## DESIGN DATA

WIND LOADS

1. BASIC WIND SPEED - 140 MPH. (@ 3 SEC. GUST.)
2. RISK CATEGORY II
3. WIND EXPOSURE - CATEGORY B
4. INTERNAL PRESSURE COEFFICIENT ±0.18
5. COMPONENT/CLADDING DESIGN WIND PRESSURE +22.0/ -23.9 (FOR DOORS, WINDOWS, & TRANSOMS) U.N.O. (INTERNAL PRESSURE COEFFICIENT ±0.18 INCLUDED)

APPLICABLE CODES: INCLUDING ALL REVISIONS

-FLORIDA BUILDING CODE 2017
-FLORIDA BUILDING CODE RESIDENTIAL 2017
-ELECTRICAL CODE , NEC 2014
-FLORIDA BUILDING CODE, MECHANICAL 2017.
-FLORIDA BUILDING CODE, PLUMBING 2017
-FIRE CODE, NFPA 70
-LIFE SAFETY CODE = NFPA 101
-ACCESSIBILITY CODE = FLORIDA BUILDING CODE, BUILDING 2017
-ENERGY CODE = FLORIDA BUILDING CODE, BUILDING 2017

METHOD OF DESIGN:

THIS STRUCTURE HAS BEEN DESIGNED TO MEET ALL LOAD REQUIREMENTS OF THE 2017 FBC-RESIDENTIAL.

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 R - RESIDENTIAL
- ☐ GROUP S - STORAGE

BUILDING CONSTRUCTION TYPE:

- ☐ TYPE I
- ☐ TYPE II
- ☐ TYPE III
- ☐ TYPE IV
- ☒ TYPE V

1. DESIGN LIVE LOADS ( MINIMUM )
   A) FLOORS - 40 PSF
   B) BALCONIES - 60 PSF
   C) DECKS - 60 PSF
   D) STAIRS - 40 PSF
   E) ROOFS - 20 PSF

## INDEX



## JENNAH AND ASSOCIATES INC MODEL 1802 — MASTER

### REVISIONS

| # | DATE | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

CONTRACTOR IMPORTANT:

CONTRACTOR HAVE 14 DAYS SINCE THE DATE THESE PLANS HAVE BEEN SIGNED TO CHECK THEM AND COMMUNICATE GUIDA DESIGN GROUP ANY DOUBT HE COULD HAVE.

AFTER THAT PERIOD THE CONTRACTOR DECLARES THAT ALL DOCUMENTS RECEIVED ARE COMPLETE AND IN ACCORDANCE WITH HIS REQUERIMENTS AND WAIVES ANY EVENTUAL FUTURE ACTION AGAINST GUIDA DESIGN GROUP


Guida Design Group
2415 Sand Lake Rd., Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com


COVER SHEET
JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

CVR

ALBERTO GUIDA
PE #: 74000 FL

# GENERAL NOTES

## FLOOR PLAN NOTES

1- GARAGE CEILINGS BENEATH HABITABLE ROOMS SHALL BE PROVIDED WITH 5/8" MIN. TYPE-X GYPSUM BOARD OR EQUIVALENT PER SECTION R302.6 OF THE 2017 FBC- RESIDENTIAL CODE.

2- DWELLING-GARAGE FIRE SEPARATION PER SECTION R302.6 OF THE 2017 FBC-RESIDENTIAL CODE.

3- BATHROOMS MIN. CEILING HEIGHT OF 6'-8" OVER FIXTURES AND FRONT FIXTURE CLEARANCE AREA PER SECTION R305.1 OF THE 2017 FBC-RESIDENTIAL CODE. OF THE 2017 FBC-BUILDING CODE.

4- MECHANICAL VENTILATION, IF NECESSARY, PER SECTION R303.4

5- OUTDOOR INTAKE AND EXHAUST OPENINGS SHALL BE LOCATED PER R303.5.1 AND R303.5.2 OF THE 2017 FBC-RESIDENTIAL CODE.

6- MECHANICAL VENTILATION PER SECTION M1507 OF THE 2017 FBC-RESIDENTIAL CODE.

7- ALL EXHAUST SYSTEMS PER CHAPTER 15 OF THE 2017 FBC-RESIDENTIAL CODE.

8- WALL CONSTRUCTION PER CHAPTER 6 OF THE 2017 FBC-RESIDENTIAL CODE.

9- DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (0.48 MM) SHEET STEEL, 1 INCH (25.4 MM) MINIMUM RIGID NONMETALLIC CLASS 0 OR CLASS 1 DUCT BOARD, OR OTHER APPROVED MATERIAL AND SHALL NOT HAVE OPENINGS INTO THE GARAGE. PER R302.5.2 OF THE 2017 FBC-RESIDENTIAL

10- ATTIC ACCESS SIZE, LOCATION, AND HEADROOM PER SECTION R807 OF THE 2017 FBC-RESIDENTIAL CODE.

11- WATER HEATER INSTALLATION, DRAINING, AND VENTING PER SECTION P2801 OF THE 2017 FBC-RESIDENTIAL CODE.

12- EXTERIOR WINDOWS AND DOORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS PER SECTION R609 OF THE 2017 FBC-RESIDENTIAL CODE.

13- GLASS BLOCK MASONRY UNITS SHALL CONFORM TO SUPPORT AND INSTALLATION REQUIREMENTS OF SECTION R607 OF THE 2017 FBC-RESIDENTIAL CODE AND GLASS BLOCK DETAIL.

14- PROVIDE TEMPERED GLASS AND / OR SAFETY GLAZING PER SECTION R308 OF THE 2017 FBC RESIDENTAL CODE.

15- EXTERIOR EQUIPMENT/OUTDOOR HEATING AND COOLING EQUIPMENT AND APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SECTION M1411 OF THE 2017 FBC-RESIDENTIAL CODE.

16- EQUIPMENT AND APPLIANCES IN GARAGES SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND THE 2017 FBC-RESIDENTIAL CODE.

17- ALL EXTERIOR WALLS, WALL COVERINGS, AND SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN FBC- RESIDENTIAL TABLE R301.2(2) AND SECTION R703.1.2

18- METAL DUCTS SHALL BE INSTALLED PER FBC- RESIDENTIAL 2017 CHAPTER 16

19- CEMENT, FIBER-CEMENT, OR GLASS MAT GYPSUM REQUIRED AS BACKERS FOR WALL TILE IN TUB AND SHOWER AREAS AND WALL PANELS IN SHOWER AREAS SHALL BE PER FBC-RESIDENTIAL 2017 R702.4

20- DRYER EXHAUST DUCT TERMINATION: REQUIREMENT THAT DUCT TERMINATE NOT LESS THAN 3 FEET IN ANY DIRECTION FROM OPENING INTO BUILDINGS PER FBC-RESIDENTIAL 2017 M1502.3

21- ALL DRILLED AND EPOXIED HOLES MUST BE PROPERLY VACCUMED, BRUSHED, AND BLOWN CLEAN PER MFGR'S RECOMMENDATIONS TO ACHIEVE UPLIFT CAPACITY

22- ANY MECHANICAL EQUIPMENT AND/OR APPLIANCES IN GARAGE TO BE PROTECTED AGAINST VEHICULAR IMPACT AS PER LOCAL JURISDICTION REQUIREMENTS. (IF EQUIPMENT OR APPLIANCE IS IN TRAVEL PATH OF THE VEHICLE)

## ELEVATION PLAN NOTES

1- ALL EXTERIOR FINISHES APPLIED PER MANUFACTURER'S SPECIFICATIONS AND/OR INSTALLATION INSTRUCTIONS PER SECTION R703 OF THE 2017 FBC-RESIDENTIAL CODE.

2- EXTERIOR WALL MINIMUM WEATHER PROTECTION PER FBC- RESIDENTIAL 2017 TABLE 1405.2 AND SECTION R703.2

3- EXTERIOR LATH INSTALLATION AND FRAMING PER ASTM C 1063 AND SECTION R703.7.1 OF THE 2017 FBC-RESIDENTIAL.

4- EXTERIOR PLASTER INSTALLATION PER SECTION R703.7 OF THE 2017 FBC-RESIDENTIAL CODE.

5- PROVIDE APPROPRIATE CLEARANCE BETWEEN EXTERIOR WALL COVERING AND FINAL EARTH GRADE NOT LESS THAN SPECIFIED PER SECTION R318.7 OF THE 2017 FBC-RESIDENTIAL.

6- FACTORY BUILT FIREPLACES AND CHIMNEYS SHOULD BE LISTED, LABELED, AND INSTALLED & TERMINATED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND LISTING CONDITIONS PER SECTIONS R1002, R1004 AND 2304.5 OF THE 2017 FBC-RESIDENTIAL CODE.

7- SKYLIGHTS SHALL BE TESTED, LABELED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS PER SECTION R308.6 OF THE 2017 FBC-RESIDENTIAL CODE AND SECTION 2405.5 OF THE 2017 FBC-BUILDING CODE.

8- GLASS BLOCK MASONRY UNITS SHALL CONFORM TO SUPPORT AND INSTALLATION REQUIREMENTS OF SECTION R610.5 OF THE 2017 FBC-RESIDENTIAL CODE AND GLASS BLOCK DETAIL.

9- PROVIDE ATTIC VENTILATION PER SECTION R806 OF THE 2017 FBC-RESIDENTIAL CODE.

10- PROVIDE EXTERIOR ENVELOPE WITH FLASHINGS, SEALANTS AND WEATHER STRIPPING PER 2017 FBC-R703.8 & R613.8

11- SOFFITS TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DESIGN WIND LOAD PRESSURES AND IN ACCORDANCE WITH 2017 FBC-R703.1.1

12- ALL DECORATIVE MOULDINGS, BRACKETS, LOUVERS, NICHES, SHUTTERS AND/OR SIDDING TO BE INSTALLED, FASTENED OR ADHERED TO THE STRUCTURE PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DESIGN WIND LOAD PRESSURES.

13- PROVIDE FLASHINGS & BOND BREAK

## CEMENTIOUS FINISH NOTE

1- OVER MASONRY PORTLAND CEMENT PLASTER TO BE MIN. PER TABLE R702.1(1) 1/2" AND NOT LESS THAN A TWO-COAT SYSTEM APPLIED PER ASTM C 926.

2- OVER WOOD PORTLAND CEMENT PLASTER TO BE 7/8" MIN. PER TABLE R702.1(1) AND NOT LESS THAN A THREE COAT SYSTEM APPLIED PER ASTM C 926. ALL LATHING APPLIED PER ASTM C 1063.

3- ARCHITECTURAL TRIM SHOULD BE INSTALLED OVER THE BROWN COAT OR THE SUBSTRATE. WHEN INSTALLED OVER THE SUBSTRATE IT MUST HAVE LATHE AND CORNER BEADS.

## ROOF NOTES:

1- ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY TRUSS MANUFACTURER'S REGISTERED ENGINEER.

2- TRUSS MANUFACTURER TO VERIFY ALL TRUSS SPANS, SLOPES, BEARING POINTS, AND DIMENSIONS BEFORE FABRICATION. ALSO, TRUSS MANUFACTURER TO PROVIDE SHOP DRAWINGS TO BIGDesign.

3- ALL ROOF PITCHES ARE TO BE SET AS INDICATED ON PLANS AND ELEVATIONS.

4- TOP PLATE HEIGHTS VARY. SEE BUILDING SECTIONS, WALL SECTIONS, AND ELEVATIONS FOR BEARING HEIGHTS.

5- TRUSS SPACING SHALL BE 24" O.C. UNLESS OTHERWISE NOTED. CONVENTIONAL FRAMING SHALL BE 16" O.C. OR AS OTHERWISE NOTED.

6- TRUSS MANUFACTURER TO PROVIDE ALL GABLE END TRUSSES WITH INTERMEDIATE STUD MEMBERS 24" O.C. MAX.

7- ROOF DECKING AS SPECIFIED.

8- OVERHANGS WILL VARY. SEE ROOF PLAN AND EXTERIOR ELEVATIONS. ALL OVERHANGS GREATER THAN 18" SHALL BE TACKED ON IN THE FIELD.

9- FRAME WALLS UP TO UNDERSIDE OF ROOF TRUSSES AT ALL NON-BEARING WALLS AND AT VOLUME AREA UNLESS OTHERWISE NOTED.

10- ALIGN TRUSSES AND HAND FRAMING SO AS ALL GYPSUM WALL BOARD TO BE CONTINUOUS FROM FLOOR TO CEILING.

11-TRUSS MANUFACTURER TO INSURE DESIGN CONSIDERATION TO THE FOLLOWING ADDITIONAL LOADS:

A: ALL CEILING HUNG SOFITS AND SOFITS W/ CABINETS AS SHOWN ON PLANS.
B: ATTIC LOCATED HVAC UNITS AS SHOWN ON PLAN

12- PROVIDE ROOF DECK WEATHER PROTECTION PER SECTION R903 OF THE 2017 FBC-RESIDENTIAL CODE.

13- PROVIDE ROOF COVERING MATERIALS PER SECTION R904 OF THE 2017 FBC-RESIDENTIAL CODE.

14- INSTALL ROOF COVERINGS IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS AND APPLICABLE PROVISIONS OF SECTION R905 OF THE 2017 FBC-RESIDENTIAL CODE.

15- INSTALLATION OF ALL FLASHINGS, VALLEYS, CRICKETS AND SADDLES, DRIP EDGES, UNDERLAYMENT AND FASTENERS PER APPLICABLE PROVISIONS OF SECTIONS R905 AND R703.8 OF THE 2017 FBC-RESIDENTIAL CODE.

# GENERAL SYMBOL LEGEND

DETAIL# / SHEET# — BUILDING SECTION

DETAIL# / SHEET# — INTERIOR SECTION

-- WINDOW SYMBOL

-- DOOR SYMBOL

-- WALL PARTITION SYMBOL

-- PLAN NOTE

VAULT 3½:12 — VAULTED CLG.

6 12 — ROOF PITCH

# GENERAL ABBREVIATION LIST

| | |
|---|---|
| 2- | INDICATES NUMBER OF DOORS. |
| 2- | INDICATES NUMBER OF WINDOWS. |
| FR | FRENCH DOORS |
| SL | SIDE LIGHT |
| FG | FIXED GLASS |
| TR | TRANSOM |
| GB | GLASS BLOCK |
| PKT | POCKET DOOR |
| OBS | OBSCURED GLASS |
| TEMP | TEMPERED GLASS |
| SH | SINGLE HUNG |
| DH | DOUBLE HUNG |
| HR | HORIZONTAL ROLLER |
| BP | BYPASS SPECIALTY |
| HGT | HEIGHT |
| MIN | MINIMUM |
| FIN | FINISH |
| FL | FLOOR |
| ACT | ACOUSTIC CEILING TILE |
| ADA | AMERICANS WITH DISABILITIES |
| AFF | ABOVE FINISH FLOOR |
| BM | BEAM |
| CLG | CEILING |
| CONC | CONCRETE |
| CLR | CLEAR |
| EQ | EQUAL |
| FC | FIXTURE CONTRACTOR |
| FV | FIELD VERIFY |
| GC | GENERAL CONTRACTOR |
| GWB | GYPSUM WALL BOARD |
| HM | HOLLOW METAL |
| MTL | METAL |
| M.O | MASONRY OPENING |
| OC | ON CENTER |
| SST | STAINLESS STEEL |
| STL | STEEL |
| STRUCT | STRUCTURE/STRUCTURAL |
| SUSP | SUSPENDED |
| TBD | TO BE DETERMINED |
| T&G | TONGE AND GROOVE |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE |
| VIF | VERIFY IN FIELD |
| VCT | VINYL COMPOSITION TILE |
| W/ | WITH |
| WD | WOOD |

WINDOWS/DOORS, FIXED GLASS WINDOWS, AND TRANSOMS ARE NOTED ON PLANS.

Guida Design Group
2415 Sand Lake Rd, Suite J, Orlando fl 32809
Phone: 321.663.7022
email: alberto@guidadesigngroup.com
www.guidadesigngroup.com

GENERAL NOTES

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

A0

ALBERTO GUIDA
PE #: 74000 FL

# Window R.O. Chart- Aluminum

| WINDOW- FLANGE (SINGLE HUNG) | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| SH13 | 24' X 36' | 19⅜' X 38⅜' |
| SH14 | 24' X 48' | 19⅜' X 50⅜' |
| SH15 | 24' X 60' | 19⅜' X 63' |
| SH16 | 24' X 72' | 19⅜' X 72' |
| | | |
| SH1H3 | 28' X 36' | 27¼' X 38⅜' |
| SH1H4 | 28' X 48' | 27¼' X 50⅜' |
| SH1H5 | 28' X 60' | 27¼' X 63' |
| SH1H6 | 28' X 72' | 27¼' X 72' |
| | | |
| 23SH | 36' X 36' | 31¼' X 38⅜' |
| 24SH | 36' X 48' | 31¼' X 50⅜' |
| 25SH | 36' X 60' | 31¼' X 63' |
| 26SH | 36' X 72' | 31¼' X 72' |
| | | |
| 33SH | 48' X 36' | 43¾' X 38⅜' |
| 34SH | 48' X 48' | 43¾' X 50⅜' |
| 35SH | 48' X 60' | 43¾' X 63' |
| 36SH | 48' X 72' | 43¾' X 72' |
| | | |
| (2) 24SH | 72½' X 48' | 74¾' X 50⅜' |
| (2) 25SH | 72½' X 60' | 74¾' X 63' |
| (2) 26SH | 72½' X 72' | 74¾' X 72' |
| | | |
| (2) SH3H5 MULLED | | 6P¾' X 63' |
| (2) SH3H6 MULLED | | 6P¾' X 72' |
| | | |
| (2) 34SH | 96½' X 48' | |
| (2) 35SH | 96½' X 60' | 96¾' X 63' |
| (2) 36SH | 96½' X 72' | 96¾' X 72' |
| | | |
| (3) 25SH | | 111¾' X 63' |
| (3) 25SH | | 111¾' X 72' |
| | | |
| SH16 / SH26 / SH16 | | 76' X 72' |

| WINDOW (SH / FIXED) (HALF RADIUS) | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| 2040 | 24' X 51' | |
| 2050 | 24' X 63' | |
| 2060 | 24' X 75' | |
| | | |
| 3040 | 36' X 51' | |
| 3050 | 36' X 63' | |
| 3060 | 36' X 75' | |
| | | |
| 4040 | 48' X 51' | |
| 4050 | 48' X 63' | |
| 4060 | 48' X 75' | |
| | | |
| (2) 2040 | 48½' X 51' | |
| (2) 2050 | 48½' X 63' | |
| (2) 2060 | 48½' X 75' | |
| | | |
| (2) 3040 | 72½' X 51' | |
| (2) 3050 | 72½' X 63' | |
| (2) 3060 | 72½' X 75' | |
| | | |
| (2) 4040 | 96½' X 51' | |
| (2) 4050 | 96½' X 63' | |
| (2) 4060 | 96½' X 75' | |
| | | |
| SH1H3 | | 27¼' 45' |
| SH1H4 | | 27¼' X 57' |
| SH1H5 | | 27¼' X 69½' |
| SH1H6 | | 27¼' X 78½' |
| | | |
| SH23 | | 37¾' X 47¾' |
| SH24 | | 37¾' X 59' |
| SH25 | | 37¾' X 71¼' |
| SH26 | | 37¾' X 80¼' |
| | | |
| SH33 | | 53⅜' X 49⅜' |
| SH34 | | 53⅜' X 61⅝' |
| SH35 | | 53⅜' X 74' |
| SH36 | | 53⅜' X 83' |
| | | |
| (2) SH1H4 | | 53¾' X 57' |
| (2) SH1H5 | | 53¾' X 69½' |
| (2) SH1H6 | | 53¾' X 78½' |
| | | |
| (2) SH24 | | 74¾' X 59' |
| (2) SH25 | | 74¾' X 71¼' |
| (2) SH26 | | 74¾' X 80¼' |
| | | |
| (2) SH34 | | 107' X 61⅝' |
| (2) SH35 | | 107' X 74' |
| (2) SH36 | | 107' X 83' |

| WINDOW (SH / FIXED) (FULL RADIUS) | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| 2040 | 24' X 51⅝' | |
| 2050 | 24' X 63¾' | |
| 2060 | 24' X 75¾' | |
| | | |
| 3040 | 36' X 51⅝' | |
| 3050 | 36' X 63¾' | |
| 3060 | 36' X 75¾' | |
| | | |
| 4040 | 48' X 51⅝' | |
| 4050 | 48' X 63¾' | |
| 4060 | 48' X 75¾' | |
| | | |
| SH1H3 | | 27¼' 42¾' |
| SH1H4 | | 27¼' X 55' |
| SH1H5 | | 27¼' X 67½' |
| SH1H6 | | 27¼' X 76½' |
| | | |
| SH23 | | 37¾' X 43¾' |
| SH24 | | 37¾' X 56' |
| SH25 | | 37¾' X 68¼' |
| SH26 | | 37¾' X 77¼' |
| | | |
| SH33 | | 53⅜' X 45' |
| SH34 | | 53⅜' X 57¼' |
| SH35 | | 53⅜' X 69¾' |
| SH36 | | 53⅜' X 78¾' |

| WINDOW (HORIZ. ROLLER) | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| 4030 | 48' X 36' | |
| 4040 | 48' X 48' | |
| 4050 | 48' X 60' | |
| 4060 | 48' X 72' | |
| | | |
| 5030 | 60' X 36' | |
| 5040 | 60' X 48' | |
| 5050 | 60' X 60' | |
| 5060 | 60' X 72' | |
| | | |
| 6030 | 72' X 36' | |
| 6040 | 72' X 48' | |
| 6050 | 72' X 60' | |
| 6060 | 72' X 72' | |

| WINDOW (FIXED GLASS) | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| 2020 | 24½' X 24½' | 24¾' X 24' |
| 2030 | 24½' X 36½' | 24¾' X 36' |
| 2040 | 24½' X 48½' | 24¾' X 48' |
| 2050 | 24½' X 60½' | 24¾' X 60' |
| | | |
| 3010 | 36½' X 12½' | 36¾' X 12' |
| 3020 | 36½' X 24½' | 36¾' X 24' |
| 3030 | 36½' X 36½' | 36¾' X 36' |
| 3040 | 36½' X 48½' | 36¾' X 48' |
| 3050 | 36½' X 60½' | 36¾' X 60' |
| | | |
| 4016 | 48½' X 16½ | 48¾' X 18½' |
| 4020 | 48½' X 24½' | 48¾' X 24' |
| 4030 | 48½' X 36½' | 48¾' X 36' |
| 4040 | 48½' X 48½' | 48¾' X 48' |
| 4050 | 48½' X 60½' | 48¾' X 60' |
| | | |
| 5016 | 60½' X 16½' | 60¾' X 16' |
| 5020 | 60½' X 24½' | 60¾' X 24' |
| 5030 | 60½' X 36½' | 60¾' X 36' |
| 5040 | 60½' X 48½' | 60¾' X 48' |
| 5050 | 60½' X 60½' | 60¾' X 60' |
| | | |
| 6016 | 72½' X 16½' | 72¾' X 16' |
| 6020 | 72½' X 24½' | 72¾' X 24' |
| 6030 | 72½' X 36½' | 72¾' X 36' |
| 6040 | 72½' X 48½' | 72¾' X 48' |

# Exterior Door R.O. Chart

| DOOR | FRAME R.O. | | BLOCK R.O W/ 1X P.T. | | BLOCK R.O W/ 2X P.T. | |
|---|---|---|---|---|---|---|
| | INSWING | OUTSWING | INSWING | OUTSWING | INSWING | OUTSWING |
| 2068 | 26' X 82½' | 26' X 81½' | 27½' X 83¼' | 27½' X 82¼' | 29' X 84' | 29' X 83' |
| 2468 | 30' X 82½' | 30' X 81½' | 31½' X 83¼' | 31½' X 82¼' | 33' X 84' | 33' X 83' |
| 2668 | 32' X 82½' | 32' X 81½' | 33½' X 83¼' | 33½' X 82¼' | 35' X 84' | 35' X 83' |
| 2868 | 34' X 82½' | 34' X 81½' | 35½' X 83¼' | 35½' X 82¼' | 37' X 84' | 37' X 83' |
| 3068 | 38' X 82½' | 38' X 81½' | 39½' X 83¼' | 39½' X 82¼' | 41' X 84' | 41' X 83' |
| (2) 2068 | 50⅜' X 82½' | 50⅜' X 81½' | 52⅛' X 83¼' | 52⅛' X 82¼' | 53⅜' X 84' | 53⅜' X 83' |
| (2) 2668 | 62⅜' X 82½' | 62⅜' X 81½' | 64⅛' X 83¼' | 64⅛' X 82¼' | 65⅜' X 84' | 65⅜' X 83' |
| (2) 2868 | 66⅜' X 82½' | 66⅜' X 81½' | 68⅛' X 83¼' | 68⅛' X 82¼' | 69⅜' X 84' | 69⅜' X 83' |
| (2) 3068 | 74⅜' X 82½' | 74⅜' X 81½' | 76⅛' X 83¼' | 76⅛' X 82¼' | 77⅜' X 84' | 77⅜' X 83' |
| 3068-(1) 10'SL. | 49¾' X 82½' | 49¾' X 81½' | | | 52¾' X 84' | 52¾' X 83' |
| 3068-(2) 10'SL. | 61½' X 82½' | 61½' X 81½' | | | 64½' X 84' | 64½' X 83' |
| 3068-(1) 12'SL. | 51½' X 82½' | 51½' X 81½' | | | 54½' X 84' | 54½' X 83' |
| 3068-(2) 12'SL. | 65' X 82½' | 65' X 81½' | | | 68' X 84' | 68' X 83' |
| 3068-(1) 14'SL. | 53½' X 82½' | 53½' X 81½' | | | 56½' X 84' | 56½' X 83' |
| 3068-(2) 14'SL. | 69' X 82½' | 69' X 81½' | | | 72' X 84' | 72' X 83' |
| (2)2668-(2) 14'SL. | 94' X 82½' | 94' X 81½' | | | 97' X 84' | 97' X 83' |
| | | | | | | |
| 2/0 X 8/0 | 26' X 98½' | 26' X 97½' | 27½' X 99¼' | 27½' X 98¼' | 29' X 100' | 29' X 99' |
| 2/4 X 8/0 | 30' X 98½' | 30' X 97½' | 31½' X 99¼' | 31½' X 98¼' | 33' X 100' | 33' X 99' |
| 2/6 X 8/0 | 32' X 98½' | 32' X 97½' | 33½' X 99¼' | 33½' X 98¼' | 35' X 100' | 35' X 99' |
| 2/8 X 8/0 | 34' X 98½' | 34' X 97½' | 35½' X 99¼' | 35½' X 98¼' | 37' X 100' | 37' X 99' |
| 3/0 X 8/0 | 38' X 98½' | 38' X 97½' | 39½' X 99¼' | 39½' X 98¼' | 41' X 100' | 41' X 99' |
| 4/0 DBL. X 8/0 | 50⅜' X 98½' | 50⅜' X 97½' | 52⅛' X 99¼' | 52⅛' X 98¼' | 53⅜' X 100' | 53⅜' X 99' |
| 5/0 DBL. X 8/0 | 62⅜' X 98½' | 62⅜' X 97½' | 64⅛' X 99¼' | 64⅛' X 98¼' | 65⅜' X 100' | 65⅜' X 99' |
| 5/4 DBL. X 8/0 | 66⅜' X 98½' | 66⅜' X 97½' | 68⅛' X 99¼' | 68⅛' X 98¼' | 69⅜' X 100' | 69⅜' X 99' |
| 6/0 DBL. X 8/0 | 74⅜' X 98½' | 74⅜' X 97½' | 76⅛' X 99¼' | 76⅛' X 98¼' | 77⅜' X 100' | 77⅜' X 99' |
| 3/0 X 8/0-(1) 10'SL. | 49¾' X 98½' | 49¾' X 97½' | | | 52¾' X 100' | 52¾' X 99' |
| 3/0 X 8/0-(2) 10'SL. | 61½' X 98½' | 61½' X 97½' | | | 64½' X 100' | 64½' X 99' |
| 3/0 X 8/0-(1) 12'SL. | 51½' X 98½' | 51½' X 97½' | | | 54½' X 100' | 54½' X 99' |
| 3/0 X 8/0-(2) 12'SL. | 65' X 98½' | 65' X 97½' | | | 68' X 100' | 68' X 99' |
| 3/0 X 8/0-(1) 14'SL. | 53½' X 98½' | 53½' X 97½' | | | 56½' X 100' | 56½' X 99' |
| 3/0 X 8/0-(2) 14'SL. | 69' X 98½' | 69' X 97½' | | | 72' X 100' | 72' X 99' |
| 5/0 X 8/0-(2) 14'SL. | 94' X 98½' | 94' X 97½' | | | 97' X 100' | 97' X 99' |

# Sliding Glass Door R.O. Chart

| SLIDING GLASS DOOR | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| 5/0 X 6/8 S.G.D. | 60¼' X 80¼' | 61¾' X 81' |
| 6/0 X 6/8 S.G.D. | 72¼' X 80¼' | 73¾' X 81' |
| 8/0 X 6/8 S.G.D. | 96¼' X 80¼' | 97¾' X 81' |
| 9/0 X 6/8 S.G.D. | 106⅛' X 80¼' | 108⅜' X 81' |
| 12/0 X 6/8 S.G.D. | 142⅛' X 80¼' | 144⅜' X 81' |

| SLIDING GLASS DOOR | ROUGH OPENING | |
|---|---|---|
| | FRAME | BLOCK |
| 5/0 X 8/0 S.G.D. | 60¼' X 96¼' | 61¾' X 97' |
| 6/0 X 8/0 S.G.D. | 72¼' X 96¼' | 73¾' X 97' |
| 8/0 X 8/0 S.G.D. | 96¼' X 96¼' | 97¾' X 97' |
| 9/0 X 8/0 S.G.D. | 106⅛' X 96¼' | 108⅜' X97' |
| 12/0 X 8/0 S.G.D. | 142⅛' X 96¼' | 144⅜' X 97' |


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email: admin@guidadesigngroup.com
www.guidadesigngroup.com


WINDOW SCHEDULE

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

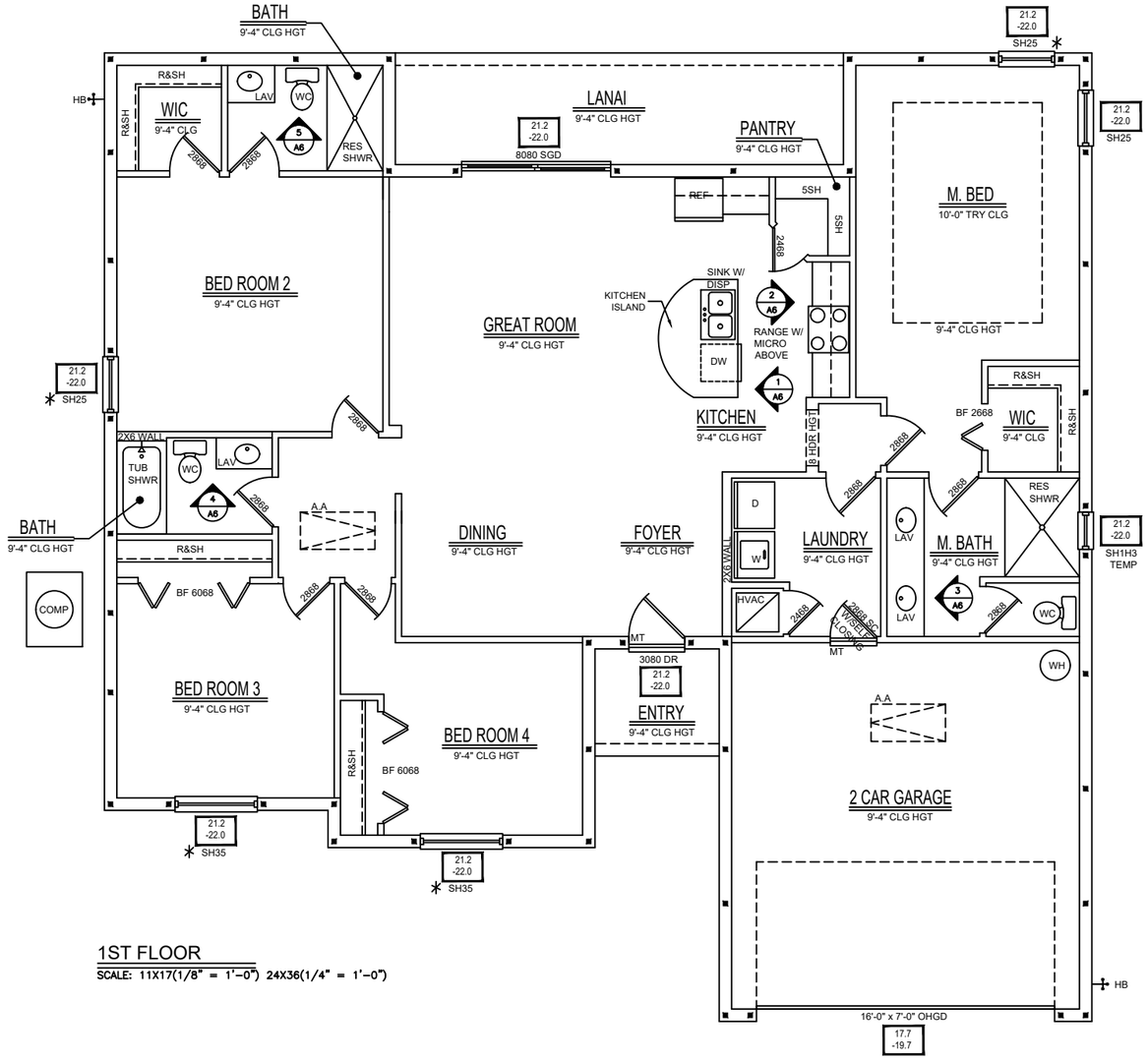
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

A0.1

ALBERTO GUIDA
PE #: 74000 FL




## 1ST FLOOR

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

**NOTES:**

1.) ALL WNDWS. IN MSTR. AND HALL BATHS TO BE OBS. U.N.O.

2.) ALL EXT. WALLS ARE CONSIDERED AS SHEAR WALLS EXCEPT FOR THOSE PORTIONS OF WALL WITH OPENINGS.

3) EXTERIOR DOORS AND GARAGE DOOR LEADING TO CONDITIONED SPACE SHALL BE SOLID CORE

+/- PSF — DESIGN PRESSURE @ OPENINGS

* - INDICATES EGRESS WINDOWS (COMPLIANCE TO BE VERIFIED PRIOR TO INSTALLATION)

INDICATES TOILET ROOM DOOR PER 2017 FBC-R322.1.1

SC — INDICATES SOLID CORE DOOR

-2X BUILT-UP POSTS TO BE NAILED TOGETHER W/ 10d's @ 4" O.C. STAGGERED. FIRSTNAIL@ 2" FROM END U.N.O.

-ANY GLASS SHOWER ENCLOSURES ARE TO BE TEMPERED GLASS.

-ALL WOOD IN DIRECT CONTACT W/ CONCRETE OR MASONARY SHALL BE PRESSURE TREATED WOOD.

-INDICATES INTERIOR BRG. WALL TO BE 2x #2 SYP @ 16" O.C. OR 2x4 #2 SPF @ 16" O.C. W/ MID- BLOCKING PER DETAIL 31/D1 U.N.O.

- INDICATES ONE-STORY EXTERIOR BEARING WALL

- INDICATES 4" FILLED SOLID FORMED CELL ON EACH SIDE OF ROUGH OPENING (W/ OR W/ OUT OPT. SL.) WITH 1 #5 BAR CONT. FROM BEAM TO FTG W/ 10" HOOK MIN AND 1/4" ROUND TIES AT 16" O.C. AROUND MASONRY CELL & FORMED CELL VERTICAL #5 BARS. NOTE STEEL REINFORCED 8" MASONRY FILLED CELLS COULD BE USED I.L.O. THE FILLED SOLID FORMED CELLS.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and Guida Design group. must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

**NOTES:**

1. GARAGE DOOR TO BE CERTIFIED BY MFR. FOR 140 M.P.H.
2. ALL TUB & SHOWER UNITS WILL HAVE ANTI-SCALDING DEVICES INSTALLED.
3. ALL DOORS TO BE 6'-8" TALL U.N.O. OR PER BUILDER/CLIENT.

Guida Design Group
2415 Sand Lake Rd., Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

# FLOOR PLAN NOTE

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

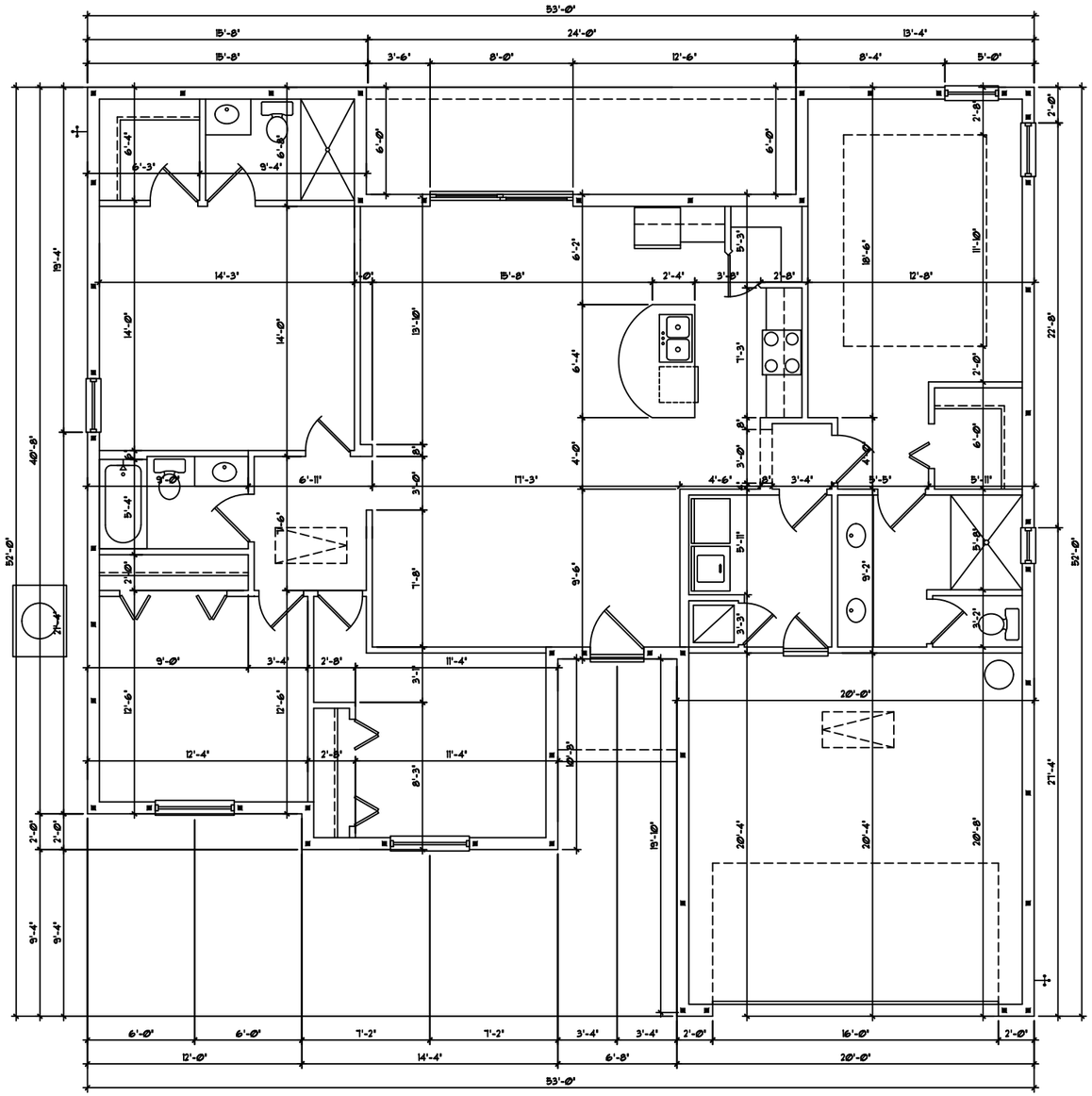
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

A1

ALBERTO GUIDA
PE #: 74000 FL




## 1ST FLOOR

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

| Area Tabulations | |
|---|---|
| Living: | |
| 1st floor: | 1802 sf |
| 2nd floor: | N/A sf |
| Total Living: | 1802 sf |
| Lanai: | 144 sf |
| Entry: | 38 sf |
| Garage: | 407 sf |
| Terrace: | N/A sf |
| Total Area: | 2391 sf |

NOTES:

1. GARAGE DOOR TO BE CERTIFIED BY MFR. FOR 140 M.P.H.
2. ALL TUB & SHOWER UNITS WILL HAVE ANTI-SCALDING DEVICES INSTALLED.
3. ALL DOORS TO BE 6'-8" TALL U.N.O. OR PER BUILDER/CLIENT.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and Guida Design Group, must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

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# FLOOR PLAN DIM

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

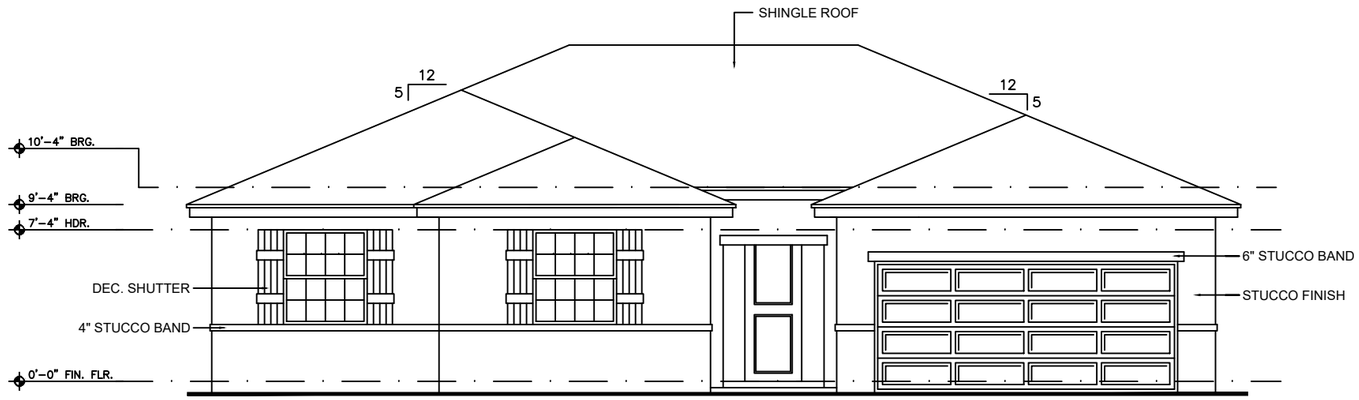
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

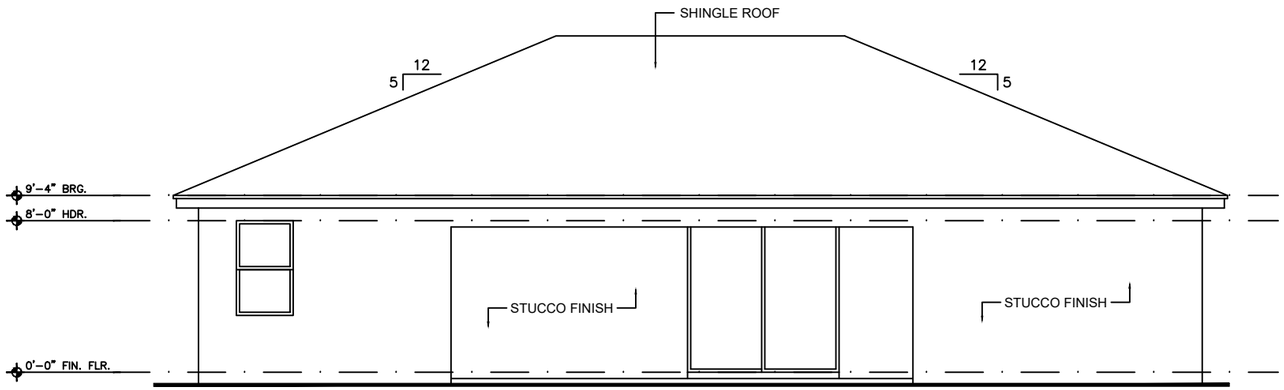
A2

ALBERTO GUIDA
PE #: 74000 FL




FRONT ELEVATION

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")




REAR ELEVATION

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

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# ELEVATIONS

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

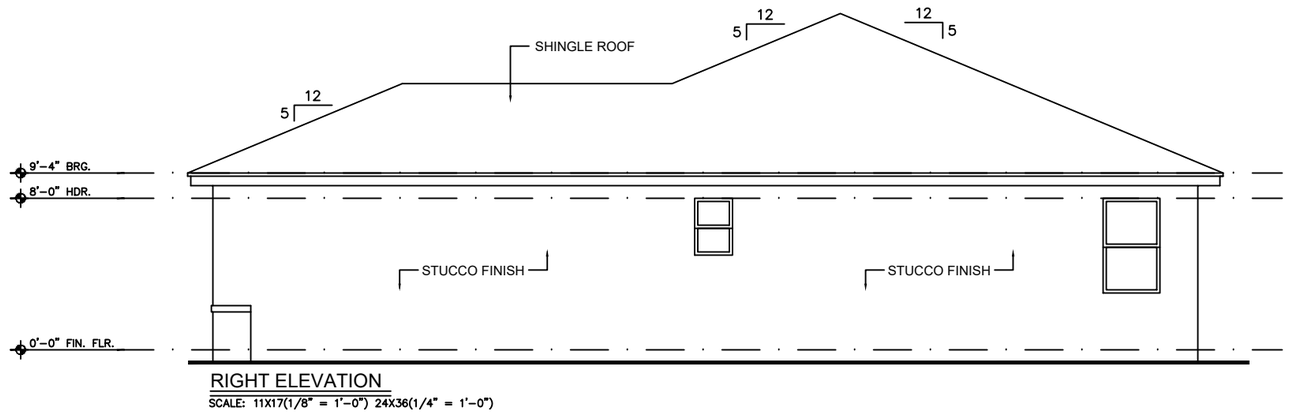
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

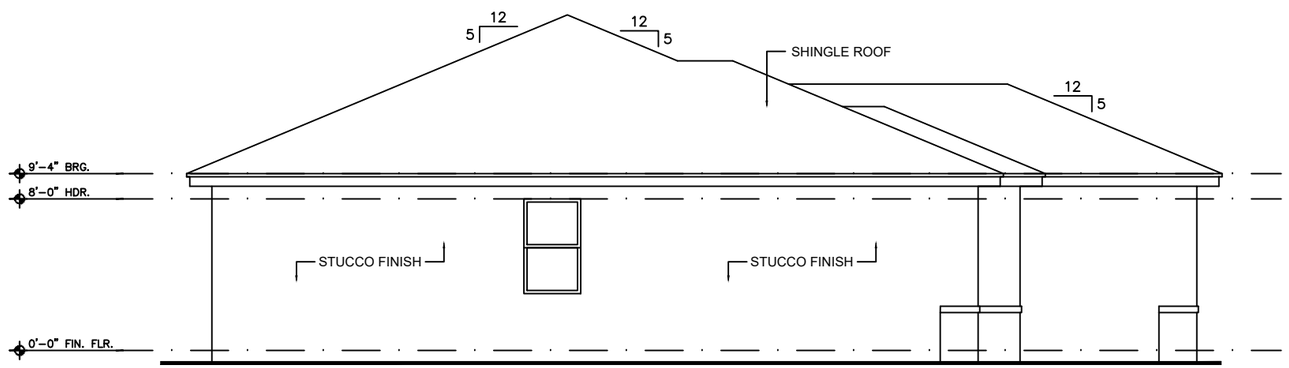
A3

ALBERTO GUIDA
PE #: 74000 FL




RIGHT ELEVATION

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")




LEFT ELEVATION

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

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Phone: 321.663.7022
email: alberto@guidadesigngroup.com
www.guidadesigngroup.com

# ELEVATIONS

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

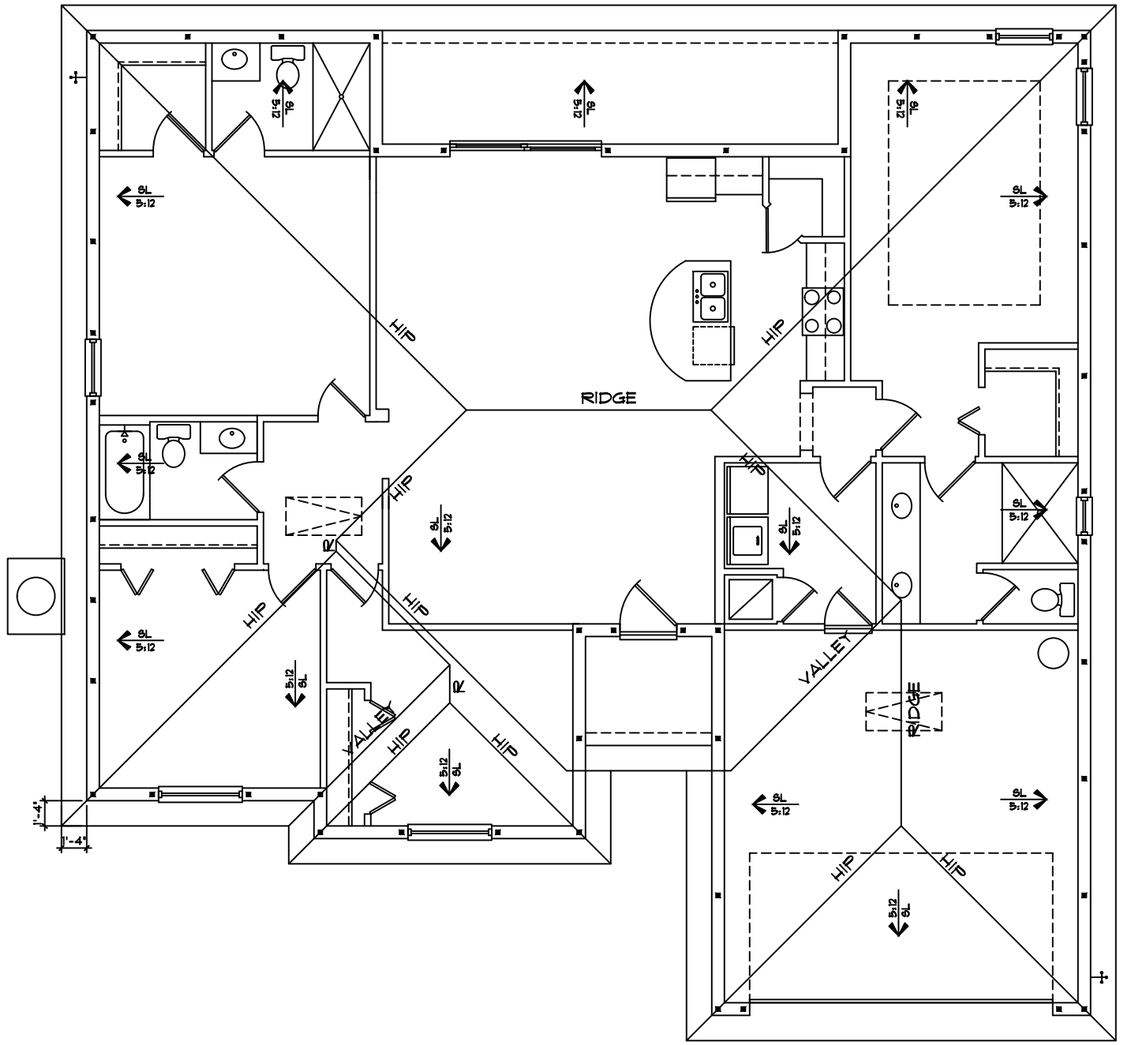
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

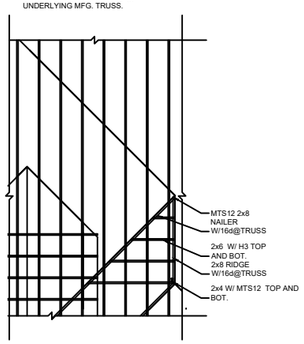
A4

ALBERTO GUIDA
PE #: 74000 FL




NOTE:
2X6 MAY BE USED FOR SPANS UP TO 10' FROM EACH SIDE OF THE RIDGE(20'-0" TOTAL SPAN). 2X8 MAY BE USED FOR ANY SPAN GREATER THAN 10' FROM EACH SIDE OF THE RIDGE.

NOTE:
ANY RAFTER OVER 2'-0" LONG GETS STRAPPED TO TOP CHORD OF UNDERLYING MFG. TRUSS.




Valley Framing Detail
NOT TO SCALE

ATTIC VENTILATION CALCULATIONS

PER 2017 FBCR 806 WITH 50% OF REQUIRED VENTILATION IN UPPER PORTION OF ATTIC SPACE AND BALANCE PROVIDED AT LOWER PORTION (EAVES).

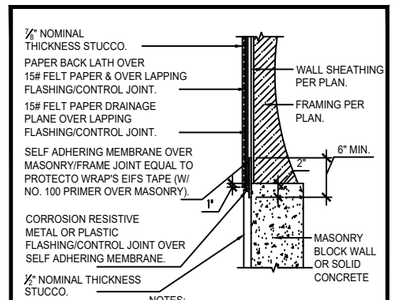
MAIN ROOF CALCULATIONS:

MIN. REQ'D NET FREE VENTILATING AREA IN EACH PORTION = ( 2391 SQ. FT.) 144 SQ. IN. / 600 SQ. FT. = 573 SQ.IN.

VENTILATION PROVIDED AT UPPER PORTION WITH = ( 5 ) OFF-RIDGE VENTS RIDGE VENTS 108 SQ.IN / VENT =540SQ.IN.

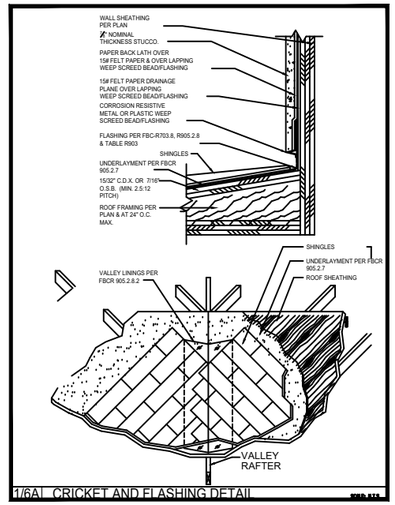
NOTES:
PLAN SHOWS APPROXIMATE VENT LOCATIONS ACTUAL LOCATIONS TO BE FIELD DETERMINED.

FIELD INSTALLED SOFFIT TO PROVIDE A MINIMUM NET FREE VENTILATING AREA OF 540 SQ.IN. CUMULATIVE IN MAIN ROOF




NOTES:
1) ALL MATERIALS TO BE APPROVED, INSTALLED PER MFG'S INSTRUCTIONS & IN ACCORDANCE W/ FBC-R 703.
2) ALL FLASHING JOINTS, ENDS, ANGLES, CORNERS, INTERSECTIONS, ETC. TO BE SEALED AT TIME OF INSTALLATION.
3) WHEN STUCCO IS NOT APPLIED DIRECTLY TO THE SELF ADHERING MEMBRANE, PROTECTO WRAPS BUILDING TAPE 20 (BT-20XL) OR EQUAL COULD BE USED I.L.O. THE ETFS TAPE.

2/6A FLASHING/CONTROL JOINT - WEEP SCREED DETAIL




1/6A CRICKET AND FLASHING DETAIL

NOTE:
ALL ROOF SLOPES AT 5:12 UNLESS OTHERWISE NOTED.

NOTE :
NO STRUCTURAL CHANGES FROM THE APPROVED PLANS SHALL BE MADE IN THE FIELD UNLESS, PRIOR TO MAKING CHANGES, WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER/ ARCHITECT OF RECORD. IF CHANGES ARE MADE WITHOUT WRITTEN APPROVAL SUCH CHANGES SHALL BE THE LEGAL AND FINANCIAL RESPONSIBILITY OF THE CONTRACTOR OR SUB-CONTRACTORS INVOLVED AND SHALL BE THEIR RESPONSIBILITY TO REPLACE OR REPAIR THE CONDITION AS DIRECTED BY THE ENGINEER.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and Guida Design Group. must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

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# ROOF PLAN

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

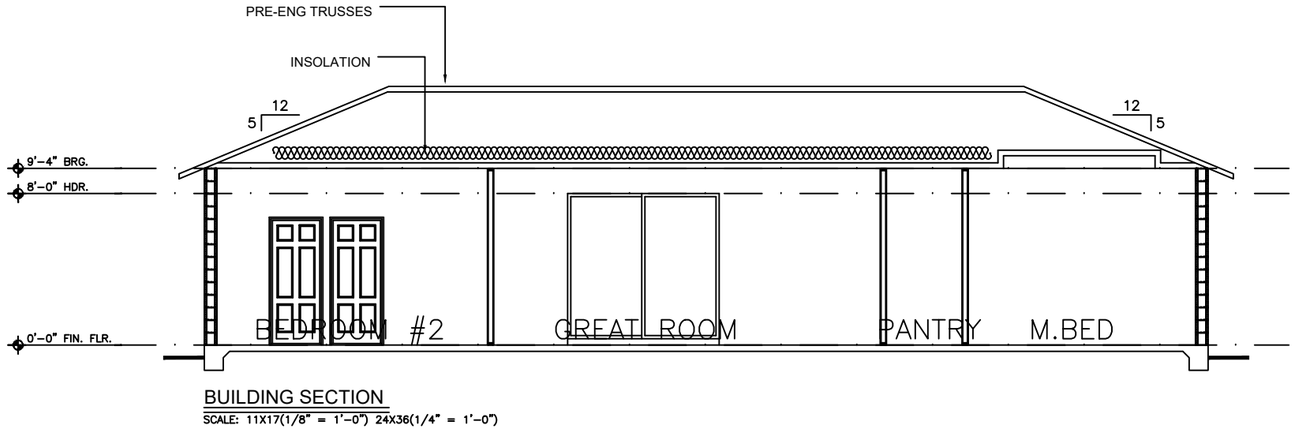
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

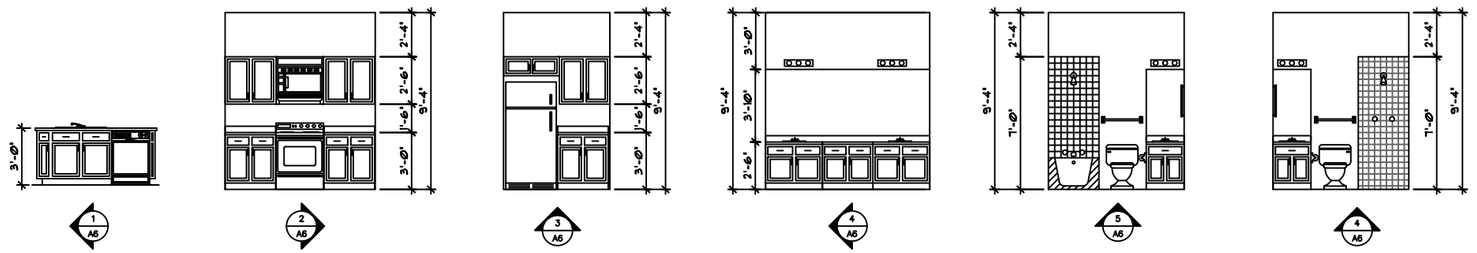
Lot #:
N/A

A5

ALBERTO GUIDA
PE #: 74000 FL




BUILDING SECTION
SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")




INTERIOR SECTION
SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

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# BUILDING SECTION

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

A6

ALBERTO GUIDA
PE #: 74000 FL

# GENERAL NOTES

NOTES AND SPECIFICATIONS:

GENERAL NOTES:

ALL COMUNICATIONS BETWEEN THE CONTRACTOR AND THE ENGINEER OF RECORD ABOUT ERRORS, DISCREPANCIES, OMISSIONS, MODIFICATIONS, AND/OR ANY TYPE OF CLARIFICATION OF DRAWINGS AND/OR SPECIFICATIONS, MUST BE WRITTEN.

THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE, EXCEPT WHERE NOTED. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THEM.

NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START THE CONSTRUCTION. HE SHALL RESOLVE ANY DISCREPANCY OF PLANS AND/OR SPECIFICATIONS, WITH THE ENGINEER OF RECORD. HE SHALL ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL ITEMS WITH THE APPROPIATE TRADE DRAWINGS AND SUBCONTRACTORS PRIOR TO START THE CONSTRUCTION.

DO NOT SCALE THESE DRAWINGS.

CONTRACTOR MUST VERIFY AND CHECK ALL DIMENSIONS, NOTES, DETAILS AND SPECIFICATIONS BEFORE COMMENCING WORK. IF ANY DISCREPANCY, ERROR OR OMISSION IS FOUND, CONTRACTOR MUST DO IMMEDIATELY A WRITTEN COMMUNICATION TO THE ENGINEER OF RECORD.

TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE.

CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONSTRUCTION. LOAD SHALL NOT EXCEED THE DESIGN LOAD PER SQUARE FOOT.

OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION IS CHOSEN, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES, APPROVALS AND THE COORDINATION OF THE WORK WITH ALL RELATED TRADES AND SUPPLIERS.

ANY ERRORS OR OMISSIONS IN THESE CONSTRUCTION DOCUMENTS SHALL BE FIXED, PRIOR TO COMMENCING WORK, TO COMPLY WITH ALL APPLICABLE CODE REQUIREMENTS AS PER 2014 FBC, RESIDENTIAL SECTION R101.2.1 AND 2014 FBC, BUILDING SECTION 105.4.1

FOUNDATIONS NOTES:

FOOTINGS AND FOUNDATIONS DESIGN ARE BASED ON THE PRESUMABLE MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2500 P.S.F.

FOOTINGS AND FOUNDATIONS ARE TO BE PLACED ON COMPACTED SOIL FREE OF ANY ORGANIC MATERIAL. COMPACTION SHALL BE NO LESS THAN 95% MODIFIED PROCTOR. CONTRACTOR SHALL VERIFY SOIL SUITABILITY AND BEARING CAPACITY PRIOR TO CONCRETE PLACEMENT.

IF CONTRACTOR ESTIMATES THAT A DIFFERENT TYPE OF FOUNDATION TO THAT SPECIFIED IN THESE DRAWINGS WOULD BE MORE SUITABLE FOR THE CONDITIONS ON SITE OR FOR ANY OTHER CONSIDERATION, HE SHALL IMMEDIATELY DO A WRITTEN COMMUNICATION TO ENGINEER OF RECORD, ASKING FOR A SOLUTION.

CAST IN PLACE CONCRETE NOTES:

1. CONCRETE STRENGTH FOR FOOTINGS, FOUNDATIONS AND SLABS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 P.S.I. AT 28 DAYS.

2. CONCRETE COARSE GROUT FOR MASONRY COLUMNS AND BOND BEAMS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS.

3. ALL CONCRETE WORK TO BE IN ACCORDANCE WITH ACI 318 AND ACI 301 STRUCTURAL CONCRETE SPECIFICATIONS.

REINFORCEMENT STEEL NOTES:

1. ALL REINFORCING STEEL TO CONFORM WITH ASTM STANDARDS A615, A706, OR A996 GRADE 60 (60,000 P.S.I.) MINIMUM. LAP SPLICES SHALL BE 60 BAR DIAMETER (TYPICAL U.N.O.) ALL STEEL TO BE FREE FROM SCALE, OIL AND / OR RUST, U.N.O.

2. ALL HORIZONTAL BARS AROUND CORNERS SHALL BE BENT A MINIMUM OF 12 BAR DIAMETERS (BEND EXCLUDED).

3. IF THE OPTION OF WELDED WIRE IS SELECTED, ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.

4. ALL STIRRUPS AND TIES TO CONFORM TO ASTM A615, GRADE 60 MIN. MASONRY WALL CONSTRUCTION

CONCRETE MASONRY NOTES:

1. ALL CONCRETE MASONRY UNITS (CMU) TO CONFORM WITH ASTM C-30 OR ASTM C145 (FM=1900 P.S.I.)

2. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH ACI 530/ACI 530.1

3. MORTAR TO BE TYPE M OR S AND IN ACCORDANCE WITH ASTM C270.

WOOD FRAME CONSTRUCTION NOTES:

1. ALL WOOD FRAME CONSTRUCTION AS PER AF & PA WOOD FRAME CONSTRUCTION MANUAL.

2. BEARING WALLS SHALL BE SYP #2, U.N.O. ALL BEARING WALLS SHALL BE BLOCKED.

3. ALL STRUCTURAL WOOD MEMBERS TO BE CONTROLLED STRESS GRADE LUMBER WITH A MINIMUM FIBER STRESS AS PER NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).

4. ALL WOOD IN DIRECT CONTACT WITH CONCRETE, MASONRY OR GROUND TO BE EITHER PRESSURE TREATED WOOD OR PROTECTED FROM CONTACT WITH SEAT PLATES OR FELT PAPER.

5. WALL AND ROOF SHEATHING AS PER ROOF PLAN SPECIFICATIONS.

6. ANY NAILING AND/OR FASTENING REQUIREMENTS FOR WOOD TO WOOD CONNECTIONS SHALL NOT BE LESS THAN THOSE SPECIFIED IN TABLE R602.3(1) OF THE 2017 FBC, RESIDENTIAL

7. ALL ANCHOR BOLTS & WEDGE ANCHORS SHALL BE IN ACCORDANCE WITH ASTM A307, GRADE A.

COMPONENTS AND CLADDING CONSTRUCTION NOTES:

1. ALL COMPONENT AND CLADDING TO BE INSTALLED AND ANCHORED AS PER MANUFACTURERS SPECIFICATIONS AND IN ACCORDANCE WITH 2017 FBC-RESIDENTIAL SECTIONS R301 AND 2017 FBC-BUILDING CHAPTER 16.

2. PROVIDE INFORMATION AND APPROVAL NUMBERS ON BUILDING ENVELOPE AND STRUCTURAL COMPONENTS TO THE BUILDING AUTHORITY HAVING JURISDICTION PER FLORIDA STATUTE 553.842 AND FLORIDA ADMINISTRATIVE CODE 9B-72.

NOTE 1:

-FLOOR SLAB OF PLANT MIX CONCRETE 3000 P.S.I. 4" THICK WITH FIBER-MESH REINFORCEMENT OVER TERMITE TREATED SOIL WITH 6 MIL. POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL.
OR
-FLOOR SLAB OF PLANT MIX CONCRETE 3000 P.S.I. 4" THICK WITH 6x6 10/10 GAUGE REINFORCING MAT. WITH MIN 1" COVER. TERMITE TREATED SOIL WITH 6 MIL. POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL.

-AS AN ALTERNATIVE TO SOIL TREATMENT A REGISTERED TERMITICIDE FORMULATED AND REGISTERED AS A WOOD TREATMENT, AND APPLIED PER LABEL DIRECTIONS COULD BE USED FOR SUBTERRANEAN TERMITE PREVENTION PER SECTION R320.1.8 OF THE 2017 FBC-RESIDENTIAL CODE

-AS PER 2017 FBC-RESIDENTIAL CODE SECTIONS R320.8.1 AND R401.3. SITE SHALL BE GRADED TO PROVIDE DRAINAGE UNDER ALL PORTIONS OF STRUCTURE AND TO DRAIN SURFACE WATER AWAY FROM THE STRUCTURE

-ALL PLUMBING WORK SHALL COMPLY WITH THE 2017 FBC-RESIDENTIAL AND PLUMBING CODES

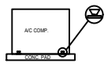
-IF MASONRY DOWEL HAS BEEN OMITTED, PROVIDE DOWEL IN PREDRILLED HOLE AND CEMENT WITH SIMPSON STRONG-TIE'S SET EPOXY. FOR A #5 REBAR (5/8" DIAMETER) DRILL A 3/4" DIAMETER HOLE TO A DEPTH OF 6" MIN. AND FILL WITH EPOXY ADHESIVE SYSTEM, FOLLOWING MANUFACTURER'S INSTRUCTIONS. USE THIS APPLICATION FOR PULLOUT FORCES UP TO 4010 LBS.

CONTRACTOR NOTE:
ALL DRILLED AND EPOXIED HOLES MUST BE PROPERLY VACCUMED, BRUSHED, AND BLOWN CLEAN PER MFGR'S RECOMMENDATIONS TO ACHIEVE UPLIFT CAPACITY

Anchorage of appliances.
Appliances designed to be fixed in position shall be fastened or anchored in an approved manner. Strapping shall be at points within the upper one-third and lower one-third of the appliance's vertical dimensions. At the lower point, the strapping shall maintain a minimum distance of 4 inches (102 mm) above the controls. Per M1307.2

Ground-mounted units.
Ground-mounted units for Group R3 residential applications may be anchored with #14 screws with gasketed washers according to the following.
1. For units with sides less than 12 inches (305 mm), one screw shall be used at each side of the unit
2. For units between 12 and 24 inches (305 and 610 mm), two screws shall be used per side.
3. For units between 24 and 36 inches (610 and 9144 mm), three screws shall be used per side.
4. For units greater than 36 inches or 5 tons (9144 mm and 18 kW), anchorage shall be designed in accordance with Section M1307.3.

Notes:
1. Corrosion protection. Buildings located within 3,000 feet (914 400 mm) of the ocean should utilize nonferrous metal, stainless steel or steel with minimum G-90 hot-dip galvanized coating for equipment stands and anchors and stainless steel screws.
2. Strapping. Job-site strengthening of fan cowlings and vent hoods is recommended. Two or four stainless steel cables are recommended, depending on design wind conditions. Alternatively, additional, heavy straps can be screwed to the cowling and curb.




# TRUSS NOTES

-NOTE TO TRUSS INSTALLER-FRAMER: FOLLOW BUILDING COMPONENT SAFETY INFORMATION (BCSI 1-03) DOCUMENTS BCSI-B1 BCSI-B2, BCSCI-B7 TO STORE, HANDLE, INSTALL, GROUND BRACE AND TEMPORARY BRACE TRUSSES OUT IN THE FIELD. DOCUMENTS ARE TYPICALLY INCLUDED W/TRUSS PACKAGES AND ARE READILY AVAILABLE FROM WTCA AT 608-310-6726.

-DRILL AND EPOXY AS PER MANUFACTURER'S SPECS. EPOXY=SIMPSON SET EPOXY

-(2)HETA 16 APPLICATION: EA. ANCHOR IS TO BE INSTALLED ON OPPOSITE SIDES OF WOOD MEMBER CENTERED IN MASONRY BOND BEAM W/ 8-16d NAILS PER STRAP.

-NOTE: ALL CONECTORS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURES RECOMENDATIONS INSTALLATION INSTRUCTIONS AND WITH ALL OF THE CATALOG SPECIFIED FASTNERS U.N.O.

-PIGGYBACK ASSEMBLY TO BE INSTALLED, BRACED & DIAGONALLY BRACED PER TRUSS DESING DRAWINGS AND TRUSS INSTALLATION DETAILS BY OTHERS.

CONNECTORS (U.N.O):
- TRUSSES TO C.M.U. WALLS: HETA16 W/ 9-10dX1 ½"
- TRUSSES TO WOOD BEAM OR BEARING WALLS: MTS12 W/ 14-10d X 1 ½"
- JACKS: (1) TJC37 W/ 6-8d X 1 ½" + 6-8d X 1 ½"

-NOTE: PROVIDE 2x BLOCKING AT RAISED HEEL TRUSSES

-NOTE: VALLEY SET TRUSSES W/MTS12 TO EACH TRUSS BELOW U.N.O. ON TRUSS ENGINEERING.

-HUC HANGER SHOULD BE INSTALLED SUCH THAT A MINIMUM END AND EDGE DISTANCE OF 1-1/2" IS MAINTAINED.

-MBHA 3.25-11.25 W/1-ATR 3/4"X8" W/ SIMPSON SET EPOXY @TOP & FACE OF CMU AND 18-10D TO BEAM

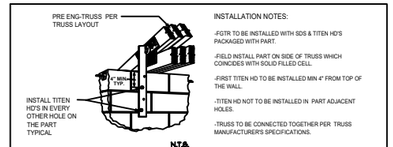
-AT EACH ENTRY BEAM BEARING POINT AT TOP CMU PROVIDE (2) HETA, 24. EA. HETA 24 W/11-10D OR (2) HTSM 20. EA. HTSM 20 W/ 10-10D & (4)-1/4X2-1/4 TITEN

-ONE HUC410 COULD BE USED IN LIEU OF THE MBHA. HUC410 W/10-16d TO BEAM & (18) 1/4"X2-3/4" TITENS OR TAPCONS TO CMU.

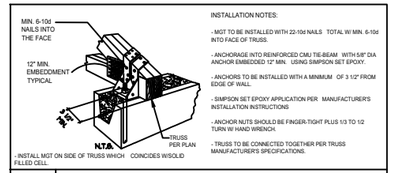
-WHERE TRUSS STRAPS ARE NOT IN PROPER PLACEMENT PROVIDE A (SIMPSON) HTSM16 FOR UPLIFTS UP TO 1,045 Lbs. HTSM16 W/8-10d x 1-½" & 4-1/4" x 2-1/4" MASONRY SCREWS . APPLIES TO A MAXIMUM OF 3 TRUSSES PER WALL.

-NOTE: ENGINEER OF RECORD TO BE NOTIFIED IMMEDIATELY IF TRUSS ENGINEERING VARIES OR DEVIATES FROM SEALED TRUSS PLAN/TRUSS PLACEMENT PLAN.

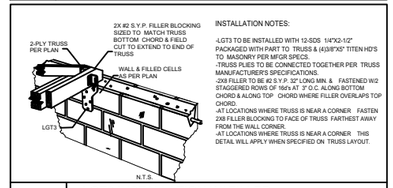
TRUSS SUPPORT, TRUSS BEARING CONDITIONS AND TRUSS CONECTIONS ARE BASED UPON ENGINERING DESIGN SUPPLIED BY CARPENTER CONTRACTOR OF AMERICA. DATED 08-25-2009. CONTRACTOR TO COMPLY W/ ANSI/TPI 1-2002 SECTION 2.6. TRUSS MANUFACTURER/ DESIGNER TO COMPLY WITH ANSI/TPI 1-2002 SECTION 2.7 & 2.8.




TYPICAL FGTR SINGLE INSTALLATION




TYPICAL MGT INSTALLATION




LGT3 INSTALLATION W/ FILLER

# ABBREVIATION LIST

| | |
|---|---|
| A.B. | Anchor Bolt |
| Abv. | Above |
| A/C | Air-Conditioner |
| Adj. | Adjustable |
| A.F.F. | Above Finished Floor |
| A.H.U. | Air Handler Unit |
| ALT. | Alternate |
| B.C. | Base Cabinet |
| B.F. | Bifold Door |
| Bk.Sh | Book Shelf |
| Bm. | Beam |
| BOT. | Bottom |
| B.P. | Bypass door |
| Brg. | Bearing |
| Cir. | Circle |
| Clg. | Ceiling |
| Col. | Column |
| Comp. | A/C Compressor |
| C.T. | Ceramic Tile |
| D | Dryer |
| Dec. | Decorative |
| Ded. | Dedicated Outlet |
| Dbl. | Double |
| Dia. | Diameter |
| Disp. | Disposal |
| Dist. | Distance |
| D.S. | Drawer Stack |
| D.V. | Dryer Vent |
| D.W. | Dishwasher |
| Ea. | Each |
| E.W. | Each Way |
| Elec. | Electrical |
| Elev. | Elevation |
| Ext. | Exterior |
| Exp. | Expansion |
| F.B.C. | Florida Bldg. Code |
| Fin. Flr. | Finished Floor |
| F.G. | Fixed Glass |
| Flr. | Floor |
| Fdn. | Foundation |
| Flr. Sys. | Floor System |
| F.Pl. | Fireplace |
| Ft. | Foot / Feet |
| Ftg. | Footing |
| FX | Fixed |
| Galv. | Galvanized |
| G.C. | General Contractor |
| G.F.I. | Ground Fault Interrupter |
| G.T. | Girder Truss |
| Hdr. | Header |
| Hgt. | Height |
| HB | Hose Bibb |
| Int. | Interior |
| K/Wall | Kneewall |
| K.S. | Knee Space |
| Laun. | Laundry |
| Lav. | Lavatory |
| L.F. | Linear Ft. |
| L.T. | Laundry Tub |
| Mas. | Masonry |
| Max | Maximum |
| M.C. | Medicine Cabinet |
| Mfgr. | Manufacturer |
| Micro. | Microwave |
| Min | Minimum |
| M.L. | Microlam |
| Mir. | Mirror |
| Mono | Monolithic |
| N.T.S. | Not to Scale |
| Opn'g. | Opening |
| Opt. | Optional |
| Pc. | Piece |
| Ped. | Pedestal |
| P.L. | Parallam |
| PLF | Pounds per linear foot |
| Plt. Ht. | Plate Height |
| Plt Sh. | Plant Shelf |
| PSF | Pounds per square foot |
| P.T. | Pressure Treated |
| Pwd. | Powder Room |
| Rad. | Radius |
| Ref. | Refrigerator |
| Req'd. | Required |
| Rm. | Room |
| Rnd. | Round |
| R/SH | Rod and Shelf |
| SD. | Smoke Detector |
| S.F. | Square Ft. |
| Sh. | Shelves |
| SHT | Sheet |
| S.L. | Side Lights |
| S.P.F. | Spruce Pine Fir |
| Sq. | Square |
| S.Y.P. | Southern Yellow Pine |
| Temp. | Tempered |
| Thik'n. | Thicken |
| T.O.B. | Top of Block |
| T.O.M. | Top of Masonry |
| T.O.P. | Top of Plate |
| Trans. | Transom Window |
| Typ. | Typical |
| UCL | Under Cabinet Lighting |
| U.N.O. | Unless Noted Otherwise |
| VB | Vanity Base |
| Vert. | Vertical |
| V.L. | Versalam |
| VTR | Vent through Roof |
| W | Washer |
| W/ | With |
| W/C | Water Closet |
| W.A. | Wedge Anchor |
| Wd | Wood |
| WP | Water Proof |

# SIMPSON CONNECTORS

EACH FLOOR TRUSS ATTACHED TO CMU WITH (1) HETA16 W/10-10d x 1 1/2 (CAP=1810#) & AT FRAME CONNECTION WITH (1) MTS12 W/14-10d x 1 1/2".(CAP=1000#)

EACH ROOF TRUSS AT CMU TO BE ATTACHED WITH (1)-HETA16 W/10-10d x 1 1/2" NAILS (CAP=1810 #).

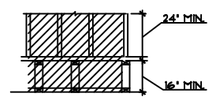
EACH ROOF TRUSS AT FRAME CONNECTION TO BE ATTACHED WITH (1)-MTS12 W/14-10d x 1 1/2" (CAP .=1000#)

ENDJACKS AND CORNER SETS MAY BE (1)-H-10

ROOF SHEATHING TO BE 1/2" NOMINAL APA SHEATHING RATED 24/0 NAILED WITH 8d RING-SHANK NAILS OR 0.131 X 2-1/2" DEFORMED SHANK GUN NAIL AT 4" O.C. AT PANEL EDGES AND 6" O.C. AT PANELS INTERMEDIATE FRAMING U.N.O. PER R803.2.3.1 8d RING SHANK NAILS SHALL HAVE AMINIMUM 0.113" NOMINAL SHANK DIAMETER, A RING DIAMETER OF 0.012 OVER SHANK DIAMETER WITH 16 TO 20 RINGS PER INCH, A 0.280" FULL ROUND HEAD DIAMETER AND A 2" MINIMUM NAIL LENGTH. NOTE DEFORMED SHANK EQUALS EITHER SCREW OR RING SHANK.

WALL SHEATHING TO BE 15/32" CDX OR 7/16" OSB NAILED WITH 8D COMMON NAILS AT 6" O.C. FIELD AND AT 4" O.C. EDGE (U. N. O.) NOTE IN LIEU OF 8D 1 NAILS, PASLODE 2 " x 0.099" DIAMETER POWER 4 DRIVEN COATED SCREW SHANK NAILS MAY BE USED AT 6" O.C. FIELD AND AT 3" O.C. EDGE (U. N. O.). WITHOUT STRUCTURAL SHEATHING

EXTERIOR BEARING WALLS TO BE 2x (SEE FLOOR PLAN) #2 SYP @ 16" O.C. U.N.O. W/ 1-H3 AT TOP @ 32" O.C. (SIMPSON APPROVED EQUAL IS A SP2 1 @ TOP) PROVIDE " (N.O.M.) EXTERIOR STRUCTURAL 2 SHEATHING, BEGINNING AT THE BOTTOM OF THE FLOOR SYSTEM AND EXTEND A MIN. OF 24" ABV. THE SOLE PLATE OF THE 2ND. FLOOR STUD WALL. NAIL W/ 1 8d x 2 " @ 4" O.C. AT THE PERIMETERS & 6" O.C. IN 2 THE FIELD AND A MIN. OF 6 NAILS STAGGERED IN THE FLOOR SYSTEM & 6 NAILS IN THE STUD ABV.




Guida Design Group
2415 Sand Lake Rd., Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

STRUCTURAL NOTES

JENNAH AND ASSOCIATES INC MODEL 1802 MASTER

Job No. 19-4600

Drawn By: R.G

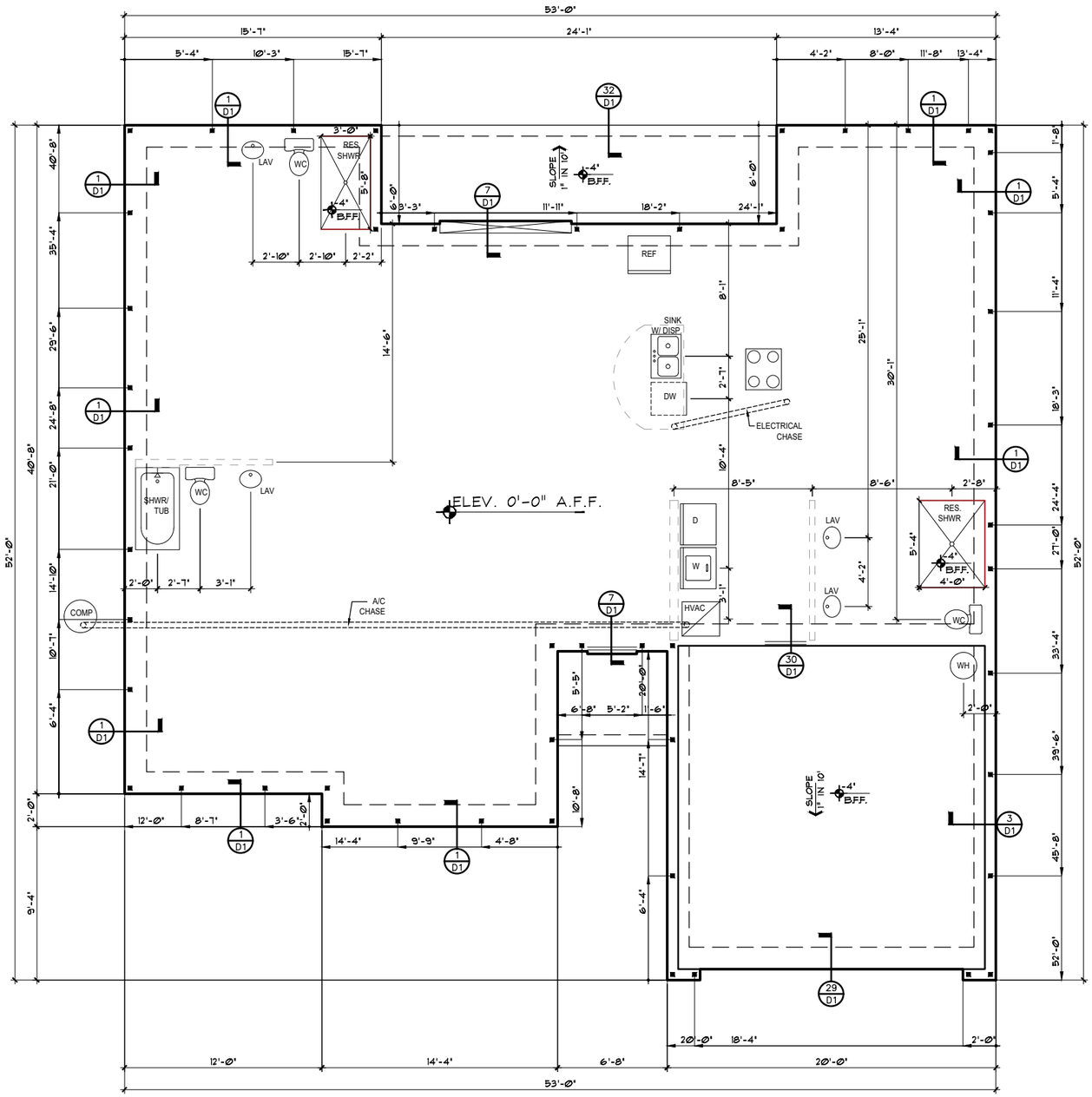
Date: 00.00.18

Scale: 1/8"(11X17) 1/4"(24X36)

Lot #: N/A

S0

ALBERTO GUIDA
PE #: 74000 FL




## FOUNDATION

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

MATERIALS (U.N.O.):

1. CONCRETE: f'c=2,500 psi
2. REBAR: fy=60 ksi
3. WOOD STRUCTURAL ELEMENTS: S.Y.P. #2
4. SOIL (ALLOW. BEARING PRESS.): 2000 psf
5. BEARING LEVEL SOILS SHOULD EXHIBIT A DENSITY OF AT LEAST 95% OF THE MAX. DRY DENSITY AS DETERMINED BY ASTM D1557 TO DEPTH OF AT LEAST 1 FT BELOW FOUNDATION LEVEL

NOTE

TRUSS LAYOUT MUST BE CHECKED TO CONFIRM THE LOCATION OF BEARING WALLS.

THEIR FOUNDATIONS SHALL BE INDICATED IN DETAIL (8-D1) AT THIS PAGE

- INDICATES TWO-STORY BEARING FOOTING

■ -INDICATES A CONCRETE FILLED CELL OF 8" C.M.U. WALL WITH (1)-#5 ~ REBAR VERT. CONT. FROM FOUNDATION TO BOND BEAM. PROVIDE A MIN. OF 25" LAP ON ALL STEEL REINFORCING BARS.

□ -INDICATES GROUTED CELL

**WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and Guida Design Group. must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.**

Guida Design Group
2415 Sand Lake Rd, Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

# FOUNDATION PLAN

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

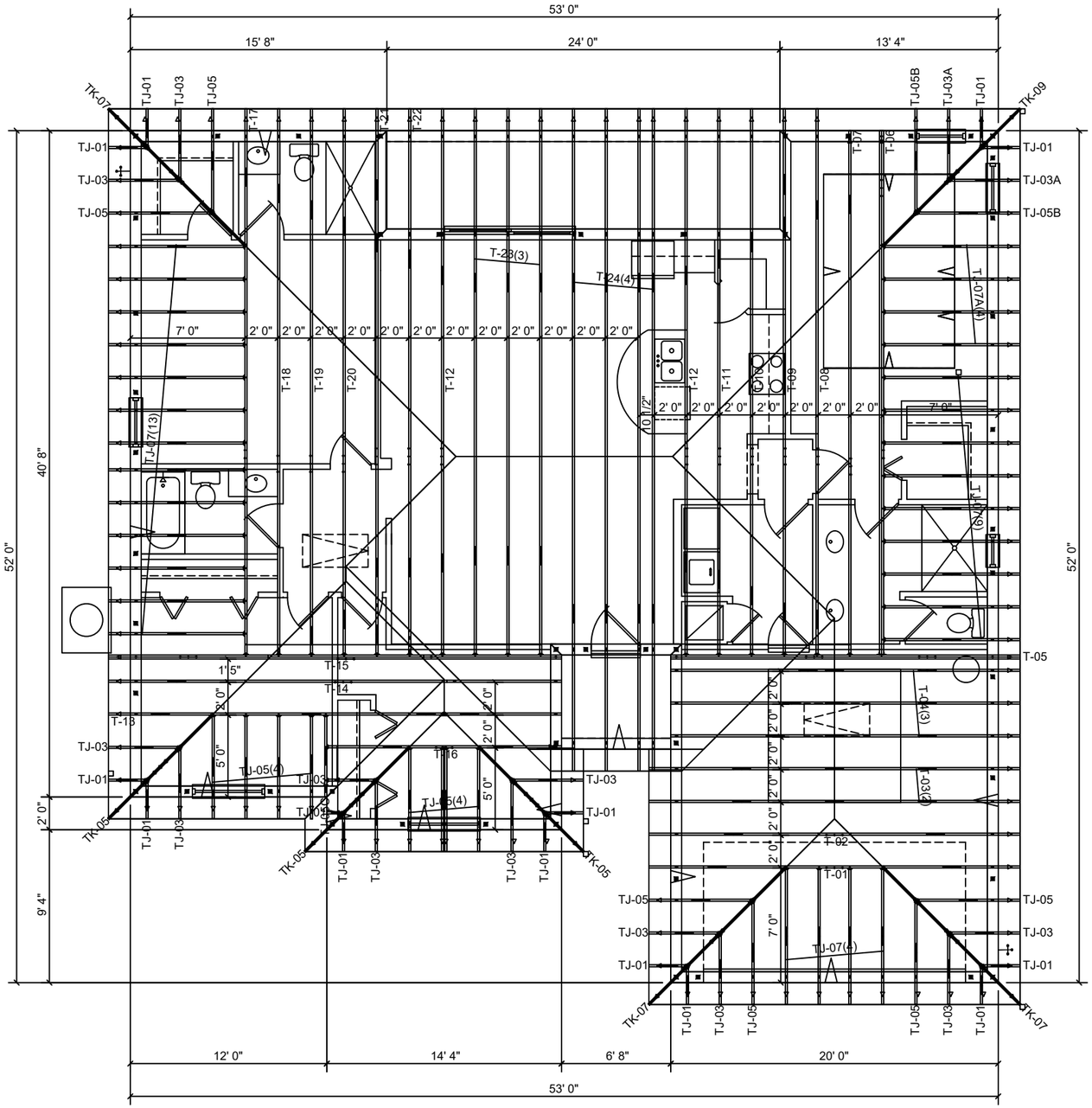
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

S1

ALBERTO GUIDA
PE #: 74000 FL




ROOF

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

Guida Design Group
2415 Sand Lake Rd, Suite J, Orlando fl 32809
Phone: 321.663.7022
email: alberto@guidadesigngroup.com
www.guidadesigngroup.com

# ROOF TRUSSES

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

S2

ALBERTO GUIDA
PE #: 74000 FL

## SAFE LOAD TABLES FOR GRAVITY, UPLIFT + LATERAL LOADS

### 8" PRECAST & PRESTRESSED U-LINTELS

| CAST-CRETE | GRAVITY | | | | | | | | UPLIFT | | | | | | | LATERAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LENGTH \ TYPE | 8U8 | 8F8–0B | 8F12–0B | 8F16–0B | 8F20–0B | 8F24–0B | 8F28–0B | 8F32–0B | 8F8–1T | 8F12–1T | 8F16–1T | 8F20–1T | 8F24–1T | 8F28–1T | 8F32–1T | 8U8 | 8F8 |
| | | 8F8–1B | 8F12–1B | 8F16–1B | 8F20–1B | 8F24–1B | 8F28–1B | 8F32–1B | 8F8–2T | 8F12–2T | 8F16–2T | 8F20–2T | 8F24–2T | 8F28–2T | 8F32–2T | | |
| 2'–10(34") PRECAST | 2302 | 3166 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 | 2727 | 2878 | 4101 | 5332 | 6569 | 7811 | 9055 | 2021 | 2021 |
| | | 3166 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 | 2727 | 2784 | 3981 | 5190 | 6407 | 7630 | 8857 | | |
| 3'–6"(42") PRECAST | 2302 | 3138 | 3377 | 4689 | 6001 | 7315 | 8630 | 9947 | 2165 | 2289 | 3260 | 4237 | 5219 | 6204 | 7192 | 1257 | 1257 |
| | | 3166 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 | 2165 | 2215 | 3165 | 4125 | 5091 | 6061 | 7036 | | |
| 4'–0"(48") PRECAST | 2029 | 2325 | 2496 | 3467 | 4438 | 5410 | 6384 | 7358 | 1878 | 1989 | 2832 | 3680 | 4532 | 5387 | 6245 | 938 | 938 |
| | | 2646 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 | 1878 | 1925 | 2750 | 3583 | 4422 | 5264 | 6110 | | |
| 4'–6"(54") PRECAST | 1651 | 1787 | 1913 | 2657 | 3403 | 4149 | 4896 | 5644 | 1660 | 1762 | 2507 | 3257 | 4010 | 4767 | 5525 | 727 | 727 |
| | | 2170 | 4027 | 6039 | 7526 | 9004 | 10472 | 9668 | 1660 | 1705 | 2435 | 3171 | 3913 | 4658 | 5406 | | |
| 5'–4"(64") PRECAST | 1184 | 1223 | 1301 | 1809 | 2317 | 2826 | 3336 | 3846 | 1393* | 1484 | 2110 | 2741 | 3375 | 4010 | 4648 | 505 | 505 |
| | | 1665 | 2889 | 5057 | 6096 | 5400 | 6424 | 7450 | 1393 | 1437 | 2050 | 2670 | 3293 | 3920 | 4549 | | |
| 5'–10(70") PRECAST | 972 | 1000 | 1059 | 1474 | 1889 | 2304 | 2721 | 3137 | 1272* | 1357 | 1930 | 2505 | 3084 | 3665 | 4247 | 418 | 418 |
| | | 1459 | 2464 | 4144 | 5458 | 4437 | 5280 | 6122 | 1272 | 1315 | 1875 | 2441 | 3010 | 3583 | 4157 | | |
| 6'–6"(78") PRECAST | 937 | 1255 | 2101 | 3263 | 2746 | 3358 | 3971 | 4585 | 1141* | 1200 | 1733 | 2250 | 2769 | 3290 | 3812 | 707 | 887 |
| | | 1255 | 2101 | 3396 | 5260 | 7134 | 8995 | 6890 | 1141 | 1182 | 1684 | 2192 | 2703 | 3216 | 3732 | | |
| 7'–6"(90") PRECAST | 767 | 1029 | 1675 | 2385 | 1994 | 2439 | 2886 | 3333 | 959* | 912 | 1475 | 1914 | 2354 | 2797 | 3240 | 591 | 657 |
| | | 1029 | 1675 | 2610 | 3839 | 5596 | 6613 | 5047 | 990 | 1029 | 1466 | 1907 | 2351 | 2797 | 3245 | | |
| 9'–4"(112")PRECAST | 573 | 632 | 1049 | 1469 | 1210 | 1482 | 1754 | 2027 | 801* | 612 | 980 | 1269 | 1560 | 1852 | 2144 | 454 | 630 |
| | | 768 | 1212 | 1818 | 2544 | 3469 | 4030 | 3127 | 801 | 755 | 1192 | 1550 | 1910 | 2271 | 2634 | | |
| 10'–6(126") PRECAST | 456 | 482 | 802 | 1125 | 915 | 1122 | 1328 | 1535 | 716* | 498 | 793 | 1027 | 1261 | 1496 | 1731 | 396 | 493 |
| | | 658 | 1025 | 1514 | 2081 | 2774 | 3130 | 2404 | 716 | 611 | 1039 | 1389 | 1711 | 2034 | 2358 | | |
| 11'–4(136") PRECAST | 445 | 598 | 935 | 1365 | 1854 | 2355 | 1793 | 2075 | 666* | 439 | 696 | 899 | 1104 | 1309 | 1515 | 363 | 556 |
| | | 598 | 935 | 1365 | 1854 | 2441 | 3155 | 4044 | 666 | 535 | 905 | 1295 | 1595 | 1896 | 2198 | | |
| 12'–0(144") PRECAST | 414 | 545 | 864 | 1254 | 1689 | 2074 | 1570 | 1818 | 607* | 400 | 631 | 816 | 1001 | 1186 | 1372 | 340 | 494 |
| | | 555 | 864 | 1254 | 1693 | 2211 | 2832 | 3590 | 631 | 486 | 818 | 1209 | 1514 | 1799 | 2086 | | |
| 13'–4(160") PRECAST | 362 | 427 | 726 | 1028 | 1331 | 1635 | 1224 | 1418 | 500* | 340 | 532 | 686 | 841 | 997 | 1153 | 302 | 398 |
| | | 485 | 748 | 1076 | 1438 | 1855 | 2343 | 2920 | 573 | 409 | 682 | 1004 | 1367 | 1637 | 1897 | | |
| 14'–0(168") PRECAST | 338 | 381 | 648 | 919 | 1190 | 1462 | 1087 | 1260 | 458* | 316 | 493 | 635 | 778 | 922 | 1065 | 286 | 360 |
| | | 455 | 700 | 1003 | 1335 | 1714 | 2153 | 2666 | 548 | 378 | 629 | 922 | 1254 | 1567 | 1816 | | |
| 14'–8" (176") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 243 | 295 | 459 | 591 | 724 | 857 | 990 | N.R. | 357 |
| | | 465 | 765 | 1370 | 2045 | 2610 | 3185 | 3765 | 243 | 352 | 582 | 852 | 1156 | 1491 | 1742 | | |
| 15'–4" (184") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 228 | 278 | 430 | 553 | 677 | 801 | 925 | N.R. | 327 |
| | | 420 | 695 | 1250 | 1855 | 2370 | 2890 | 3410 | 228 | 329 | 542 | 791 | 1072 | 1381 | 1676 | | |
| 17'–4" (208") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 188 | 236 | 361 | 464 | 567 | 670 | 774 | N.R. | 255 |
| | | 310 | 530 | 950 | 1400 | 1800 | 2200 | 2600 | 188 | 276 | 449 | 649 | 874 | 1121 | 1389 | | |
| 19'–4" (232") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 165 | 207 | 313 | 401 | 490 | 578 | 667 | N.R. | 204 |
| | | 240 | 400 | 750 | 1090 | 1400 | 1720 | 2030 | 165 | 239 | 383 | 550 | 736 | 940 | 1160 | | |
| 21'–4" (256") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 145 | 186 | 278 | 356 | 433 | 512 | 590 | N.R. | 172 |
| | | 183 | 330 | 610 | 940 | 1340 | 1780 | 2110 | 142 | 212 | 336 | 477 | 635 | 807 | 993 | | |
| 22'–0" (264") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 140 | 180 | 268 | 343 | 418 | 493 | 568 | N.R. | 161 |
| | | 160 | 300 | 570 | 870 | 1250 | 1660 | 1970 | 137 | 205 | 322 | 457 | 607 | 771 | 947 | | |
| 24'–0" (288") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR | 127 | 165 | 244 | 312 | 380 | 447 | 515 | N.R. | 135 |
| | | 130 | 240 | 470 | 720 | 1030 | 1350 | 1610 | 124 | 186 | 290 | 408 | 538 | 680 | 833 | | |

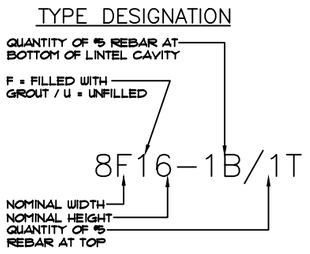
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

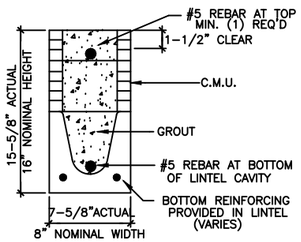
### 8" PRECAST W/ 2" RECESS DOOR U-LINTELS

| CAST-CRETE | GRAVITY | | | | | | | | UPLIFT | | | | | | | LATERAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LENGTH \ TYPE | 8RU6 | 8RF6–0B | 8RF10–0B | 8RF14–0B | 8RF18–0B | 8RF22–0B | 8RF26–0B | 8RF30–0B | 8RF6–1T | 8RF10–1T | 8RF14–1T | 8RF18–1T | 8RF22–1T | 8RF26–1T | 8RF30–1T | 8RU6 | 8RF6 |
| | | 8RF6–1B | 8RF10–1B | 8RF14–1B | 8RF18–1B | 8RF22–1B | 8RF26–1B | 8RF30–1B | 8RF6–2T | 8RF10–2T | 8RF14–2T | 8RF18–2T | 8RF22–2T | 8RF26–2T | 8RF30–2T | | |
| 4'–4" (52") PRECAST | 1489 | 1591 | 3053 | 2982 | 3954 | 4929 | 5904 | 6880 | 1244 | 1573 | 2413 | 3260 | 4112 | 4967 | 5825 | 932 | 932 |
| | | 1827 | 3412 | 4982 | 6472 | 7947 | 9416 | 10878 | 1244 | 1519 | 2339 | 3170 | 4008 | 4850 | 5696 | | |
| 4'–6" (54") PRECAST | 1357 | 1449 | 2782 | 2714 | 3600 | 4487 | 5375 | 6264 | 1192 | 1507 | 2311 | 3121 | 3937 | 4756 | 5577 | 853 | 853 |
| | | 1702 | 3412 | 4982 | 6472 | 7947 | 9416 | 10878 | 1192 | 1455 | 2240 | 3036 | 3837 | 4643 | 5453 | | |
| 5'–8" (68") PRECAST | 785 | 832 | 1602 | 1550 | 2058 | 2566 | 3075 | 3585 | 924* | 1172 | 1795 | 2423 | 3055 | 3689 | 4325 | 501 | 501 |
| | | 1153 | 2162 | 4074 | 6472 | 6516 | 5814 | 6839 | 924 | 1132 | 1741 | 2357 | 2978 | 3603 | 4230 | | |
| 5'–10(70") PRECAST | 735 | 779 | 1500 | 1449 | 1924 | 2400 | 2876 | 3352 | 896* | 1138 | 1742 | 2352 | 2965 | 3581 | 4198 | 469 | 469 |
| | | 1103 | 2051 | 3811 | 6472 | 6516 | 5450 | 6411 | 896 | 1099 | 1690 | 2288 | 2891 | 3497 | 4106 | | |
| 6'–8" (80") PRECAST | 822 | 907 | 1677 | 2933 | 2576 | 3223 | 3872 | 4522 | 778 | 882 | 1513 | 2042 | 2573 | 3107 | 3642 | 830 | 1100 |
| | | 907 | 1677 | 2933 | 4100 | 6730 | 8177 | 6707 | 778 | 956 | 1468 | 1987 | 2509 | 3035 | 3563 | | |
| 7'–6" (90") PRECAST | 665 | 761 | 1377 | 2252 | 1958 | 2451 | 2944 | 3439 | 688 | 697 | 1325 | 1810 | 2280 | 2753 | 3227 | 710 | 941 |
| | | 764 | 1377 | 2329 | 3609 | 5492 | 6624 | 5132 | 688 | 849 | 1302 | 1762 | 2225 | 2690 | 3157 | | |
| 9'–8" (116")PRECAST | 371 | 420 | 834 | 1253 | 1071 | 1342 | 1614 | 1886 | 533* | 433 | 808 | 1123 | 1413 | 1704 | 1995 | 516 | 614 |
| | | 535 | 928 | 1497 | 2179 | 2618 | 3595 | 2875 | 533 | 527 | 1009 | 1369 | 1728 | 2088 | 2450 | | |

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

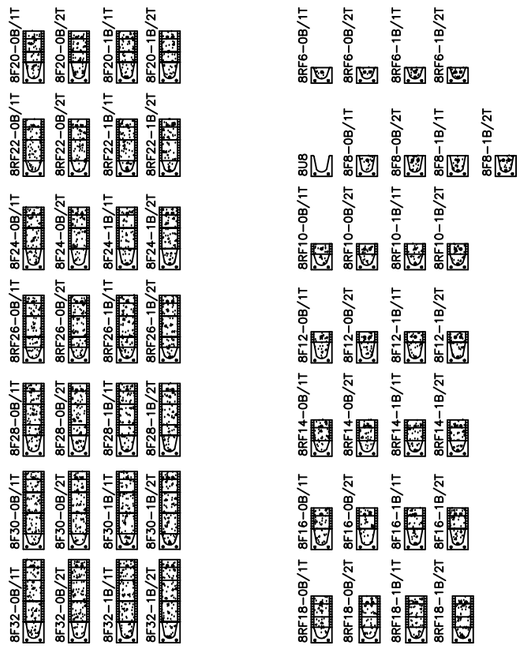
### TYPE DESIGNATION




CAST-CRETE

## LINTEL DESIGNATION / SECTIONS




## GENERAL INSTALLATION NOTES

Provide full mortar head and bed joints.
1. Shore filled lintels as required.
2. Installation of lintel must comply with the architectural and/or structural drawings.
3. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate
4. vertical cell reinforcing and grouting. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and
5. longer with a nominal height of 8" meet or exceed L/180. Bottom field added rebar to be located at the bottom of the lintel cavity.
6. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage. 7
. Cast-in-place concrete may be provided in composite lintel in lieu of concrete
8. masonry units. Safe load ratings based on rational design analysis per ACI 318 and ACI 530 9.

## SAFE LOAD TABLE NOTES

1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only. The designer may evaluate concentrated loads from the safe load tables by
7. calculating the maximum resisting moment and shear at d-away from the face of support.
8. For composite lintel heights not shown, use safe load from next lower height. All safe loads in units of pounds per linear foot. 9.

## MATERIALS

f'c precast lintels = 3500 psi.
1. f'c prestressed lintels = 6000 psi.
2. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
3. Concrete masonry units (CMU) per ASTM C90 w/
4. minimum net area compressive strength = 1900 psi. Rebar provided in precast lintel per ASTM A615 GR60.
5. Field rebar per ASTM A615 GR40 or GR60. Prestressing strand per ASTM A416 grade
6. 270 low relaxation. 7/32 wire per ASTM A510.
7. Mortar per ASTM C270 type M or S. 8.

NOTE: THIS INFORMATION IS BASED ON THE DATA SUPPLIED BY CAST-CRETE AND IT'S ENGINEERS.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and BIGDesign. must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.


Guida Design Group
2415 Sand Lake Rd, Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com


LINTEL NOTES

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

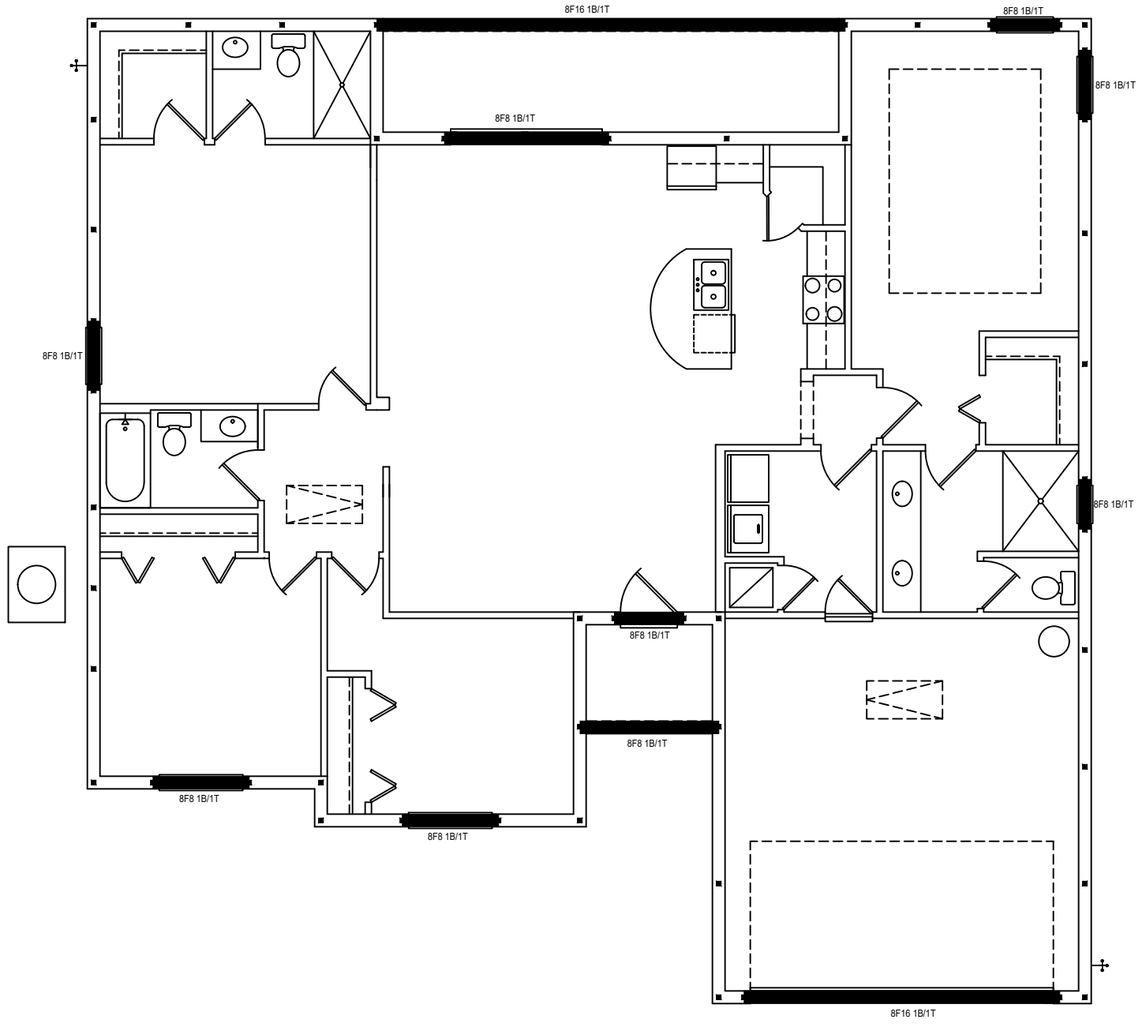
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

S3

ALBERTO GUIDA
PE #: 74000 FL

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email: admin@guidadesigngroup.com
www.guidadesigngroup.com

# LINTEL PLAN

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

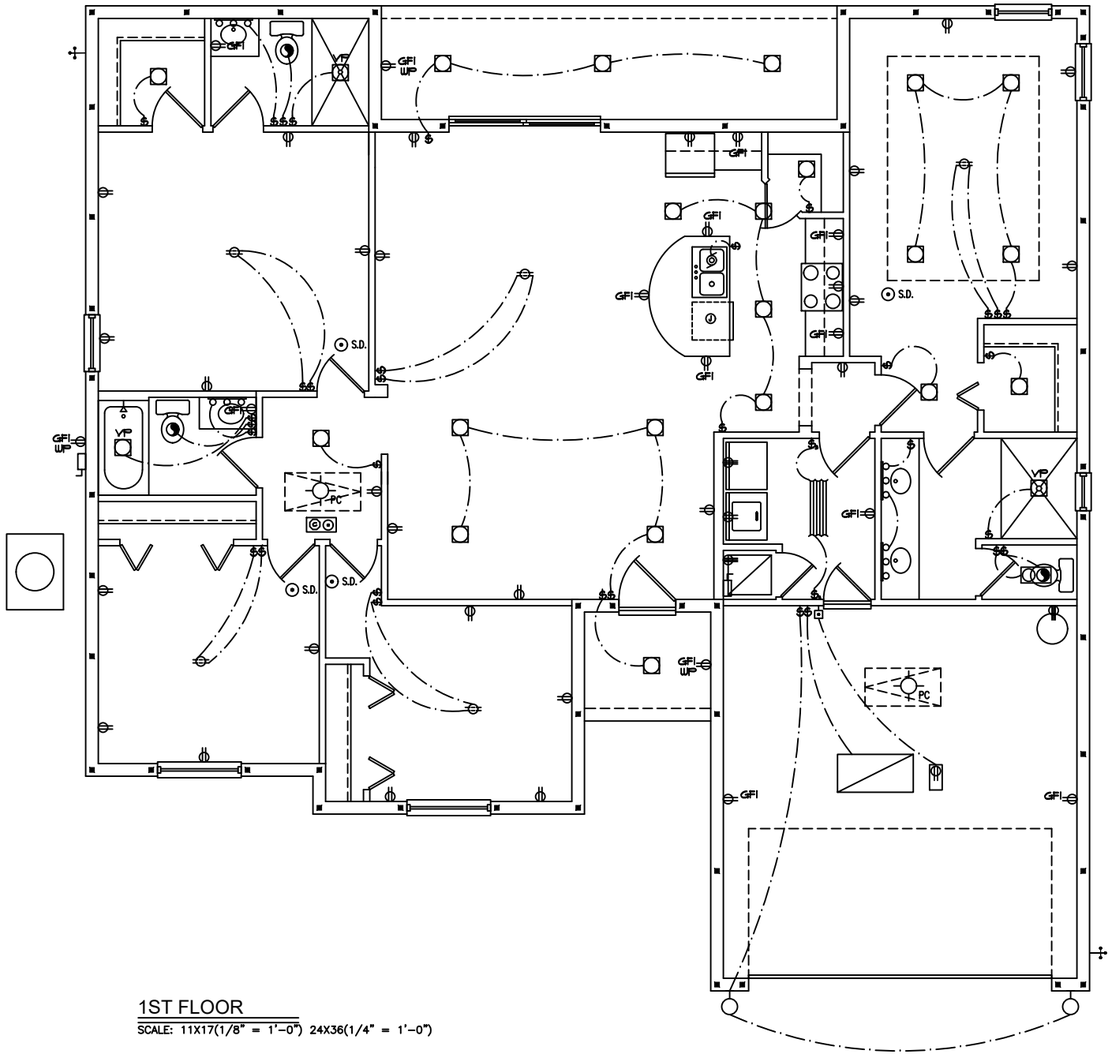
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

S4

ALBERTO GUIDA
PE #: 74000 FL




1ST FLOOR

SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")

## ELECTRICAL FIXTURE NOTES

ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK TO COMPLY WITH 2014 N.E.C.

2. ALL 120-VOLT SINGLE PHASE 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOM, LIVING ROOM, PARLOR LIBRARIES, DENS, BEDROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOM OR AREAS SHALL BE PROTECTED BY A LISTED ARC-BUILT CIRCUIT INTERRUPTER COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT [2014 N.E.C. 210.12(8)].

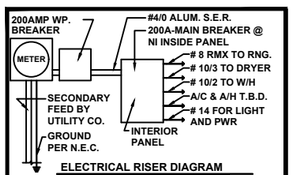
3. IN ALL AREAS SPECIFIED IN 2014 N.E.C. 210.52 ALL 125-VOLT, 15 AND 20 AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES (2014 N.E.C. 206.11).

4. A MINIMUM OF ONE COMMUNICATION OUTLET SHALL BE INSTALLED WITHIN THE DWELLING AND CABLED TO THE SERVICE PROVIDER DEMARCATION POINT (2014 N.E.C. 800.156).

5. GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL (2014 N.E.C. 210.8)

A. DWELLING UNITS: ALL 125-VOLT, SINGLE-PHASE 15 AND 20 - AMPERES RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED IN:

1. BATHROOMS.
2. GARAGE AND ALSO ACCESSORY BUILDINGS THAT HAVE FLOOR LOCATED AT OR BELOW GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS , WORK AREAS AND AREAS OF SIMILAR USE.
3. OUTDOORS.
4. KITCHEN-WHERE THE RECEPTACLE ARE INSTALLED TO SERVE THE COUNTERTOP SURFACE.
5. LAUNDRY, UTILITY AND WET BAR SINK - WHERE THE RECEPTACLE ARE INSTALLED WITHIN 1.8 M (6 FT) TO THE EDGE OF THE SINK.




ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (8), LOCAL CODES, AND THE LOCAL POWER COMPANY.

## FIXTURE LEGEND

- Pendant Mounted Light
- Ceiling Mounted Light
- Pull Chain Light
- Recessed Light
- Wall Mounted Light
- Wall Wash Recessed
- Duplex Receptacle
- 220 V Receptacle
- 1/2 hot, 1/2 switched
- Water Proof Receptacle
- Floor Receptacle
- Pre-Wire for Clg. Fan
- Ground Fault Interrupt
- Wall Switch
- 3-Way Switch
- Dimmer Switch
- Telephone Jack
- Cable Jack
- Pre-Wire Garage Door Opener
- Fluorescent Light
- Electrical Panel
- Chime
- Door Bell/Garage Door Switch
- Disconnect Switch
- Electrical Meter
- Smoke Detector
- Ceiling Fan
- Chandelier
- Spot Light
- Flush Mount Fluorescent Light
- Exhaust Fan
- Fan/Light Combination
- Garbage Disposal Motor
- Speaker
- Junction Box
- Track Lighting
- Theatrical Strip
- Carbon Monoxide Detector
- Carbon Monoxide & Smoke Detector Combo

## NOTES:

1. OWNER/BUILDER TO VERIFY EXACT LOCATION OF FLOOR OUTLETS IN FIELD.
2. LOCATION OF FIXTURES AND/OR OUTLETS ARE SUGGESTED LOCATIONS AND MEET MOST LOCAL CODE REQUIREMENTS. ADDITIONS OR ADJUSTMENTS MAY BE MADE BETWEEN OWNER AND BUILDER IN THE FIELD, OR BY RESIDENTIAL PLANNERS INC. AS ADDITIONAL SERVICES.
3. ALL OULETS IN THE KITCHEN, BATHROOMS, GARAGE AND EXTERIOR TO BE GFCI. ALL OUTLETS IN BEDROOMS TO BE AFCI.
4. ALL OULETS OVER COUNTERTOPS TO BE 42" A.F.F UNLESS OTHERWISE NOTED.
5. ALL SMOKE DETECTORS TO BE HARD WIRED, INTERCONNECTED AND BE INSTALLED PER NFPA 72 CURRENT EDITION. RECEPTACLES WITHIN 6' OF A LAUNDRY SINK MUST BE G.F.C.I.
6. PROTECTED PER NEC 210.5 [C].
7. RECEPTACLES IN WET LOCATIONS PER NEC 406.8 [B] [1]. 8. ALL ELECTRICAL SHALL COMPLY TO NATIONAL ELECTRICAL CODE 2014. 9. ELECTRICAL METER AND PANEL LOCATION MAY VARY AS PER SERVICE ENTRANCE LOCATION.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and BKDesign . Must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

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# 1ST ELCT FLOOR DOOR LAYOUT

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

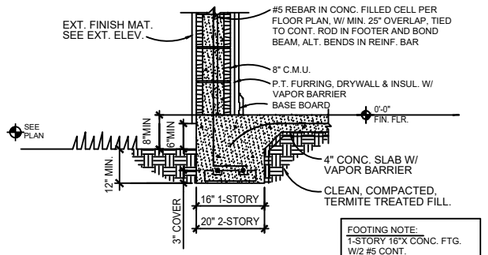
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

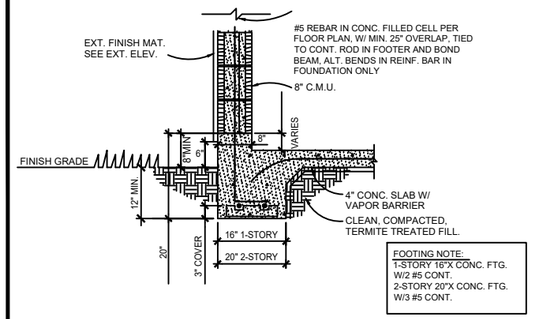
Lot #:
N/A

E1

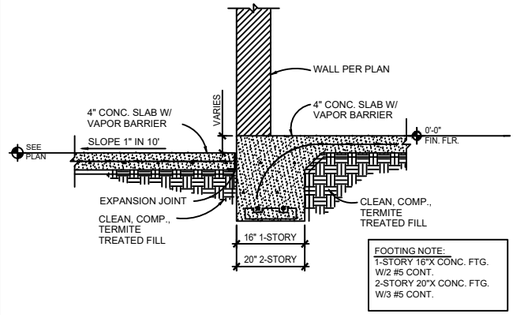
ALBERTO GUIDA
PE #: 74000 FL



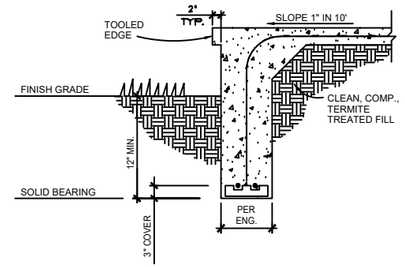

1 EXTERIOR WALL TYP. SCALE: N.T.S



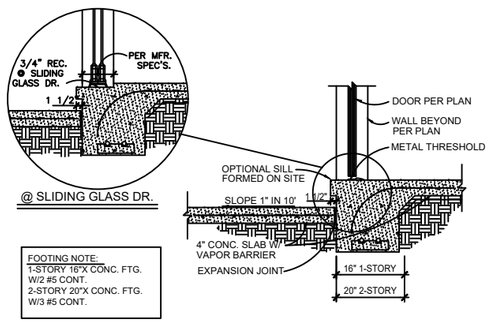

3 GARAGE CURB TYP. SCALE: N.T.S



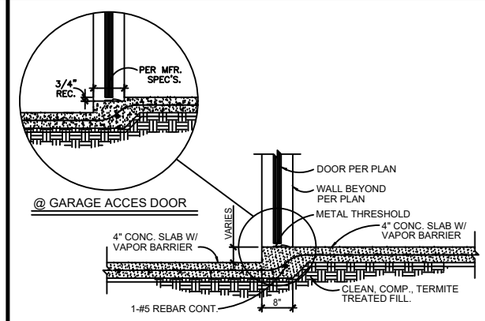

6A PORCH AT HOUSE SCALE: N.T.S.



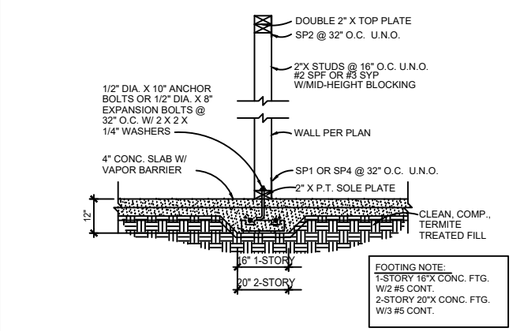

6B RAISED PORCH FOOTING SCALE: N.T.S.



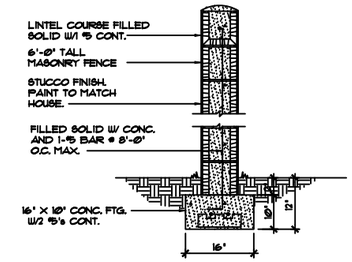

7 EXTERIOR DOOR SILL SCALE: N.T.S



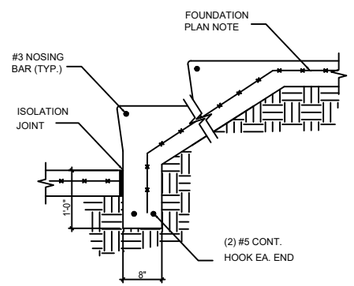

7B INTERIOR DOOR SILL SCALE: N.T.S



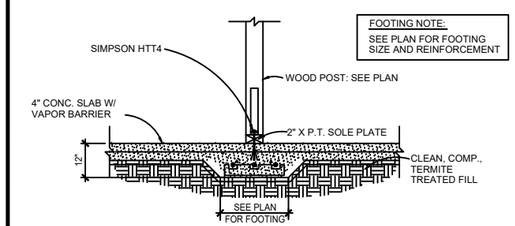

8 INTERIOR BEARING SCALE: N.T.S



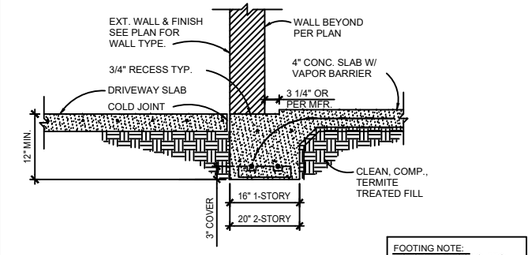

54 WING WALL DETAIL SCALE: 3/4" = 1'-0"



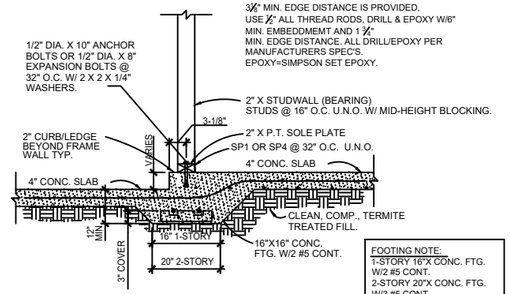

11 TYPICAL STAIRS ON GRADE SCALE: N.T.S.



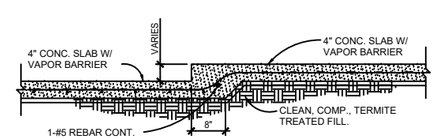

13 TYP. WOOD POST FTG. SCALE: N.T.S



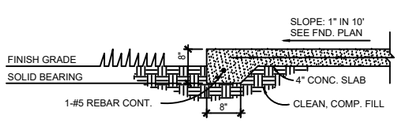

29 GARAGE DOOR FOOTING SCALE: N.T.S



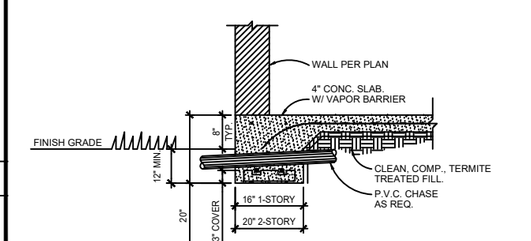

31 STEP IN SLAB, BEARING SCALE: N.T.S



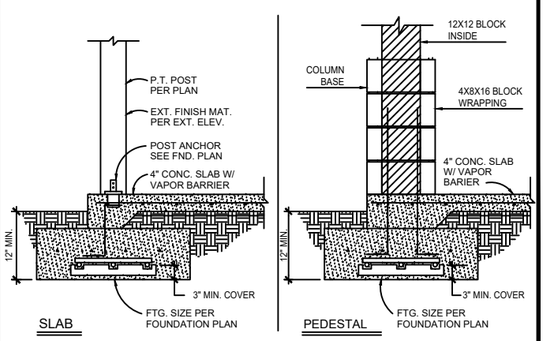

30 STEP IN SLAB, NON-BEARING SCALE: N.T.S



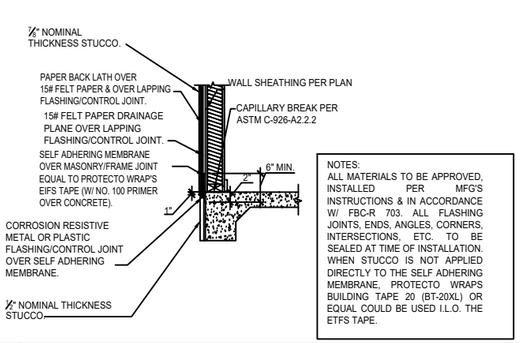

32 8" THICKENED EDGE SCALE: N.T.S




34 UTILITY CHASE SCALE: N.T.S




56 POST/FOOTING CONNECTION SCALE: N.T.S




X DETNUM SCALE: N.T.S

Guida Design Group
2415 Sand Lake Rd., Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

# DETAILS

JENNAH AND ASSOCIATES INC MODEL 1802 MASTER

Job No. 19-4600

Drawn By: R.G

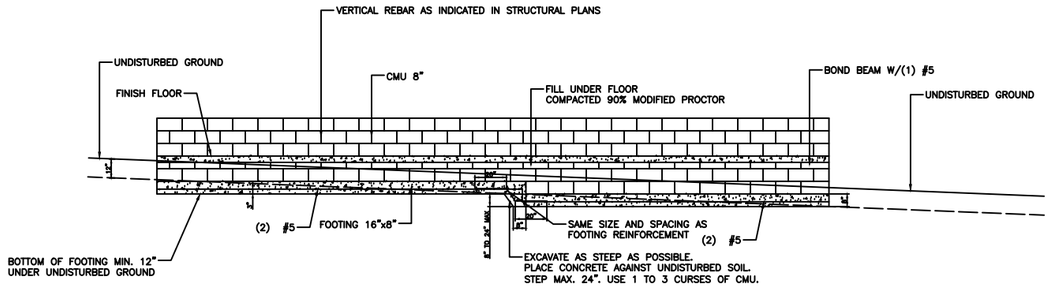
Date: 00.00.18

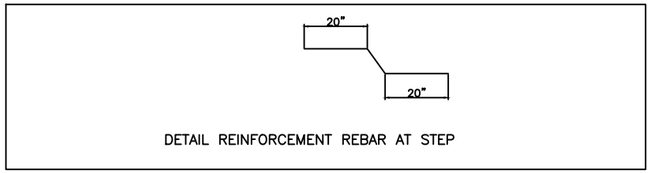
Scale: 1/8"(11X17) 1/4"(24X36)

Lot #: N/A

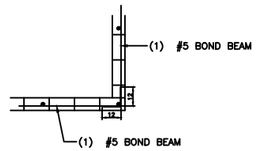
D1

ALBERTO GUIDA
PE #: 74000 FL

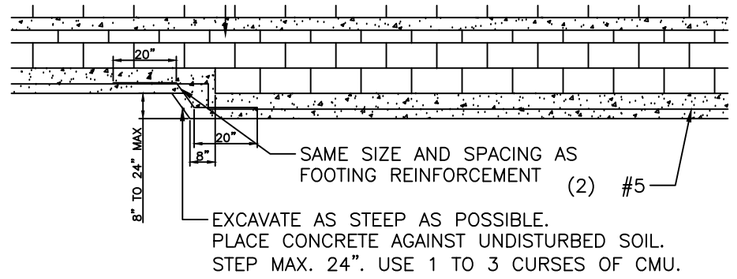



10–DETAIL OF STEPPED FOUNDATION

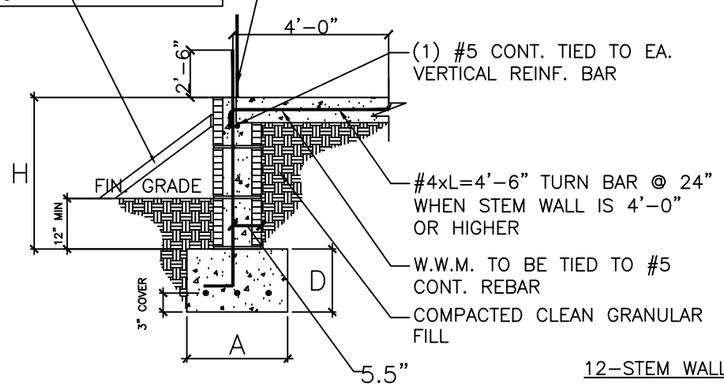



11–DETAIL REINFORCEMENT OF
BOND BEAM AT CORNERS




SEE FOUNDATION PLAN FOR REBAR SPACING ABOVE SLAB LEVEL

EXTERIOR SHORING BY CONTRACTOR AS REQUIRED WHEN STEM WALL IS 4'–0" OR HIGHER. SHORING SHALL BE REMOVED AFTER 5 DAYS SLAB POURING

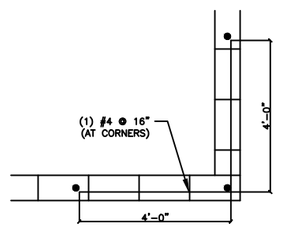



12–STEM WALL FOOTING SCHEDULE

| STEM WALL SCHEDULE | | | | | | |
|---|---|---|---|---|---|---|
| STEM/WALL HEIGHT (H) | FOOTING DIMENSION | | | | NUMBER/SIZE OF BARS | MAXIMUM REBAR SPACING (O.C.) IN STEM WALL |
| | D(1 STORY) | D(2 STORY) | A(1 STORY) | A(2 STORY) | | |
| 0'–0" 2'–0" | 12" | 12" | 16" | 20" | W/ (2) #5 BARS | 6'–0" |
| 2'–8" 4'–0" | 12" | 12" | 20" | 24" | W/ (2) #5 BARS | 4'–0" |
| 4'–8" 6'–0" | 12" | 12" | 32" | 32" | W/ (3) #5 BARS | 2'–8" |

NOTE:

1. VERTICAL REINF. IN SOLID GROUTED CELLS AT ALL CORNERS, JAMBS, WALL INTERSECTIONS, BELOW GIRDER TRUSS LOCATIONS, AND AT THE MAXIMUM SPACING STATED IN SCHEDULE
2. W.W.M. IS REQUIRED TO MAKE ADEQUATE CONNECTION BETWEEN SLAB AND WALL WHEN STEM WALL EXCEEDS 4'–0". FIBERMESH CAN NOT BE USED AND #4 TURN BARS @ 24" ARE REQUIRED, WITH EACH BAR TIED WITH VERTICAL BAR AND EXTENDED OUT A MIN. 4'–0" INTO SLAB
3. IF STEM WALL IS REQ'D TO BE HIGHER, CONTACT ENGINEER OF RECORD PRIOR TO CONSTRUCTION FOR MORE INFORMATION
4. G.C. TO PROVIDE ADEQUATE BRACING OF STEM WALL WHEN UNEVEN BACK FILLING IS TAKING PLACE
5. #4 HORIZONTAL CORNER BARS WITH 4'–0" LEGS IN KNOCKOUT BLOCK @16" O.C. VERTICAL. GROUTED SOLID WHEN STEM WALL IS 4'–0" OR HIGHER (TYPICAL ALL CORNERS SEE DETAIL 13)
6. IF STEM WALL IS WITHIN 5'–0" POOL OR AND WATER FEATURE, FOUNDATIONS TO BE A MINIMUM 12" BELOW BOTTOM OF POOL OR WATER FEATURE
7. ALL STEM WALLS SHALL BE FULLY GROUTED.
8. R.403.1.4 MINIMUN DEPTH: ALL EXTERIOR FOOTING (BOTTOM) SHALL BE PLACED AT LEAST 12" BELLOW THE UNDISTURBED GROUND SURFACE.




13–DETAIL REINFORCEMENT
AT CORNERS OF STEM WALL

Guida Design Group
2415 Sand Lake Rd, Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

DETAILS

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

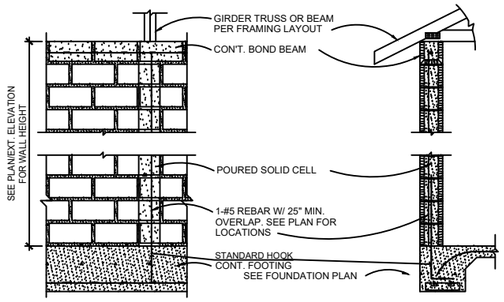
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

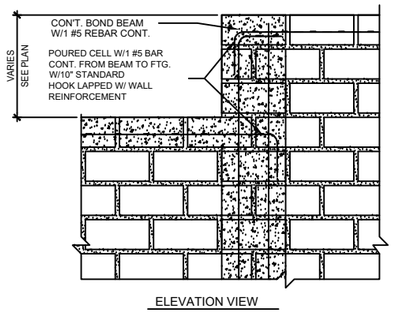
Lot #:
N/A

D1.S

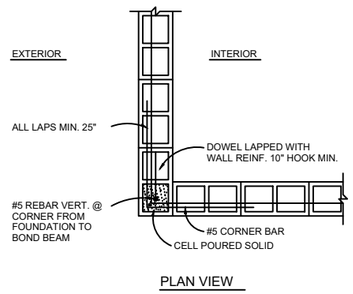
ALBERTO GUIDA
PE #: 74000 FL



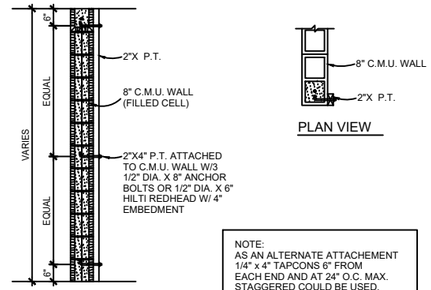

37 DETAILS POST IN EXTERIOR BLOCK WALL SCALE: N.T.S



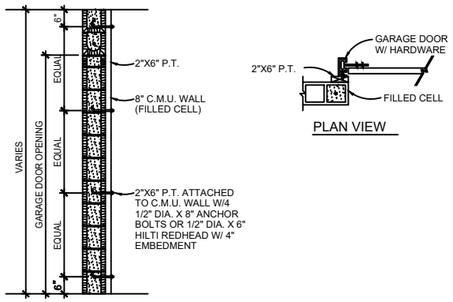

41 DETAILS STEP DOWN TIE BEAM SCALE: N.T.S



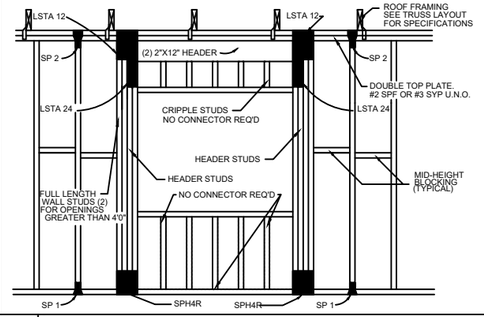

42 DETAILS CORNER-VERTICAL WALL REINF. SCALE: N.T.S



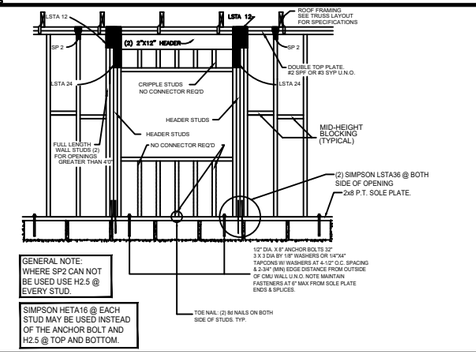

43 DETAILS MASONRY/FRAME ATTACHMENT SCALE: N.T.S



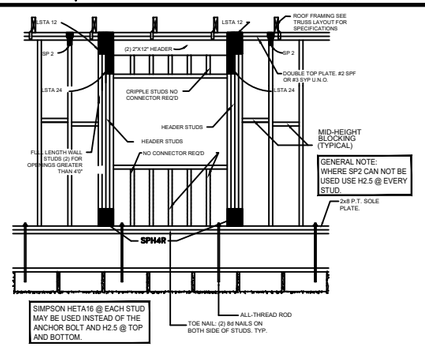

44 DETAILS GARAGE DOOR BUCK SCALE: N.T.S



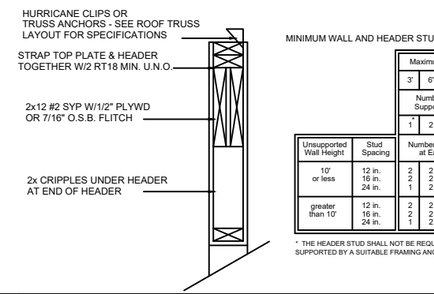

45 DETAILS BEARING OPENING WOOD FRAME SCALE: N.T.S




45B DETAILS EXT. BLOCK WALL CONNECTION @ WINDOW SCALE: N.T.S.




45C DETAILS FLOOR TO BLOCKWALL CONNECTION @ WINDOW SCALE: N.T.S.

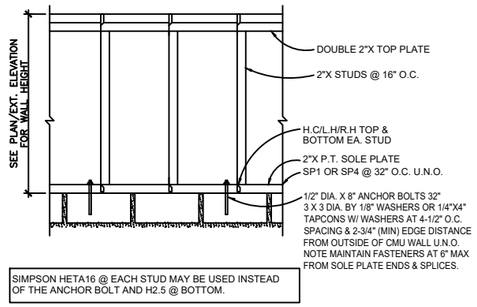



MINIMUM WALL AND HEADER STUD REQUIREMENTS

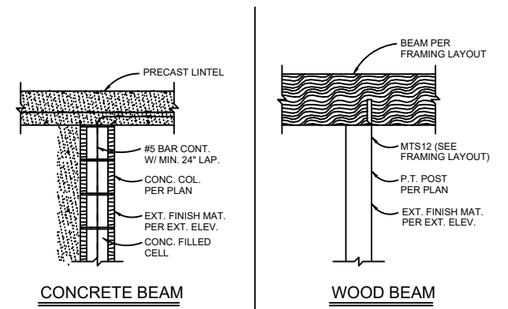
| Unsupported Wall Height | Stud Spacing | Maximum Header Span (ft.) 3' | 6' | 9' | 12' | 15' | 18' |
|---|---|---|---|---|---|---|---|
| | | Number of Header Studs Supporting End of Header 1* | 2 | 2 | 2 | 2 | 2 |
| 10' or less | 12 in. | 2 | 2 | 3 | 3 | 3 | 3 |
| | 16 in. | 2 | 2 | 3 | 3 | 3 | 3 |
| | 24 in. | 1 | 2 | 2 | 2 | 2 | 2 |
| greater than 10' | 12 in. | 2 | 2 | 3 | 4 | 5 | 5 |
| | 16 in. | 2 | 2 | 3 | 3 | 4 | 4 |
| | 24 in. | 1 | 2 | 2 | 2 | 3 | 3 |

*. THE HEADER STUD SHALL NOT BE REQUIRED IF THE HEADER IS SUPPORTED BY A SUITABLE FRAMING ANCHOR.

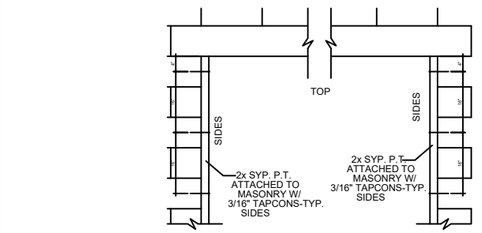
46 DETAILS HEADER DETAIL SCALE: N.T.S




50 DETAILS KNEE WALL TO MASONRY SCALE: N.T.S




55 DETAILS POST/BEAM CONNECTION SCALE: N.T.S.




NOTES:

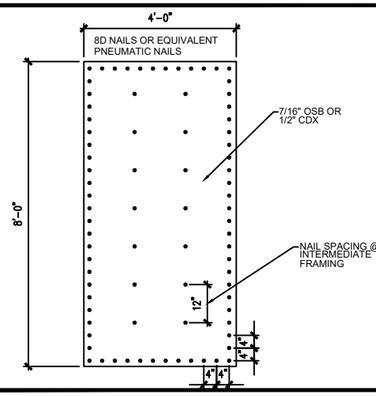
DOORS AND WINDOWS TO BE INSTALED/FASTENED TO STRUCTURAL SUBSTRATE AS PER MANUFACTURER'S SPECIFICATIONS.

2X BUCKS / NAILERS SHALL BE FASTENED TO MASONRY W/ 3/16" X 3" TAPCONS(MIN) IN 5/32" DIA. PILOT HOLE @4" FROM CORNERS AND 16" O.C. (MAX) ELSEWHERE.

BUCKS LESS THAN 2X TO BE FASTENED W/STRUCTURAL CONNECTION OF WINDOW TO STRUCTURE AS PER MANUFACTURER'S SPECIFICATIONS.

IF ADDITIONAL SPACING IS REQUIRED, 1/2" STRUCTURAL SHEATHING OR 1X MAY BE USED WITH 3/16" TAPCONS, SIMILARLY SPACED, WITH MIN. 1-1/4" EMBEDMENT.

80 DETAILS BUCK DETAIL SCALE: N.T.S.



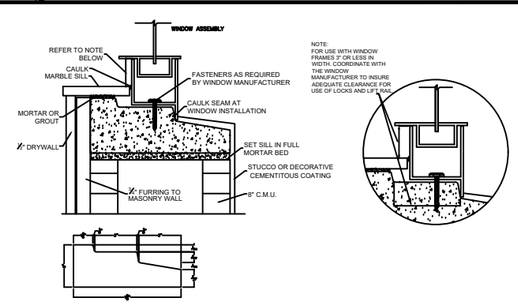

EXTERIOR WALL SHEATHING
NAILING PATTERN DETAIL

BLOCKING REQUIRED: PROVIDE 2X4 BLOCKING IN THE FIRST THREE FRAMING SPACES AT 48" O.C. REMAINDER TO BE BLOCKED AT 96" O.C.

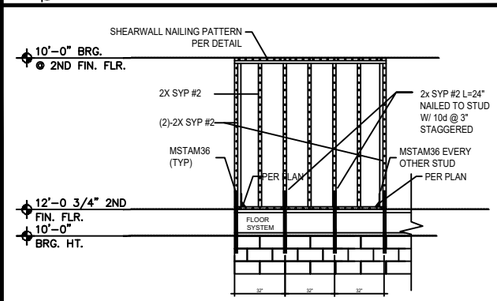
FASTENING: FASTEN FLOOR SHEATHING TO FRAMING AND BLOCKING WITH 8d COMMONS OR 8d HOT DIPPED GALVANIZED NAILS AT THE FOLLOWING SPACING:

1) 4" ON CENTER AT ALL PANEL EDGE FRAMING
2) 12" ON CENTER AT ALL INTERMEDIATE FRAMING

-- DETAILS EXT. NAILING PATTERN DETAIL SCALE: N.T.S




DETNUM SCALE: N.T.S




SHEARWALL

59 DETAILS SHEARWALL PANEL SCALE: N.T.S.

Guida Design Group
2415 Sand Lake Rd, Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

DETAILS

JENNAH AND ASSOCIATES INC MODEL 1802 MASTER

Job No. 19-4600

Drawn By: R.G

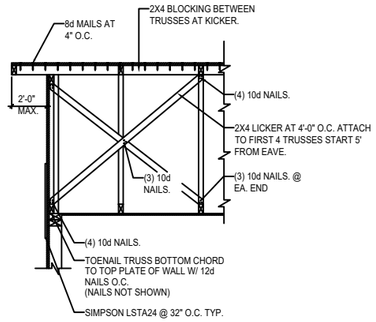
Date: 00.00.18

Scale: 1/8"(11X17) 1/4"(24X36)

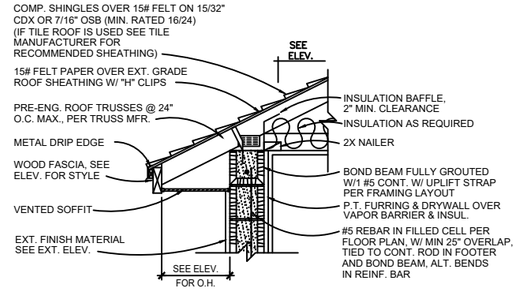
Lot #: N/A

D2

ALBERTO GUIDA
PE #: 74000 FL



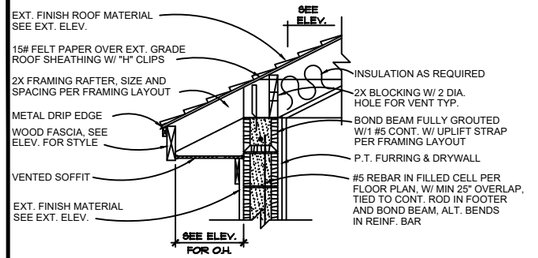

12 DETAILS GABLE END SECTION SCALE: N.T.S.




TRUSS NOTE:

BOTTOM CHORD MAY BE SLOPED-SEE FLR. PLAN /TRUSS LAYOUT FOR CEILING CONDITIONS-TYP.

13 DETAILS TRUSS AT BLOCK SCALE: N.T.S




CEILING JSTS. NOTE:

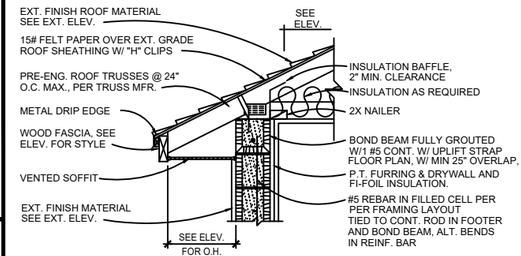
CEILING JOISTS MAY BE REQUIRED-SEE FLR. PLAN /FRAMING LAYOUT FOR CEILING CONDITIONS-TYP.

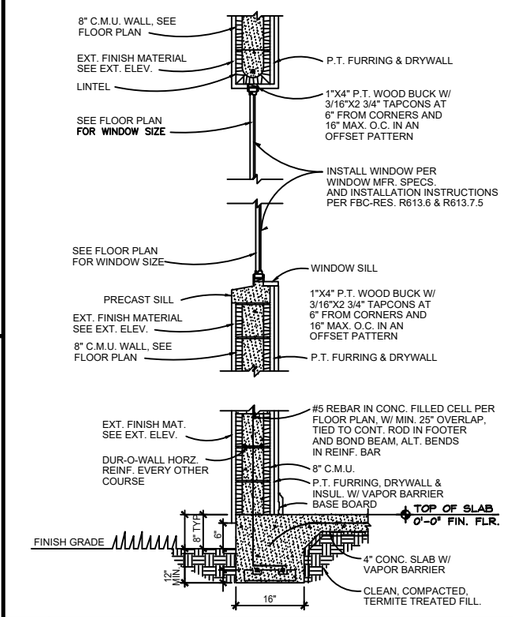
PROVIDE METAL SEAT PLATE FOR RFTRS./JSTS. AS REQUIRED

14 DETAILS RAFTER AT BLOCK SCALE: N.T.S

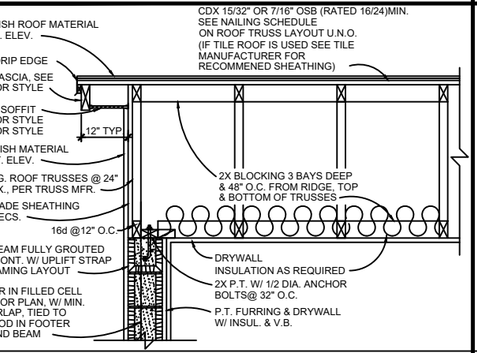
TRUSS NOTE:

BOTTOM CHORD MAY BE SLOPED--SEE FLR. PLAN /TRUSS LAYOUT FOR CEILING CONDITIONS--TYP.

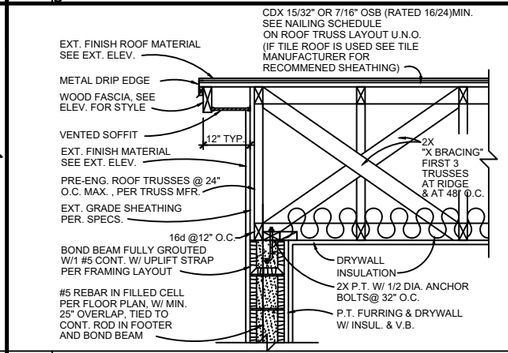


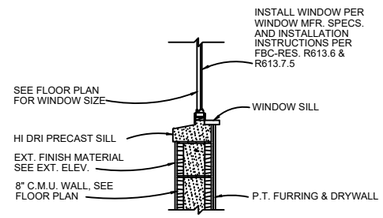

21 DETAILS BLOCK WALL SECTION SCALE: N.T.S



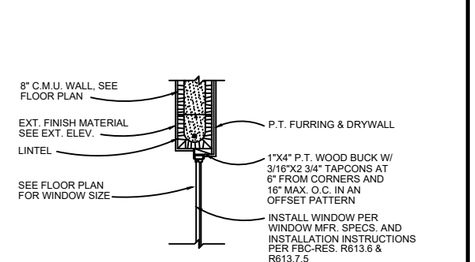

15 DETAILS GABLE END BLOCKING SCALE: N.T.S



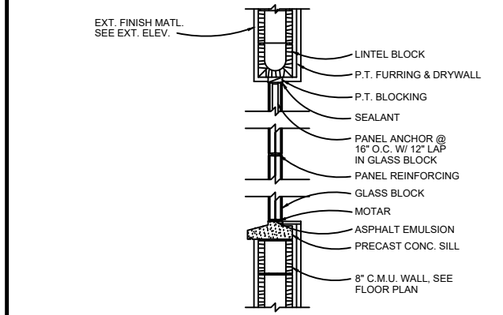

16 DETAILS GABLE AT BLOCK SCALE: N.T.S



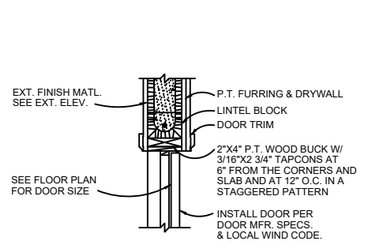

17 DETAILS WINDOW SILL AT BLOCK SCALE: N.T.S.



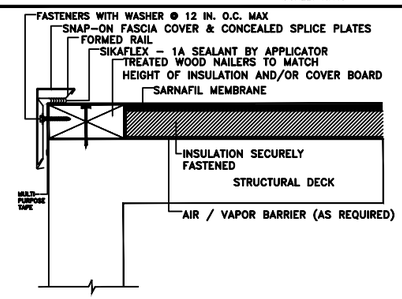

18 DETAILS WINDOW HEAD AT BLOCK SCALE: N.T.S




19 DETAILS GLASS BLOCK AT BLOCK SCALE: N.T.S




20 DETAILS DOOR HEAD AT BLOCK SCALE: N.T.S




NOTES:
1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. FOLLOW FACTORY MUTUAL LOSS PREVENTION DATA SHEET 1-49 RECOMMENDATIONS.
2) THE THICKNESS OF THE NAILER SHALL MATCH THE HEIGHT OF THE INSULATION OR SURFACE TO WHICH THE MEMBRANE IS TO BE APPLIED.
3) VAPOR BARRIER SHALL BE SEALED AT EDGES.
4) SECOND ROW OF FASTENER HOLES PROVIDED FOR 6 IN. FACE SIZE AND LARGER.
5) POSITION THE SARNAFIL MEMBRANE (NON-FELTED) OVER THE ROOF EDGE AND DOWN OUTSIDE FACE OF WALL, COVERING TREATED WOOD NAILER(S) COMPLETELY.

58 DETAILS ROOF COVERING DETAIL




NOTE: 2x STUDS TO COINCIDE W/ TRUSSES.

49 DETAILS CRIPPLE WALL ON TRUSS SCALE: N.T.S




53 DETAILS CONVENTIONAL FRAMING SCALE: N.T.S




53B DETAILS CONVENTIONAL FRAMING SCALE: N.T.S

Guida Design Group
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# DETAILS

JENNAH AND ASSOCIATES INC MODEL 1802 MASTER

Job No. 19-4600

Drawn By: R.G

Date: 00.00.18

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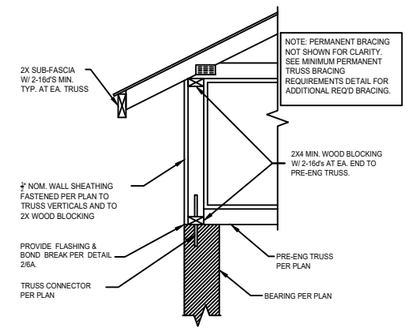
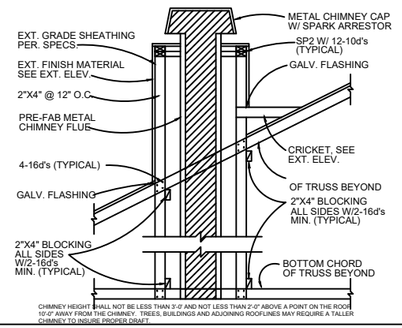
Lot #: N/A

D3

ALBERTO GUIDA
PE #: 74000 FL

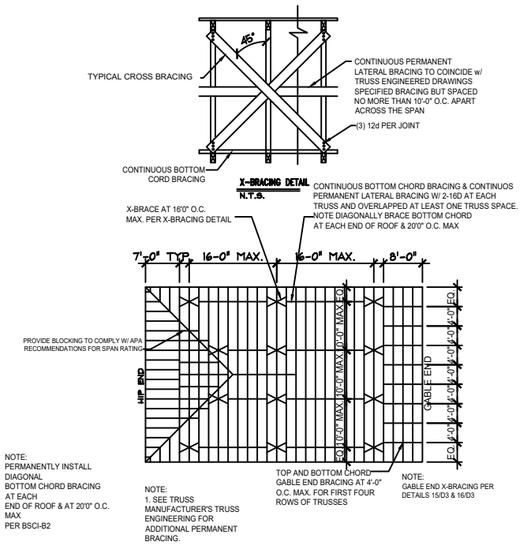



6/D4 RAISED HEEL TRUSS BRACING DETAIL SCALE: N.T.S.

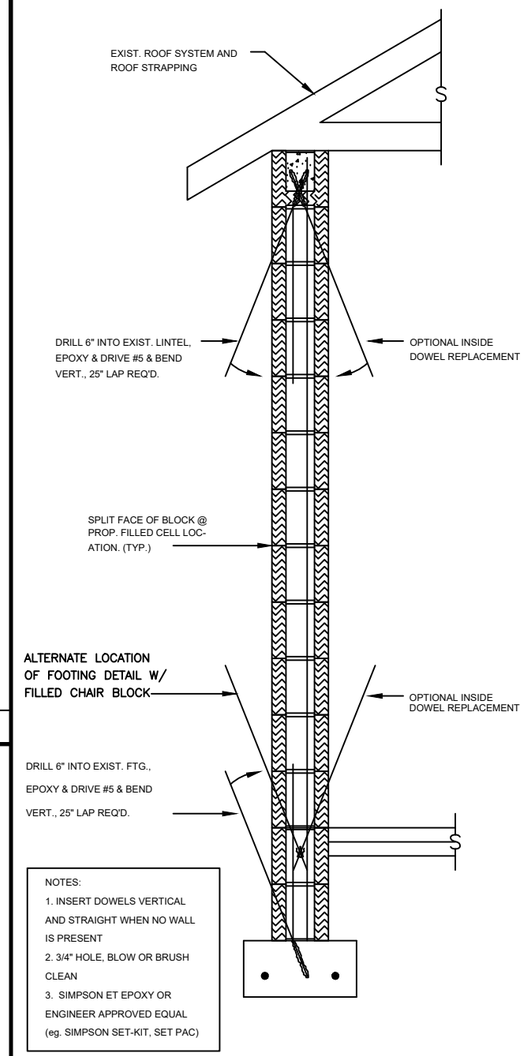



51 CHIMNEY FRAMING SCALE: N.T.S.

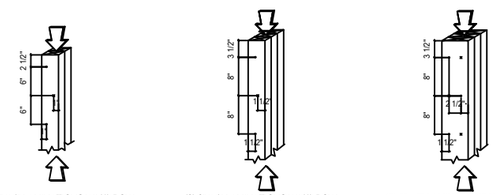
NOTE TO TRUSS INSTALLER/FRAMER:
FOLLOW BUILDING COMPONENT SAFETY INFORMATION (BSCI) DOCUMENTS BSCI-B1, BSCI-B2, BSCI-B3, BSCI-B4, & BSCI-B7 TO STORE, HANDLE, INSTALL, GROUND BRACE, TEMPORARY BRACE AND PERMANENTLY BRACE TRUSSES OUT IN THE FIELD. DOCUMENTS ARE TYPICALLY INCLUDED IN TRUSS COMPANY SUPPLIED TRUSS JOB SITE PACKAGE AND ALSO READILY AVAILABLE FROM WTCA AT 608.274.4849




5/D4 MINIMUM PERMANENT TRUSS BRACING REQUIREMENTS SCALE: N.T.S.




DETNUM SCALE: N.T.S




(2) 2" x 4" LAMINATIONS W/ (1) ROW OF STAGGERED 10d COMMON WIRE NAILS (D = 0.148", L = 3") OR EQUAL

(3) 2" x 4" LAMINATIONS W/ (1) ROW OF STAGGERED 30d COMMON WIRE NAILS (D = 0.207", L = 4 1/2") OR EQUAL

(3) 2" x 6" LAMINATIONS W/ (2) ROWS OF STAGGERED 30d COMMON WIRE NAILS (D = 0.207", L = 4 1/2") OR EQUAL

NOTES:
1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN

2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE THICKNESS OF THE LAST LAMINATION

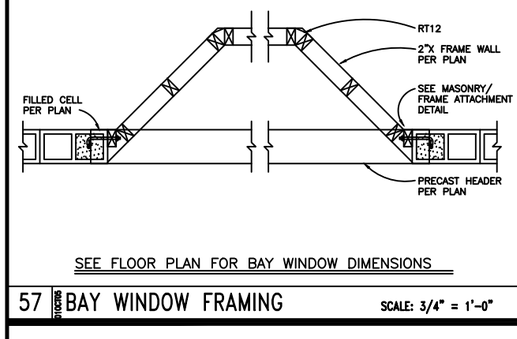
3) EACH 30d COMMON NAIL MAY BE REPLACED W/ (2) 16d COMMON NAILS. (ONE INTO EACH OUTSIDE FACE OF B.U.C., SAME NUMBER OF ROWS, SAME SPACING)

4) FOR 4-PLY, PROVIDE 1/4" DIA. x 5 1/2" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)

5) FOR 5-PLY, PROVIDE 1/4" DIA. x 7" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)

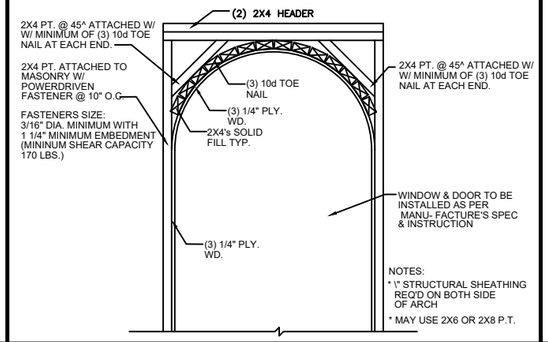
6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION

-- BUILT-UP COLUMNS SCALE: N.T.S

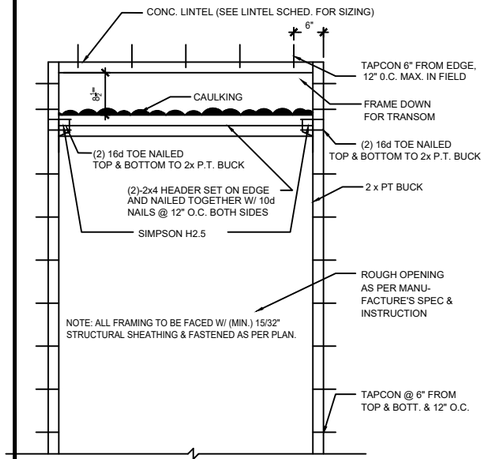



SEE FLOOR PLAN FOR BAY WINDOW DIMENSIONS

57 BAY WINDOW FRAMING SCALE: 3/4" = 1'-0"



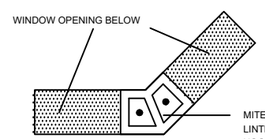

82 ARCH TOP WIN. DETAIL SCALE: N.T.S



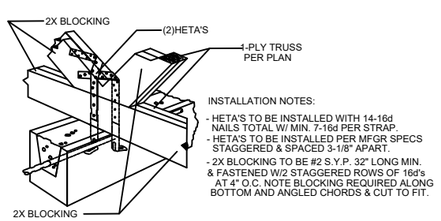

NOTE: TAPCONS TO BE
3/16" X 3" MIN.

FASTENERS SIZE: 3/16" DIA. MINIMUM WITH
1 1/4" MINIMUM EMBEDMENT (MININUM SHEAR CAPACITY 170 LBS.)

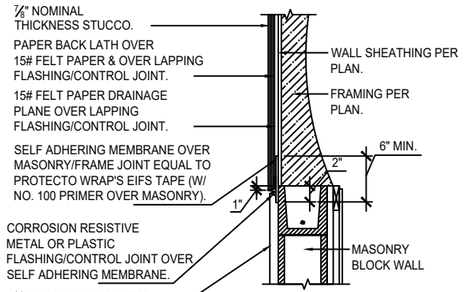
-- WINDOW TRANSOM FORM DETAIL SCALE: NTS




-- MITERED CORNER DETAIL SCALE: N.T.S




7/D4 DOUBLE HETA INSTALLATION W/ FILLER BLOCKING SCALE: N.T.S.




NOTES:
- ALL MATERIALS TO BE APPROVED, INSTALLED PER MFG'S INSTRUCTIONS & IN ACCORDANCE W/ FBC-R 703.
- ALL FLASHING JOINTS, ENDS, ANGLES, CORNERS, INTERSECTIONS, ETC. TO BE SEALED AT TIME OF INSTALLATION.
- WHEN STUCCO IS NOT APPLIED DIRECTLY TO THE SELF ADHERING MEMBRANE, PROTECTO WRAPS BUILDING TAPE 20 (BT-20XL-6) OR EQUAL COULD BE USED I.L.O. THE ETFS TAPE.

2/D4 FLASHING/CONTROL JOINT - WEEP SCREED DETAIL SCALE: N.T.S.

Guida Design Group
2415 Sand Lake Rd., Suite J, Orlando fl 32809
Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com

# DETAILS

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

Job No.
19-4600

Drawn By:
R.G

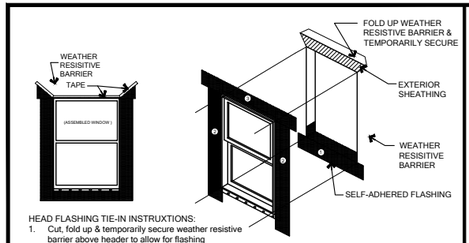
Date:
00.00.18

Scale:
1/8"(11X17)
1/4"(24X36)

Lot #:
N/A

D4

ALBERTO GUIDA
PE #: 74000 FL




HEAD FLASHING TIE-IN INSTRUXTIONS:

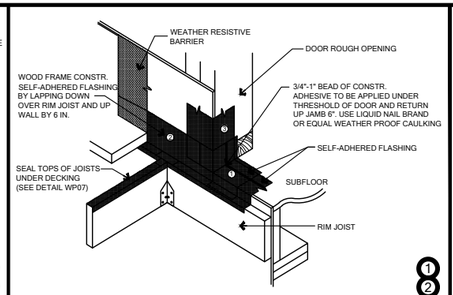
1. Cut, fold up & temporarily secure weather resistive barrier above header to allow for flashing installation
2. Self-adhered flashing plus head flashing under weather resistive barrier
3. Fold weather resistive barrier back over head flashing and seal with tape

1 2

SELF-ADHERED FLASHING
FLANGED WINDOW
FLASHING INSTALLATION AFTER WEATHER RESISTIVE BARRIER

Scale: NTS

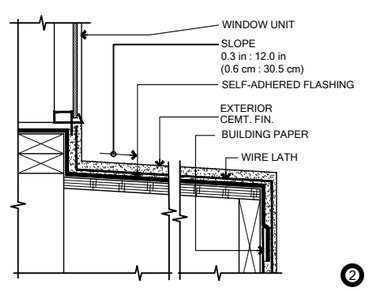
WP01




1 2

SELF-ADHERED FLASHING
EXTERIOR DOOR WITH DECK - SECTION A

WP02




2

SELF-ADHERED FLASHING
CEMT. FINISH SILL/ POTSHELF/ CHIMNEY SHOULDER

WP03

THESE DETAILS ARE GENERIC AND MEANT TO SHOW GENERAL FLASHING AND WATERPROOFING METHODS TO BE USED.

## SELF-ADHERED FLASHING PRODUCTS DETAILS

TWO LAYERS OF FELT OR ONE LAYER OF HOUSE WRAP AND ONE LAYER OF FELT ARE REQUIRED BEHIND STUCCO. FBC R703.2.1

### Detail Instructions

Refer to the number marked as (#) on each detail that corresponds to the numbered items in the list of instructions below:

1. Install self-adhered flashing in order as shown by numbers
2. Install flashing and weather resistive barrier to form water shedding laps
3. Self-adhered flashing can be substituted for building paper
4. Split the release paper using the ripcord (Split release on demand, embedded in the adhesive layer) - for ease of installation and to minimize scoring cuts
5. Remove all release paper per standard installation instructions and adhere to substrate using a square piece of flashing material (6" x 6" Minimum)
6. Fold as shown by arrows
7. Angle of corner may vary, adjust folding of the flashing accordingly to fit tight to corner
8. Mechanically fasten as necessary

## FLASHING REQUIREMENTS

R612.12 Flashing, Sealants and Weatherstripping. Flashing and sealants for exterior windows shall comply with Section R703.4.

R703.2 Weather-resistant sheathing paper. One layer of No.15 asphalt felt, free from holes and breaks, complying with ASTM D 226 for Type 1 felt or other approved water-resistive barrier shall be applied over studs or sheathing of all exterior walls. Such felt or material shall be applied horizontally, with the upper layer lapped over the lower layer not less than 2 inches (51 mm). Where joints occur, felt shall be lapped not less than 6 inches (152 mm). The felt or other approved material shall be continuous to the top of walls and terminated at penetrations and building appendages in a manner to meet the requirements of the exterior wall envelope as described in Section R703.1

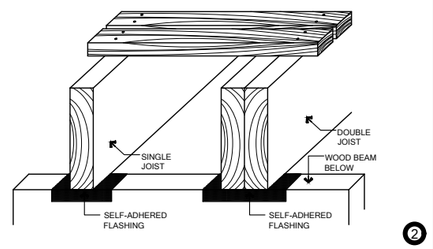
Exception: Omission of the water-resistive barrier is permitted in the following situations:

1. In detached accessory buildings.
2. Under exterior wall finish materials as permitted in

R703.4 Flashing. Approved corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into thewall cavity or penetration ofwater to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall extend to the surface of the exterior wall finish. Approved corrosion-resistant flashings shall be installed at all of the following locations:

1. Exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface ot he exterior wall finish or to the water-resistive barrier for subsequent drainage. Flashing at exterior window and door openings shall be installed in accordance with one or more of the following or other approved method:
   - 1.1 The fenestration manufacturer's written flashing instructions.
   - 1.2 The flashing manufacturer's written installation instructions.
   - 1.3 In accordance with FMA/AAMA 100, FMA/AAMA 200, or FMA/WDMA 250.
   - 1.4 In accordance with the flashing method of a registered design professional.
2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco copings.
3. Under and at the ends of masonry, wood or metal copings and sills.
4. Continuously above all projecting wood trim.
5. Where exterior porches, decks or stairs attach to a wall or floor assembly of wood-frame construction.
6. At wall and roof intersections.
7. At built-in gutters.

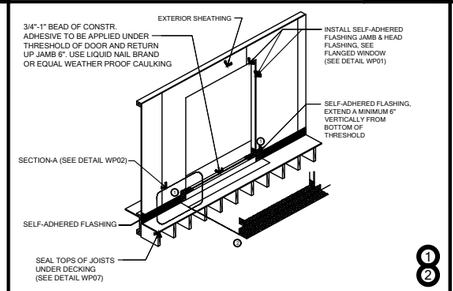
R703.15 Drained assembly wall over mass assembly wall. Where wood frame or other types of drained wall assemblies are constructed above mass wall assemblies, flashing or other approved drainage system shall be installed as required by R703.4.




1 2 8

SELF-ADHERED FLASHING
HALF ROUND WINDOW

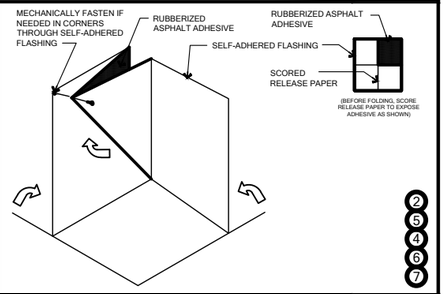
WP04




1 2

SELF-ADHERED FLASHING
EXTERIOR DOOR WITH DECK

WP05




2 5 4 6 7

**SELF-ADHERED FLASHING**
INSIDE CORNER

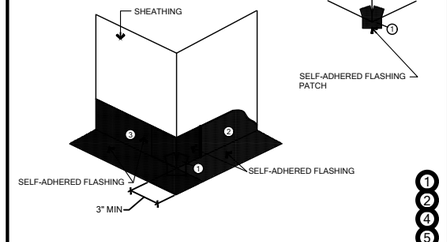
WP06




2

SELF-ADHERED FLASHING
DECK JOIST

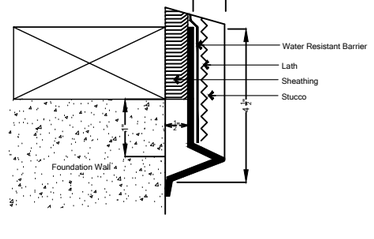
WP07




1 2 4 5

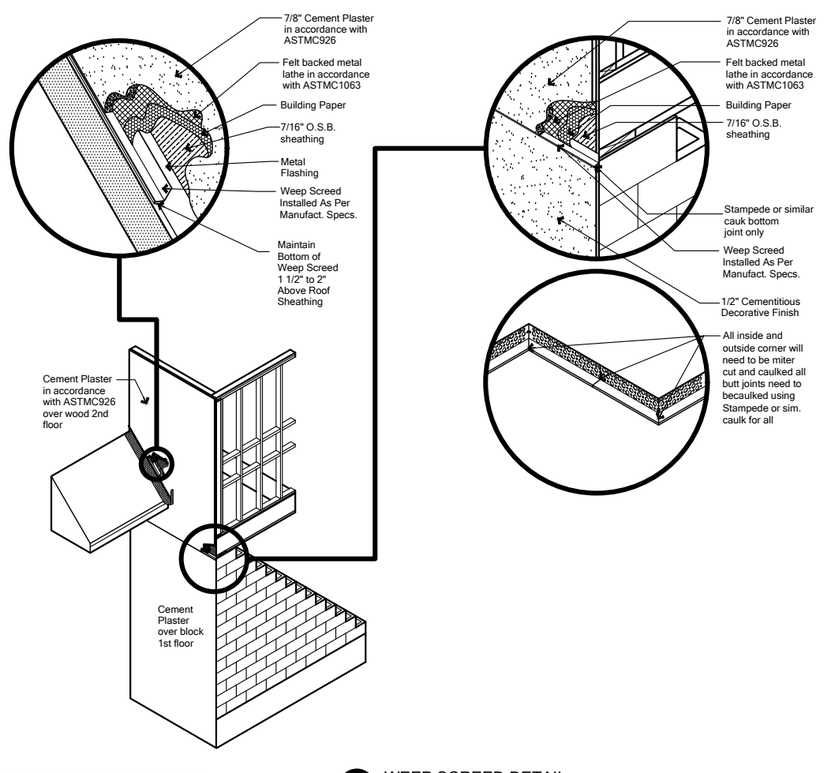
**SELF-ADHERED FLASHING**
OUTSIDE CORNER

WP08




FOUNDATION WEEP SCREED

WP09




Note:
The building paper and metal lath must be installed over the top of the weep screed.

WEEP SCREED DETAIL
SCALE: NOT TO SCALE

NOT USED

NOT USED

NOT USED

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WATERPROOFING DETAILS

JENNAH AND ASSOCIATES INC MODEL 1802
MASTER

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19-4600

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R.G

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WP

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