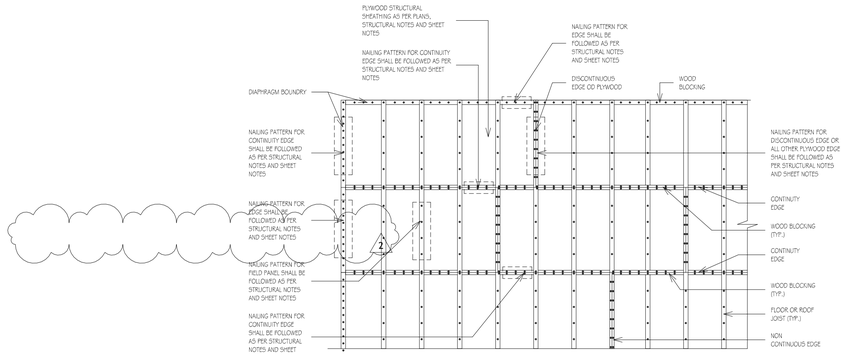


TYPICAL DETAIL FOR FLOOR AND ROOF DIAPRAGM - NAILING

Structural Key

- Bearing Wall
- Bearing Wall Above
- Span Symbol
- Floor Truss Span Symbol
- Beam/ Header
- Lintel
- GIRDER "TG-2" Truss Girder
- Transfer Connection to Main Transfer Girder
- Column Below to Foundation
- Column Above (point load)
- Increased Load above- 20lb dead load

General Notes:

1. BOTTOM OF EAVES/ SOFFITS AT HEEL OF TRUSS.
2. REFER TO WALL SECTION OF HEEL BEARING HEIGHT OF TRUSS.
3. FOR NEW ROOFS BELOW SEE THE FLOOR PLAN.
4. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE, AND APPLICABLE REFERENCE STANDARDS SUCH AS BUT NOT LIMITED TO ASCE 7-16 .
5. ALL VERTICAL ELEMENTS LOCATED ALONG ACCESSIBLE FLOOR AREAS AND SEPARATING SLABS PLACED AT DIFFERENT ELEVATIONS WHEN POSITIONED WITHIN 3'-6" FROM FINISHED FLOOR ELEVATION SHALL, IN ADDITION TO ALL OTHER APPLICABLE LOADS BE DESIGNED AS A GUARDRAIL (FOLLOWING GUIDELINES OF THE FLORIDA BUILDING CODE): THIS INCLUDES WINDOWS, LOUVERS, CURTAIN WALLS, STOREFRONTS, ETC.

STRUCTURAL DESIGN HAS BEEN DESIGNED FOR THE FOLLOWING TOLERANCES:

SECOND FLOOR:
LIVE LOAD: L/640
DEAD LOAD: L/240
TOTAL LOAD: L/360

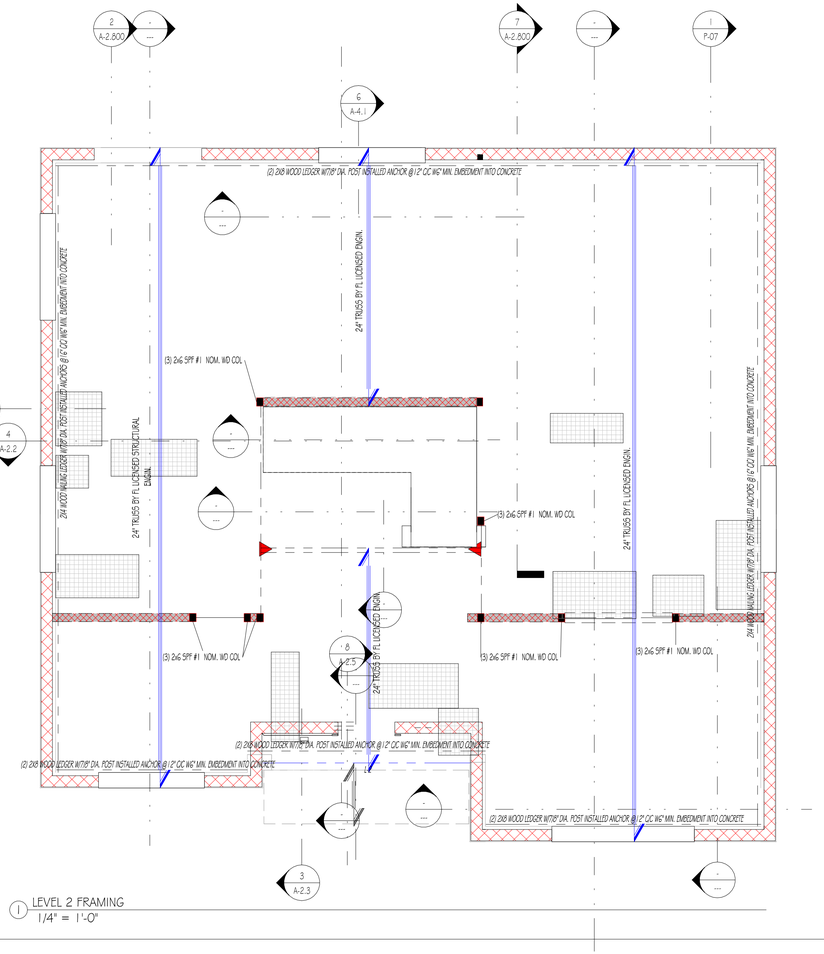
SECOND FLOOR LOADS:
LIVE LOAD: 30 PSF (BEDROOMS)
DEAD LOAD:
23 PSF (WOOD FLOORS)
28 PSF (TILE FLOORS)
ADDITIONAL LOADS:
KITCHEN: DEAD - 20 PSF (COUNTER TOPS)

ATTIC FLOOR:
LIVE LOAD: L/480
DEAD LOAD: L/240
TOTAL LOAD: L/360

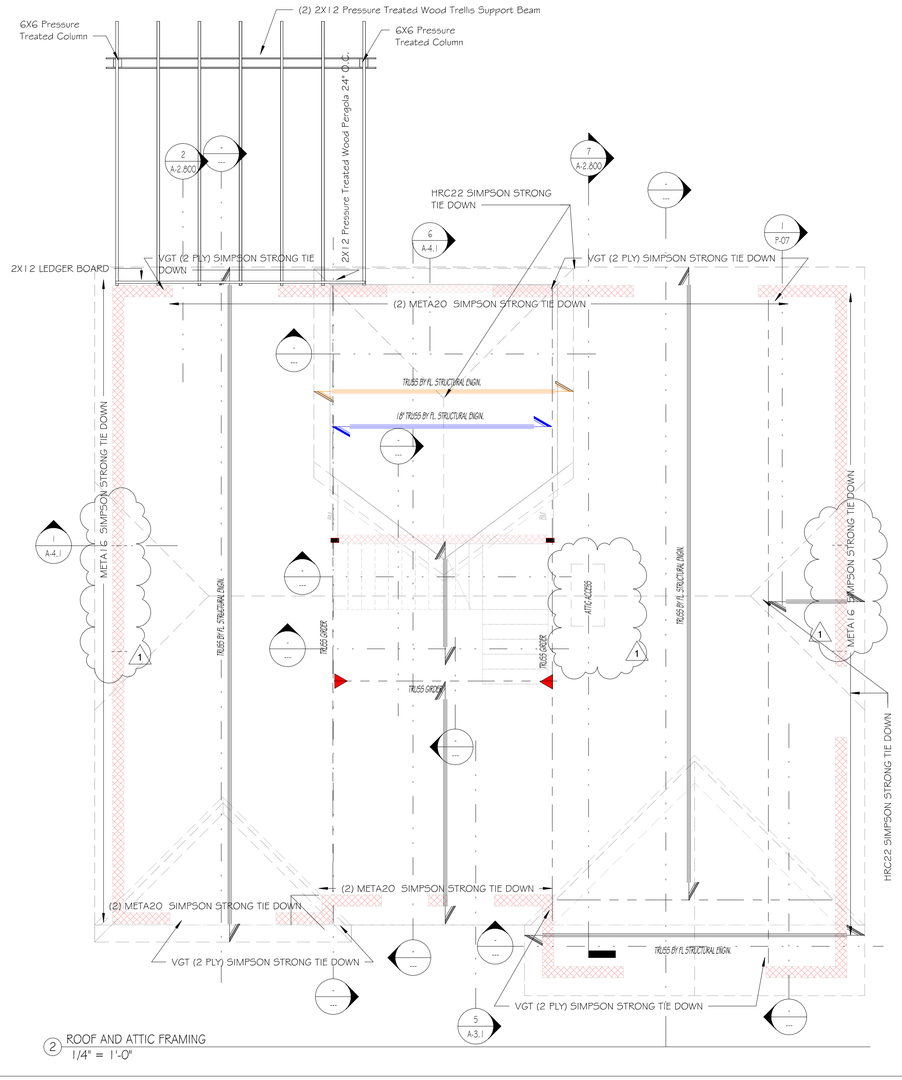
ATTIC FLOOR LOADS:
LIVE LOAD: 40 PSF (BEDROOMS)
DEAD LOAD:
23 PSF (WOOD FLOORS)
28 PSF (TILE FLOORS)
ADDITIONAL LOADS:
COUNTER TOPS: DEAD - 20 PSF

ROOF:
LIVE LOAD: 20 PSF
DEAD LOAD: 25 PSF
DEAD LOAD (AVAILABLE TO RESIST UPLIFT) 5 PSF

WIND:
- ASCE 7-16
- ENCLOSED BUILDING
- DIRECTIONALITY FACTOR Kd=0.85
- OKEECHOBEE COUNTY: RISK CATEGORY II
- ULTIMATE DESIGN WIND SPEED Vult= 145 MPH (3-SECOND GUST)
- NOMINAL DESIGN WIND SPEED Vasd= 112 MPH (3-SECOND GUST)
- EXPOSURE D



1 LEVEL 2 FRAMING
1/4" = 1'-0"



2 ROOF AND ATTIC FRAMING
1/4" = 1'-0"

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STRUCTURAL CONSULTANT:

MEP CONSULTANT:

CIVIL CONSULTANT:

DESIGNER CONSULTANT:

REVISIONS:

DESCRIPTION	DATE	NO.
Revision	2/27/24	1
Revision 2	4/11/24	2

CLIENT:

PROJECT NAME / LOCATION:

DRAWING TITLE:

LEVEL 2 & ATTIC FRAMING

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA · SHIMON GREENEBAUM · AR102415 · REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 4/11/24
PROJECT NO: NJ079

DRAWING NO:
A-2.6
10 OF

BARCODE

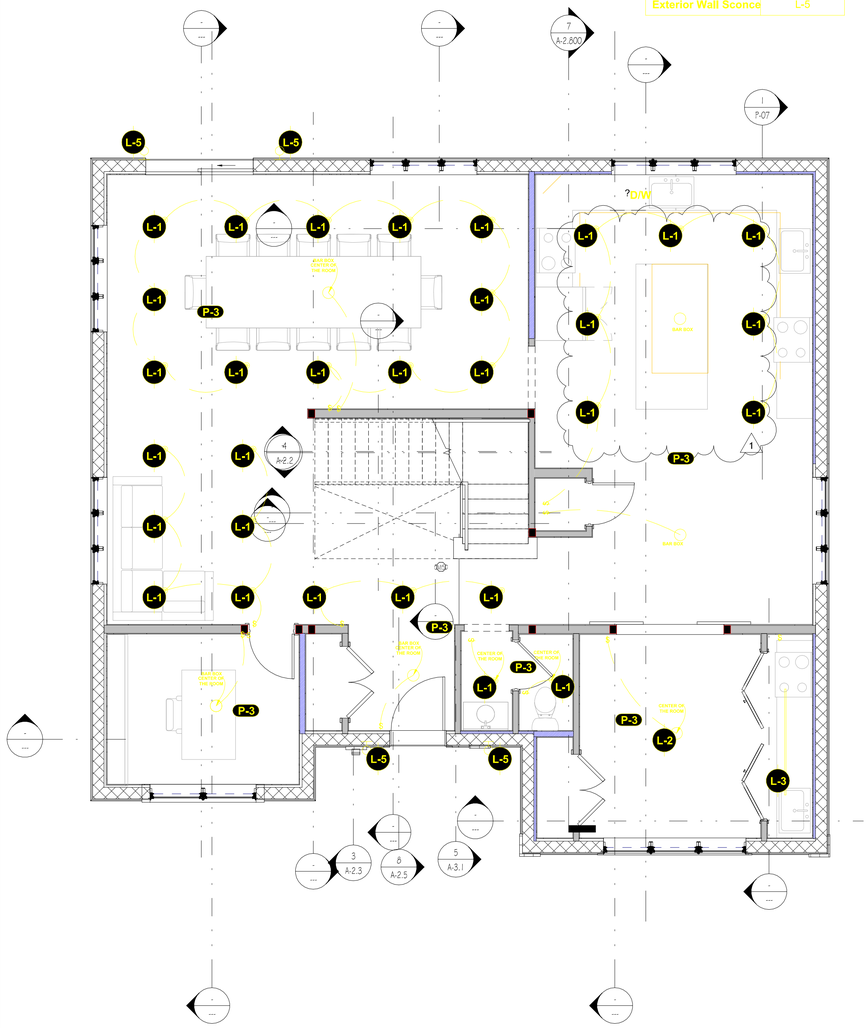
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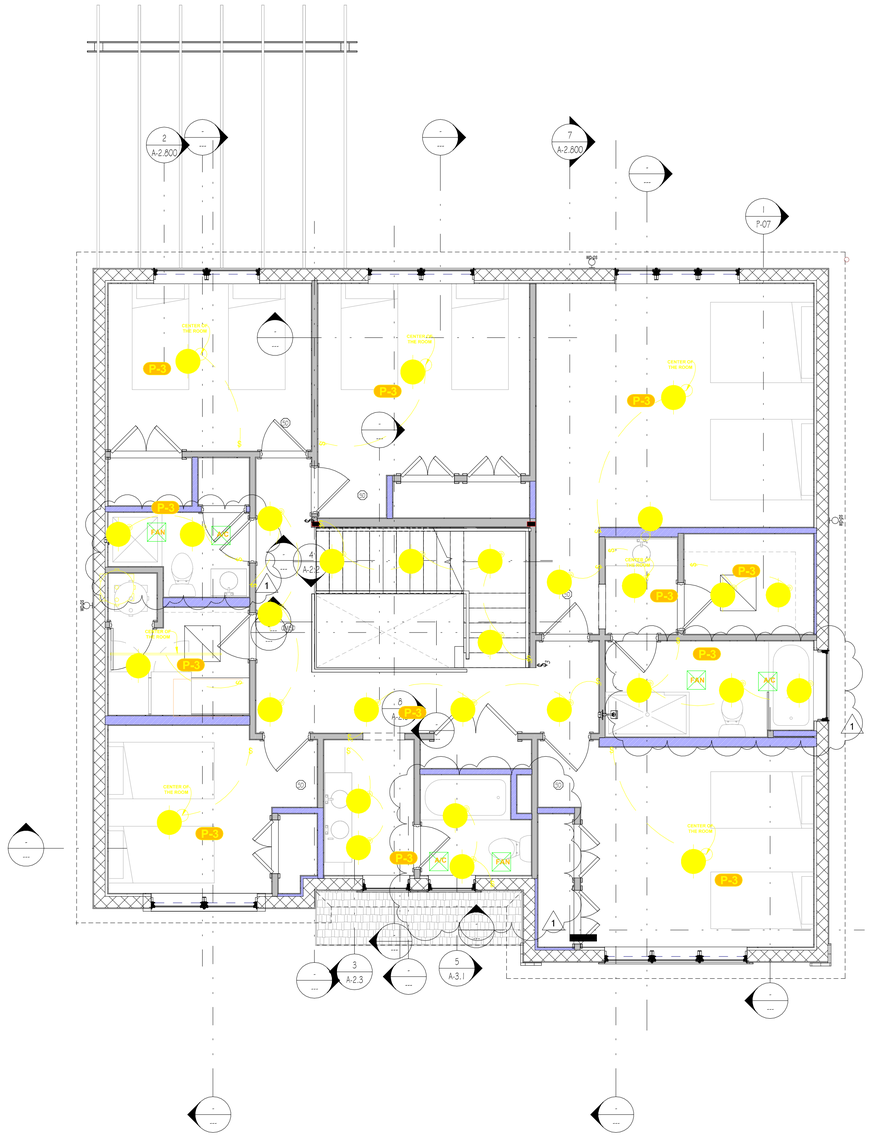
ELECTRICAL NOTES:

1- REF. MEP PLANS FOR LIFE SAFETY FIXTURES
2-REF. ID SET FOR CEILING TYPE, LIGHTING TYPE AND LOCATION

LIGHTING LEGEND	
TYPE	TAG
4" Spot Light	L-1
Flushmount fixture	L-2
LED Light	L-3
Vanity Light	L-4
Exterior Wall Sconce	L-5



1 LEVEL 1 ELECTRICAL
1/4" = 1'-0"



2 LEVEL 2 ELECTRICAL
1/4" = 1'-0"

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DESIGNER CONSULTANT:

REVISIONS:

DESCRIPTION	DATE	NO.
Revision	2/27/24	1

CLIENT:

PROJECT NAME / LOCATION:

DRAWING TITLE:
RCP FIRST & SECOND FLOOR

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: 1/4" = 1'-0"
DATE: 2/27/24
PROJECT NO: NJ079

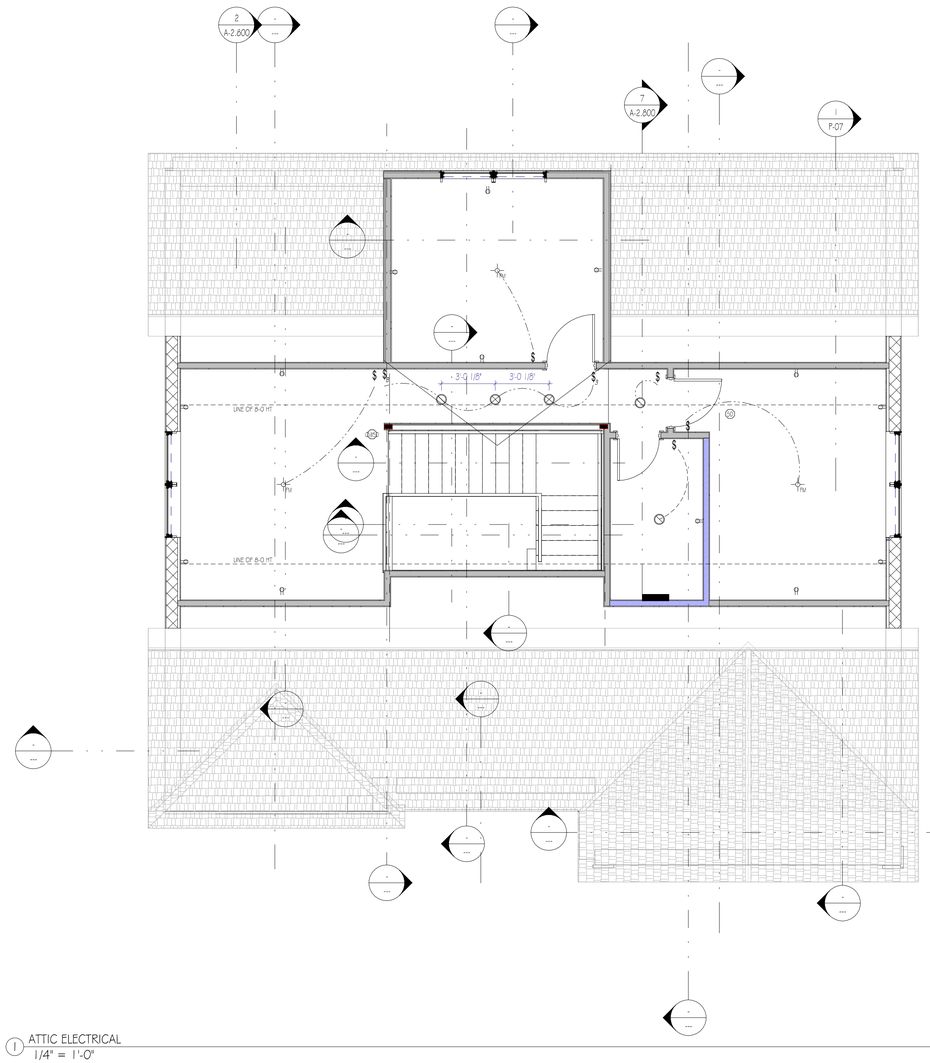
A-2.7

DRAWING NO:
11 OF

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

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1 ATTIC ELECTRICAL
1/4" = 1'-0"

FIRE ALARM NOTES:
As per Section 314.6 of the FL edition of the IRC, Smoke alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.
As per Section 314.7 Fire alarm systems shall be permitted to be used in lieu of smoke alarms and shall comply with Sections R314.7.1 through R314.7.4. Combination smoke and carbon monoxide detectors shall be permitted to be installed in fire alarm systems in lieu of smoke detectors, provided that they are listed in accordance with UL 268 and UL 2075.
As per NFPA standard 72 29.11.2, hard-wired interconnected smoke alarms are limited to a maximum of 18 units of which ony 12 smoke detectors are allowed.

In the event a dwelling requires more that 12 detection devices, the smoke alarm devices shall be of the type that connect to the AC power source, but are not interconnected through hardwiring, rather through wireless transmitters in each detector. These devices are designed to be compliant with section 314.6 of the FL edition of the 2018 IRC, without the need for a variation request.
Said smoke detectors/ alarms shall:

- be connected to the building's permamanent wiring as its primary power supply, without a disconnect other than required overcurrent protetcion.
- Power source must be from the building's AC power supply, Completely wireless battery systems do not meet Code requirements and are not an approved type of smoke alarm system.

Electrical Component Legend

SD	Hard Wired Smoke Detector
HD	Hard Wired Heat Detector
SCOD	Hard Wired Carbon Monoxide/ Smoke Detector
T	Thermostat
$	Wall Switch (T indicates connection to Timer)
$FL	Dual Switch for Fan and Light
$3	3 Way Light Switch
$PC	Photo Cell Controlled Light Switch (T indicates Timer)
	Duplex Receptacle
	Quad Receptacle
GFCI	GFCI Protected Duplex Receptacle
GFCI	GFCI Protected Quad Receptacle
	Floor Mounted GFCI Duplex Receptacle (brass cover with lift lids)
	Floor Mounted GFCI Quad Receptacle (brass cover with lift lids)
Ex F/L	Ducted Exhaust Ventilation Fan and Light Combo (When HEAT is indicated HEAT lamp shall be provided)
FM	Flush Mounted Ceiling Light Fixture
CF	Ceiling Fan/ Light Package
CC	Chandelier - Heavy Duty Rated Box to be provided
WS	Wall Sconce
WL	Wall Mounted Fixture
WSL	Wall Mounted Otdr Security Light - Photo Cell / Sec. Circuit
WFDL	Wall Mounted Otdr Flood Light - Photo Cell / Switched
	LED Rope Light in Recessed Channel
	LED Rope Light (hidden)
	1"X 24" Surface Mount LED Closet Light
	12"x48" LED Flat Panel (R indicates Recessed fixture)
	18"x48" LED Flat Panel (R indicates Recessed fixture)
	24"x24" LED Flat Panel (R indicates Recessed fixture)
	Square LED Recessed Fixture
	4" Wafer Light
	4" LED Recessed Fixture - Weather Rated
	6" LED Recessed Fixture
	Electrical Wiring

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STRUCTURAL CONSULTANT:

MEP CONSULTANT:

CIVIL CONSULTANT:

DESIGNER CONSULTANT:

REVISIONS:

DESCRIPTION	DATE	NO.
Revision	2/27/24	1

CLIENT:

PROJECT NAME / LOCATION:

DRAWING TITLE:
RCP ATTIC FLOOR

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

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FL LIC. NO.
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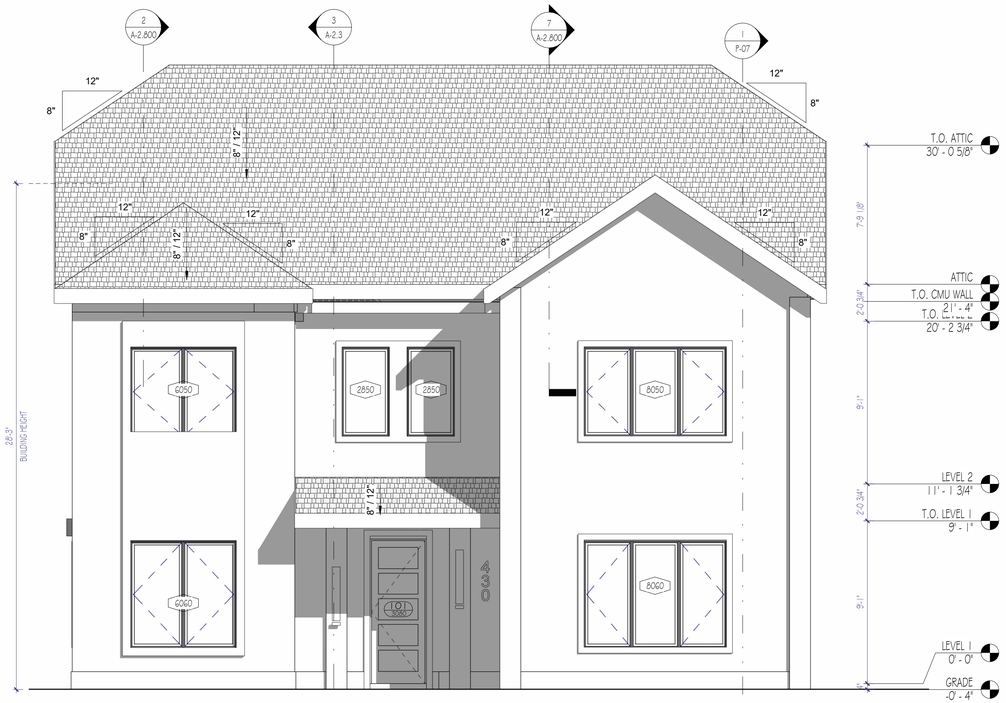
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DATE: 2/27/24
PROJECT NO: NJ079

DRAWING NO: A-2.8
12 OF

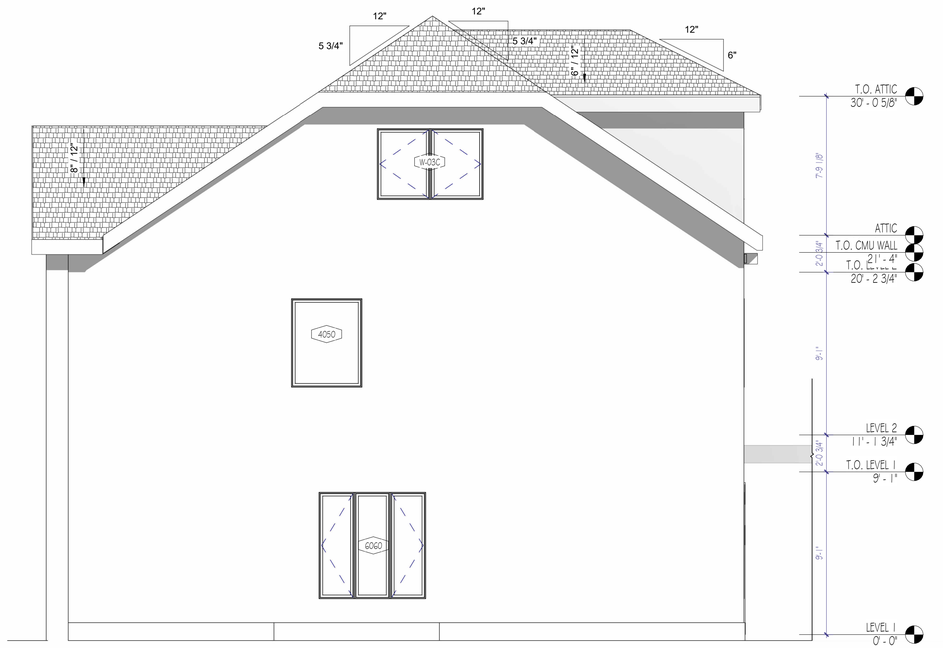
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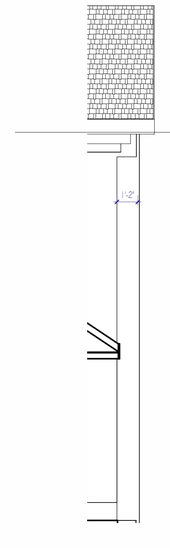
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1 SOUTH (FRONT)
1/4" = 1'-0"



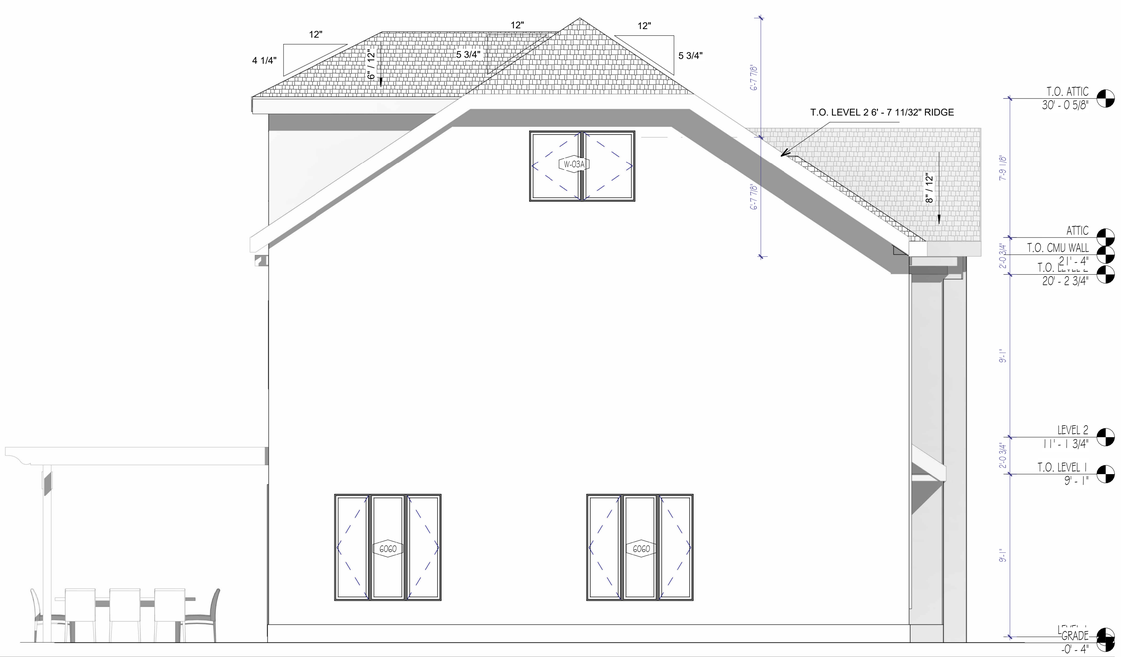
2 EAST (RIGHT)
1/4" = 1'-0"



5 SECTION TRIM DETAIL
1/4" = 1'-0"



3 NORTH (REAR)
1/4" = 1'-0"



MATERIAL KEY

STUCCO

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DESIGNER CONSULTANT:

REVISIONS:

DESCRIPTION	DATE	NO.
Revision	2/27/24	1

CLIENT:
LAKEFRONT ESTATES

PROJECT NAME / LOCATION:
EMERALD- OKEECHOBEE, FL

DRAWING TITLE:
ELEVATIONS

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA · SHIMON GREENEBAUM · AR102415 · REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: 1/4" = 1'-0"
DATE: 2/27/24
PROJECT NO: NJ079

A-3.1

DRAWING NO:
13 OF

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11/18/2024 12:50 PM

(1) WALL TYPE - VIEW GUIDE
1 1/2" = 1'-0"

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

FIRST FLOOR DETAIL WOOD TO CONCRETE SLAB

WALL TYPE 1A
SCALE: 1 1/2" = 1'-0"

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

1 HR. RATED ASSEMBLY - UL NO. U314

WALL TYPE 2A
SCALE: 1 1/2" = 1'-0"

WALL TYPE 3
SCALE: 1 1/2" = 1'-0"

(7) WALL TYPE 3A
1 1/2" = 1'-0"

FOR SHEARWALL CONSTRUCTION STRAPPING, BRACING AND SHEATHING SEE A4.1 AND A4.2
FOR WATERPROOFING DETAILS SEE A3.5

STANDARD EXTERIOR WALL ASSEMBLY WOOD

WALL TYPE 4
SCALE: 1 1/2" = 1'-0"

STANDARD EXTERIOR WALL ASSEMBLY CMU

WALL TYPE A
SCALE: 1 1/2" = 1'-0"

NOTE:
IN BASEMENT AND BATHROOMS ALL GYP BD. SHALL BE MOLD AND MILDEW RESISTANT VARIETIES OF NECESSARY WALL BOARD.

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DESCRIPTION	DATE	NO.
Revision	2/27/24	1

CLIENT:

PROJECT NAME / LOCATION:

DRAWING TITLE:

WALL TYPES

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
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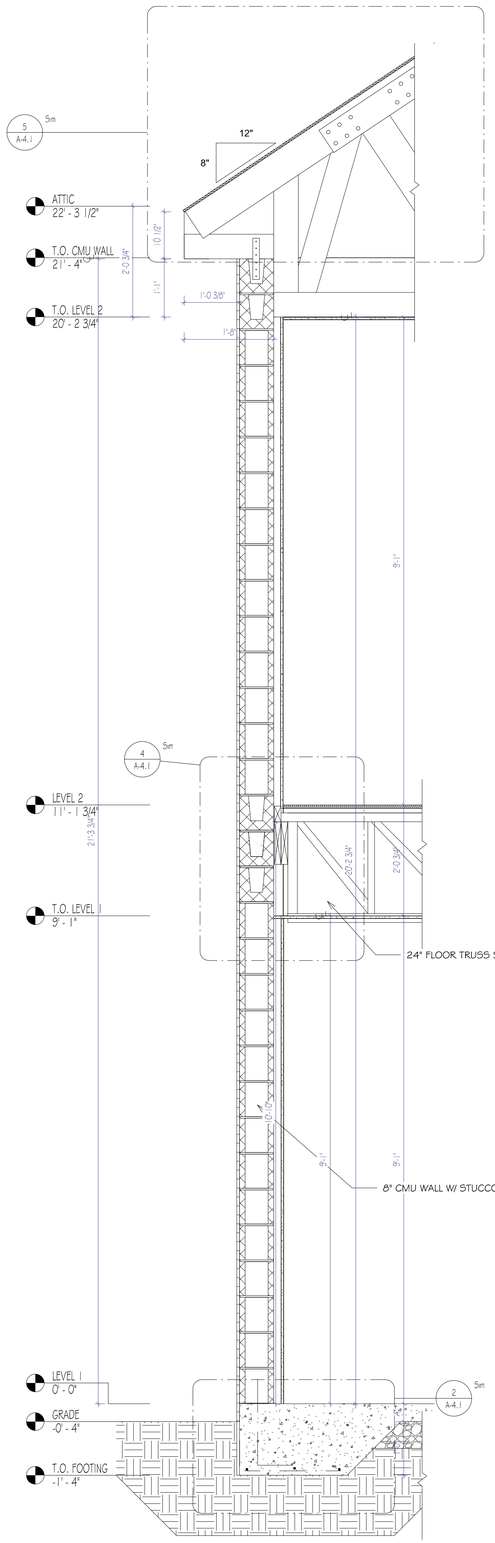
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DATE: 2/27/24
PROJECT NO: NJ079

DRAWING NO: A-3.3
14 OF

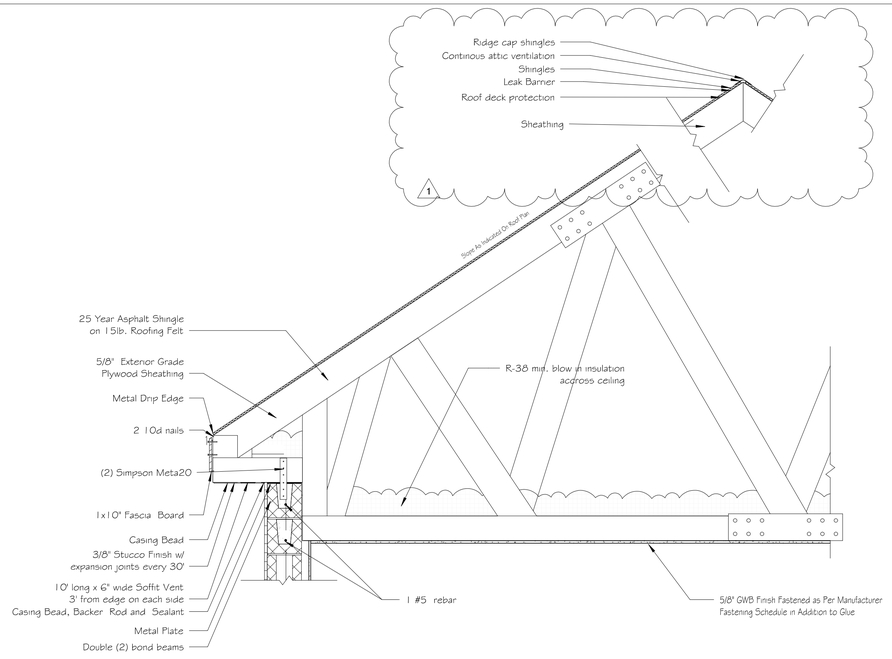
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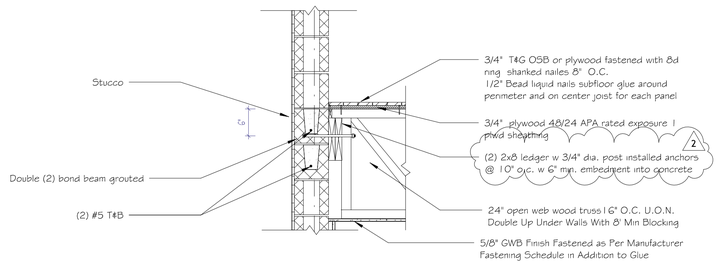
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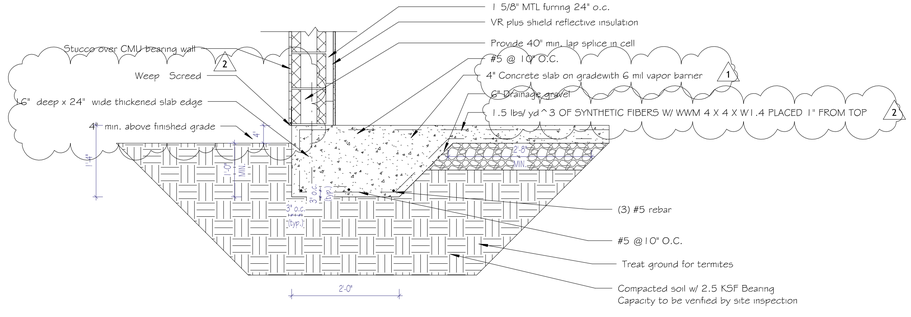
1 TYP WALL SECTION KEY
3/4" = 1'-0"



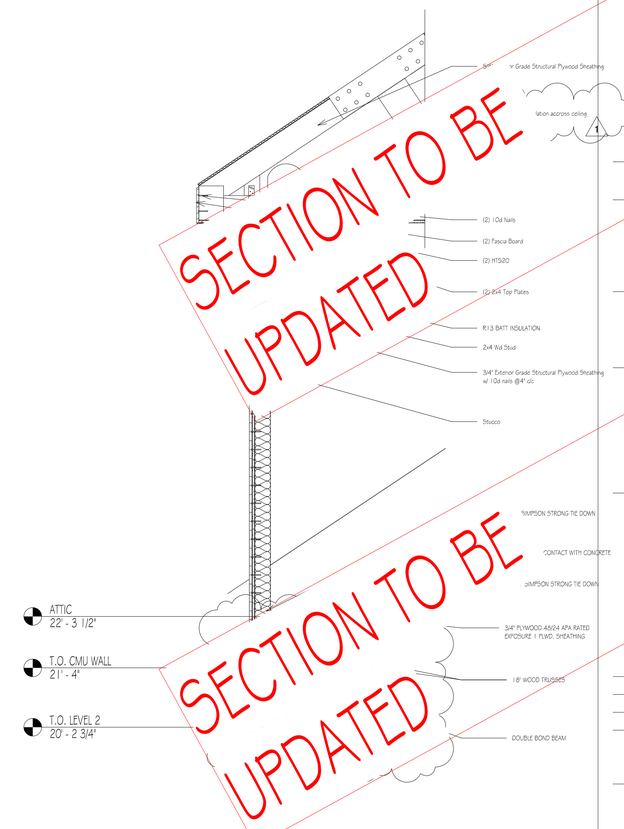
5 FL TYPICAL WALL SECTION - ROOF (CANTILEVER)
3/4" = 1'-0"



4 FL TYPICAL WALL SECTION - FLOOR
3/4" = 1'-0"



2 FL TYPICAL WALL SECTION - HAUNCHED FOOTING DETIAL
3/4" = 1'-0"



6 Attic Dormer Section
3/4" = 1'-0"

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MEP CONSULTANT:

CIVIL CONSULTANT:

DESIGNER CONSULTANT:

REVISIONS:

DESCRIPTION	DATE	NO.
Revision	2/27/24	1
Revision 2	4/11/24	2
Revision 3	Date 3	3

CLIENT:

PROJECT NAME / LOCATION:

DRAWING TITLE:
WALL SECTION AND DETAILS

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: 3/4" = 1'-0"
DATE: Date 3
PROJECT NO: NJ079

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A-4.1
15 OF

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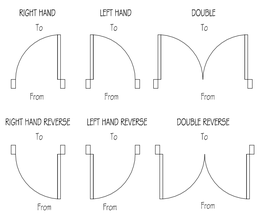
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Door Schedule

Level	Mark	Name	Door Size		Door Swing	Hardware	Comments	Wind Zone	Tributary Wind Area (In PSF)
			Width	Height					
LEVEL 1									
LEVEL 1	101	FOYER	3' - 0"	8' - 0"	RHR	2	EXTERIOR DOOR	4	+31.86 -34.92
LEVEL 1	102	CLOSET	4' - 0"	8' - 0"	DBLR	3.4			
LEVEL 1	103	LIVING / DINING ROOM	2' - 6"	8' - 0"	LH	2			
LEVEL 1	104	LIVING / DINING ROOM	6' - 0"	8' - 0"	SLIDING		EXTERIOR DOOR HURRICANE IMPACT	5	+31.86 -40.26
LEVEL 1	105	A/H	2' - 4"	8' - 0"	RHR		LOUVERED		
LEVEL 1	106	DEN	6' - 0"	8' - 0"	BARN DR		SPEC BY OTHERS		
LEVEL 1	107	DEN	9' - 4"	8' - 0"	BIFOLD	3.4	JOHNSON 1601HD TRACK		
LEVEL 1	108	PANTRY	4' - 0"	8' - 0"	DBLR	3.4			
LEVEL 1	109	BATH	2' - 8"	8' - 0"	LH	2			
LEVEL 2									
LEVEL 2	201	CLOSET	4' - 8"	8' - 0"	DBLR	3.4			
LEVEL 2	202	SINK	2' - 4"	8' - 0"	RH	2			
LEVEL 2	203	BEDROOM 4	3' - 0"	8' - 0"	DBLR	3.4			
LEVEL 2	204	BEDROOM 4	2' - 6"	8' - 0"	LH	2			
LEVEL 2	205	LAUNDRY	2' - 6"	8' - 0"	RH	2			
LEVEL 2	206	LAUNDRY	2' - 4"	8' - 0"	RHR	2	LOUVERED		
LEVEL 2	207	BATHROOM 1	2' - 4"	8' - 0"	RH	2			
LEVEL 2	208	A/H	2' - 4"	8' - 0"	RHR	2			
LEVEL 2	209	BEDROOM 2	2' - 6"	8' - 0"	RH	2			
LEVEL 2	210	BEDROOM 1	2' - 6"	8' - 0"	RH	2			
LEVEL 2	211	BEDROOM 1	4' - 0"	8' - 0"	DBLR	3.4			
LEVEL 2	212	BEDROOM 2	3' - 0"	8' - 0"	DBLR	3.4			
LEVEL 2	213	BEDROOM 2	3' - 0"	8' - 0"	DBLR	3.4			
LEVEL 2	214	MASTER SINK	2' - 6"	8' - 0"	RH	2			
LEVEL 2	215	MASTER SINK	2' - 6"	8' - 0"	RH	2			
LEVEL 2	216	MASTER ROOM	2' - 6"	8' - 0"	LH	2			
LEVEL 2	217	BEDROOM 3	2' - 6"	8' - 0"	RH	2			
LEVEL 2	218	BEDROOM 3	3' - 0"	8' - 0"	DBLR	3.4			
LEVEL 2	219	BEDROOM 3	3' - 0"	8' - 0"	DBLR	3.4			
ATTIC									
ATTIC	301	LIBRARY	2' - 8"	6' - 8"					
ATTIC	302	STUDY	2' - 8"	6' - 8"	LH	2			
ATTIC	303	OPT. BATHROOM	2' - 4"	6' - 8"	RH	2			

NOTE:
ALL DOORS SHOULD BE 8'-0" HEIGHT & HOLLOW CORE

DOOR KEY



HARDWARE KEY

1- Brass Lever Style Passage Knob
2- Brass Lever Handle Privacy Knob
3- Brass Lever Style Dummy Closet Pulls
4- Ball Catches
5- Self Closing Hinges
6- Dead Bolt Single Keyed Lock
7- Simplex Brass Combination Lock
8- Bi-fold Door Track and Hardware
9- Front Entry Keyed Handle

GENERAL NOTES:

All doors are to be 6" (4" min) form door hinge to adjacent wall unless otherwise noted.

LINTEL SCHEDULE		
Mark	Type	Description
L-1	8"24-OB/IT	First Floor Window Lintel See Detail 3
L-2	8"8-OB/IT	First Floor Front DR Lintel See Detail 4
L-3	8"20-OB/IT	Second Floor Window Lintel See Detail 5

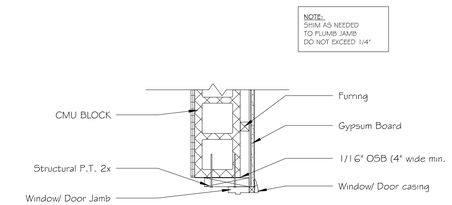
Window Schedule

Type Mark	Level	Room Location	Window Size		Window Height Location		Comments	Wind Zone	Tributary Wind Area (In PSF)
			Rough Height	Rough Width	Sill Height	Rough Opening Head Height			
6041	LEVEL 1	KITCHEN	4' - 0 1/2"	7' - 0"	4' - 0"	8' - 0 1/2"		4	+31.86 -34.92
6060	LEVEL 1	KITCHEN	6' - 0 1/2"	6' - 0"	2' - 0"	8' - 0 1/2"		4	+31.86 -34.92
6060	LEVEL 1	LIVING / DINING ROOM	6' - 0 1/2"	6' - 0"	2' - 0"	8' - 0 1/2"		4	+31.86 -34.92
6060	LEVEL 1	LIVING / DINING ROOM	6' - 0 1/2"	6' - 0"	2' - 0"	8' - 0 1/2"		4	+31.86 -34.92
6060	LEVEL 1	LIVING / DINING ROOM	6' - 0 1/2"	6' - 0"	2' - 0"	8' - 0 1/2"		5	+31.86 -40.26
6060	LEVEL 1	STUDY	6' - 0 1/2"	5' - 11 1/2"	2' - 0"	8' - 0 1/2"		5	+31.86 -40.26
8060	LEVEL 1	DEN	6' - 0 1/2"	8' - 0"	2' - 0"	8' - 0 1/2"		4	+31.86 -34.92
2850	LEVEL 2	SINK	5' - 0 1/2"	2' - 8"	2' - 8"	7' - 8 1/2"		4	+34.02 -37.02
2850	LEVEL 2	BATHROOM 2	5' - 0 1/2"	2' - 8"	2' - 8"	7' - 8 1/2"	TEMPERED	4	+34.02 -37.02
4050	LEVEL 2	MASTER BATHROOM	5' - 0"	4' - 0"	2' - 8"	7' - 8"	TEMPERED	4	+34.02 -37.02
6050	LEVEL 2	BEDROOM 1	5' - 0 1/2"	5' - 11 1/2"	2' - 8"	7' - 8 1/2"	EGRESS	5	+31.86 -40.26
6050	LEVEL 2	BEDROOM 2	5' - 0 1/2"	5' - 11 1/2"	2' - 8"	7' - 8 1/2"	EGRESS	4	+31.86 -34.92
6050	LEVEL 2	BEDROOM 4	5' - 0 1/2"	5' - 11 1/2"	2' - 8"	7' - 8 1/2"	EGRESS	5	+31.86 -40.26
7050	LEVEL 2	MASTER ROOM	5' - 0 1/2"	7' - 0"	2' - 8"	7' - 8 1/2"	EGRESS	4	+31.86 -34.92
8050	LEVEL 2	BEDROOM 3	5' - 0 1/2"	8' - 0"	2' - 8"	7' - 8 1/2"	EGRESS	4	+31.86 -34.92
6040	ATTIC		4' - 0 1/2"	5' - 11 1/2"	2' - 0"	6' - 0 1/2"	EGRESS	4	+31.86 -34.92
6040	ATTIC		4' - 0 1/2"	5' - 11 1/2"	2' - 0"	6' - 0 1/2"	EGRESS	4	+31.86 -34.92
6040	ATTIC		4' - 0 1/2"	5' - 11 1/2"	2' - 0"	6' - 0 1/2"	EGRESS	4	+31.86 -34.92

Grand total: 18

NOTE:
-WINDOWS TO BE IN COMPLIANCE WITH ASTM MISSILE TEST E1996 AND E1886 AS MODIFIED IN IRC 2020 302.1.2
WINDOWS REQUIRE A U VALUE OF .40 AND SHGC OF .25

-SILLS LOCATED LESS THAN 24" ABOVE THE FINISHED FLOOR AND GREATER THAN 72" ABOVE THE FINISHED GRADE SHOULD BE PROVIDED WITH WINDOW FALL PREVENTION DEVISES COMPLYING WITH ASTM F2090. THE WINDOW OPENING CONTROL DEVICE, AFTER OPERATION TO RELEASE THE CONTROL DEVICE ALLOWING THE WINDOW TO FULLY OPEN, SHALL NOT REDUCE THE NET CLEAR OPENING AREA OF THE WINDOW UNIT TO LESS THAN THE AREA REQUIRED BY SECTION R310.2.1.



1 WINDOW TO BLOCK DETAIL
1" = 1'-0"

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DESIGNER CONSULTANT:

REVISIONS:

DESCRIPTION	DATE	NO.
Revision	2/27/24	1
Revision 2	4/11/24	2

CLIENT:

PROJECT NAME / LOCATION:

DRAWING TITLE:
SCHEDULES

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

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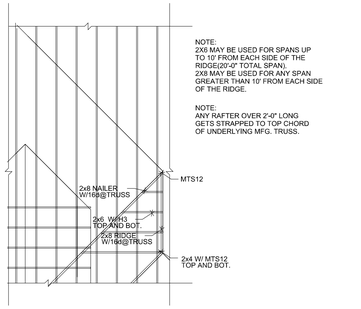
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A-4.2
16 OF

BARCODE

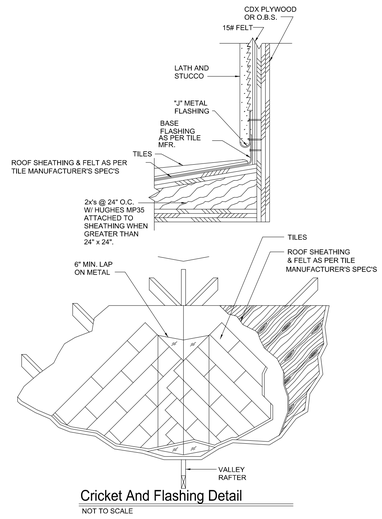
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Valley Framing Detail

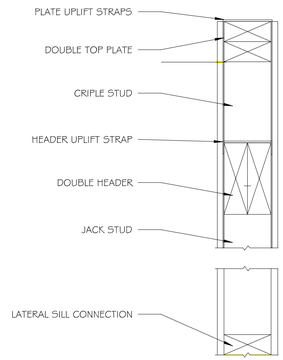
NOT TO SCALE



Cricket And Flashing Detail

NOT TO SCALE

7 VALLEY FLASHING DETAIL I
3/8" = 1'-0"



HEADERS IN LOAD BEARING WALL

HEADER SPAN (ft.)	MIN. HEADER SIZE	REQUIREMENT AT EACH END OF HEADER				
		NUMBER OF FULL-HEIGHT STUDS			UPLIFT (lb.)	LATERAL (lb.)
		12" O.C.	16" O.C.	24" O.C.		
2	2 - 2x4, 1 - 2x6	1	1	1	529	205
3	2 - 2x4, 1 - 2x6	2	2	1	794	307
4	2 - 2x6, 1 - 2x10	2	2	1	1057	410
5	2 - 2x8	3	3	2	1323	512
6	3 - 2x8, 3 - 2x12	3	3	2	1586	615
7	4 - 2x10, 3 - 2x12	4	3	2	1852	717
8	3.125x8.25²	4	3	2	2114	820
9	3.125x9.625²	5	3	3	2381	922
10	3.125x11²	5	4	3	2643	1025
11	3.125x12.375²	6	4	3	2909	1128

1. HEADER SIZED TO RESIST A 20 PSF LIVE LOAD AND A 20 PSF DEAD LOAD FOR A 40 SF/LF TRIBUTARY AREA. UPLIFT AND LATERAL LOADS OF FROM WIND PRESSURE
2. TABULATED SPANS ASSUME 20 F COMBINATION GLULAM WITH A MIN. F_{bx} =2,000 PSI, F_{vx} =210 PSI AND E=1,500,000 PSI

Reference table 11 from the WFCM 150 MPH Exposure C

3 HEADER FRAMING DETAIL I
3/8" = 1'-0"

CMU WALL SCHEDULE	
MARK	DESCRIPTION
A	8" LOAD BEARING MASONRY WALL W#5@40" O.C. VERTICAL REINFORCING BARS IN GROUT FILLED CELLS

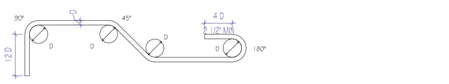
CMU WALL, PILASTER AND CMU COLUMN VERTICAL REINFORCEMENT DEVELOPMENT AND LAP SPLICE LENGTHS

BAR SIZE	8" CMU (1) BAR / CELL
# 3	16
# 4	21
# 5	27
# 6	41
# 7	56
# 8	72
# 9	NP

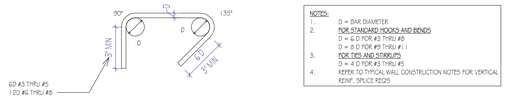
NOTES:
1. ALL DEVELOPMENT AND LAP SPLICE LENGTH ARE IN INCHES
2. THE LAP SPLICE LENGTH TABLE SHALL BE USED FOR ALL REINFORCED CMU WALLS, PILASTERS AND COLUMNS UNLESS NOTED OTHERWISE IN DETAILS
3. INCREASE TABULATED VALUES 50 % FOR EPOXY COATED REINFORCEMENT
4. THE TABLE IS DEVELOPED BASED ON f'_m= 1500 PSI, REFER TO GENERAL NOTES AND SPECIFICATIONS FOR CMU f'_M
5. WITH THE APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD, MECHANICAL SPLICES DEVELOPING AT LEATS 125% OF THW YIELD STRENGTH, F_Y, OF THE BAR MAY BE SUBSTITUTED IN SOME LOCATIONS
6. WHEN THE LAP SPLICING BARS OF DIFFERENT SIZES, THE LAP LENGTH IS DETERMINED BY THE SMALLER BAR.

Simpson Strong-Tie
LUS28-2
(INSTALL PER MAN. SPECS.)

1 BEAM TO BEAM CONNECTION I
3/8" = 1'-0"

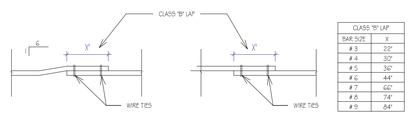


STANDARD HOOKS AND BENDS



NOTES:
1. D = BAR DIAMETER
2. FOR STANDARD HOOKS AND BENDS
D = 6 D FOR #3 THRU #8
D = 8 D FOR #9 THRU #11
3. FOR TIES AND STIRRUPS
D = 4 D FOR #3 THRU #5
4. REFER TO TYPICAL WALL CONSTRUCTION NOTES FOR VERTICAL REINF. SPLICE REQS

TIES AND STIRRUPS

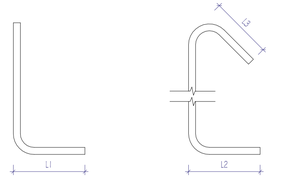


CLASS "B" LAP	
BAR SIZE	X
# 3	22"
# 4	30"
# 5	36"
# 6	44"
# 7	66"
# 8	74"
# 9	84"

OFFSET SPLICE LAP SPLICE

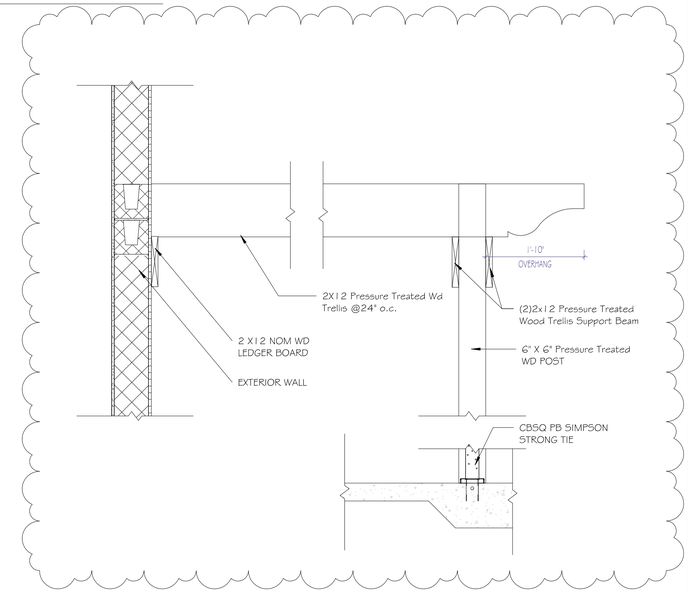
11 TYP. REINFORCING DETAILING DETAIL
1/8" = 1'-0"

STANDARD HOOK LENGTHS			
BAR SIZE	REINF HOOK	STIRRUP + TIE HOOKS	
	L1	L2	L3
# 3	6"	4"	2 1/2"
# 4	8"	4 1/2"	3"
# 5	10"	-	-
# 6	1'-0"	-	-
# 7	1'-2"	-	-
# 8	1'-4"	-	-
# 9	1'-7"	-	-
# 10	1'-10"	-	-
# 11	2'-0"	-	-



REINF HOOKS STIRRUP & TIE HOOKS

12 TYP. REINFORCING HOOK DETAILS
1/8" = 1'-0"



4 PERGOLA
3/4" = 1'-0"

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PROFESSIONAL SEAL:

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SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

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SCALE: As indicated
DATE: 2/27/24
PROJECT NO: NJ079

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