

Contract Change Request

Contract Change Request

General

Project Number: 40-00328 Project Name: H - Menger Creek Drainage

Record Number: CCR-0000023 Status: Pending Contract #: 4600014864 Title: TCI-05 Trail Lighting

Creation Date: 06/24/2016 01:49 PM (UTC-6) Creator: CoSA Admin Type Contract: Construction Vendor Name: E-Z BEL CONSTRUCTION LTD

Agency: City Change Category: Owner Requested - Necessary

Special Contract: No Proposal Record Number: PRN-0000024 Contract Amount: \$7,407,861.70 Previous Contract Changes: \$64,910.59

New Contract Value: \$7,615,992.29 Contract Change Percentage: 2.81 Change to Contract Cost: \$143,220.00 Change to Calendar Days: 0

Description Of Change

Description of Change: This change order is for trail lighting installation for the Menger Creek project. Reference attached.

Justification for Proposed This change order is necessary to add Trail Lighting to the contract that was originally Change: covered by ADD Alt #10.

Ordinance Information

Change Order Council \$100,000.00

Threshold:

Ordinance Number: Ordinance Date:

Fiscal Remarks: PM: David I. Hernandez Increase contract #4600014864 Line #1, PO 4500404011 PO Ln #1, by \$143,220.0 funds are available in WBS 40-00328-05-02-01 GL 5201140. This change order is tentatively set for Council on 8/18/2016.

Vendor Information

SAP Vendor No.: 0001014214

Vendor Address 1:203 RECOLETA RD Vendor Address 2: Vendor City: SAN ANTONIO Vendor State: TX

Vendor Zip Code: 78201

Vendor Phone Number: 2107366595 Vendor Fax Number: 2107351842

Standard

2 Item(s)

No.	Spec No.	Item Description	UM	Unit Price	Quantity	Amount	PO No.	PO Line #
002	New Item	TCI-05 Trail Lighting	LS	\$136,400.00	1.0	\$136,400.00	4500404011	1
001	New Item	TCI-05 Trail Lighting - 5% Mark-up	DOL	\$136,400.00	0.05	\$6,820.00	4500404011	1

Total Amount \$143,220.00



Date: 6/16/2016

CITY OF SAN ANTONIO 115 W. COMMERCE SAN ANTONIO, TX 78206

Attn: Mr. David Hernandez

Re: 40-00328, Menger Creek Drainage Change Request No.6 - Trail Lighting

Please accept the following proposal for the above referenced change:

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION		QUANTITIES	UNIT BID PRICE	AMOU	AMOUNT	
1			Trail Lighting	LS	1.00	\$ 143,220.00	\$ 143	3,220.00	

SUBTOTAL: \$ 143,220.00

TOTAL CHANGE ORDER REQUEST: \$ 143,220.00

EXTENSION DAYS REQUIRED TO COMPLETE ADDITIONAL WORK: 21 EXTENSION DAYS REQUIRED DUE TO DELAYS: TOTAL TIME EXTENSION REQUEST: 21

Exclusions/Conditions specific to this proposal: Electrical installation for sheets ES1.1, ES1.2, ES1.3, ES1.4, ES1.5, E.4, E.5, does not include electrical on EPS1.0. Reference attached proposal 'A'. Additional Exclusions not shown on attached, Night Work, off-duty officers, boring, sales tax, CPS usage fees and service set up fees.

The cost and time described and requested above represents the complete, total, and final cost and change in Contract Time associated with the change. NOTE: Pending the approval of a Change Order, E-Z Bel Construction, LLC. will proceed with the work only if directed in writing to do so by the City of San Antonio.

Please feel free to contact the undersigned with any questions.

Respectfully submitted,

Adam Shrek Project Manager

Commercial -Residential



Henry Gonzalez Master Electrician Lic. #15559

Proposal Number 2015-072-R June 6, 2016

Reference: Menger Creek Trails

To Whom It May Concern:

We propose to furnish the necessary labor and materials to complete Division 16, Electrical work, on the referenced project. The scope of work is listed below. Our base sales tax exempt price is \$136,400.00

Scope of Work:

- 1. Provide and install 16 Stress Crete light poles.
- 2. Provide and install three 100-amp underground electrical services with electric panel, time clock and contactor.
- 3. Provide and install light and power for 2 pavilions.
- 4. Trench approximately 2,100 feet.
- 5. Haul off spoils from trenching and light pole holes.
- 6. Pour concrete around holes to hold up light poles.
- 7. Rent crane to off load and set poles.
- 8. Rent lift to set fixtures on top of poles.
- 9. Run power to light poles (approximately 2,100 feet of PVC pipe and 6,300 ft. of wire).
- 10. Provide electrical permits.

Clarifications:

- 1. This proposal is good for 30 days.
- 2. The work hours will be from 7:00 am until 3:30 p.m., Monday through Friday, with no overtime figured into the price.
- 3. Price assumes sales tax exemption form is provided. If one is not provided, sales tax will be assessed at a rate of 8.25%.
- 4. Price increase from original proposal due to increase in labor costs and material costs.
- 5. This proposal does not include any charges that may be assessed by CPS. CPS does not give out pricing until the job is awarded.

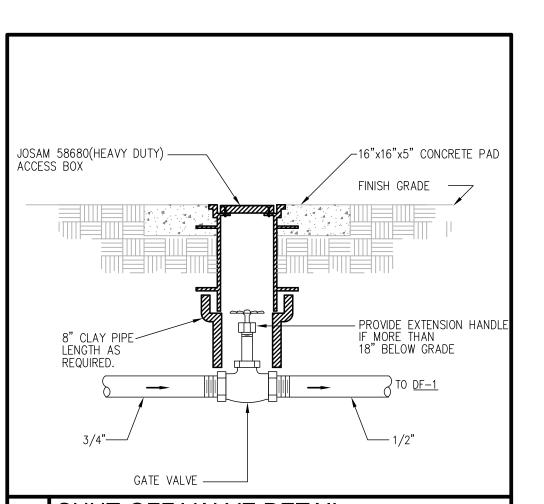
If you have any questions, feel free to call me on my mobile at (210) 382-4048.

Regards,

Henry Gonzalez

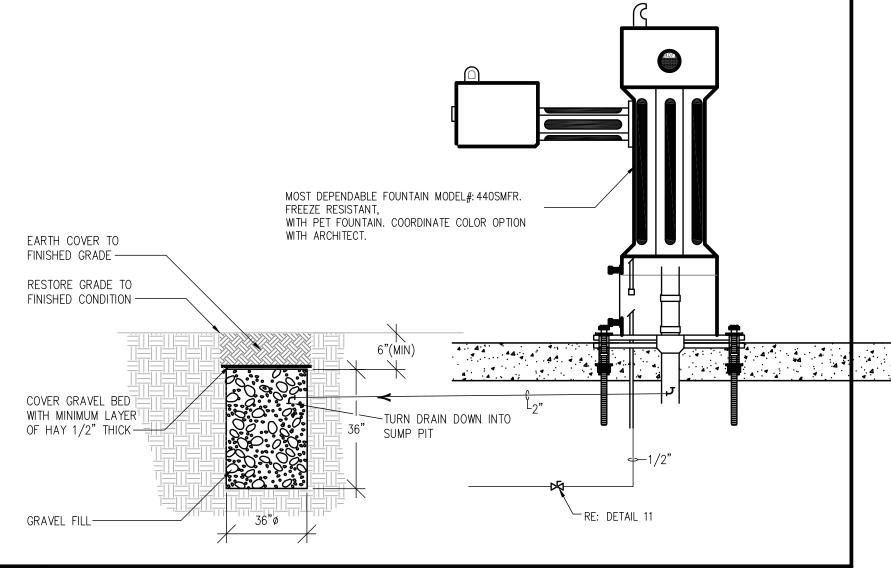
PLUMBING GENERAL PLAN NOTES: THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING ALL WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES INCLUDING THOSE PUBLISHED BY OSHA AND EPA. THE EXTENT OF DEMOLITION WORK IS INDICATED ON THE ARCHITECTURAL DRAWINGS AND BY THE REQUIREMENTS OF THIS SECTION. A VISIT TO THE SITE WILL BE REQUIRED PRIOR TO BIDDING. CONTRACTOR SHALL IDENTIFY/VERIFY ALL PLUMBING LINES BEFORE STARTING ANY DEMOLITION WORK.

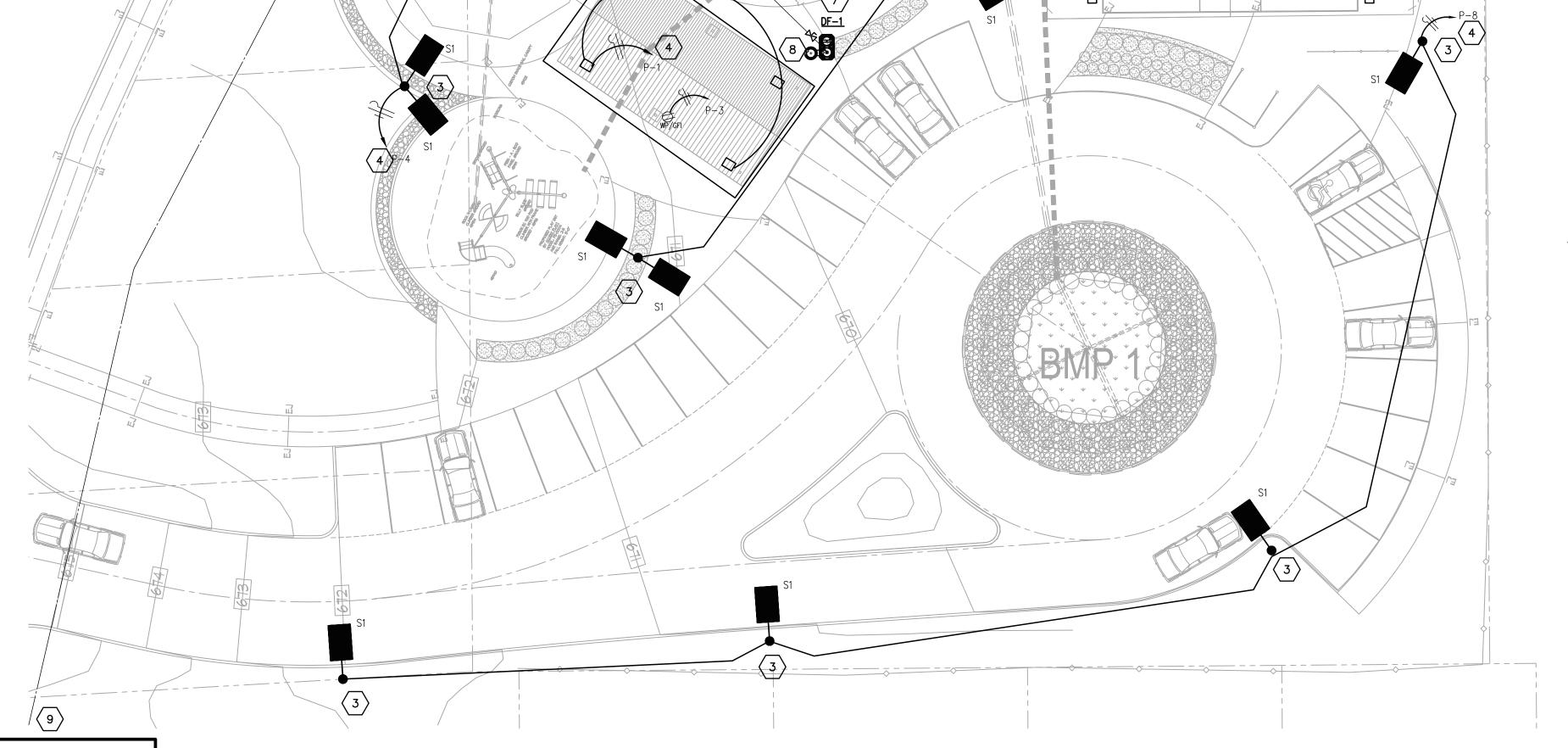
- ALL EXISTING PLUMBING FIXTURES AND EQUIPMENT REMOVED DURING CONSTRUCTION THAT ARE NOT TO BE REUSED SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED
- DRAINAGE PIPING INVERT ELEVATIONS NOTED ON FLOOR PLANS AS: D INV. EL. = 0.00' BFF ARE BELOW FINISHED FLOOR TAKEN FROM FIRST FLOOR FINISHED ELEVATION OF 0.00' TO INSIDE BOTTOM OF
- PLUMBER SHALL FIELD VERIFY EXACT BUILDING FINISHED FLOOR ELEVATION AND THE INVERT ELEVATION OF ALL DRAIN LINES AT PROPOSED CONNECTING POINTS WITH SITE CIVIL UTILITIES PRIOR TO INSTALLATION OF BUILDING PIPING.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD COORDINATING THIS CONTRACTOR SMALL BE RESPONSIBLE FOR FILES SOCIAL SMALL BE RESPONSIBLE FOR FILES FOR FILES SMALL BE RESPONSIBLE FOR FILES TRADES PRIOR TO INSTALLATION. CORRECTIONS OR RELOCATIONS DUE TO MISALIGNED PIPE SHALL BE PERFORMED IN A TIMELY MANNER AT NO ADDITIONAL COST TO OWNER.
- DO NOT SCALE THE PLUMBING DRAWINGS FOR ROUGH-IN WORK. CONTRACTOR SHALL REFER TO THE DIMENSIONED ARCHITECTURAL AND LANDSCAPE DRAWINGS TO FIELD DETERMINE EXACT LOCATIONS OF PLUMBING ROUGH-IN WORK.
- PROVIDE ISOLATION VALVES FOR <u>ALL</u> BRANCHES OFF DOMESTIC WATER MAINS. ALL PLUMBING SYSTEM VALVES SHALL BE INSTALLED IN ACCESSIBLE CEILING SPACES. WHERE CEILING IS NOT ACCESSIBLE, OR SPACE IS CONFLICTING, VALVES SHALL BE INSTALLED IN PARTITIONS OR PIPE CHASES. PROVIDE APPROVED PAINTED STEEL HINGED ACCESS PANELS IN LOCATIONS PRE-APPROVED BY THE ARCHITECT. PROVIDE STAINLESS STEEL ACCESS DOORS FOR SHOWER, LOCKER AND LOCKER TOILET ROOM PANELS.





FRENCH DRAIN FOR DF-1





\ ELECTRICAL PLAN

DESCRIPTION

AS SPECIFIED BY LANDSCAPE ARCHITECT

PLUMBING FIXTURE SCHEDULE

1/2"

MINIMUM ROUGH-IN SIZES

| WST & VENT | DRAIN | CW | HW

1 1/2|" ----| 1 1/2|

PLAN MARK

DF-1

TOP:670.86

INV:665.81

GENERAL ELECTRICAL NOTES

- A. MINIMUM CIRCUIT SIZE IS 2 #10 AND 1 #10 GROUND IN 3/4" CONDUIT.
- B. COORDINATE LIGHT LOCATIONS WITH OTHER STRUCTURAL,

PAVING, SIDEWALKS AND UTILITIES.

∏ ¦PANEL "P"

WP/GFI

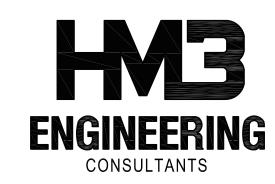
- C. CONTRACTOR BE RESPONSIBLE FOR ADJUSTING BRANCH CIRCUIT SIZES BASED ON ACTUAL CIRCUIT DEVELOPED LENGTHS ON SITE. REFER TO VOLTAGE DROP SCHEDULE ON
- D. ROUTE ALL EXTERIOR LIGHTING CIRCUITS THROUGH CONTRACTOR FOR PHOTOCELL "ON" / TIME CLOCK "OFF"
- E. PROVIDE #10 AWG MIN NEUTRAL FOR ALL MUTLIWIRE BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR CIRCUIT BREAKERS AS REQUIRED BY NEC 210.4
- F. CONDUCTOR SIZES INDICATED ASSUME NO MORE THAN (3) SINGLE POLE BRANCH CIRCUITS IN EACH CONDUIT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DE-RATE CONDUCTORS PER NEC TABLE 310.15(B)(2)(a) FOR CONDUITS WITH MORE THAN (3) CURRENT "CARRYING CONDUCTORS".

GENERAL PLUMBING NOTES

- A. DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF PIPING, DEVICES AND EQUIPMENT WITH BUILDING ELEMENTS AND THE WORK OF OTHER TRADES.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING ALL WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES INCLUDING THOSE PUBLISHED BY OSHA
- C. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE ARCH'L DOCUMENTS IN ADDITION TO THE STRUCTURE DOCUMENTS TO DETERMINE THE COMPLETE SCOPE OF
- D. CONTRACTOR SHALL PROVIDE DF-1 | MOST DEPENDABLE FOUNTAIN MODEL# 2008SMXX. COORDINATE COLOR WITH ARCHITECT. FOUNTAIN SHALL HAVE PET FOUNTAIN. REFER TO DETAIL 10&11/E5.0 FOR ADDITIONAL INFORMATION.
- E. CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT THAT INCLUDE BUT NOT LIMITED TO BACKFLOW PREVENTER, WATER METER AND VALVES AS REQUIREMENTS TO CONNECTION TO CITY WATER, CONTRACTOR TO COMPLY TO ALL S.A.W.S REQUIREMENTS.

KEYED NOTES

- NEW UNISTRUT SERVICE RACK. COORDINATE EXACT LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH CPSE FOR EXTENSION OF SERVICE TO THIS LOCATION. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SERVICE SECONDARY DUCTBANK PER CPSE STANDARDS.
- NEW PEDESTAL MOUNTED 6W LED FLOOD LIGHT EQUAL TO BEGA #7602 MOUNTED WITH A 5' SET BACK FOR MONUMENT
- 3 NEW LIGHT POLE. REFER TO DETAIL 1/E4.
- ROUTE THROUGH PHOTOCELL/CONTRACTOR FOR PHOTOCELL "ON"/TIME CLOCK "OFF" OPERATION.
- PROVIDE A DEDICATED WP/GFI PEDESTAL MOUNTED RECEPTACLE (5) MOUNTED 12" AFF ON GRADE SIDE. INSTALL RECEPTACLE IN A LOCKABLE ENCLOSURE. COORDINATE EXACT LOCATION W/LANDSCAPE ARCHITECT PRIOR TO INSTALL.
- 6 NEW FLOOD LIGHT EQUAL TO LITHONIA #ASF1 70MHC MDF 120 MOUNTED TO PAVILION COLUMN TO LIGHT THE UNDERSIDE OF THE NEW PAVILION. PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR MOUNTING ON STRUCTURE COLUMN. COORDINATE MOUNTING HEIGHT AND AIMING WITH LANDSCAPE ARCHITECT. TYPICAL OF (8).
- 7 CONTRACTOR SHALL PROVIDE AND INSTALL NEW DRINKING FOUNTAIN DF-1 PER DETAIL 3/EPS1.0. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT. PROVIDE A FRENCH DRAIN FOR THE NEW DRINKING FOUNTAIN AS DETAILED ON THIS SHEET. CONTRACTOR SHALL PULL AND EXTEND THE EXISTING WATER LINE FROM EXISTING METER TO NEW DRINKING FOUNTAIN. CONTRACTOR SHALL FURNISH AND INSTALL A CAST IRON VALVE BOX FOR NEW VALVE PER 2/EPS1.0. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING WATER SOURCE ON SITE PRIOR TO BID TO ESTABLISH EXACT PIPING ROUTE AND LENGTH.
- B DRY WELL FOR DRINKING FOUNTAIN DRAIN. REFER TO DETAIL 3/EPS1.0.
- 9 EXTEND AND CONNECT TO THE EXISTING WATER METER. FIELD VERIFY EXACT LOCATION PRIOR TO BID. CONNECT NEW DRINKING FOUNTAIN TO EXISTING DOMESTIC WATER SOURCE. PROVIDE A PVB BACKFLOW DEVICE WITH CAGE.



2902 NORTH FLORES SAN ANTONIO, TEXAS 78212

TBPE FIRM REGISTRATION NO. 1336



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MENGER CREEK LINEAR PARK

1526 N. Walters Street San Antonio, Texas 78202

REVISION

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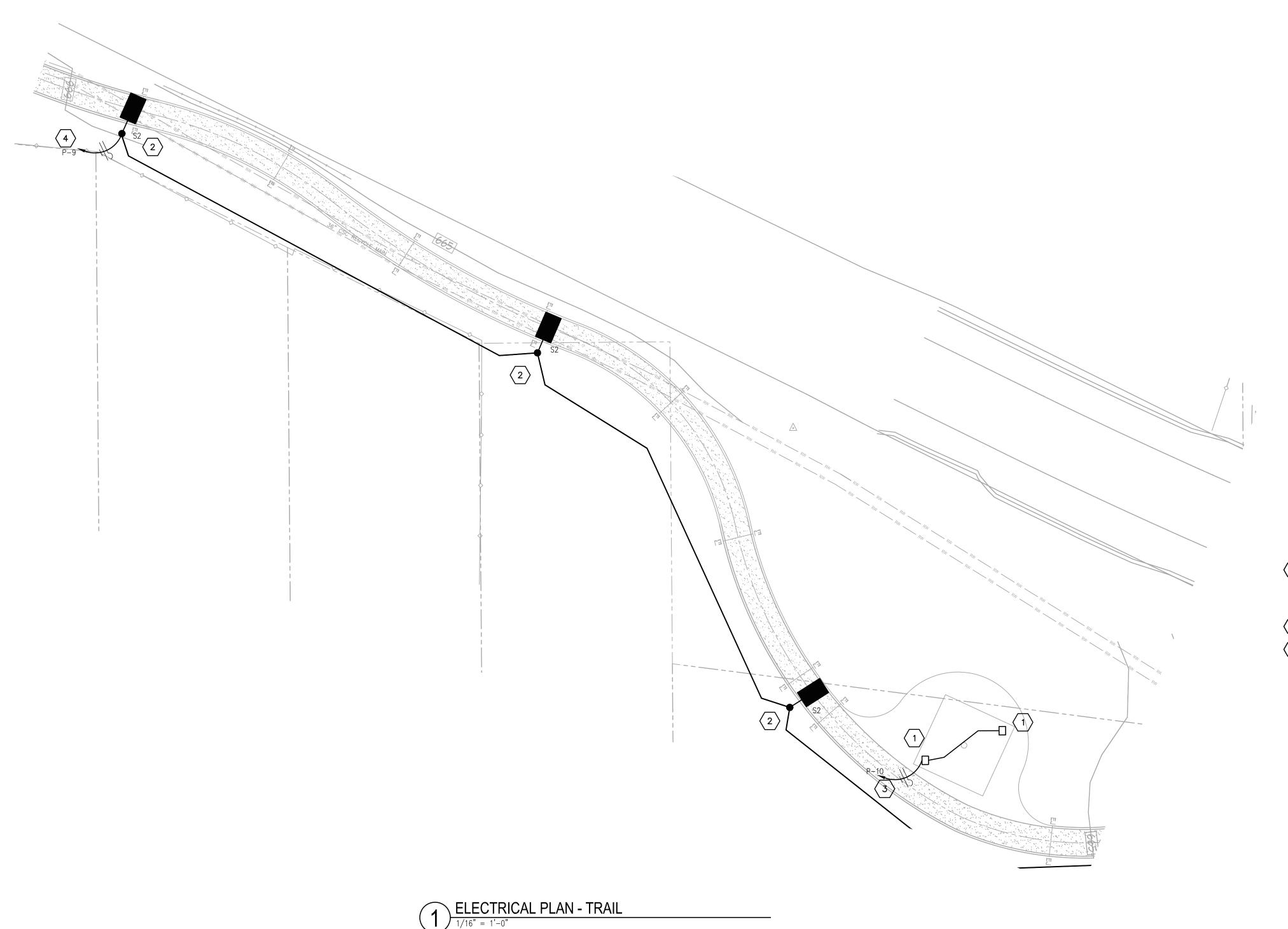
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JUNE 06, 2015

DATE

ELECTRICAL AND PLUMBING SITE PLAN

EPS1.0







Keyed Notes:

- NEW FLOOD LIGHT EQUAL TO LITHONIA #ASF1 70MHC MDF 120 MOUNTED TO PAVILION COLUMN TO LIGHT THE UNDERSIDE OF THE NEW PAVILION. PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR MOUNTING ON STRUCTURE COLUMN. COORDINATE MOUNTING HEIGHT AND AIMING WITH LANDSCAPE ARCHITECT. TYPICAL.
- 2 NEW LIGHT POLE. REFER TO DETAIL ON E5.0.
- ROUTE THROUGH PHOTOCELL/CONTRACTOR FOR PHOTOCELL "ON"/TIME CLOCK "OFF" OPERATION.

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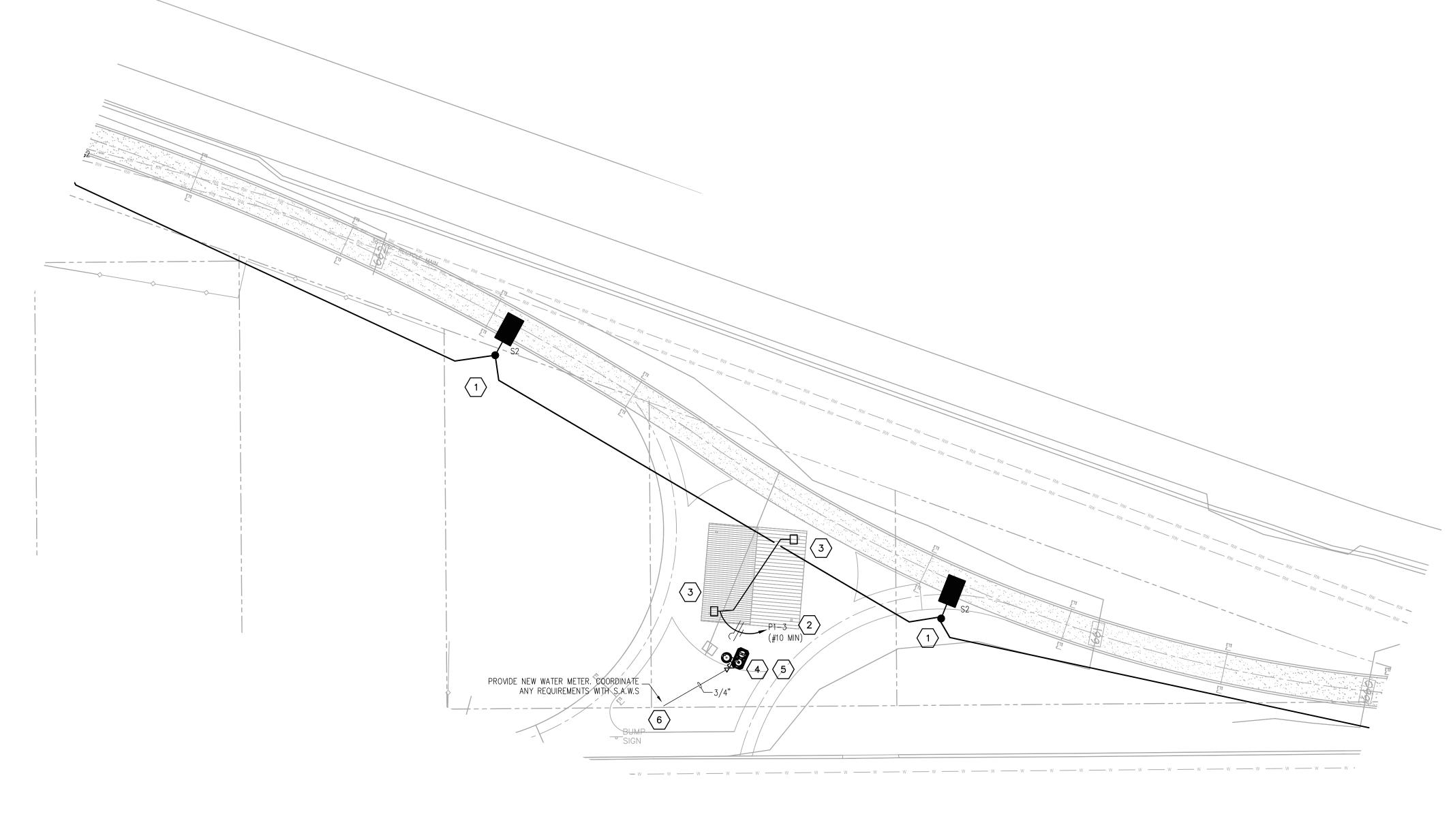
SITE LIGHTING AND POWER

ES1.1

100% CONSTRUCTION SET

ENGINEERING CONSULTANTS







- A. DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF PIPING, DEVICES AND EQUIPMENT WITH BUILDING ELEMENTS AND THE WORK OF OTHER TRADES.
- B. THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING ALL WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES INCLUDING THOSE PUBLISHED BY OSHA AND EPA.
- C. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE ARCH'L DOCUMENTS IN ADDITION TO THE STRUCTURE DOCUMENTS TO DETERMINE THE COMPLETE SCOPE OF WORK.
- D. CONTRACTOR SHALL PROVIDE <u>DF-1</u> | MOST DEPENDABLE FOUNTAIN MODEL# 2008SMXX. COORDINATE COLOR WITH ARCHITECT. FOUNTAIN SHALL HAVE PET FOUNTAIN. REFER TO DETAIL 10&11/E5.0 FOR ADDITIONAL
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#> KEYED NOTES

- 1 NEW LIGHT POLE. REFER TO DETAIL 1/E4.
- ROUTE THROUGH PHOTOCELL/CONTRACTOR FOR PHOTOCELL "ON"/TIME CLOCK "OFF" OPERATION.
- NEW FLOOD LIGHT EQUAL TO LITHONIA #ASF1 70MHC MDF 120 MOUNTED TO PAVILION COLUMN TO LIGHT THE UNDERSIDE OF THE NEW PAVILION. PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR MOUNTING ON STRUCTURE COLUMN. COORDINATE MOUNTING HEIGHT AND AIMING WITH LANDSCAPE ARCHITECT. TYPICAL.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW DRINKING FOUNTAIN DF-1 PER DETAIL 3/EPS1.0. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT. PROVIDE A FRENCH DRAIN FOR THE NEW DRINKING FOUNTAIN AS DETAILED ON THIS SHEET. CONTRACTOR SHALL PULL AND EXTEND THE EXISTING WATER LINE FROM EXISTING METER TO NEW DRINKING FOUNTAIN. CONTRACTOR SHALL FURNISH AND INSTALL A CAST IRON VALVE BOX FOR NEW VALVE PER 2/EPS1.0. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING WATER SOURCE ON SITE PRIOR TO BID TO ESTABLISH EXACT PIPING ROUTE AND LENGTH.
- 5 DRY WELL FOR DRINKING FOUNTAIN DRAIN. REFER TO DETAIL 3/EPS1.0.
- 6 EXTEND AND CONNECT TO THE EXISTING WATER METER. FIELD VERIFY EXACT LOCATION PRIOR TO BID. CONNECT NEW DRINKING FOUNTAIN TO EXISTING DOMESTIC WATER SOURCE. PROVIDE A PVB BACKFLOW DEVICE WITH CAGE.



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SITE LIGHTING AND POWER

ES1.2

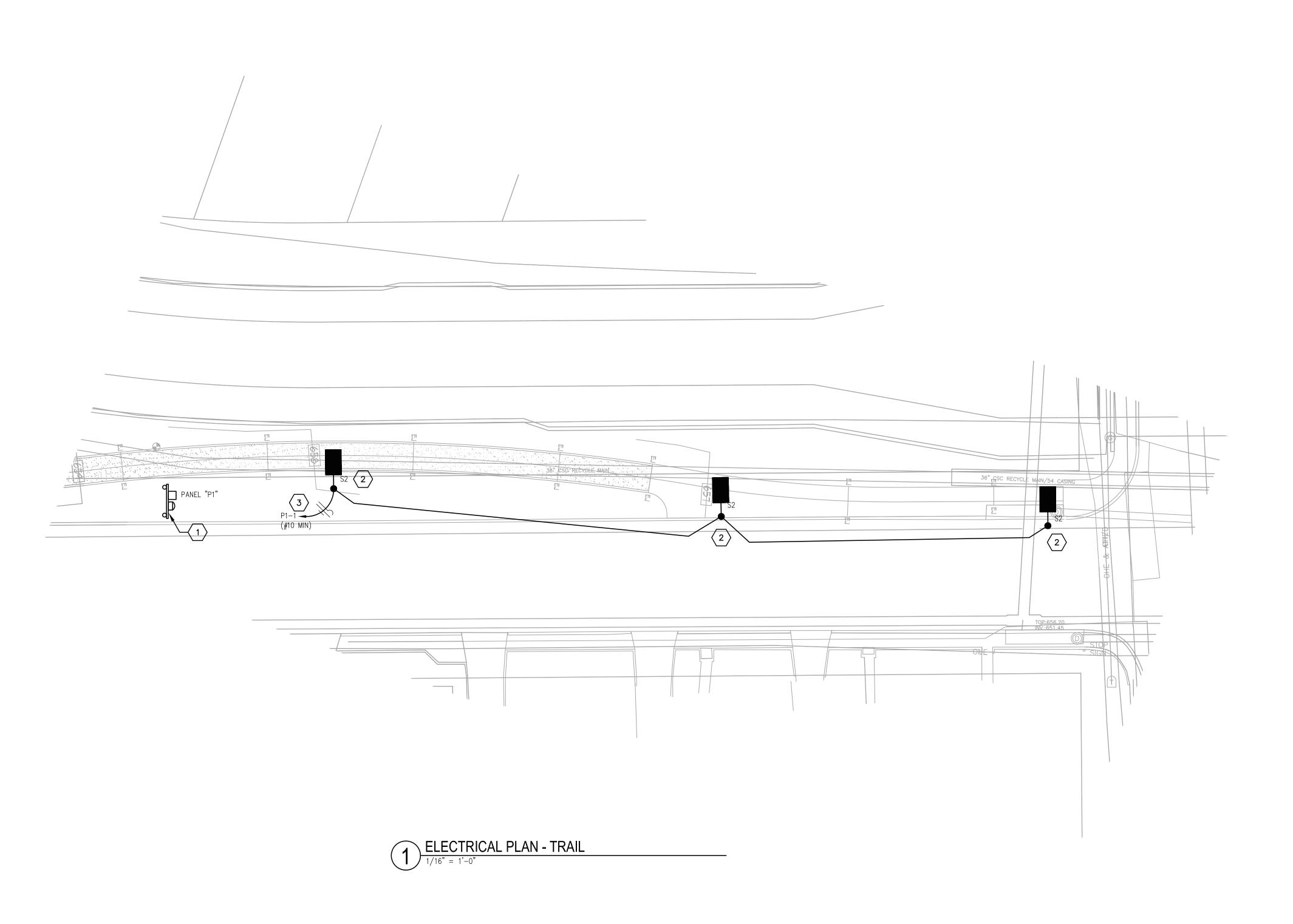
100% CONSTRUCTION SET

ELECTRICAL PLAN - TRAIL

1/16" = 1'-0"











(#) KEYED NOTES

- NEW UNISTRUT SERVICE RACK. COORDINATE EXACT LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH CPSE FOR EXTENSION OF SERVICE TO THIS LOCATION. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SERVICE SECONDARY DUCTBANK PER CPSE STANDARDS.
- 2 NEW LIGHT POLE. REFER TO DETAIL 1/E4.
- ROUTE THROUGH PHOTOCELL/CONTRACTOR FOR PHOTOCELL "ON"/TIME CLOCK "OFF" OPERATION.



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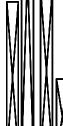
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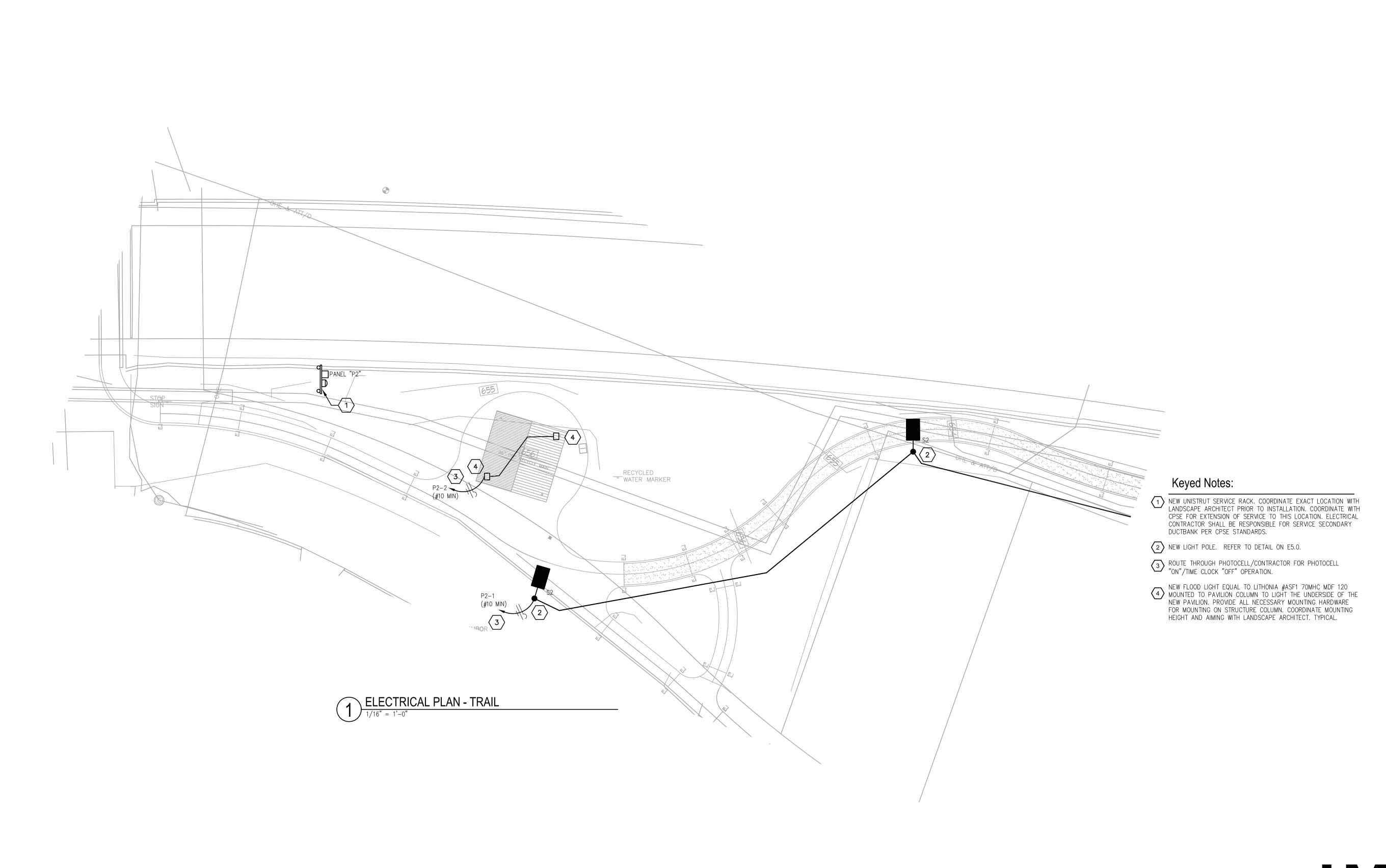
SITE LIGHTING AND POWER

ES1.3

100% CONSTRUCTION SET

ENGINEERING CONSULTANTS









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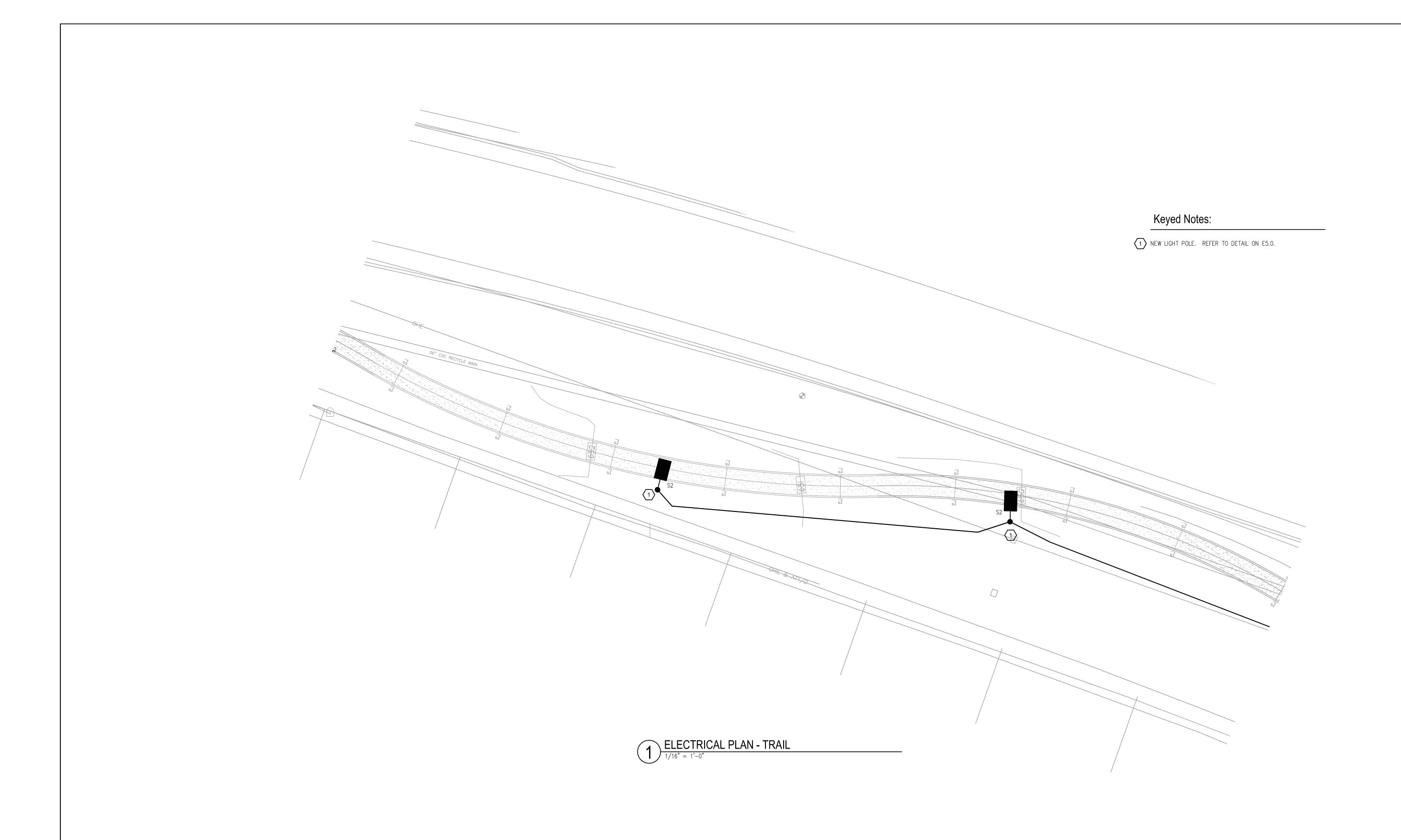
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SITE LIGHTING AND POWER

ES1.4

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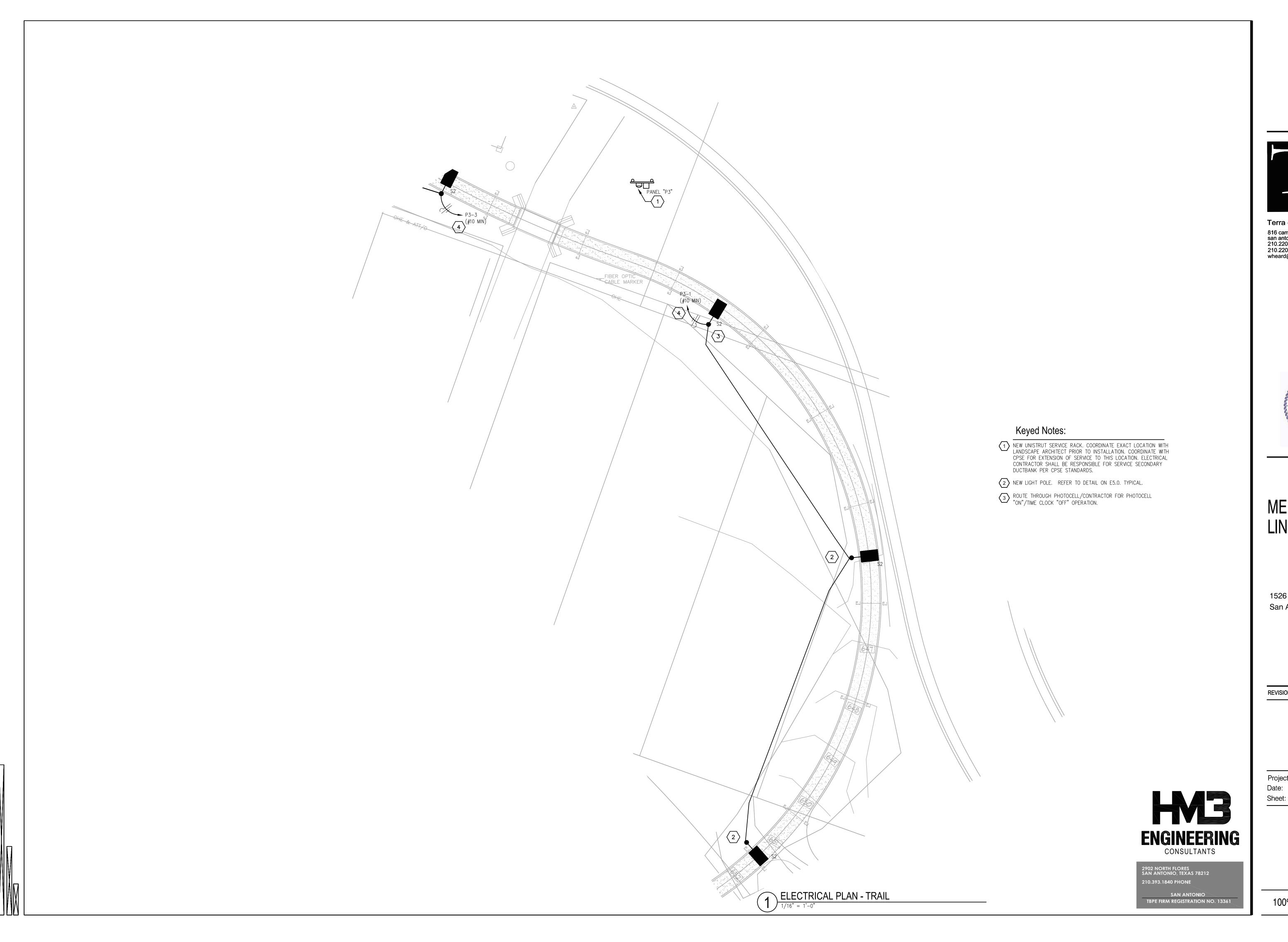
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SITE LIGHTING AND POWER

ES1.5







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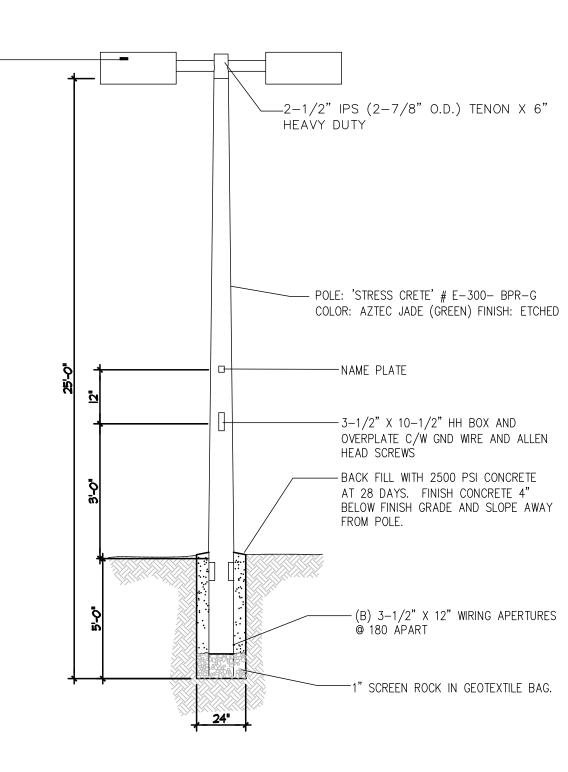
Project no:

JUNE 06, 2015

SITE LIGHTING AND POWER

ES1.6

AREA LIGHT WITH NUMBER OF HEADS AS SHOWN ON PLAN. 95W LED LAMP EACH LUMINAIRE, 120–277 VOLT. DIE-CAST ALUMINUM HOUSING AND DOOR, UL1572 LISTED FOR WET LOCATIONS, POLYESTER POWDER PAINT OF DARK BRONZE, STAINLESS STEEL LATCH, HEAT-IMPACT RESISTANT LENS AND REFLECTOR FOR NEMA-5 WIDE BEAM OF LIGHT AND POLYCARBONATE VANDAL SHIELD. (G.E. 16" SHOEBOX APOLLO, PLUS POLE MOUNTING HARDWARE SHOWN)

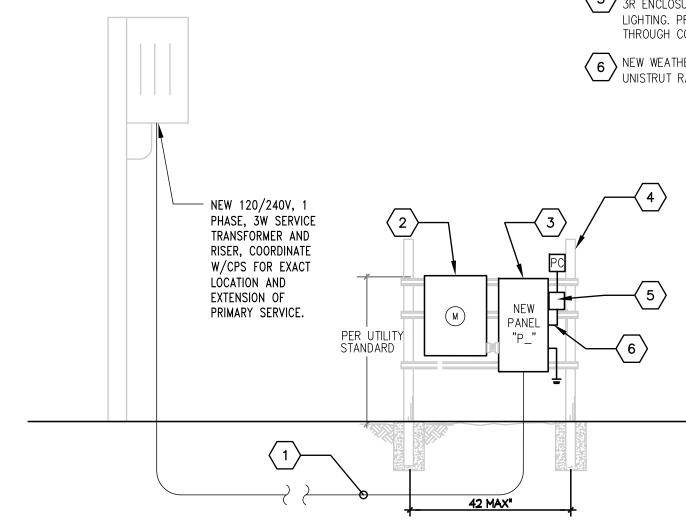


SECTION: LIGHT POLE

SCALE: N.T.S.

ELECTRICAL SERVICE SCOPE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY OF SERVICE TO THE NEW BLDG.
COORDINATE ALL REQUIREMENTS AND COSTS AND LABOR W/ LOCAL UTILITY. PRIOR TO BID. ALL COSTS ASSOCIATED W/ THE DELIVERY OF ELECTRICAL SERVICE SHALL BE INCLUDED AS A PART OF THIS CONTRACT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



02 ELECTRICAL ONE-LINE DIAGRAM - TYPICAL OF (5)

SCALE: N.T.S.

KEYED NOTES

NEW SECONDARY DUCTBANK. COORDINATE EXACT ROUTING WITH OWNER ON SITE (3) #2AWG + #8 GND IN 1-1/2"C.

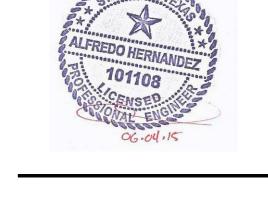
2 NEW CPS METER ON UNISTRUT RACK PER CPS ENERGY STANDARDS.

3 NEW SERVICE PANEL "P" EQUAL TO SQUARE D NQOD, 12 SPACE, (18) 20A/1P, 120/240V, 1PH, 3W, 100A/3P MCB.

 $\overline{fantom{4}}$ NEW UNISTRUT SERVICE RACK.

(4) POLE 120V LIGHTING CONTRACTOR AND ASTRONOMICAL TIME CLOCK IN NEMA 3R ENCLOSURE FOR TIME CLOCK "ON"/ TIME CLOCK "OFF" OPERATION OF SITE LIGHTING. PROVIDE POWER FROM ADJACENT PANEL"P". ROUTE LIGHTING CIRCUITS THROUGH CONTACTOR.

6 NEW WEATHER PROOF, GFCI PROTECTED, 20A DUPLEX RECEPTACLE MOUNTED ON UNISTRUT RACK. PROVIDE POWER FROM ADJACENT PAEL "P".



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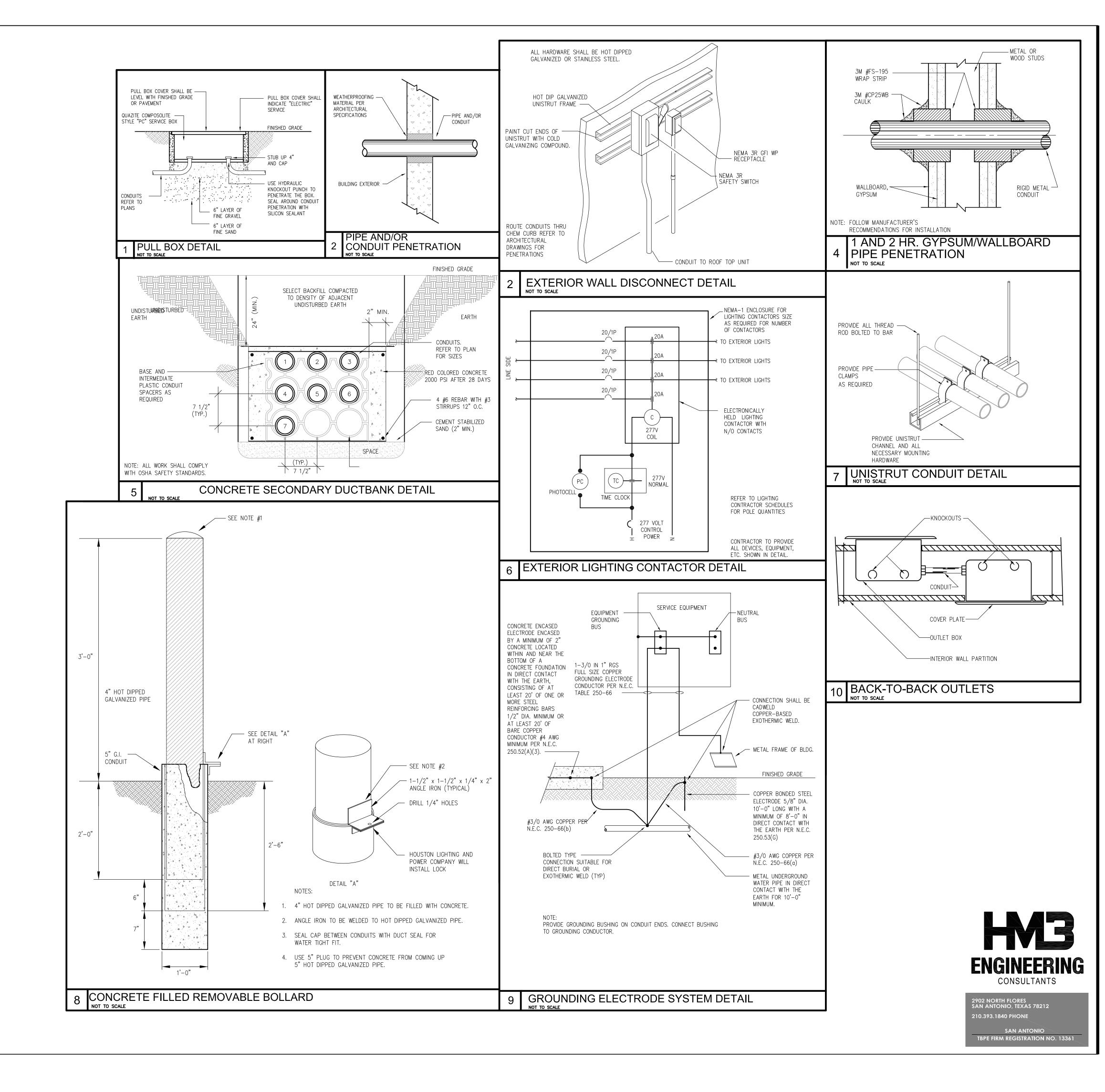
ELECTRICAL ONE LINE DIAGRAM

E4.0

100% CONSTRUCTION SET

ENGINEERING CONSULTANTS









MENGER CREEK LINEAR PARK

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ELECTRICAL DETAILS

E5.0