COMPONENTS OF CONTRACT PLANS SET

CIVIL & LANDSCAPE PLANS
ARCHITECTURAL BUILDING PLANS
STRUCTURAL BUILDING PLANS
MECHANICAL PLANS
ELECTRICAL/LIGHTING PLANS
PLUMBING PLANS
SIGNAGE & PAVEMENT PLANS

SEE SHEET AG-101 FOR FULL DRAWING INDEX

GOVERNING STANDARDS AND SPECIFICATIONS: Florida Department of Transportation, 2015 Design Standards and revised Index Drawings as appended herein, and July 2015 Standard Specifications for Road and Bridge Construction, as amended by Contract

For Design Standards click on the "Design Standards" link at the following web site: http://www.dot.state.fl.us/rddesign/

REVISIONS:

Documents.

Drawing Sheets: AS-503, AA-601, AA-701, AA-705, AE-100, AE-101, AE-200, AE-201, AE-204, AE-501 (Revised 8-3-2015)

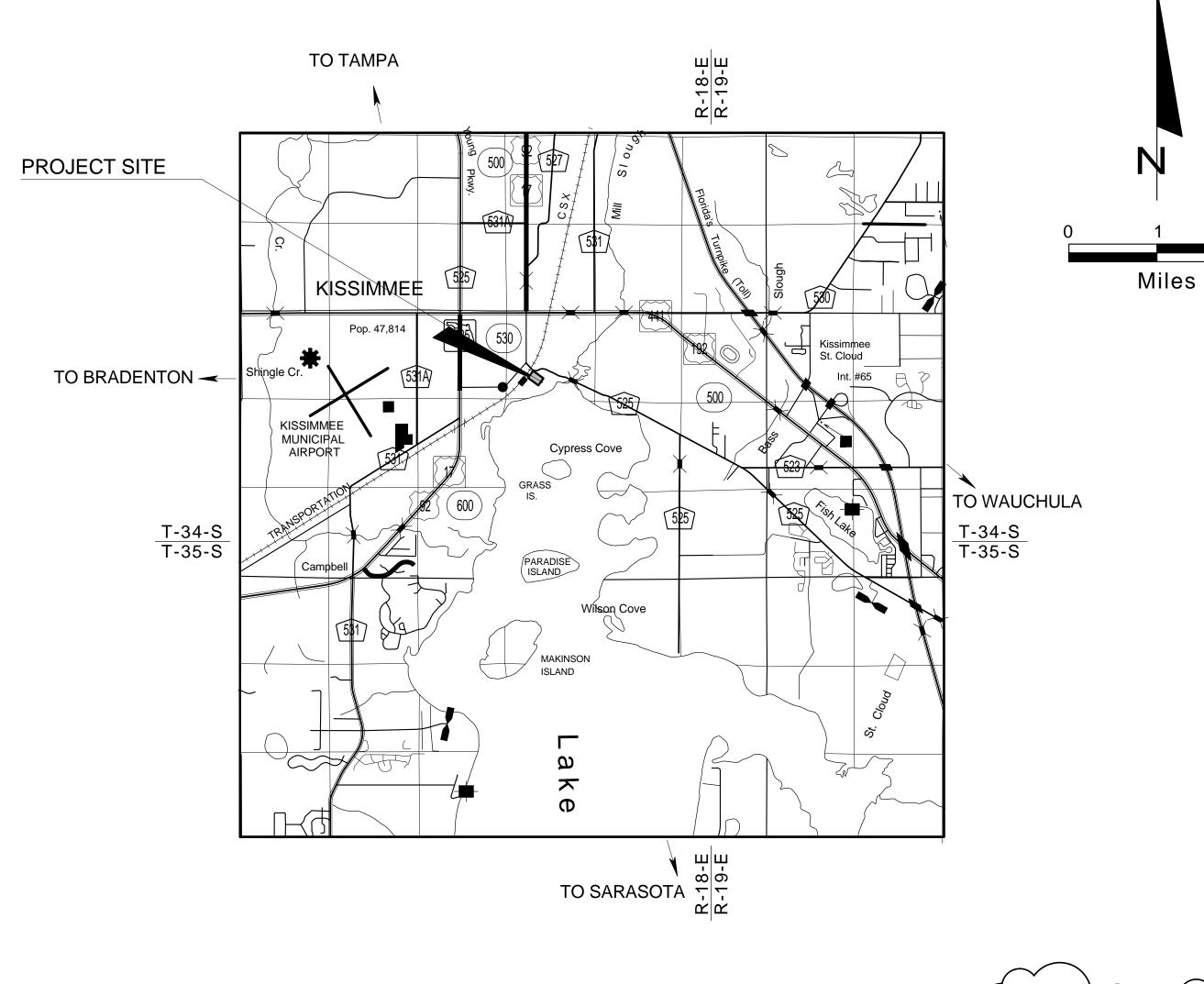
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 433874-1-52-01

OSCEOLA COUNTY (92)

MULTI-MODAL TRANSPORTATION FACILITY (PARKING GARAGE)



JACKSONVILLE FORT WALTON BEACH PENSACOLA PANAMA CITY ST AUGUSTINE GAMESVILLE DAYTONA BEACH DELAND BEE LINE MELBOURNE COCOA **NEW PORT RICHEY** ST PETERSBURG FT PIERCE SARASOTA -\
BRADENTON WEST PALM BEACH **NAPLES** FT LAUDERDALE LOCATION OF PROJECT KEY WEST BUILDING SHOP DRAWINGS

CONSTRUCTION CONTRACT NO.

PLANS PREPARED BY:

JACKSONVILLE, FL 32216

TO BE SUBMITTED TO:

TRANSYSTEMS

TRANSYSTEMS 4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216

4500 SALISBURY ROAD, SUITE 440

CERTIFICATE OF AUTHORIZATION No: 7503 ARCHITECT BUSINESS No: AA3384

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

NOTE: THE CONTRACTOR SHOULD NOT ENCROACH WITHIN THE RAILROAD R/W DURING ANY CONSTRUCTION OPERATIONS. IF ENCROACHMENT OR THE POTENTIAL TO FOUL THE TRACKS IS UNAVOIDABLE, THE CONTRACTOR SHALL COORDINATE WITH THE CFRC OR THE SUNRAIL CONTRACTORS. THE CONTRACTOR MUST ADHERE TO ALL RAILROAD SAFETY PROCEDURES WHEN ENCROACHING WITHIN THE RAILROAD R/W OR HAVING THE POTENTIAL TO FOUL THE TRACKS.

KEY SHEET REVISIONS

DATE

DESCRIPTION

8-3-2015

Added list of Revised Drawings for Addendum No. 1.

ARCH. F

BUILDING PLANS
ARCHITECT OF RECORD:

RECORD: TODD ERIC DUNAVANT, AIA

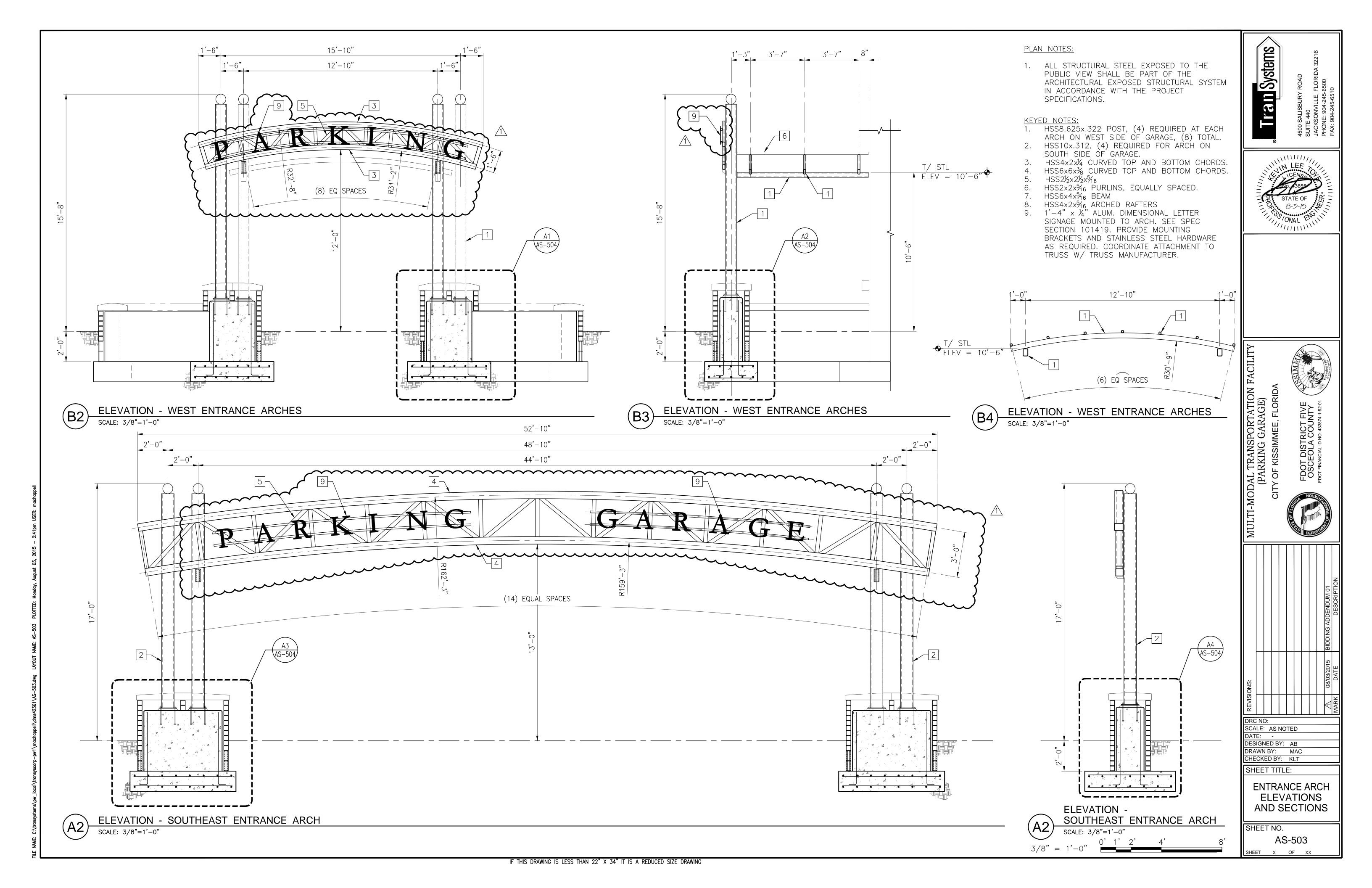
ARCH. REG. NO.: <u>16238</u>

FISCAL SHEET NO.

16 AG-001

FDOT PROJECT MANAGER:

KEVIN MOSS



							DOC	R SCH	EDULE				
DOOR		DOOR	DOOF	R SIZE	DOOR	DOOR	FRAME		DETAILS			HARDWARE	
NUMBER	PAIR	ELEVATION	WIDTH	HEIGHT	MATERIAL	MATERIAL	ELEVATION	HEAD	JAMB	THRESHOLD	FIRE RATING	SETS	REMARKS
101		А	3'-8"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602	-	H1	
101A		NOTE	15'-6"	10'-0"	STL.	STL.	-	9/AA-602	8/AA-602	7/AA-602	-	-	NOTE 3
101B		NOTE	15'-6"	10'-0"	STL.	STL.	-	9/AA-602	8/AA-602	7/AA-602	-	-	NOTE 3
102	PR.	А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	С	H2	FIRE RATED
103A		А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	-	Н3	INSULATED
103B		А	4'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	С	H2A	FIRE RATED, INSULATED
104		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	Н3	INSULATED
105		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	H3	
106		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	H3	
107		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	НЗА	
202		А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	-	Н3	
203		А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	-	Н3	
204		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	Н3	
205		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-603	1/AA-602		Н3	
302		А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	-	Н3	
303		А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	-	Н3	
304		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	Н3	
305		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-603	2/AA-602	1/AA-602		H3A	
402		А	3'-0"	7'-0"	H.M.	H.M.	F2	6/AA-602	5/AA-602	4/AA-602	-	Н3	
403		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.	-	Н3	
404		А	3'-0"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602 SIM.		НЗА	
S1		А	3'-8"	7'-0"	H.M.	H.M.	F1	3/AA-602	2/AA-602	1/AA-602	-	H1	
S2	PR.	В	3'-0"	7'-0"	ALUM.	ALUM.	-	3/AA-603	2/AA-603	1/AA-603	-	H4	NOTE 2
S3	PR.	В	3'-0"	7'-0"	ALUM.	ALUM.	-	3/AA-603	2/AA-603	1/AA-603	-	H4	NOTE 2

DOOR AND FRAME NOTES:

1. ALL DOOR SHALL BE 1 3/4" THICK UNLESS NOTED OTHERWISE.

2. ALUMINUM DOORS TO HAVE 4" MINIMUM NOMINAL FRAME THICKNESS. DOORS TO HAVE MINIMUM 10" BOTTOM RAIL. HARDWARE TO BE PROVIDED BY ALUMINUM STOREFRONT MANUFACTURER.

> TEMPERED GLAZING

TOP OF SLAB

<u>B</u>

ALUMINUM

FULL GLASS

MEDIUM OR WIDE STYLE

3. OVERHEAD COILING GRILLE.

SEE SCHEDULE

<u>A</u>

FLUSH

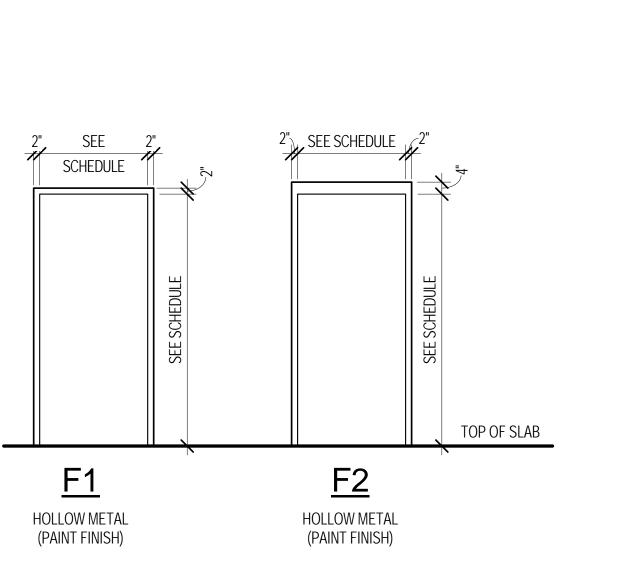
DOOR ELEVATIONS

3/8" = 1'-0"

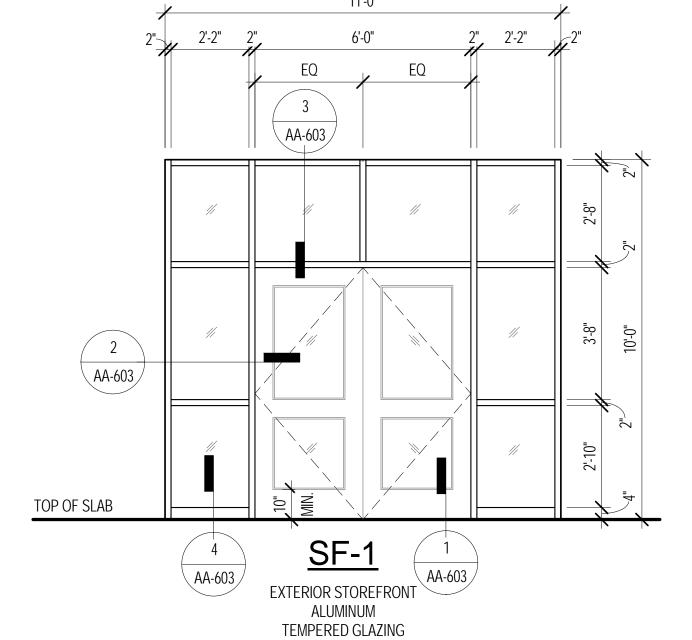
<u>LEGEND:</u>

ALUMINUM ALUM. **HOLLOW METAL** STL. STEEL (GALVANIZED)

PAINT FINISH SCHEDULE NOTE 1: In addition to the areas and items indicated to receive paint finish within the notes, drawings and specifications, provide paint finish at the locations listed below. NOTE 2: The following locations do NOT require paint finish: Precast Lite wall (except as noted below), precast stairs, cast stone caps at planters and arched entry signage, underside of double tees, interior face of precast wall panels (except as noted below.) LOCATION REMARKS Exterior face of precast panels. Includes all non-brick portions of all exterior precast panels. Also includes cornice, medallions & decorative frame features around medallions. Jamb, Head and Sill of window Provide accent color at reveal edge of window openings. openings in the precast panels. Jamb and Head of Door Openings Parapet: Top and backside (facing the Including Lite Wall. parking areas) of parapet at Level 4 Exposed precast at Level 4. Exterior precast headers, sills, reveals, joints and trim. Non-brick portions of exterior pilasters and pilaster caps. Outward facing walls surrounding the Include full wall at elevator lobbies. elevator shaft on all levels. All exposed sides, including head and jamb at openings. Concrete Masonry Unit walls and partitions. All exposed steel. Hollow metal doors and frames.







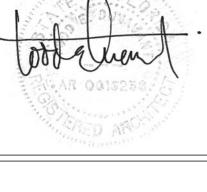
STOREFRONT ELEVATION 3/8" = 1'-0"

 $ig(oldsymbol{3} ig)$

GRAPHIC SCALE:



Tran Systems



MODAL TRANSPORTATION FACILITY (PARKING GARAGE) OF KISSIMMEE, FLORIDA



DRC NO: SCALE: AS SHOWN DATE: MAY 15, 2015 DESIGNED BY: TED

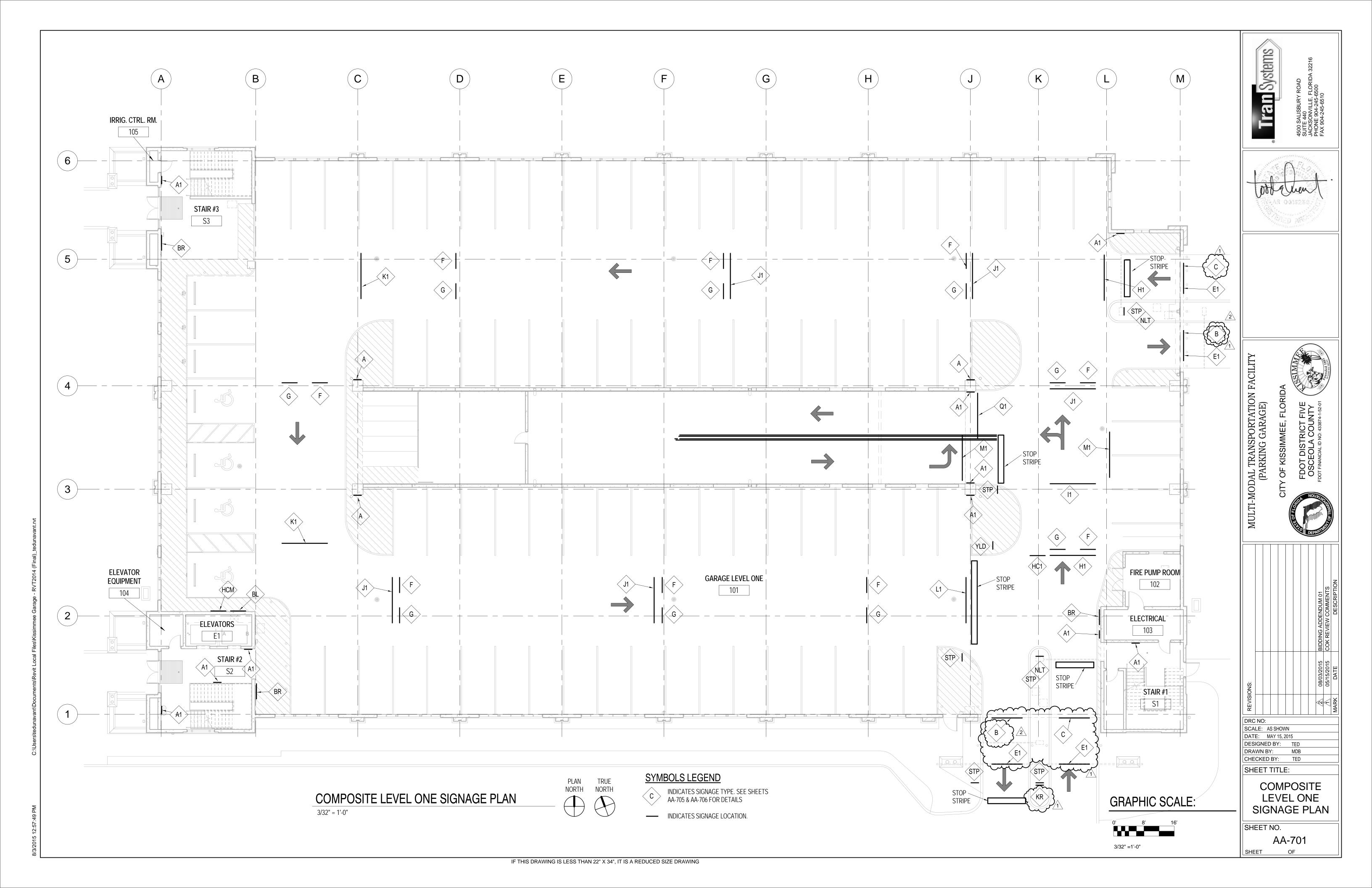
DRAWN BY: CHECKED BY: TED

SHEET TITLE:

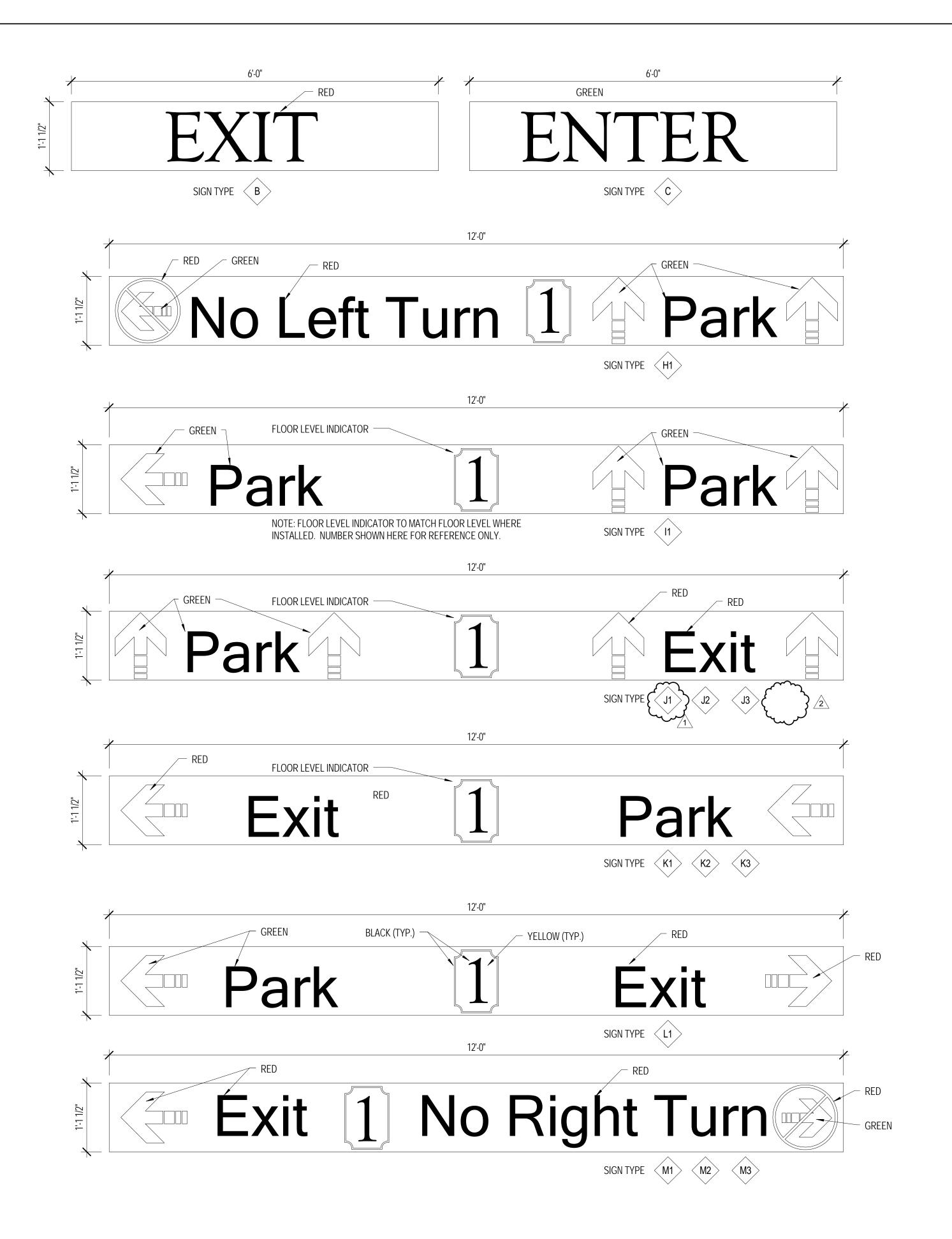
DOOR SCHEDULE & ELEVATIONS

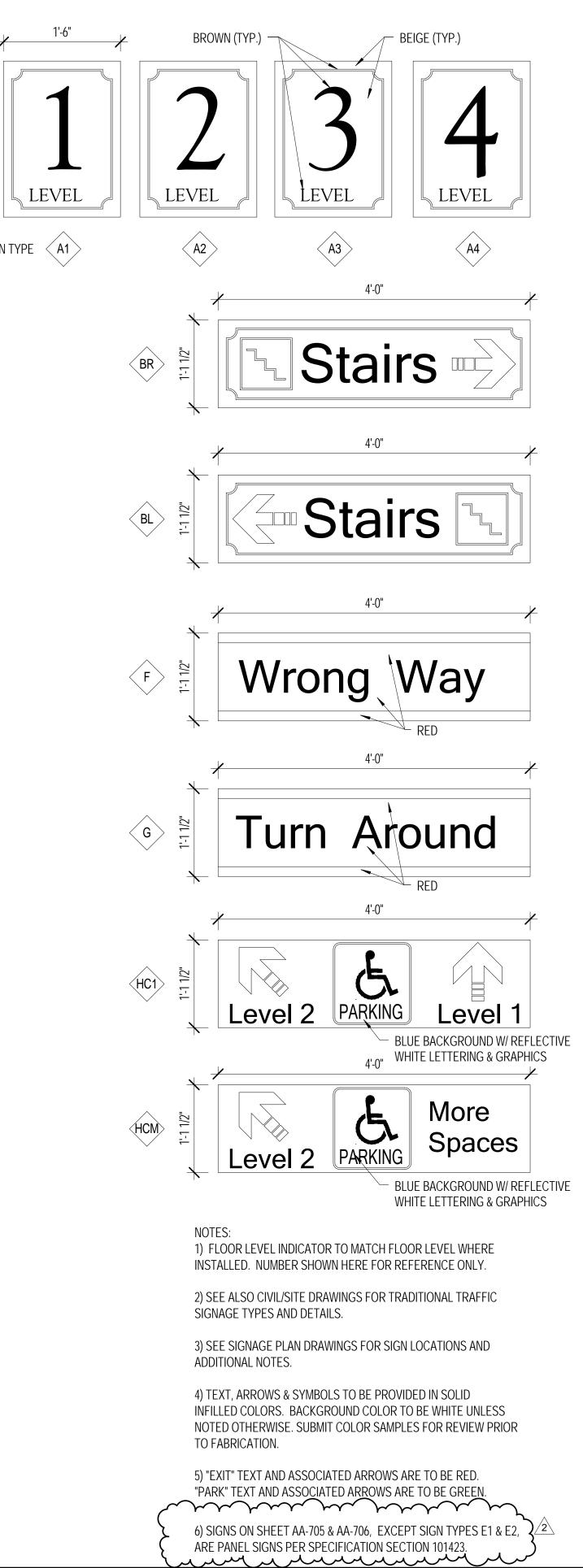
SHEET NO.

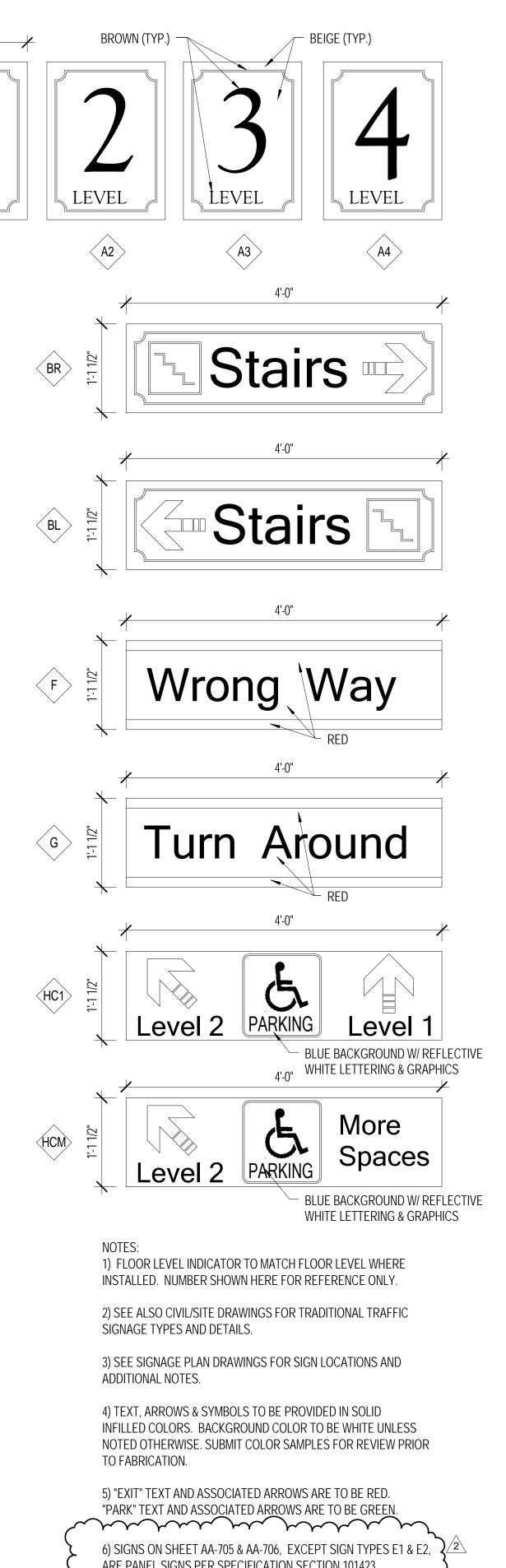
AA-601 SHEET















-MODAL TRANSPORTATION FACILITY (PARKING GARAGE)



SIGNAGE

DRC NO: SCALE: AS SHOWN

DATE: MAY 15, 2015 DESIGNED BY: TED DRAWN BY: CHECKED BY: TED

SHEET TITLE:

DETAILS

SHEET NO.

AA-705

SHEET

Train Systems

4500 SALISBURY ROAD SUITE 440 JACKSONVILLE, FLORII PHONE: 904-245-6500 FAX: 904-245-6510

No.52772

STATE OF

CORIDA

CONSTITUTION

STATE OF

CONTRACT

CONT

ENGINEERING

S25 Semoran Blvd | Suite 100 |
Winter Park, Fl 32792
407.678.2055
Certificate of Authorization #26271
Precise Solutions with Prompt Besonse

OAL TRANSPORTATION FACILITY (PARKING GARAGE)

Y OF KISSIMMEE, FLORIDA

FDOT DISTRICT FIVE (SIMME)

DRC NO:
SCALE: AS NOTED
DATE: MAY 15, 2015
DESIGNED BY: MKS,PK,DL
DRAWN BY: PK,DL,SE

CHECKED BY: MKS

SHEET TITLE:

ELECTRICAL GENERAL INFORMATION

SHEET NO.

AE-100 Sheet x of xx

GENERAL ELECTRICAL NOTES

- 1. THE ELECTRICAL WORK IS SUBJECT TO ALL OF THE PURCHASER'S TERMS. CONDITIONS AND SPECIFICATIONS, INCLUDING WORKMANSHIP.
- 2. GENERAL WORK PRACTICES FOR ELECTRICAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NECA 1 "STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION" (ANSI).
- 3. IT IS THE INTENT OF THESE ELECTRICAL DRAWING SHEETS TO CALL FOR FINISHED WORK; TESTED, AND READY FOR OPERATION. FOR THE ELECTRICAL WORK, "PROVIDE" IS AN ALL-INCLUSIVE TERM REQUIRING CONTRACTOR TO PROCURE, FABRICATE, FURNISH, INSTALL, MOUNT, WIRE, CONNECT AND SUPPLY ALL MATERIAL AND LABOR NECESSARY TO COMPLETE THE WORK TO THE ACCEPTANCE OF THE OWNER AND THE AUTHORITY HAVING JURISDICTION (AHJ).
- 4. ALL MATERIAL PROVIDED BY THE CONTRACTOR SHALL BE NEW AND FREE OF DEFECTS, LISTED/LABELED FOR THE INTENDED PURPOSE BY UNDERWRITERS LABORATORY (UL) OR OTHER ORGANIZATION THAT IS ACCEPTABLE TO THE AHJ,
- 5. ALL MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL INSPECT SITE FOR FIELD VERIFICATION OF ALL ASPECTS OF THE WORK PRIOR TO BIDDING.
- 7. ALL DISCREPANCIES ON DRAWING SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO SUBMISSION OF BIDS. CONTRACTORS SUBMISSION OF A BID CONSTITUTES ACCEPTANCE OF ALL CONDITIONS INCLUDING FIELD CONDITIONS.
- 8. THE CONTRACTOR SHALL OBTAIN AND FURNISH ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS. THE CONTRACTORS BID SHALL INCLUDE COST OF ALL REQUIRED PERMITS AND FEES, INCLUDING UTILITY FEES.
- 9. THE ELECTRICAL SHEETS ARE DIAGRAMMATICAL IN NATURE AND INDICATE THE GENERAL LOCATION OF OUTLETS, EQUIPMENT, AND THE CIRCUIT ARRANGEMENT OF THE REQUIRED WIRING. ALTHOUGH THE DRAWINGS DO NOT NECESSARILY INDICATE THE ACTUAL ROUTES OF CONDUITS, WHERE INDICATED, THEY SHALL BE FOLLOWED AS CLOSELY AS PROPER COORDINATION WITH THE WORK OF OTHER TRADES AND SPACE WILL PERMIT. WHERE CONDUIT RUNS ARE NOT SHOWN ON THE DRAWINGS, COORDINATE CONDUIT RUNS WITH THE WORK OF OTHER TRADES AND STRUCTURE. SIMPLIFY INSTALLATION WHEREVER POSSIBLE, BUT SUBJECT TO APPROVAL BY THE ARCHITECT FOR VISUAL AND STRUCTURAL REASONS. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, BENDS, PULL BOXES, AND OBSTRUCTIONS. THE DRAWINGS ARE NOT INTENDED TO BE SCALED, REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS. IN CASE OF DISCREPANCY BETWEEN ELECTRICAL AND ARCHITECT SHEET SET FOR MOUNTING ELEVATIONS OR REFLECTED CEILINGS, FOLLOW ARCHITECT SHEETS.
- 10. MAINTAIN ON THE JOB SITE, IN GOOD CONDITION, ONE SET OF UP-TO-DATE ELECTRICAL DRAWINGS. PROGRESSIVELY, NEATLY, LEGIBLY, AND EXACTLY RECORD ON THESE DRAWINGS THE LOCATION OF ALL CONCEALED CONDUIT RUNS AND ALL WORK WHICH IS INSTALLED DIFFERENTLY THAN IN THE LOCATION AND MANNER INDICATED ON THE DRAWINGS. ON COMPLETION OF THE WORK, THE DRAWINGS SHALL BE TURNED OVER TO THE ARCHITECT FOR APPROVAL AND POSSESSION AS A PERMANENT AND COMPLETE RECORD DOCUMENT OF THE ELECTRICAL WORK.
- 11. WHEN FOLLOWED BY THE PHRASE "OR EQUAL", SPECIFIC MANUFACTURERS PRODUCTS ARE USED AS AS A BASIS OF DESIGN. ALTERNATE PRODUCT MAY BE PROVIDED IF APPROVED "AS EQUAL" BY THE ENGINEER OF RECORD AND THE AHJ.
- 12. FOR ALL ELECTRICAL & COMMUNICATIONS DEVICES AND CIRCUITS, CONTRACTOR SHALL FIELD VERIFY WITH OWNER AND COORDINATE WITH ALL OTHER TRADES FINAL LOCATION(S) PRIOR TO ROUGH IN.
- 13. PRIOR TO FINAL ACCEPTANCE, CLEAN ALL SWITCHES, CABINETS, DEVICE PLATES, FIXTURES, AND OTHER ITEMS FURNISHED UNDER THIS CONTRACT, AND ENSURE THAT ALL PANEL BOARD DIRECTORIES ARE IN PLACE AND COMPLETED OR REVISED AS REQUIRED BY THE WORK, AND THAT ALL MARKING AND IDENTIFICATION OF ALL EQUIPMENT, JUNCTION BOXES, AND OTHER ITEMS IS COMPLETED. REPAIR OR REPLACE, AS DIRECTED BY THE OWNER, ANY ITEMS DAMAGED DUE TO INSTALLATION OR RELOCATION OF EQUIPMENT OR DEVICES AT NO ADDITIONAL COST TO THE OWNER.
- 14. UPON THE COMPLETION OF THE WORK, THE ENTIRE ELECTRICAL SYSTEM SHALL BE TESTED AND SHALL BE SHOWN TO BE IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE INTENT OF THE SPECIFICATIONS AND DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL SYSTEMS READY FOR OPERATION AND TO HAVE AN ELECTRICIAN AVAILABLE TO OPERATE SAME IN ACCORDANCE WITH OR UNDER THE SUPERVISION OF THE ARCHITECT/ENGINEER AND OR AHJ. THE CONTRACTOR SHALL BE AVAILABLE TO ASSIST IN REMOVAL OF PANEL FRONTS. ETC. TO PERMIT INSPECTION AS REQUIRED.
- 15. ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, NATIONAL ELECTRIC CODE (NFPA 70), LOCAL ORDINANCES AND THE AUTHORITY HAVING JURISDICTION.
- 16. FLEXIBLE CONDUIT INSTALLED OUT OF DOORS, IN ANY MECHANICAL EQUIPMENT ROOM, OR IN NORMALLY WET AREAS SHALL BE LIQUID TIGHT FLEX WITH SUITABLE
- 17. COORDINATE WITH ALL MECHANICAL TRADES FOR SPACE REQUIREMENTS IN MECHANICAL ROOMS, CORRIDORS, SHAFTS, ABOVE CEILING, ETC. THIS INCLUDES SPACE ABOVE PANELS WHERE DUCTS AND PIPING ARE PROHIBITED.
- 18. FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT, SEE MECHANICAL PLANS.
- 19. PROVIDE CONDUIT EXPANSION FITTINGS WITH BONDING JUMPERS FAR ALL CONDUITS PASSING THROUGH EXPANSION JOINTS.
- 20. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED EQUIPMENT.

SUBMITTAL/ SHOP DRAWING DATA

PROVIDE 6-SETS (EACH) OF MANUFACTURER'S DATA, O&M MANUALS, ELECTRICAL DATA, DIMENSIONAL DATA AND CLEARANCES, CONNECTION DATA, COLOR SAMPLES (IF REQUIRED), AND TEST DATA FOR THE FOLLOWING:

LIGHTING FIXTURES, PANELS, SWITCHBOARDS, TRANSFORMERS, GENERATORS, UPS,

SHOP DRAWINGS MUST BE SUBMITTED AND APPROVED PRIOR TO ORDERING OF EQUIPMENT. ENGINEER WILL REQUIRE 7 WORKING DAYS TO REVIEW DRAWINGS. ANY ITEM FURNISHED AND/OR INSTALLED WITHOUT THE BENEFIT OF REVIEW AND ACCEPTANCE FOUND TO BE DEFICIENT SHALL BE SUBJECT TO REPLACEMENT AT THE DIRECTION OF THE ENGINEER AND AT THE CONTRACTOR'S SOLE EXPENSE. ENGINEER WILL REQUIRE DETAILED, COMPLETED SUBMITTALS. IF ENGINEER IS REQUIRED TO REVIEW SUBMITTAL DATA MORE THAN TWICE, THAN THE CONTRACTOR WILL BE CHARGED \$125 PER HOUR FOR ADDITIONAL ENGINEERING TIME TO RELEASE SUBMITTALS.

LIGHT FIXTURE SCHEDULE										
SYMBOL:	LABEL: BASIS OF DESIGN (MANUFACTURER & MODEL NO): GENERAL DESCRIPTION									
			DESCRIPTION	WATTAGE						
	В	MANUFACTURER : LITHONIA LIGHTING DSXPG LED 30C 1000 40K T5M MVOLT PM18 DDBXD	LED PARKING GARAGE FIXTURE, BRONZE COLOR, STEM MOUNTED TO MATCH BOTTOM OF STRUCTURE. PROVIDE EACH FIXTURE WITH SENSOR SWITCH SBOR OCCUPANCY/ PHOTOCELL CONTROL TO AUTOMATICALLY DIM FIXTURE WHEN NOT REQUIRED.	107 W						
0	С	MANUFACTURER: LITHONIA LIGHTING WL4 41L MVOLT D43 LP850 NX NES7ADCX DIM10 (STAIRWELLS) WL4 41L MVOLT D43 LP850 NX NES7 (MECH/ELEC RMS)	WALL OR CEILING MOUNT LED SURFACE MOUNT FIXTURE. PROVIDE EACH FIXTURE WITH SENSOR AS NOTED IN MODEL NUMBER.	72 W						
—	SLA	MANUFACTURER : AMERLUX D135/AR20 PC-CL/150 MH/120V/BLK/L3 CFIN	POLE MOUNTED ACORN MH FIXTURE TO MEET CITY OF KISSIMMEE CRA STANDARDS. PROVIDE ARCHITECTURAL BASE MOUNTED POLE AND FOUNDATION PER WIND LOADING REQUIREMENTS OF MANUFACTURER. USE 16' TALL CAST ALUMINUM POLE BY MANUFACTURER.	170 W						
—	SLB	MANUFACTURER : LITHONIA LIGHTING DSXO LED 40 C 700 50K T2M MVOLT	WALL MOUNTED LED AREA FIXTURE (PROVIDE WALL BRACKET)	91 W						
I	SLC	MANUFACTURER : LITHONIA LIGHTING OLAW23	WALL MOUNTED LED AREA FIXTURE (PROVIDE WALL BRACKET)	35 W						

^^^^^

- 1. CONTRACTOR SHALL PROVIDE SUBMITTAL OF ALL FIXTURES TO OWNER AND ARCHITECT. SUBMITTAL SHALL BE APPROVED BY OWNER, ARCHITECT AND ENGINEER PRIOR TO ORDERING ANY FIXTURES. IT IS THE RESPONSIBILITY OF THE LIGHTING VENDOR TO ENSURE OWNER & ARCHITECT HAVE SIGNED OFF ON SUBMITTALS. MILAN ENGINEERING WILL NOT BE RESPONSIBLE FOR DESIGN INTENT OF FIXTURES NOT MEETING OWNER'S OR ARCHITECT'S EXPECTATIONS.
- 2. ANY SUBSTITUTION OF FIXTURES WILL REQUIRE A FULL PHOTOMETRIC ANALYSIS TO BE PROVIDED FOR ALL SUBSTITUTED AREAS. LIGHTING VENDOR/DISTRIBUTOR WILL BE RESPONSIBLE FOR GATHERING AND EVALUATING DATA TO MATCH INTENDED FIXTURE PHOTOMETRIC RESULTS. SUBSTITUTED FIXTURES WILL NOT BE APPROVED WITHOUT PHOTOMETRIC PROVIDED WITH SUBMITTAL.

MANUFACTURER: KENALL

3. SUBSTITUTION OF LIGHT FIXTURES SHALL BE PRESENTED FIFTEEN DAYS PRIOR TO BID. ANY ADDITIONAL ENGINEERING COST FOR RE-WORK OR EXTRA SUBMITTAL EVALUATION FOR SUBSTITUTIONS SHALL BE PAID FOR BY GENERAL CONTRACTOR

NOTE: PROVIDE QUICK DISCONNECT FOR BALLAST PER NEC 2008 410.73(G).

Number	Sheet Name	100%
AE-100	ELECTRICAL GENERAL INFORMATION	
AE-101	ELECTRICAL GENERAL NOTES AND SHEET INDEX	
AE-200	ELECTRICAL SITE PLAN	
AE-201	LEVEL ONE OVERALL ELECTRICAL PLAN	
AE-202	LEVEL TWO OVERALL ELECTRICAL PLAN	
AE-203	LEVEL THREE OVERALL ELECTRICAL PLAN	
AE-204	LEVEL FOUR OVERALL ELECTRICAL PLAN	
AE-205	ROOF OVERALL ELECTRICAL PLAN	
AE-301	ELECTRICAL ENLARGED PLANS	
AE-302	ELECTRICAL ENLARGED PLANS	
AE-303	ELECTRICAL ENLARGED PLANS	
AE-304	ELECTRICAL ENLARGED PLANS	
AE-400	SITE PHOTOMETRIC PLAN	
AE-401	INTERIOR NORMAL/EM PHOTOMETRIC PLANS	
AE-412	LIGHT FIXTURE CUT SHEETS	
AE-500	ELECTRICAL EQUIPMENT CONNECTION SCHEDULE	
AE-501	ELECTRICAL POWER RISER DIAGRAM	
AE-502	ELECTRICAL PANEL BOARD SCHEDULES	
AE-601	GENERAL ELECTRICAL DETAILS	

WET LOCATION EXIT SIGN. High impact, injection

molded polycarbonate canopy cover with heavy gauge galvanized steel mounting plate with integral

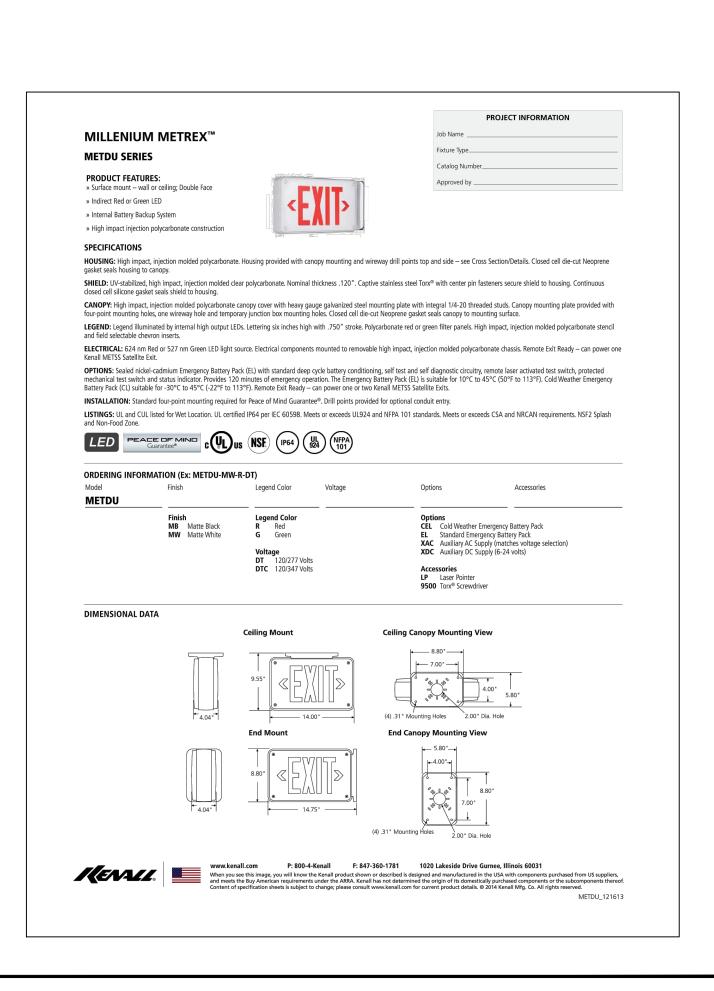
1/4-20 threaded studs. Canopy mounting plate

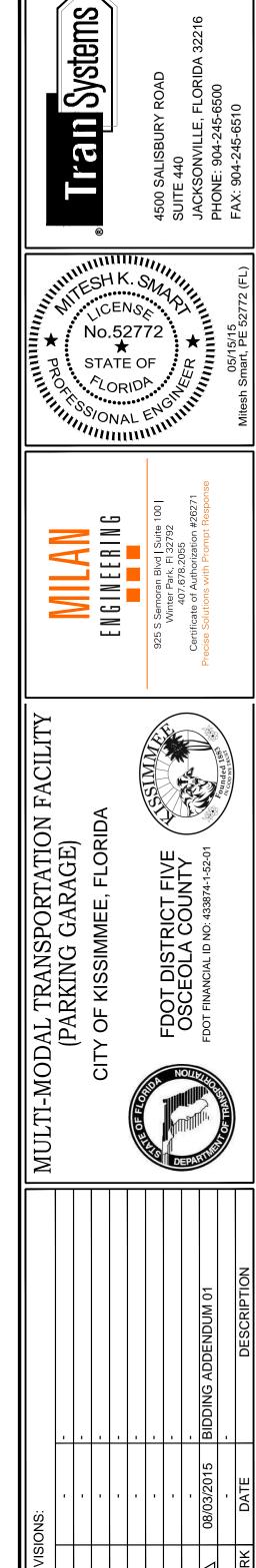
wireway hole and temporary junction box mounting

holes. Closed cell die-cut Neoprene gasket seals

provided with four-point mounting holes, one

canopy to mounting surface.





DRC NO:

SCALE: AS NOTED DATE: MAY 15, 2015

DESIGNED BY: MKS.PK.DL

ELECTRICAL

GENERAL NOTES

AND SHEET INDEX

AE-101

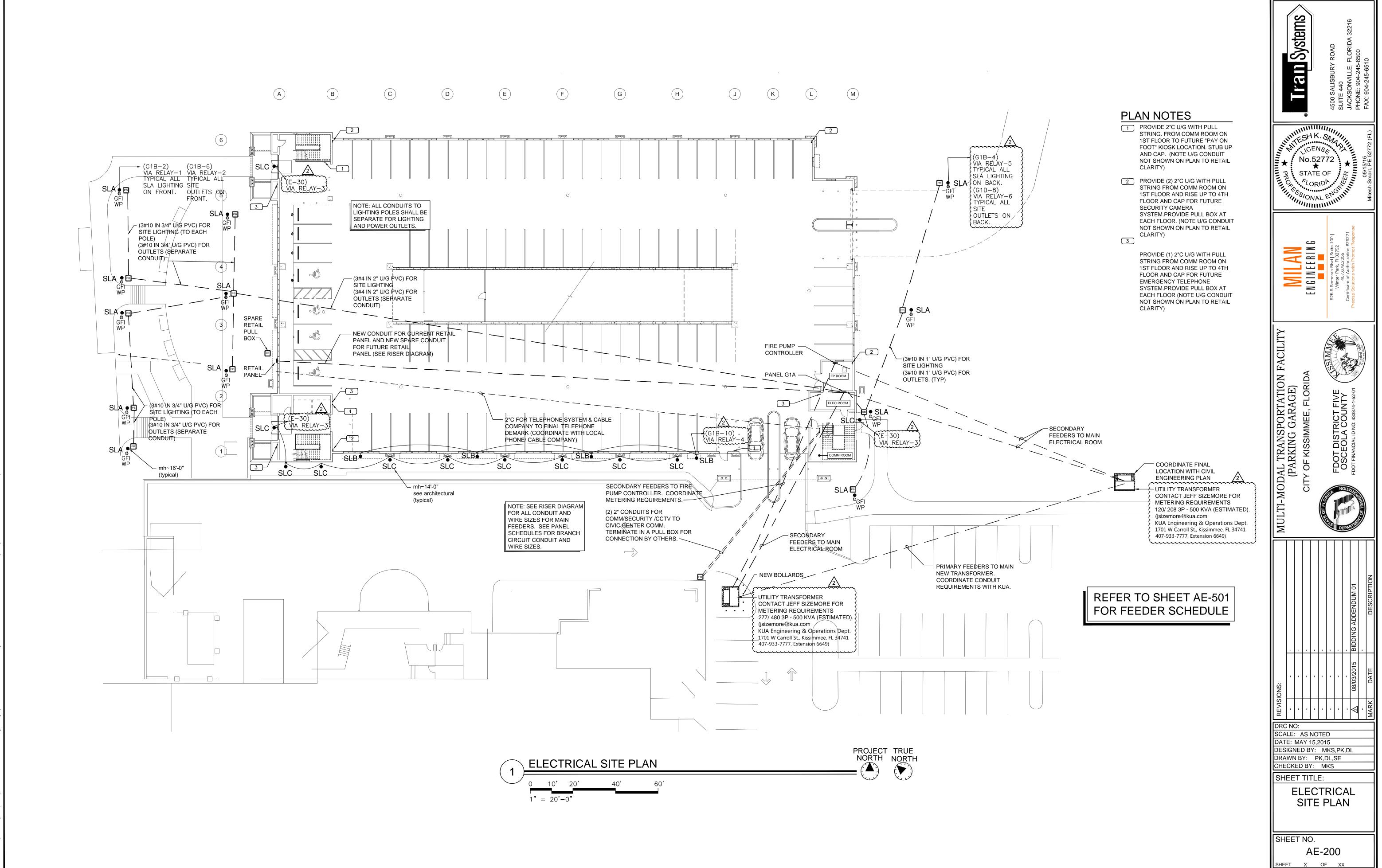
SHEET X OF XX

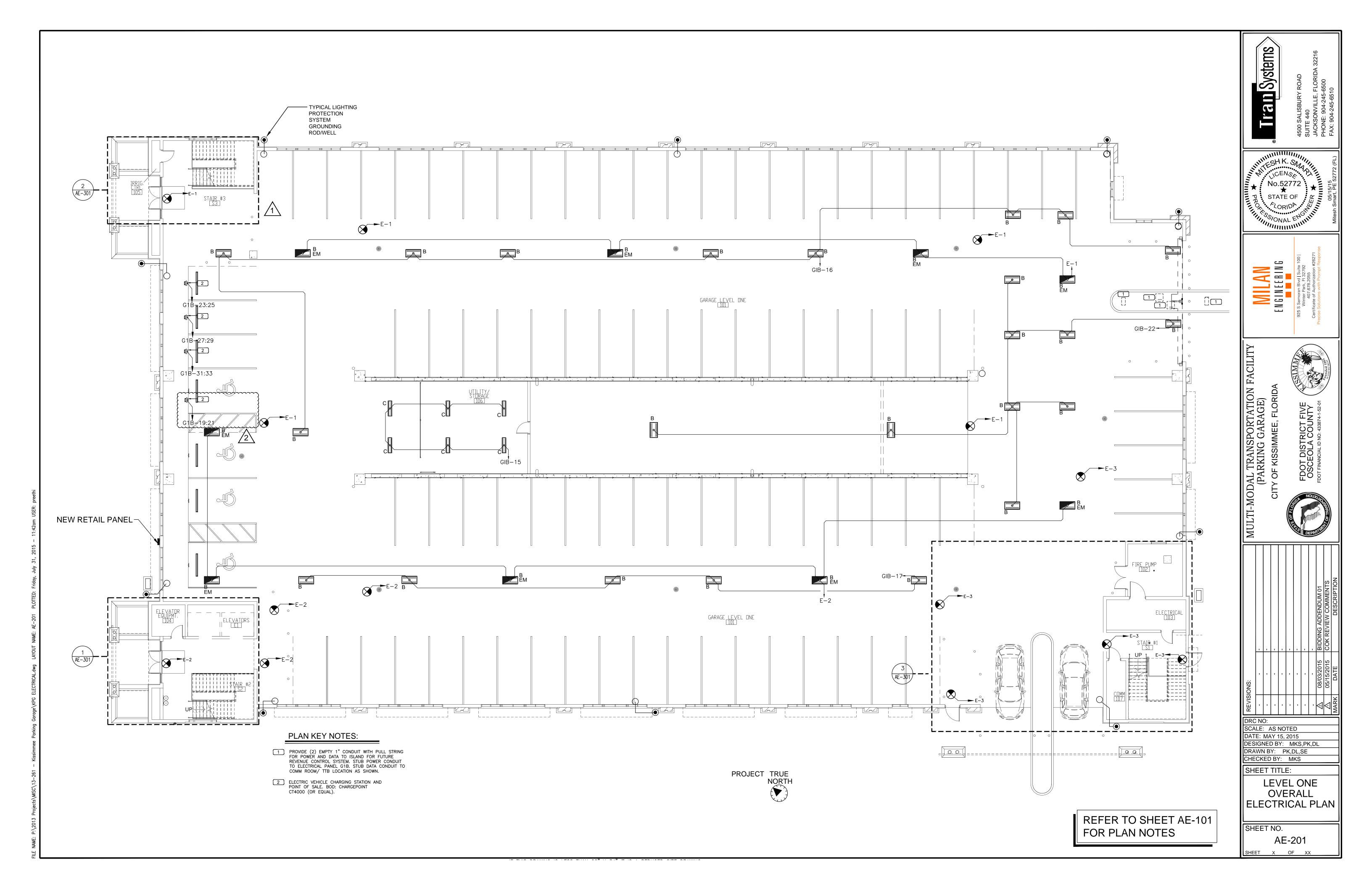
DRAWN BY: PK,DL,SE

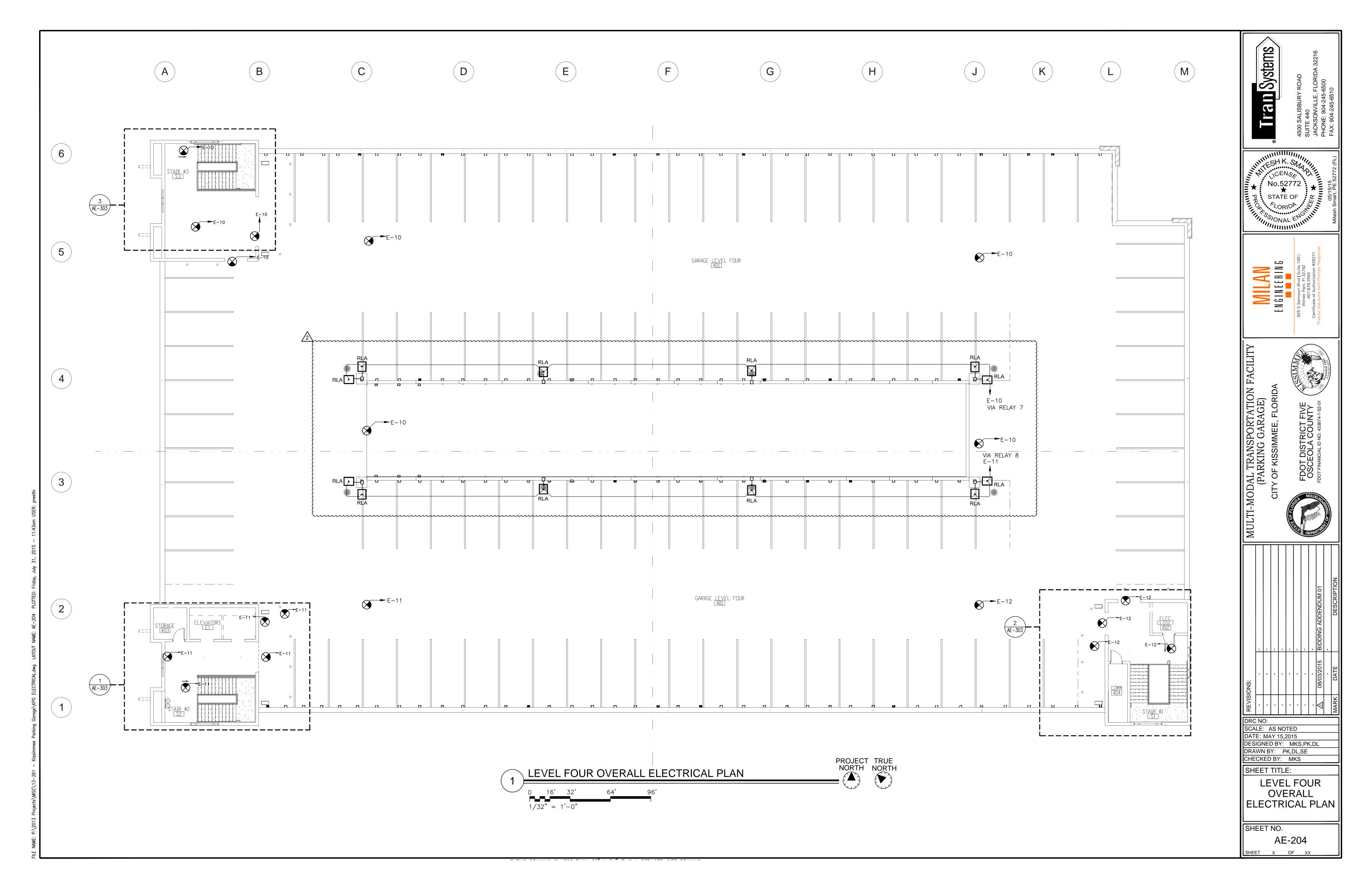
CHECKED BY: MKS

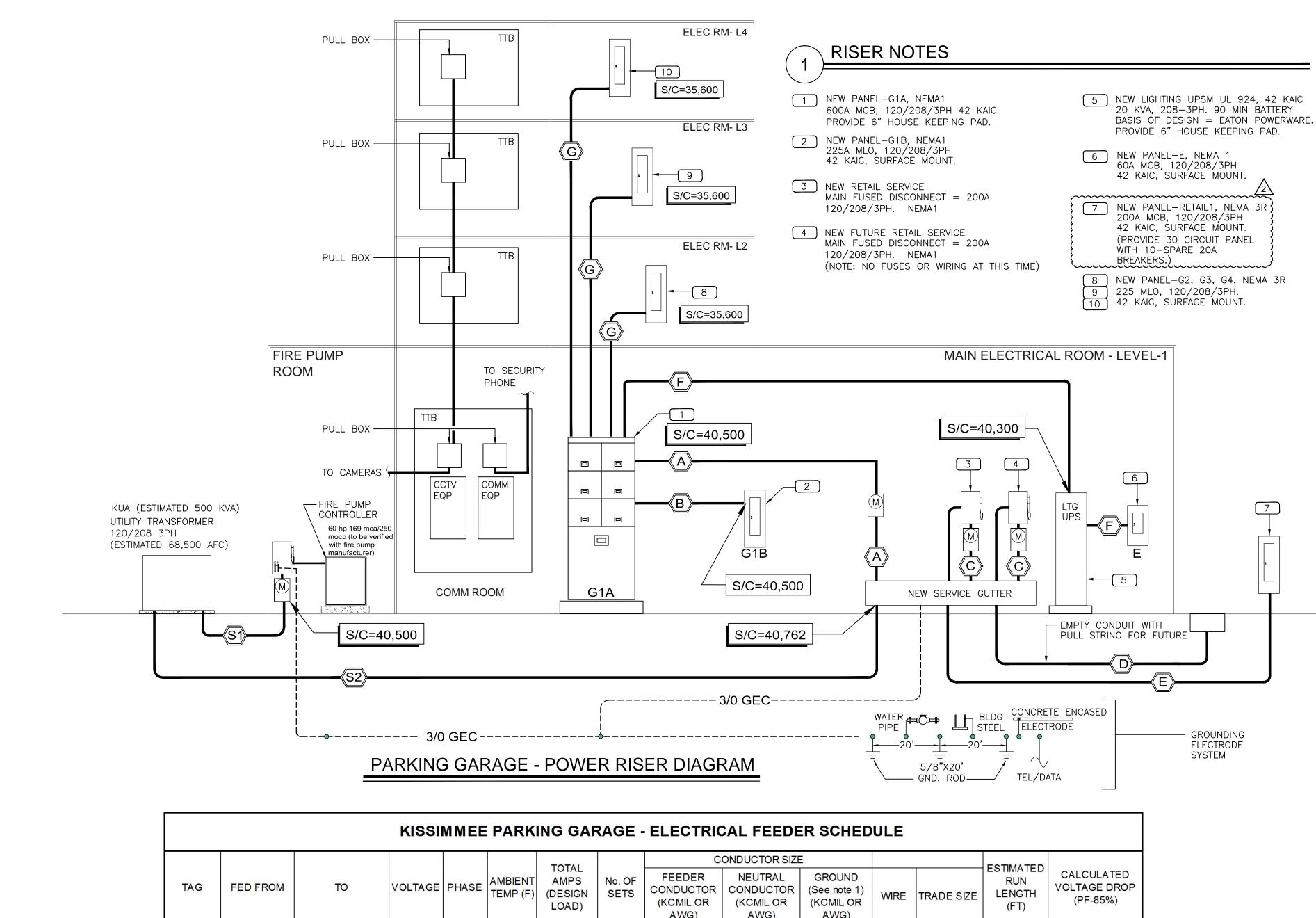
SHEET TITLE:

SHEET NO.









						TOTAL		CONDUCTOR SIZE						
TAG	FED FROM	ТО	VOLTAGE	PHASE	AMBIENT TEMP (F)	D 1000 N 10 N 10 N 10 N 10 N 10 N 10 N 1	No. OF SETS	FEEDER CONDUCTOR (KCMIL OR AWG)	NEUTRAL CONDUCTOR (KCMIL OR AWG)	GROUND (See note 1) (KCMIL OR AWG)	WIRE	TRADE SIZE	RUN LENGTH (FT)	CALCULATED VOLTAGE DROP (PF-85%)
S1	UTILITY	FP CONTROLLER	208	3	75	250	1	250	250		Cu	4"	75	1.10%
S2	UTILITY	SERVICE TROUGH	208	3	75	1000	3	400	400	-	Cu	4"	75	1.10%
Α	TROUGH	PANEL G1A	208	3	75	600	2	350	350	3/O	Cu	3"	10	~0
В	PANEL G1A	PANEL G1B	208	3	75	200	2	3/O	3/0	#6	Cu	2"	10	~0
С	TROUGH	RETAIL DISC	208	3	75	200	2	3/O	3/0	3/O	Cu	2"	10	~0
D	RETAIL DISC	PULL BOX	208	3	75	200	2	(PL	JLL STRING FOR	R FUTURE)	3"			
E	RETAIL DISC	PANEL-RETAIL1	208	3	75	200	2	250	250	#3	Cu	3"	275	~0
F	PANEL G1A	LTG UPS/ PNL-E	208	3	75	60	1	#6	#6	#10	Cu	1"	10	~0
G	PANEL G1A	PANEL G2,G3,G4	208	3	75	200	2	3/O	3/O	#6	Cu	2"	30	0.50%

For service entrance lateral feeders, omit grounding conductors from Utility Transformer to Service Equipment and provide grounding at the service equipment location as Table 250-66.

2 All feeders have been sized for a max voltage drop of 2%, branch circuits have been sized for max voltage drop of 3%, and the system designed per FBC 13-413

indicated in the riser diagram and as required by NEC

Tram Systems

CENON STATE OF MORIDA.

MILANENGENGE

-MODAL TRANSPORTATION F (PARKING GARAGE) CITY OF KISSIMMEE, FLORIDA FDOT DISTRICT FIVE OSCEOLA COUNTY

DRC NO: SCALE: AS NOTED

SHEET TITLE: **ELECTRICAL** POWER RISER DIAGRAM

DATE: MAY 15,2015

DESIGNED BY: MKS,PK,DL DRAWN BY: PK,DL,SE CHECKED BY: MKS

SHEET NO.

AE-501