

ADDENDUM 2

DATE: July 20, 2026

Contract: 26-C-00013; Hubert Avenue Park Improvements

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace pages P-1 thru P-4 with the attached Lump Sum proposal Page P-1R.

Item 2: I didn't see a line item for demobilization; shall we include demobilization in the mobilization line?

Response: Yes, demobilization should be included within the cost for Mobilization. The project is now Lump Sum with Contingency.

Item 3: The Boundary and Topographic survey are noted on the cover as 1 of 2 and 2 of 2, not included in set. However, sheet C-2.3A and C-2.3B read boundary and topographic survey. Are we missing sheet 1 and 2 as another survey or are the sheets C-2.3A and B the referenced drawings? Please advise.

Response: The referenced sheets in the civil plans (Sheets C-2.3A and C-2.3B) represent the boundary and topographic survey. We can provide PDF copies of the survey to the awarded contractor if needed; however, they contain the same information shown on the referenced plan sheets.

Item 4: Is there a spec on the collapsible bollards?

Response: Refer to Item F-12 on Sheet HP601 of the Landscape Plans for the collapsible bollard specification.

Item 5: Bid Item # 12- and # 13- Additional Manhattan Tree removal and ISA Arborist both reference per permit comments. Are the permit comments already incorporated in the design or are there a set of permit comments we need to consider for the bid?

Response: Please review the permit comments and Conditions of Approval in [Accela](#). Some permit comments and conditions require coordination with multiple City departments and may not be fully reflected within the construction plans. Please also review Section SC-10 and the applicable permit

records in [Accela](#). A notarized off-site tree disposition letter is included as an attachment under Permit No. BLD-26-0522388, which addresses this question. The landscape plans accurately depict the extent of tree removal; however, the permitting process differs for on-site versus off-site (right-of-way) tree removals, and the contractor should understand that separate permits are involved.

Item 6: Bid Item # 66- Electronic Signed & Sealed Plans- Are you referencing the As-Built Survey ONLY or were we to include playground and structures designs in this line item as well?

Response: The other signed and sealed documents should be included within the applicable bid items for those components. Note that the light pole foundation details, playground equipment, and boardwalk will require signed and sealed documents, which the respective manufacturers can provide for an additional fee. The contractor will be responsible for coordinating the installation and permit submittal.

Item 7: Bid Item # 70- Additional General Contractor Mark Up for Coordination- Is this item for General Conditions and Overhead for the (12) month project or an allowance for Additional coordination services by the GC?

Response: This item has been eliminated. The contract will now be bid as a Lump Sum with Contingency.

Item 8: Item # 88- Offsite Drainage Improvements: Will this item include work shown on drawing C-5.3, that is outside of the project site limits. Shall MOT on W. Woodlawn Ave be included here? Can you please direct me to the noted "Engineer's opinion dated 8/25/25".

Response: Yes, the improvements on C-5.3 and C-4.1 are included within the limit of work. The MOT for W Woodlawn shall be provided during the pre-construction meeting.

Item 9: Do you have a spec on the Hand Sanitation Station?

Response: The hand sanitizing station will be provided and installed by others.

Item 10: Line Item # 68- Tax Charges- Is this tax associated with the major play equipment or are we supposed to separate tax for all PO items?

Response: This item has been eliminated. Project will now be bid as a Lump Sum; therefore, cost shall include all taxes, freight, delivery, and incidental costs associated with the products and work to be provided.

Item 11: Are you guys accepting approved equals for the playground equipment, surfacing, site amenities, or shelter for your bid at Hubert Park?

Response: Approval of equal equipment cannot be conducted during the bid phase. Consideration of equivalent products may occur after award.

Item 12: Please confirm procurement responsibility for F-10 Park Shelter, Poligon 24' Deluxe Oxford. Section 32 30 00 generally requires the Contractor to furnish all labor, materials, equipment, hardware, footings, anchorage, and incidentals for complete site furnishings; however, both the F-10 specification and HP601 furnishings schedule indicate the park shelter is "Owner-purchased, Contractor-installed." Please confirm that the Contractor shall exclude the material purchase cost of the Poligon shelter and include only installation, equipment, receiving/handling if required, protection, foundations/slab, anchorage, engineered shop drawings, permit support, electrical coordination, and closeout for F-10.

Response: The park pavilion / shelter will be provided and installed by the Awardee. This will no longer be a direct purchase by the City.

Item 13: Motorola/Mottech IRRInet-M AC Controller is to control the irrigation system, not lighting. The drawing only mentions Photocell and Time Clock to control site lighting. The electrical contractor notes that the Motorola/Mottech IRRInet-M AC Controller is specified within the irrigation system documents and appears to be intended for irrigation control. The electrical drawings identify the site lighting circuits as PC/TC, meaning Photocell On / Timeclock Off, and include a separate time clock circuit. Please confirm whether the previous response is modifying the contract documents to require the IRRInet-M irrigation controller to control site lighting. If so, please provide a control wiring diagram/interface detail showing the required connection between the IRRInet-M controller, lighting contactor, timeclock/photocell function, and site lighting circuits, and confirm whether this scope is to be carried by the electrical contractor or irrigation contractor.

Response: The MIR controller is capable of controlling the lights via contactors and that is how P&R typically controls lights in parks. Replace Electrical Plan with the attached.

Item 14: Can we get a spec/detail on the handrail or concrete curb system requested for the Permatrak Boardwalk.- Refer to HP 502, Note # 4.

Response: No railing is required. The finished grade of the boardwalk shall be elevated to a maximum of 2'-6" above existing grades as shown on Sheet HP502. The curb detail is provided in Detail A on the same sheet. The curb system is manufactured by Permatrak.

Item 15: Please share the additional permit comments about tree removal per Bid item # 18.

Response: Please review the permit comments and Conditions of Approval available in [Accela](#). Certain permit comments and conditions require coordination with multiple City departments and may not be fully reflected within the construction documents. Please also review Section SC-10 and the applicable permit records in [Accela](#). A notarized Off-Site Tree Disposition Letter is included as an attachment under Permit No. BLD-26-0522388, which addresses this question. The landscape plans accurately depict the extent of tree removal; however, the permitting process differs for on-site and off-site (right-of-way) tree removals, and the contractor should understand that separate permits are involved.

Item 16: Is there another approved manufacturer for the Concrete Boardwalk (Permatrak)?

Response: There is currently no other designated approved manufacturer. However, approved equal products will be considered in accordance with the Contract Documents.

Item 17: Can you please confirm that the line item # 69- Equipment Freight Charge. Is that for Permatrak and playground ONLY.

Response: This item has been eliminated. Project will now be bid as a Lump Sum; therefore, cost shall include all taxes, freight, delivery, and incidental costs associated with the products and work to be provided.

Item 18: Item # 2- MOT and Plans - Does this include the work shown on sheet C5.3 Storm work at Woodlawn Avenue and TP101 on Manhattan.

Response: Yes. The Maintenance of Traffic (MOT) plan shall include all required right-of-way work, including work on Manhattan Avenue, N. Hubert Avenue, W. Ohio Avenue and W. Woodlawn Avenue. Please also review the MOT permit comments under ROW-26-0000014 in [Accela](#).

Item 19: Sheet C5.3 states 12" storm water line to be cleaned out, is an approved method.

Response: The existing storm sewer pipe shall be cleaned using high-pressure water jetting (pressure washing) and flushing. All loosened sediment and debris shall be removed by vacuum excavation (vacator truck) at the downstream structure. The downstream inlet shall also be thoroughly cleaned by vacuum removal to ensure all accumulated sediment and debris are properly removed from the system.

Item 20: Sheet C5.3- Can we get a detail of existing vs new, and connections required for the storm water line addition.

Response: ST-5 is to be a new Type "T" grate inlet with 3 pipes connected to the structure.

Item 21: Do you have a City of Tampa stamped permit set of drawing that include this park, the storm water addition at Woodlawn (C5.3) and Tree Pruning and Removal shown on TP101, located NOT within the project boundaries.

Response: We can provide the City-stamped permit drawings to the awarded contractor. However, due to the nature of the permit review process, the stamped plan set contains duplicate sheets, is not organized in bid order, and omits certain documents associated with the complete bid package. For bidding purposes, contractors should rely on the issued Bid Set and associated addenda, which accurately represents the complete scope of work. Additional permit comments will be issued in a forthcoming addendum.

Item 22: Attached for reference are the City of Tampa Insurance Requirements.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to ContractAdministration@tampagov.net.

Jim Greiner, P.E., Contract Management Supervisor

Item No.	Description	Unit	Est Qty	Unit Price in Words		Unit Price		Total Price
1	The work includes the furnishing of all labor, equipment, and material for the construction of a park including adjacent streetscape and trail improvements as described in the attached plans and specifications and all associated work required for a complete project in accordance with the contract. Work to include mobilization, MOT, arborist services, earthwork, utilities, paving, pavilion, play equipment, boardwalk, signage, and landscaping.	LS	1		\$		\$	
2	Contingency	LS	1	One hundred and fifty thousand dollars and no cents	\$	150,000	\$	150,000

TOTAL CONSTRUCTION COST \$

CITY OF TAMPA INSURANCE REQUIREMENTS

Prior to commencing any work or services or taking occupancy under that certain written agreement or award (for purposes of this document, Agreement) between the City of Tampa, Florida (City) and Firm/Awardee/Successful Proposer/Contractor/Consultant/Lessee/non-City party, etc. (for purposes of this document, Firm) to which this document is attached and incorporated as an Exhibit or otherwise, and continuing during the term of said Agreement (or longer if the Agreement and/or this document so requires), Firm shall provide, pay for, and maintain insurance against claims which may arise from or in connection with the performance of the Agreement (including without limitation occupancy and/or use of certain property/premises) by Firm, its agents, representatives, employees, suppliers, subtenants, or subcontractors (which term includes sub-consultants, as applicable) of any tier subject to the terms and conditions of this document. Should at any time Firm not maintain the insurance coverages required, City at its sole option (but without any obligation or waiver of its rights) may terminate the Agreement. All provisions intended to survive or to be performed subsequent to the expiration or termination of the Agreement shall survive, including without limitation Firm's obligation to maintain or renew coverage, provide evidence of coverage and certified copies of policies, etc. upon City's request and/or in response to a potential claim, litigation, etc.

The following coverages are required: ("M" indicates million(s), for example \$1M is \$1,000,000)

A. Commercial General Liability (CGL) Insurance on the most current Insurance Services Office (ISO) Form CG 00 01 or its equivalent on an "occurrence" basis (Modified Occurrence or Claims Made forms are not acceptable without prior written consent of the City). Coverage must be provided to cover liability contemplated by the Agreement including without limitation premises and operations, independent contractors, contractual liability, products and completed operations, property damage, bodily, personal and advertising injury, contractual liability, explosion, collapse, underground coverages, personal injury liability, death, employees-as-insureds. Products and completed operations liability coverage maintained for at least 3 years after completion of work. **Limits shall not be less than \$1M per occurrence and \$2M general aggregate for Agreements valued at \$2M or less; if valued over \$2M, a general aggregate limit that equals or exceeds the Agreement's value.** If a general aggregate limit applies, it shall apply separately to the project/location (ISO CG 25 03 or 25 04 or equivalent).

B. Automobile Liability (AL) Insurance in accordance with Florida law, as to the ownership, maintenance, and use of all owned, non-owned, leased, or hired vehicles. **AL insurance shall not be less than: (a) \$500,000 combined single limit each occurrence bodily injury and property damage for Agreements valued at \$100,000 or less or (b) \$1M combined single limit each occurrence bodily injury and property damage for Agreements valued over \$100,000.** If transportation of hazardous material involved, the MCS-90 endorsement (or equivalent).

C. **Worker's Compensation (WC) & Employer's Liability Insurance** for all employees engaged under the Agreement, Worker's Compensation as required by Florida law. **Employer's Liability with minimum limits of (a) \$500,000 bodily injury by accident and each accident, bodily injury by disease policy limit, and bodily injury by disease each employee for Agreements valued at \$100,000 and under or (b) \$1M bodily injury by accident and each accident, bodily injury by disease policy limit, and bodily injury by disease each for all other Agreements.**

D. **Excess (Umbrella) Liability Insurance** for Agreements valued at \$2M or more, at least \$4M per occurrence in excess of underlying limits and no more restrictive than underlying coverage for all work performed by Firm. May also compensate for a deficiency in CGL, AL, or WC.

Firm affirmatively states that the insurance requirements as set forth above are of adequate types and amounts of insurance coverage for any type of claim/loss for the proposed work or services.

ACCEPTABILITY OF INSURERS - Insurance is to be placed with insurers admitted in the State of Florida and who have a current A.M. Best rating of no less than **A-:VII** or, if not rated by A.M. Best, as otherwise approved by the City in advance and in writing.

ADDITIONAL INSURED - City, its elected officials, departments, officers, officials, and employees shall be covered as additional insureds on all liability coverage (e.g. CGL, AL, and Excess (Umbrella) Liability) as to liability arising out of work or operations performed by or on behalf of Firm including materials, parts, or equipment furnished in connection with such work or operations and automobiles owned, leased, hired, or borrowed by or on behalf of Firm. Coverage can be provided in the form of an endorsement to Firm's insurance (at least as broad as ISO Form CG 20 10 11 85 or **both** CG 10 20, CG 20 26, CG 20 33, or CG 20 38 **and** CG 20 37 if later revisions used).

CANCELLATION/NON-RENEWAL – Each insurance policy shall provide that at least 30 days written notice must be given to City of any cancellation, intent to non-renew, or material reduction in coverage (except aggregate liability limits) and at least 10 days' notice for non-payment of premium. Firm shall also have an independent duty to notify City in like manner, within 5 business days of Firm's receipt from its insurer of any notices of same. If any policy's aggregate limit is reduced, Firm shall directly take steps to have it reinstated. Notice and proof of renewal/continued coverage/certifications, etc. shall be sent to the City's notice (or Award contact) address as stated in the Agreement with a copy to the following: ☒ Purchasing Department, 306 E Jackson Street, Tampa, FL 33602

☒ Other: City of Tampa Insurance Compliance c/o Ebix BPO, PO Box 100085- ZS, Duluth, GA 30096

CERTIFICATE OF INSURANCE (COI) AND ENDORSEMENTS – to be provided to City by insurance carrier prior to Firm beginning any work/services or taking occupancy and, if the insurance expires prior to completion of the work or services or Agreement term (as may be extended), a renewal COI at least 30 days before expiration to the above address(es). COIs shall specifically identify the Agreement and its subject (project, lease, etc.), shall be sufficiently comprehensive to insure City (named as additional insured) and Firm and to certify that coverage extends to subcontractors' acts or omissions, and as to permit the City to determine the required coverages are in place without the responsibility of examining individual policies. **Certificate Holder must be The City of Tampa, Florida.**

CLAIMS MADE – If any liability insurance is issued on a claims made form, Firm agrees to maintain such coverage uninterrupted for at least 3 years following completion and acceptance of the work either through purchase of an extended reporting provision or purchase of successive renewals. The Retroactive Date must be shown and be a date not later than the earlier of the Agreement date or the date performance/occupancy began thereunder.

DEDUCTIBLES/ SELF-INSURED RETENTIONS (SIR) – must be disclosed to City and, if over \$500,000, approved by the City in advance and in writing, including at City's option being guaranteed, reduced, or eliminated (additionally if a SIR provides a financial guarantee guaranteeing payment of losses and related investigations, claim administration, and defense expenses). Firm shall be fully responsible for any deductible or SIR (without limiting the foregoing a policy with a SIR shall provide or be endorsed to provide that the SIR may be satisfied by either the City or named insured). In the event of loss which would have been covered but for a deductible or SIR, City may withhold from any payment due Firm, under any agreement with the City, an amount equal to same to cover such loss should full recovery not be obtained under the policy.

PERFORMANCE – All insurance policies shall be fully performable in Hillsborough County, Florida (the County), and construed in accordance with Florida law. Further, all insurance policies must expressly state that the insurance company will accept service of process in the County and that the exclusive venue for any action concerning any matter under those policies shall be in the appropriate state court of the County.

PRIMARY POLICIES - Firm's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as to the City, its elected officials, departments, officers, and employees.. Any insurance or self-insurance maintained by the City, its elected officials, departments, officers, and employees shall be excess of the Firm's insurance and shall not contribute with it.

UNAVAILABILITY – To the fullest extent permitted by law, if Firm is out of business or otherwise unavailable at the time a claim is presented to City, Firm hereby assigns to the City all of its right, title and interest (but not any liabilities or obligations) under any applicable policies of insurance.

WAIVER OF SUBROGATION – With regard to any policy of insurance that would pay third party losses, Firm hereby grants City a waiver of any right to subrogation which any insurer of Firm may acquire against the City by virtue of the payment of any loss under such insurance. Firm agrees to obtain any endorsement that may be necessary to affect such waiver, but this provision shall apply to such policies regardless.

REVISED 7/14/2026

Tampa Construction Specifications
Contract «CONTRACT_NO»; «PROJECTLOWER»

CITY OF TAMPA, FLORIDA

PLANS FOR

Contract 26-C-00013 Hubert Avenue Park Improvements

These Plans for the referenced projects come from uncontrolled sources and do not conform to WCAG 2.1 at level AA. Individuals with disabilities seeking assistance with the individual project plans or specifications should e-mail Contractadministration@tampagov.net.

City of Tampa

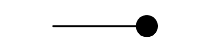
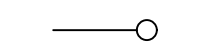
Contract Administration Department

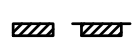
Tampa Municipal Office Building

306 E Jackson Street #280A4N Fourth Floor

Tampa, Florida 33602

JUNE 2026

CONDUIT AND WIRING	
	BRANCH CIRCUIT RUN CONCEALED
	BRANCH CIRCUIT RUN UNDERGROUND
	BRANCH CIRCUIT DOWN
	BRANCH CIRCUIT UP
	HOME RUN TO PANEL 2A SPACES 1, 3, & 5, REFER TO PANEL SCHEDULES
LINE TYPES	
	NEW WORK SCOPE OF WORK
	EXISTING SCOPE OF WORK
	DEMOLITION SCOPE OF WORK
	FUTURE SCOPE OF WORK
GENERAL SYMBOLS	
   	KEY NOTE INDICATOR
	DRAWING REVISION INDICATOR

ELECTRICAL LIGHTING SYMBOLS LEGEND (REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION)	
	EXTERIOR POLE MOUNTED FIXTURE - TYPE AS SPECIFIED
ELECTRICAL POWER SYMBOLS LEGEND (MOUNTING HEIGHT TO CENTER LINE OF BOX UNLESS NOTED OTHERWISE)	
	DUPLEX RECEPTACLE (18" AFF)
	PANELBOARD

ELECTRICAL ABBREVIATIONS			
A	AMP	L	LEVEL
AA	AUTOMATIC ALTERNATOR	LC	LOUVER CONTROLLER
AC	ALTERNATING CURRENT	LFMC	LIQUID-TIGHT FLEXIBLE
ACU	AIR CONDITIONER UNIT		METAL CONDUIT
AF	AMPERAGE FRAME	LM	LOUVER MOTOR
AFF	ABOVE FINISHED FLOOR	LPI ()	LIGHTING CIRCUIT ()
ANN	ANNUNCIATOR	LPI ()	LIGHTING PANELBOARD
AS	AMMETER SWITCH	LS	LIMIT SWITCH
AT	AMPERE TRIP	LV	LOUVER
AX	AUXILIARY DELAY		
		M	MANUAL MOTOR STARTER
BKR	BREAKER	mA	MILLIAMPERES
		MC	METAL CLAD CABLE
CB	CIRCUIT BREAKER	MCC	MOTOR CONTROL CENTER
COL	COLUMN BUILDING CODE, BUILDING, 8TH EDITION (2023)	MCP	MOTOR CIRCUIT PROTECTOR
CL	CENTERLINE	MEZZ	MEZZANINE
CKT	CIRCUIT	MF ()	MAIN FEEDER () ID
CF(P OR L)	CLOSE ON FALLING (PRESSURE OR LEVEL)	MGD	MILLION GALLONS PER DAY
CR(P OR L)	CLOSE ON RISING (PRESSURE OR LEVEL)	MS	MOTOR STARTER
CH	CONVECTION HEATER	MTD	MOUNTED
COMPT	COMPARTMENT	MTR	MOTORIZED TIMING RELAY
COND	CONDUCTOR	MUAU	MAKE UP AIR UNIT
CDT	CONDUIT	MX	MOTOR AUXILIARY RELAYS
C ()	CONTRACT () ID	(N)	NEW
CPT	CONTROL POWER TRANSFORMER	NAC	NOTIFICATION APPLIANCE CIRCUIT
CR ()	CONTROL RELAY () ID	NP	NAMEPLATE
I/I	CURRENT TO CURRENT TRANSducer	NF	NON FUSED
IP	CURRENT TO PNEUMATIC TRANSducer	NFSS	NON FUSED SAFETY SWITCH
CT	CURRENT TRANSFORMER	N.C.	NORMALLY CLOSED
		N.O.	NORMALLY OPEN
		No.	NUMBER
		()OL	OVERLOAD () NUMBER OF
D	EXISTING TO BE DEMOLISHED	P	PRESSURE
DC	DIRECT CURRENT	()P	POLES () NO OF POLES
DF	DUST FILTER	Ø or PH	PHASE
DIA	DIAMETER	P/I	PNEUMATIC TO CURRENT TRANSducer
DISTR	DISTRIBUTION	PLC	PROGRAMMABLE LOGIC CONTROLLER
DP	DIFFERENTIAL PRESSURE	PRE	POWER ROOF EXHAUSTER
DS	DISCONNECT SWITCH	PS	PRESSURE SWITCH
DPTD	DOUBLE POLE, DOUBLE THROW	PT	POTENTIAL TRANSFORMER
		PTAC	PACKAGE TERMINAL AIR CONDITIONER
E	EXISTING TO REMAIN	PTR	PNEUMATIC TIMING RELAY
EBB	ELECTRIC BASED BOARD	PVC	POLYVINYL CHLORIDE
EC	ELECTRICAL CONTRACTOR	PVC-RSC	PVC COATED RIGID
ECH	ELECTRIC CEILING HEATER		STEEL CONDUIT
EDH	ELECTRIC DUCT HEATER	PWV	POWER WALL VENTILATOR
EF	ELECTRIC FAN	QTY	QUANTITY
EMT	ELECTRIC METALLIC TUBING		
ER	EXISTING TO BE REMOVED AND RELOCATED	R	RELOCATED
ETM	ELAPSED TIME METER	RAC	RIGID ALUMINUM
EUH	ELECTRIC UNIT HEATER	RECPT	RECEPTACLE
EWV	ELECTRIC WATER COOLER	REQ	REQUIRED
		RMS	ROOT MEAN SQUARE
F	FLOW	RGS	RIGID STEEL CONDUIT
FDR	FEEDER	RTU	REMOTE TERMINAL UNIT
FLA	FULL LOAD AMPS	SAF	SUPPLY AIR FAN
FMC	FLEXIBLE METALLIC CONDUIT	STP	SHIELDED TWISTED PAIR
FOS	FAST-OFF-SLOW	SL	STOP LOCKOUT
F-S	FAST-SLOW	SMC	SMART MOTOR CONTROLLER
FT	FEET	SPDT	SINGLE POLE, DOUBLE THROW
F-R	FORWARD REVERSE FRAME	SS	SELECTOR SWITCH
FR	FUSED SAFETY SWITCH	S/S	START/STOP
FVNR	FULL VOLTAGE NON-REVERSING	S/SL	START/STOP LOCKOUT
		SV	SOLENOID VALVE
		SYM	SYMMETRICAL
		T or T'STAT	THERMOSTAT
G	GREEN	T ()	TELEPHONE CONDUIT ()
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TOC	TIME-CLOSE CONTACT
GPM	GALLONS PER MINUTE	TEMP	TEMPERATURE
GND	GROUND	TC	TEMPERATURE CONTRACTOR
GRV	GRAVITY RELIEF VENT	TOC	TIME-OPEN CONTACT
GUH	GAS UNIT HEATER	TR	TIMING RELAY
		TRI	SHIELDED TRIPLE CABLE
ID	IDENTIFICATION NUMBER	TS	TEMPERATURE SWITCH
IC	INTERRUPTING CAPACITY	TSP	TWISTED SHIELDED PAIR
IF	INFRARED HEATER	TYP	TYPICAL
IMC	INTERMEDIATE METAL CONDUIT		
INF	IN LINE FAN	UF	UNDERGROUND FEEDER
IO	INPUT/OUTPUT	UH	UNIT HEATER
IT	INTERCHANGEABLE TRIP OR INSTANTANEOUS TRIP	VA	VOLT - AMPERE
		VAC	VOLTS ALTERNATING CURRENT
JB	JUNCTION BOX	VDC	VOLTS DIRECT CURRENT
		VFD	VARIABLE FREQUENCY DRIVE
komil	THOUSAND CIRCULAR MILS	VS	VOLTMETER SWITCH
KUH/EUH	ELECTRIC UNIT HEATER	VT	VOLTAGE TRANSFORMER
KVA	KILOVOLT AMPERE		
KV	KILOVOLT	W	WATT
KVAR	KILOVOLT AMPERES REACTIVE	WH	WATER HEATER
KW	KILOWATT	WP	WEATHERPROOF

GENERAL PROJECT NOTES	
1.	THIS IS A COMPLETE LIST OF ELECTRICAL SYMBOLS AND ABBREVIATIONS FOR REFERENCE ONLY. SYMBOLS SHOWN ON THIS DRAWING MAY NOT APPEAR ON THE FOLLOWING DRAWINGS.
2.	THE CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS ON EXISTING UTILITIES WITH OWNER REPRESENTATIVES IN ORDER TO MINIMIZE IMPACT TO OTHER AREAS.
3.	PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, REGULATIONS, AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. IF CONFLICTS EXIST BETWEEN THESE ENGINEERING DOCUMENTS AND CODES, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
4.	ALL CONSTRUCTION WORK SHALL ALSO MEET THE FOLLOWING CODE REQUIREMENTS: - FLORIDA BUILDING CODE, BUILDING, 8TH EDITION (2023) - FLORIDA FIRE PREVENTION CODE, 8TH EDITION (2023) - NFPA 101-2021, THE LIFE SAFETY CODE - NFPA 70-2020, NATIONAL ELECTRICAL CODE - NFPA 72-2019, NATIONAL FIRE ALARM CODE
5.	THE ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE. BEFORE STARTING THE WORK THE CONTRACTOR SHALL REVIEW ALL OTHER DISCIPLINE DRAWINGS AND VERIFY FIELD CONDITIONS AND SHALL MAKE ANY REQUIRED MINOR ADJUSTMENTS WITHOUT EXTRA COST TO THE OWNER. ANY MAJOR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
6.	ALL WIRING SHALL BE IN CONDUIT. MINIMUM CONDUIT SIZE SHALL BE 3/4". MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG. ALL NEW CIRCUITS SHALL BE PROVIDED WITH AN INDIVIDUAL NEUTRAL AND GROUNDING CONDUCTOR WITH THE PHASE CONDUCTOR.
7.	ALL CONDUITS INSTALLED INTERIOR SHALL BE EMT. ALL CONDUITS INSTALLED EXTERIOR UNDERGROUND SHALL BE PVC SCHEDULED 40. ALL CONDUITS INSTALLED EXTERIOR AND EXPOSED SHALL BE RGS.
8.	CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER. CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER. UNLESS NOTED OTHERWISE, CONDUCTORS INSULATION SHALL BE DUAL RATED AT THHN/THWN.
9.	ALL DEVICES, EQUIPMENT MATERIAL AND LABOR SHALL BE PROVIDED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
10.	ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE MOUNTED AS PER EQUIPMENT AND DEVICE MANUFACTURER RECOMMENDATIONS.
11.	CONTRACTOR SHALL PROVIDE SUBMITTALS TO ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL OF ALL ELECTRICAL EQUIPMENT AND DEVICES DESCRIBED IN THE SUBMITTAL REGISTER. SUBMITTALS SHALL INCLUDE CUT SHEETS, DIMENSIONS, WIRING DIAGRAMS, ACCESSORIES, OPERATION MANUALS, AND ALL NECESSARY INFORMATION FOR REVIEWER TO MAKE A SOUND EVALUATION.
12.	PROVIDE STARTUP OF ALL ELECTRICAL SYSTEMS AND COORDINATE WITH ARCHITECT/ENGINEER FOR OWNER STARTUP WITNESSING.
13.	PROVIDED LAMINATED PLASTIC NAMEPLATES FOR EACH EQUIPMENT ENCLOSURE. EACH NAMEPLATE IDENTIFY EQUIPMENT FUNCTION, PANELBOARD CONNECTED AND CIRCUIT NUMBER. NAMEPLATE SHALL BE MELAMINE PLASTIC (0.125 INCHES THICK), WHITE LETTERS ON BLACK BACKGROUND. MINIMUM SIZE OF LETTERS SHALL BE 2.5 INCHES. IN ADDITION TO EQUIPMENT TAGGING, CONTRACTOR SHALL PROVIDE ARC-FLASH WARNING AND AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION LABELS FOR PANELBOARDS, OTHER THAN DWELLING UNIT LOAD CENTERS, IN ACCORDANCE WITH NEC 110.
14.	PROVIDE COMPUTER PRINTED ON WHITE WRAPAROUND PAPER WITH CLEAR PLASTIC PROTECTION TAIL FOR ALL WIRE MARKERS. MARKER SHALL STATE PANELBOARD NAME AND CIRCUIT NUMBER ON ALL WIRES IN JUNCTION/PULL BOXES AND IN EQUIPMENT TERMINAL BOXES.
15.	PROVIDE PUNCHED TAPE LABELS ON ALL WIRING DEVICES FOR IDENTIFICATION. SHALL BE 1/2" BLACK TAPE WITH WHITE RAISED LETTERS. TAPE LABELS SHALL STATE PANELBOARD NAME AND CIRCUIT NUMBER.
16.	PROVIDE DIRECTORIES ON ALL PANELBOARDS. ALL LOADS SHALL BE BALANCED TO WITHIN 10%.
17.	CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE SET OF RECORD DRAWINGS TO THE OWNER AT THE END OF THE CONSTRUCTION.
18.	ALL MATERIALS AND EQUIPMENT TO BE INSTALLED SHALL BE NEW AND FREE OF DEFECTS. ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS AND SHALL BE UL LABELED. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
19.	ALL CONNECTORS AND SPLICES FOR CABLE SIZE #10 AWG AND SMALLER SHALL BE INSULATED, PRESSURE-TYPE. FOR LARGER SIZE CONDUCTORS USE BOLTED CLAMPS WITH INSULATING TAPE.
20.	PROVIDE INSULATION AND CONTINUITY TEST OF ALL 1000V AND LESS WIRES AND CABLES. USE TESTING PROCEDURES DESCRIBED IN INTERNATIONAL ELECTRICAL TESTING AGENCY (NETA) STANDARDS. REPLACE ANY CABLES WITH INSULATION RESISTANCE LESS THAN 100 MEGA OHMS (MOHMS). TEST ALL GROUND FAULT CIRCUIT INTERRUPTING (GFCI) RECEPTACLES. TEST ALL GROUNDING ELECTRODE SYSTEMS WITH FALL OF POTENTIAL METHOD. MAKE RESISTANCE MEASUREMENTS 48 HOURS AFTER LAST RAIN FALL. MAXIMUM RESISTANCE TO GROUND SHALL BE 5 OHMS.
21.	CONTRACTOR SHALL PROVIDE RECORD DOCUMENTS, DRAWINGS AND MANUALS TO OWNER WITHIN 90 DAYS AFTER SYSTEM ACCEPTANCE PER FLORIDA BUILDING CODE - ENERGY CONSERVATION 8TH EDITION (2023) - SECTIONS C405.5.4.
22.	PANELBOARDS SHALL BE SUPPLIED WITH BOLT-ON CIRCUIT BREAKERS. ALL BUSBARS, PHASE, NEUTRAL, GROUND IN PANELBOARDS SHALL BE TIN-PLATED ALUMINUM.

PROJECT NOTES

THE INTENT OF DESIGN FOUND WITHIN THIS PROJECT CONSISTS OF ELECTRICAL ENGINEERING SERVICES FOR A NEW PARK FOR THE CITY OF TAMPA, INCLUDING ELECTRICAL DISTRIBUTION, SITE LIGHTING, POWER FOR IRRIGATION AND FUTURE IMPROVEMENTS.

Sheet List Table	
Sheet Number	Sheet Title
E000	ELECTRICAL LEGEND, NOTES AND ABBREVIATIONS
ES100	ELECTRICAL SITE PLAN
E600	ELECTRICAL RISER DIAGRAM, DETAILS, SCHEDULES

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4115 N. Manhattan
Tampa, Florida

Seal

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	2026.07.16	COORDINATION
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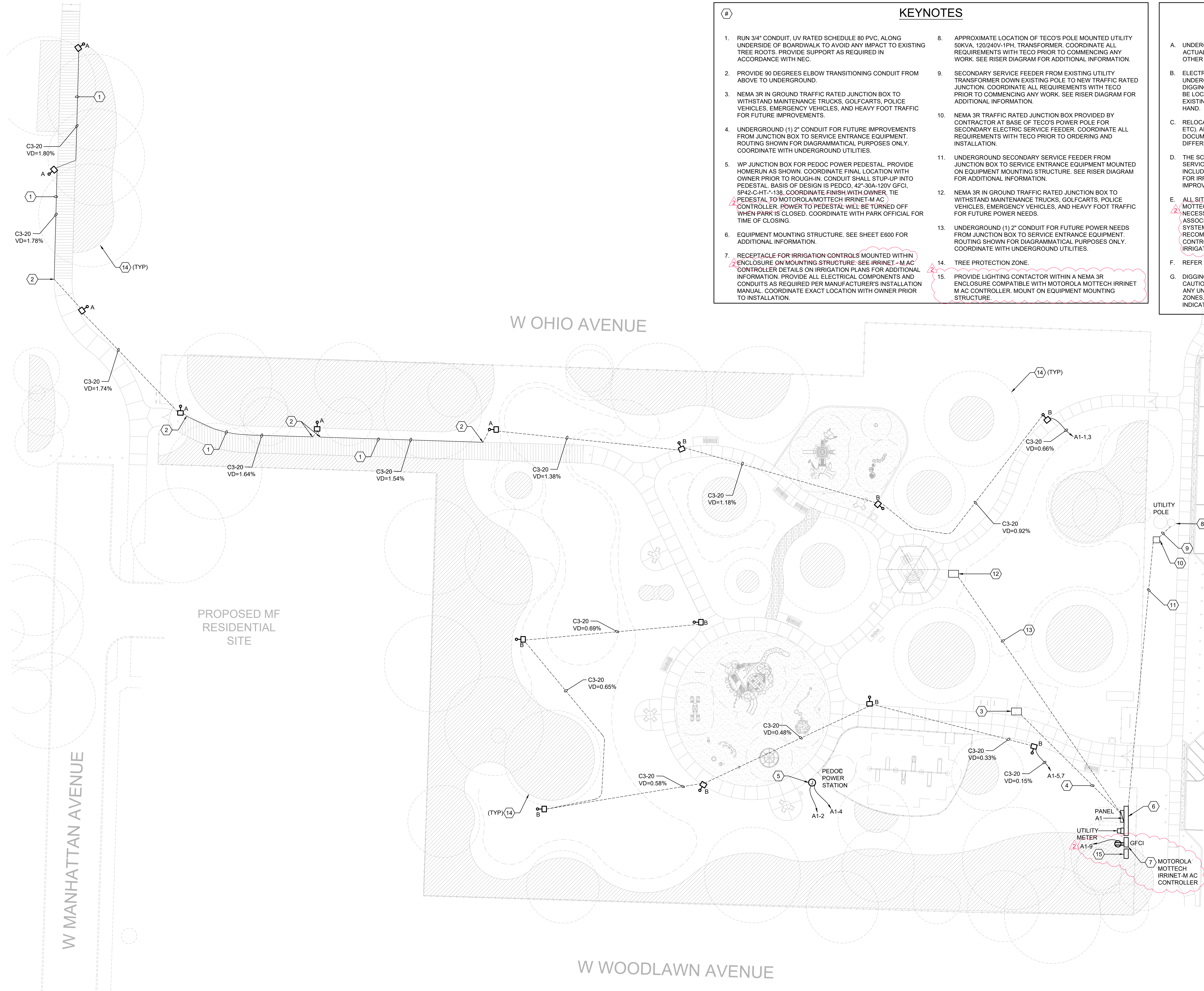
Date:	FEBRUARY 2, 2026
Job No.:	24540
Drawn By:	SL
Checked By:	SC

Sheet Title

ELECTRICAL LEGENDS,
NOTES & ABBREVIATIONS

Sheet No.

E000



- ### KEYNOTES
1. RUN 3/4" CONDUIT, UV RATED SCHEDULE 80 PVC, ALONG UNDERSIDE OF BOARDWALK TO AVOID ANY IMPACT TO EXISTING TREE ROOTS. PROVIDE SUPPORT AS REQUIRED IN ACCORDANCE WITH NEC.
 2. PROVIDE 90 DEGREES ELBOW TRANSITIONING CONDUIT FROM ABOVE TO UNDERGROUND.
 3. NEMA 3R IN GROUND TRAFFIC RATED JUNCTION BOX TO WITHSTAND MAINTENANCE TRUCKS, GOLF CARTS, POLICE VEHICLES, EMERGENCY VEHICLES, AND HEAVY FOOT TRAFFIC FOR FUTURE IMPROVEMENTS.
 4. UNDERGROUND (1) 2" CONDUIT FOR FUTURE IMPROVEMENTS FROM JUNCTION BOX TO SERVICE ENTRANCE EQUIPMENT. ROUTING SHOWN FOR DIAGRAMMATICAL PURPOSES ONLY. COORDINATE WITH UNDERGROUND UTILITIES.
 5. WP JUNCTION BOX FOR PEDOC POWER PEDESTAL. PROVIDE HOMERUN AS SHOWN. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN. CONDUIT SHALL STUP-UP INTO PEDESTAL. BASIS OF DESIGN IS PEDCO, 42"-30A-120V GFCI, 5P42-C-HT-138. COORDINATE FINISH WITH OWNER. TIE PEDESTAL TO MOTOROLA/MOTTECH IRRINET-M AC CONTROLLER. POWER TO PEDESTAL WILL BE TURNED OFF WHEN PARK IS CLOSED. COORDINATE WITH PARK OFFICIAL FOR TIME OF CLOSING.
 6. EQUIPMENT MOUNTING STRUCTURE. SEE SHEET E600 FOR ADDITIONAL INFORMATION.
 7. RECEPTACLE FOR IRRIGATION CONTROLS MOUNTED WITHIN ENCLOSURE ON MOUNTING STRUCTURE. SEE IRRINET - M AC CONTROLLER DETAILS ON IRRIGATION PLANS FOR ADDITIONAL INFORMATION. PROVIDE ALL ELECTRICAL COMPONENTS AND CONDUITS AS REQUIRED PER MANUFACTURER'S INSTALLATION MANUAL. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
 8. APPROXIMATE LOCATION OF TECO'S POLE MOUNTED UTILITY 50KVA, 120/240V-1PH, TRANSFORMER. COORDINATE ALL REQUIREMENTS WITH TECO PRIOR TO COMMENCING ANY WORK. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
 9. SECONDARY SERVICE FEEDER FROM EXISTING UTILITY TRANSFORMER DOWN EXISTING POLE TO NEW TRAFFIC RATED JUNCTION. COORDINATE ALL REQUIREMENTS WITH TECO PRIOR TO COMMENCING ANY WORK. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
 10. NEMA 3R TRAFFIC RATED JUNCTION BOX PROVIDED BY CONTRACTOR AT BASE OF TECO'S POWER POLE FOR SECONDARY ELECTRIC SERVICE FEEDER. COORDINATE ALL REQUIREMENTS WITH TECO PRIOR TO ORDERING AND INSTALLATION.
 11. UNDERGROUND SECONDARY SERVICE FEEDER FROM JUNCTION BOX TO SERVICE ENTRANCE EQUIPMENT MOUNTED ON EQUIPMENT MOUNTING STRUCTURE. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
 12. NEMA 3R IN GROUND TRAFFIC RATED JUNCTION BOX TO WITHSTAND MAINTENANCE TRUCKS, GOLF CARTS, POLICE VEHICLES, EMERGENCY VEHICLES, AND HEAVY FOOT TRAFFIC FOR FUTURE POWER NEEDS.
 13. UNDERGROUND (1) 2" CONDUIT FOR FUTURE POWER NEEDS FROM JUNCTION BOX TO SERVICE ENTRANCE EQUIPMENT. ROUTING SHOWN FOR DIAGRAMMATICAL PURPOSES ONLY. COORDINATE WITH UNDERGROUND UTILITIES.
 14. TREE PROTECTION ZONE.
 15. PROVIDE LIGHTING CONTACTOR WITHIN A NEMA 3R ENCLOSURE COMPATIBLE WITH MOTOROLA MOTTECH IRRINET M AC CONTROLLER. MOUNT ON EQUIPMENT MOUNTING STRUCTURE.

- ### GENERAL NOTES
- A. UNDERGROUND ROUTING SHOWN FOR REFERENCE ONLY. ACTUAL ROUTING SHALL BE BASED ON FIELD CONDITIONS AND OTHER UTILITIES.
 - B. ELECTRICAL CONTRACTOR SHALL CONTACT LOCAL UTILITY UNDERGROUND LOCATING SERVICE COMPANY PRIOR TO DIGGING IN THE SITE. EXISTING UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO COMMENCEMENT. ALL DIGGING AROUND EXISTING UNDERGROUND UTILITIES SHALL BE PERFORMED BY HAND.
 - C. RELOCATION OF EXISTING UTILITIES (TRANSFORMERS, POLE, ETC.) ARE NOT PART OF THE SCOPE OF WORK IN THESE DESIGN DOCUMENTS AND SHALL BE PROVIDED BY OTHERS UNDER A DIFFERENT PERMIT.
 - D. THE SCOPE OF WORK CONSIST OF ELECTRICAL ENGINEERING SERVICES FOR A NEW PARK FOR THE CITY OF TAMPA, INCLUDING ELECTRICAL DISTRIBUTION, SITE LIGHTING, POWER FOR IRRIGATION AND FUTURE PROVISIONS FOR A FUTURE IMPROVEMENTS.
 - E. ALL SITE LIGHTING SHALL BE CONTROLLED VIA MOTOROLA MOTTECH IRRINET-M AC CONTROLLER. PROVIDE THE NECESSARY WIRING, RELAYS, CONTACTORS, ENCLOSURE AND ASSOCIATE COMPONENTS ETC. FOR A FULLY FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CONTROLLER IS CAPABLE OF CENTRALLY CONTROLLING LIGHTS BY PARKS AND REC PERSONNEL. SEE IRRIGATION PLANS FOR ADDITIONAL INFORMATION.
 - F. REFER TO LANDSCAPE PLANS FOR PHOTOMETRIC SITE PLAN.
 - G. DIGGING AROUND EXISTING TREES SHALL BE TAKEN WITH CAUTION/CARE AND PERFORMED BY HAND. AVOID RUNNING ANY UNDERGROUND CONDUIT AND TRENCHING WITHIN THESE ZONES. THESE ZONES ARE "TREE PROTECTION ZONE" INDICATED WITH KEYNOTE #14 AND DASHED CIRCLES.

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Seal

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2	2026.07.16 COORDINATION
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REV	DATE DESCRIPTION

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Job No.: 24540
Drawn By: SL
Checked By: SC

Sheet Title
ELECTRICAL
SITE PLAN

Sheet No.

ES100



To: James E. Lockhart
From: James E. Lockhart
Subject: - Fault Data
Date: February 28, 2025
Below please find the information requested regarding the fault analysis for the referenced address. Typical fault currents on the Tampa Electric primary voltage system range from 2,000 A to 6,000 A while X/R is typically 2.0 to 4.0, depending on location. The information below is based on the system configuration as of the above date and is subject to change without notice.

Premise Address: 4108 N Hubert Ave
Grid Number: 23343 - 42452
Meter Number: Unknown
Work Request Number: N/A
Circuit Number: 13537
Substation Name: TAMPA BAY BLVD
Substation Transformer: NORTH

Transformer Information
Size: 50 kVA overhead transformer
Primary Voltage: 13.2Y/7.62 kV nominal, grounded wye
Secondary Voltage: 120/240 Volts
Design Impedance: 2.30 %
Upstream Protective Device: 10 Amp Chance MS Fuse
Approx. Transformer X/R: 2.4
Infinite Bus Fault at Secondary: 10,417 Amperes

For equipment sizing purposes (bracing) please use 15,625 available secondary amperes. This is to accommodate a possible change of the transformer to one size smaller or one size larger without exceeding the bracing you have selected.

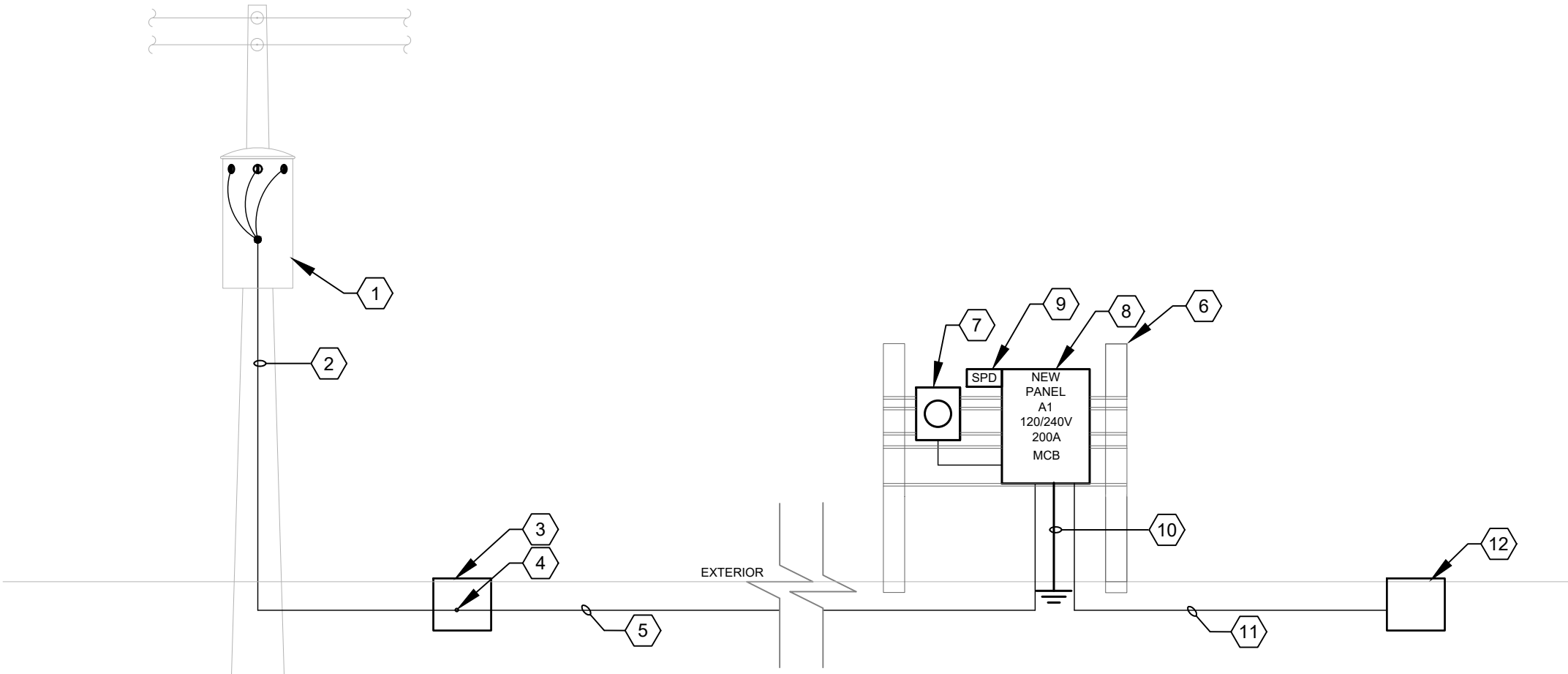
TRANSFORMER SCHEDULE						
Name	Size KVA	Rating	Primary Voltage	Secondary Voltage	Fault kAIC at Secondary	G.E.C.
UTILITY	50	Standard	Utility	240V/1 Phase	15.63	None

240V FEEDER SCHEDULE														
Feeder Termination	Feeder Source	Design Load KVA	Breaker Size Amps	Poles	Neutral (Y/N)	Feeder Material	Number of Runs	Wires per Run	Neutral Conductors per Run	Wire Size	Ground Size	Conduit Type	Voltage Drop	Fault Current kAIC
PANEL A1	UTILITY	2.205	200	2	Y	Cu	1	2	3/0 AWG	3/0 AWG	None	None	0.118%	8.07
NOTES: 1. FEEDER AMPACITIES BASED ON NEC TABLE 310.16 FOR 75°C. 2. EQUIPMENT GROUND (E.G.) SIZED PER NEC TABLE 250.122. 3. TRANSFORMER PRIMARY AND SECONDARY OVERCURRENT PROTECTION SIZED IN ACCORDANCE WITH NEC ARTICLES 240 AND 450. 4. ALL CONDUITS SIZED PER NEC TABLE C.1 FOR THHN, THWN, THWN-2. 5. ALL K RATED TRANSFORMERS SECONDARY FEEDERS SIZED WITH 80% DERATING FACTOR AND 200% RATED NEUTRAL.														

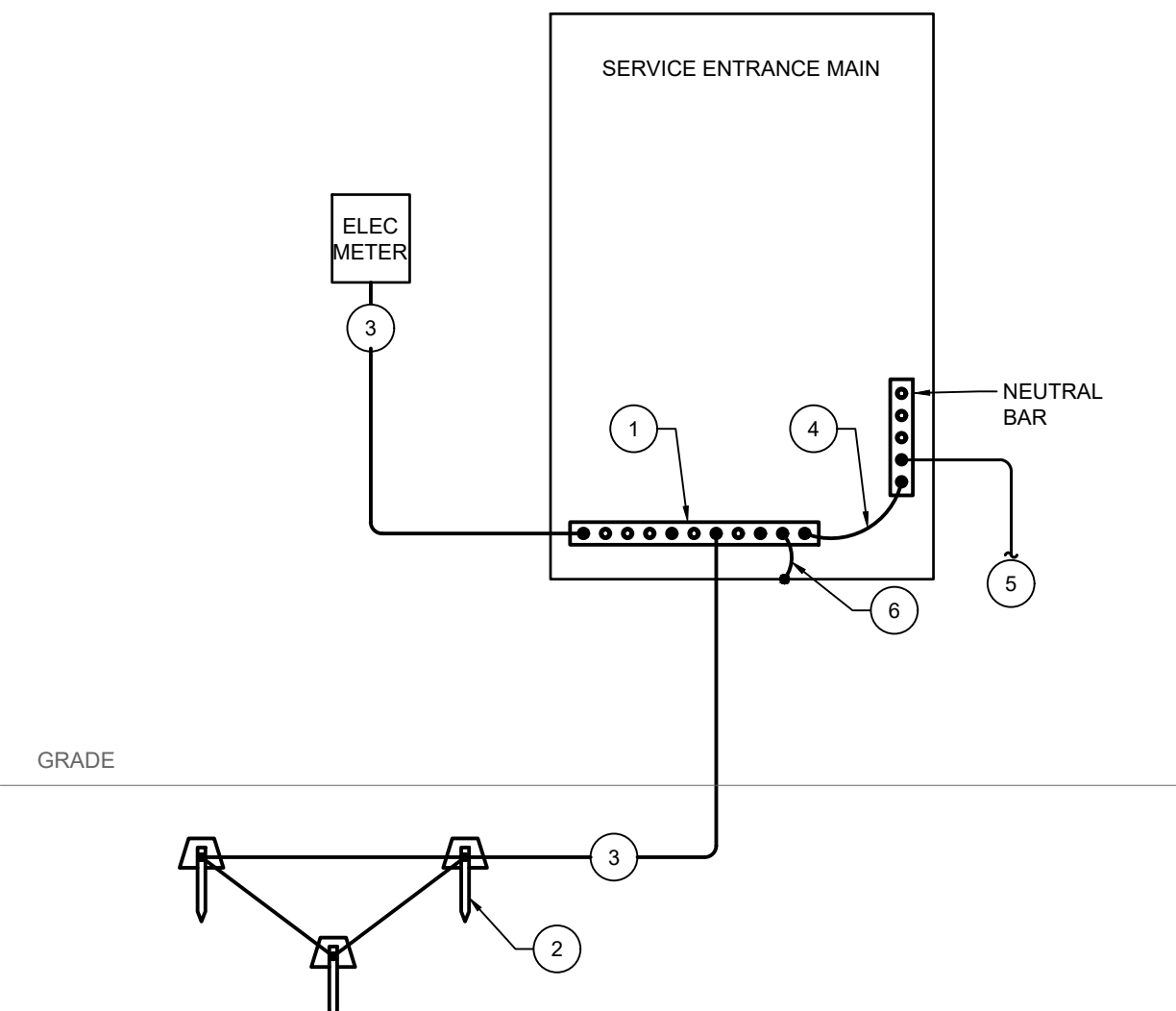
BRANCH CIRCUIT COPPER WIRE AND CONDUIT SCHEDULE									
Designation	Parallel Runs	3 Phase, 4 Wire			3 or 1 Phase, 3 Wire			1 Phase, 2 Wire	
		Conductors (AWG/kcmil)	Equipment Ground (AWG/kcmil)	Conduit	Conductors (AWG/kcmil)	Equipment Ground (AWG/kcmil)	Conduit	Conductors (AWG/kcmil)	Equipment Ground (AWG/kcmil)
C-20	1	4 # 12	1 # 12	3/4"	3 # 12	1 # 12	3/4"	2 # 12	1 # 12
C-30	1	4 # 10	1 # 10	3/4"	3 # 10	1 # 10	3/4"	2 # 10	1 # 10
C-40	1	4 # 8	1 # 10	1"	3 # 8	1 # 10	3/4"	2 # 8	1 # 10
C-60	1	4 # 6	1 # 10	1"	3 # 6	1 # 10	1"	2 # 6	1 # 10
C-70	1	4 # 4	1 # 8	1-1/2"	3 # 4	1 # 8	1"	2 # 4	1 # 8
C-90	1	4 # 3	1 # 8	1-1/2"	3 # 3	1 # 8	1-1/2"	2 # 3	1 # 8
C-100	1	4 # 3	1 # 8	1-1/2"	3 # 3	1 # 8	1-1/2"	2 # 3	1 # 8
C-110	1	4 # 2	1 # 6	1-1/2"	3 # 2	1 # 6	1-1/2"	2 # 2	1 # 6
C-125	1	4 # 1	1 # 6	2"	3 # 1	1 # 6	1-1/2"	2 # 1	1 # 6
C-150	1	4 # 10	1 # 6	2"	3 # 10	1 # 6	1-1/2"	2 # 10	1 # 6
C-175	1	4 # 20	1 # 6	2"	3 # 20	1 # 6	1-1/2"	2 # 20	1 # 6
C-200	1	4 # 3/0	1 # 6	2"	3 # 3/0	1 # 6	2"	2 # 3/0	1 # 6
Notes 1. All conductors indicated in schedule shall be copper.									

PANELBOARD SCHEDULE														
#	Description	Circuit Breakers			Wire and Conduit	Load (VA)		Panel Options	Circuit Breakers			Description		
		Trips (A)	Poles	Options		A	B		Trips (A)	Poles	Options			
1	SITE LIGHTING	20	2	M AC	*	270			C2-30	GFCI/HT	1	30	PEDESTAL	2
3	-					270			C2-30	GFCI/HT	1	30	PEDESTAL	4
5	SITE LIGHTING	20	2	M AC	*	180	180				2	100	FUTURE IMPROVEMENTS	6
7	-													8
9	IRRIGATION	20	1	GFCI	C2-20	180					1	20	SPARE	10
11	SPARE	20	1								3	30	SPD	12
13	SPARE	20	1											14
15	SPARE	20	1											16
17	SPARE	20	1								1	20	SPARE	18
19	SPARE	20	1								1	20	SPARE	20
Load Description														
Connected Load (VA)		Demand Factor		Demand Load (VA)		Connected Load (VA)		Panel Options		Circuit Breaker Options				
Lighting:		900		1,125		Phase A: 3,510		Voltage: 240/120V, 1Ø, 3W		AFCI: Arc Fault Circuit Interrupter				
Receptacles - First 10 kVA:		5,940		1,00		Phase B: 3,330		Mains: 200A MCB		GFCI: GFCI Personnel (4.6 mA)				
Receptacles - Over 10 kVA:				0.50		Total (VA): 6,840		Rating: 10 kAIC		GFP: Ground Fault Protection				
Motors:				1.00				Minimum Bus Rating: 200		HT: Handle Tie				
Largest Motor:				0.25				Mounting: Surface		ST: Shunt Trip				
Air Conditioning:						See Wire and Conduit Schedule for wire and conduit sizes.		Enclosure Type: NEMA 3R		L-ON: CB Lock in Closed Position				
Heat Pumps & Non-Coincidental:				1.00				Isolated Ground: No		L-OFF: CB Lock in Open Position				
Electric Space Heating:				1.00				Sub-feed Lugs: No		2 TC/TC, Timeclock On/Timeclock Off				
Kitchen:				1.00				Feed-thru Lugs: No		M AC: MOTTECH IRRINET-M AC CONTRL				
Elevators:				1.00						PC/PC: Photocell On/Photocell Off				
Continuous Loads:				1.25		1. * SEE SITE PLAN FOR CONDUIT AND WIRE SIZE.								
Non-continuous Loads:				1.00										
Totals (VA):		6,840		7,065		3.								
Total (A):						29								

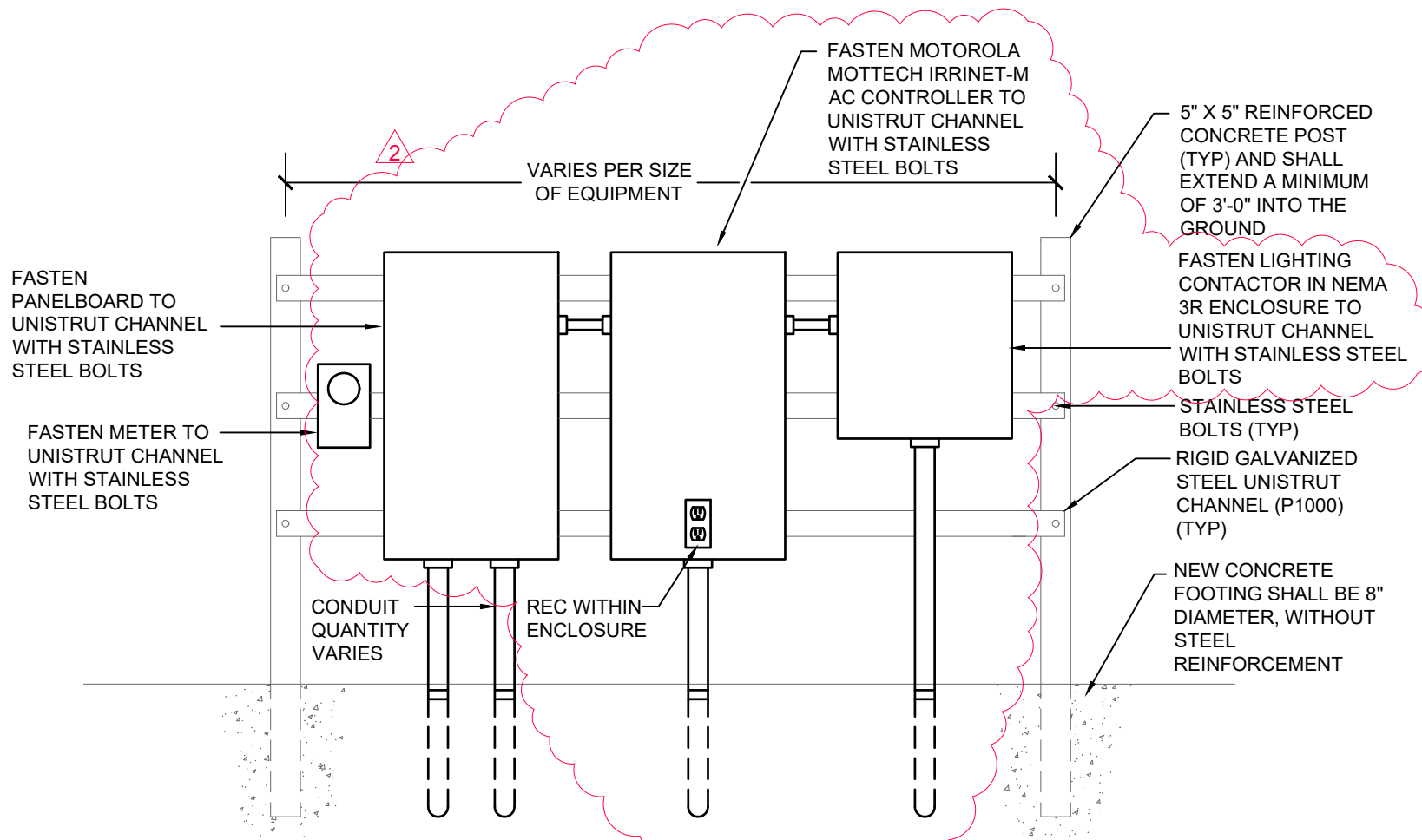
LIGHTING FIXTURE SCHEDULE									
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMPS		VOLTS	MOUNTING	REMARKS	BALLAST/ TRANSFORMER
				Qty	Type				
A	LANDSCAPE FORMS	AG-500L5-056F-30K-UV1-12-TW1-FOG	POST TOP AREA LIGHT, TYPE III DISTRIBUTION, 60,000 HOUR L70 RATED LIFE, 19 STEP POWDER COAT PAINT, 5 YEAR WARRANTY		70CRI/3000K	UNV	POST TOP 12' AFG	NOTE POLE RATED FOR 150 MPH WIND ZONE	0-10V
B	LANDSCAPE FORMS	AG-500L5-056F-30K-UV1-16-TW1-FOG	POST TOP AREA LIGHT, TYPE V DISTRIBUTION, 60,000 HOUR L70 RATED LIFE, 19 STEP POWDER COAT PAINT, 5 YEAR WARRANTY		70CRI/3000K	UNV	POST TOP 16' AFG	NOTE POLE RATED FOR 150 MPH WIND ZONE	0-10V
LIGHTING SCHEDULE NOTES: 1. ALL LAMPS SHALL BE 80+ CRI AND 3500K UNLESS NOTED OTHERWISE. 2. OTHER FIXTURES MAY BE SUBMITTED FOR APPROVAL UP TO 10 WORKING DAYS PRIOR TO BID DATE, TO ALLOW FOR PROPER EVALUATION. SUBMISSIONS WITHIN 10 WORKING DAYS PRIOR TO BID DATE WILL NOT BE EVALUATED. EQUIPMENT IS APPROVED THROUGH ADDENDUM ONLY.									



1 RISER DIAGRAM - 120/240V-1PH-3W
SCALE: NOT TO SCALE



2 GROUNDING DETAILS
SCALE: NOT TO SCALE



NOTE:
1. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER MOUNTING INSTRUCTIONS.

3 EQUIPMENT MOUNTING DETAIL
SCALE: NOT TO SCALE

GENERAL NOTES

- REFER TO SCHEDULES FOR ADDITIONAL INFORMATION
- PROVIDE WARNING LABELS AND FIELD MARKINGS IN ACCORDANCE WITH NEC (2020).
- VOLTAGE DROP COMPLIED WITH F.B.C (FLORIDA BUILDING CODE) (2023) ENERGY CONSERVATION.
- CONDUCTORS AND CONDUITS SIZES SHALL BE ADJUSTED IF NECESSARY FOR A MAX 3% VOLTAGE DROP.

KEYNOTES

- EXISTING 50KVA, 240/120V, 1-PH PRIMARY TRANSFORMER BY TECO.
- 200 AMP SECONDARY SERVICE DOWN TECO'S POWER TO JUNCTION BOX
- NEMA 3R JUNCTION BOX PROVIDED BY CONTRACTOR SIZED PER NEC AND TECO'S REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE FINALE CONNECTION WITH TECO.
- PROVIDE A COMPACTED FILL FOR THE SECONDARY ELECTRICAL SERVICE FEEDERS.
- EQUIPMENT MOUNTING SUPPORT STRUCTURE. SEE EQUIPMENT MOUNTING DETAILS.
- UTILITY METER AND METER SOCKET ENCLOSURE. CONTRACTOR SHALL COORDINATE AND SUBMIT METER SOCKET ENCLOSURE TO TECO FOR REVIEW AND APPROVAL PRIOR TO PROCUREMENT. METER SHALL BE PROVIDED BY TECO.
- SERVICE ENTRANCE RATED PANELBOARD.
- SPD - PQ PROTECTION - PQM200-240/120 IN WEATHERPROOF ENCLOSURE.
- PROVIDE 1#2 AWG Cu GROUNDING ELECTRODE CONDUCTOR.
- (1) 2" UV RATED SCHEDULE 80 PVC CONDUIT FOR FUTURE IMPROVEMENTS TO NEMA 3R TRAFFIC RATED JUNCTION BOX.
- NEMA 3R TRAFFIC RATED JUNCTION BOX FOR PREFAB FUTURE IMPROVEMENTS.

GROUNDING DETAIL KEYNOTES

- GROUND BUS BAR LOCATED WITHIN SERVICE ENTRANCE MAIN, 0.25" X 2" X 10" WITH 16 HOLES MINIMUM FOR INTERNAL INSTALLATION.
- GROUNDING TRIAD, 3-3/4" X 10'-0" COPPERCLAD GROUND RODS DRIVEN INTO GROUND AT LEAST 1 ROD'S LENGTH APART. PROVIDE WITH INSPECTION TEST WELL.
- COPPER GROUNDING ELECTRODE CONDUCTOR SIZED PER NEC TABLE 250.66, MINIMUM SIZE #2.
- SERVICE ENTRANCE MAIN BONDING JUMPER SIZED PER NEC TABLE 250.66. NEUTRAL SHALL ONLY BE BONDED AT SERVICE ENTRANCE. ALL OTHER NEUTRALS SHALL BE CONSIDERED FLOATING.
- SERVICE ENTRANCE NEUTRAL CONDUCTOR.
- ALL EQUIPMENT ENCLOSURES AND METAL RACEWAYS SHALL BE GROUNDED WITH AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC TABLE 250.122.

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1	2026.03.20	BLD COMMENTS
REV	DATE	DESCRIPTION

Date: FEBRUARY 2, 2026

Job No.: 24540

Drawn By: SL

Checked By: SC

Sheet Title

ELECTRICAL
RISER DIAGRAM,
DETAILS,
SCHEDULES

Sheet No.

E600