

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
June 09, 2025

SOFTPLAN

EXTERIOR ELEVATIONS
SCALE 1/8" = 1'-0"

THE 1826 MODEL DESIGN FOR:
YASMANIS REYES
PROJECT ADDRESS: LOT 9, FAIRWAY VIEW UNIT 1A, LAKE CITY, FLORIDA 32025

WM DESIGN &
ASSOCIATES, INC.
428 SW COMMERCIAL DR., STE. 1
LAKE CITY, FL 32825
(386) 758-8406



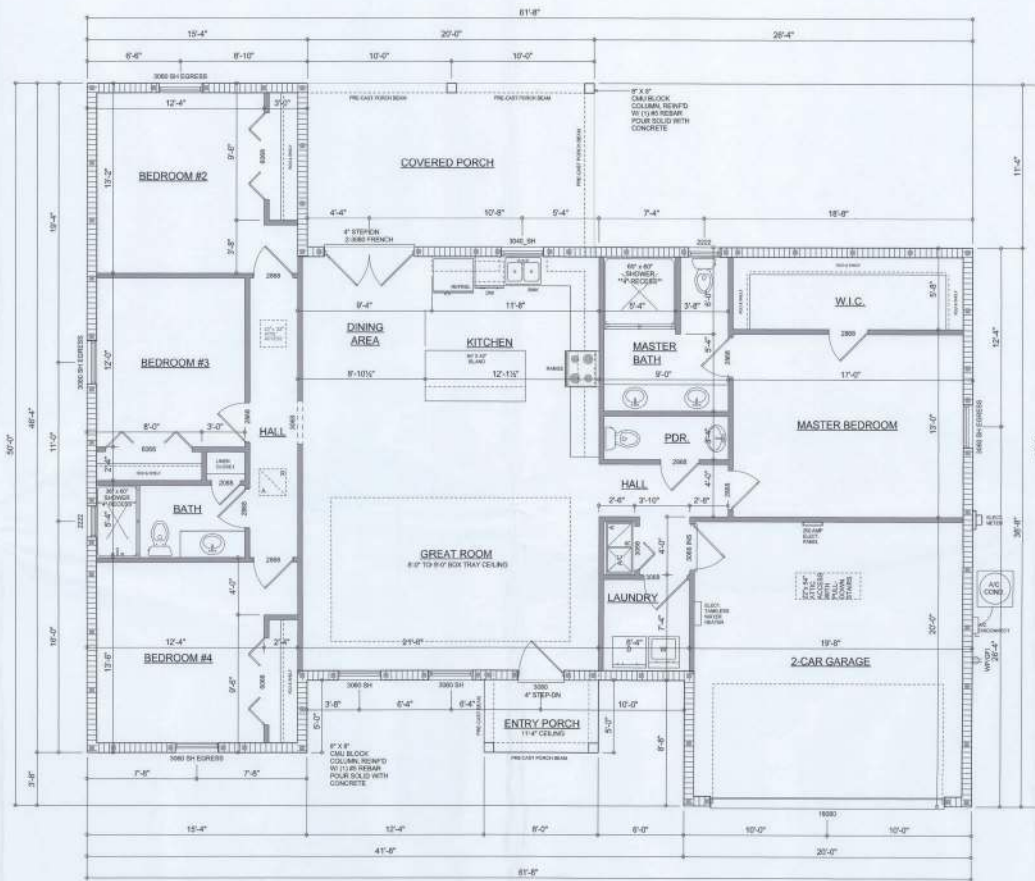
JOB NUMBER
20250609

SHEET NUMBER

A.1



Wall C-774



DIMENSIONED FLOOR PLAN

SCALE: 1/8" = 1'-0"
NOTE: ALL WALLS SHALL BE 6" UNLESS OTHERWISE NOTED.

Garage fire separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
4. When installing an attic access and/or pull-down stair unit in the garage, device shall have a minimum 20 min. fire rating.

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AREA SUMMARY

LIVING AREA	1,888	S.F.
GARAGE AREA	386	S.F.
COVERED PORCH AREA	227	S.F.
ENTRY PORCH AREA	40	S.F.
TOTAL AREA	2,541	S.F.

W.M.C. 7/10/2025

REVISIONS
JUNE 05, 2025

SOFTPLAN

DIMENSIONED FLOOR PLAN
SCALE: 1/8" = 1'-0"

THE 100% MODEL DESIGN FOR:
YASMANIS REYES
PROJECT ADDRESS: LOT 8, PARKWAY VIEW UNIT 1A, LAKE CITY, FLORIDA 32025

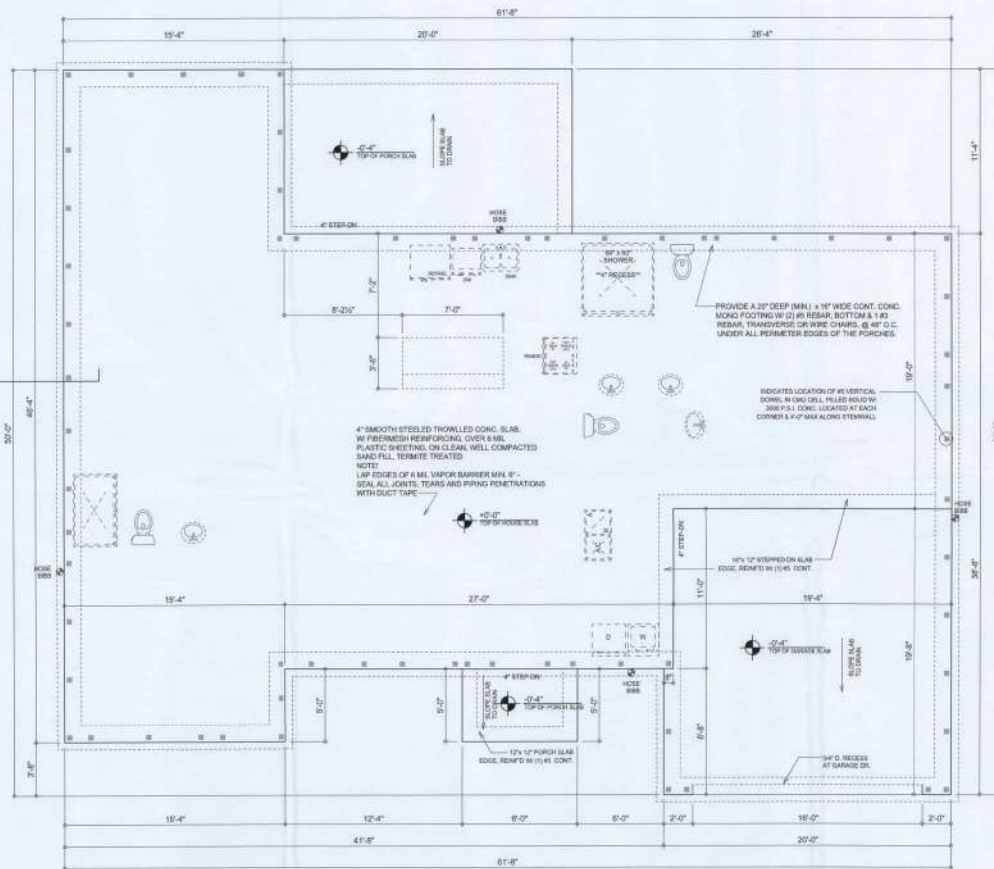
© W.M.C. & ASSOCIATES, INC.
400 SW GARDNER ST., STE. 100
LAKE CITY, FL 32025
(352) 755-8400
www.wmcsn.com



JOB NUMBER
20250609

SHEET NUMBER

A.2



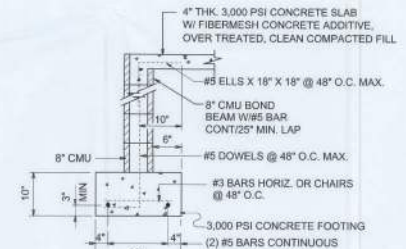
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

INTERIOR BEARING WALLS:
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE USED AND LOCATED ON THE FOUNDATION PLAN.

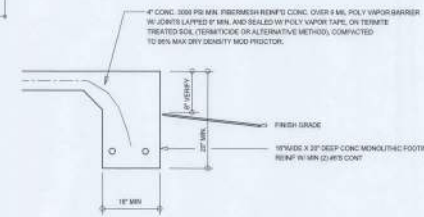
NOTE!
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING WALL LOCATIONS WITH THE TRUSS ENGINEER. SHOP DRAWINGS WITH THE FOUNDATION PLAN, ANY INTERIOR BEARING WALL LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF REVIEWING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GROUND SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX P-1 = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P-1 = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - Fm = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325 AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4 RT WOOD BOLL. CONT. - ALL AROUND, W/ 50" A.S. W/ 7' 50" 1" PLATE WANGERS WITHIN 6" FROM EACH CORNER, EA. WAY & WITHIN 6" FROM ALL WALL OPENINGS / FINISH - 10" A.S. W/ 2" 50" WANGERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 6" EMBEDMENT INTO THE CONCRETE.



SECTION (optional) A
SCALE: 3/4" = 1'-0"



SECTION A
SCALE: 3/4" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
June 09, 2023

SOFTPLAN

THE 1026 MODEL DESIGN FOR
YASMANIS REYES
OFFICE ADDRESS: LOT 9, JARWAY VILLAGE UNIT 1-A, LAKE CITY, FLORIDA 32825

ARCHITECT
NICHOLAS PAUL
BEHNKE
ARCHITECT
N.C.A.A.C. Certified

2
NICHOLAS PAUL
BEHNKE
ARCHITECT
N.C.A.A.C. Certified

JOB NUMBER
20250609

SHEET NUMBER
S.1
OF 4 SHEETS

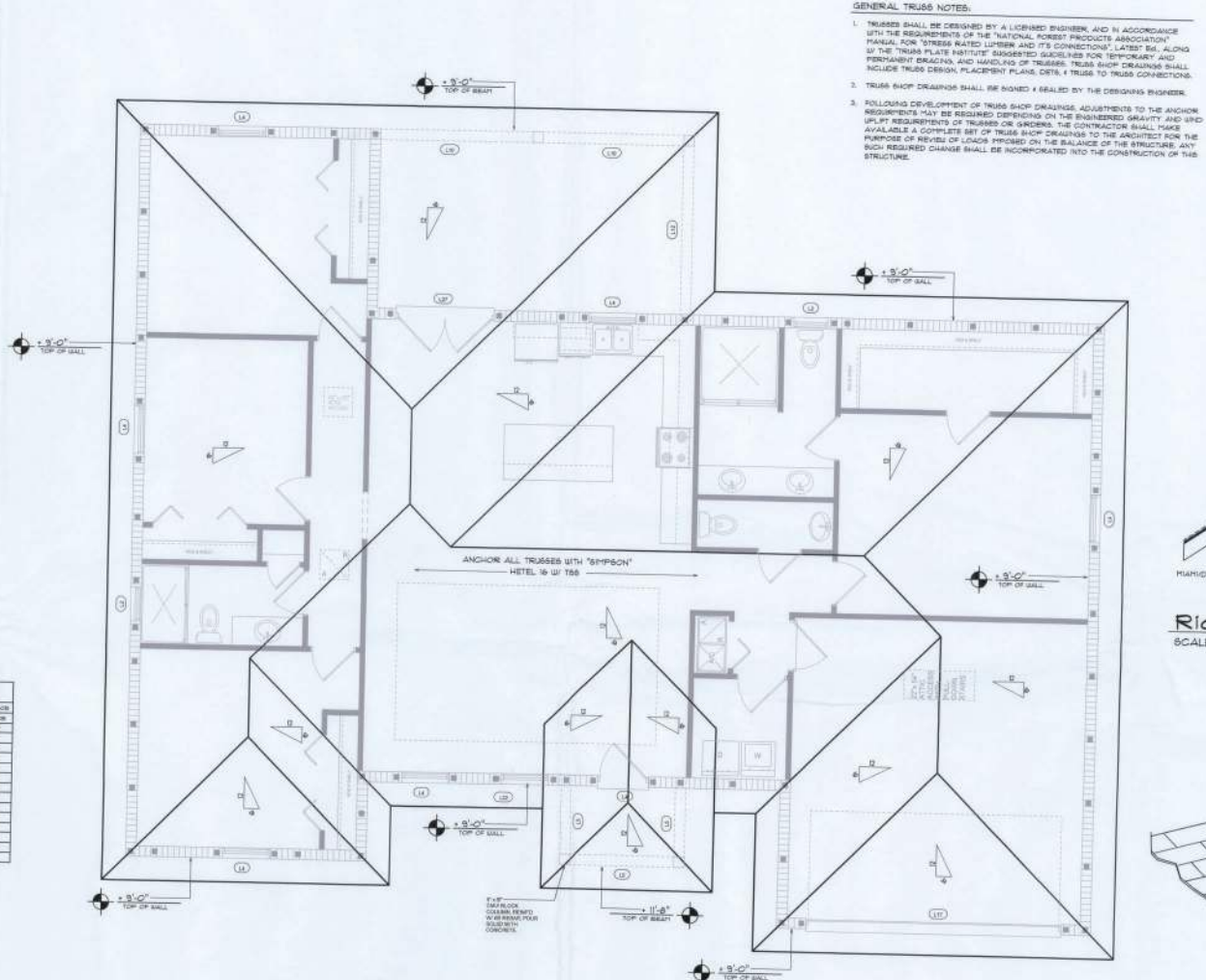
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5 th PRECAST V-22 REGIONS DOOR UNITS/LS									
GRAVITY									
NAME	LENGTH	TYPE	REG.	PRECAST SHEAR- KEY	PRECAST SHEAR- KEY	PRECAST SHEAR- KEY	PRECAST SHEAR- KEY	PRECAST SHEAR- KEY	PRECAST SHEAR- KEY
1.0A	4'0" (4'0")	PRECAST	100	841	842	843	844	845	846
1.0B	4'0" (4'0")	PRECAST	101	847	848	849	850	851	852
1.0C	4'0" (4'0")	PRECAST	102	853	854	855	856	857	858
1.0D	4'0" (4'0")	PRECAST	103	859	860	861	862	863	864
1.0E	4'0" (4'0")	PRECAST	104	865	866	867	868	869	870
1.0F	4'0" (4'0")	PRECAST	105	871	872	873	874	875	876
1.0G	4'0" (4'0")	PRECAST	106	877	878	879	880	881	882
1.0H	4'0" (4'0")	PRECAST	107	883	884	885	886	887	888
1.0I	4'0" (4'0")	PRECAST	108	889	890	891	892	893	894
1.0J	4'0" (4'0")	PRECAST	109	895	896	897	898	899	900
1.0K	4'0" (4'0")	PRECAST	110	901	902	903	904	905	906
1.0L	4'0" (4'0")	PRECAST	111	907	908	909	910	911	912
1.0M	4'0" (4'0")	PRECAST	112	913	914	915	916	917	918
1.0N	4'0" (4'0")	PRECAST	113	919	920	921	922	923	924
1.0O	4'0" (4'0")	PRECAST	114	925	926	927	928	929	930
1.0P	4'0" (4'0")	PRECAST	115	931	932	933	934	935	936
1.0Q	4'0" (4'0")	PRECAST	116	937	938	939	940	941	942
1.0R	4'0" (4'0")	PRECAST	117	943	944	945	946	947	948
1.0S	4'0" (4'0")	PRECAST	118	949	950	951	952	953	954
1.0T	4'0" (4'0")	PRECAST	119	955	956	957	958	959	960
1.0U	4'0" (4'0")	PRECAST	120	961	962	963	964	965	966
1.0V	4'0" (4'0")	PRECAST	121	967	968	969	970	971	972
1.0W	4'0" (4'0")	PRECAST	122	973	974	975	976	977	978
1.0X	4'0" (4'0")	PRECAST	123	979	980	981	982	983	984
1.0Y	4'0" (4'0")	PRECAST	124	985	986	987	988	989	990
1.0Z	4'0" (4'0")	PRECAST	125	991	992	993	994	995	996

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

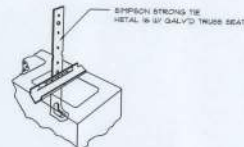
TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

NOTICE
 THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES AT THE TIME THEY WERE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES, RULES AND REGULATIONS, N.P.O. ENGINEER, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES AND ORDINANCES TO SEE THAT THE STRUCTURE IS BUILT IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES. CITY, COUNTY, STATE AND FEDERAL. IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/USE, PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.



SCALE: 1/4" = 1'-0"

NOTE:
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE.



SCALE: 1/2" = 1'-0"

GENERAL TRUSS NOTES:

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FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Sdbs (Hic Construction, Wood Trusses @ 24" O.C.
Walls: 8" CMU W/ (1) #5 VERTICAL @ 48" O.C. MAX
Floor: 4" Thk. Concrete Slab W/ Reinforced Concrete Joists
Foundation: Continuous monolithic footing or Stem Wall foundation system

ROOF DECKING

Material: 1/2" CDX Plywood @ 12"x18" O.S.B.
Sheet Size: 48"x96" Sheet Provided in Roof Framing
Fasteners: 10d Ring Shank Nails per schedule on sheet S.4

WIND WALLS

Material: 8" CMU W/ (1) #5 VERTICAL @ 48" O.C. MAX AND
BRACE EACH CORNER

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON HETEL 18 W TSS
Truss Anchors (FRAME): SIMPSON H2.5A (OR EQUIVALENT), W/ 6 - 10d NAILS

Post Column Base Connector: Simpson ABUMANDJ05 @ each column
Post Column to Beam Connector: Simpson FPC44 or 66 FPC44 or 66 @ each column

FOOTINGS AND FOUNDATIONS

Footings: House walls: 20" x 10" Cont. W/ (2) #5 Bars Cent. on slabs or (1) #5 Transverse @ 24" O.C.
Column Base: 12" x 12" x 18" Vertical Cont. @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE WITH EDITORIAL CORRECTIONS, SUPPLEMENTARY CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT THE OF PERMIT.

2. WIND LOAD CRITERIA: WIND CATEGORY: 1, EXPOSURE: "D"
BASED ON ANTIWIND SPEED: 135 MPH (100 MPH WIND VELOCITY - V₁₀₀) = 140 MPH
V₁₀₀ = 108 MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS: 40 PSF
RESIDENTIAL BALCONIES: 60 PSF

5. WIND UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR INSPECTION AND TREATMENT CONTRACT RETENTION, SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER-HEATER OR ELECTRIC PANEL. FBC 19A.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 19B.4.4

3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 19B.4.4

4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 3". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISHES THIN 3/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 19B.1.8

5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 19B.1.1

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES ABOVE OR FORMED. FBC 19B.1.2

7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 19B.1.3

8. MINIMUM 6 MIL VAPOR BARRIER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR BARRIER PLACEMENT, RETREATMENT IS REQUIRED. FBC 19B.1.4

9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 19B.1.5

10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 7'-0" OF THE STRUCTURE SIDEWALLS. FBC 19B.1.6

11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 19B.1.8

12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 19B.1.7

13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. FBC 19B.1.7

14. AFTER ALL WORK IS COMPLETE, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TIE TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 20B.1.3

15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 20B.1.4

FASTENING ANCHOR SCHEDULE

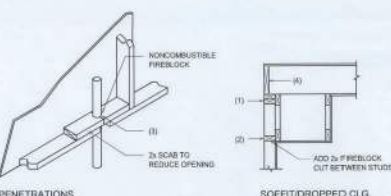
APPLICATION	MANUFACTURER/MODEL	CAP
TRUSS TO WALL:	"SIMPSON" HETEL 18 W TSS	14108
PORCH BEAM TO POST (4x4)	SIMPSON PC44BPC44	17008
PORCH BEAM TO POST (6x6)	SIMPSON PC66BPC66	17008
PORCH POST TO FND.: MISC. JOINTS	SIMPSON ABUM44 or ABU 66 SIMPSON ASM	22008 31582408

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.
NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNJOINED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON ASM FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MANHATTAN COUNTY REPORT #97-007-08, #98-1106-11, #99-0623-04
SBOCI NER-443, NER-393

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"SIMPSON" PRODUCT APPROVALS:
MANHATTAN COUNTY REPORT #97-007-08, #98-1106-11, #99-0623-04
SBOCI NER-443, NER-393



FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, GIVE CEILING, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND PREPLACES AT CEILING AND FLOOR LEVELS WITH "PIRO-PANEL" MULTIFLEX SEALANT.
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

BUILDING COMPONENTS & CLADDING LOADS	
MEAN BUILDING HEIGHT = 30'-0", EXPOSURE "B"	
ROOF ANGLE 1° TO 27°	
WIND SPEED	WIND PRESSURE
10	0.0 / -0.9
20	1.4 / -9.4
30	10.0 / -69.4
40	10.0 / -69.4
50	10.0 / -69.4
60	10.0 / -69.4
70	10.0 / -69.4
80	10.0 / -69.4
90	10.0 / -69.4
100	10.0 / -69.4
110	10.0 / -69.4
120	10.0 / -69.4
130	10.0 / -69.4
140	10.0 / -69.4
150	10.0 / -69.4
160	10.0 / -69.4
170	10.0 / -69.4
180	10.0 / -69.4
190	10.0 / -69.4
200	10.0 / -69.4
210	10.0 / -69.4
220	10.0 / -69.4
230	10.0 / -69.4
240	10.0 / -69.4
250	10.0 / -69.4
260	10.0 / -69.4
270	10.0 / -69.4
280	10.0 / -69.4
290	10.0 / -69.4
300	10.0 / -69.4

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS	
FOR BUILDING COMPONENTS & CLADDING	
BLDG. HEIGHT	EXPOSURE "B"
10	1.0
20	1.0
30	1.0
40	1.0
50	1.0
60	1.0
70	1.0
80	1.0
90	1.0
100	1.0
110	1.0
120	1.0
130	1.0
140	1.0
150	1.0
160	1.0
170	1.0
180	1.0
190	1.0
200	1.0
210	1.0
220	1.0
230	1.0
240	1.0
250	1.0
260	1.0
270	1.0
280	1.0
290	1.0
300	1.0

BUILDING COMPONENTS & CLADDING LOADS	
MEAN BUILDING HEIGHT = 30'-0", EXPOSURE "B"	
ROOF ANGLE 27° TO 45°	
WIND SPEED	WIND PRESSURE
10	0.0 / -0.9
20	1.4 / -9.4
30	10.0 / -69.4
40	10.0 / -69.4
50	10.0 / -69.4
60	10.0 / -69.4
70	10.0 / -69.4
80	10.0 / -69.4
90	10.0 / -69.4
100	10.0 / -69.4
110	10.0 / -69.4
120	10.0 / -69.4
130	10.0 / -69.4
140	10.0 / -69.4
150	10.0 / -69.4
160	10.0 / -69.4
170	10.0 / -69.4
180	10.0 / -69.4
190	10.0 / -69.4
200	10.0 / -69.4
210	10.0 / -69.4
220	10.0 / -69.4
230	10.0 / -69.4
240	10.0 / -69.4
250	10.0 / -69.4
260	10.0 / -69.4
270	10.0 / -69.4
280	10.0 / -69.4
290	10.0 / -69.4
300	10.0 / -69.4

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS	
FOR BUILDING COMPONENTS & CLADDING	
BLDG. HEIGHT	EXPOSURE "B"
10	1.0
20	1.0
30	1.0
40	1.0
50	1.0
60	1.0
70	1.0
80	1.0
90	1.0
100	1.0
110	1.0
120	1.0
130	1.0
140	1.0
150	1.0
160	1.0
170	1.0
180	1.0
190	1.0
200	1.0
210	1.0
220	1.0
230	1.0
240	1.0
250	1.0
260	1.0
270	1.0
280	1.0
290	1.0
300	1.0

General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 328, TYPE 1, OR ASTM D 486, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1975.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3482.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 1/4" INTO THE ROOF SHEATHING, WHERE THE SHEATHING IS LESS THAN 3/4" THICK. THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEEDS OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3181 OR SDC PA 107.95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 18 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH-WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 18 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL, OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:

1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 18" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1907.3.3.3.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1975.
 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1975.

NOTE !!!
ROOFINGS SHALL BE AS MANUFACTURED BY "TAKKO" ROOFING PRODUCTS OF THE FOLLOWING MODELS:

- GLASS-SEAL AR
- ELITE GLASS-SEAL AR
- HERITAGE 30 AR
- HERITAGE 40 AR
- HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3181 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAB 100, USING 4 NAIL/SHINGLE.

THE 1628 MODEL DESIGN FOR:
YASMANIS REYES

DIRECT ADDRESS: 107 N. HAWTHORNE UNIT 1-A, LAKE CITY, FLORIDA 33505



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JOB NUMBER
20250609

SHEET NUMBER
S.3
OF 4 SHEETS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

