



ADDENDA #3
ITB NO. 1001-2023-2024
ENHANCED SECURITY PROJECT
PURCHASING/MAINTENANCE/TRANSPORTATION SITES

DATE: 11/20/23

A. The purpose of this addendum is to provide clarification to vendor questions:

1. **Question:** Specify if the new access control panel will be enrolled to an existing server or will system be independent just for this facility?
Answer: The system will be an independent system for this site only.
2. **Question:** Confirm if wireless clickers are required to operate the gates?
Answer: Yes, provide (2) sets of wireless clickers for each gate, and include the cost in line item 14 of the schedule of bid prices form.
3. **Question:** During the mandatory meeting was mentioned that there is a preferred security vendor providing service to Martin County School District. Is there any other preferred vendors for any other division?
Answer: No, there are no preferred vendors. At the mandatory prebid meeting, the vendor discussed was in reference to item 5.3 of the ITB: Due to standardization, all Camera Systems and Access Control per the Construction Documents for this project are to be provided by Convergent Technologies LLC.
4. **Question:** If Contractor limits are \$1mil each occurrence \$2mil general aggregate with an umbrella policy of \$5mil limit, Is this acceptable?
Answer: Yes
5. **Question:** If the GL limits are increased to \$2 mil occurrence \$4 mil aggregate and have the Umbrella follow will that be acceptable?
Answer: Yes

B. Attachments:

1. Sample Insurance Accord
2. Plan Drawings:
 - G-001 – Cover Sheet & Index
 - E-101 – Electrical Security Plan - Overall
 - E-201 – Enlarged Electrical Plan
 - E-301 – Electrical Schedules and Panels

NOTE: ADDENDA #4 WILL BE FORTHCOMING



All other terms and conditions of this ITB remain unchanged.

This Addendum shall be considered an integral part of the ITB and Contract Documents and this Addendum must be signed and returned with your submittal **by 2:00 p.m. on December 6, 2023**, and acceptance on the Bid Form designated in Section 7.2. Failure to comply may result in disqualification of your bid submittal.

Lenora S. Darden

Lenora Darden, MCPP, CPPB, CPSM
Purchasing Supervisor

Acknowledgement is hereby made of Addenda #3 to ITB# 1001-2023-2024: Enhanced Security Project.

Authorized Signature

Firm

Printed, Title

Date

Email Address



Sample

Current Date

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/1/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Florida Insurance, Inc.	Insurance Agent/Broker Name and Address (legal entity)	CONTACT NAME:	Contact Information	FAX (A/C, No):
		PHONE (A/C, No, Ext):		E-MAIL ADDRESS:
		INSURER(S) AFFORDING COVERAGE		NAIC #
		INSURER A: ABC Insurance Company		
INSURED Sample Named Insured Address City, State, Zip Code	Vendor/Service Provider Name and Address (legal entity)	INSURER B:		
		INSURER C: Contact Information		
		INSURER D:		
		INSURER E:		
		INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** CL1672117628 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	Required, with valid dates			EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			If applicable, with valid dates			COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ 100,000 BODILY INJURY (Per accident) \$ 300,000 PROPERTY DAMAGE (Per accident) \$
C	UMBRELLA LIAB EXCESS LIAB OCCUR CLAIMS-MADE DED RETENTION \$			If applicable, with valid dates			EACH OCCURRENCE \$ AGGREGATE \$ indicate if any
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N		If applicable, with valid dates			<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Professional Liability Sexual Abuse/Molestation		X				EACH OCCURRENCE/AGGREGATE \$ 1,000,000/2,000,000 EACH OCCURRENCE/AGGREGATE \$ 100,000/300,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Indicate additional insured status and a description of the activity or service, include limitations, if any.

CERTIFICATE HOLDER School Board of Martin County 1939 SE Federal HWY Stuart, FL 34994 (772) 219-1200 Name and address as shown	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Signature required
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PURCHASING/MAINTENANCE/TRANSPORTATION DEPARTMENT

ENHANCED SECURITY PROJECT A2

MARTIN COUNTY SCHOOL DISTRICT

100% CONSTRUCTION DOCUMENTS SUBMITTAL

ARCHITECTURAL DESIGN CONSULTANT:

HARVARD JOLLY ARCHITECTURE

2047 VISTA PARKWAY, SUITE 100
WEST PALM BEACH, FL 33411
PHONE: 561-478-4457

MECHANICAL, PLUMBING & ELECTRICAL ENGINEER:

JLRD INC. ENGINEERS

1450 CENTREPARK BLVD - SUITE 350
WEST PALM BEACH, FLORIDA 33401
PHONE: 561-689-2303

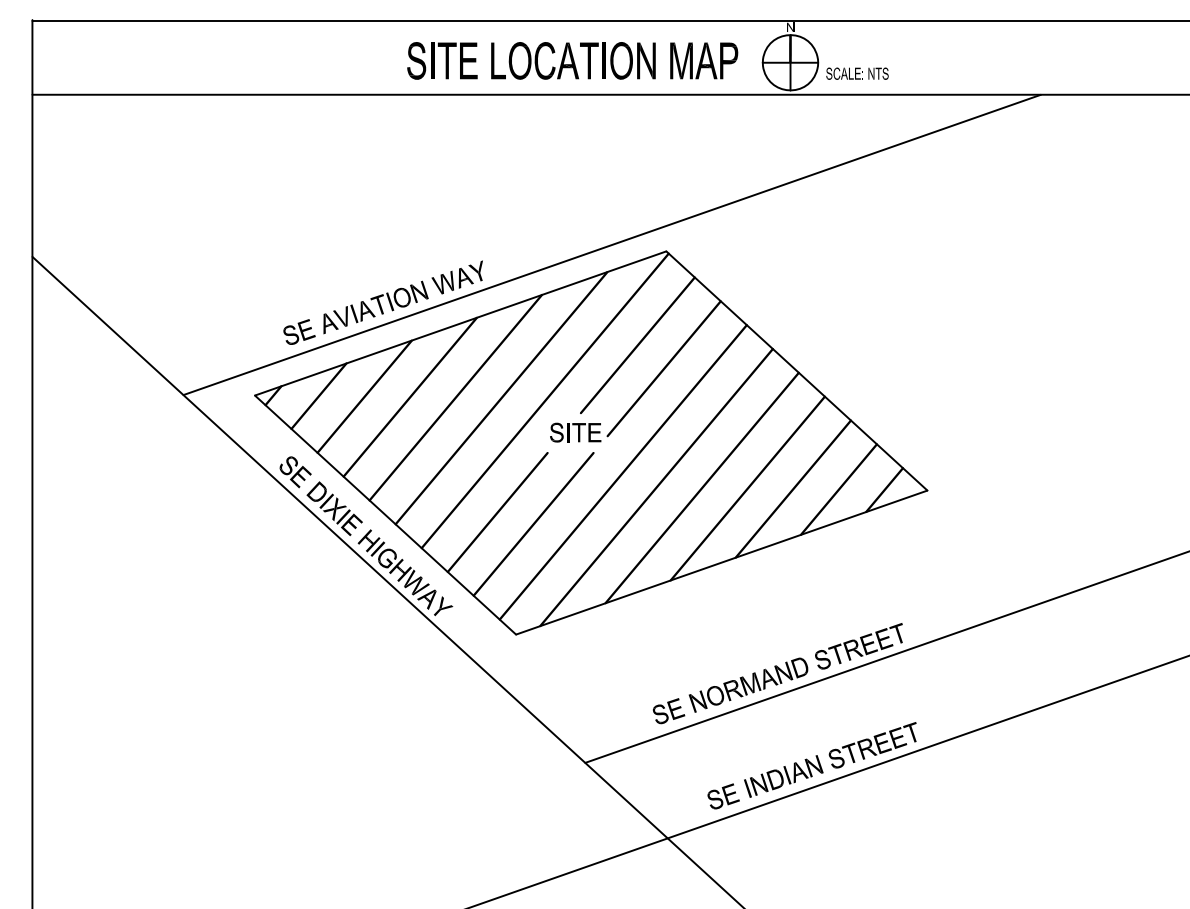
BOARD MEMBERS:

**MARSHA POWERS
TONY ANDERSON
CHRISTIA LI ROBERTS
VICTORIA DEFENTHALER
MICHAEL DITERLIZZI**

DR. JOHN D. MILLAY

**CHAIR
VICE CHAIR
MEMBER
MEMBER
MEMBER**

SUPERINTENDENT



PROJECT NARRATIVE

THIS PROJECT INCLUDES THE SECURITY ENHANCEMENT AT THE PURCHASING/ MAINTENANCE/ TRANSPORTATION DEPARTMENT BUILDINGS LOCATED WITHIN THE MARTIN COUNTY SCHOOL DISTRICT. THE SECURITY ENHANCEMENTS CONSIST OF THE INSTALLATION OF PERIMETER ANTI-CLIMBING FENCING, RELOCATION AND INSTALLATION OF VEHICULAR AND PEDESTRIAN GATES, A NEW ROADWAY ACCESS WITHIN THE SITE, IMPROVED LIGHTING THROUGHOUT THE SITE, CALL BOXES AND CARD READERS AS SHOWN, AND THE RELOCATION OF THE DUMPSTER ENCLOSURE. THE INSTALLATION OF THE SCOPE OF WORK SHALL BE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS SET FORTH IN THESE DOCUMENTS, FROM DIRECTION GIVEN FROM THE MARTIN COUNTY SCHOOL DISTRICT AND PER MANUFACTURERS RECOMMENDED INSTALLATION REQUIREMENTS. ALL AREAS, REGARDLESS OF LOCATION, WILL BE REQUIRED TO BE REPAIRED IF DISTURBED BY THE INSTALLATION OF THE SCOPE OF WORK. CONTRACTOR TO REVIEW ALL AS-BUILT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND VISIT THE SITE TO RECOGNIZE THE AREAS WITHIN THE SCOPE OF WORK. DO NOT SCALE DRAWINGS.

ALL NEW CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MARTIN COUNTY SCHOOL DISTRICT STANDARDS, APPLICABLE CODES AND AUTHORITY HAVING JURISDICTION. THIS INCLUDES THE REQUIREMENTS OF SREF, THE 2020 FLORIDA BUILDING CODE SEVENTH EDITION AND THE FLORIDA FIRE PREVENTION CODE.

ARCHITECT'S STATEMENT OF COMPLIANCE:
TO THE BEST OF OUR KNOWLEDGE, THESE DRAWINGS AND THE PROJECT MANUAL ARE COMPLETE AND COMPLY WITH THE MINIMUM REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE SEVENTH EDITION.

SHEET NO.	TITLE	ORIGINAL DATE	REVISION NO.	LATEST REVISION DATE
ARCHITECTURAL				
G-001	COVER SHEET & INDEX	12/15/2021	1	11/10/2023
AD-101	DEMOLITION SITE PLAN	12/15/2021		
A-101	PROPOSED SITE PLAN	12/15/2021		
A-102	PARTIAL SITE PLAN & DETAILS	12/15/2021		
A-103	SITE DETAILS	12/15/2021		
ELECTRICAL				
E-001	ELECTRICAL NOTES & LEGEND	12/15/2021		
E-101	ELECTRICAL SECURITY PLAN - OVERALL	12/15/2021	1	11/10/2023
E-201	ENLARGED ELECTRICAL PLAN	12/15/2021	1	11/10/2023
E-202	ENLARGED ELECTRICAL PLAN	12/15/2021		
E-203	ENLARGED ELECTRICAL PLAN	12/15/2021		
E-301	ELECTRICAL SCHEDULES AND PANELS	12/15/2021	1	11/10/2023
E-302	ELECTRICAL RISERS	12/15/2021		
E-303	ELECTRICAL DETAILS	12/15/2021		

Comm. No: 16025.12
Date: 12/15/2021
Drawn: MFH

Revisions		
No.	Date	Note
1	11/10/23	Addendum 02

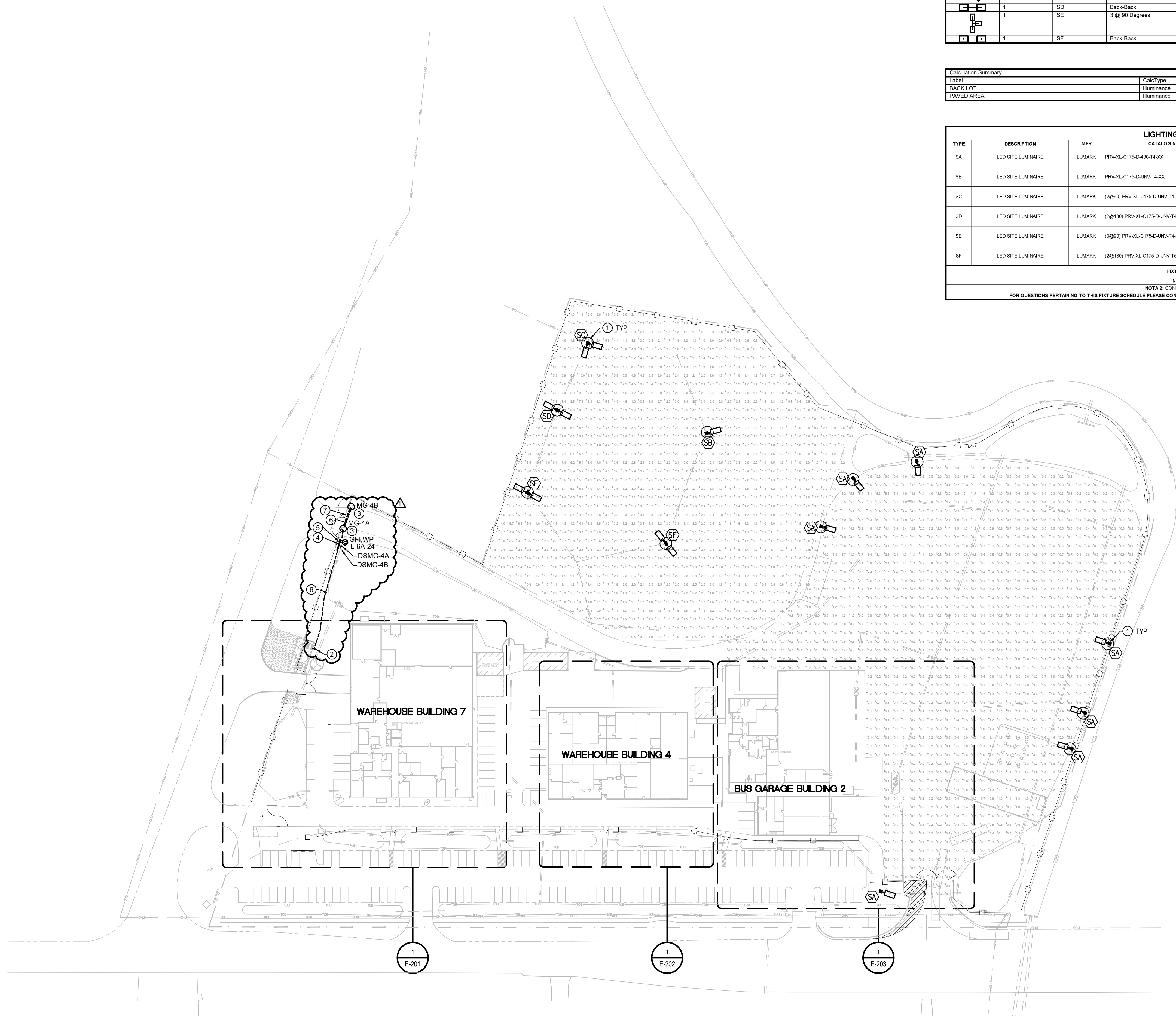
TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

Daniel T Canavan, AIA
FL License #AR10250
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COVER SHEET & INDEX

G-001

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Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
[Symbol]	6	SA	Single	48569	48569	0.900	346	346
[Symbol]	1	SB	Single	48569	48569	0.900	346	346
[Symbol]	1	SC	2 @ 90 degrees	48569	97138	0.900	346	692
[Symbol]	1	SD	Back-Back	48569	97138	0.900	346	692
[Symbol]	1	SE	3 @ 90 Degrees	48569	145707	0.900	346	1038
[Symbol]	1	SF	Back-Back	52349	104698	0.900	346	692

Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
BACK LOT	Illuminance	Fc	2.87	11.0	0.4	7.18	27.50
PAVED AREA	Illuminance	Fc	1.39	6.6	0.0	N.A.	N.A.

TYPE	DESCRIPTION	MFR	CATALOG NUMBER	VOLTS	LAMPS	WATTS	DIMMING	MOUNTING	REMARKS
SA	LED SITE LUMINAIRE	LUMARK	PRV-XL-C175-D-480-T4-XX	480V	LED	346W	N/A	EXISTING POLE	NOTE 1, 2
SB	LED SITE LUMINAIRE	LUMARK	PRV-XL-C175-D-UNV-T4-XX	120V	LED	346W	N/A	EXISTING POLE	NOTE 1, 2
SC	LED SITE LUMINAIRE	LUMARK	(2@90) PRV-XL-C175-D-UNV-T4-XX	120V	LED	(2) 346W	N/A	EXISTING POLE	NOTE 1, 2
SD	LED SITE LUMINAIRE	LUMARK	(2@180) PRV-XL-C175-D-UNV-T4-XX	120V	LED	(2) 346W	N/A	EXISTING POLE	NOTE 1, 2
SE	LED SITE LUMINAIRE	LUMARK	(3@90) PRV-XL-C175-D-UNV-T4-XX	120V	LED	(3) 346W	N/A	EXISTING POLE	NOTE 1, 2
SF	LED SITE LUMINAIRE	LUMARK	(2@180) PRV-XL-C175-D-UNV-T5-XX	120V	LED	(2) 346W	N/A	EXISTING POLE	NOTE 1, 2

FIXTURE SCHEDULE NOTES
 NOTE 1: ADVISE FINISH
 NOTE 2: CONFIRM TENDON OR DRILL MOUNTING
 FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF AT LIGHTING DYNAMICS: #772-285-7169; RHUFF@LIGHTINGDYNAMICS.COM

1 E-101 ELECTRICAL SECURITY PLAN - OVERALL
 SCALE: 1"=60'-0"

- PLAN NOTES**
- REPLACE EXISTING POLE MOUNTED LIGHTING FIXTURES WITH NEW, TYPE AS SHOWN. RECONNECT TO EXISTING LIGHTING CIRCUITS/ CONTROLS AS REQUIRED.
 - SEE ENLARGED PLANS SHEET E-201 FOR CONTINUATION.
 - GATE MOTOR, SEE DISCONNECT SCHEDULE.
 - ENCLOSURE, IF REQUIRED.
 - PROVIDE STRUT RACKS FOR EXTERIOR MOUNTED EQUIPMENT, CONTAINING DISCONNECT SWITCH AND MAINTENANCE RECEPTACLE, WIRED TO CIRCUIT INDICATED, SEE DETAIL 2/E-303.
 - ROUTE UNDERGROUND CONDUITS FROM GATE ENTRY TO EXISTING STORAGE I.T. AS FOLLOWS:
 1-1/4" GATE MOTOR POWER FOR EACH DOUBLE GATE.
 1-1/4" SPARE.
 - TRENCHING OF ROADWAY REQUIRED, SEE DETAIL 7 ON SHEET E-303 FOR HARDSCAPE PATCHING.

HARVARD JOLLY ARCHITECTURE
 2047 Vista Parkway, Suite 100 West Palm Beach, FL 33411 | 561-478-4457 | www.harvardjolly.com | AR0013140

JLRD
 JOHNSON, LEVINSON RAGAN, DAVILA, INC.
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 (407) 480-0800 (407) 480-0802 fax
 www.jlrda.com

Purchasing/Maintenance/Transportation Dept.
 Enhanced Security Project A2
 Martin County School District
 2845 SE Dixie Highway, Stuart, Florida 34994
 100% Construction Documents

Comm. No: 16025.12
 Date: 12/15/2021
 Drawn: SL

Revisions		
No.	Date	Note
1	11/10/23	Addendum 02

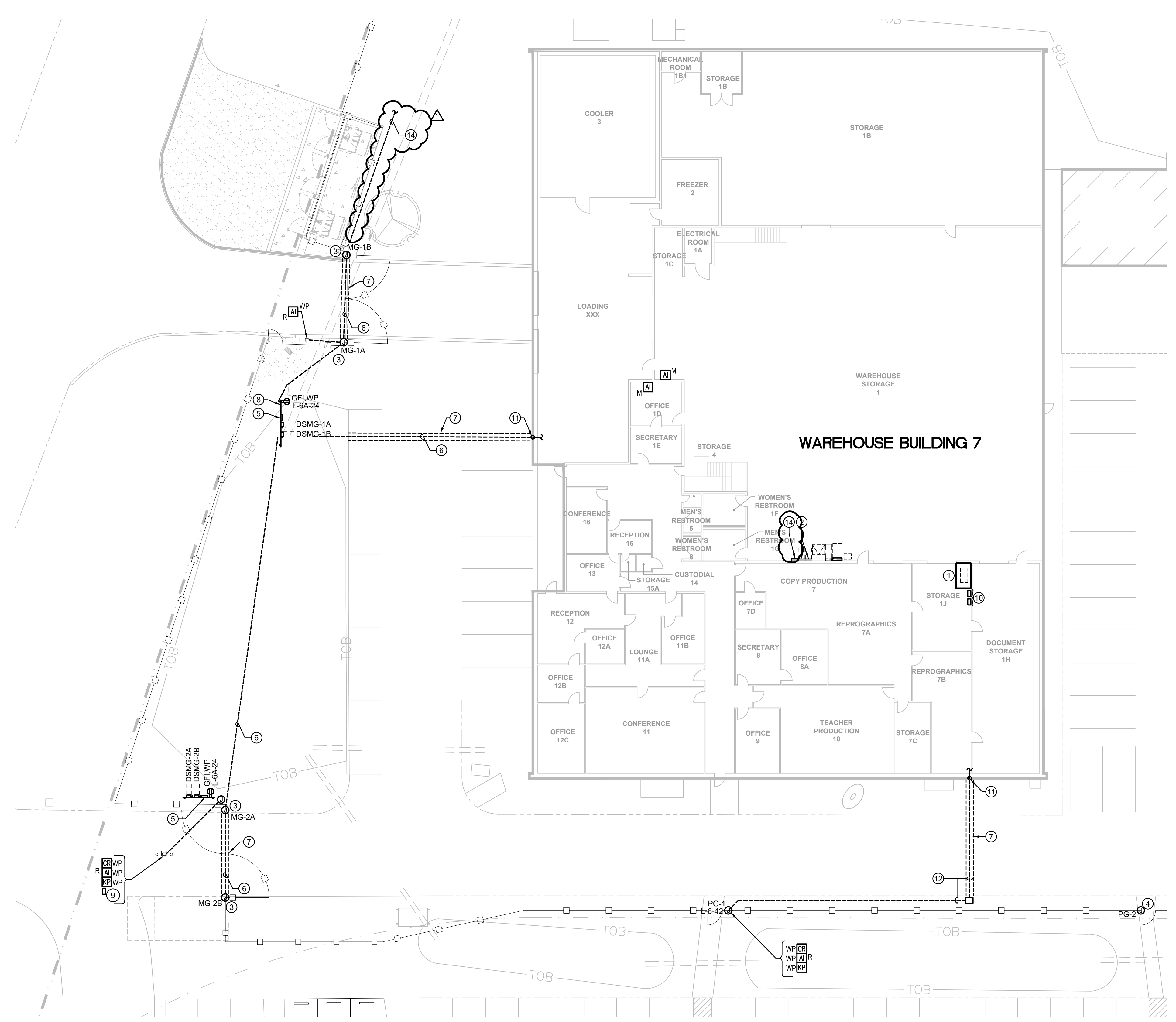
TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

Charles C. Gableman, P.E. 51096
 JLRD JOB #181176

ELECTRICAL SECURITY PLAN - OVERALL

E-101

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1 ENLARGED ELECTRICAL PLAN - WAREHOUSE AREA
 SCALE: 1/16"=1'-0"

- ### PLAN NOTES
- 1 APPROXIMATE LOCATION OF EXISTING SERVER RACK LOCATED IN STORAGE ROOM 1J.
 - 2 EXISTING ELECTRICAL PANELS 'L-6' AND 'L-6A' LOCATION.
 - 3 GATE MOTOR, SEE DISCONNECT SCHEDULE.
 - 4 PEDESTRIAN GATE WITH PANIC HARDWARE, NO ELECTRIC REQUIRED.
 - 5 ENCLOSURE, IF REQUIRED.
 - 6 ROUTE UNDERGROUND CONDUITS FROM GATE ENTRY TO EXISTING STORAGE I.T. AS FOLLOWS:
 1-1" GATE MOTOR CONTROL.
 1-1" GATE MOTOR POWER FOR EACH DOUBLE GATE.
 1-1" ACCESS CONTROL (KEYPAD, PROXIMITY READER).
 1-1" ALPHONE (VOICE/VIDEO).
 1-1" SPARE.
 1-1-1/4" GATE MOTOR POWER (TO MG-4A, MG-4B. SEE SITE PLAN FOR LOCATION)
 1-1-1/4" SPARE (TO MG-4A, MG-4B. SEE SITE PLAN FOR LOCATION)
 - 7 TRENCHING OF ROADWAY REQUIRED, SEE DETAIL 7 ON SHEET E-303 FOR HARDSCAPE PATCHING.
 - 8 PROVIDE STRUT RACKS FOR EXTERIOR MOUNTED EQUIPMENT, CONTAINING DISCONNECT SWITCH AND MAINTENANCE RECEPTACLE, WIRED TO CIRCUIT INDICATED, SEE DETAIL 2/E-303.
 - 9 PROVIDE AND INSTALL KNOX-BOX (3200 SERIES) WITH INTEGRAL MULTIPURPOSE ELECTRICAL SWITCH WITH ENCLOSURE. 1/4" PLATE STEEL HOUSING, 1/2" THICK DOOR WITH INTERIOR GASKET SEAL. BOTH KNOX AND LOCK SHALL HAVE 1/8" STEEL DUST COVER WITH TAMPER SEAL MOUNTING CAPABILITY. FINISH COLOR SHALL BE ALUMINUM. VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH MARTIN COUNTY FIRE RESCUE PRIOR TO ROUGH-IN.
 - 10 AI PHONE, ACS CONTROL PANEL, AND TERMINAL CABINETS, CONNECT TO CIRCUIT L-6-42 VIA 2#12, 1#12G-3/4" EACH CIRCUIT.
 - 11 CORE DRILL OPENING LOW ON WALL, FOR CONDUITS INTO BUILDING. WEATHER PROOF PENETRATION AS REQUIRED.
 - 12 ROUTE UNDERGROUND CONDUITS FROM GATE ENTRY TO EXISTING STORAGE I.T.
 - 13 2#10, 1#10G - 3/4" TO CIRCUIT INDICATED AND 3/4" CONDUIT WITH PULL STRING TO STORAGE ROOM 1J
 - 14 PROVIDE AND INSTALL NEW PANEL 'L-6B' FED FROM EXISTING PANEL 'L-6A' WITH 3#4, 1#10G IN 1".
 - 15 ROUTE UNDERGROUND CONDUITS FROM GATE ENTRY TO EXISTING STORAGE I.T. AS FOLLOWS:
 1-1-1/4" GATE MOTOR POWER (TO MG-4A, MG-4B. SEE SITE PLAN FOR LOCATION)
 1-1-1/4" SPARE (TO MG-4A, MG-4B. SEE SITE PLAN FOR LOCATION)

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Date: 12/15/2021

Drawn: SL

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No.	Date	Note
1	11/10/23	Addendum 02

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

Charles C. Gableman, P.E. 01906
JLRD JOB #181176

ENLARGED ELECTRICAL PLAN

E-201

LOCATION: WAREHOUSE STORAGE 1 **PANELBOARD SCHEDULE** EXISTING PANEL: L-6

BUS KVA			LOAD	POLES	TRIP	CIRC	BUS			LOAD	BUS KVA		
A	B	C					A	B	C		A	B	C
-	-	-	MAIN BREAKER	3	225	3	2	-	-	SPACE NOT USABLE	-	-	-
-	-	-	EXISTING LOAD	1	20	7	4	-	-	SPACE NOT USABLE	-	-	-
-	-	-	EXISTING LOAD	1	20	9	6	-	-	SPACE NOT USABLE	-	-	-
-	-	-	EXISTING LOAD	1	30	11	8	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	13	10	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	3	20	15	12	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	17	14	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	20	19	16	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	21	18	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	23	20	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	25	22	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	27	24	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	29	26	20	1	ICE MACHINE	-	-	-
-	-	-	EXISTING LOAD	1	20	31	28	20	2	WATER HEATER	-	-	-
-	-	-	EXISTING LOAD	1	20	33	30	-	-	-	-	-	-
-	-	-	EXISTING LOAD	1	20	35	32	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	50	37	34	20	-	-	-	-	-
-	-	-	EXISTING LOAD	-	-	39	36	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	41	38	70	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	-	40	-	-	-	-	-	-
-	-	-	EXISTING LOAD	1	20	41	42	20	1	AIPHONE, ACCESS, PNL	①	0.5	-

RATED VOLTAGE: 120/208V 3PHASE, 4WIRE FEED IS TO BE () BOTTOM: () TOP FROM: ()

RATING IS TO BE () 100 () 200 () 400 AMPS VERIFY GROUND BAR IS EXISTING

() MAIN BREAKER 200 AMPS () MAIN LUGS ONLY VERIFY NEUTRAL BUS IS TO BE () FULL () DOUBLE SIZE

BRANCH POLES= () 12 () 24 () 30 () 42 HINGED DOOR WITH KEYPAD LATCH () IS () IS NOT REQUIRED

PANELBOARD IS TO BE () FUSED () BOLT IN CIRCUIT BREAKER TYPE HARD WIRED SURGE PROTECTION () IS () IS NOT REQUIRED

ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CIRCUIT CURRENT I_{sc} = 10,000

DISCONNECT SWITCH SCHEDULE

NO.	SWITCH/FUSE	VOLTAGE	LOCATION	CIR NO.	CONDUIT/CONDUCTOR	ENCL. TYPE	REMARKS
DSMG-1A	30A/2P/15ADEF	120V/1Ø	MG-1A	L-6B-1	1" C-3#6, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-1B	30A/2P/15ADEF	120V/1Ø	MG-1A	L-6B-3	1" C-3#6, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-2A	30A/2P/15ADEF	120V/1Ø	MG-2A	L-6B-5	1" C-3#6, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-2B	30A/2P/15ADEF	120V/1Ø	MG-2A	L-6B-7	1" C-3#6, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-3A	30A/2P/15ADEF	120V/1Ø	MG-3A	L-P-P-32	1" C-3#6, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-3B	30A/2P/15ADEF	120V/1Ø	MG-3A	L-P-P-34	1" C-3#6, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-4A	30A/2P/15ADEF	120V/1Ø	MG-4A	L-6B-2	1" C-3#4, 1#6G	NEMA 4X-SS	NOTES 1,2
DSMG-4B	30A/2P/15ADEF	120V/1Ø	MG-4A	L-6B-4	1" C-3#4, 1#6G	NEMA 4X-SS	NOTES 1,2

NOTES:
1. PROVIDE WITH SOLID NEUTRAL.
2. RACK MOUNTED.

LOCATION: BUS REPAIR 25 **PANELBOARD SCHEDULE** EXISTING PANEL: LP.P.

BUS KVA			LOAD	POLES	TRIP	CIRC	BUS			LOAD	BUS KVA		
A	B	C					A	B	C		A	B	C
-	-	-	EXISTING LOAD	1	20	1	2	50	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	3	4	-	-	-	-	-	-
-	-	-	EXISTING LOAD	2	20	5	6	50	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	7	8	-	-	-	-	-	-
-	-	-	EXISTING LOAD	2	20	9	10	15	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	11	12	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	13	14	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	3	30	15	16	-	-	-	-	-	-
-	-	-	EXISTING LOAD	-	-	17	18	-	-	-	-	-	-
-	-	-	EXISTING LOAD	1	20	19	20	30	3	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	21	22	-	-	-	-	-	-
-	-	-	EXISTING LOAD	2	50	23	24	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	25	26	-	-	-	-	-	-
-	-	-	EXISTING LOAD	1	20	27	28	20	1	EXTERIOR GFI RECEPTACLE ②	0.2	-	-
-	-	-	EXISTING LOAD	1	20	29	30	20	1	CABINETS, AIPHONE, ACS PANELS ①	0.5	-	-
-	-	-	EXISTING LOAD	1	20	31	32	20	1	MG-3A VEHICLE GATE ①	1.4	0.5	-
-	-	-	EXISTING LOAD	1	20	33	34	20	1	MG-3B VEHICLE GATE ①	1.4	-	-
-	-	-	EXISTING LOAD	3	30	37	38	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	39	40	20	1	AIPHONE, ACCESS, IDS PNL, PANIC ①	0.5	-	-
-	-	-	EXISTING LOAD	1	20	41	42	-	-	SPACE	-	-	-

RATED VOLTAGE: 120/208V FEED IS TO BE () BOTTOM: () TOP FROM: ()

RATING IS TO BE () 100 () 200 () 400 AMPS GROUND BAR IS REQUIRED

() MAIN BREAKER AMPS () MAIN LUGS ONLY NEUTRAL BUS IS TO BE () FULL () DOUBLE SIZE

BRANCH POLES= () 12 () 24 () 30 () 42 HINGED DOOR WITH KEYPAD LATCH () IS () IS NOT REQUIRED

PANELBOARD IS TO BE () FUSED () BOLT IN CIRCUIT BREAKER TYPE HARD WIRED SURGE PROTECTION () IS () IS NOT REQUIRED

LOCATION: WAREHOUSE STORAGE 1 **PANELBOARD SCHEDULE** EXISTING PANEL: L-6A

BUS KVA			LOAD	POLES	TRIP	CIRC	BUS			LOAD	BUS KVA		
A	B	C					A	B	C		A	B	C
-	-	-	EXISTING LOAD	1	20	1	2	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	3	4	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	5	6	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	20	7	8	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	9	10	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	20	11	12	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	13	14	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	15	16	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	17	18	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	3	70	27	20	-	-	-	-	-	-
-	-	-	EXISTING LOAD	-	-	29	22	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	50	31	24	20	1	EXTERIOR GFI RECEPTACLE ①	0.4	-	-
-	-	-	EXISTING LOAD	-	-	33	26	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	30	35	30	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	30	37	34	40	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	60	39	40	100	3	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	41	42	-	-	-	-	-	-

RATED VOLTAGE: 120/208V 3PHASE, 4WIRE FEED IS TO BE () BOTTOM: () TOP FROM: ()

RATING IS TO BE () 100 () 200 () 400 AMPS VERIFY GROUND BAR IS EXISTING

() MAIN BREAKER 200 AMPS () MAIN LUGS ONLY VERIFY NEUTRAL BUS IS TO BE () FULL () DOUBLE SIZE

BRANCH POLES= () 12 () 24 () 30 () 42 HINGED DOOR WITH KEYPAD LATCH () IS () IS NOT REQUIRED

PANELBOARD IS TO BE () FUSED () BOLT IN CIRCUIT BREAKER TYPE HARD WIRED SURGE PROTECTION () IS () IS NOT REQUIRED

ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CIRCUIT CURRENT I_{sc} = 10,000

LOCATION: WAREHOUSE STORAGE 1 **PANELBOARD SCHEDULE** PANEL: L-6B

BUS KVA			LOAD	POLES	TRIP	CIRC	BUS			LOAD	BUS KVA		
A	B	C					A	B	C		A	B	C
1.4	-	-	MG-1A VEHICLE GATE	1	20	1	2	20	1	MG-1A VEHICLE GATE	1.4	-	-
-	1.4	-	MG-1B VEHICLE GATE	1	20	3	4	20	1	MG-1A VEHICLE GATE	-	1.4	-
-	-	-	MG-2A VEHICLE GATE	1	20	5	6	20	1	SPARE	-	-	-
1.4	-	-	MG-2B VEHICLE GATE	1	20	7	8	20	1	SPARE	-	-	-
-	-	-	SPARE	1	20	9	10	20	1	SPARE	-	-	-
-	-	-	SPACE	-	-	11	12	-	-	SPACE	-	-	-
-	-	-	SPACE	-	-	13	14	-	-	SPACE	-	-	-
-	-	-	SPACE	-	-	15	16	-	-	SPACE	-	-	-
-	-	-	SPACE	-	-	17	18	-	-	SPACE	-	-	-
-	-	-	SPACE	-	-	19	20	-	-	SPACE	-	-	-
-	-	-	SPACE	-	-	21	22	30	3	SPD	-	-	-
-	-	-	SPACE	-	-	23	24	-	-	-	-	-	-

RATED VOLTAGE: 120/208V 3PHASE, 4WIRE FEED IS TO BE () BOTTOM: () TOP FROM: L-6A

RATING IS TO BE () 60 () 225 () 400 AMPS GROUND BAR IS REQUIRED

() MAIN BREAKER AMPS () MAIN LUGS ONLY NEUTRAL BUS IS TO BE () FULL () DOUBLE SIZE

BRANCH POLES= () 12 () 24 () 30 () 42 HINGED DOOR WITH KEYPAD LATCH () IS () IS NOT REQUIRED

PANELBOARD IS TO BE () FUSED () BOLT IN CIRCUIT BREAKER TYPE HARD WIRED SURGE PROTECTION () IS () IS NOT REQUIRED

ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CIRCUIT CURRENT I_{sc} = MATCH EXISTING

LOCATION: WAREHOUSE STORAGE 1 **PANELBOARD SCHEDULE** EXISTING PANEL: L-3

BUS KVA			LOAD	POLES	TRIP	CIRC	BUS			LOAD	BUS KVA		
A	B	C					A	B	C		A	B	C
-	-	-	EXISTING LOAD	1	20	1	2	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	3	4	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	5	6	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	7	8	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	9	10	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	1	20	11	12	20	1	EXISTING LOAD	-	-	-
-	-	-	SPACE	-	-	13	14	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	15	16	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	3	20	17	18	20	1	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	-	-	19	20	20	2	EXISTING LOAD	-	-	-
-	-	-	EXISTING LOAD	2	30	21	22	-	-	-	-	-	-
-	-	-	EXISTING LOAD	-	-	23	24	20	1	EXISTING LOAD	-	-	-
0.5	-	-	AIPHONE, ACCESS, PANELS ①	-	-	25	26	20	1	EXISTING LOAD	-	-	-
-	-	-	SPACE	-	-	27	28	-	-	SPACE	-	-	-
-	-	-	SPACE	-	-	29	30	-	-	SPACE	-	-	-

RATED VOLTAGE: 120/208V 3PHASE, 4WIRE FEED IS TO BE () BOTTOM: () TOP FROM: ()

RATING IS TO BE () 100 () 225 () 400 AMPS GROUND BAR IS REQUIRED

() MAIN BREAKER AMPS () MAIN LUGS ONLY NEUTRAL BUS IS TO BE () FULL () DOUBLE SIZE

BRANCH POLES= () 12 () 24 () 30 () 42 HINGED DOOR WITH KEYPAD LATCH () IS () IS NOT REQUIRED

PANELBOARD IS TO BE () FUSED () BOLT IN CIRCUIT BREAKER TYPE HARD WIRED SURGE PROTECTION () IS () IS NOT REQUIRED

ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CIRCUIT CURRENT I_{sc} = MATCH EXISTING

- RISER NOTES**
- PROVIDE AND INSTALL NEW BREAKER. BREAKER TO MATCH EXISTING TYPE.
 - REMOVE EXISTING 2-POLE BREAKER. PROVIDE AND INSTALL NEW BREAKER. BREAKER TO MATCH EXISTING TYPE. PROVIDE BLANK COVER PLATE AS NECESSARY.

HARVARD JOLLY ARCHITECTURE

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JLR

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Purchasing/Maintenance/Transportation Dept.
Enhanced Security Project A2
Martin County School District
2845 SE Dixie Highway, Stuart, Florida 34994
100% Construction Documents

Comm. No: 16025.12
Date: 12/15/2021
Drawn: SL

Revisions		
No.	Date	Note
1	11/10/23	Addendum 02

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

Charles C. Gableman, P.E. 51996
JLR 208 #181176

ELECTRICAL SCHEDULES AND PANELS

E-301