DATUM–NAVD 88, AND US SURVEY FOOT UNIT OF MEASURE. A COMBINED AVERAGED SCALE FACTOR OF 0.999965965 HAS BEEN CALCULATED USING THIS DATUM.

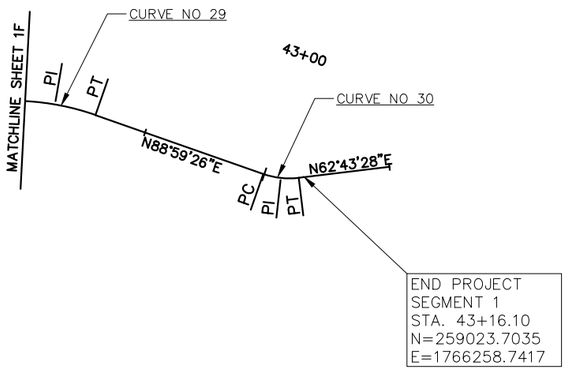
THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			SURVEY CONTROL AND GEOMETRIC DATA STA. 26+00.00 TO STA. 42+00.00	THREE MILE CREEK GREENWAY

PRIMARY SURVEY CONTROL AND GEOMETRIC DATA SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	6

CURVE NO 29 DATA
PC = 41+95.95
PI = 42+12.71
PT = 42+29.17
R = 100.00
Delta = 19°02'11" RT
Dc = 57°17'45"
L = 33.22
T = 16.77
E = 1.40
SE = NC
V = 5 MPH



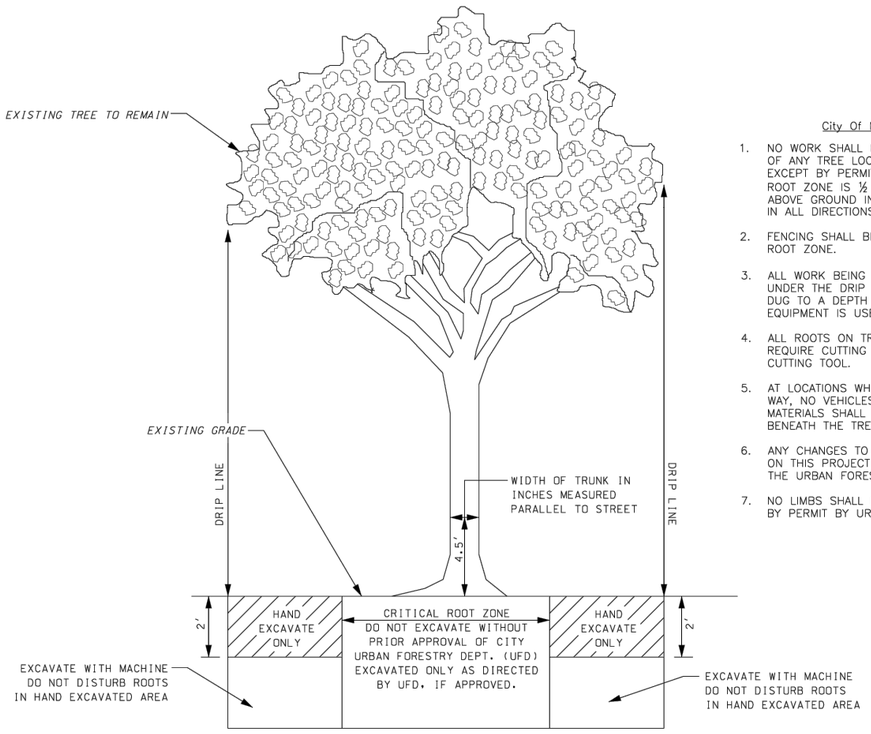
CURVE NO 30 DATA
PC = 42+99.60
PI = 43+06.84
PT = 43+13.82
R = 31.00
Delta = 26°15'58" LT
Dc = 184°49'30"
L = 14.21
T = 7.23
E = 0.83
SE = NC
V = 5 MPH

NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM–NAD83/92 (HPGN) ALABAMA STATE PLANE WEST ZONE, VERTICAL DATUM–NAVD 88, AND US SURVEY FOOT UNIT OF MEASURE. A COMBINED AVERAGED SCALE FACTOR OF 0.999965965 HAS BEEN CALCULATED USING THIS DATUM.

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			SURVEY CONTROL AND GEOMETRIC DATA STA. 42+00.00 TO STA. 43+16.10	THREE MILE CREEK GREENWAY

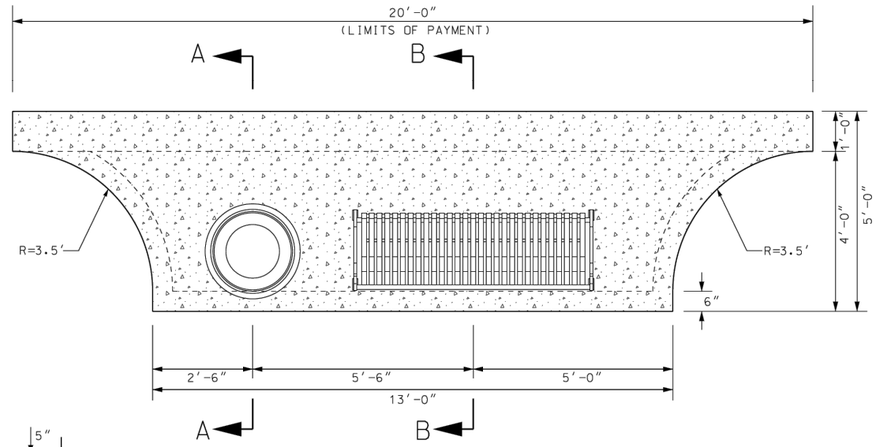
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	7



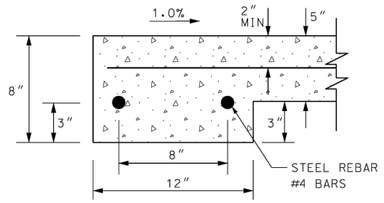
TREE ROOT PROTECTION DETAIL
N.T.S.

City Of Mobile Urban Forestry Standard

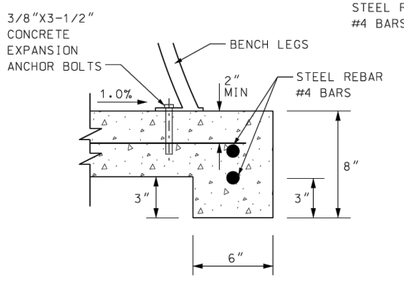
1. NO WORK SHALL BE DONE IN THE CRITICAL ROOT ZONE OF ANY TREE LOCATED IN THE CITY RIGHT OF WAY EXCEPT BY PERMIT FROM URBAN FORESTRY. CRITICAL ROOT ZONE IS ½ DIAMETER MEASURED AT 4½ FEET ABOVE GROUND IN INCHES X 12 MEASURED FROM TRUNK IN ALL DIRECTIONS
2. FENCING SHALL BE ERECTED AROUND ENTIRE CRITICAL ROOT ZONE.
3. ALL WORK BEING DONE BEHIND THE CURB, AND/OR UNDER THE DRIP LINE OF THE TREES SHALL BE HAND DUG TO A DEPTH OF 24 INCHES BEFORE MECHANICAL EQUIPMENT IS USED.
4. ALL ROOTS ON TREES IN THE PROJECT AREA THAT REQUIRE CUTTING SHALL BE CLEAN CUT WITH A SHARP CUTTING TOOL.
5. AT LOCATIONS WHERE TREES ARE ON THE CITY RIGHT OF WAY, NO VEHICLES, HEAVY EQUIPMENT OR CONSTRUCTION MATERIALS SHALL BE STORED OR PARKED NEXT TO OR BENEATH THE TREES.
6. ANY CHANGES TO THE PLANS THAT AFFECT THE TREES ON THIS PROJECT SHALL REQUIRE THE APPROVAL OF THE URBAN FORESTER.
7. NO LIMBS SHALL BE REMOVED FROM THE TREES EXCEPT BY PERMIT BY URBAN FORESTRY.



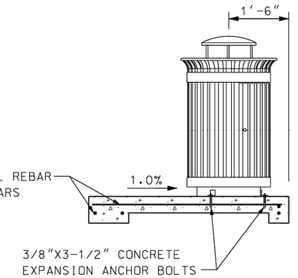
PLAN VIEW
N.T.S.



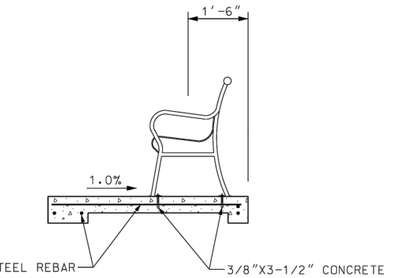
FOOTER DETAIL
N.T.S.



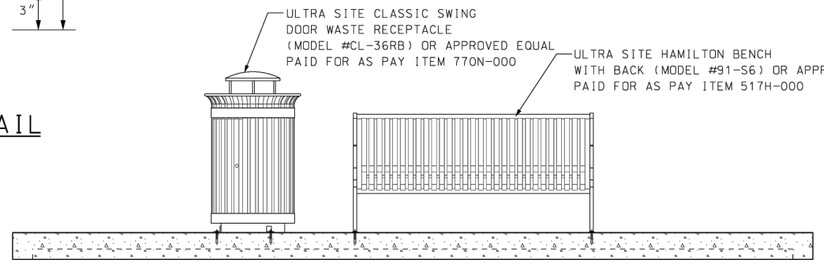
FOOTER DETAIL
N.T.S.



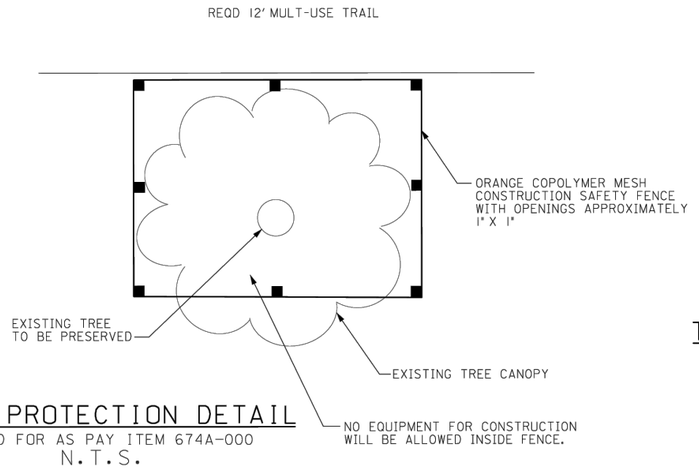
SECTION "A-A"
N.T.S.



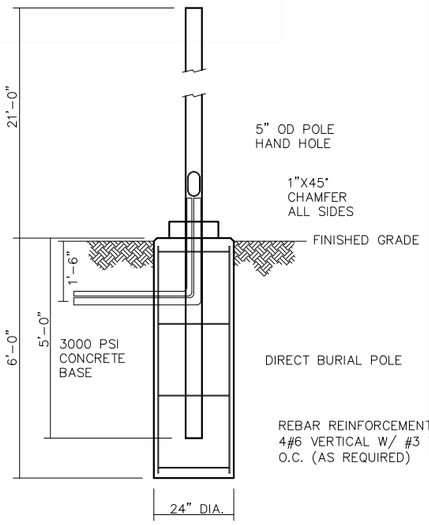
SECTION "B-B"
N.T.S.



CONCRETE PAD FOR BENCH AND WASTE RECEPTACLE
PAID FOR AS PAY ITEM 620A-000
N.T.S.



TREE PROTECTION DETAIL
PAID FOR AS PAY ITEM 674A-000
N.T.S.



TYPICAL LIGHT POLE FOUNDATION DETAIL
N.T.S.

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE CONSTRUCTION DETAILS TREE PROTECTION AND CONCRETE PAD	ROUTE THREE MILE CREEK GREENWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	8

CONSTRUCTION NOTES

1. CONTRACTOR COORDINATION TO INCLUDE THE DESIGNATED POINT–OF–CONTACT (POC) WITH MCELHENNEY CONSTRUCTION COMPANY, LLC. (MCC) DURING CONSTRUCTION.
2. ALL LABOR AND MATERIALS SHALL CONFORM TO THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2022 EDITION.
3. SUBGRADE AND BASE SHALL BE COMPACTED TO THE REQUIREMENTS OF THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER.
4. OMITTED
5. ALL UNPAVED AREAS AND ALL AREAS THAT HAVE BEEN GRADED, CUT, OR FILLED SHALL BE TREATED WITH AT LEAST 1,000 LBS. PER ACRE OF A SUITABLE COMMERCIAL FERTILIZER AND SODDED WITH ZOYSIA GRASS OR SEEDED WITH 654–A. A FIRM STAND OF PERMANENT GRASS WILL BE REQUIRED AND MAINTAINED.
6. THE CONTRACTOR WILL BE REQUIRED TO NOTIFY THE TESTING LABORATORY OF HIS WORKING SCHEDULE IN ORDER THAT THE PROPER SAMPLE MAY BE OBTAINED AND TEST MADE.
7. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.
8. ALL PERMANENT MULCH SHALL EITHER BE AN ALDOT APPROVED HYDRAULIC MULCH OR ANCHORED BY CRIMPING AND THE APPLICATION OF AN ALDOT APPROVED TACKIFIER ADHESIVE.
9. FUEL TANKS SHALL NOT BE STORED ON THE RIGHT–OF–WAY/EASEMENT OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC. ONTO RIGHT–OF–WAY SHALL NOT BE LEFT UNATTENDED.
10. ITEM 652–A SEEDING (NATIVE SEED MIX) SHALL BE AN ENGINEER APPROVED MIX THAT CONTAINS AT LEAST 2.01/. MILKWEED. THE MIX COMPOSITION SHOULD BE DESIGNED TO ATTRACT HUMMINGBIRDS, BUTTERFLIES AND OTHER NATIVE POLLINATORS. THE MIX FORMULATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE DEPENDING ON THE AVAILABILITY OF EXISTING AND NEW PRODUCTS. WHILE THE FORMULA MAY CHANGE, THE GUIDING PHILOSOPHY AND FUNCTION OF THE MIX WILL NOT.
11. ITEMS TO BE REMOVED THAT ARE NOT PROVIDED FOR BY PAY ITEMS OR SPECIFICALLY MENTIONED BY NOTE TO BE INCLUDED IN OTHER ITEMS OF WORK SHALL BE REMOVED IN ACCORDANCE WITH THE REQUIREMENTS FOR EXTRA WORK GIVEN IN ARTICLE I 04.03 OF THE SPECIFICATIONS.
12. POLE SPECIFICATION DETAILS CAN BE OBTAINED FROM THE CONTRACT ASSOCIATED WITH THIS PLAN SET AND/OR SESCO LIGHTING AT 850–262–0370.
13. ITEM 210D–000 IS INTENDED TO BE USED AS HAND HOLE AND JUNCTION BOX FILL.
14. ITEM 654A IS INTENDED TO SOD AROUND BARE GROUND LEFT ADJACENT TO CABINET AND POLE INSTALLATIONS.
15. CONSTRUCTION SIGNS AND CONES WILL BE UTILIZED BY DIRECTION OF THE CITY OF MOBILE'S PROJECT MANAGER.
16. ITEM 750D–1 AND 750D–2 (ELECTRICAL JUNCTION BOXES) ARE TO BE 36" HEIGHT X 24" WIDTH X 36" DEPTH.
17. OMIT (REMOVED PER ADDENDUM NO.2)
18. THE CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S RECOMMENDED POLE FOUNDATION INSTALLATION SPECIFICATIONS. IN THE EVENT CONCRETE IS REQUIRED PER THE MANUFACTURER, IT SHALL BE SUBSIDIARY OF ITEM 750B–001 (LIGHT POLE (CONCRETE DIRECT BURIAL)).
19. ITEM 620A–000 (MINOR STRUCTURE CONCRETE) IS PROVIDED FOR CONCRETE CONTINGENCIES THAT MAY ARISE DURING THE PROJECT. THIS ITEM'S USE MUST BE APPROVED BY THE CITY'S ENGINEER.
20. OMIT (REMOVED PER ADDENDUM NO.2)
21. ITEM 750E–113 (a & b) ARE BOTH "CONDUIT, 1 ¼ INCH, RIGID NONMETALLIC". THEY ARE SEPARATED OUT TO SHOW THE APPROXIMATE LINEAR FOOT OF FIBER CONDUIT VS. POWER CONDUIT.
22. ALL FIBER CONDUIT WILL BE ACCOMPANIED WITH SCHEDULE (SCH) 80 POWER CONDUIT, VARYING IN SIZE.
23. SEE RISER DIAGRAM ON SHEET 17 FOR WIRE ASSEMBLY FOR EACH LIGHTING CIRCUIT.

EROSION CONTROL NOTES

1. THE CONTRACTOR IS HEREBY DIRECTED TO PROVIDE WATTLE AND SILT FENCE PROTECTION WHERE NECESSARY TO PREVENT SILT LADEN RUNOFF FROM ENTERING STORM SYSTEM OR THREE MILE CREEK.
2. GRASS GROUND COVER SHALL BE ESTABLISHED AND MAINTAINED UPON COMPLETION OF CONSTRUCTION.
3. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS SHOWN AND/OR DIRECTED BY THE PROJECT ENGINEER.
4. THE CITY OF MOBILE WILL BE THE NPDES PERMITTEE FOR THIS PROJECT. A NOTICE OF INTENT FOR NPDES PERMIT COVERAGE HAS BEEN FILED WITH ADEM. A COPY OF THE CONSTRUCTION BEST MANAGEMENT PRACTICES PLANS (CPMPP) IS AVAILABLE THROUGH THE OFFICE ENGINEER PRIOR TO BIDDING.

UTILITIES OWNERS

ALABAMA POWER CO.

A.O. BOX 2247

MOBILE, ALABAMA 36652

CONTACT: DAVID RICHARDSON – (251) 694–2450

MOBILE AREA WATER ANO SEWER SYSTEM

4725 MOFFETT ROAD

MOBILE, AL 36618

CONTACT: ALLEN TYREE – (251) 694–3161

UTILITIES NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATION & SIZE OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, IN ADDITION TO FIELD VERIFICATION AND REFERENCING AS–BUILT DRAWINGS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIR OF ANY AND ALL DAMAGES TO EXISTING UTILITY LINES CAUSED BY THE CONTRACTOR'S CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE PROJECT.
3. THE CONTRACTOR SHALL BE REQUIRED TO USE THE ONE–CALL CENTER TELEPHONE NUMBER (800) 292–8525 AND MAWSS 694–3191 FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.
4. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE POWER COMPANY/ALABAMA POWER TO COORDINATE AND FACILITATE ANY REQUIRED SHORING OR TEMPORARY SUPPORT OF POWER POLES DURING CONSTRUCTION. ANY COST FOR THIS WORK SHALL BE PAID FOR AS A SUBSIDIARY OBLIGATION OF OTHER ITEMS OF WORK.
5. ALL WATER VALVES NEED TO BE LOCATED, UNCOVERED, AND OPERATED BEFORE CONSTRUCTION ACTIVITIES START.
6. THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT METER IF WATER FROM THE HYDRANT FOR TESTING AND OTHER ACTIVITIES IS REQUIRED.
7. BEFORE ANY WATER SHUT–OFFS, THE CONTRACTOR MUST NOTIFY ALL CUSTOMERS (BOTH RESIDENTIAL AND COMMERCIAL) VIA FLYER PLACED AS A DOOR HANGER OR DELIVERED A MINIMUM OF 24 HOURS BEFORE THE WATER IS SHUT. THE FLYER SHOULD STATE THE PURPOSE, CONTRACTOR'S NAME, CONTACT NUMBER (24 HOURS AVAILABILITY), TIME OF WATER SHUT AND ESTIMATED OUT AGE TIME.
8. THE CONTRACTOR IS TO TAKE SPECIAL CARE WHEN WORKING AROUND OR IN THE VICINITY OF THE MAWSS SEWER MAIN AS TO NOT CAUSE DAMAGE TO THE LINE THAT MAY RESULT IN A LEAK OR BREAK OF THE LINE CAUSING POLLUTION TO ENTER THREE MILE CREEK. THE CONTRACTOR IS RESPONSIBLE FOR HIS WORK OPERATION AND THE CONSEQUENCES RESULTING FROM HIS WORK OPERATION OR NEGLIGENCE THERE OF.

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			PROJECT NOTES	THREE MILE CREEK GREENWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	9

MOBILE INFORMATION TECHNOLOGY (MIT) NOTES

1. IF THE ELECTRICAL IS INTERMINGLED WITH THE FIBER IN THE SAME HH BOX CALL OUT THE LID AS TRAFFIC RATED AND WITH THE INSCRIPTION "ELECTRIC" INSTEAD OF "FIBER OPTIC".
2. RED OR BLACK HDPE CONDUIT FOR THE POWER AND ORANGE FOR THE FIBER OPTIC IS REQUIRED.
3. APP PIPE ENTRANCES INTO THE BOX SHALL COME FROM THE OPEN BOTTOM AND NOT BY CORING A HOLE INTO THE SIDE OF THE BOX WHEN GOING UP THE POLES.
4. THE CONDUIT, IF BORING NEEDS TO BE CALLED OUT AS AN SDR11 GRADE PIPE.
5. THE HH BOX SHOULD BE FILLED WITH 3 INCHES OF GRAVEL.
6. ALL CONDUITS ENTERING THE HH BOX SHALL EXTEND AT LEAST 6 INCHES ABOVE THE PEA GRAVEL FILL AND CAPPED USING PVC ELECTRICAL 1 ¼ INCH DEAD END CAPS IF NOT FILLED EX. ––(FIBER OPTIC)
7. ALL UNUSED CONDUITS EX. ––(FIBER OPTIC) SHALL HAVE PULL LINES INSTALLED FROM THE BEGINNING TO THE NED OF THEIS SECTION OF THE TRAIL UNDER CONSTRUCTION.
8. CONDUIT SPARES SHOULD EXTEND OUT FROM ALL SIDES OF THE CABINET FOOTPRINT –– 1 ¼ INCH SCH. 40 PVC AS WELL AS ¾ INCH PVC FOR GROUND WIRE ENTRANCE.
9. ALL HDPE CONDUIT IF BORED SHALL USE COMPRESSION TYPE COUPLINGS DESIGNED TO BE USED WITH HDPE CONDUIT IF A SPLICE IS NEEDED.
10. TWO CONDUITS WILL BE PROVIDED TO EACH POLE UNDER THIS CONTRACT. THE INSTALLERS ARE TO ONLY UTILIZE ONE CONDUIT FOR RUNNING POWER TO EACH POLE RESPECTIVELY.
11. CONDUIT, JUNCTION BOXES, AND NETWORK CABINETS ARE TO BE INSTALLED IN ANTICIPATION FOR FUTURE FIBER OPTIC CABLING, CAMERAS, AND WIFI CAPABILITY. (THE FIBER OPTIC CABLING, CAMERAS, AND WIFI CAPABILITY, WILL NOT BE INSTALLED UNDER THIS CONTRACT.)

URBAN FORESTRY CONSTRUCTION NOTES

ANY VIOLATIONS OF THE FOLLOWING REQUIREMENTS MANDATE A TICKET TO ALL PARTIES CONCERNED AND A SHUT DOWN OF THE PROJECT.

1. ALL WORK BEING DONE BEHIND THE CURB, AND/OR UNDER THE DRIP LINE OF THE TREE SHALL BE HAND DUG TO A DEPTH OF 24 INCHES BEFORE MECHANICAL EQUIPMENT CAN BE USED.
2. ALL ROOTS ON TREE IN THE PROJECT AREA THAT REQUIRE CUTTING SHALL BE CLEAN CUT WITH A SHARP CUTTING TOOL.
3. AT LOCATIONS WHERE TREES ARE ON THE CITY RIGHT–OF–WAY, NO VEHICLES, HEAVY EQUIPMENT OR CONSTRUCTION MATERIALS SHALL BE STORED OR PARKED NEXT TO OR BENEATH THE TREES.
4. ANY CHANGES TO THE PLAN THAT WOULD AFFECT THE TREES ON THIS PROJECT SHALL REQUIRE THE APPROVAL OF THE URBAN FORESTER.
5. ANY LIMB REMOVAL SHALL BE PREFORMED BY A CERTIFIED ARBORIST.
6. PROTECTIVE FENCING IS REQUIRED AROUND ALL TREES ON RIGHT–OF–WAY DURING THE DURATION OF THE PROJECT. THE PROTECTIVE FENCING SHALL BE INSTALL SO THAT THE CRITICAL ROOT ZONE OF THE TREE ON RIGHT–OF–WAY IS PROTECTED.
7. CRITICAL ROOT ZONE IS 1/2 DIAMETER (FEET) OF THE TREE MEASURED AT 41/2 FEET ABOVE GROUND MEASURED FROM TRUNK IN ALL DIRECTIONS. NOTE: CRITICAL ROOT ZONE DOES NOT INCLUDE EXISTING PAVED ROAD AREAS.
8. CONTRACTOR SHALL INSURE THAT EXHAUST FROM CONSTRUCTION EQUIPMENT IS NOT DIRECTED AT OR TOWARD ANY TREES THAT WOULD RESULT IN INJURY TO THE TREE.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND THE CITY OF MOBILE URBAN FORESTRY REPRESENTATIVE SHALL MEET ON SITE AND WALK THE PROJECT TO VERIFY ANY TREE LIMB OBSTRUCTIONS.

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			PROJECT NOTES	THREE MILE CREEK GREENWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	10

( ) DENOTES NOTES THAT APPLY TO THIS PROJECT

(700) THE TRAFFIC CONTROL PLAN IS DEVELOPED IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PART 6, CURRENT EDITION. THE TRAFFIC CONTROL DEVICES INDICATED REPRESENT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS WARRANT ADDITIONAL TRAFFIC CONTROL DEVICES, THEY SHALL BE INSTALLED IN CONFORMANCE WITH THE M.U.T.C.D. PART 6 AS DIRECTED BY THE ENGINEER. COST SHALL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.

(701) ALL BLACK ON ORANGE CONSTRUCTION SIGNS SHALL BE FABRICATED USING TYPES IV, VII OR VIII FLUORESCENT ORANGE REFLECTIVE SHEETING MATERIAL FOR THE SIGN BACKGROUND.

(702) DURING NON-WORKING HOURS NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC. WHEN THIS IS NOT PRACTICAL, IT SHALL BE PLACED IN AN AREA DESIGNATED BY THE ENGINEER AND DELINEATED BY REFLECTORIZED DRUMS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR OTHER TEMPORARY SIGNS, BARRICADES, DRUMS, ETC., WHICH ARE NOT IN USE DURING NON-WORKING HOURS. TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT. (SEE SKETCH ON SHEET 21)

(703) WHERE THE LOCATION OF A REQUIRED SIGN FALLS IN A DRIVEWAY, SIDEWALK, BRIDGE, ETC. OR WHERE THE VISIBILITY OF A SIGN IS LIMITED TO THE TRAVELING PUBLIC, THE LOCATION SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

(704) THE CONTRACTOR IS TO REMOVE, RELOCATE OR COVER DURING CONSTRUCTION AND THEN RESET OR UNCOVER UPON COMPLETION OF A PARTICULAR SECTION ANY CONFLICTING IN-PLACE ROADWAY SIGNS AND DELINEATORS, AS DIRECTED BY THE ENGINEER. SIGNS REQUIRING REMOVAL SHALL BECOME PROPERTY OF THE CITY OF MOBILE. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

705 DURING ALL PHASES OF WORK, NON-APPLICABLE PAVEMENT STRIPING OR MARKINGS SHALL BE REMOVED AND APPROPRIATE PAVEMENT STRIPING OR MARKINGS SHALL BE PLACED AS EXPEDITIOUSLY AS PRACTICAL, BUT IN ALL CASES, SHALL BE IN PLACE BY NIGHTFALL ON ANY ROADWAY CARRYING TRAFFIC, EXCEPT ON SHORT TERM OPERATIONS WHERE IT IS DETERMINED BY THE ENGINEER, THAT SUCH REMOVAL AND REPLACEMENT IS MORE HAZARDOUS THAN LEAVING EXISTING MARKINGS IN PLACE. COST OF ANY REMOVAL SHALL BE PAID FOR UNDER ITEM 701D OR AS A SUBSIDIARY OBLIGATION OF ITEM 701C.

706 OMIT

(707) THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER, IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.

(708) ALL VEHICLES, EQUIPMENT, PERSONNEL (EXCEPT FLAGGERS), AND THEIR ACTIVITIES, ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

(709) THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.

(710) CONSTRUCTION SIGNS MOUNTED ON TEMPORARY SUPPORTS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5 FEET.

(711) FLAGGERS SHALL BE PROPERLY ATTIRED, EQUIPPED WITH STAFF MOUNTED STOP/SLOW PADDLES IN SIGHT OF EACH OTHER, OR HAVE DIRECT COMMUNICATION AT ALL TIMES. FLAGGER STATION LOCATION MAY BE VARIED FROM THOSE SHOWN BASED ON ROADWAY ALIGNMENT AND CONDITIONS AT THE TIME OF THE LANE CLOSURE.

(712) FLAGGERS ARE TO BE USED WHEN DIRECTED BY THE ENGINEER. SIGNS SHALL BE PLACED AT THE APPROPRIATE TIME, AND SHALL BE COVERED OR REMOVED WHEN FLAGGERS ARE NOT ON DUTY AND DURING NON-WORKING HOURS.

(713) FOR MOVING OPERATIONS, THE TRAFFIC CONES MAY BE DELETED IF THE FLAGGERS ARE IN SIGHT OF EACH OTHER, OR IF A PILOT CAR IS USED ON A TWO LANE ROADWAY.

714 OMIT

(715) ALL CONTRACTOR'S EMPLOYEES' PERSONAL VEHICLES, AND CONTRACTOR'S EQUIPMENT NOT IN OPERATION, SHALL BE PARKED A MINIMUM OF THIRTY (30) FEET FROM THE TRAVELED WAY DURING WORKING HOURS, AS NOT TO CREATE A HAZARD.

(716) THE TRAFFIC CONTROL PLAN IS NOT ALL INCLUSIVE. THE TCP PROVIDES SEVERAL DETAILED DRAWINGS INDICATING THE MINIMUM TRAFFIC CONTROL NECESSARY FOR THE DIFFERENT CONSTRUCTION ACTIVITIES ANTICIPATED FOR THIS PROJECT. THE CONTRACTOR SHALL SELECT THE DETAILED DRAWING THAT BEST FITS THE ACTIVITY TO BE PERFORMED.

717 OMIT

718 REQUIRED TEMPORARY ROUTE MARKER ASSEMBLIES THAT ARE TO BE LOCATED IN THE VICINITY OF EXISTING ROUTE MARKERS SHOULD BE PLACED ALONG SIDE OF THOSE ALREADY IN PLACE. SOME EXISTING ROUTE MARKERS MAY HAVE TO BE COVERED OR REMOVED, AS DIRECTED BY THE ENGINEER. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

719 THE CONTRACTOR WILL BE PERMITTED TO DEVELOP HIS OWN TRAFFIC CONTROL PLAN TO BE USED IN LIEU OF THIS TRAFFIC CONTROL PLAN IF APPROVED BY THE CITY TRAFFIC ENGINEER. COST OF CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL NOT EXCEED THE COST OF THE TRAFFIC CONTROL PLAN AS SHOWN.

(720) ALL TRAFFIC CONTROL DEVICES THAT ARE NOT APPLICABLE AT ANY SPECIFIC TIME SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

721 OMIT

722 OMIT

(723) THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE SAFETY OF PEDESTRIAN TRAFFIC CROSSING THE WORK ZONES DURING CONSTRUCTION.

724 OMIT

(725) ALL SIGNS SHALL BE POST-MOUNTED IF THE WORK PERIOD EXCEEDS FOUR DAYS, EXCEPT FOR THOSE SIGNS WHICH ARE MOUNTED ON BARRICADES. FOR REPEATED DAY OPERATIONS, SIGNS MAY BE MOUNTED ON TEMPORARY SUPPORTS AND REMOVED AT THE COMPLETION OF THE DAY'S OPERATION.

726 OMIT

727 DURING THE WIDENING OR RESURFACING OF ANY ROADWAY CARRYING TRAFFIC, THE CONTRACTOR SHALL ADVISE THE MOTORISTS OF ANY EDGE OF PAVEMENT DROP-OFFS 3 INCHES OR GREATER BY PLACING SHOULDER DROP-OFF SIGNS EVERY 1/2 MILE BEGINNING PRIOR TO THE WIDENING OR RESURFACING. REQUIRED SHOULDER WORK TO ELIMINATE THE DROP-OFFS SHALL BE PURSUED IN AN EXPEDITIOUS MANNER FOLLOWING THE WIDENING AND/OR RESURFACING.

(728) A DIFFERENCE IN ELEVATION OF APPROXIMATELY 2 INCHES OR LESS AT THE CENTERLINE MAY BE ALLOWED DURING NON-WORKING HOURS WITHOUT ADDITIONAL TRAFFIC CONTROL AS LONG AS THE EDGE IS TAPERED OR ROUNDED TO ELIMINATE A VERTICAL DROP-OFF. SPECIAL CONDITIONS MAY EXIST WHERE PROTECTION SHOULD BE PROVIDED WHERE THE DIFFERENCE IS 2 INCHES OR LESS.

(729) SIGNS ON TEMPORARY SUPPORTS ARE TO BE REMOVED OR COVERED WHEN NO WORK IS BEING PERFORMED OR AT THE COMPLETION OF THE DAY'S OPERATION.

730 OMIT

731 OMIT

(732) CHANNELIZING DRUMS SHOULD BE PLACED ON 10 FOOT INTERVALS IN RADII.

(733) CHANNELIZING DRUMS PLACED TO PROTECT COMPLETED WORK NOT OPEN TO TRAFFIC SHOULD BE SPACED AT 50 FOOT INTERVALS.

(734) CHANNELIZING DRUMS PLACED IN THE EXCAVATED AREA AHEAD OF PAVING OPERATIONS SHOULD BE SPACED AT 50 FOOT INTERVALS.

(735) CHANNELIZING DRUMS PLACED ON PAVEMENT DURING WORKING HOURS SHALL BE SHIFTED TO THE EDGE OF SHOULDER DURING NON-WORKING HOURS AND DURING PEAK PERIODS.

(736) CHANNELIZING DRUMS SHOULD BE PLACED ON 25 FOOT INTERVALS THROUGHOUT ALL TAPERS.

(737) CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.

738 OMIT

739 THE QUANTITIES SHOWN IN THE TRAFFIC CONTROL SUMMARY BOX ARE CONSIDERED TO BE THE MINIMUM REQUIREMENT FOR HANDLING TRAFFIC AT ANY GIVEN TIME DURING CONSTRUCTION.

740 LIGHTWEIGHT TYPE B WARNING LIGHTS (WEIGHING 3.3 POUNDS OR LESS) WITH DETACHABLE HEADS MAY BE USED ON DRUMS IN SPECIAL SITUATIONS AS SHOWN ON THE PLANS. TYPE B WARNING LIGHTS WITH DETACHABLE HEADS USED ON BARRICADES SHALL BE LIGHTWEIGHT (WEIGHING 3.3 POUNDS OR LESS). ANY HEAVYWEIGHT WARNING LIGHTS ON BARRICADES MUST BE CERTIFIED BY THE VENDOR AS TO CRASH WORTHINESS OF THE BARRICADE AND WARNING LIGHT COMBINATION.

741 FOR DIVIDED ROADWAYS, THE REQUIRED ADVANCE WARNING SIGNS SHALL BE POSTED ON BOTH THE RIGHT AND LEFT SIDE OF THE ROADWAY.

(742) THE CONTRACTOR SHALL CLOSE THE LANE ADJACENT TO THE WORK AREA ANYTIME WORK OUTSIDE THE EXISTING TRAVEL LANES ENCROACHES WITHIN 2 FEET OF THE EXISTING TRAVEL LANES.

743 OMIT

(744) THE TRANSITION TAPER LENGTH (L) IS SHOWN IN TABLE 6C-2, AND THE BUFFER LENGTH IS SHOWN IN TABLE 6E-1 OF THE MUTCD, PART 6, 2009 EDITION.

745 OMIT

746 UNEVEN PAVEMENT SIGNS SHALL BE COVERED OR REMOVED WHEN NO UNEVEN PAVEMENT CONDITIONS EXIST.

(747) MOVING OPERATIONS SHALL BE CONFINED TO ONE LANE IN THE DIRECTION OF TRAFFIC.

748 R16-3 AND R16-4 SIGNS SHALL BE REQUIRED FOR EVERY PROJECT ON STATE ROUTES AND INTERSTATE HIGHWAYS. THEY SHALL BE POSTED AT THE BEGINNING AND END OF THE PROJECT. AN R2-1 SIGN SHALL ALWAYS BE REQUIRED FOLLOWING AN R16-3 SIGN. ADDITIONAL R16-3 SIGNS SHALL BE POSTED AT MAXIMUM THREE MILE INTERVALS THROUGHOUT THE PROJECT LIMITS. ADDITIONAL R16-3 SIGNS SHALL BE REQUIRED WITH R2-5A AND R2-1 SIGNS WHENEVER A REDUCTION OF SPEED IS REQUIRED FOR A WORK AREA SUCH AS A LANE CLOSURE WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL COVER OR REMOVE THE R2-1 (REGULATORY SPEED SIGNS) AND THE R2-5A (REDUCED SPEED LIMIT SIGNS) WHEN A SPEED REDUCTION THROUGH THE CONSTRUCTION WORK ZONE IS NOT REQUIRED AND THE CONSTRUCTION ACTIVITY AND/OR LOCATION OF WORK ACTUALLY BEING PERFORMED DOES NOT PRESENT A CLEAR AND PRESENT DANGER TO CONSTRUCTION WORKERS OR THE TRAVELING PUBLIC.

749 WHEN A CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION IS NOT REQUIRED AT THE END OF THE WORK DAY. THE CONTRACTOR SHALL COVER OR REMOVE THE REDUCED R2-1 (REGULATORY SPEED SIGNS) AND THE W3-5B (REDUCED SPEED AHEAD) SIGNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

750 DURING REPLACEMENT OF GUARDRAIL AND/OR GUARDRAIL END ANCHORS, A REFLECTORIZED DRUM WITH A LIGHTWEIGHT TYPE B WARNING LIGHT (WEIGHING 3.3 POUNDS OR LESS) WITH A DETACHABLE HEAD SHALL BE PLACED BEFORE THE END OF ANY EXPOSED GUARDRAIL AT NIGHT WHERE THE GUARDRAIL END ANCHOR CANNOT BE REPLACED IN ONE DAY'S TIME.

(751) CONSTRUCTION SIGNS MOUNTED ON A SINGLE OR DUAL SQUARE TUBULAR OR U-CHANNEL POST SHALL BE INSTALLED AS SHOWN ON SPECIAL DRAWING NOS. IHS-710-21 AND IHS-710-23. SINGULAR OR DUAL 4 X 4 WOOD POSTS ARE CONSIDERED BREAKAWAY.

(752) THE CONTRACTOR AND THE CONSTRUCTION ENGINEER SHALL DISCUSS AND PLAN FOR THE HANDLING OF TRAFFIC FOR ALL HOLIDAYS BEFORE ANY WORK BEGINS. UNLESS OTHERWISE PRE-APPROVED BY THE REGION ENGINEER, THE FOLLOWING SHALL HOLD:

THE CONTRACTOR SHALL NOT HAVE A LANE CLOSURE DURING THE FOLLOWING PERIODS UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR ALDOT:

FOR CHRISTMAS AND NEW YEARS DAY:
FROM 11:59 PM DECEMBER 23 THROUGH 6:00 AM JANUARY 2.

FOR NATIONAL MEMORIAL DAY AND LABOR DAY:
FROM 12:00 NOON THE FRIDAY BEFORE THE HOLIDAY THROUGH 11:59 PM THE DAY OF THE HOLIDAY.

FOR INDEPENDENCE DAY (THE 4TH OF JULY):
FROM 12:00 NOON THE DAY BEFORE THE HOLIDAY THROUGH 11:59 PM THE DAY OF THE HOLIDAY.

FOR THANKSGIVING DAY:
FROM 12:00 NOON THE WEDNESDAY BEFORE THANKSGIVING DAY THROUGH 11:59 PM THE SUNDAY FOLLOWING THANKSGIVING DAY.

ANY OTHER STATE HOLIDAYS WILL BE HANDLES AS APPROVED BY THE PROJECT ENGINEER.

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND LOCAL GOVERNMENT ON TRAFFIC AND/OR WORK RESTRICTIONS FOR LOCAL HOLIDAYS OR EVENTS NOT LISTED ON ALDOT'S LIST OF OFFICIAL STATE HOLIDAYS.

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			GENERAL TRAFFIC CONTROL PLAN NOTES	THREE MILE CREEK GREENWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	11

SUMMARY OF QUANTITIES			
ITEM NO.	TOTAL	UNIT	DESCRIPTION
210D-000	50	CY (TBM)	BORROW EXCAVATION (UNDERWATER BACKFILL)
600A-000	1	LS	MOBILIZATION
620A-000	8	CY	MINOR STRUCTURE CONCRETE
650A-000	200	CY	TOPSOIL (4" COMPACTED THICKNESS)
652A-100	2	ACRE	SEEDING (NATIVE SEED MIX)
654A-005	200	SQ YD	SOLID SODDING (EMERALD ZOYSIA)
656A-010	2	ACRE	MULCHING
665Q-002	300	LIN FT	WATTLE
674A-000	500	LIN FT	CONSTRUCTION SAFETY FENCE
729I-701	5635	LIN FT	CONDUCTOR, 6 AWG (XHHW-2)
729I-702	15615	LIN FT	CONDUCTOR, 4 AWG (XHHW-2)
729I-703	21265	LIN FT	CONDUCTOR, 2 AWG (XHHW-2)
729J-024	15	EACH	ITS CABINET (POLE MOUNT)
729J-016	1	EACH	NETWORK HUB CABINET
740B-000	50	SQ FT	CONSTRUCTION SIGNS
740E-000	50	EACH	CONES
750B-001	42	EACH	LIGHT POLE (CONCRETE DIRECT BURIAL)
750B-002	42	EACH	LED LIGHT FIXTURE WITH MOUNT
750D-001	1	EACH	JUNCTIN BOX (TYPE 1 JB)
750D-002	22	EACH	HAND HOLE (TYPE 2 JB)
750E-113 (a)	3550	LIN FT	CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SDR 11 FIBER CONDUIT) (COLOR VARIES)
750E-113 (b)	1195	LIN FT	CONDUIT, 1 1/4 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)
750E-115	1630	LIN FT	CONDUIT, 2 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)
750E-116	1920	LIN FT	CONDUIT, 2 1/2 INCH, RIGID NONMETALLIC (HDPE SCH 80 POWER CONDUIT) (COLOR VARIES)
750I-015	1	EACH	LIGHTING CONTROL CENTER (LCC)
750H-005	1	EACH	SERVICE POLE (WOOD)

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			SUMMARY OF QUANTITIES	THREE MILE CREEK GREENWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	12

Area	Pole No.	Station	Side	Circuit	750D-201 Hand Hole (Type 2 JB)	750D-200 Junction Box (Type 1)	750I-015 Lighting Control Center (LCC)	729J-016 Network Hub	729J-024 ITS Cabinet (pole mount)	729I-701 Conductor, 6 AWG (XHHW-2)	729I-702 Conductor, 4 AWG (XHHW-2)	729I-703 Conductor, 2 AWG (XHHW-2)	750B-1 Light Pole (Direct Burial Concrete)	750B-2 Light Fixture w/ mount	Comments
Locations Identified on Plan Set					7	1	1	1		5635	15615	21265			
Japanese Gardens Parking Lot	1	10+52.69	LT	1	1				1				1	1	Network Pole
	2	11+06.25	LT	1									1	1	
	3	11+16.39	RT	1									1	1	
	4	11+45.05	RT	1	1				1				1	1	Network Pole
	5	11+68.66	RT	1									1	1	
	6	11+80.79	LT	1									1	1	
	7	12+75.87	LT	1									1	1	
	8	13+79.60	LT	1	1				1				1	1	Network Pole
	9	14+80.49	LT	1									1	1	
	10	15+85.45	LT	1	1				1				1	1	Network Pole
Three Mile Creek Greenway Trail - Segment 1	11	12+19.91	LT	2									1	1	
	12	13+18.17	LT	2	1				1				1	1	Network Pole
	13	13+97.22	LT	2									1	1	
	14	15+15.28	LT	2									1	1	
	15	16+17.49	LT	2	1				1				1	1	Network Pole
	16	17+17.71	LT	2									1	1	
	17	18+22.55	LT	2									1	1	
	18	19+21.37	RT	2	1				1				1	1	Network Pole
	19	20+32.34	LT	2									1	1	
	20	21+33.92	LT	2									1	1	
	21	22+39.26	LT	2	1				1				1	1	Network Pole
	22	23+35.68	LT	2									1	1	
	23	24+32.56	LT	2									1	1	
	24	25+32.30	LT	2	1				1				1	1	Network Pole
	25	26+33.10	LT	2									1	1	
	26	27+32.45	LT	2									1	1	
	27	28+23.57	LT	2	1				1				1	1	Network Pole
	28	29+30.08	RT	2									1	1	
	29	30+29.70	RT	2									1	1	
	30	31+29.21	RT	2	1				1				1	1	Network Pole
	31	32+32.94	RT	2									1	1	
	32	33+36.52	RT	2									1	1	
	33	34+36.58	RT	2	1				1				1	1	Network Pole
	34	35+37.24	RT	2									1	1	
	35	36+35.16	RT	2									1	1	
	36	37+34.94	RT	2	1				1				1	1	Network Pole
	37	38+35.58	RT	2									1	1	
	38	39+35.66	RT	2									1	1	
	39	40+33.53	RT	2	1				1				1	1	Network Pole
	40	41+32.92	LT	2									1	1	
	41	42+36.07	LT	2									1	1	
	42	43+11.33	LT	2	1				1				1	1	Network Pole
Total					22	1	1	1	15	5635	15615	21265	42	42	

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1 & JAPANESE GARDENS PARKING LOT LIGHTING

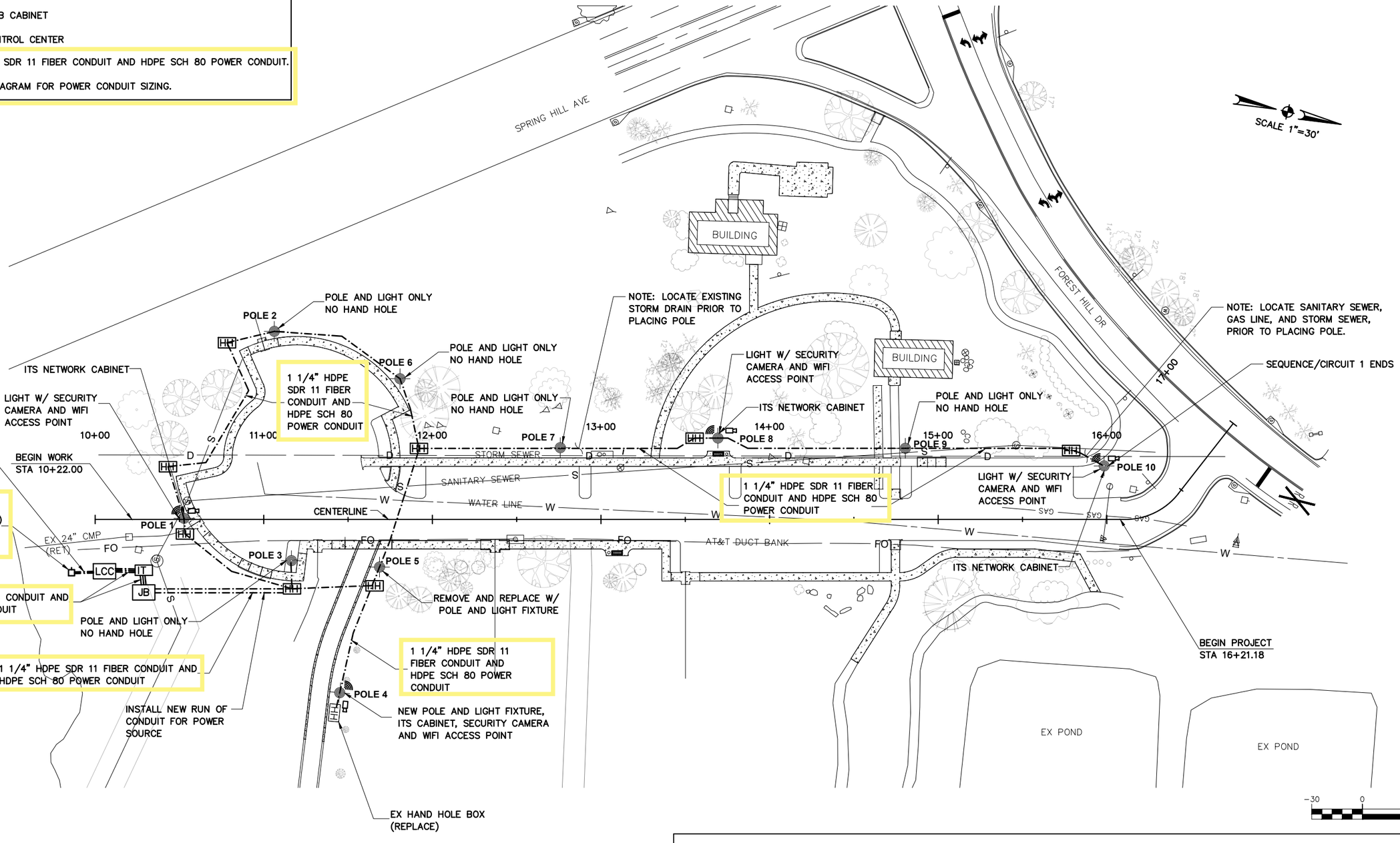
PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			SUMMARY OF QUANTITIES BOX SHEET	THREE MILE CREEK GREENWAY

LIGHTING PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	13

LEGEND

- POLE AND LIGHT ONLY
- LIGHT W/ WIRELESS ACCESS POINT & SECURITY CAMERA
- JB — JUNCTION BOX
- HH — HANDHOLE BOX
- IT — NETWORK HUB CABINET
- LCC — LIGHTING CONTROL CENTER
- 1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT.
  SEE RISER DIAGRAM FOR POWER CONDUIT SIZING.



JAPANESE GARDENS PARKING LOT LIGHTING

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			LIGHTING PLAN	THREE MILE CREEK GREENWAY

ELECTRICAL SITE PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	14

SCALE 1"=30'

EX RAILROAD R/W

1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT

POLE AND LIGHT ONLY NO HAND HOLE

POLE 20

LIGHT W/ SECURITY CAMERA AND WIFI ACCESS POINT

POLE 19

POLE 21

ITS NETWORK CABINET

POLE 22

POLE 23

POLE 24

MATCHLINE SHEET 11

EX POND

EX 16" STEEL PIPE

POLE 18

POLE 17

MATCHLINE THIS SHEET

JAPANESE GARDEN

EXISTING R/W

"BEWARE OF" ALLIGATORS

BEGIN PROJECT SEGMENT 1 STA. 10+31.66

LCC

IT

JB

SEE DETAIL THIS SHEET

LIGHTING CONTROL CENTER

NETWORK CABINET

NEW POWER POLE

SEQUENCE/CIRCUIT 2 BEGINS

POLE 11

POLE 12

POLE 13

POLE 14

POLE 15

POLE 16

CONSTRUCTION CENTERLINE

THREEMILE CREEK

LEGEND

- POLE AND LIGHT ONLY
- LIGHT W/ WIRELESS ACCESS POINT & SECURITY CAMERA
- HH — HANDHOLE BOX
- IT — NETWORK HUB CABINET
- LCC — LIGHTING CONTROL CENTER
- 1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT. SEE RISER DIAGRAM FOR POWER CONDUIT SIZING.

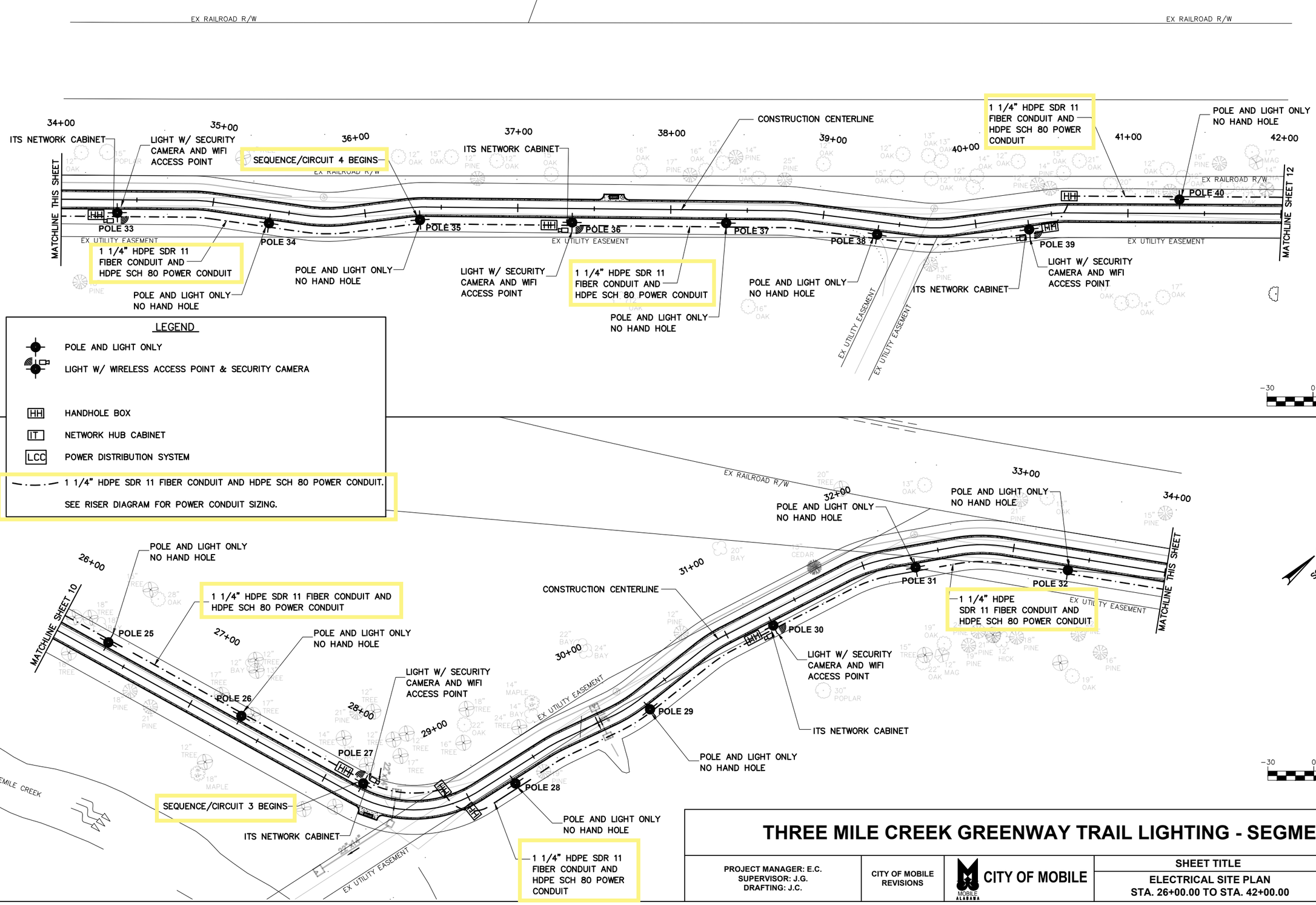
SCALE (FEET) −30 0 30

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			ELECTRICAL SITE PLAN STA. 10+00.00 TO STA. 26+00.00	THREE MILE CREEK GREENWAY

ELECTRICAL SITE PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	15

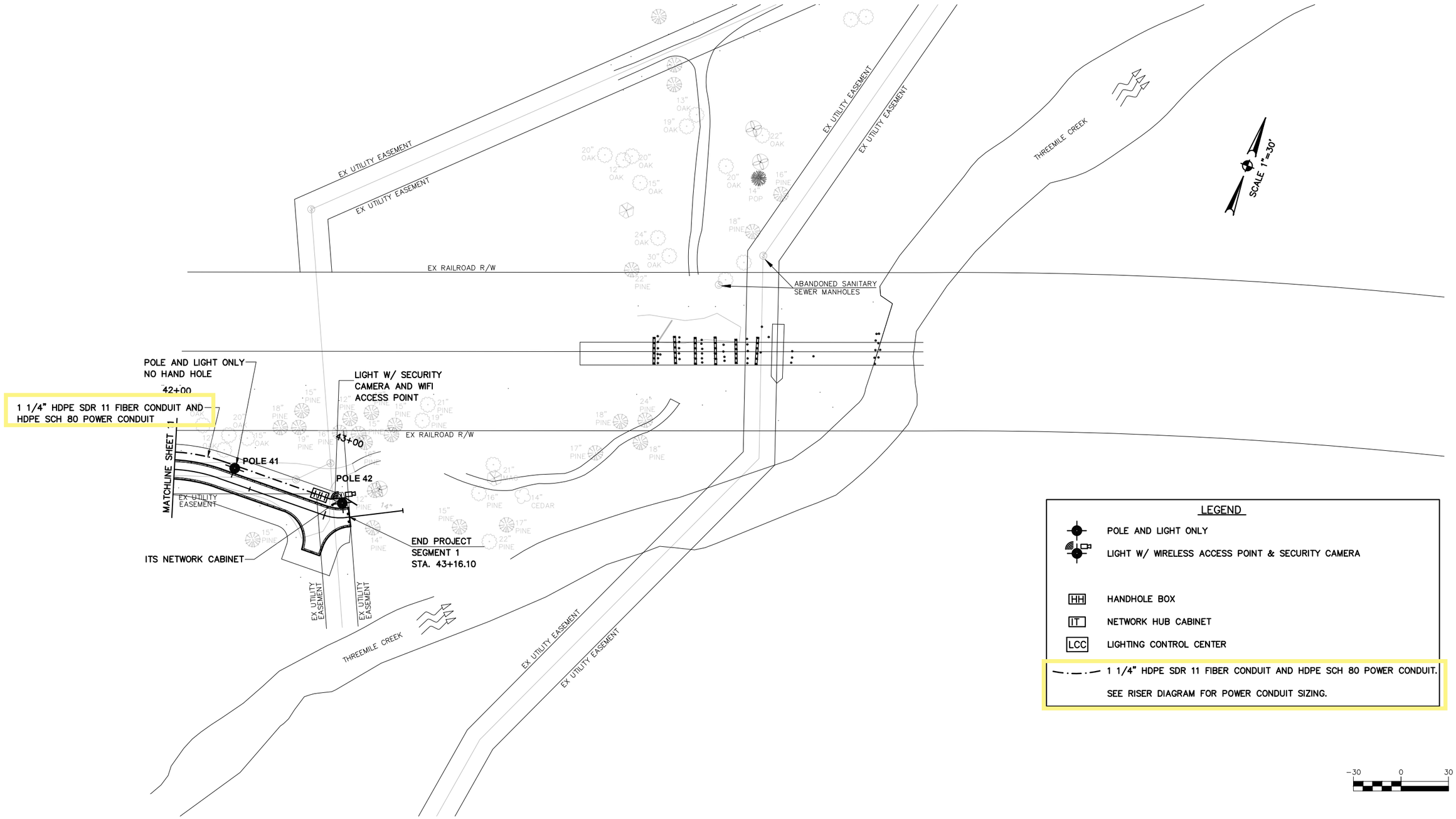


THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			ELECTRICAL SITE PLAN STA. 26+00.00 TO STA. 42+00.00	THREE MILE CREEK GREENWAY

ELECTRICAL SITE PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	16



LEGEND

- POLE AND LIGHT ONLY
- LIGHT W/ WIRELESS ACCESS POINT & SECURITY CAMERA
- HH — HANDHOLE BOX
- IT — NETWORK HUB CABINET
- LCC — LIGHTING CONTROL CENTER
- 1 1/4" HDPE SDR 11 FIBER CONDUIT AND HDPE SCH 80 POWER CONDUIT. SEE RISER DIAGRAM FOR POWER CONDUIT SIZING.

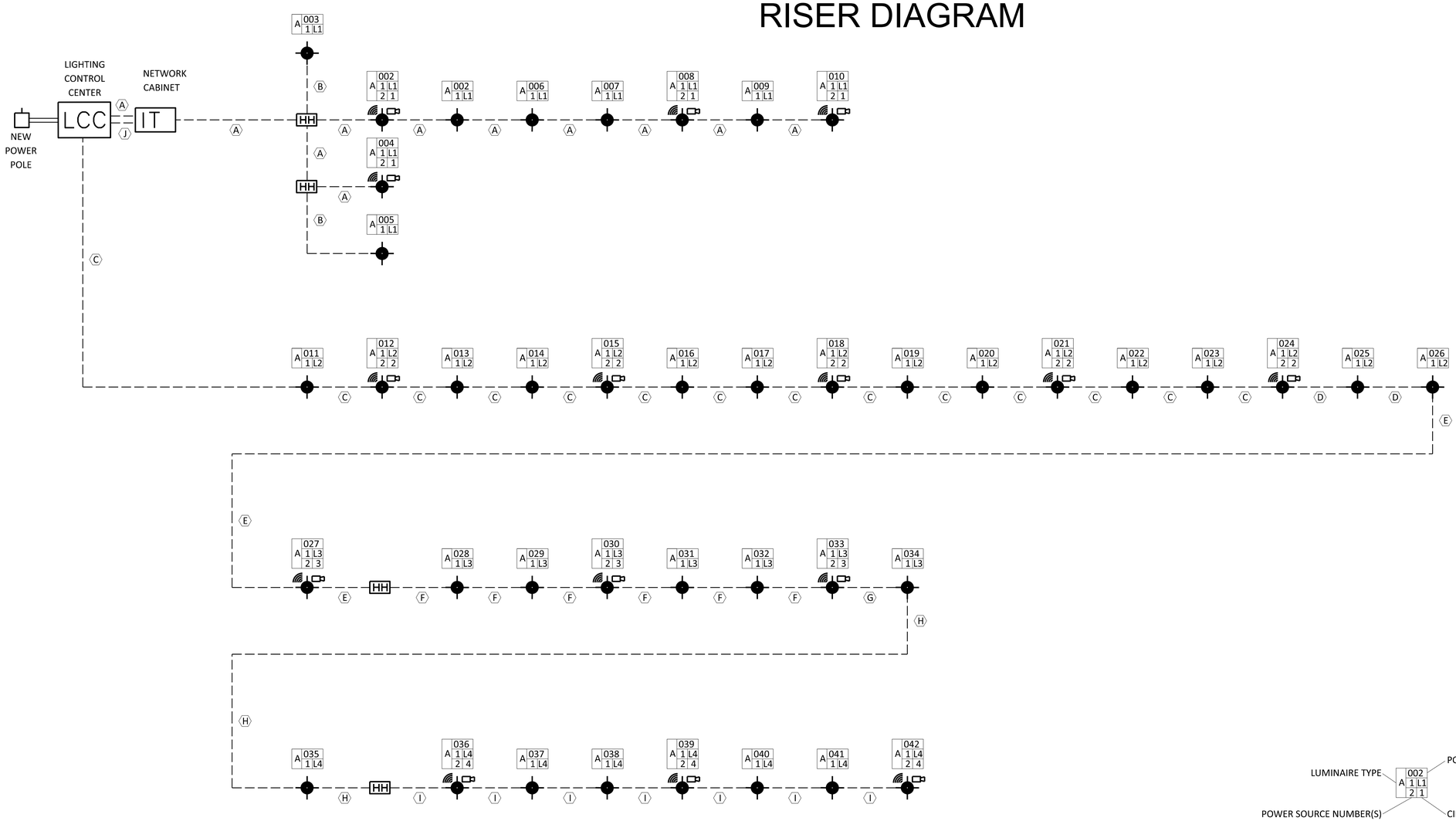
−30 0 30 SCALE (FEET)

THREE MILE CREEK GREENWAY TRAIL LIGHTING - SEGMENT 1

PROJECT MANAGER: E.C. SUPERVISOR: J.G. DRAFTING: J.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
			ELECTRICAL SITE PLAN STA. 42+00.00 TO STA. 43+16.10	THREE MILE CREEK GREENWAY

RISER DIAGRAM

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
2025-2045-01	2025	17



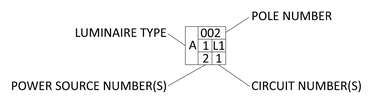
CONDUIT WITH CONDUCTORS SCHEDULE

- Ⓐ CONDUIT WITH CONDUCTORS (PVC/HDPE) (1.25") (4#6, 1#6 BARE STRANDED GROUND)
- Ⓑ CONDUIT WITH CONDUCTORS (PVC/HDPE) (1.25") (2#6, 1#6 BARE STRANDED GROUND)
- Ⓒ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2.5") (6#2, 6#4, 1#2 BARE STRANDED GROUND)
- Ⓓ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2.5") (6#2, 4#4, 1#2 BARE STRANDED GROUND)
- Ⓔ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (6#2, 2#4, 1#2 BARE STRANDED GROUND)
- Ⓕ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (4#2, 4#4, 1#2 BARE STRANDED GROUND)
- Ⓖ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (4#2, 2#4, 1#2 BARE STRANDED GROUND)
- Ⓗ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (4#2, 1#2 BARE STRANDED GROUND)
- Ⓘ CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (2#2, 2#4, 1#2 BARE STRANDED GROUND)
- Ⓙ CONDUIT WITH CONDUCTORS (PVC/HDPE) (1.25") (1#6, 1#6 BARE STRANDED GROUND)

NOTES:

1. REFER TO SPECIFICATIONS, PLAN DETAIL SHEETS, AND LIGHTING LAYOUT FOR ADDITIONAL REQUIREMENTS.
2. THIS SHEET IS INTENDED ONLY AS A GENERAL OVERVIEW OF THE WORK REQUIRED. OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
3. CONTRACTOR SHALL AVOID UNDERGROUND CONDUIT CROSSING AT SERVICE POINTS.
4. STUB CONDUITS 6" ABOVE GRADE.
5. BOND NEUTRAL AND GROUND ONLY AT SERVICE DISCONNECT.
6. CONDUIT BRACKET INSTALLED BY CONTRACTOR ON NEW WOOD UTILITY POLE. BRACKET SHALL BE ACCEPTABLE BY THE ELECTRICAL UTILITY COMPANY. NUMBER OF BRACKETS, LOCATION, AND SPACING SHALL BE AS REQUIRED BY ELECTRICAL UTILITY COMPANY OR NEC WHICHEVER IS THE HIGHER STANDARD.
7. INSTALL SPARE SERVICE CONDUIT TO FIRST UNDERGROUND JUNCTION BOX CLOSEST TO LIGHTING CONTROLLER. STUB AND CAP AT UNDERGROUND JUNCTION BOX.
8. SPLICES SHALL BE LOCATED WITHIN HANDHOLES OR OTHER ENCLOSURE AS REQUIRED BY NEC.
9. LIGHTING CIRCUITS (L1, L2, L3, L4) SHALL BE CONTROLLED BY PHOTOCELL AT THE LIGHTING CONTROL CENTER. ITS CABINET CIRCUITS (1,2,3,4,5) SHALL NOT BE CONTROLLED BY PHOTOCELL.

LEGEND



- LCC — LIGHTING CONTROL CENTER
- NEW POWER POLE
- (?) — CONDUIT LABEL
- POLE AND LIGHT ONLY
- LIGHT W/ WIRELESS ACCESS POINT & SECURITY CAMERA
- IT — NETWORK CABINET
- HH — HANDHOLE BOX
- CONDUIT WITH CONDUCTORS, PVC OR HDPE
- CONDUIT WITH CONDUCTORS, FIBERGLASS
- CONDUIT WITH CONDUCTORS, RGS

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 40469 CHRISTINA MARIE FLOREZ 09/15/2025

Gresham Smith

ELECTRICAL SCHEMATIC INCLUDED FOR INFORMATIONAL PURPOSES ONLY

PROJECT MANAGER:	E.C.	CITY OF MOBILE REVISIONS	CITY OF MOBILE	SHEET TITLE	ROUTE
PPM DEPT. DIRECTOR:	J.G.			RISER DIAGRAMS	THREE MILE CREEK GREENWAY
DRAFTING EDITS:	J.C.				