GENERAL NOTES

1. THESE GENERAL ELECTRICAL NOTES SHALL APPLY TO ALL E SERIES DRAWINGS, IN COORDINATION WITH DIVISION 26, 27 & 28 SECTIONS, AND FRONT END (DIVISION 0 AND 1) REQUIREMENTS. ALL WORK ASSOCIATED WITH THE E SERIES DRAWINGS SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID CONFLICTS.

2. ALL WORK SHALL BE PERFORMED IN COOPERATION WITH THE OWNER AND THE ARCHITECT/ENGINEER. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CONSTRUCTION SCHEDULE ESTABLISHED BY THE OWNER, AND SHALL IMMEDIATELY REPORT ANY DELAYS IN MATERIALS RECEIPT INCLUDING CIRCUMSTANCES CAUSING DELAYS.
- COMMENCE WORK AFTER PRECONSTRUCTION MEETING AND PROCEED DILIGENTLY AND CONTINUOUSLY TO COMPLETION.
- PRIOR TO STARTING WORK, SUBMIT FOR OWNER'S APPROVAL, A DETAILED SCHEDULE INDICATING ALL WORK THAT MAY AFFECT THE BUILDING AND NEARBY BUILDINGS/STRUCTURES, SUCH AS UTILITY SHUT DOWNS, NOISE GENERATING EQUIPMENT, ETC.
- PERFORM WORK IN A MANNER WHICH MINIMIZES NOISE. OPERATIONS IN WHICH NOISE CANNOT BE MINIMIZED SHALL BE SCHEDULED WITH OWNER.

3. CONTRACT DRAWINGS FOR THE ELECTRICAL WORK ARE DIAGRAMMATIC. INTENDED TO CONVEY THE SCOPE OF WORK AND TO INDICATE THE GENERAL ARRANGEMENT AND APPROXIMATE LOCATION OF EQUIPMENT, PIPING, AND ACCESSORIES. THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND VERIFYING ALL CONDITIONS, DIMENSIONS, AND LOCATIONS PRIOR TO BIDDING PROJECT. CHECK PROJECT DRAWINGS PRIOR TO INSTALLATION FOR INTERFERENCES WITH OTHER TRADES. SHOULD THE CONTRACTOR FIND SUCH INTERFERENCES, THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHERS. THE OWNER RESERVES THE RIGHT TO MAKE REASONABLE CHANGES PRIOR TO ROUGH-IN WITHOUT ADDED EXPENSE. DIMENSIONS INDICATED ARE SUBJECT TO VERIFICATION OF EXACT SITE CONDITIONS AT THE TIME OF INSTALLATION.
- THE CONTRACTOR SHALL INSTALL ALL CONDUIT, WIRE, EQUIPMENT, LIGHT FIXTURES, ETC. IN A WORKMAN LIKE MANNER WITH QUALIFIED ELECTRICIANS.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE OWNER. IN THE EVENT OF A DISCREPANCY, THE DRAWINGS WILL GOVERN OVER THE SPECIFICATIONS.

4. ALL ELECTRICAL WORK SHALL BE INSTALLED TO MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, FLORIDA BUILDING CODE, ENERGY CONSERVATION CODE, AND INTERNATIONAL FIRE CODE. ALL WORK SHALL COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS AND OTHER AUTHORITIES HAVING JURISDICTION.

5. CONTRACTOR IS RESPONSIBLE FOR PAYING FOR ALL FEES ASSOCIATED WITH OBTAINING INSPECTIONS AND A BUILDING PERMIT.

6. THE ELECTRICAL CONTRACTOR SHALL BE LICENSED IN THE LOCAL JURISDICTION PRIOR TO BIDDING ON PROJECT. CONTRACTOR TO CONTACT CITY/TOWNSHIP TO VERIFY LICENSE TO ENSURE THEY ARE CURRENT.

7. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. ANY CONFLICTS WITH INSTALLATION AND MANUFACTURER RECOMMENDATIONS SHALL BE REPORTED TO ENGINEER.

8. CUTTING AND PATCHING - ALL NOTES BELOW HOLD THE COMMON CONDITION "UNLESS OTHERWISE NOTED".
- ***NEW CONSTRUCTION:*** ALL CUTTING AND PATCHING THROUGH ALL WALL, CEILING, ETC. SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR IN COORDINATION WITH HIS WORK. ALL PAINTING AND FINISHING SHALL BE DONE BY GENERAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH GENERAL CONTRACTOR.
- ***OPENINGS MADE POST-FINISH:*** IF AN OPENING IS REQUIRED IN A FINISHED SURFACE, AFTER COMPLETION, DUE TO LACK OF COORDINATION OR PROPER SCHEDULE MAINTENANCE, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CUTTING AND PATCHING REQUIRED TO FINISH SPECIFIC ELECTRICAL WORK AND RESTORE THE FINISHED SURFACE TO PREVIOUS CONDITION.

9. PROVIDE (FURNISH AND INSTALL) ALL NEW EQUIPMENT AND MATERIALS AS DESCRIBED HEREIN. ANY MATERIAL, OPERATION, METHOD, OR DEVICE MENTIONED, LISTED OR NOTED WITHIN THIS SPECIFICATION SHALL BE FURNISHED BY THIS CONTRACTOR UNLESS SPECIFICALLY MENTIONED AS BEING FURNISHED OR INSTALLED BY OTHERS.
- ALL MATERIALS SHALL BE AS SPECIFIED, OR EQUAL, AS APPROVED BY OWNER. MATERIALS SPECIFIED INDICATE QUALITY INTENT THAT WILL BE USED AS A BASIS FOR REVIEW OF SUBSTITUTES. SEE GENERAL CONDITIONS FOR SUBSTITUTION PROCEDURES. CARE SHALL BE TAKEN TO PROVIDE EQUIPMENT/COMPONENTS APPROPRIATE FOR THE ENVIRONMENTAL CONDITIONS PRESENT AT THE INSTALLED LOCATION (OUTDOOR INSTALLATION/SALT WATER/CORROSIVE ENVIRONMENT).
- MATERIALS SHALL BE STORED AT A LOCATION DETERMINED BY THE OWNER.
- DELIVERY OF MATERIALS SHALL BE AS DIRECTED BY THE OWNER.

10. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE COMPLETE AND OPERABLE SYSTEMS, INCLUDING OPERATIONAL PROPERTIES TO THE EXTEND NECESSARY TO LINK MULTIPLE COMPONENTS OF THE SYSTEMS TOGETHER AND TO INTERFACE WITH SYSTEMS PROVIDED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL SYSTEMS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL PROVIDE OWNER WITH ALL NECESSARY OPERATION AND MAINTENANCE MANUALS, SHOP DRAWINGS, WIRING DIAGRAMS, AND WARRANTY PAPERWORK UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL REPAIR, ADJUST, OR REPLACE ANY EQUIPMENT, MATERIAL, OR WORKMANSHIP FOUND TO BE DEFECTIVE.

11. THE ELECTRICAL CONTRACTOR SHALL HOLD THE OWNER, ARCHITECT, AND ENGINEER HARMLESS AGAINST ANY AND ALL CLAIMS ARISING FROM WORK PERFORMED BY THIS CONTRACTOR ON THE SITE.

12. DISCONNECTION OF SERVICES SHALL BE PERFORMED AT A TIME AUTHORIZED BY THE OWNER. TEMPORARY UTILITIES, IF NEEDED, WILL BE COORDINATED WITH THE OWNER.

13. CONTRACTOR SHALL PROVIDE PROTECTION OF ADJACENT PROPERTY INCLUDE ALL EXISTING SITE AND LANDSCAPE ELEMENTS. FURTHERMORE, EVERY EFFORT SHALL BE MADE TO PROTECT BUILDING COMPONENTS DURING CONSTRUCTION. A PROTECTION PROPOSAL MUST BE SUBMITTED TO THE OWNER FOR REVIEW.

14. CONTRACTOR SHALL KEEP SITE FREE OF DEBRIS AND ACCUMULATED REFUSE. SITE SHALL BE BROOM SWEPT AT THE END OF EACH WORKING DAY.

15. ALL PENETRATIONS MADE IN EXISTING FIRE RATED WALLS, FLOORS, OR CEILINGS SHALL BE SEALED TO MAINTAIN THE FIRE RATING.

16. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR THE INSTALLATION OF THE NEW UTILITY POLES AND THE RELOCATION OF THE EXISTING OVERHEAD UTILITY SERVICES. THESE SERVICES INCLUDE ELECTRICAL POWER, TELEPHONE, AND AVIATION SERVICES ASSOCIATED WITH THE AIRPORT. SCHEDULING OF DOWNTIME IS CRITICAL AND A COORDINATION MEETING SHALL BE HELD WELL IN ADVANCE OF ANY WORK TO ENSURE ALL PARTIES ARE AWARE OF THE IMPACTS OF THE CONSTRUCTION/RELOCATION OF THE EXISTING SERVICES. REMOVAL/RELOCATION WORK BY THE APPROPRIATE UTILITY COMPANIES MAY HAVE TO COMPLETED DURING SLOW OPERATION TIMES OR DURING OFF HOURS. CONTACT CUSTOMER PROGRAMS AT KEYS ENERGY UTILITY (305-295-1080). CONTACT FOR AT&T IS JOSE LOPEZ (305-295-0061). CONTRACTOR WILL NOT BE PAID EXTRA FOR NON-COORDINATION. OVERHEAD UTILITY REMOVAL/RELOCATION WORK WILL BE ACCOMPLISHED BY THE UTILITY COMPANIES.

APPLICABLE CODES

THE FOLLOWING ARE THE CURRENTLY ADOPTED CODES AT THE TIME THESE CONTRACT DOCUMENTS WERE PREPARED:

BUILDING CODE	THE 2015 INTERNATIONAL BUILDING CODE (IBC) AND THE 2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
ELECTRICAL CODE	2014 EDITION OF NFPA 70, NATIONAL ELECTRICAL CODE
ENERGY CODE	2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) AS AMENDED BY THE UNIFORM CODE

LEGEND

GFCI	DUPLEX RECEPTACLE - WEATHERPROOF, GFI PROVIDE WEATHERPROOF WHILE-IN-USE COVER
	208V, 1-PHASE SPECIAL PURPOSE OUTLET
F#	LIGHT FIXTURE, REFER TO FIXTURE SCHEDULE

LIGHT FIXTURE SCHEDULE

Type Mark	Description	Manufacturer	Model	Lamp	Voltage	Mounting	Comments
F1	8' Surface Mounted Strip LED Square Lens	Cooper Lighting - Metalux	6TSNLED-LD5-77SL-SLW-UNV-EL7W-L840-CD1	LED	UNV	Surface	Surface mounted to ceiling with recessed box. Feed at 277V.
F2	Low Bay, LED Parking Garage /Canopy Fixture	Cooper Lighting - Lumark	RPGC25S	LED	UNV	Surface	Mount to surface mounted box. Controlled with existing parking garage lighting. Feed at 277V.
F3	Pole mounted Area Light - LED	Kim Lighting - WARP9	1SA-WP9L4P35-120L4K480-TT-SF-VSF-1SA POLE: TR34-25-AB-GRY-TXT-FLD	LED	480	Pole	Pole height shall match existing. Controlled with existing upper level parking garage fixtures. Feed at 480V.
F4	Surface wall Sconce - linear white acrylic diffuser	Teron Lighting - Zenith LG LED	ZENL-L48.3-ZE1200-120-277	LED	UNV	Surface	Verify mounting height in field with Owner/Facility personnel. Controlled with existing wall sconces. Feed at 277V.

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PROJECT MILESTONE

BID PLANS

NO.	DATE	DESCRIPTION

CLIENT: KEY WEST INTERNATIONAL AIRPORT

KEY WEST, FL

PROJECT: MAINTENANCE STORAGE FACILITY

DRAWN	WEF
DESIGNED	WEF
CHECKED	BFD/CMH
SCALE	N.T.S
DATE	MARCH 4, 2020
PROJECT	18221.05

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWING TITLE

NOTES, LEGEND & LIGHT FIXTURE SCHEDULE

DRAWING NUMBER

E-000

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