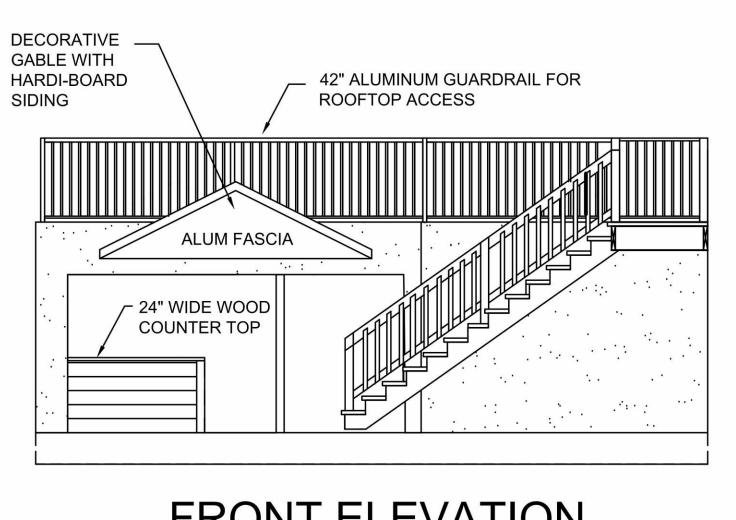


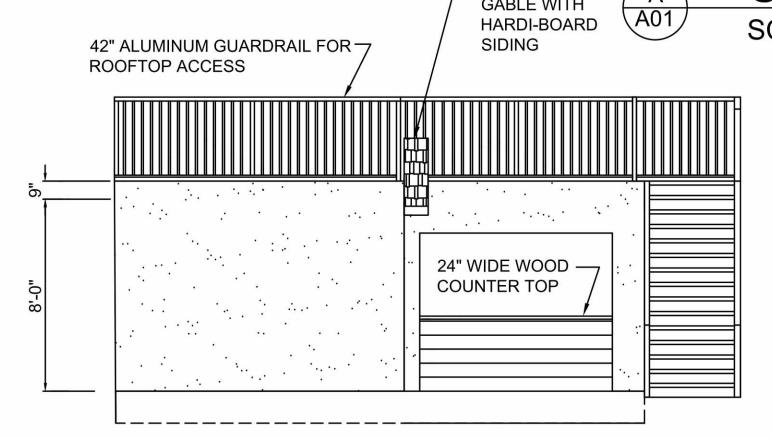
Code.

CONSTRUCTION



FRONT ELEVATION

SCALE: $\frac{1}{4}$ " = 1'-0"



LEFT SIDE ELEVATION

SCALE: $\frac{1}{4}$ " = 1'-0"

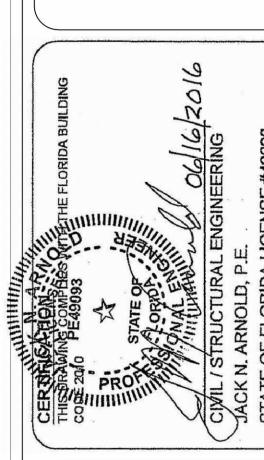
RIGHT SIDE ELEVATION

SCALE: $\frac{1}{4}$ " = 1'-0"

REAR ELEVATION SCALE: $\frac{1}{4}$ " = 1'-0"

GENERAL NOTES:

- 1. ALL WORK TO BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF BREVARD COUNTY BUILDING DEPARTMENT AND FIRE PREVENTION DIVISION.
- 2. ALL WORK TO CONFORM WITH LOCAL, STATE AND NATIONAL CODES
- 3. ALL WORK TO BE IN ACCORDANCE WITH ANY GOVERNMENTAL AUTHORITY HAVING JURISDICTION OVER
- 4. ALL WORK TO BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE LANDLORD OR OWNER.
- 5. CONTRACTOR TO SECURE ALL PERMITS, INSPECTIONS, ETC. INCLUDING CERTIFICATE OF OCCUPANCY.
- 6. MECHANICAL, ELECTRICAL AND PLUMBING SUBCONTRACTORS TO BE LICENSED IN THEIR RESPECTIVE
- 7. EACH SUBCONTRACTOR SHALL REPLACE AND / OR RESTORE ALL MATERIALS STORED OR INSTALLED ON THE SITE SUBJECT TO DAMAGE OR THEFT
- 8. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. IF A DISCREPENCY OCCURS,
- EACH CONTRACTOR IS EXPECTED TO REVIEW ALL CONTRACT DOCUMENTS AS IT RELATES TO YOUR WORK SCOPE OF WORK USING THE COMPLETE SET OF PLANS, SPECIFICATIONS AND ADDENDAS ISSUES AT THE
- 10. GENERAL CONTRACTOR TO REMOVE DEBRIS GENERATED BY THE CONSTRUCTION FROM THE SITE DAILY
- 11. GENERAL CONTRACTOR TO PROVIDE SHOP DRAWINGS, IF REQUIRED, TO ARCHITECT FOR APPROVAL PRIOR TO ANY FABRICATION.
- 12. GENERAL CONTRACTOR TO PROVIDE TEMPORARY SERVICES AND UTILITIES AS REQUIRED FOR THE COMPLETION OF THE PROJECT.
- 13. COPIES OF ALL NECESSARY PERMITS AND BUILDING DEPARTMENT APPROVED DRAWINGS AND DOCUMENTS, SHALL BE AVAILABLE ON PROJECT SITE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.



REVISIONS

erman elannoy

Stephan Prope of Florida Inc. 411 Magnolia /

DRAWN BY: J Marshall

CHECKED:

Jack Arnold

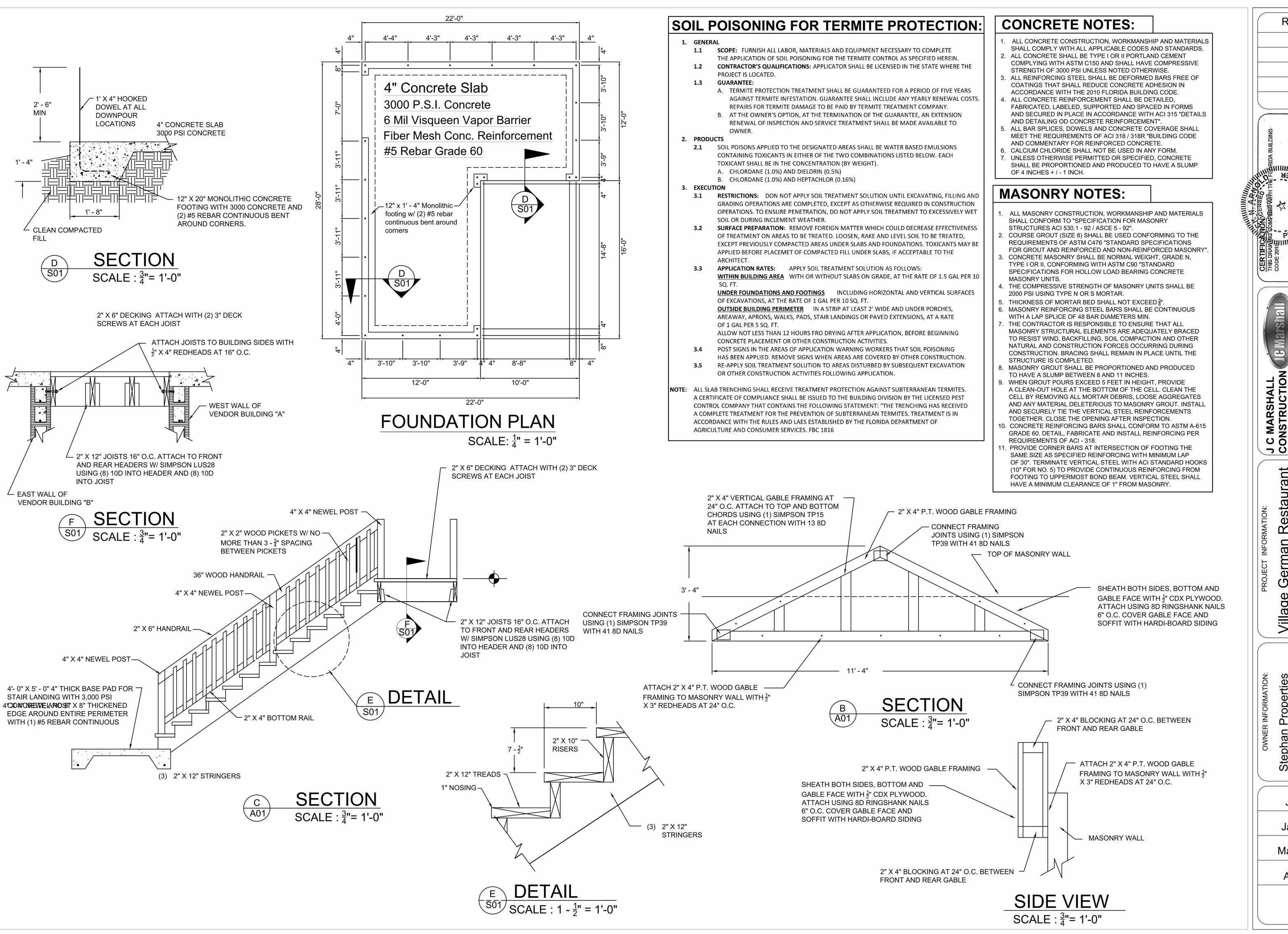
May 30 2016

SCALE: AS NOTED

All new construction shall comply with Chapter 16 of the 2014 Florida Building

C MARSHALL

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REVISIONS

DRAWING COMPIGES WITH THE FLERIDA BUILDING

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2160 Reynard Pl Merritt Island, FL Ph: 321-693-010

Village German Restau and Grill. Kiosk 2 415 Delannoy Avenue Cocoa, FL 32922

Stephan Properties of Florida Inc.
411 Magnolia Avenue Merritt Island, FL 32952

DRAWN BY:

J Marshall

CHECKED:

Jack Arnold

DATE: May 30 2016

SCALE:
AS NOTED

SHEET:

S01

ELECTRICAL GENERAL REQUIREMENTS:

- PROVIDE ALL LABOR, MATERIALS, EQIPMENT AND TOOLS TO PERFORM ALL WORK NECESSARY FOR THE COMPLETE EXECUTION OF THE ELECTRICAL WORK AS SHOWN
- ON THE DRAWINGS. PROVIDE WORK NOT SPECIFICALLY SHOWN OR SPECIFIED, YET REQUIRED TO INSURE PROPER AND COMPLETE OPERATIONS OF ALL SYSTEMS AND TO SATISFY THE DESIGN
- INTENT IN THE WORK AND TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT FURNISHED UNDER THE ELECTRICAL "CONTRACTORS" SCOPE OF WORK SHALL BE PERFORMED BY EXPERIENCED MECHANICS OF THE PROPER TRADE AND ALL WORKMANSHIP SHALL BE FIRST CLASS AND SHALL BE IN COMPLIANCE WITH THE SPECIFIC REQUIREMENTS OF THE CONTRACT DRAWINGS.
- ALL DISCREPENCIES ON DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID
- CONSTITUTES ACCEPTANCE OF FIELD CONDITIONS. ALL DIVISION 1 SPECIFICATIONS AND ARCHITECTURAL GENERAL AND SPECIFIC CONDITIONS
- OUTLINED IN THE CONTRACT DOCUMENTS SHALL APPLY TO ELECTRICAL SYSTEMS ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE
- FOLLOWING CODES AND STANDARDS:
 - FLORIDA BUILDING CODE (FBC)

GENERAL ELECTRIC

MAIN LUG ONLY (MLO)

PANEL:

MAIN:

EQUAL TO:

MIN. FEEDER:

- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NATIONAL ELECTRICAL CODE (NEC) NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
- UNDERWRITERS LABROTORIES (UL) ALL LOCAL CODES, ORDINANCES, REGULATIONS LOCAL POWER COMPANY STANDARDS THE AUTHORITY HAVING JURISDICTION

VGR KIOSK AND BAND SHELL PANEL

(2) 2/0 AL, (1) 1/0 AL NEU., (1) #4 CU GND

- 7. ALL MATERIALS PROVIDED BY THE CONTRACTOR SHALL BE NEW AND FREE OF DEFECTS AND SHALL BE UL LISTED FOR THE INTENDED APPLICATION.
- THE ELECTRICAL DRAWINGS ARE NOT TO BE SCALED. WHERE SPECIFIC DETAILS AND DIMENSIONS FOR ELECTRICAL WORK ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL TAKE MEASUREMENTS AND MAKE LAYOUTS AS REQUIRED FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK.
- 9. CONTRACTOR SHALL OBTAIN AND FURNISH ALL PERMITS, AND ARRANGE FOR ALL REQUIRED INSPECTIONS.
- 10. CONTRACTOR SHALL INSPECT SITE FOR FIELD VERIFICATION OF ALL ASPECTS OF THE PROJECT PRIOR TO BIDDING.
- 11. THE CONTRACT DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF CIRCUITS AND OUTLETS, LOCATION OF SWITCHES, PANELBOARDS, CONDUITS AND OTHER WORK. FIELD VERIFY ALL DIMENSIONSPRIOR TO INSTALLATION OF WORK
- 12. ALL DISCONNECT SWITCHES AND STARTERS FOR THE MECHANICAL EQUIPMENT SHALL BE SIZED AND PROVIDED BY THE ELECTRICAL CONTRACTOR AND INSTALLED AND CIRCUITED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. INSTALL SWITCHES IN ACCESSIBLE LOCATIONS. PRIOR TO INSTALLATION OF ANY ELECTRICAL WORK RELATED TO NEW HVAC CIRCUITS, THE ELECTRICAL CONTRACTOR SHALL REVIEW THE MECHANICAL
- SHOP DRAWINGS FOR ACTUAL CIRCUIT REQUIREMENTS. 13. THE ELECTRICAL CIRCUITS, COMPONENTS, AND CONTROLS ARE SELECTED AND SIZED FOR THE EQUIPMENT SPECIFIED AND OR SHOWN. IF SUBSTITUTIONS AND/OR EQUIVALENT EQUIPMENT ARE FURNISHED, IT SHALL BE THE RESPONSIBILITIES OF ALL PARTIES CONCERNED, INVOLVED IN AND FURNISHING THE SUBSTITUTE AND/OR EQUIVALENT EQUIPMENT TO VERIFY
- AND COMPARE THE ELECTRICAL CHARACTERISTICS OF THAT FURNISHED TO THAT SHOWN. 14. FIELD COORDINATE EXACT ELECTRICAL CONNECTION POINTS TO EQUIPMENT PRIOR TO
- 15. FIELD DETERMINE EXACT MOUNTING LOCATION OF DUCT MOUNTED SMOKE DETECTORS.
- INSTALL PER NFPA AND MANUFACTURERS WRITTEN INSTRUCTIONS
- ROUGH IN OF ELECTRICAL COMPONENTS.

SERVICE PHASE: 1

SINGLE PHASE / 3 WIRE

- COORDINATE MOUNTING LOCATIONS OF LIGHTING SWITCHES, F/A DEVICES, TV, DATA/TEL OUTLETS, AND RECEPTACLES WITH MILLWORK. PRIOR TO ROUGH-IN.
- 17. COORDINATE MOUNTING LOCATIONS OF RECEPTACLE AND TV AND DATA OUTLETS WITH OWNER REPRESENTATIVE PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL PLANS FOR WALL CONSTRUCTION TYPES.
- 18. PROVIDE A 120V RECEPTACLE AND SWITCHED LIGHTING OUTLET WITH LAMP WITHIN 3 FT. OF THE SERVICING SIDE OF ALL ELECTRICALLY OPERATED MECHANICAL EQUIPMENT INSTALLED
- IN ATTICS AND CRAWL SPACES. 19. THE CONTRACTOR SHALL PROVIDE ALL CHANNEL AND ANGLE SUPPORTING SYSTEMS, HANGERS, ANCHORS, SLEEVES, BRACKETS, FABRICATED ITEMS AND HARDWARE AS REQUIRED TO PROVIDE
- SECURE SUPPORT, PER NEC, FOR ALL ELECTRICAL COMPONENTS FROM THE BUILDING STRUCTURE. 20. SPECIFIED CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY ONLY, FIELD COORDINATE ACTUAL ROUTING OF CONDUITS.
- 21. PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED FOR ALL SUBS AND TO SUIT JOB CONDITIONS.
- 22. ALL MOUNTING HEIGHTS INDICATED ARE MEASURED FROM THE FINISHED FLOOR INSIDE, OR FINISHED GRADE OUTSIDE
- 23. WHERE CONCEALED BY INACCESSIBLE FINISHES, PROVIDE ACCESS DOORS TO ELECTRICAL JUNCTION AND PULL BOXES, CONTROL DEVICES, AND EQUIPMENT, DISCONNECT SWITCHES AND ALL OTHER ITEMS REQUIRING MAINTENANCE, ADJUSTING, OR SERVICE. COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND ALL AFFECTED TRADES.
- 24. PROVIDE FINAL CLEANUP AND CONDUCT FIELD TESTS AFTER INSTALLATION OF ALL ELECTRICAL WORK. ADJUST ITEMS TO THE SATISFACTION OF THE OWNER, ARCHITECT AND ENGINEER. LEAVE PANELBOARD INTERIOR CLEAN AND FREE FROM CONSTRUCTION DEBRIS. NEATLY DRESS ALL WIRING, AND RE-TIGHTEN ALL TERMINATIONS PER MANUFATURERS RECOMMENDATIONS.

- 25. MAINTAIN ON THE JOBSITE IN GOOD CONDITION, ONE SET OF UP TO DATE AS-BUILT 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 ORIGINAL DRAWINGS. PROVIDE A COPY OF THESE PLANS FOR THE OWNER.
- 26. PROVIDE A FULL ONE YEAR WARRANTY ON ALL ELECTRICAL LABOR AND MATERIALS INSTALLED ON THIS PROJECT, STARTING FROM THE ISSUANCE OF THE

OWNERS CERTIFICATE OF OCCUPANCY.

27. CONTRACTOR SHALL ADJUST WIRE SZES TO ACCOUNT FOR VOLTAGE DROPPED AS REQUIRED BY THE FLORIDA BUILDING CODE TO LIMIT VOLTAGE DROP ON FEEDERS TO MAXIMUM OF 2% AND BRANCH CIRCUITS TO 3%.

OAD CALCULATIONS			DEMAND	TOTAL DEMAND
	QUANTITY	WATTAGE	FACTOR	WATTAGE
0 V RECEPTACLES (# X 180VA; CIRCUIT = 8 DUPLEX PER CIRCUIT MAX)	3	180	NA	540
OSK 2 LIGHTING (FT. X USE WATTS X 125%)	456	3	125%	1,710
MERGENCY & EXIT LIGHTING (# FIXTURES X WATTS X 125%)	3	10	125%	38
AMP SUB PANEL KIOSK 1	1	3,600	NA	3,600
AMP SUB PANEL KIOSK 3	1	3,600	NA	3,600
AMP SUB PANEL KIOSK 4	1	3,600	NA	3,600
AMP SUB PANEL BAND SHELL	1	3,600	NA	3,600
EDICATED 220 CIRCUIT FOR AMPLIFIERS	4	1,000	NA	4,000
AGE LIGHTS	10	200	125%	2,500
		GRAND TOTAL DEMAND WATTAGE:		23,188
OF UNITS USING THIS CALCULATION:	1			
NGLE PHASE SERVICE AMPERAGE DEMAND PER UNIT (WATTAGE/12	0			193
RVICE PROVIDED FOR UNIT:				225

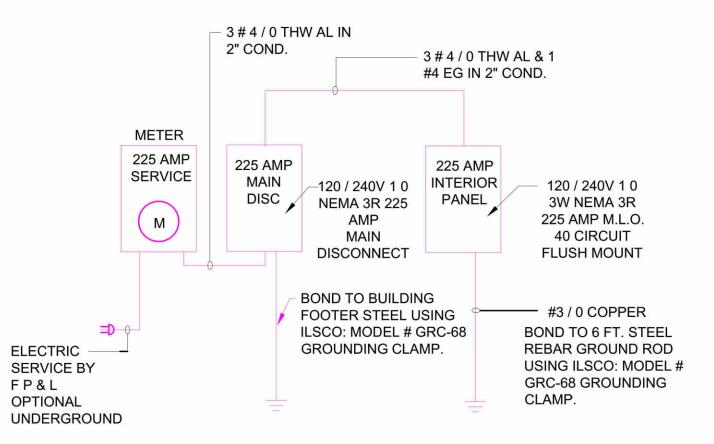
CIR. WIRE POLE BREAKER DESCRIPTION DESCRIPTION BREAKER POLE WIRE | CIR. 30 60 AMP SUB PANEL 60 AMP SUB PANEL 60 3 6 60 60 AMP SUB PANEL 30 30 **60 AMP SUB PANEL** 60 2 6 4 10 DEDICATED 220 AMPLIFIER OUTLET DEDICATED 220 AMPLIFIER OUTLET 10 5 2 30 4 | 4 | 30 6 7 10 2 30 DEDICATED 220 AMPLIFIER OUTLET DEDICATED 220 AMPLIFIER OUTLET 30 2 10 8 12 20 STAGE LIGHT STAGE LIGHT 20 12 9 10 11 12 1 20 STAGE LIGHT 2 2 STAGE LIGHT 20 1 12 12 13 12 20 STAGE LIGHT STAGE LIGHT 20 12 14 20 STAGE LIGHT 15 12 2 STAGE LIGHT 20 12 16 2 12 STAGE LIGHT STAGE LIGHT 20 12 17 20 18 19 12 20 120 V RECEPTACLES 1.5 | 120 V RECEPTACLES 20 12 20 **GENERAL LIGHTING** 21 12 20 120 V RECEPTACLES 20 12 22 1.5 1.5 20 EMERGENCY LIGHTING * * 23 12 1 1.5 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 40 37.5 KILO VOLT - AMPERES TOTAL 75 KILO VOLT - AMPERES TOTAL 71 * GREATEST NON-COINCIDENTAL LOAD 35.5 35.5 ** EMERGENCY / EXIT LIGHTING ON LOCAL 9.5 8 **KILO VOLT - AMPERES TOTAL** 17.5 CIRCUIT SHALL BE CONNECTED AHEAD OF **TOTAL KVA ANY LOCAL SWITCHES PER NEC 700-12-(E)** 163.5

VOLTAGE: 120 / 208

BUSS RATING: 225 AMPERES

AIC RATING: 10K

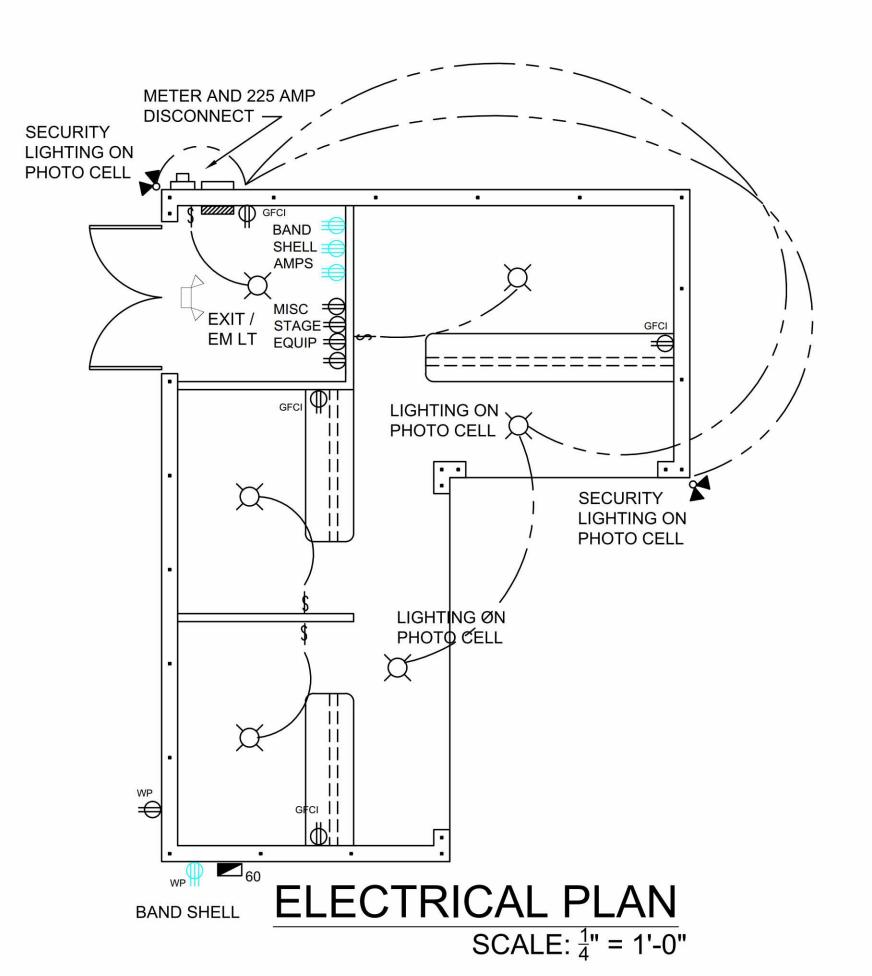
CONDUIT: 4"

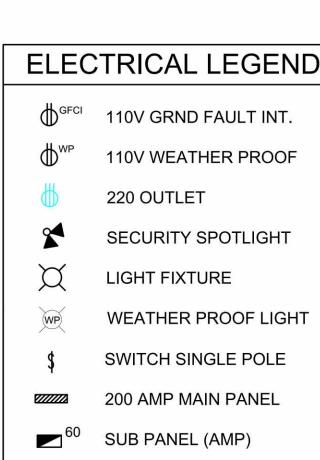


ELECTRICAL SERVICE RISER

NOTE: ALL ELECTRICAL MATERIALS & INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE N.E.C.

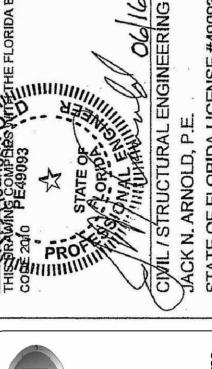
NTS





EXIT / EMER LIGHT

REVISIONS



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Φ Village Gen. and Grill. Kiosk 2 415 Delannoy Av ~a, FL 32922

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Stephan Properties of Florida Inc. 411 Magnolia Avenue Merritt Island, FL 32952

DRAWN BY: J Marshall CHECKED: Jack Arnold

DATE: May 30 2016 SCALE:

AS NOTED SHEET: