

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 +21.2/ -22.0 (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

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JENNAH AND ASSOCIATES INC MODEL 1670

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

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Alberto Guida

COVER SHEET

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

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 RESIDENTIAL CODE.
- 15- EXTERIOR EQUIPMENT/OUTDOOR HEATING AND COOLING EQUIPMENT AND APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' 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 Z304.5 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 SIDING 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

-  BUILDING SECTION
-  INTERIOR SECTION
-  WINDOW SYMBOL
-  DOOR SYMBOL
-  WALL PARTITION SYMBOL
-  PLAN NOTE
-  VAULTED CLG.
-  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.

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GENERAL NOTES

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

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

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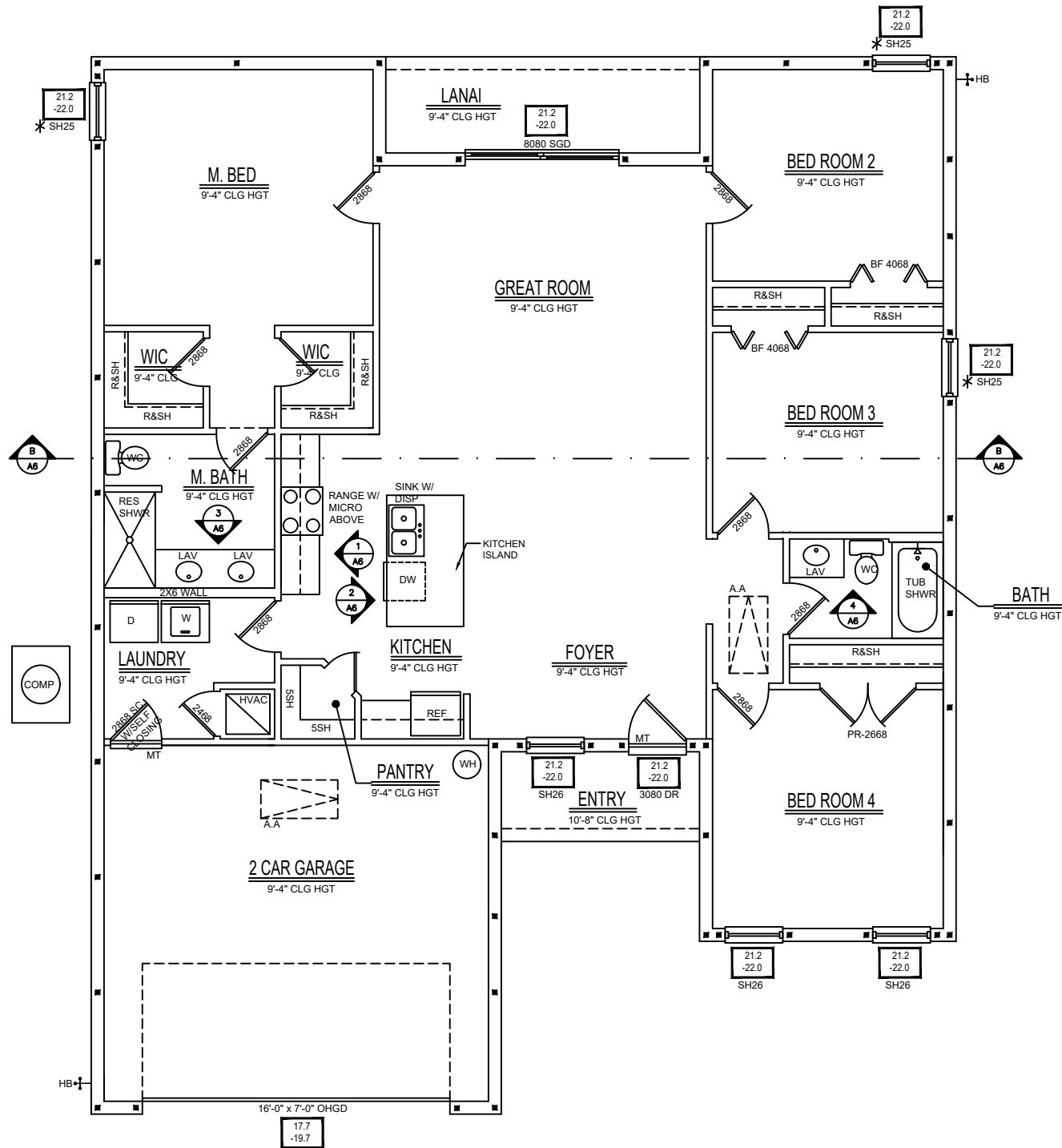
Exterior Door R.O. Chart

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Sliding Glass Door R.O. Chart

SLIDING GLASS DOOR	ROUGH OPENING	
	FRAME	BLOCK
5/0 X 6/8 S.G.D.	60¼" X 80¼"	6¾" X 81"
6/0 X 6/8 S.G.D.	72¼" X 80¼"	7¾" X 81"
8/0 X 6/8 S.G.D.	96¼" X 80¼"	97¾" X 81"
9/0 X 6/8 S.G.D.	106½" X 80¼"	108¾" X 81"
12/0 X 6/8 S.G.D.	142½" X 80¼"	144¾" X 81"

SLIDING GLASS DOOR	ROUGH OPENING	
	FRAME	BLOCK
5/0 X 8/0 S.G.D.	60¼" X 96¼"	6¾" X 97"
6/0 X 8/0 S.G.D.	72¼" X 96¼"	7¾" X 97"
8/0 X 8/0 S.G.D.	96¼" X 96¼"	97¾" X 97"
9/0 X 8/0 S.G.D.	106½" X 96¼"	108¾" X 97"
12/0 X 8/0 S.G.D.	142½" X 96¼"	144¾" X 97"



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)
- 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 MASONRY 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.

FLOOR PLAN NOTE

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

Drawn By:
R.G

Date:
00.00.18

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

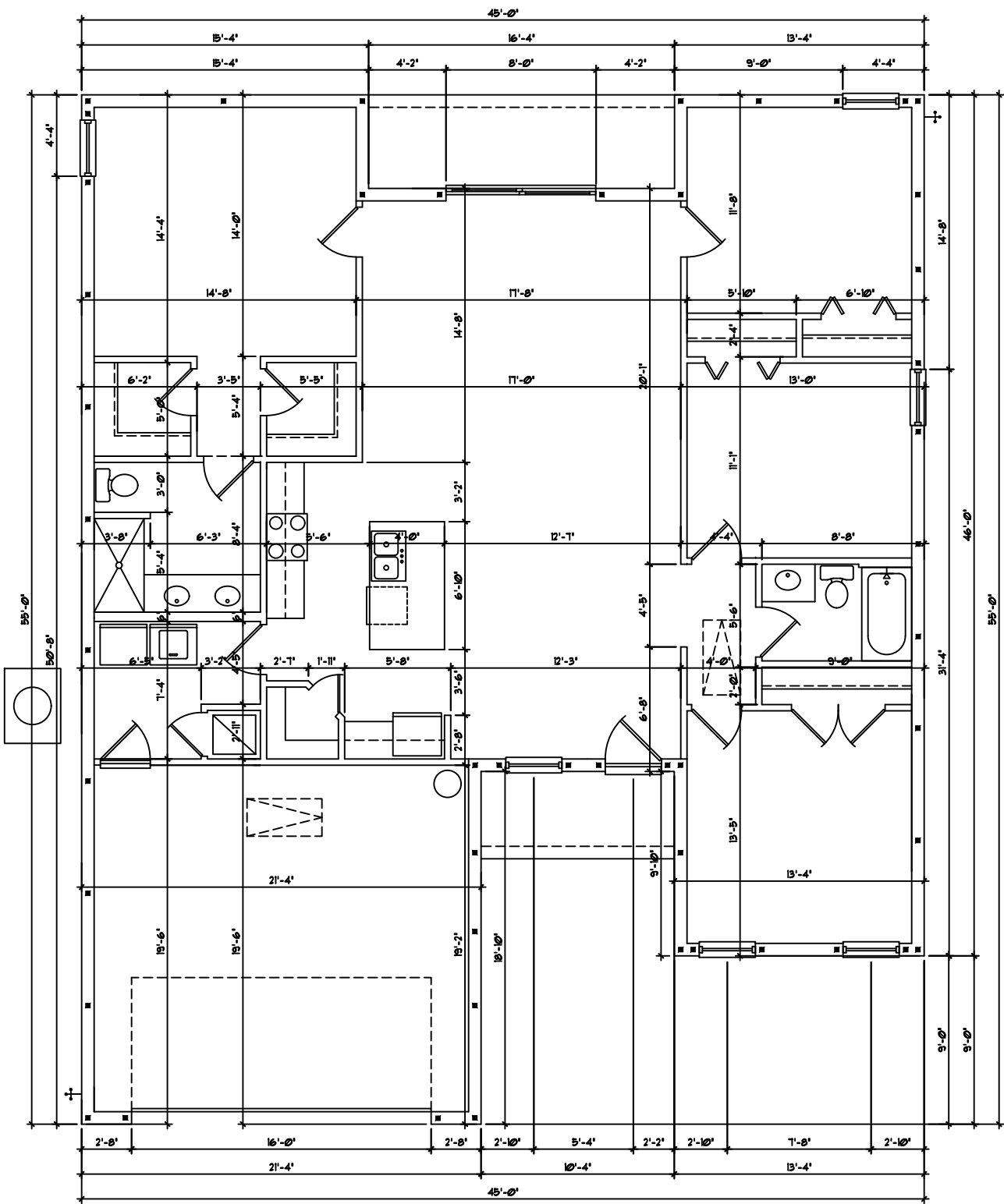
Lot #:
N/A

A1

ALBERTO GUIDA
PE #: 74000 FL

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Guida



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

Area Tabulations	
Living:	
1st floor:	1670 sf
2nd floor:	N/A sf
Total Living:	1670 sf
Lanal:	82 sf
Entry:	48 sf
Garage:	409 sf
Terrace:	N/A sf
Total Area:	2209 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.

FLOOR PLAN DIM
JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

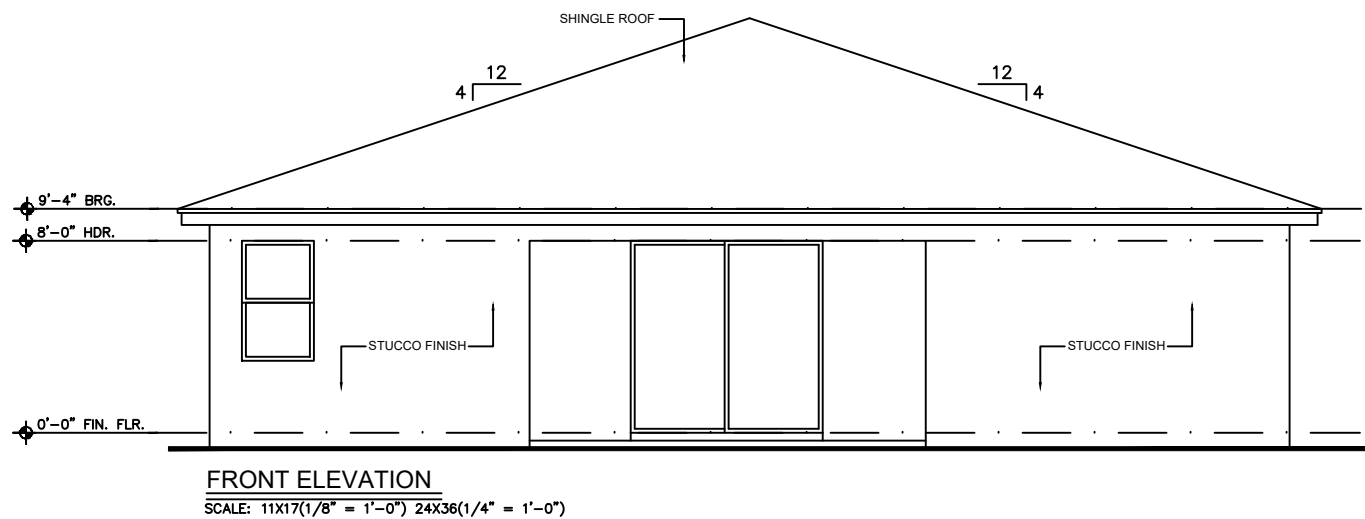
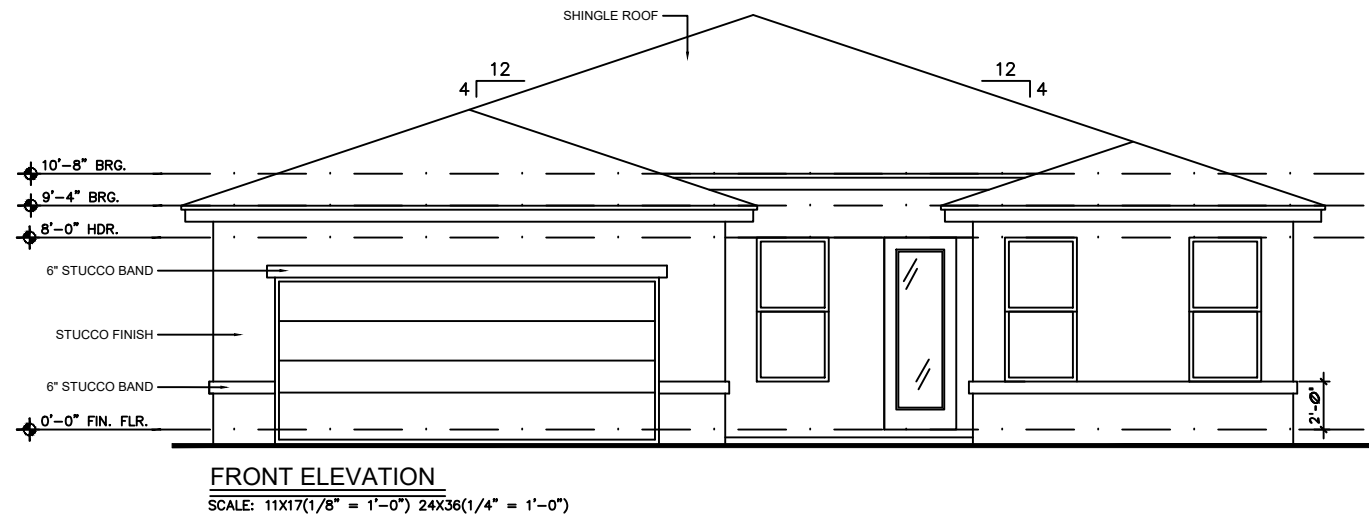
Job No.
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00.00.18
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1/8"(11X17)
1/4"(24X36)
Lot #:
N/A

A2

ALBERTO GUIDA
PE #: 74000 FL

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ELEVATIONS

JENNAH AND ASSOCIATES INC MODEL 1670
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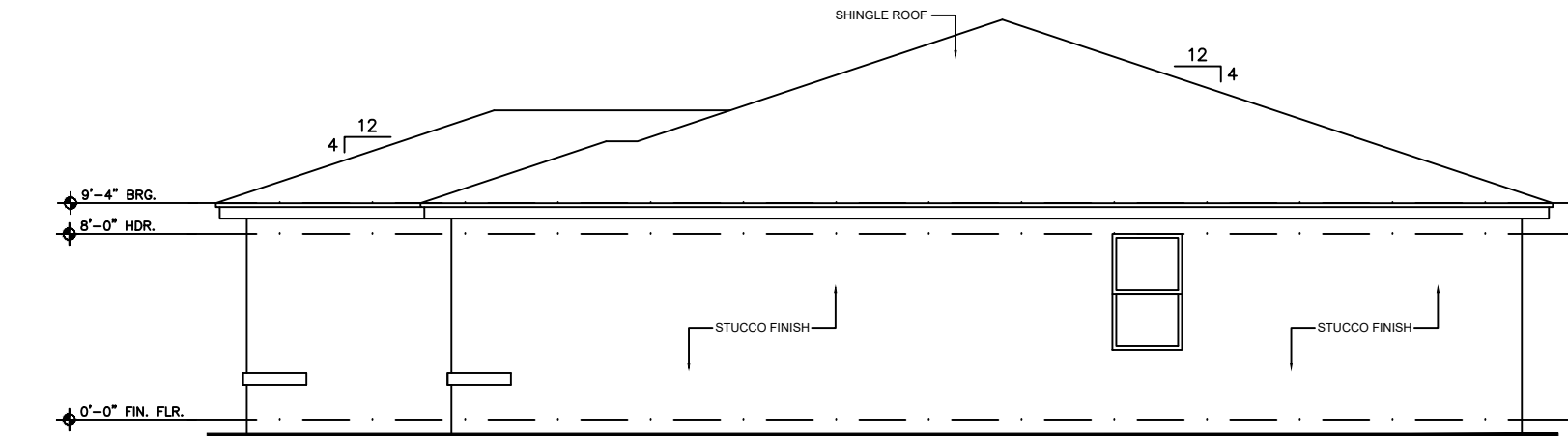
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A3

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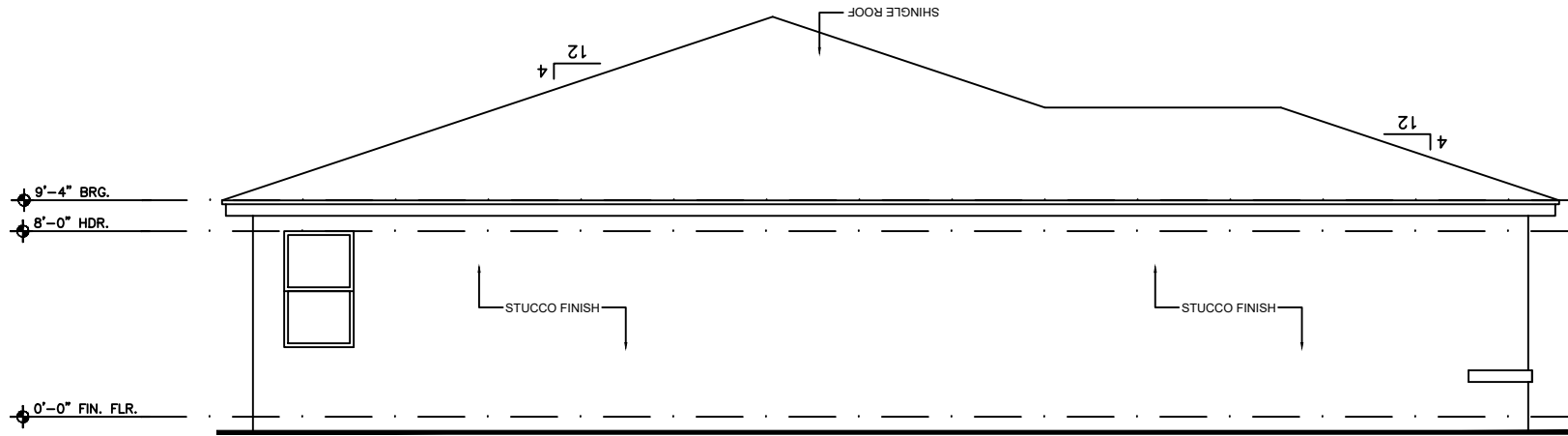
Guida Design Group
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RIGHT ELEVATION

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



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ELEVATIONS

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.

19-4601

Drawn By:

R.G

Date:

00.00.18

Scale:

1/8"(11X17)

1/4"(24X36)

Lot #:

N/A

A4

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PE #: 74000 FL

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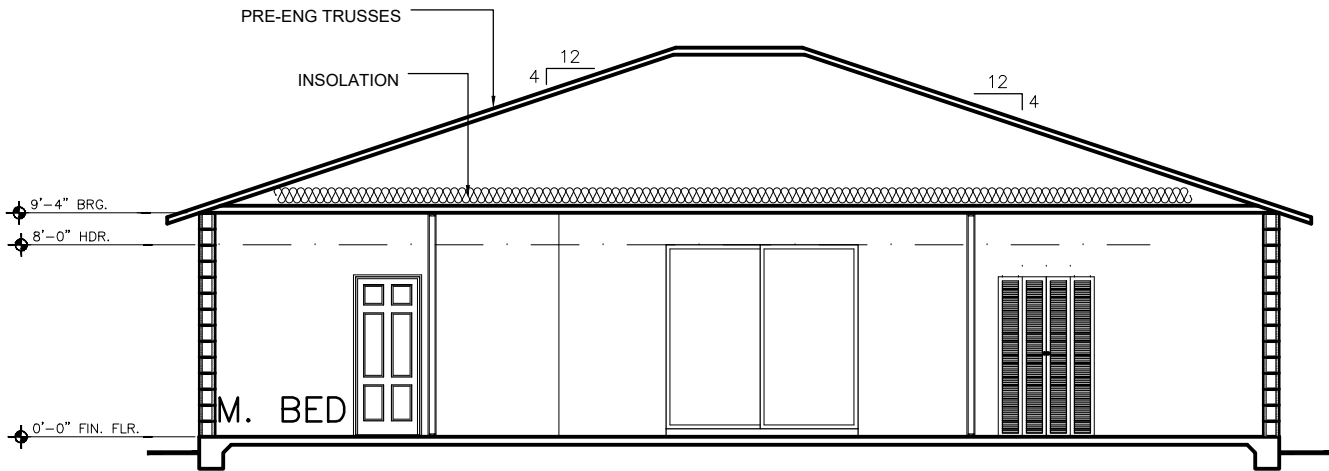
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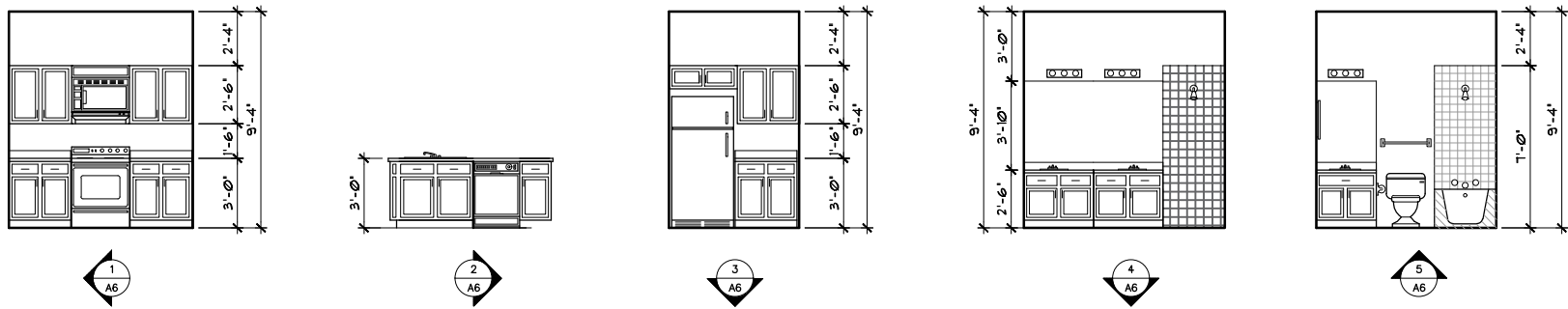
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BUILDING SECTION
SCALE: 11X17(1/8" = 1'-0") 24X36(1/4" = 1'-0")



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

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BUILDING SECTION
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MASTER

Job No.
19-4601
Drawn By:
R.G
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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 COMMUNICATIONS 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 APPROPRIATE 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 R302.1.8 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 VACCUMMED, BRUSHED, AND BLOWN CLEAN PER MFG'R'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:

- For units with sides less than 12 inches (305 mm), one screw shall be used at each side of the unit.
- For units between 12 and 24 inches (305 and 610 mm), two screws shall be used per side.
- For units between 24 and 36 inches (610 and 914 mm), three screws shall be used per side.
- 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.

- 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.
- 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 cowlings and curb.



TRUSS NOTES

-NOTE TO TRUSS INSTALLER-FRAMER: FOLLOW BUILDING COMPONENT SAFETY INFORMATION (BCSI 1-03) DOCUMENTS BCSI-B1 BCSI-B2, BCSI-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 DESIGN 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

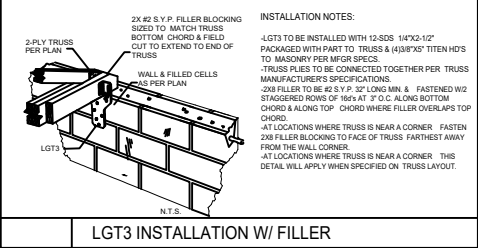
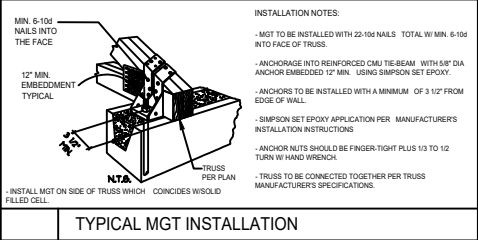
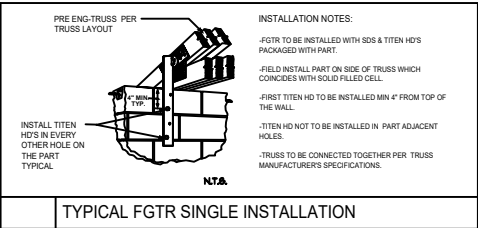
-AT EACH ENTRY BEAM BEARING POINT AT TOP CMU PROVIDE (2) HETA. 24. EA. HETA 24 W/11-10D OR (2) HTSM 20. EA. HTSM 20 W/ 10-10D & (4)-1/4X2-1/4 TITEN

-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 ENGINEERING DESIGN SUPPLIED BY CARPENTER CONTRACTOR OF AMERICA. DATED 08-25-2009. CONTRACTOR TO COMPLY W/ ANS/ITPI 1-2002 SECTION 2.6. TRUSS MANUFACTURER/ DESIGNER TO COMPLY WITH ANS/ITPI 1-2002 SECTION 2.7 & 2.8.



ABBREVIATION LIST

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

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 #).

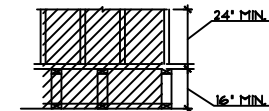
EACH ROOF TRUSS AT FRAME CONNECTION TO BE ATTACHED WITH (1)-MTS12 W/14-10d x 1 1/2" (CAP =1000#)

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

ROOF SHEATHING TO BE 1/2" NOMINAL APA SHEATHING RATED #8 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 MINIMUM 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.



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www.guidadesigngroup.com

STRUCTURAL NOTES

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

Drawn By:
R.G

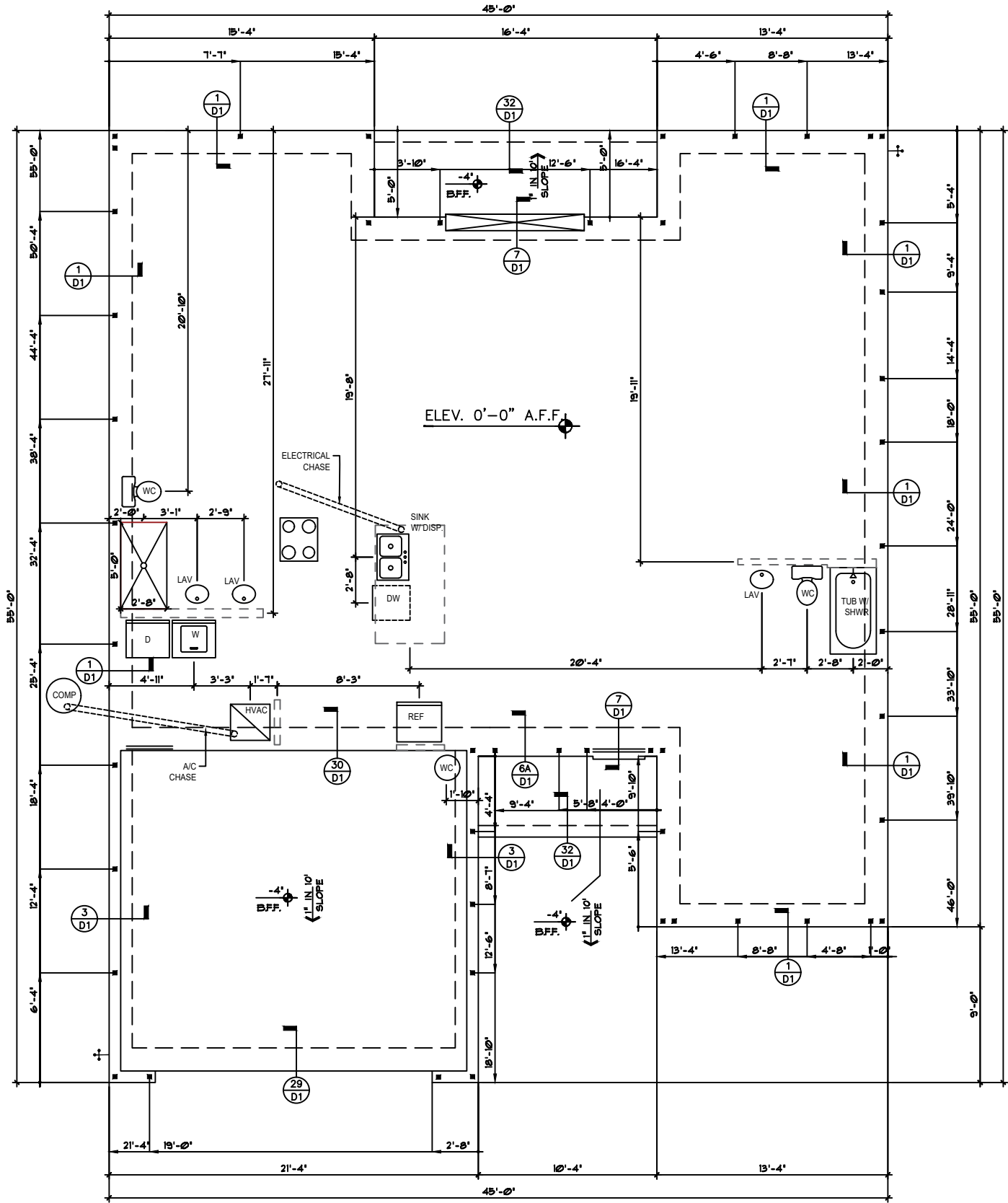
Date:
00.00.18

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

Lot #:
N/A

SO

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

- LEGEND**
- 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.

FOUNDATION PLAN

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

Drawn By:
R.G

Date:
00.00.18

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

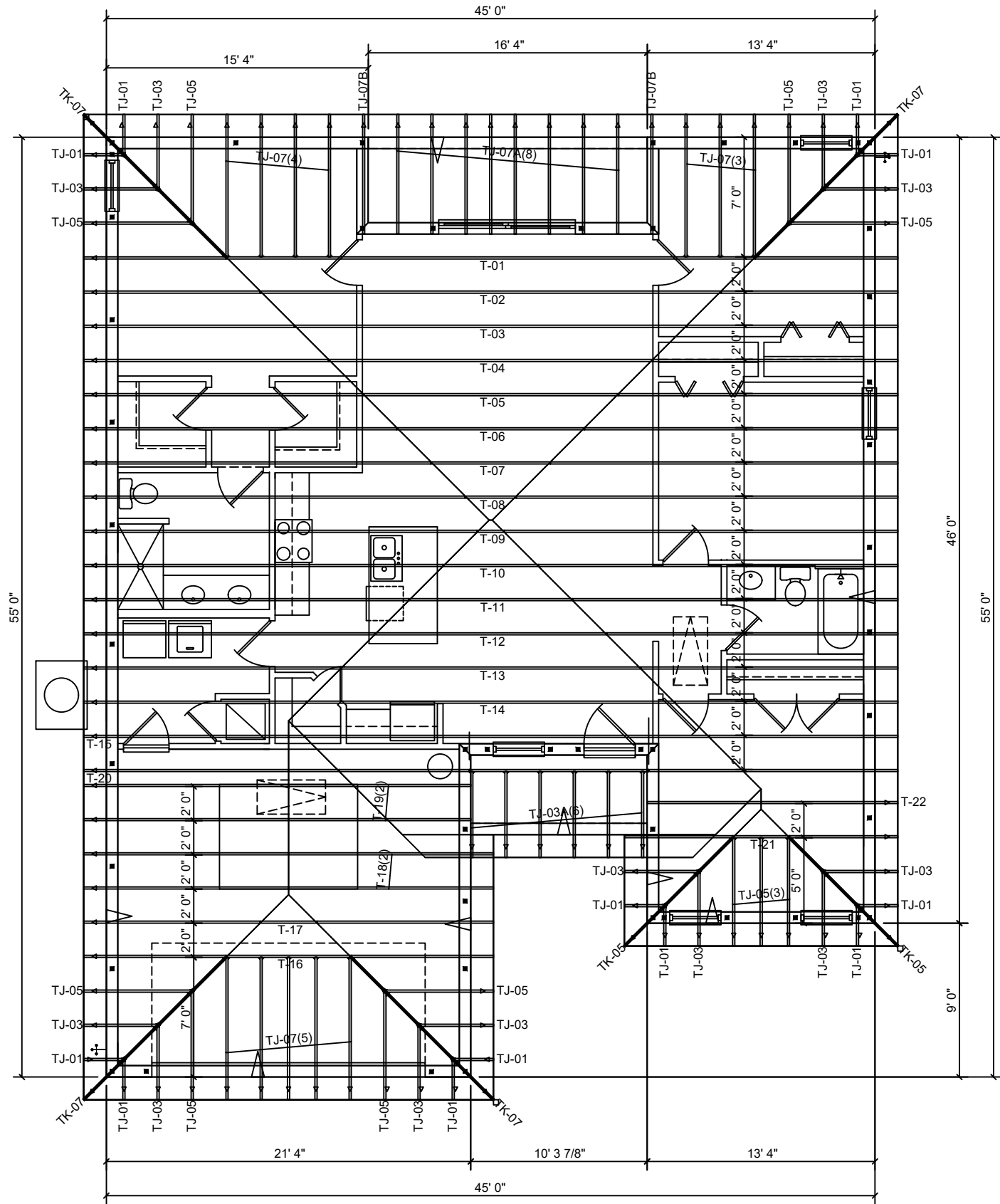
Lot #:
N/A

S1

ALBERTO GUIDA
PE #: 74000 FL

Guida

Guida Design Group
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Phone: 321.663.7022
email: admin@guidadesigngroup.com
www.guidadesigngroup.com



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

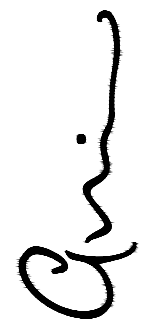
ROOF TRUSSES

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601
Drawn By:
R.G
Date:
00.00.18
Scale:
1/8"(11X17)
1/4"(24X36)
Lot #:
N/A

S2

ALBERTO GUIDA
PE #: 74000 FL



Guida Design Group
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT + LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

CAST-CRETE		GRAVITY														UPLIFT														LATERAL	
LENGTH	TYPE	8U8	8F8-OB	8F12-OB	8F16-OB	8F20-OB	8F24-OB	8F28-OB	8F32-OB	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	2441	3155	4044	666	535	905	1295	1595	1896	2198	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	NR	243	295	459	591	724	857	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	NR	228	278	430	553	677	801	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	NR	188	236	361	464	567	670	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	NR	165	207	313	401	490	578	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	NR	145	186	278	356	433	512	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	NR	140	180	268	343	418	493	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	NR	127	165	244	312	380	447	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

	TYPE	LENGTH	GRAVITY								UPLIFT							LATERAL	
			8RU6	8RF6-OB 1591	8RF10-OB 3053	8RF14-OB 2982	8RF18-OB 3954	8RF22-OB 4929	8RF26-OB 5904	8RF30-OB 6880	8RF6-1T 1244	8RF10-1T 1573	8RF14-1T 2413	8RF18-1T 3260	8RF22-1T 4112	8RF26-1T 4967	8RF30-1T 5825	8RU6	8RF6
4'-4" (52") PRECAST	1489		1827	3412	4982	6472	7947	9416	10878	1244	1519	2339	3170	4008	4850	5696	932	932	
		1449	2782	2714	3600	4487	5375	6264	1192	1507	2311	3121	3937	4756	5577	853	853		
4'-6" (54") PRECAST	1357		1702	3412	4982	6472	7947	9416	10878	1192	1455	2240	3036	3837	4643	5453	501	501	
		832	1602	1550	2058	2566	3075	3585	924*	1172	1795	2423	3055	3689	4325	469	469		
5'-8" (68") PRECAST	785		1153	2162	4074	6472	6516	5814	6839	924	1132	1741	2357	2978	3603	4230	516	614	
		779	1500	1449	1924	2400	2876	3352	896*	1138	1742	2352	2965	3581	4198	469	469		
5'-10"(70") PRECAST	735		1103	2051	3811	6472	6516	5450	6411	896	1099	1690	2288	2891	3497	4106	830	1100	
		907	1677	2933	2576	3223	3872	4522	778	882	1513	2042	2573	3107	3642	469	469		
6'-8" (80") PRECAST	822		907	1677	2933	4100	6730	8177	6707	778	956	1468	1987	2509	3035	3563	830	1100	
		781	1377	2252	1958	2451	2944	3439	688	697	1325	1810	2280	2753	3227	710	941		
7'-6" (90") PRECAST	665		764	1377	2329	3609	5492	6624	5132	688	849	1302	1762	2225	2690	3157	710	941	
		420	834	1253	1071	1342	1614	1886	533*	433	808	1123	1413	1704	1995	516	614		
9'-8" (116") PRECAST	371		535	928	1497	2179	2618	3595	2875	533	527	1009	1369	1728	2088	2450	516	614	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

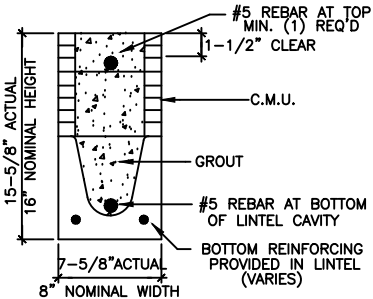
TYPE DESIGNATION

QUANTITY OF #5 REBAR AT
BOTTOM OF LINTEL CAVITY

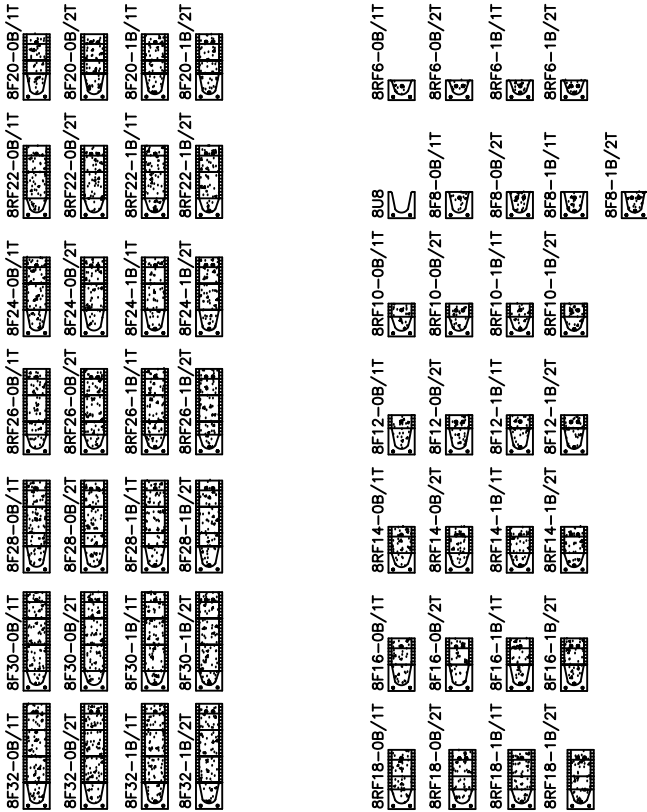
F = FILLED WITH
GROUT / U = UNFILLED

8F16-1B/1T

NOMINAL WIDTH
NOMINAL HEIGHT
QUANTITY OF #5
REBAR AT TOP



LINTEL DESIGNATION / SECTIONS



GENERAL INSTALLATION NOTES

Provide full mortar head and bed joints.

- Shore filled lintels as required.
- Installation of lintel must comply with the architectural and/or structural drawings.
- Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and 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.
- 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
- masonry units. Safe load ratings based on rational design analysis per ACI 318 and ACI 530 9.

SAFE LOAD TABLE NOTES

- 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.
- N.R. = Not Rated.
- Safe loads are total superimposed allowable load on the section specified.
- Safe loads based on grade 40 or grade 60 field rebar.
- Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
- 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
- calculating the maximum resisting moment and shear at d-away from the face of support.
- 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.
- f_c prestressed lintels = 6000 psi.
 - f_c grout = 3000 psi w/ maximum 3/8" aggregate.
 - Concrete masonry units (CMU) per ASTM C90 w/
 - minimum net area compressive strength = 1900 psi. Rebar provided in precast lintel per ASTM A615 GR60.
 - Field rebar per ASTM A615 GR40 or GR60. Prestressing strand per ASTM A416 grade
 - 270 low relaxation. 7/32 wire per ASTM A510.
 - Mortar per ASTM C270 type M or S. 8.

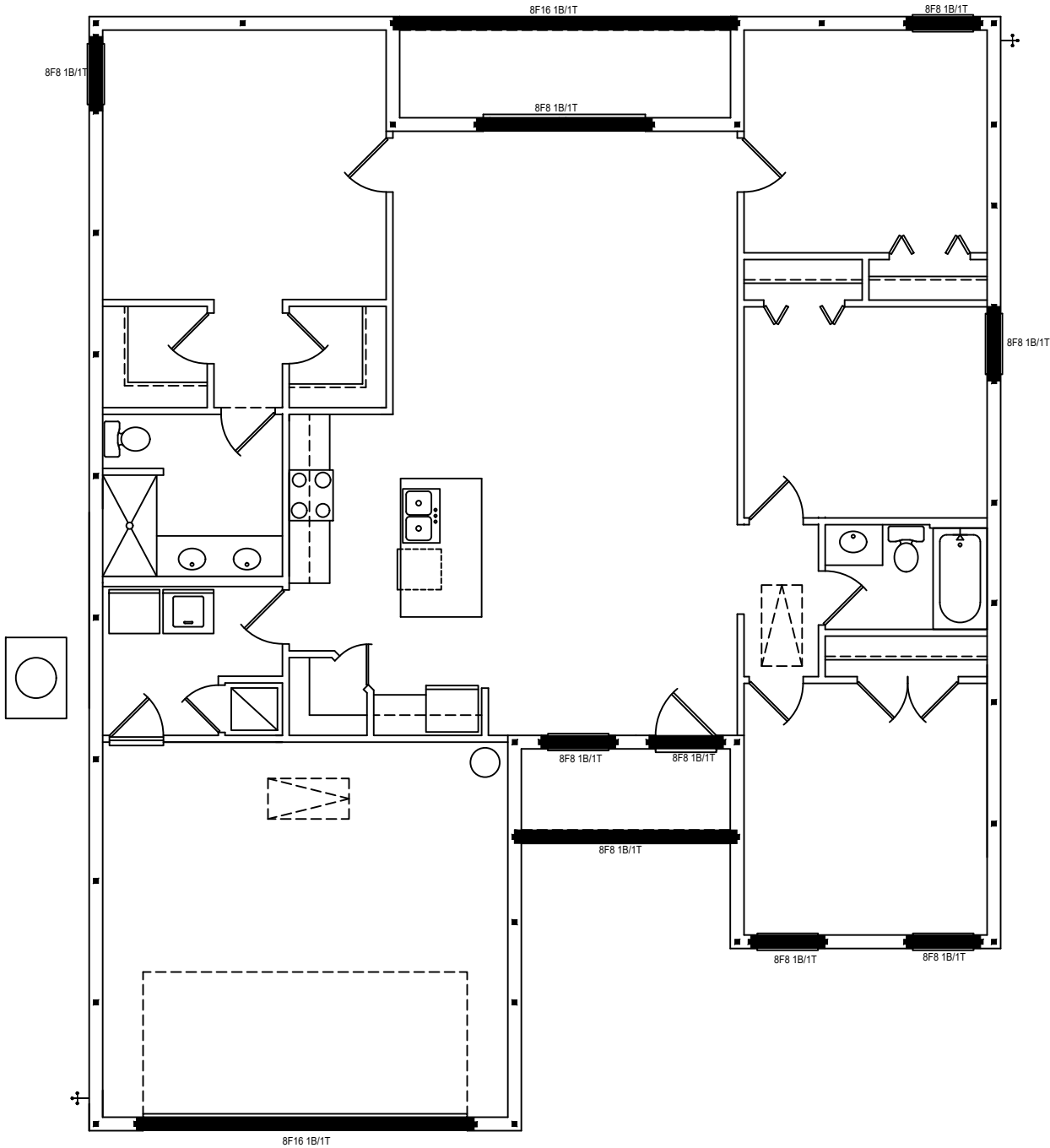
NOTE: THIS INFORMATION IS BASED ON THE DATA SUPPLIED BY CAST-CRETE AND ITS ENGINEERS.

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.

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LINTEL NOTES

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER



LINTEL PLAN

JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

Drawn By:
R.G

Date:
00.00.18

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

Lot #:
N/A

S4

ALBERTO GUIDA
PE #: 74000 FL

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Guida

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. 208.11).

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.

200AMP WP. BREAKER

METER

SECONDARY FEED BY UTILITY CO.

GROUND PER N.E.C.

#4/0 ALUM. S.E.R.

200A-MAIN BREAKER @ NI INSIDE PANEL

8 RMX TO RNG.

10/3 TO DRYER

10/2 TO W/H

A/C & A/H T.B.D.

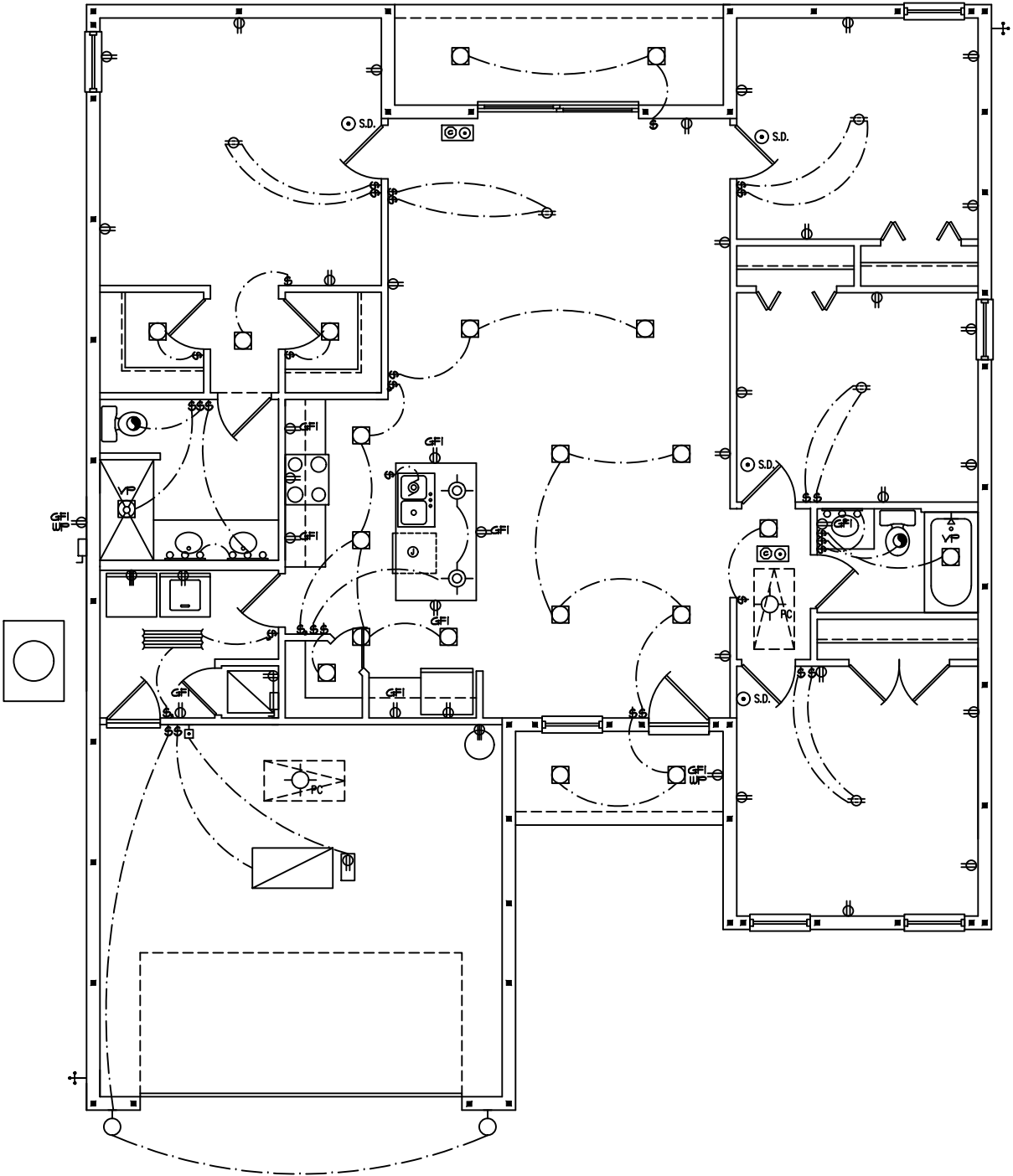
14 FOR LIGHT AND PWR

INTERIOR PANEL

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 (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.



1ST FLOOR
SCALE: 11x17(1/8" = 1'-0") 24x36(1/4" = 1'-0")

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 OUTLETS IN THE KITCHEN, BATHROOMS, GARAGE AND EXTERIOR TO BE GFCI. ALL OUTLETS IN BEDROOMS TO BE AFCI.
4. ALL OUTLETS OVER COUNTERTOPS TO BE 42" AFF 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 GFCI.
6. PROTECTED PER NEC 210.3 [C].
7. RECEPTACLES IN WET LOCATIONS PER NEC 406.8 [D] ETC. & ALL ELECTRICAL SHALL COMPLY TO NATIONAL ELECTRICAL CODE 2014.
8. 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 BICDesign. Must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

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Alberto Guida

1ST ELCT FLOOR LAYOUT
JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

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.	34 UTILITY CHASE SCALE: N.T.S.	56 POST/FOOTING CONNECTION SCALE: N.T.S.	X DETNUM SCALE: N.T.S.

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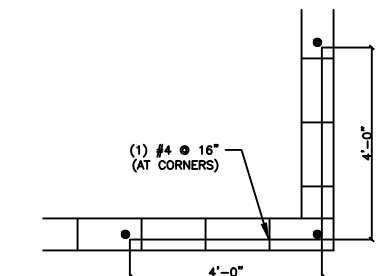
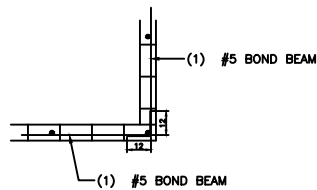
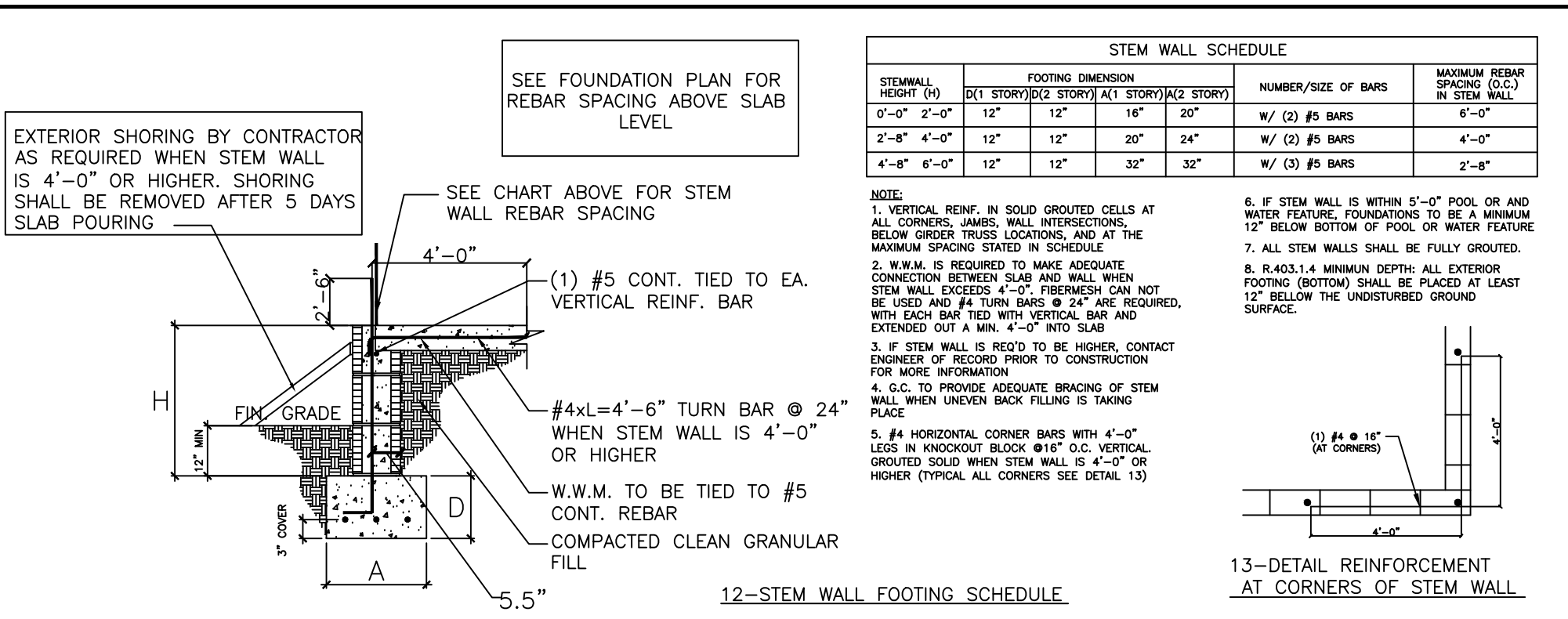
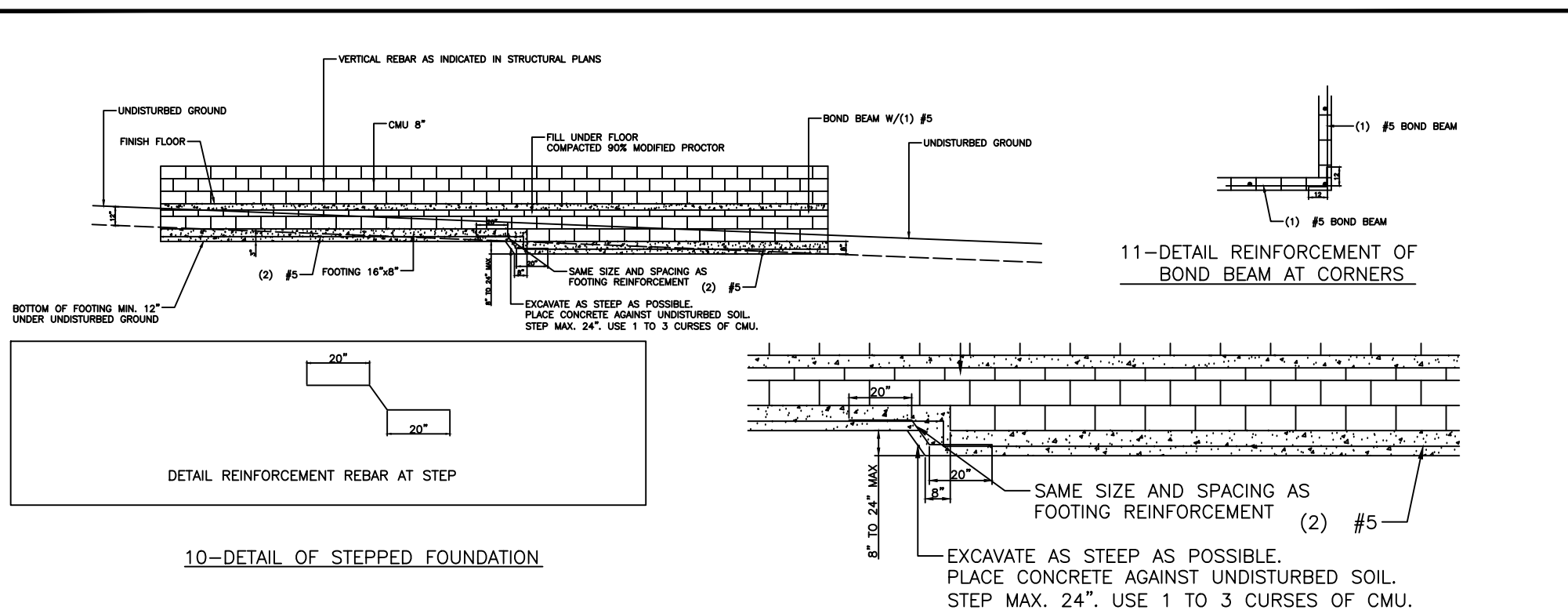
Guida

DETAILS
JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601
Drawn By:
R.G.
Date:
00.00.18
Scale:
1/8" (11X17)
1/4" (24X36)
Lot #:
N/A

D1

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PE #: 74000 FL



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DETAILS

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MASTER**

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00.00.18

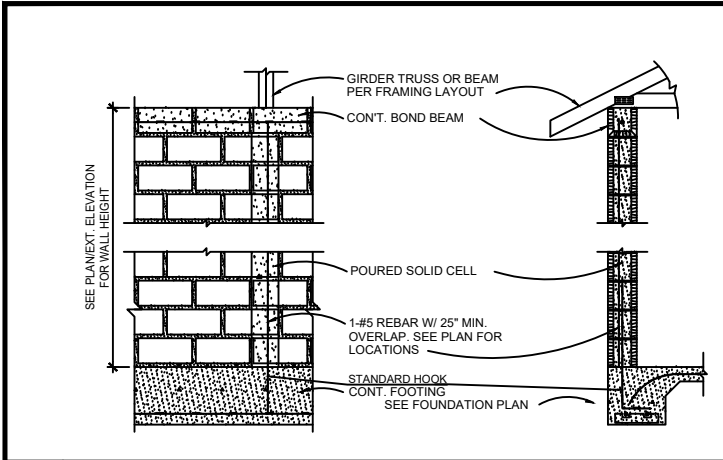
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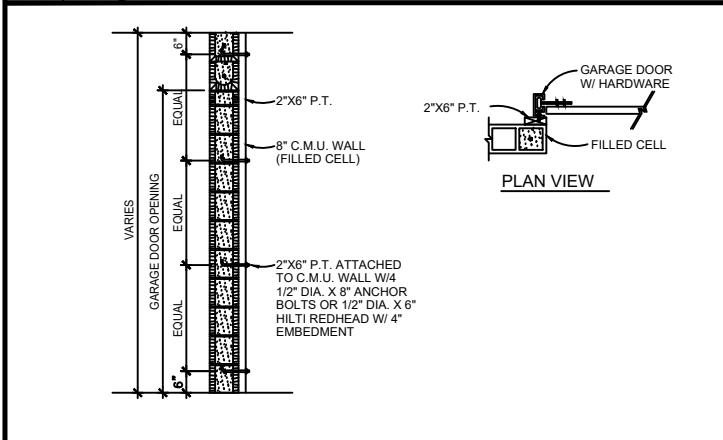
D1.S

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PE #: 74000 FL

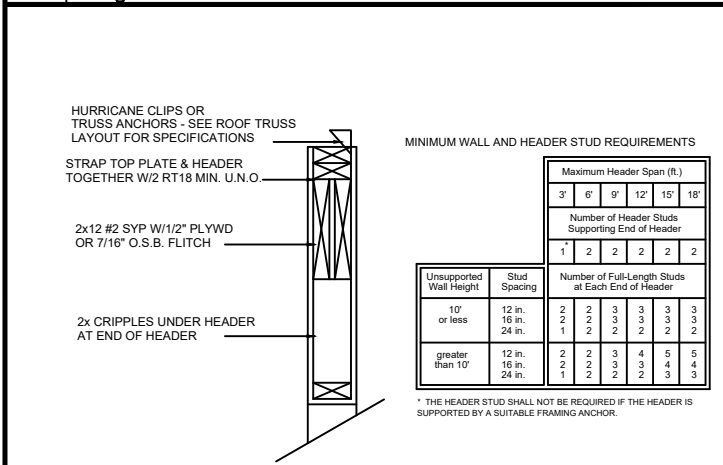
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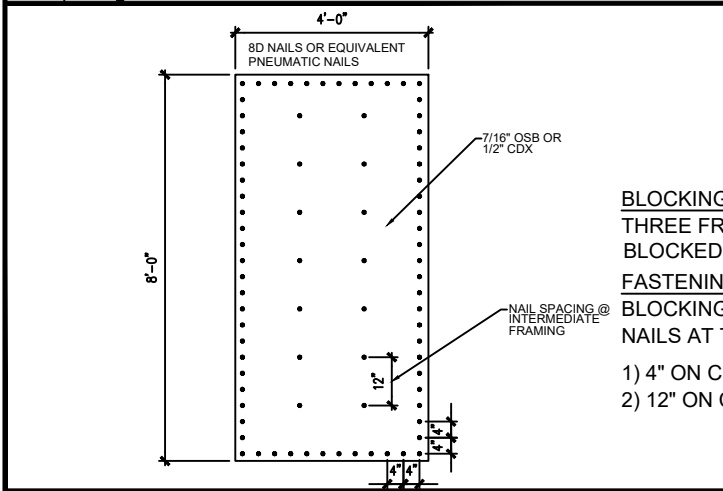
37 POST IN EXTERIOR BLOCK WALL SCALE: N.T.S.



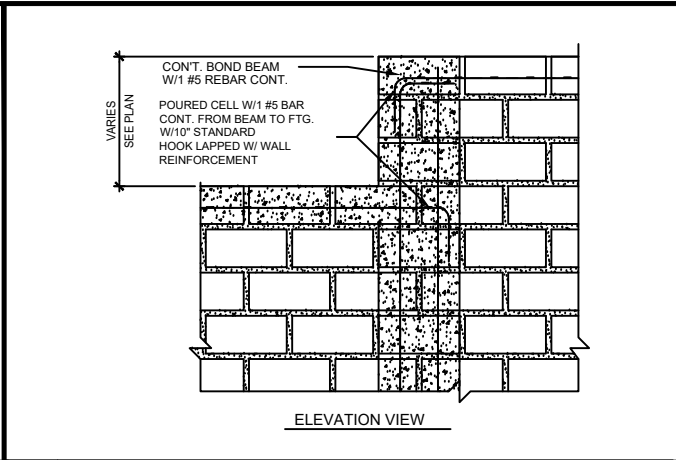
44 GARAGE DOOR BUCK SCALE: N.T.S.



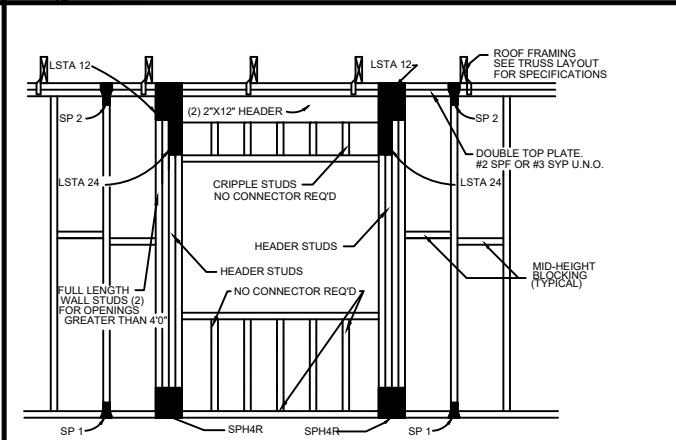
46 HEADER DETAIL SCALE: N.T.S.



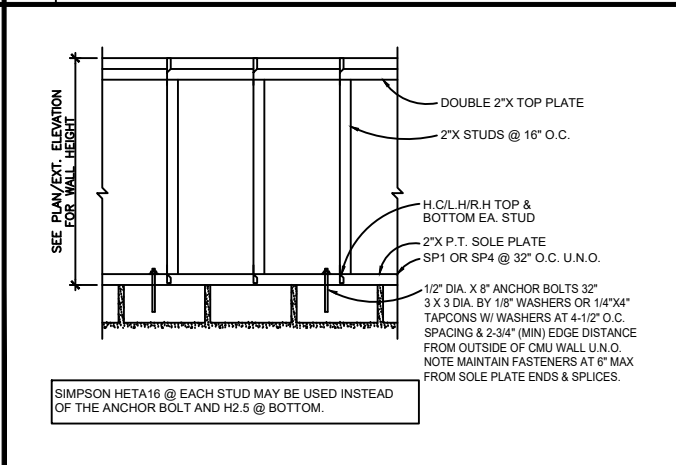
48 EXTER. NAILING PATTERN DETAIL SCALE: N.T.S.



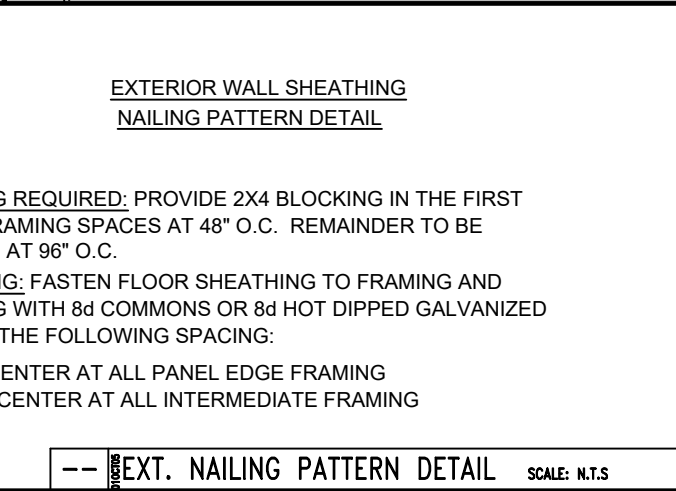
41 STEP DOWN TIE BEAM SCALE: N.T.S.



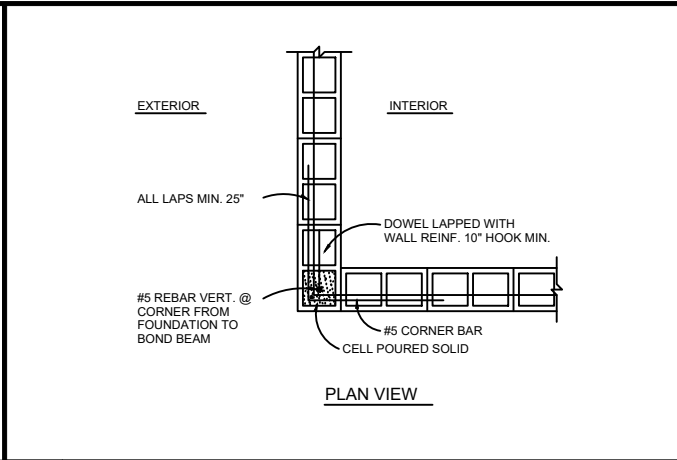
45 BEARING OPENING WOOD FRAME SCALE: N.T.S.



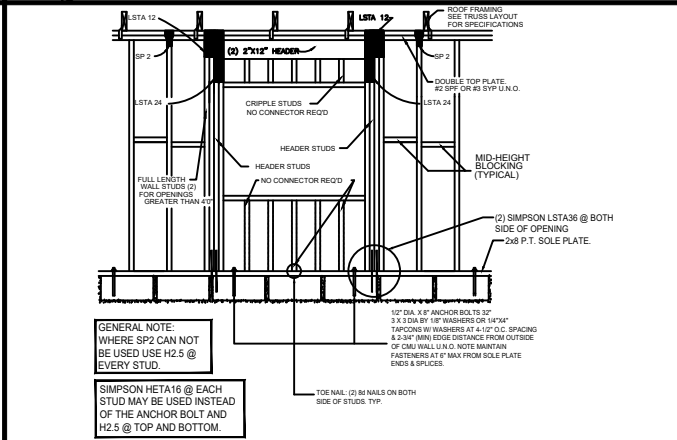
50 KNEE WALL TO MASONRY SCALE: N.T.S.



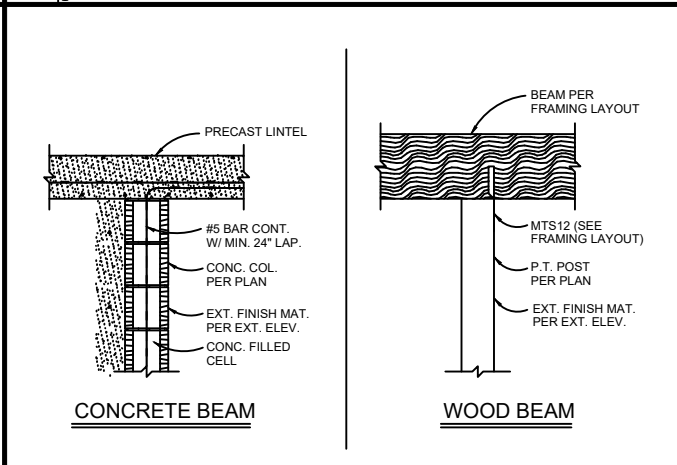
52 DETNUM SCALE: N.T.S.



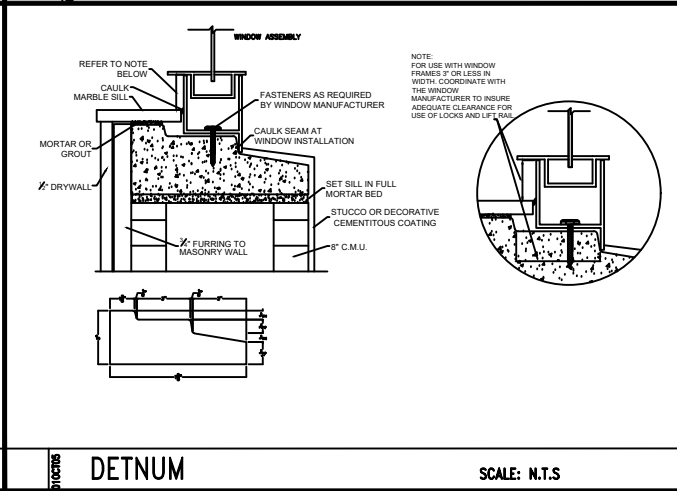
42 CORNER-VERTICAL WALL REINF. SCALE: N.T.S.



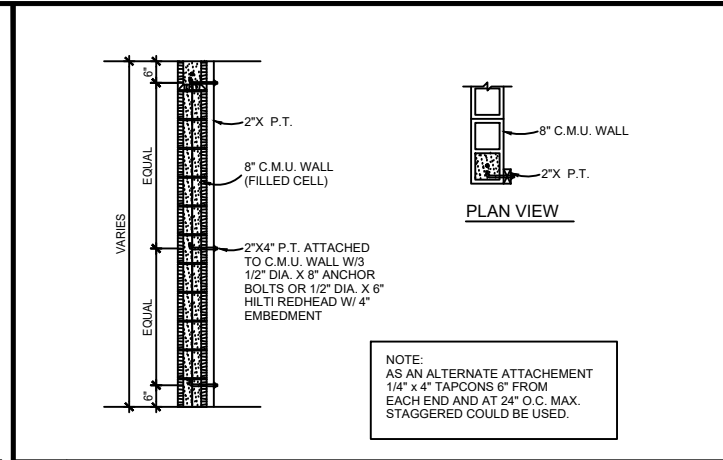
45B EXT. BLOCK WALL CONNECTION @ WINDOW SCALE: N.T.S.



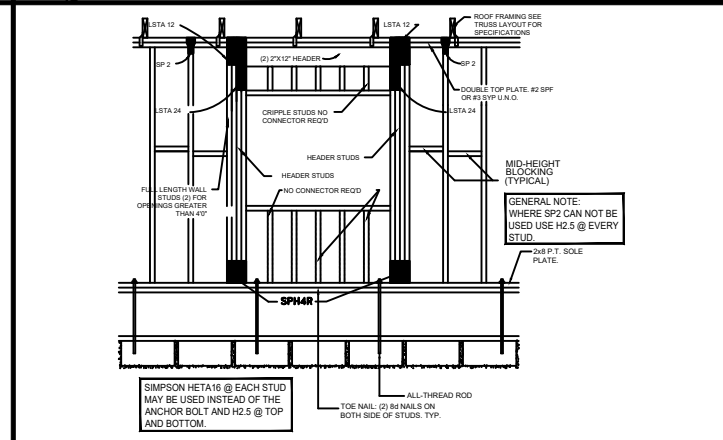
55 POST/BEAM CONNECTION SCALE: N.T.S.



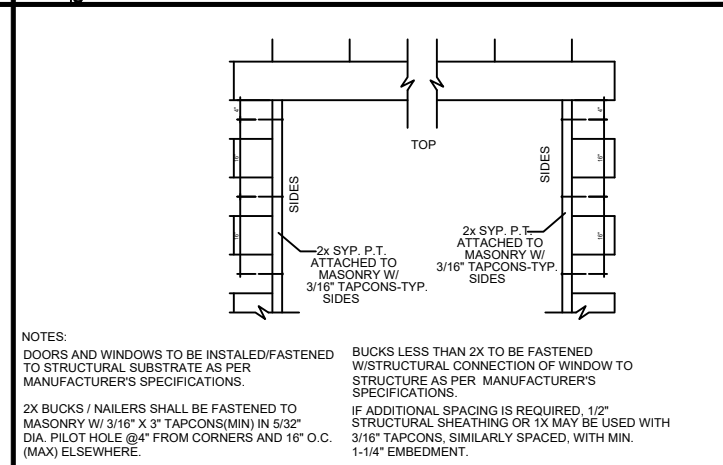
59 SHEARWALL PANEL SCALE: N.T.S.



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



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



80 BUCK DETAIL SCALE: N.T.S.

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MASTER

Job No.
19-4601

Drawn By:
R.G

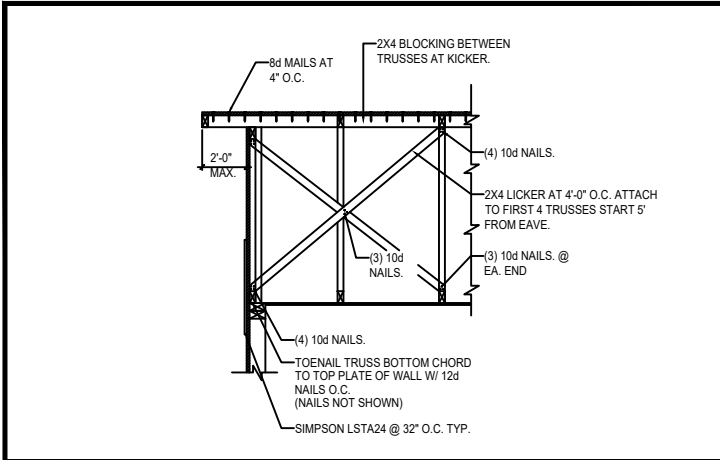
Date:
00.00.18

Scale:
1/8"=1' (11X17)
1/4"=2' (24X36)

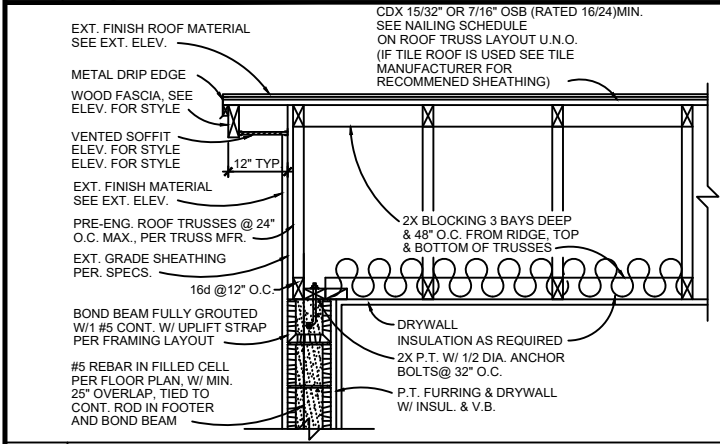
Lot #:
N/A

D2

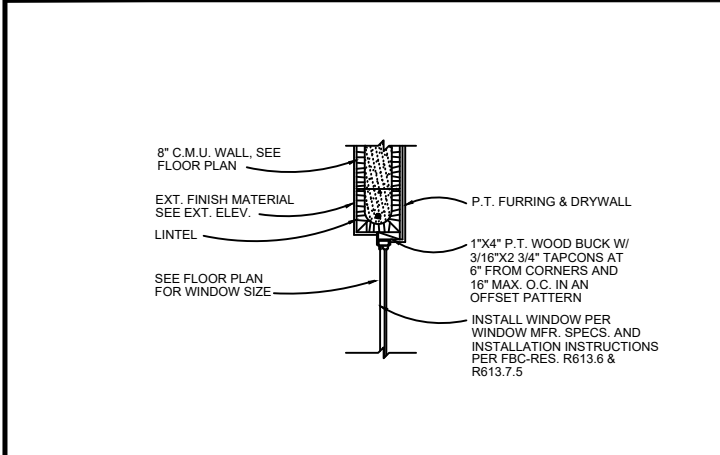
ALBERTO GUIDA
PE #: 74000 FL



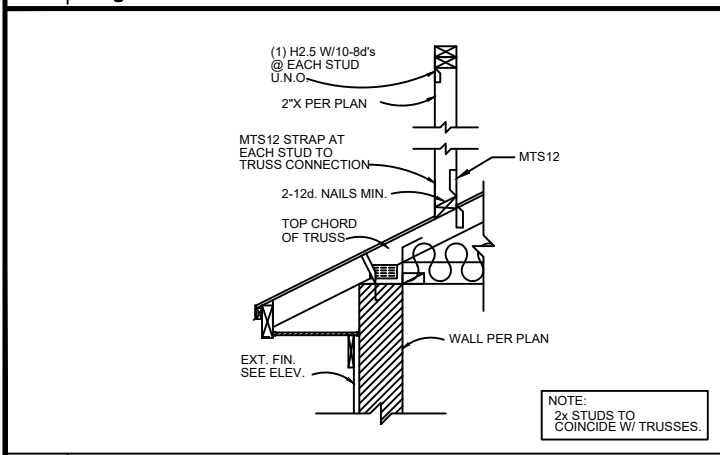
12 GABLE END SECTION SCALE: N.T.S.



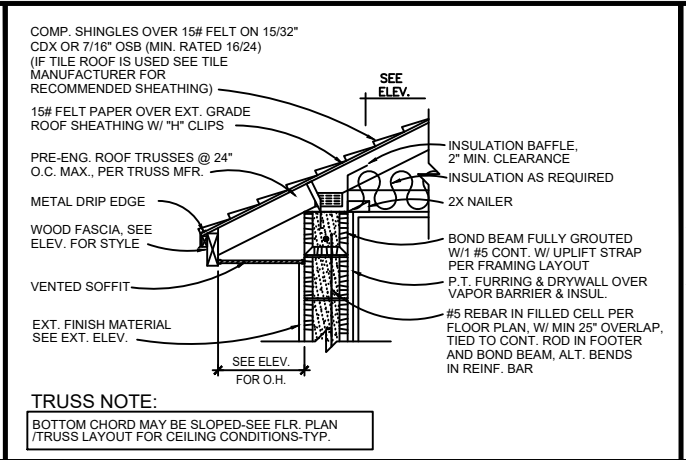
15 GABLE END BLOCKING SCALE: N.T.S.



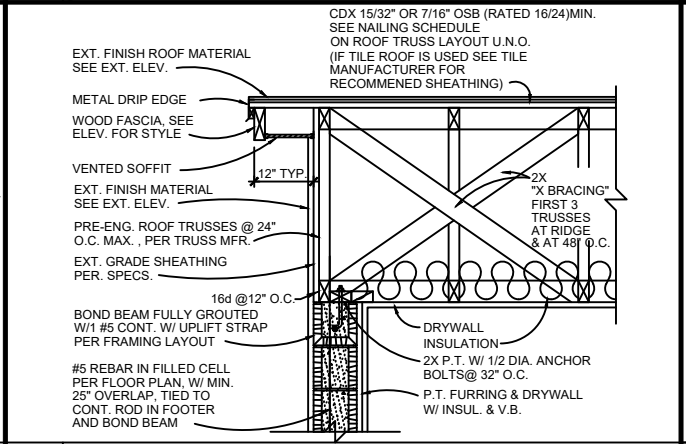
18 WINDOW HEAD AT BLOCK SCALE: N.T.S.



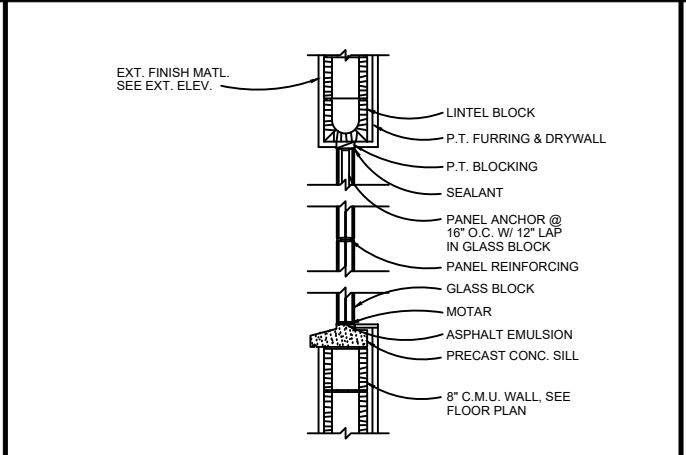
49 CRIPPLE WALL ON TRUSS SCALE: N.T.S.



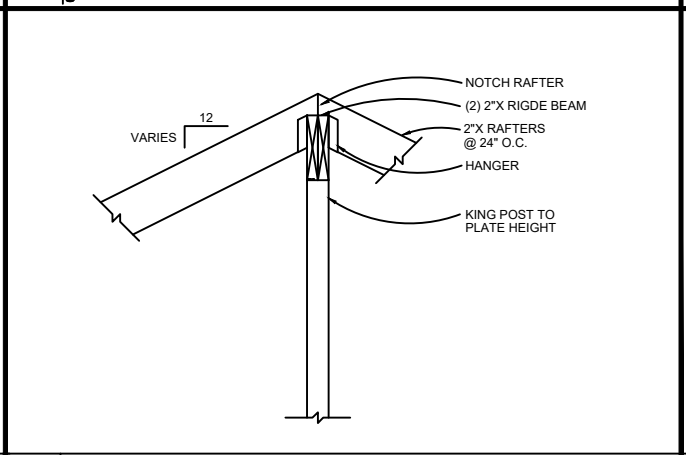
13 TRUSS AT BLOCK SCALE: N.T.S.



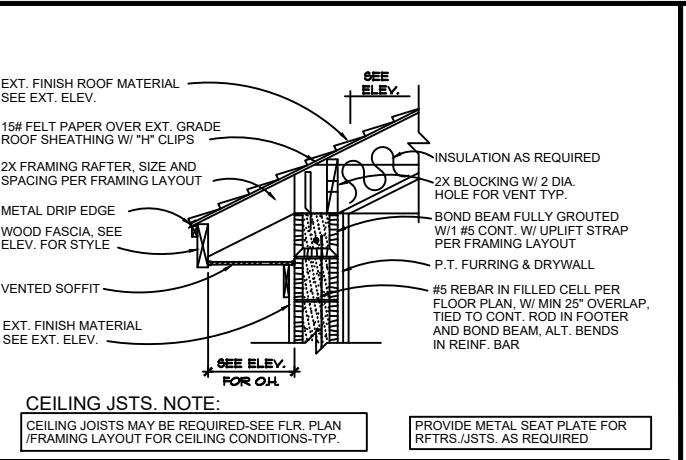
16 GABLE AT BLOCK SCALE: N.T.S.



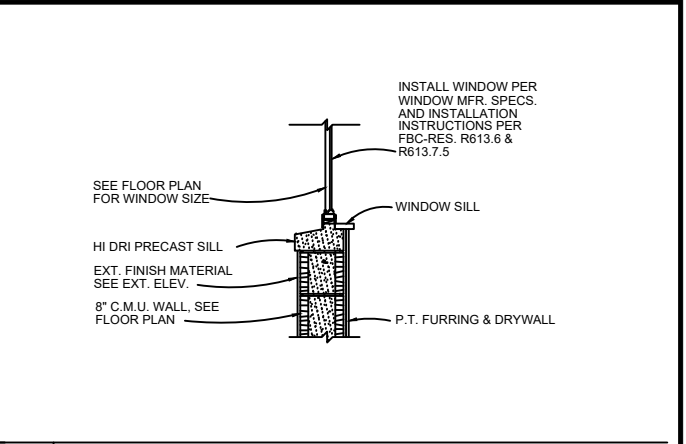
19 GLASS BLOCK AT BLOCK SCALE: N.T.S.



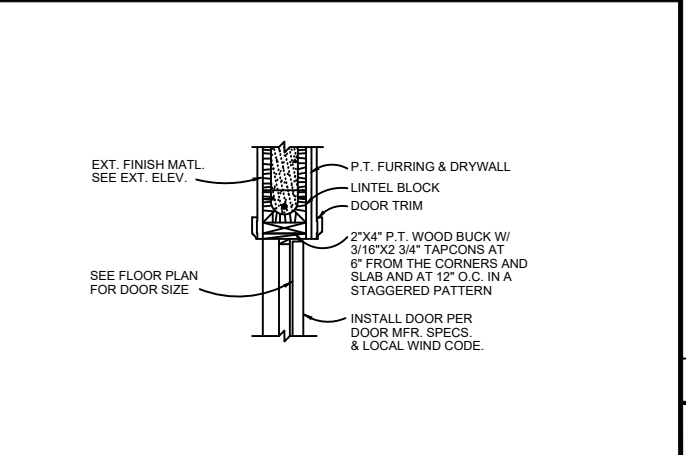
53 CONVENTIONAL FRAMING SCALE: N.T.S.



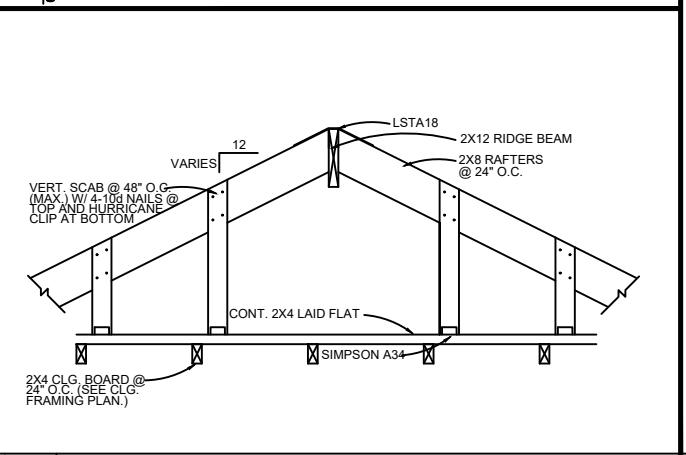
14 RAFTER AT BLOCK SCALE: N.T.S.



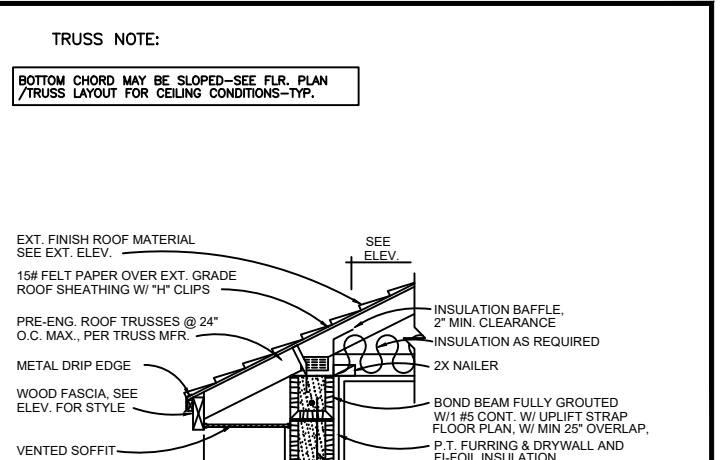
17 WINDOW SILL AT BLOCK SCALE: N.T.S.



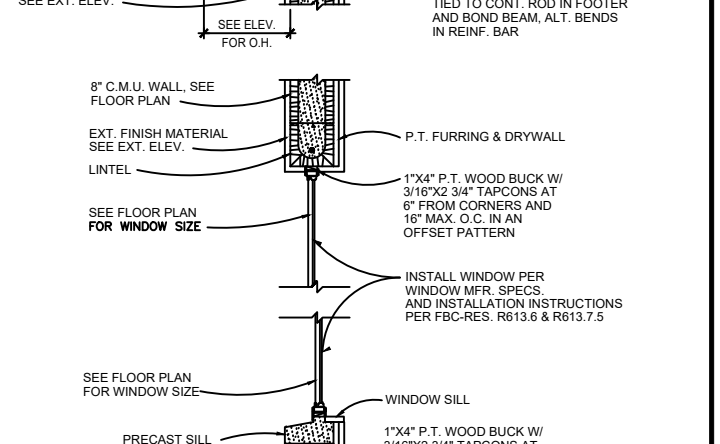
20 DOOR HEAD AT BLOCK SCALE: N.T.S.



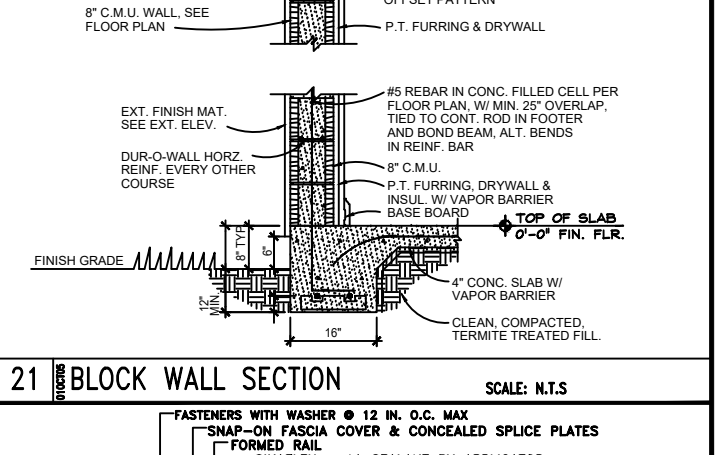
53B CONVENTIONAL FRAMING SCALE: N.T.S.



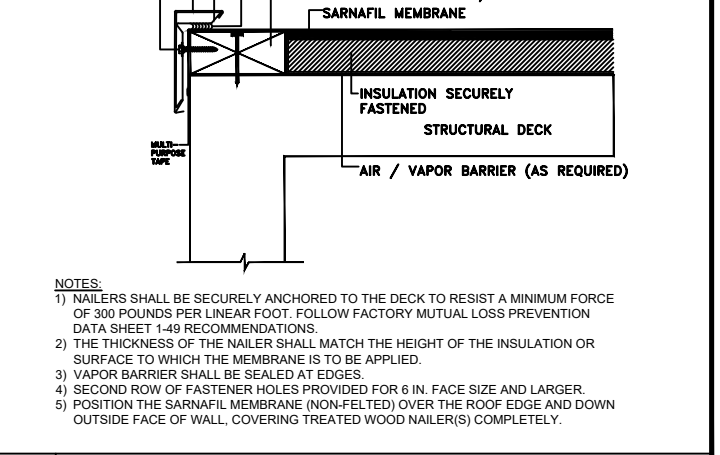
58 ROOF COVERING DETAIL SCALE: N.T.S.



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



58 ROOF COVERING DETAIL SCALE: N.T.S.



58 ROOF COVERING DETAIL SCALE: N.T.S.

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DETAILS
JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No.
19-4601

Drawn By:
R.G

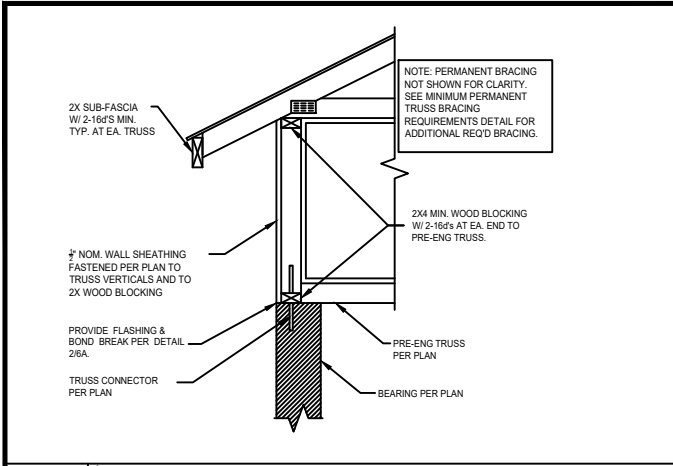
Date:
00.00.18

Scale:
1/8" (1" = 16')

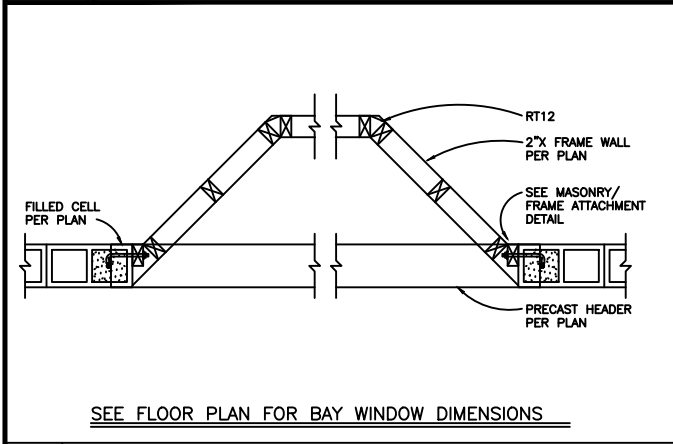
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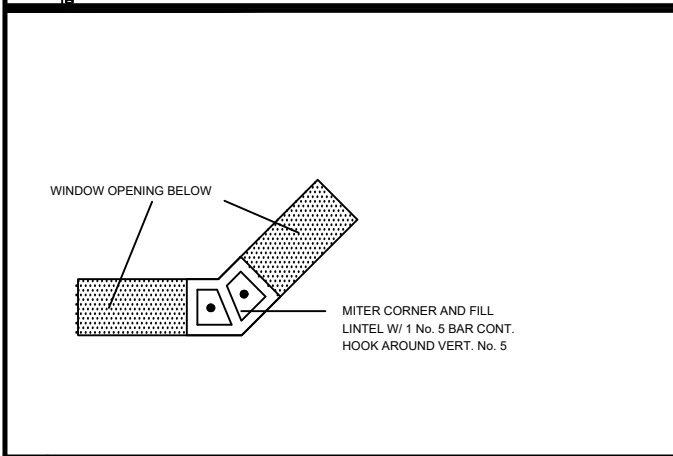
ALBERTO GUIDA
PE #: 74000 FL



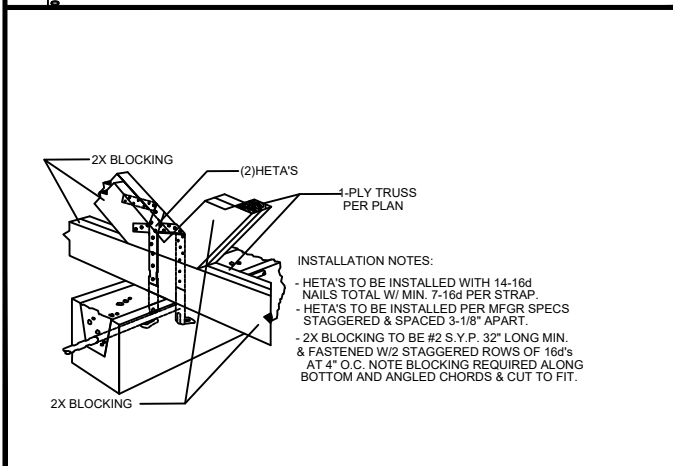
6/D4 RAISED HEEL TRUSS BRACING DETAIL SCALE: N.T.S.



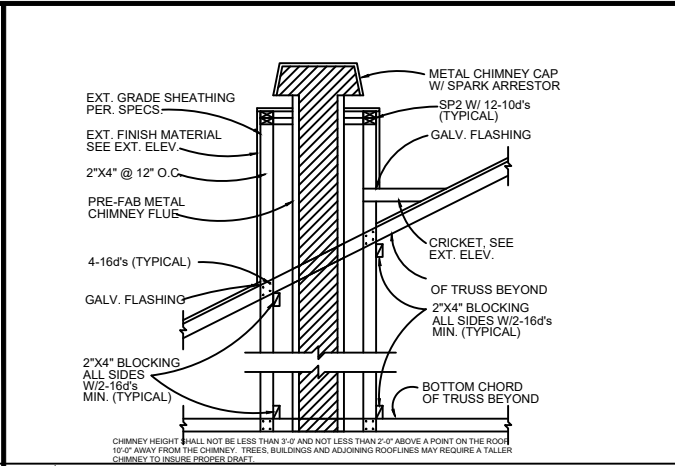
57 BAY WINDOW FRAMING SCALE: 3/4" = 1'-0"



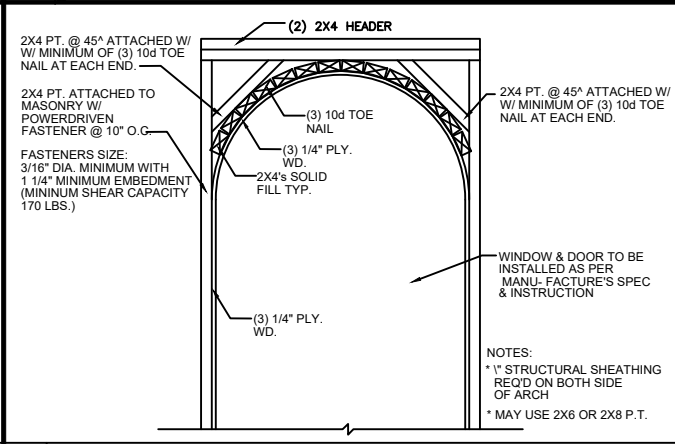
MITERED CORNER DETAIL SCALE: N.T.S.



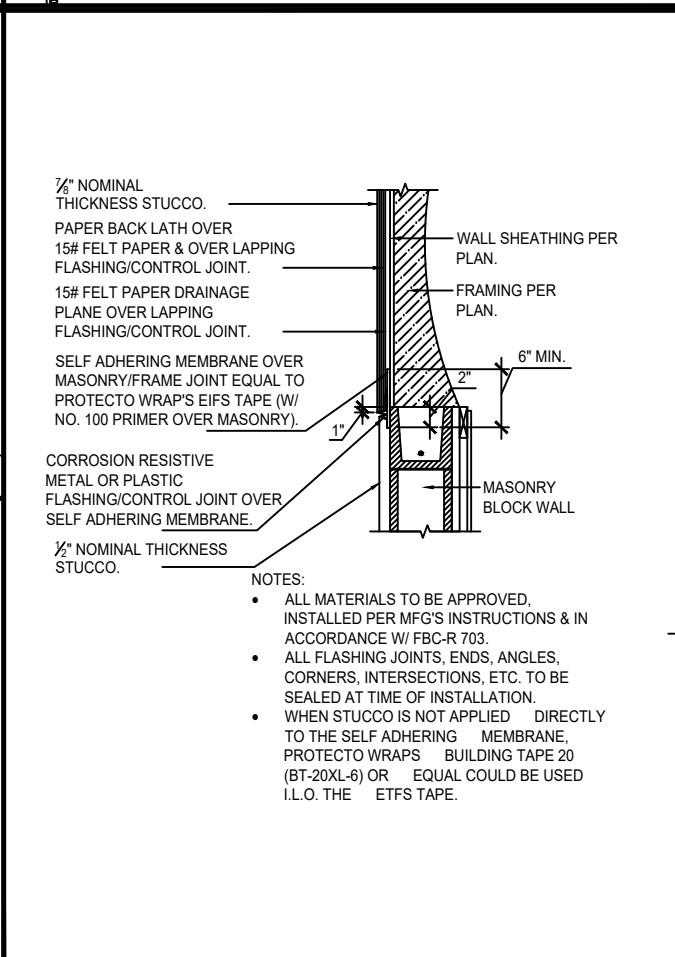
7/D4 DOUBLE HETA INSTALLATION W/ FILLER BLOCKING SCALE: N.T.S.



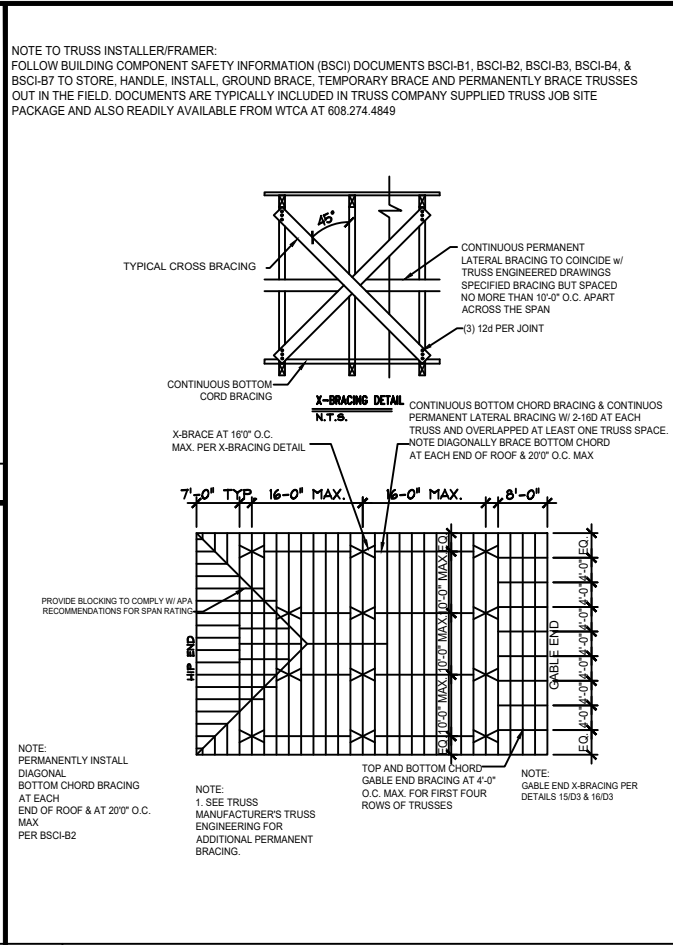
51 CHIMNEY FRAMING SCALE: N.T.S.



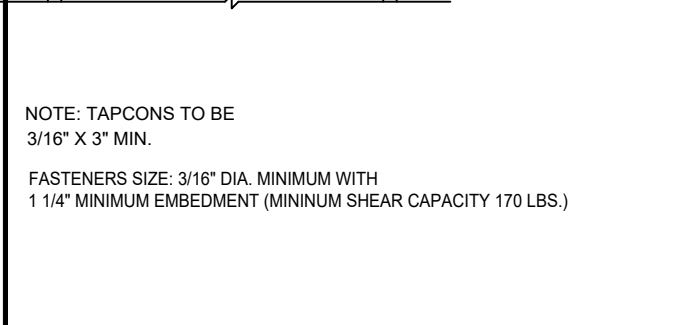
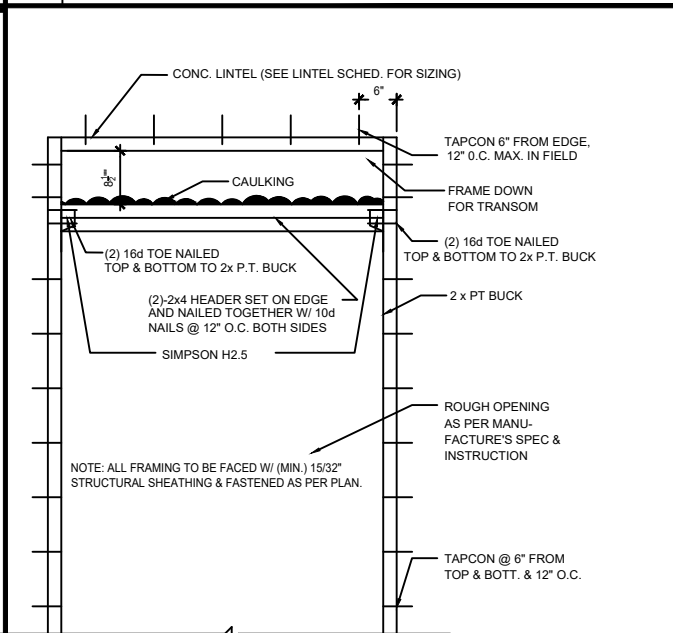
82 ARCH TOP WIN. DETAIL SCALE: N.T.S.



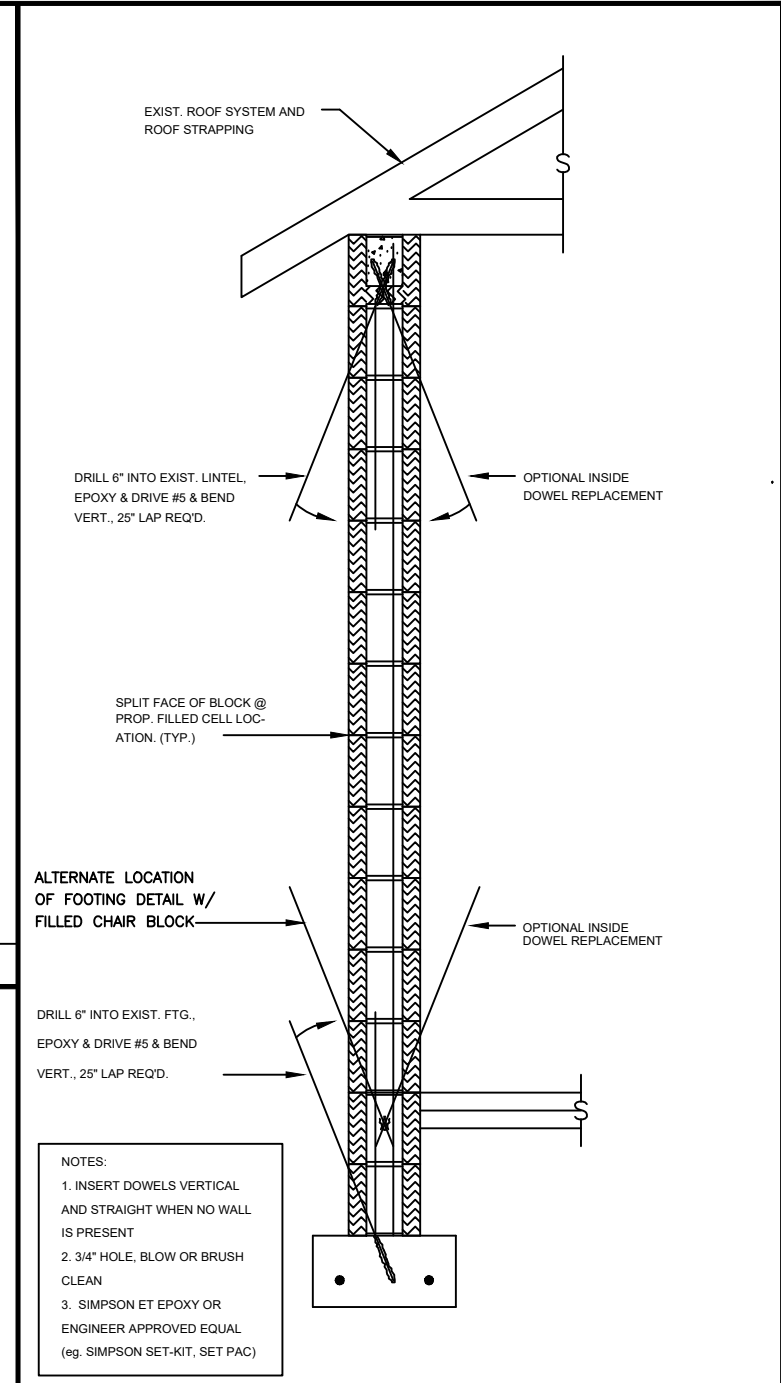
2/D4 FLASHING/CONTROL JOINT - WEEP SCREED DETAIL SCALE: N.T.S.



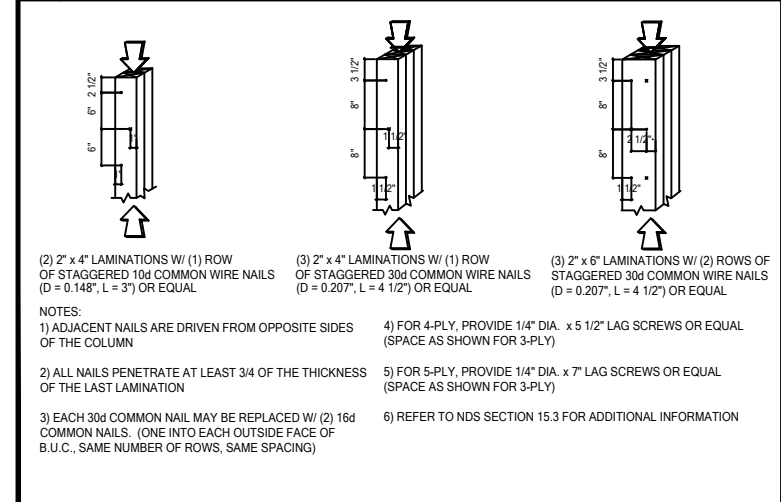
5/D4 MINIMUM PERMANENT TRUSS BRACING REQUIREMENTS SCALE: N.T.S.



WINDOW TRANSOM FORM DETAIL SCALE: N.T.S.



DETNUM SCALE: N.T.S.



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

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DETAILS

JENNAH AND ASSOCIATES INC MODEL 1670

MASTER

Job No.
19-4601

Drawn By:
R.G

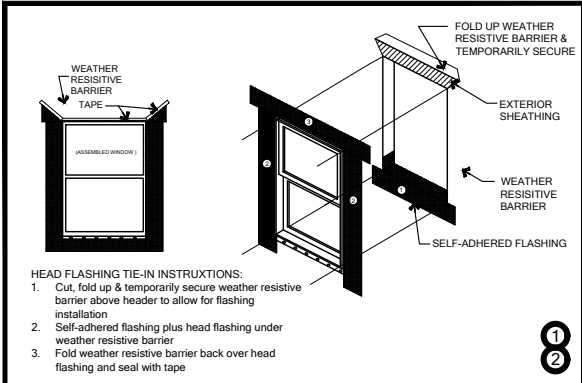
Date:
00.00.18

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

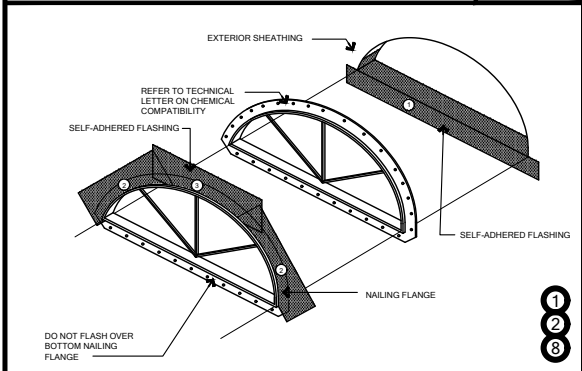
Lot #:
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D4

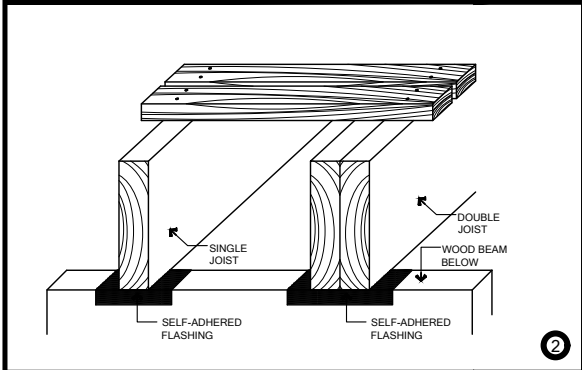
ALBERTO GUIDA
PE #: 74000 FL



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

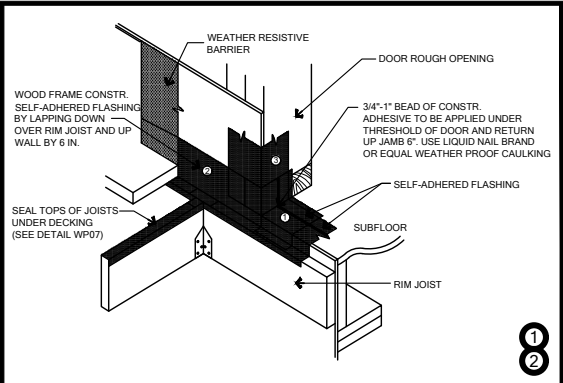


SELF-ADHERED FLASHING HALF ROUND WINDOW

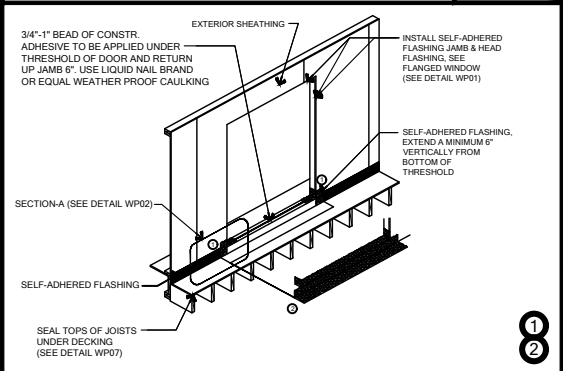


SELF-ADHERED FLASHING DECK JOIST

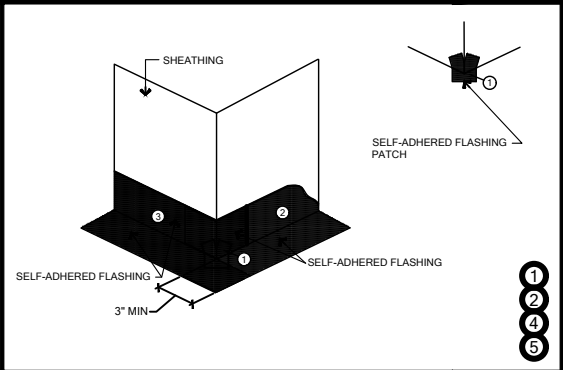
NOT USED



SELF-ADHERED FLASHING EXTERIOR DOOR WITH DECK - SECTION A

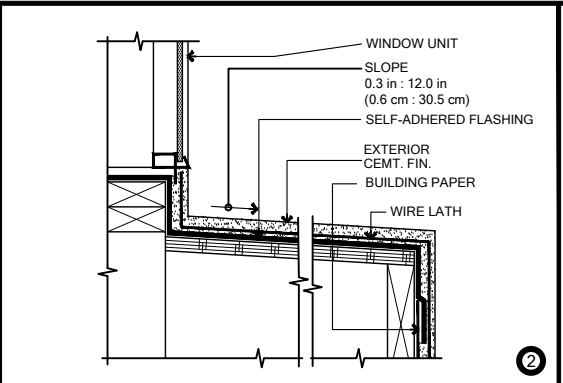


SELF-ADHERED FLASHING EXTERIOR DOOR WITH DECK

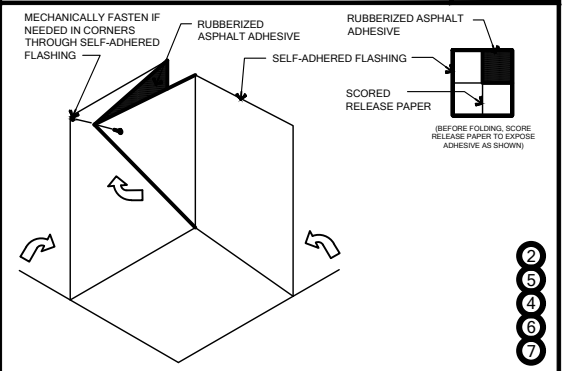


SELF-ADHERED FLASHING OUTSIDE CORNER

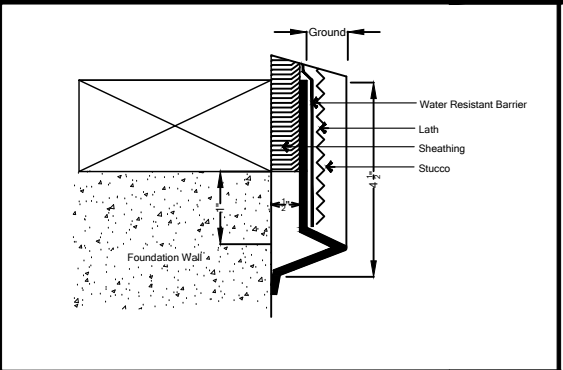
NOT USED



SELF-ADHERED FLASHING CEMENT FINISH SILLS/ POTSHELF/ CHIMNEY SHOULDER



SELF-ADHERED FLASHING INSIDE CORNER



FOUNDATION WEEP SCREED

NOT USED

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

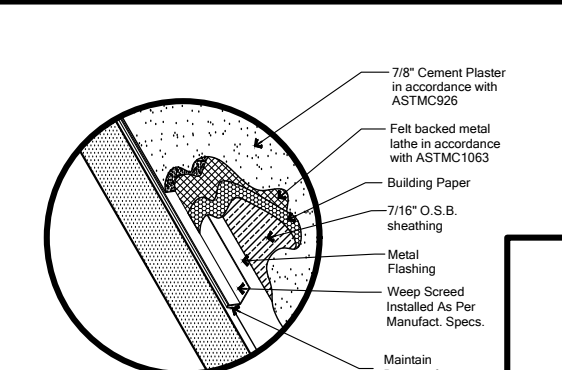
SELF-ADHERED FLASHING PRODUCTS DETAILS

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

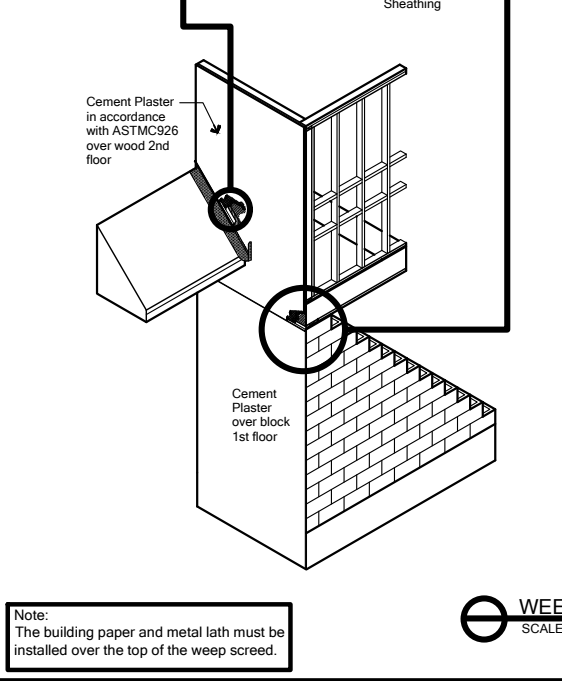
- Detail Instructions**
Refer to the number marked as ① in each detail that corresponds to the numbered items in the list of instructions below:
1. Install self-adhered flashing in order as shown by numbers
 2. Install flashing and weather resistive barrier to form water shedding laps
 3. Self-adhered 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



SELF-ADHERED FLASHING INSIDE CORNER



FOUNDATION WEEP SCREED



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

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.

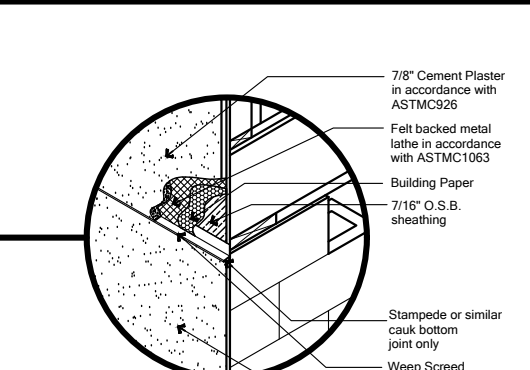
Exception: Omission of the water-resistive barrier is permitted in the following situations:

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

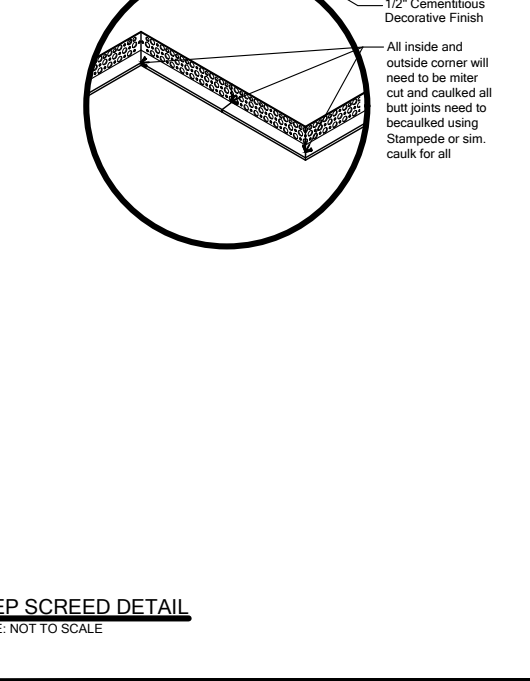
R703.4 Flashing. Approved corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall 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 of the 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.



FOUNDATION WEEP SCREED



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

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WATERPROOFING DETAILS
JENNAH AND ASSOCIATES INC MODEL 1670
MASTER

Job No. 19-4601
Drawn By: R.G.
Date: 00.00.18
Scale: 1/8" (11X17)
1/4" (24X36)
Lot #: N/A

WP

ALBERTO GUIDA
PE #: 74000 FL