SHEET NUMBER

A-1



FRONT ELEVATION

SCALE : 1/4"= 1'

DESIGN PARAMETERS

APPLICABLE CODES:
BUILDING CODE= 2020 FLORIDA BUILDING CODE 7th EDITION
MECHANICAL CODE= FLORIDA BUILDING CODE, MECHANICAL 2020 7TH EDITION
PLUMBING CODE= FLORIDA BUILDING CODE, PLUMBING 2020 7TH EDITION
ELECTRICAL CODE= N.E.C. 2017
LIFE SAFETY CODE= 2020 FIRE PREVENTION CODE 7TH EDITION
ACCESSIBILITY CODE= FLORIDA BUILDING CODE, BUILDING 2020 7TH EDITION
ENERGY CODE= FLORIDA BUILDING CODE, BUILDING 2020 7TH EDITION

BASIC WIND SPEED:
☐ 170 MPH (3-SECOND GUST)= 132 MPH (FASTEST MILE)
☒ 160 MPH (3-SECOND GUST)= 124 MPH (FASTEST MILE)
☐ 150 MPH (3-SECOND GUST)= 116 MPH (FASTEST MILE)

IMPORTANCE FACTOR:
☐ 0.77 (BUILDING CATEGORY I)
☒ 1.00 (BUILDING CATEGORY II)
☐ 1.15 (BUILDING CATEGORY III)
☐ 1.15 (BUILDING CATEGORY IV)

BUILDING OCCUPANCY CLASSIFICATION:
☐ GROUP A - ASSEMBLY
☐ GROUP B - BUSINESS
☐ GROUP D - DAY CARE CENTER
☐ GROUP E - EDUCATIONAL
☐ GROUP F - FACTORY INDUSTRIAL
☐ GROUP H - HAZARDOUS
☐ GROUP I - INSTITUTIONAL
☐ GROUP M - MERCANTILE
☒ GROUP R3 - RESIDENTIAL
☐ GROUP S - STORAGE
☐ GROUP U - UTILITY/MISC.

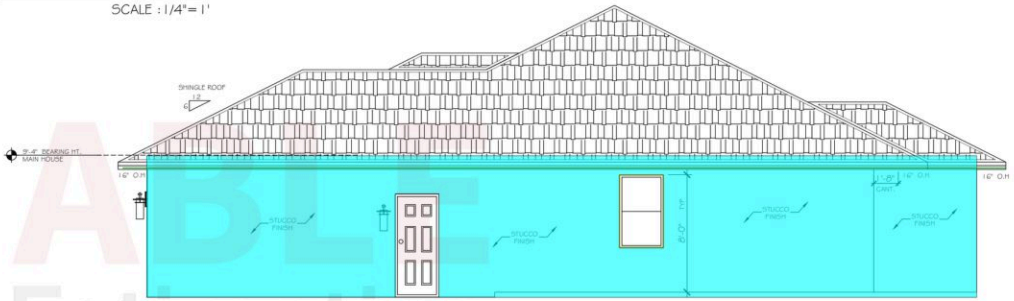
BUILDING CONSTRUCTION TYPE:
☐ TYPE I ☐ TYPE IV
☐ TYPE II ☒ TYPE V-B
☐ TYPE III

EXPOSURE CATAGORY:
☐ A ☒ C
☐ B ☐ D

WINDBORNE DEBRIS REGION:
☐ NO
☒ YES
☒ IMPACT RESISTANT GLAZING
☐ IMPACT RESISTANT COVERING
☐ COMBINATION OF IMPACT RESISTANT GLAZING / COVERING

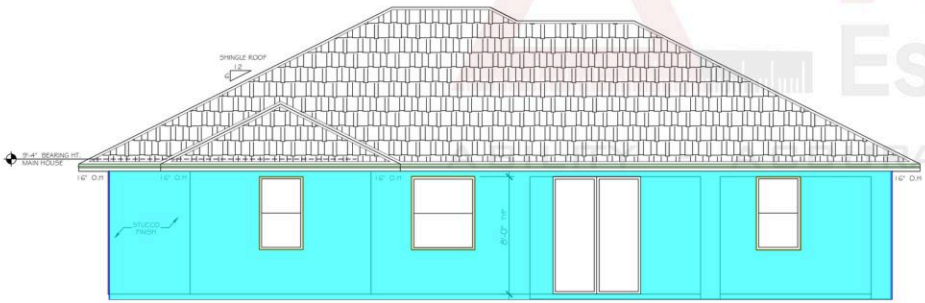
INTERNAL PRESSURE COEFFICIENTS:
☐ 0.00 (OPEN)
☒ + 0.18, -0.18 (ENCLOSED)
☐ + 0.55, -0.55 (PARTIALLY ENCLOSED)

NOTES:



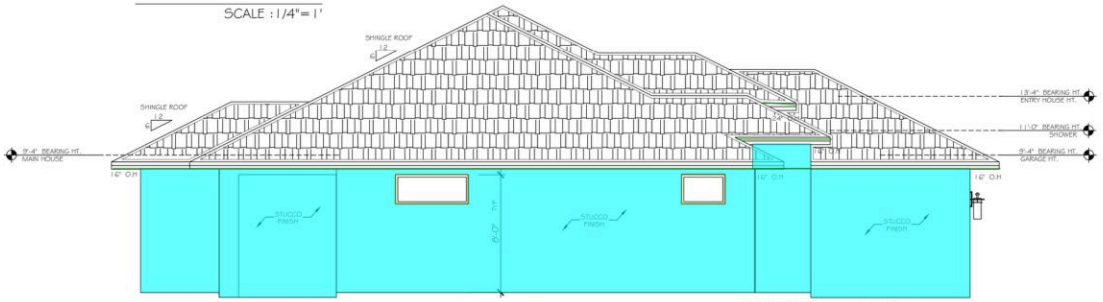
RIGHT ELEVATION

SCALE : 1/4"= 1'



REAR ELEVATION

SCALE : 1/4"= 1'



LEFT ELEVATION

SCALE : 1/4"= 1'

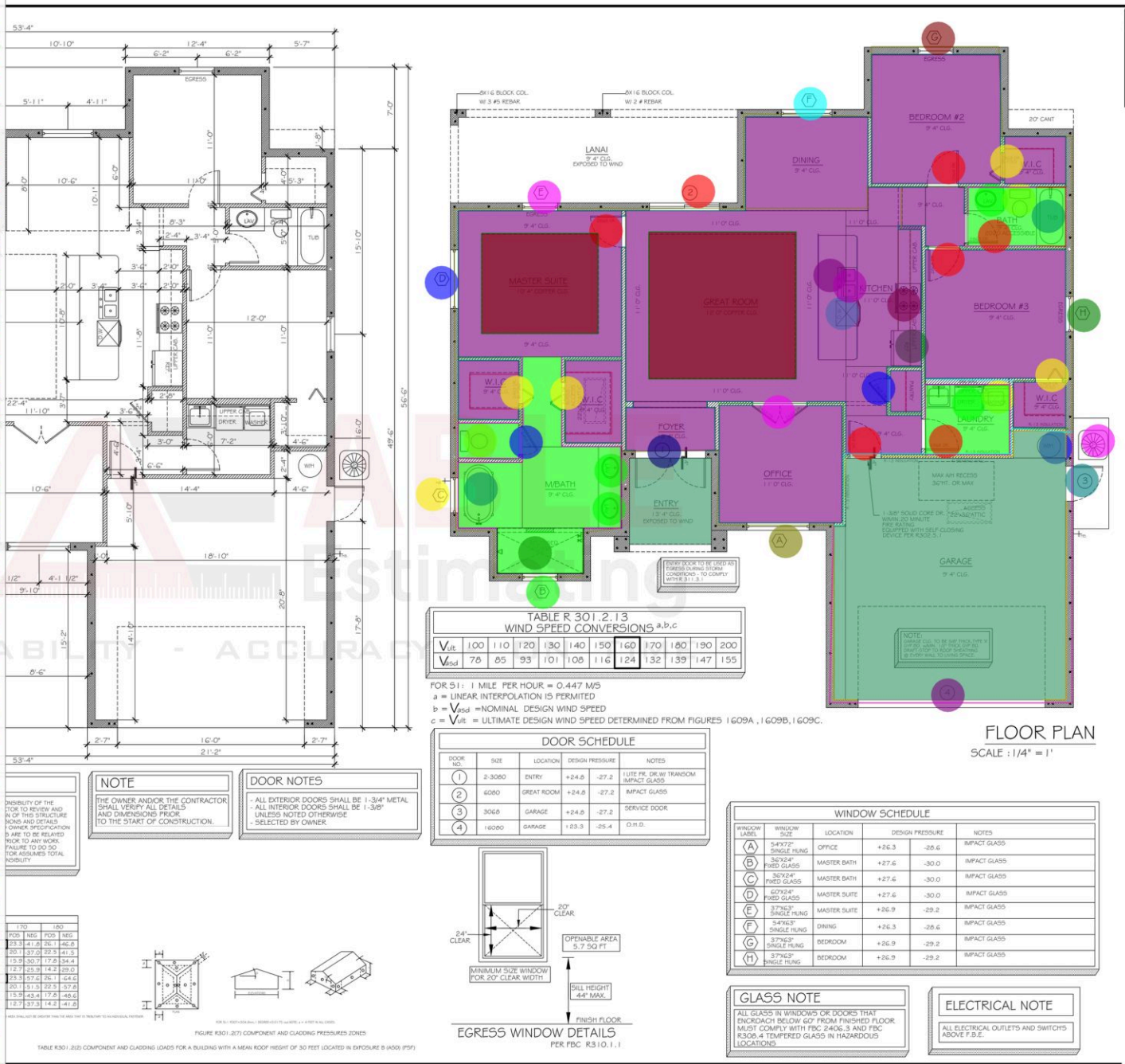
ROOF VENTILATION CALCULATION

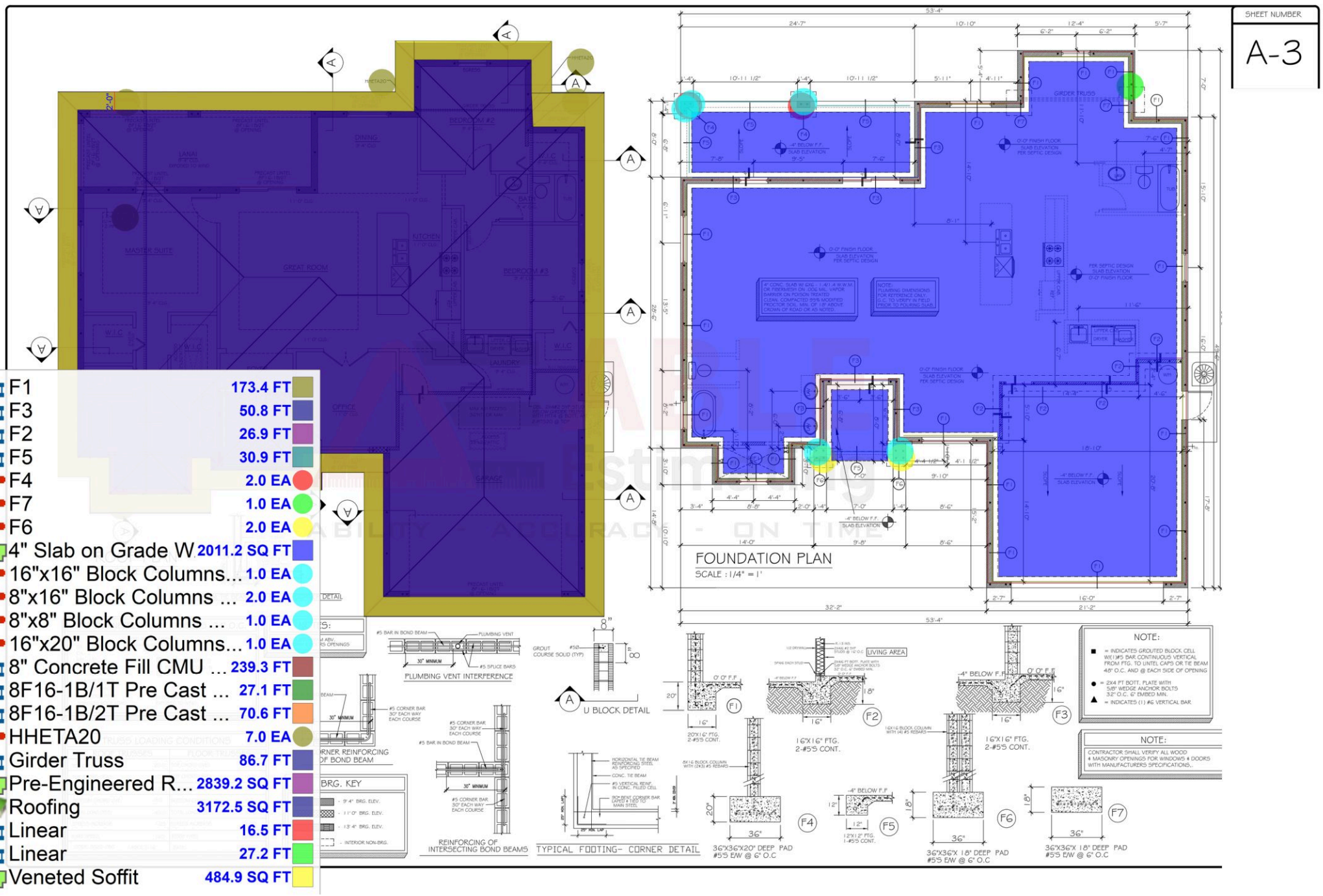
R806.2 MINIMUM VENT AREA	
THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE	
TOTAL SQUARE FOOTAGE UNDER ROOF	2,639 SQ. FT.

Stucco	1635.3 SQ FT
Stucco Decorative	9.1 SQ FT
Fascia Board	248.6 FT
Window trims	133.2 FT
DS	60.0 FT

Sample takeoff prepared by ABLE Estimating | ableestimating.com | Client details removed

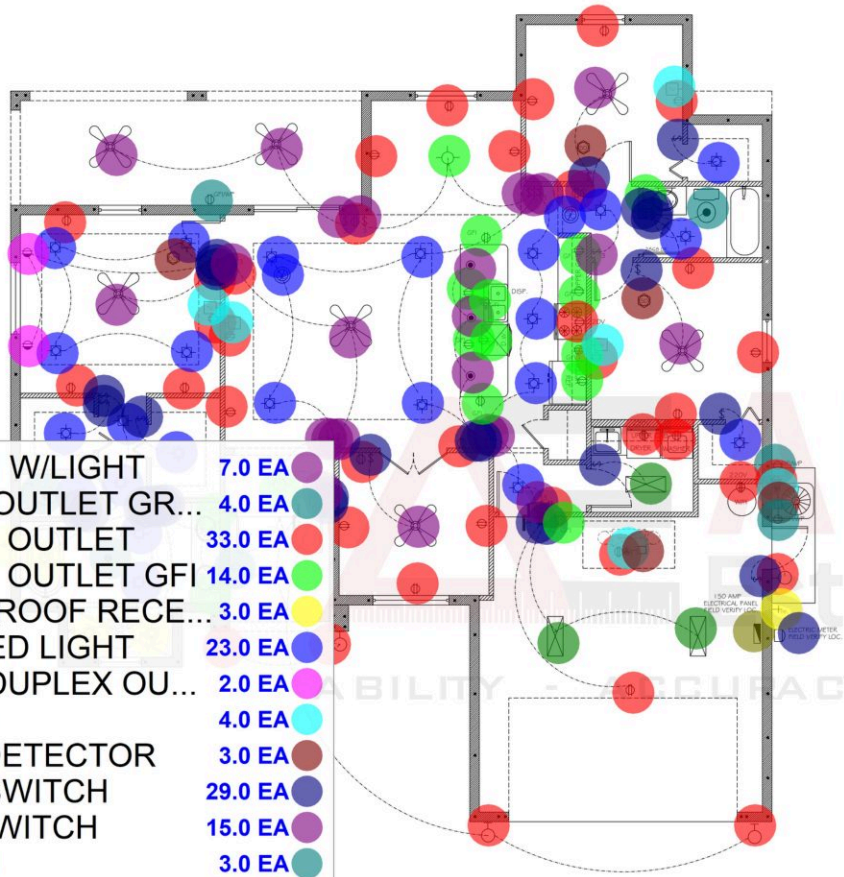
Washer	1.0 EA
Water Heater	1.0 EA
A/C	1.0 EA
(3'-6"x7'-4") Shower Co...	1.0 EA
4" Reccessed Shower	1.0 EA
2x4 Interior Wall	196.3 FT
2x6 Interior Wall	10.3 FT
Furring Wall	239.5 FT
2x4 Knee Wall	10.8 FT
Wood Flooring	1219.3 SQ FT
Tile Flooring	245.7 SQ FT
Sealed Concrete	467.9 SQ FT
4" Wood Base	376.6 FT
4" Tile Base	91.3 FT
4" Rubber Base	62.9 FT
Tiles @ Bathtub	9.9 FT
Tiles @ Shower	15.2 FT
B	1.0 EA
C	1.0 EA
D	1.0 EA
E	1.0 EA
F	1.0 EA
G	1.0 EA
H	1.0 EA
A	1.0 EA
1	1.0 EA
4	1.0 EA
3	1.0 EA
2	1.0 EA
(2'-8"X6'-8") Single Leaf...	6.0 EA
(2'-4"X6'-8") Bi-Fold Do...	3.0 EA
(2'-8"X6'-8") Bi-Fold Do...	1.0 EA
(2'-4"X6'-8") Single Leaf...	2.0 EA
(2)(2'-8"X6'-8") Double ...	1.0 EA
Linear	59.1 FT
Linear	28.7 FT
coffer ceiling	244.1 SQ FT
12" Soffit	87.5 FT
20" Soffit	19.4 FT




SHEET NUMBER
A-3
FOUNDATION PLAN
SCALE : 1/4" = 1'
F1 173.4 FT
F3 50.8 FT
F2 26.9 FT
F5 30.9 FT
F4 2.0 EA
F7 1.0 EA
F6 2.0 EA
4" Slab on Grade W 2011.2 SQ FT
16"x16" Block Columns... 1.0 EA
8"x16" Block Columns ... 2.0 EA
8"x8" Block Columns ... 1.0 EA
16"x20" Block Columns... 1.0 EA
8" Concrete Fill CMU ... 239.3 FT
8F16-1B/1T Pre Cast ... 27.1 FT
8F16-1B/2T Pre Cast ... 70.6 FT
HHETA20 7.0 EA
Girder Truss 86.7 FT
Pre-Engineered R... 2839.2 SQ FT
Roofing 3172.5 SQ FT
Linear 16.5 FT
Linear 27.2 FT
Veneted Soffit 484.9 SQ FT
PLUMBING VENT INTERFERENCE
U BLOCK DETAIL
REINFORCING OF INTERSECTING BOND BEAMS
TYPICAL FOOTING- CORNER DETAIL
36"X36"X20" DEEP PAD #5'S E/W @ 6" O.C
36"X36"X 18" DEEP PAD #5'S E/W @ 6" O.C
36"X36"X 18" DEEP PAD #5'S E/W @ 6" O.C
NOTE:
NOTE:

SHEET NUMBER

E-1



ELECTRICAL PLAN

SCALE : 1/4" = 1'

CLG. FAN W/LIGHT	7.0 EA
DUPLEX OUTLET GR...	4.0 EA
220 VOLT OUTLET	33.0 EA
220 VOLT OUTLET GFI	14.0 EA
VAPOR PROOF RECE...	3.0 EA
RECESSED LIGHT	23.0 EA
1/2 HOT DUPLEX OU...	2.0 EA
T.V. JACK	4.0 EA
SMOKE DETECTOR	3.0 EA
SINGLE SWITCH	29.0 EA
3- WAY SWITCH	15.0 EA
EXH. FAN	3.0 EA
WALL MOUNTED LIG...	5.0 EA
INCANDESCENT LIG...	2.0 EA
Hose Bib	2.0 EA
SMOKE DETECTOR / ...	2.0 EA
EQUIPMENT CONNE...	2.0 EA
A/C DISCONNECT	2.0 EA
FLOURESCENT LIGH...	3.0 EA
ELECTRICAL PANEL	1.0 EA
ELECTRIC METER	1.0 EA
PENDANT LIGHT	3.0 EA

NOTES

NOTE: AFCI PROTECTION IS REQUIRED FOR ALL 125 VOLT, SINGLE PHASE, 15 + 20 AMP RECEPTACLES IN ALL ROOMS BY USING AFCI CIRCUIT BREAKERS OR AFCI RECEPTACLES

ELECTRICAL NOTE

ELECTRICAL PLAN SHOW MIN. ELECTRICAL REQ. PER ELECTRICAL CODE N.E.C. 2017 CONTRACTOR OR OWNER VERIFY PRIOR TO START OF CONSTRUCTION.

SMOKE DETECTOR NOTE

NOTE: SMOKE DETECTORS ARE NOT PERMITTED WITHIN 3' OF A BATH DOOR OR AN A/C SUPPLY OUTLET

ELECTRICAL NOTE

ELECTRICAL DESIGN COMPLIES WITH THE 2017 NATIONAL ELECTRIC CODE

ELECTRICAL NOTE

ALL ELECTRICAL OUTLETS AND SWITCHS ABOVE F.B.E.

ELECTRICAL SYMBOLS

SINGLE SWITCH
3- WAY SWITCH
INCANDESCENT LIGHT FIXTURE
RECESSED LIGHT
V.P. VAPOR PROOF RECESSED
WALL MOUNTED LIGHT FIXTURE
SCONCE LIGHT FIXTURE
FLOOD LIGHT
CLG. FAN W/LIGHT
UNDER CAB. LIGHTS
EXH. FAN
FLOURESCENT LIGHT FIXTURE
FLOURESCENT LIGHT FIXTURE
HOLLYWOOD LIGHTS
J-BOX

4-WAY SWITCH
DIMMER SWITCH
TELEPHONE
T.V. JACK
GFI/WP DUPLEX OUTLET GROUND FAULT INTERRUPT
220 VOLT OUTLET
SMOKE DETECTOR
DUPLEX RECEPTACLE OUTLET
1/2 HOT DUPLEX OUTLET
PENDANT LIGHT
ELECTRICAL PANEL
EQUIPMENT CONNECTOR
A/C DISCONNECT
ELECTRIC METER
SMOKE DETECTOR / CARBON MONOXIDE ALARM

NOTE

1. PROVIDE G.F.I. OUTLET AT KITCHEN & BATHROOM COUNTER TOP AREAS, WHERE REQUIRED.
2. PROVIDE SMOKE DETECTORS POWERED BY HOUSE ELECT. WITH BATTERY MONITORED BACKUP, SHALL BE INSTALLED IN EACH SLEEPING ROOM AND IN THE HALL OR IMMEDIATELY OUTSIDE EACH SLEEPING AREA, AND ON THE HIGHEST CEILING POINT OF EACH ADDITIONAL STORY OF THE RESIDENCE. ALL SMOKE DETECTORS SHALL BE INTER-CONNECTED SO THE ACTIVITY OF ANY ONE DEVICE WILL CAUSE ALL TO SOUND.

ABLE Estimating
ABILITY - ACCURACY - ON TIME