

ADDENDUM NO. 2 LA VILLA HIGH SCHOOL NEW AGRICULTURAL BARN AND LA VILLA HIGH SCHOOL & ELEMNTARY SCHOOL SITE IMPROVEMENTS FOR LA VILLA INDEPENDENT SCHOOL DISTRICT LA VILLA, TEXAS



DATE: March 15, 2019
PRIOR TO GENERAL CONSTRUCTION PROPOSAL OPENING

03.15.2019

PROPOSAL DATE: *Thursday, March 21, 2018 @ 4:00 P.M.*

ARCHITECT: **RIKE-OGDEN-FIGUEROA-ALEX ARCHITECTS INC.**
1007 Walnut Avenue
McAllen, Texas 78501

(10) 8 1/2" x 11"

(1) 24" x 36"

Total Pages 11

NOTICE:

- A. *The following changes, omissions or alterations to the specifications and drawings shall be made and insofar as the specifications and drawings are inconsistent with the following, this addendum shall govern.*
 - B. *Acknowledge receipt of this addendum by inserting its number and date of issue in the place provided for same in the proposal. This addendum forms a part of the Contract Documents.*
 - C. *It is imperative that this addendum be inserted INTO set of specifications.*
-
-

Item No. 1 MEP Addendum Items:

- A. See attached MEP addendum items as follows:
 - 1. Addendum No.2 Narrative (1 - 8 1/2" x 11').
 - 2. Add to project manual Section 17900 Video Intercom System Alternate No.1. (17900 - 1 thru 17900 - 7).
 - 3. Sheet AES2.1 (1 - 24' x 36").
 - 4. Sheet AE4.1 (1 - 8 1/2" x 11").

END OF ADDENDUM # 2

3/15/2019



ADDENDUM #2

Architect: ROFA Architects
Project Name: La Villa High School Site Improvements
Project Number: 19.1.3
Date: 3/15/2019

Note: The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.

- I. Specifications:
 - 1. Add Alternate No.1 specification 17900. Refer to attachment.
- II. General: N/A
- III. Mechanical: N/A
- IV. Electrical:
 - A. Sheet AES2.1 – Revised notes and legends, refer to attached.
 - B. Sheet AE4.1 – Additional notes and revised riser, refer to attached.
- V. Plumbing: N/A
- VI. Fire Protection: N/A

SECTION 17900

VIDEO INTERCOM SYSTEM

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Hands-free/handset color video intercom security system. (Aiphone JP Series)

1.2 RELATED SECTIONS

- A. Section 27 41 00 - Audio-Video Communications.
- B. Section 27 41 16 - Integrated Audio-Video Systems and Equipment.

1.3 REFERENCES

- A. American National Standards Institute (ANSI/TIA/EIA) 568 - Commercial Building Telecommunications Cabling Standard.
- B. International Organization for Standards (ISO) 9001:2000 - Quality Management Systems - Requirements.

1.4 SYSTEM DESCRIPTION

- A. The JP Series shall provide a large 7-inch (180 mm) touch screen monitor for clear visitor identification and easy operation control. The JP Series shall be installed at a maximum of 4 door locations and connected to a maximum of 8 inside locations with internal communication between stations. Connection to and integration of CCTV cameras for surveillance capabilities shall be available.
 - 1. The system shall be hard wired and constructed with a 2-wire communication system for the door stations and a Cat5e/6 communication system for the video locations system.
 - 2. Hearing Assistance: Provide T-Coil connection for hearing aids.
- B. Functional Components: As indicated on the drawings or as required to complete system.
 - 1. Master Station.
 - a. JP-4MED: Hands-free/Handset color video intercom master station located at the reception area.
 - 2. Sub Master Station:
 - a. JP-4HD: Hands-free/Handset color video intercom sub master station located at the kitchen office
 - 3. Video gate Station: located at every vehicle gate location and the pedestrian gate location
 - a. JP-DVF-RP10: PanTilt & Zoom vandal-resistant video door station, card access, flush mount. Include surface mount box #SBX-IDVFRA
 - 4. Long Distance/CCTV Adaptor:
 - a. JPW-BA: Long distance/CCTV adaptor located at every vehicle gate location and the pedestrian gate location
 - 5. Distribution Adaptor:
 - a. JP-8Z: Distribution adaptor include as required
 - 6. Power Supply:

- a. PS-2420UL: 24V DC Power supply, include as required.
 - 7. Call Extension Speaker:
 - a. IER-2: Call extension speaker, include as required
 - 8. External Devices: Include at every vehicle gate location and the pedestrian gate location
 - a. RY-3DL: Multiple door release adaptor.
 - b. AC-10S: Access control keypad, surface mount, weather proof.
 - c. MKW-P: 1-gang mounting plate
 - d. RY-ES: External signaling relay
 - e. RY-24L: Form C Door Release Relay, 24V DC Input
- C. System Design: Unless noted otherwise on drawings provide system layout as follows. Three wiring methods are possible; Station-to-Station, Centralized Wiring, or Combined Wiring, where both methods are employed in the same system.
- 1. Provide Station-to-Station Wiring: Directly connect a master station to a sub master station.
 - a. Maximum distance of farthest sub master from master station: 980 feet (300 m), cumulative.
 - b. Maximum distance between sub master stations in station-to-station wiring: 98 feet (30 m) when 3 stations are powered off 1 power supply, or 165 feet (50 m) when 2 stations powered off of 1 power supply.
 - 2. Provide Centralized Wiring: Connect master stations, and sub master stations to a central wiring adaptor.
 - a. Maximum distance of farthest sub master from distribution adaptor (JP-8Z): 165 feet (50 m).
 - b. Maximum distance of master from distribution adaptor (JP-8Z): 650 feet (200 m).
 - c. Maximum cumulative distance of master and sub masters from distribution adaptor (JP-8Z): 980 feet (300m).
 - 3. Provide Combined Wiring: Connect a system using both station-to-station and centralized wiring to meet the requirements of the project.
 - a. Maximum distance between sub master stations in station-to-station wiring: 98 feet (30 m) when 3 stations are powered off 1 power supply, or 165 feet (50 m) when 2 stations powered off of 1 power supply.
 - b. Maximum distance of sub masters from distribution adaptor (JP-8Z): 165 feet (50 m).
 - 4. Provide Expanded Performance:
 - a. The wiring distance between the door and master stations by using the JPW-BA adaptor shall be a maximum distance of 980 feet (300 m).
 - b. Connect CCTV and Audio Door Station: Provide security camera connection using the JPW-BA adaptor. Provide for two way communication as indicated or scheduled with a GT-D audio device.
 - c. Alarm Inputs: The master station and all sub master stations shall send out an alarm notification when the sensor is triggered. Provide door/window contacts, water sensors, and PERS devices as indicated or scheduled.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Submit the following:
 - 1. Wiring Diagrams: Indicate wiring for each item of equipment and interconnections between items of equipment.

2. Include manufacturer's names, model numbers, ratings, power requirements, equipment layout, device arrangement, complete wiring point-to-point diagrams, and conduit layouts.
- D. Installation and Operation Manuals:
 1. Submit manufacturer's installation and operation manual, including operation instructions and component wiring diagrams.
 2. Provide detailed information required for Owner to properly operate equipment.
- E. Warranty: Submit manufacturer's standard warranty.
- F. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- G. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: ISO 9001:2008 certified company.
- B. Installer Qualifications: Factory trained and experienced with system installations of scope and size required for the Project.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 1. Finish areas designated by Architect.
 2. Do not proceed with remaining work until workmanship is approved by Architect.
 3. Refinish mock-up area as required to produce acceptable work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Aiphone Corp., which is located at: 6670 185th Ave. NE; Redmond, WA 98052 ; Toll Free Tel: 800-692-0200; Tel: 425-455-0510; Fax: 425-455-0071; Email: [request info \(marketing@aiphone.com\)](mailto:request_info(marketing@aiphone.com)); Web: www.aiphone.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 HANDS-FREE/HANDSET COLOR VIDEO INTERCOM SYSTEM

- A. Color Video Intercom System: JP Series Intercom System as manufactured by Aiphone Corporation.

- B. Room Master Station: JP-4MED 7 inches (180 mm) Digital PTZ Video Master Station with Memory.
 - 1. The JP Series shall accommodate up to 4 Door Stations and 8 Master Stations in a single system.
 - 2. Provide icon driven One Touch Hands Free operation. Touch the screen to communicate with visitors using the built-in microphone and speaker or use the handset at any time during conversation for privacy.
 - 3. Operation: From Master Station. Provide the following.
 - a. Room Call: Touch screen icon to call a single sub master station or all sub master stations simultaneously.
 - b. Play: Touch screen icon to play recorded images from door stations.
 - c. Settings: Touch screen icon to program settings and adjustments.
 - d. Security: Touch screen icon to activate the security mode or to change security settings.
 - e. Monitor: Touch screen icon to monitor a door station or sub master station.
 - f. Option: Touch screen icon to activate the connected external device(s).
 - 4. Available Functions During Monitoring: Provide the following.
 - a. Pan-Tilt-Zoom/Wide camera control.
 - b. When monitoring is started, an image shall be shown in wide mode. Pan & Tilt and adjusting images shall be possible from the Master Station.
 - c. Door release shall be possible from the Master Station.
 - d. Volume control shall be possible from the Master Station.
 - e. Manual recording shall be possible from the Master Station.
 - f. If a CCTV camera is connected instead of a video door station at entrance, provide audio monitoring and communication via the GT-D.
 - 5. Physical Characteristics:
 - a. Power supply: DC 24V (from power supply).
 - b. Current Consumption: 390 mA.
 - c. Communication: Handset - Simultaneous communication.
 - d. Communication: Hands-free - Auto-voice actuation.
 - e. Ambient Temperature 32 degree F to 104 degree F (0 to 40 degrees C).
 - f. Monitor: 7 inches (180 mm) color LCD monitor.
 - g. Mounting: Wall mount.
 - h. Electrical box: 3-gang box
 - i. Material: Flame resistant ABS resin.
 - j. Color: White.
 - k. Dimensions: 5-11/16 inches H x 10-1/16 inches W x 1-7/8 inches D (145 mm by 255 mm by 48 mm).
 - l. Weight: Approx. 1.74 lbs (790 g).

- C. Room Station (Sub Master Station): JP-4HD.
 - 1. Provide icon driven One Touch Hands Free operation. Touch the screen to communicate using the built-in microphone and speaker or use the handset at any time during conversation for privacy.
 - 2. Physical Characteristics:
 - a. Power supply: DC 24V (from power supply).
 - b. Current Consumption: 200 mA.
 - c. Communication: Handset - Simultaneous communication.
 - d. Communication: Hands-free - Auto-voice actuation.
 - e. Ambient Temperature: 32 degree F to 104 degrees F (0 to 40 degrees C).
 - f. Monitor: 7 inch color LCD monitor.
 - g. Electrical box: 3-gang box.
 - h. Material: Flame resistant ABS resin.
 - i. Color: White.
 - j. Dimensions: 5-11/16 inches H x 10-1/16 inches W x 1-7/8 inches D (145 mm

- by 255 mm by 48 mm).
 - k. Weight: Approx. 1.74 lbs (790 g).
 - 3. The JP-4MED shall automatically record images. Recording starts approximately 2 seconds after receiving a call.
 - 4. 170 degree wide angle and 100 degree vertical angle camera to minimize blind spots, ensuring a clear view of the door station area.
 - 5. Zoom for Clarity/ Pantilt for Control:
 - a. Video door stations feature a wide angle camera to observe more activity behind the door. In addition, digital PanTilt and Zoom can focus on an area for greater detail.
 - b. Oversized buttons and intuitive icons allow for quick navigation and control. Conventional push buttons shall not be permitted.
 - c. Equipped with an advanced light adjustment feature to compensate for varying light levels. If a picture is too dark, increase of the brightness level at the door station shall be controlled at the master station.
 - 6. Record Images of Visitors:
 - a. After a call is placed, the JP Series records 6 images per call to internal memory.
 - b. Provide an SD / SDHC card (not included) as the primary storage location, with which recording frequency increases to 4 pictures per second for up to 10 seconds per call.
 - c. Provide documentation of outside disturbances by manually recording them at any time.
 - 7. Physical Characteristics:
 - a. Operating Temperature: 14 degrees F to 140 degrees F (-10 to 60 degrees C).
 - b. Dimensions:
 - 1) JP-DA 5-1/8 inches x 3-7/8 inches x 1-9/16 inches (131 x 99 x 40 mm).
 - 2) JP-DV 6-13/16 inches x 3-7/8 inches x 1 inch (173 x 98 x 25 mm).
 - 3) JP-DVF 8-1/4 inches x 5-5/16 inches x 7/32 inch (209 x 135 x 5.5 mm).
 - 4) JP-DVF back box 7-3/32 inches x 4-3/8 inches x 1-25/32 inches (180 x 110 x 45 mm)
 - c. Power Supply: DC 24V (from master station).
 - d. Current Consumption: 90 mA.
 - e. Mounting:
 - 1) JP-DA: Surface mount to 2x4 electrical box.
 - 2) JP-DV: Surface mount direct to surface.
 - 3) JP-DVF: Flush mount with included back box.
 - f. Weight:
 - 1) JP-DA: 0.46 lbs (210g).
 - 2) JP-DV: 1.3 lbs (550g).
 - 3) JP-DVF: 1.2 lbs (550g).
 - 4) Back Box: 0.95 lbs (430g).
- D. Power Supply: PS-2420UL, 24V DC Power supply.
- E. Call Extension Speaker: IER-2, Call extension speaker
- F. External Devices:
 - 1. RY-3DL: Multiple (3) door release adaptor.
 - 2. AC-10S: Access control keypad, surface mount.
 - 3. JP-DV+ AC-10S: PanTilt & Zoom vandal-resistant video door station. Surface mounted with access control keypad.
- G. Long Distance Adaptor: JPW-BA.
 - 1. Power Supply: DC 24V (from power supply)
 - 2. Current Consumption: 90 mA
 - 3. Operating Temperature: 32 degree F to 104 degrees F (0 to 40 degrees C).

4. Mounting: Wall-mount
 5. Weight: Approx. 7 oz (200 g).
- H. Distribution Adaptor: JP-8Z.
1. Power Supply: DC 24V (from power supply)
 2. Current Consumption: 90 mA
 3. Operating Temperature: 32 degree F to 104 degrees F (0 to 40 degrees C).
 4. Mounting: Wall-mount.
 5. Weight: Approx. 7.5 oz (210 g).

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive integrated security and communication system.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin installation until unacceptable conditions are corrected.

3.2 PREPARATION

- A. Verify the following compliance before starting installation.
 1. All units, except for the entrance station and tenant door station, are designed for indoor use only. Do not use outdoors.
 2. The unit turns inoperative during power failure.
 3. In areas where broadcasting station antennas are close by, intercom system may be affected by radio frequency interference.
 4. Keep the intercom wires at least 1 foot (30 cm) away from strong electrical wiring (AC 100-240 V) including, in particular, wiring for inverter electrical appliances. Noise and malfunction could result.
 5. Keep the unit more than 3.3 feet (1 m) away from radio or TV set.
 6. If a strong light shines on the main unit screen, the picture may turn white or only silhouettes will be visible.
 7. Other manufacturer's devices (such as sensor, detectors, door releases) used with this system, comply with the manufacturer's installation requirements.
 8. The LCD panel is manufactured with very high precision techniques, inevitably will have a very small portion of its picture elements always lit or not lit at all. This is not considered a unit malfunction. Please be aware of this in advance.

3.3 INSTALLATION

- A. Install integrated security and communication system in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Mount equipment plumb, level, square, and secure. For video entrance stations and video door stations, comply with manufacturer's design requirements to provide optimum picture quality of station monitoring.

3.4 SET-UP AND ADJUSTING

- A. Adjust integrated security and communication system for proper operation in accordance with manufacturer's instructions.

3.5 DEMONSTRATION AND TRAINING

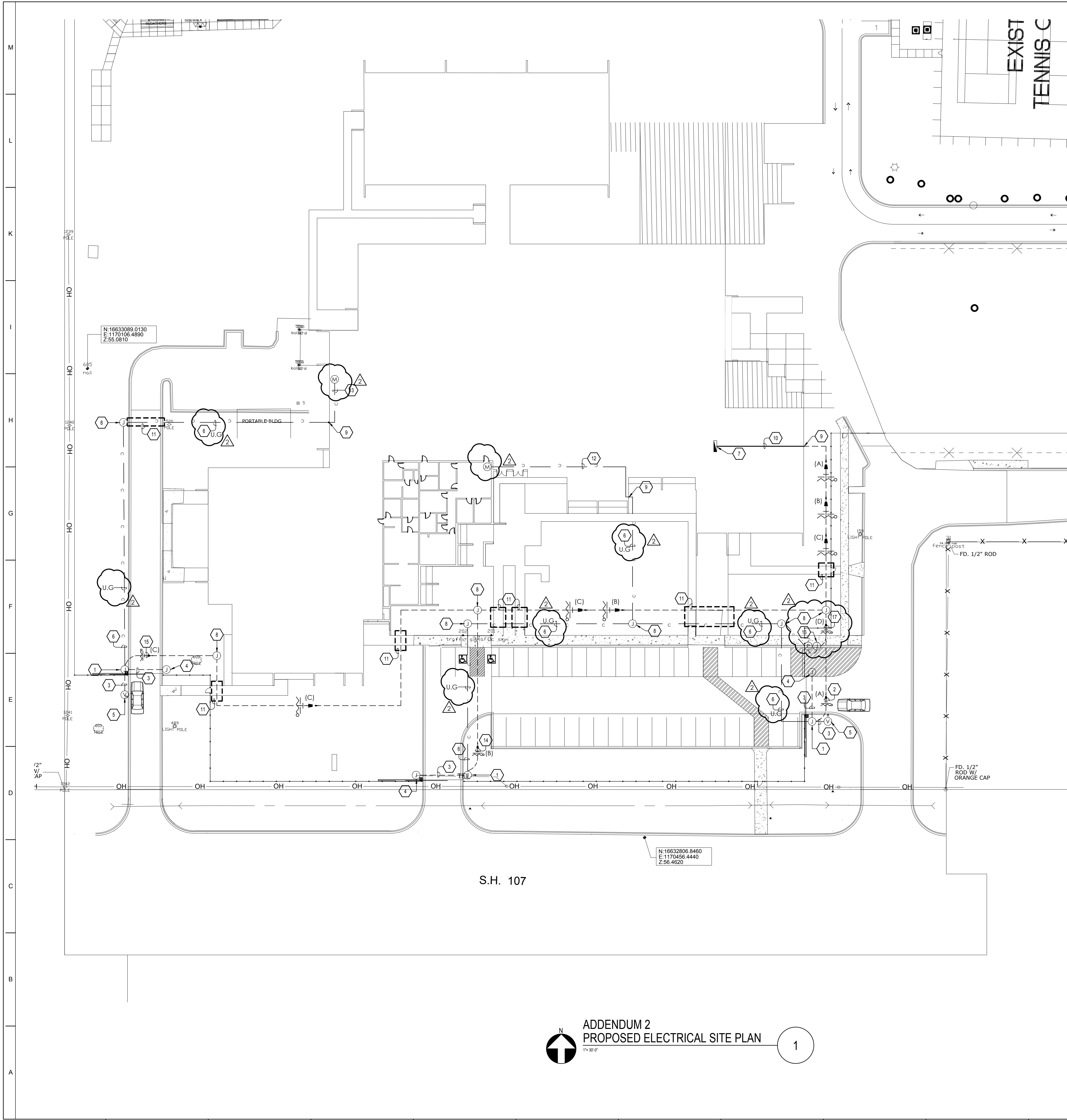
- A. Demonstration:
 1. Demonstrate that integrated security and communication system functions properly.
 2. Perform demonstration at final system inspection by qualified representative of manufacturer.

- B. Instruction and Training:
 - 1. Provide instruction and training of Owner's personnel as required for operation of integrated security and communication system.
 - 2. Provide hands-on demonstration of operation of system components and complete system, including user-level program changes and functions.
 - 3. Provide instruction and training by qualified representative of manufacturer.

3.6 PROTECTION

- A. Protect installed integrated security and communication system from damage during construction.

END OF SECTION



GENERAL ELECTRICAL NOTES (TO ALL SHEETS)

- A. CONTRACTOR TO VERIFY ALL EXISTING MAIN POWER SERVICES AND COORDINATE WITH POWER COMPANY FOR ALL NEW REQUIREMENTS AND ALL COST ASSOCIATED. CONTRACTOR SHALL INCLUDE ANY COST FOR THE NEW TRANSFORMER AND OTHER ASSOCIATED FEES IN BID. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL FEES WITH POWER COMPANY AND TO INCLUDE IN BID. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH POWER COMPANY AS SOON THE CONTRACT IS AWARDED TO ORDER TRANSFORMER AND THE RELATED ELECTRICAL SERVICE EQUIPMENT AS SOON AS POSSIBLE.
- B. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, TRENCHING AND BACKFILLING. COORDINATE WITH ALL UTILITIES PRIOR TO EXCAVATION.
- C. CONTRACTOR TO VERIFY ALL EXISTING MAIN TELEPHONE SERVICES AND COORDINATE WITH TELEPHONE COMPANY FOR ALL REQUIREMENTS AND ALL COST ASSOCIATED. INCLUDE ALL COST IN BID. CONDUIT FROM MAIN TELEPHONE RISER SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- D. ALL ELECTRICAL EQUIPMENT OUTDOORS SHALL BE RATED TYPE NEMA 3R UNLESS OTHERWISE NOTED.
- E. CONTRACTOR SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES. ALL WORK SHALL CONFORM TO NATIONAL ELECTRICAL CODES AND ALL OTHER AUTHORITY HAVING JURISDICTION. OBTAIN PERMITS AND PAY ALL FEES. PERFORM MODIFICATIONS TO MEET CODE AND ORDINANCE REQUIREMENTS AT NO ADDITIONAL COST TO OWNER, ARCHITECT OR ENGINEER. VERIFY PRIOR TO BID DATE.
- F. VERIFY AT JOB SITE THE EXACT LOCATIONS OF STRUCTURAL MEMBERS SUCH AS BEAMS, COLUMNS, ETC. TO LOCATE EQUIPMENT CONDUIT, PANELS AND DEVICES. IF DEVIATIONS FROM THE DRAWING ARE NECESSARY TO MEET STRUCTURAL CONDITIONS MAKE DEVIATIONS WITHOUT ADDITIONAL COST, TO OWNER, ARCHITECT, OR ENGINEER.
- G. IN COOPERATION WITH OTHER CONTRACTORS, DETERMINE THE EXACT LOCATION OF EQUIPMENT AND DEVICES AND CONNECTIONS THERETO BY REFERENCE TO THE SUBMITTALS AND ROUGH-IN DRAWINGS, AND BY MEASUREMENTS AT THE SITE. REFER TO ALL OTHER TRADES SUBMITTAL FOR ELECTRICAL INFORMATION.
- H. GROUND ENTIRE ELECTRICAL SYSTEM IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- I. VERIFY AT JOB SITE GENERAL WORK TO BE DONE AS SPECIFIED, AS NOTED, OR AS REQUIRED FOR INSTALLATION ELECTRICAL SYSTEMS PRIOR TO SUBMISSION OF BIDS.
- J. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND EQUIPMENT TO BE REMOVED AND REPLACED BEFORE SUBMITTING HIS BID.
- K. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SMALL SCALE ONLY. THEY CONVEY THE INTENT OF THE WORK BUT DO NOT SHOW DETAIL SUCH AS JUNCTION AND PULL BOXES REQUIRED BY THE SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE(NEC). PROVIDE ALL MATERIALS AND METHODS CALLED FOR IN THE SPECIFICATIONS AND AS REQUIRED IN THE NEC TO PROVIDE A COMPLETE INSTALLATION OF ALL WORK.
- L. ALL WIRING SHALL BE COPPER.
- M. ALL SLEEVES, PENETRATIONS, ETC. SHALL BE SEALED SOLID NON-SHRINKING MATERIAL IMMEDIATELY UPON FILLING OF THE OPENING WITH PIPE OR CONDUIT.
- N. ARRANGE FOR SOURCES OF TEMPORARY CONSTRUCTION SERVICES. SUCH SERVICES SHALL BE NOMINALLY 120/240V, 1-PHASE, 3-WIRE FROM WHICH A COMPLETE SYSTEM OF TEMPORARY POWER AND LIGHTING SHALL BE PROVIDED FOR ALL CONSTRUCTION NEEDS.
- O. CONTRACTOR IS RESPONSIBLE TO VERIFY AND COORDINATE WITH EXISTING/NEW UNDERGROUND UTILITIES PRIOR TO ANY WORK.
- P. CONTRACTOR IS RESPONSIBLE CALL DIG-TESS: 1-800-DIG-TESS 2-BUSINESS DAYS IN ADVANCE.

KEYED NOTES: ELECTRICAL

- 1 J-BOX FOR GATE MOTOR, FIELD COORDINATE EXACT LOCATION.
- 2 GATE MOTOR CIRCUIT (A), ROUTE TO EXISTING PANELBOARD "TH" LOCATION. PROVIDE 1-20AMP 1-POLE BREAKER. CIRCUIT WIRING SHALL BE 2#6, 1#10G, 1" C.
- 3 PROVIDE (1) 1" CONDUIT FOR GATE CONTROLS. FIELD COORDINATE EXACT LOCATION.
- 4 J-BOX FOR GATE CONTROLS. FIELD COORDINATE EXACT LOCATION.
- 5 J-BOX FOR PEDESTAL GATE CONTROLS. FIELD COORDINATE EXACT LOCATION.
- 6 PROVIDE (2) 2" CONDUITS WITH PULLSTRING. FIELD COORDINATE EXACT LOCATION.
- 7 APPROXIMATE LOCATION OF EXISTING ELECTRICAL PANELBOARD "TH", 120/240V, 1P, 3W, 200AMPS. FIELD VERIFY EXACT LOCATION.
- 8 PROVIDE IN-GRADE PULLBOX. FIELD VERIFY EXISTING CONDITIONS PRIOR TO ANY WORK.
- 9 STUB-UP INTO THIS LOCATION. CORE DRILL EXISTING WALL INTO THE SPACE. SEAL CONDUIT OPENING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO ANY WORK.
- 10 ROUTE CONDUIT ABOVE CEILING LEVEL TO ELECTRICAL PANELBOARD "TH". FIELD VERIFY EXISTING CONDITIONS PRIOR TO ANY WORK.
- 11 SAW CUT EXISTING SURFACE AND PATCH TO MATCH EXISTING. CONTRACTOR TO FIELD IDENTIFY EXISTING CONDITIONS PRIOR TO ANY WORK.
- 12 ROUTE CONDUIT ABOVE CEILING LEVEL TO RECEPTION AREA. FIELD VERIFY EXISTING CONDITIONS PRIOR TO ANY WORK.
- 13 ROUTE CONDUIT ABOVE CEILING LEVEL TO KITCHEN AREA. FIELD VERIFY EXISTING CONDITIONS PRIOR TO ANY WORK.
- 14 GATE MOTOR CIRCUIT (B), ROUTE TO EXISTING PANELBOARD "TH" LOCATION. PROVIDE 1-20AMP 1-POLE BREAKER. CIRCUIT WIRING SHALL BE 2#4, 1#8G, 1.5" C.
- 15 GATE MOTOR CIRCUIT (C), ROUTE TO EXISTING PANELBOARD "TH" LOCATION. PROVIDE 1-20AMP 1-POLE BREAKER. CIRCUIT WIRING SHALL BE 2#3, 1#8G, 2" C.
- 16 J-BOX FOR PEDESTRIAN GATE POWER. FIELD COORDINATE EXACT LOCATION.
- 17 GATE MOTOR CIRCUIT (D), ROUTE TO EXISTING PANELBOARD "TH" LOCATION. PROVIDE 1-20AMP 1-POLE BREAKER. CIRCUIT WIRING SHALL BE 2#6, 1#10G, 1" C.


LINETYPE LEGEND

— c — (2-2" C)

LEGEND

| | | |
|---|------------------------|---------------------------|
| P | PEDESTRIAN GATE ACCESS | MFR. AIPHONE #JP-DVF-RP10 |
| V | VEHICLE GATE ACCESS | MFR. AIPHONE #JP-DVF-RP10 |
| M | MASTER STATION | MFR. AIPHONE #JP SERIES |

NOTES:
A.) CONTRACTOR SHALL PROVIDE WIRING 2#16 AWG, LISTED FOR UNDERGROUND USE.
B.) INCLUDE MOUNTING POST FOR EACH VEHICLE GATE, MFR. DOOR KING #1200-045. INCLUDE ALL LABOR AND MATERIALS FOR COMPLETE INSTALLATION.
C.) INCLUDE MOUNTING POST FOR PEDESTRIAN GATE, MFR. DOOR KING #1200-050. INCLUDE ALL LABOR AND MATERIAL FOR COMPLETE INSTALLATION.
D.) INCLUDE ALL SOFTWARE AS REQUIRED.



Rike • O'gden • Figueroa • Alex

McAllen
1007 Walnut Ave.
McAllen, Texas 78501
V. 956.686.7771
F. 956.687.3433
www.rofainc.com

McAllen Harlingen
COPYRIGHT ROFA ARCHITECTS 2017

CONSULTANTS:

3-15-19
3-14-19
3-14-19

ADDENDUM #2
ADDENDUM #1
NO. DATE DESCRIPTION

TEXAS

**LA VILLA HIGH SCHOOL & ELEMENTARY SCHOOL
SITE IMPROVEMENTS
FOR
LA VILLA INDEPENDENT SCHOOL DISTRICT
LA VILLA,**

PROJECT NO: 2018.14

DATE: _____


STARTING DATE: 09.07.18

CK BY: _____ DWN BY: _____

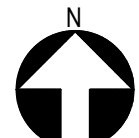
ALTERNATE NO.1
ELECTRICAL SITE PLAN

AES2.1

03/15/19



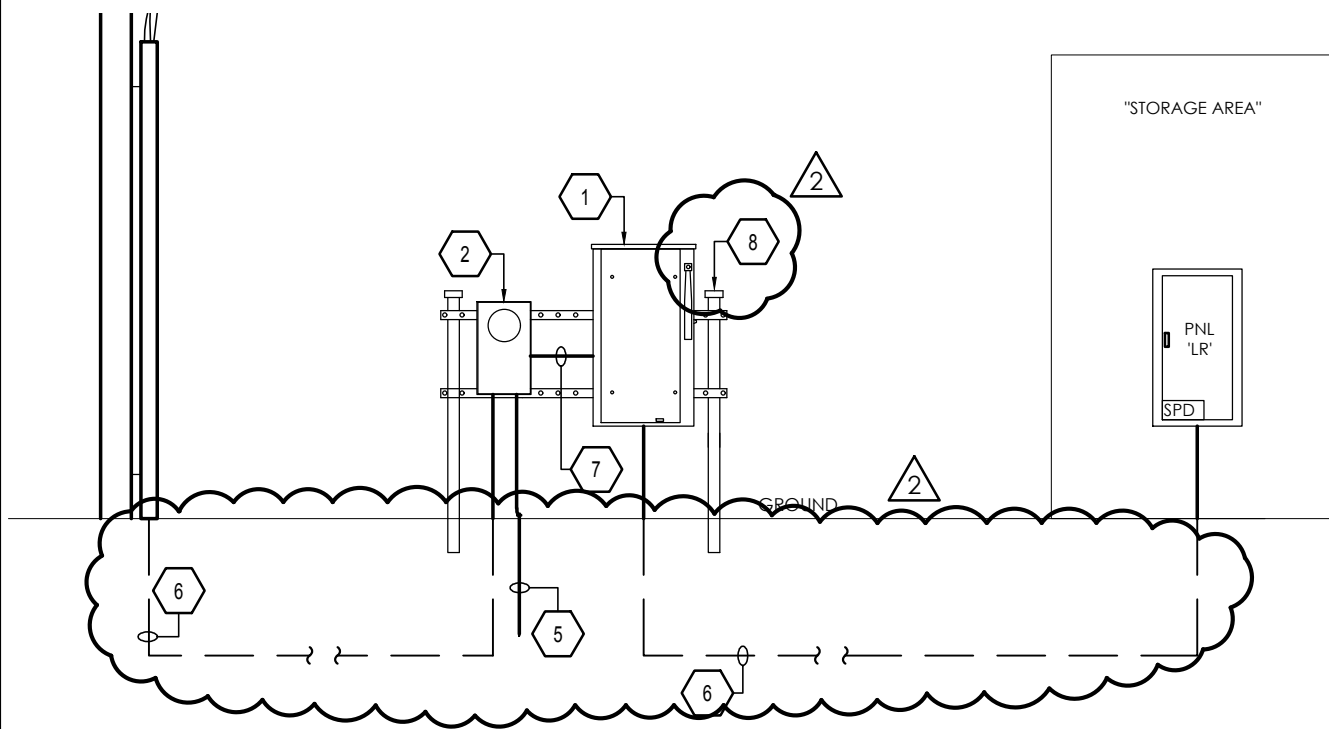
TRINITY
MEP ENGINEERING
3533 Moreland Dr. Ste A 1 Westaco, TX 78596
p:956.973.0500 | f:956.951.5750
www.trinitymep.com | Copyright 2019
Texas Registered Engineering Firm - F10362
Project number: 19.1.3


**ADDENDUM 2
PROPOSED ELECTRICAL SITE PLAN**

1

ELECTRICAL RISER
DIAGRAM KEYED NOTES:

- 7 PROVIDE 1-RUN 3#3/0, 1#6G,2"C.
- 8 3"GALVANIZED PIPE WITH UNISTRUT STAND FOR ELECTRICAL SERVICE EQUIPMENT. COORDINATE WITH UTILITY COMPANY PRIOR TO ANY WORK.



1 ELECTRICAL SCHEMATIC DIAGRAM BUILDING A
SCALE: NTS

TRINITY

MEP ENGINEERING

3533 Moreland Dr. suite A Weslaco, Tx 78596
p:956.973.0500 | f:956-351-5750
www.trinitymep.com | Copyright 2019
Texas Registered Engineering Firm -F10362
Project number: 19.1.3



rise • expand • flourish • collect

NEW AGRICULTURAL BARN
FOR
LA VILLA INDEPENDENT SCHOOL DISTRICT

LA VILLA

TEXAS

ADDENDUM

PROJECT NO.
DRAWN BY
DATE 3/15/2019

PAGE No.

AE4.1

OF _____