

**REBAR**

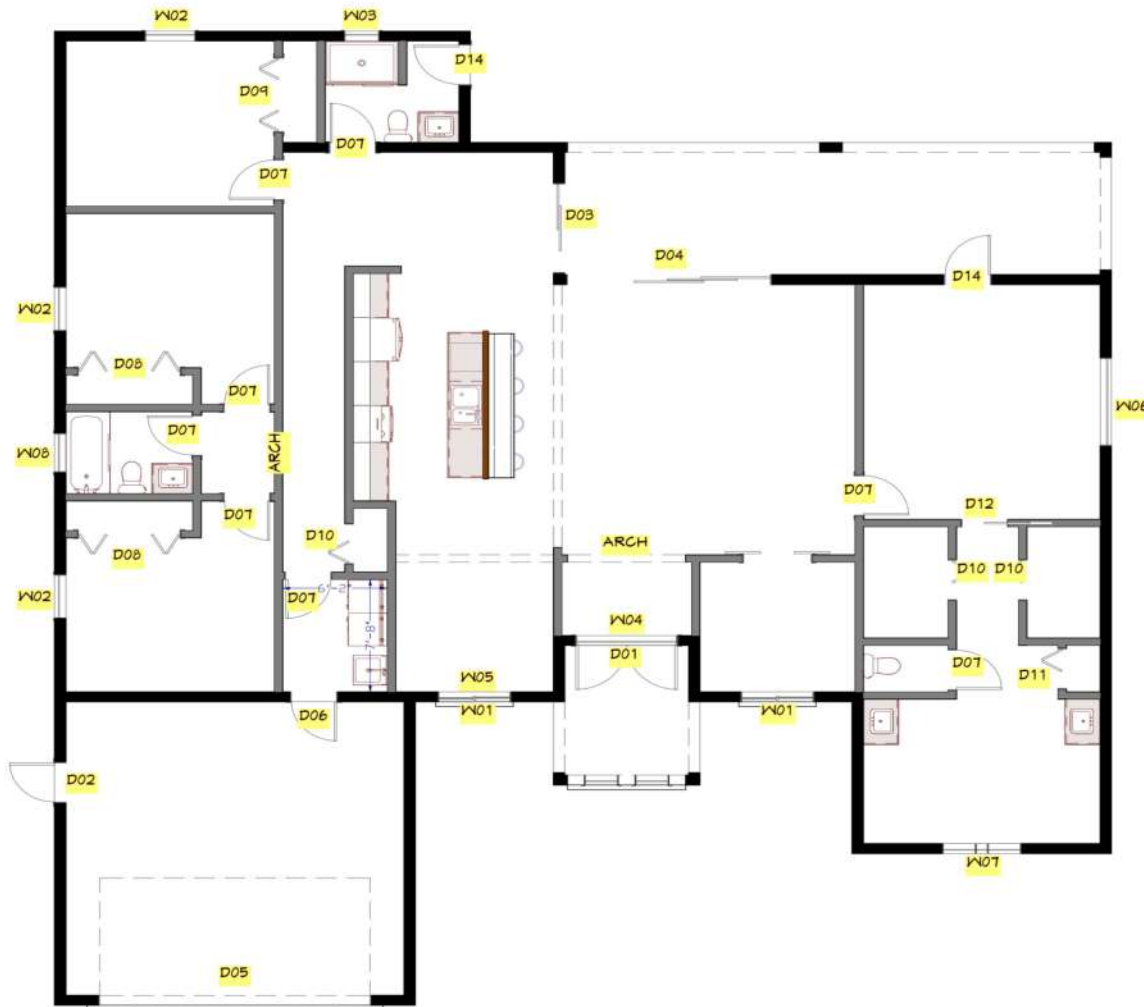
	Bars per Course	Course Spacing	Size	Overlap
Footing	2		#4	40.0
Wall Horz.	2	12"	#4	40.0
Wall Vert.	2	24"	#4	0.0
Slab		12"	#4	40.0

- Use Mesh and Foam Seal



**FOUNDATION PLAN**

Scale : 1/4" = 2'-0"



### WINDOW & DOOR SCHEDULE

IDENT	WINDOW & DOOR CODE	WINDOW & DOOR SIZE	DESCRIPTION	LOCATION ZONE	OPENING ELEV. (ft.)	OPENING DIMENSION		DESIGN PRESSURE PSF.	WIND Borne DEBRIS PROTECTION	APPLIED LOAD PSF.	MANUFACT. / N.O.A. #
						WIDTH (ft.)	HEIGHT (ft.)				
W01	36	52'-0"X12'	HORIZ. SLIDE	4	8'-0"	54"	14"		IMPACT GLASS		FLA-178171
W02	25	36"x62"	SING. HING.	4	8'-0"	56"	64"		IMPACT GLASS		FLA-178171
W03	183	25'-12"x36"	SING. HING.	4	8'-0"	28"	40"		IMPACT GLASS		FLA-178171
W04	TRANSOM	12"x36"	FIXED GLASS	4	10'-4"	14"	22"		IMPACT GLASS		FLA-178171
W05	TRANSOM	52'-0"X6"	FIXED GLASS	4	8'-0"	54"	36"		IMPACT GLASS		FLA-178171
W06	FIXED	12"x24"	FIXED GLASS	4	8'-0"	14"	28"		IMPACT GLASS		FLA-178171
W07	FIXED	36"x24"	FIXED GLASS	4	8'-0"	56"	28"		IMPACT GLASS		FLA-178171
W08	FIXED	32"x24"	FIXED GLASS	4	8'-0"	54"	28"		IMPACT GLASS		FLA-178171
<b>EXTERIOR DOOR SCHEDULE</b>											
D01	125080	12"x36"	ENTRY DOUBLE D.	4	4"	36"	47"		IMPACT GLASS		FLA-241171
D02	2660	32"x36"	METAL DOOR	4	4"	36"	47"		N/A		FLA-241171
D03	6080	12"x36"	PATIO DOOR SGLD.	4	4"	36"	47"		IMPACT GLASS		FLA-178171
D04	1380	144"x36"	PATIO DOOR SGLD.	4	4"	148"	47"		IMPACT GLASS		FLA-178171
D05	8740	87"x0"	GARAGE DOOR	4	8'-0"	16'-0"	8'-0"		N/A		FLA-5002.5
D06	2660	32"x36"	PATIO DOOR	4	4"	36"	47"		IMPACT GLASS		FLA-241171
<b>INTERIOR DOOR SCHEDULE</b>											
D07	2660	32"x36"	SOLID CORE								
D08	2660	32"x36"	STANDHED								
D09	6080	12"x36"	BFOLD								
D10	5080	60"x36"	BFOLD								
D11	2660	32"x36"	BFOLD								
D12	2060	24"x36"	S/FOLD								
D13	2660	32"x36"	PCT. DOOR								
D14	1212080	48"x36"	BARR. DOOR								

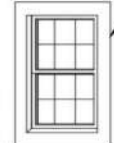
DENOTE: E EGRESS WINDOW + DOOR  
W01 WINDOW D01 DOOR

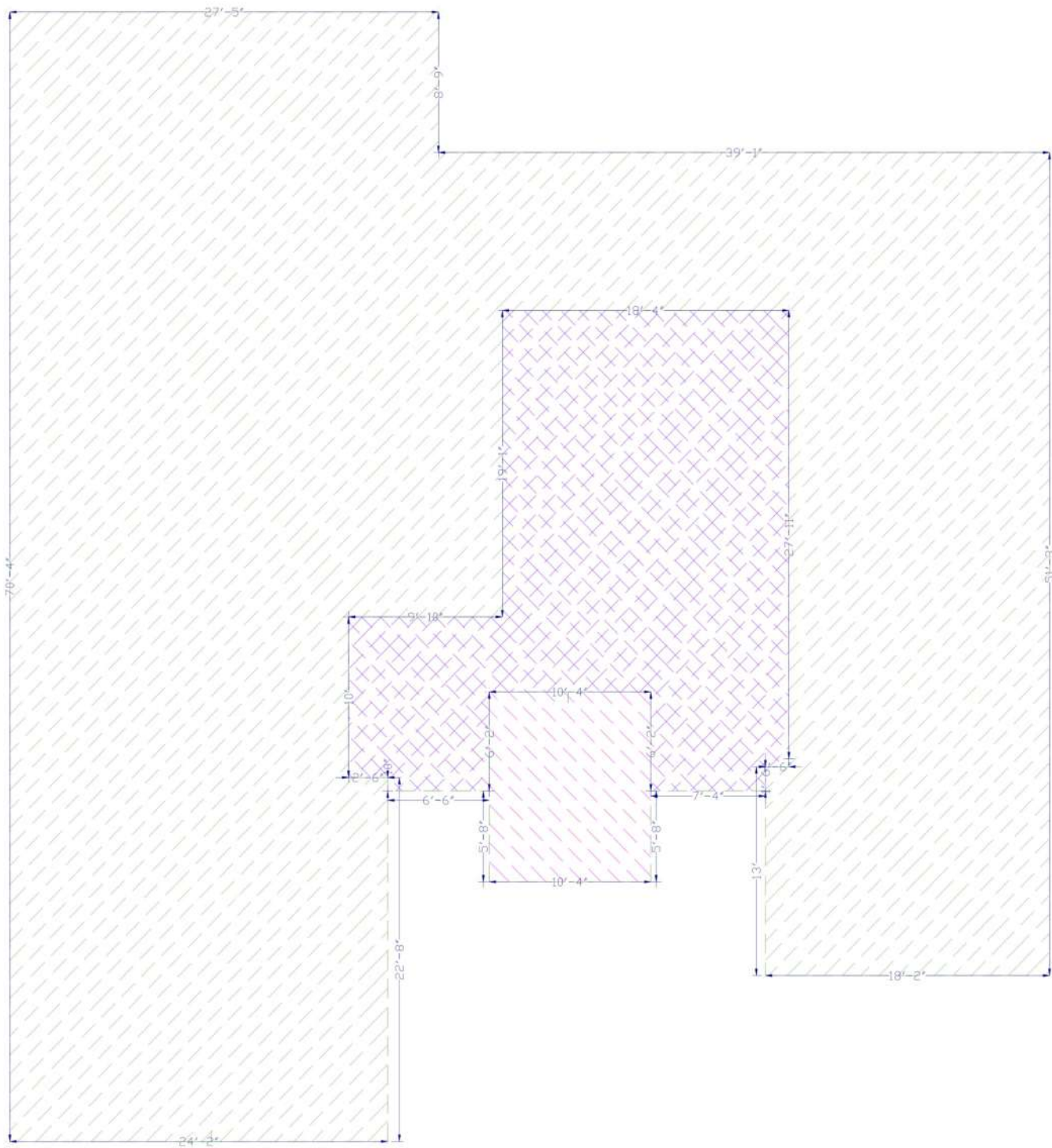
**NOTE**  
 ALL WINDOWS, DOORS, GARAGE DOOR FL, APPROVAL \* AND APPLIED LOAD PSF, AS PER MANUFACTURER SPEC.

**IBC ENERGY CONSERVATION, R407.1.1 NOTES**  
 WINDOWS MUST COMPLY TO SOLAR HEAT GAIN COEFFICIENT (SHGC) VALUE EQUAL TO OR LESS THAN 0.25 AND U-FACTOR VALUE LESS THAN OR EQUAL TO 0.35.

#### WINDOW & DOOR FLASHING, IBC R703.8 NOTE

- BLOCK APPLICATION**
- 1- APPLY VALKEM 350 LIQUID POLYURETHANE SEALER TO WINDOW OPENING AND 4" BEYOND ON EXTERIOR.
  - 2- SET WINDOW IN VALKEM 16 POLYURETHANE SEALANT.
  - 3- CALK EDGE OF WINDOW FLANGE TO OPENING WITH IN POLYURETHANE.
- FRAME APPLICATION**
- 1- APPLY VALKEM 350 LIQUID POLYURETHANE SEALER TO WINDOW OPENING AND 4" BEYOND ON EXTERIOR.
  - 2- SET WINDOW IN VALKEM 16 POLYURETHANE SEALANT.
  - 3- APPLY PEEL AND STICK TO ENTIRE WALL, INCLUDING NAIL FIN, PEEL AND STICK TO BE APPLIED WITH SHINGLE STYLED OVERLAP.
  - 4- CALK EDGE OF WINDOW FLANGE TO OPENING WITH IN POLYURETHANE.
- DOOR APPLICATION**
- 1- SIMILAR APPLICATION WITH VALKEM 350 LIQUID POLYURETHANE SEALER, PROVIDING PAN EFFECT AT DOOR SILL.



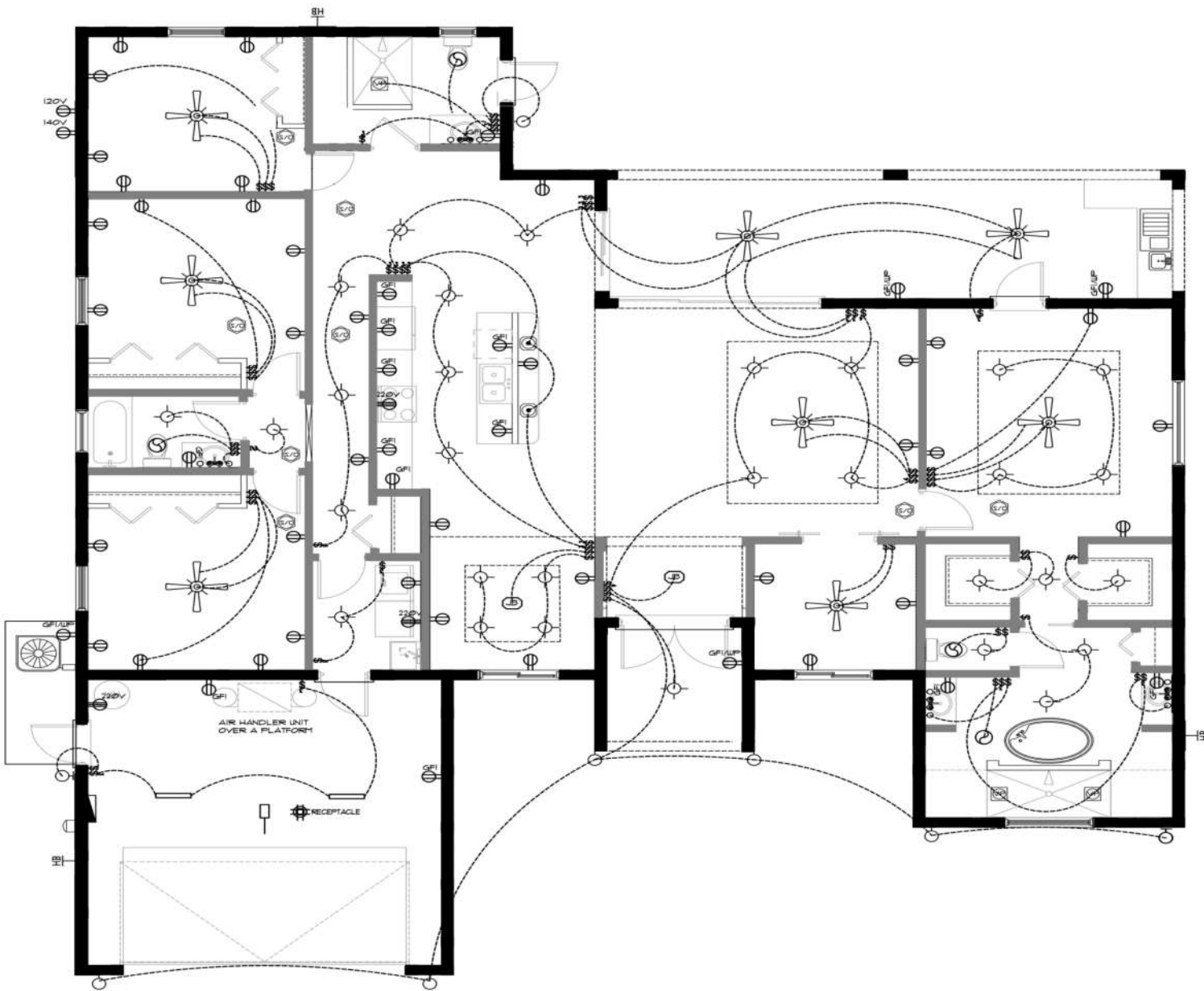


- NOTES**
- Roof Part # 1 Color Green  
 Style : Flat Roof  
 Height : 12 Ft. Ceiling : 10 Ft  
 Perimeter : 384.5 Ft  
 Roof Surface area : 2989 SqFt  
 Slab thickness : 2 in.  
 Concrete : +/- 500 CuF
  - Roof Part # 2 Color Purple  
 Style : Flat Roof  
 Height : 14 Ft Ceiling : 12 Ft  
 Perimeter : 133 ft  
 Roof Surface Area : 666.7 SqFt  
 Slab Thickness : 2 in  
 Concrete : +/- 112 CuFt
  - Roof Part # 3 Color Magenta  
 Style : Flat Roof  
 Height : 16 Ft. Ceiling : 14 Ft  
 Perimeter : 44.4 Ft  
 Roof Surface Area : 122.3 SqFt  
 Slab thickness : 2 in  
 Concrete : +/- 21 CuFt



**ROOF SECTIONS PLAN**

Scale : 1/4" = 2'-0"



**ELECTRICAL KEY**

	DUPLEX OUTLET
	SPLIT SWITCHED OUTLET
	FLOOR OUTLET
	GROUND FAULT OUTLET
	WEATHER PROOF OUTLET
	SOFFIT WEATHER PROOF OUTLET
	220V OUTLET
	RECEPTACLE
	EXHAUST FAN
	EXHAUST FAN / LIGHT
	HEAT / LIGHT & EXHAUST FAN
	RECESSED CAN LIGHT
	EYEBALL LIGHT
	VAPOR PROTECTED LIGHT
	PENDANT LIGHT
	CEILING LIGHT
	WALL LIGHT
	SINGLE SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	DIMMER SWITCH
	JUNCTION BOX
	CABLE T.V. JACK
	BUTTON
	PHONE JACK
	SMOKE DETECTOR
	ELECTRICAL PANEL
	DISCONNECT SWITCH
	ELECTRIC METER
	DIRECT WIRE
	1 BULB FLUORESCENT
	2 BULB FLUORESCENT
	VANITY LIGHTS
	FLOOD LIGHT
	CHIMES
	GARAGE DOOR OPENER
	CEILING FAN
	CEILING FAN w/ LIGHT

- ELECTRICAL NOTES:**
1. ALL ELECTRICAL WORK MUST MEET 2017 NEC.
  2. RECEPTACLES SHALL BE SPACED ACCORDINGLY SO THAT NO POINT ALONG THE FLOOR LINE IS MORE THAN 6'-0" FROM AN OUTLET. NO SPACES FURTHER APART THAN 12'-0" UNLESS OTHERWISE NOTED OR PER ANY SPECIFIC CODES.
  3. ALL RECEPTACLES IN BATHROOMS, GARAGES, OR OUTDOORS SHALL BE PROTECTED BY A GROUND FAULT INTERRUPTION SYSTEM (GFI) AND AS NOTED ON THE DRAWINGS.
  4. OUTLET BOXES IN WALL BETWEEN THE LIVING AREA & THE GARAGE SHALL BE METAL OR U.I. APPROVED PLASTIC.
  5. PROVIDE COMBINATION SMOKE AND CARBON MONOXIDE DETECTORS POWERED BY HOUSE ELEC. WITH BATTERY MONITORED BACKUP. SHALL BE INSTALLED IN EACH SLEEPING ROOM 5'-0" FROM DUCT OPENINGS AND IN THE HALL OR IMMEDIATELY OUTSIDE EACH SLEEPING AREA, AND ON THE HIGHEST CEILING POINT OF EACH ADDITIONAL STORY OF THE RESIDENCE. ALL SMOKE DETECTORS SHALL BE INTERCONNECTED SO THE ACTIVITY OF ANY ONE DEVICE WILL CAUSE ALL TO SOUND.
  6. SWITCH PLATES TO BE PLACED AT 46" ABOVE FINISH FLOOR TO CENTER OF SWITCH (TYPICAL).
  7. OUTLET BOXES TO BE INSTALLED 18" ABOVE FINISH FLOOR TO CENTER OF BOX (TYPICAL). BOXES TO BE METAL OR U.I. APPROVED PLASTIC.
  8. AT LEAST TWO 20 AMP SMALL APPLIANCE CIRCUITS SHALL BE PROVIDED TO SERVE THE KITCHEN NOOK & DINING AREAS. THESE CIRCUITS ARE TO HAVE NO OTHER OUTLETS. CONFORM TO NEC ART. 220-30.
  9. ALL LIGHTING FIXTURES LOCATED IN CLOSETS OR STORAGE AREAS SHALL BE LOCATED A MINIMUM OF 18" FROM ALL SHELVING.
  10. PROVIDE 200A ELECTRICAL SERVICE PANEL WITH METER EQUIPMENT.
  11. PROVIDE DISCONNECT SWITCH FOR AIR HANDLER IN SPACE REQUIRED.
  12. PROVIDE G.F.I. OUTLET AT KITCHEN & BATHROOM COUNTER TOP AREAS, WHERE REQUIRED.
  13. PROVIDE RECD CONNECTION FOR GARAGE DOOR OPENER(S).
  14. PROVIDE RECD CONNECTIONS FOR ALL KITCHEN APPLIANCES.
  15. PROVIDE RECD CONNECTIONS FOR MECH. EQUIPMENT.
  16. ALL RECESS CANS SHALL BE IC RATED.
  17. ALL BATH OUTLETS ARE TO BE ON AT LEAST ONE SEPERATE 20 AMP GFI PROTECTED CIRCUIT.
- ARC-FAULT CIRCUIT INTERRUPTER (AFCI) AS PER 2017 NATIONAL ELECTRIC CODE SECTION 210.12

**GENERAL NOTES:**

THIS IS A SCHEMATIC PLAN. EXACT LOCATIONS ARE TO BE DETERMINED BY ELECTRICAL CONTRACTOR, INTERIOR DESIGNER/OWNER OR AS CODE REQUIRES, UNLESS SPECIFIC LOCATION IS NOTED.

THE GHOSTED FLOOR PLAN IS FOR REFERENCE ONLY, NOT TO BE REFERRED TO FOR ANY STRUCTURAL CHANGES.

MECHANICAL/ELECTRICAL CONTRACTOR TO VERIFY ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT, ELECTRICAL APPLIANCES ETC...

ALL OUTLETS ABOVE COUNTER HEIGHT IN KITCHEN AND BATHROOMS TO BE G.F.I. TYPE AS PER LOCAL CODES.

VERIFY WITH OWNER LOCATION/TYPE OF ALL FIXTURES, PANEL BOXES, OUTLET PLACEMENT ETC. BY HOLDING AN ELECTRICAL WALKTHROUGH ON BUILDING SITE ONCE FRAMING IS COMPLETED.

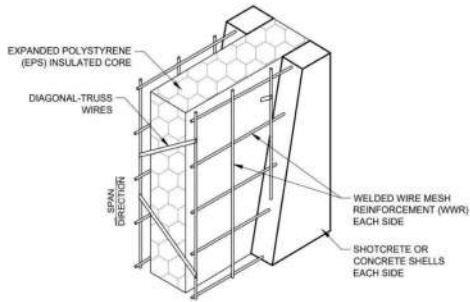
LANDSCAPING LIGHTS ARE NOT INDICATED ON PLANS. PROVIDE FOR LANDSCAPING LIGHTS TO BE SWITCHED AS SHOWN COORDINATE ALL WORK WITH BUILDING CONTRACTOR.

PROVIDE ARC FAULT CIRCUIT INTERRUPTERS PROTECTION IN EACH BEDROOM AS PER 2017 NEC.

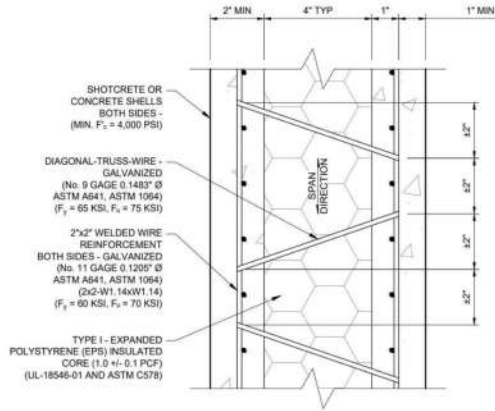


**ELECTRICAL PLAN**

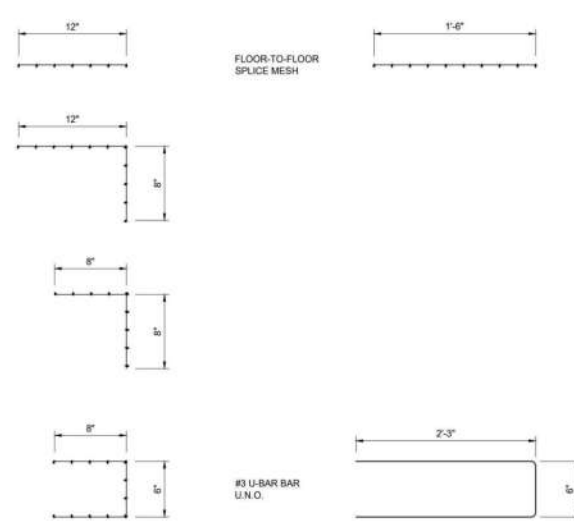
Scale : 1/4" = 2'-0"



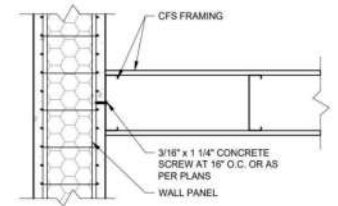
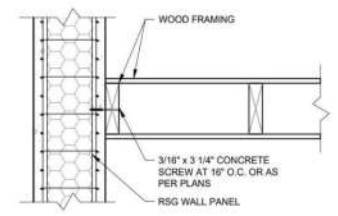
**PANEL ISOMETRIC**



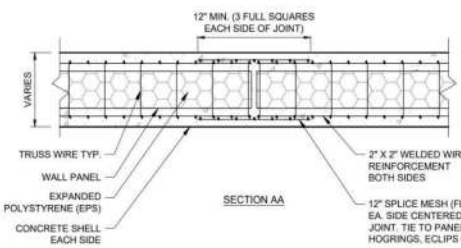
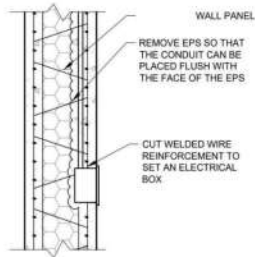
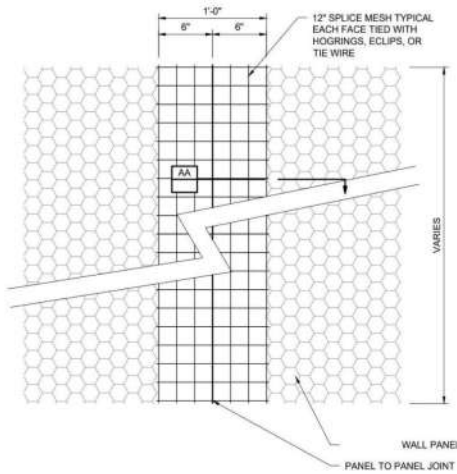
**PANEL - 8\"/>**



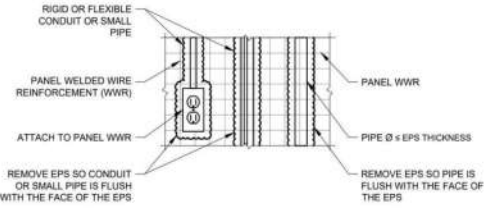
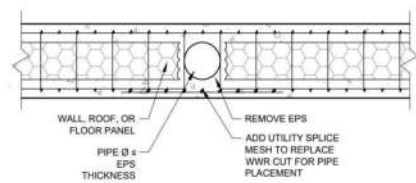
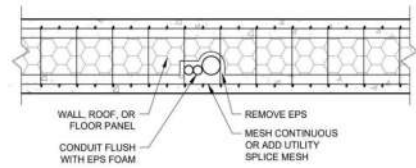
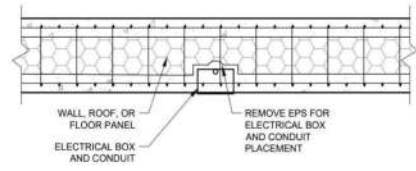
**TYPICAL CONNECTION MESH AND REINFORCEMENT**



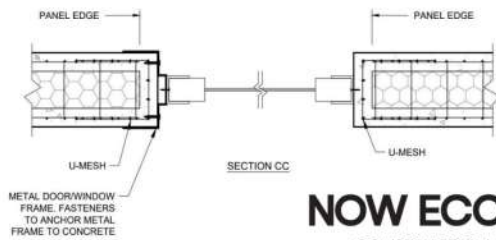
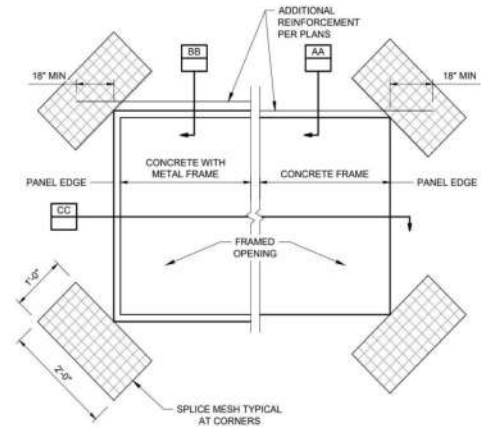
**NON-STRUCTURAL WALL CONNECTION AT PANEL WALL**



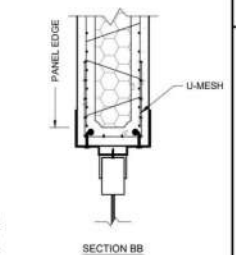
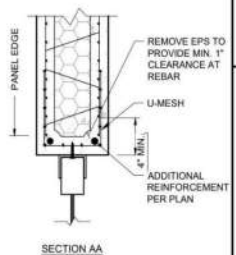
**PANEL JOINT - PLAN OR ELEVATION**

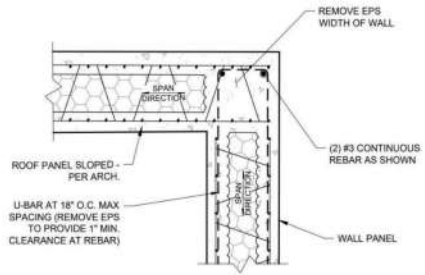


**UTILITY PLACEMENT**

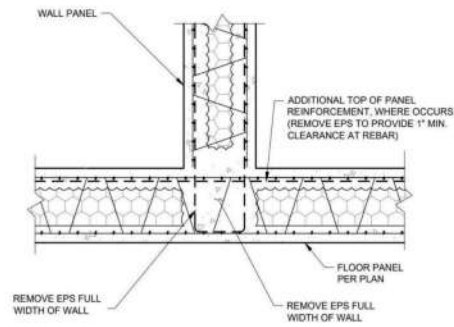


**FRAMED OPENING HEADERS OR BEAMS**

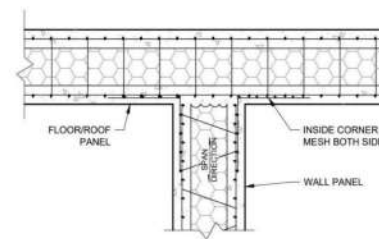




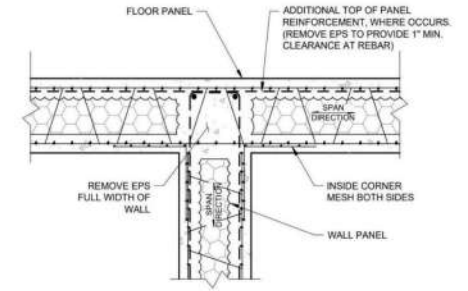
PANEL DETAIL



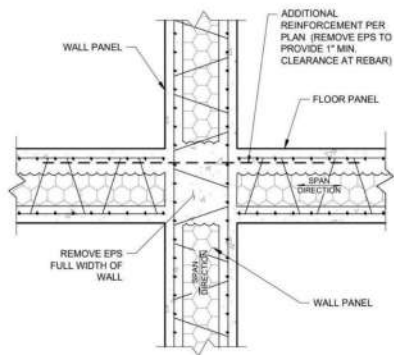
FRAMING AT INT. WALL ABOVE



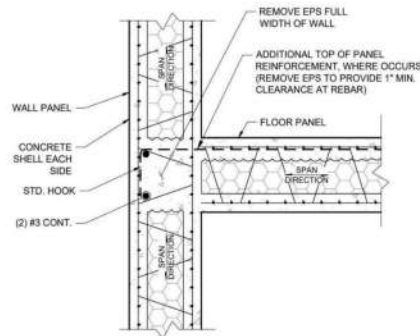
PANEL DETAIL



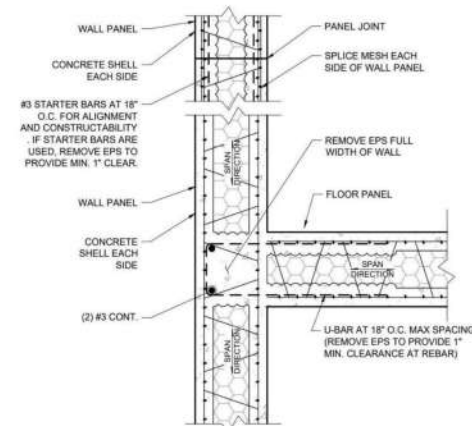
PANEL DETAIL



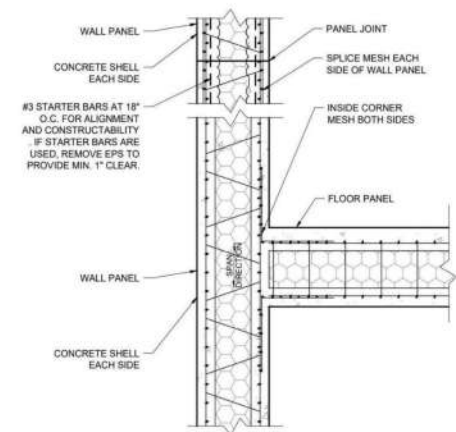
PANEL DETAIL



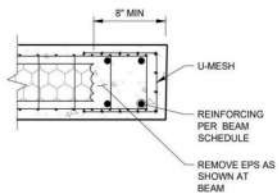
ADDITIONAL TOP BARS AT FLOOR PANEL



FLOOR FRAMING AT BEARING WALL

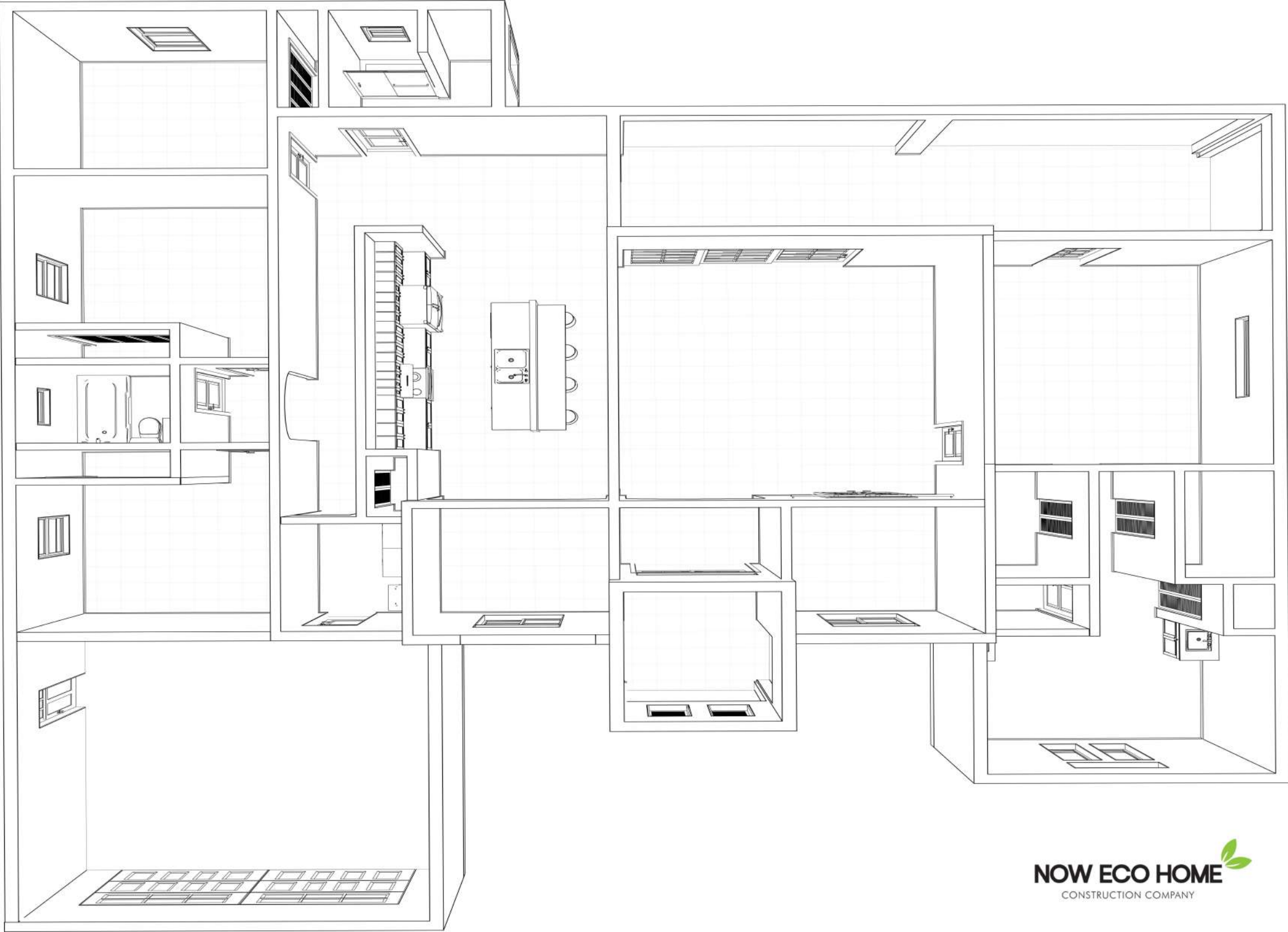


FLOOR FRAMING AT NON-BEARING WALL

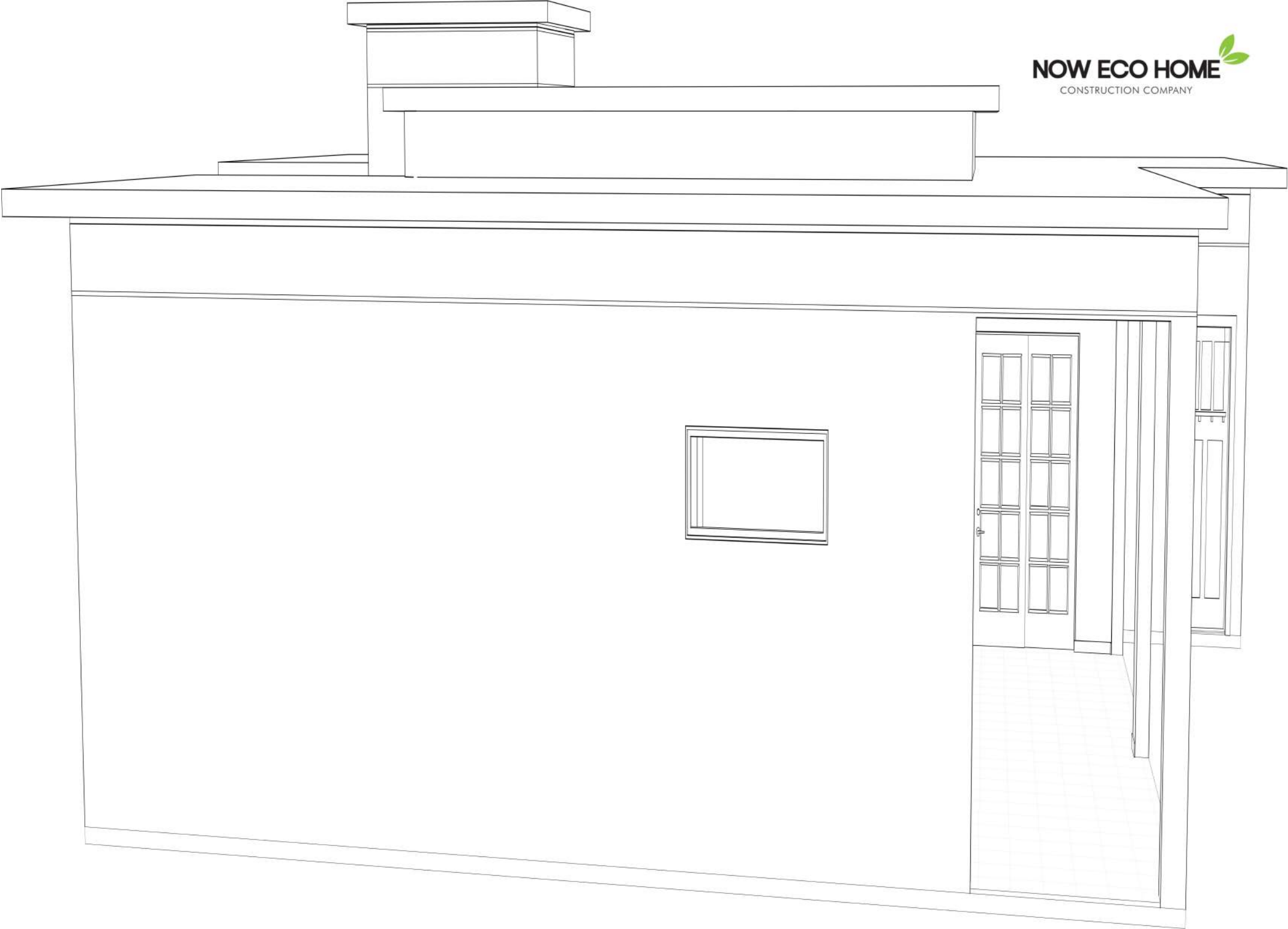


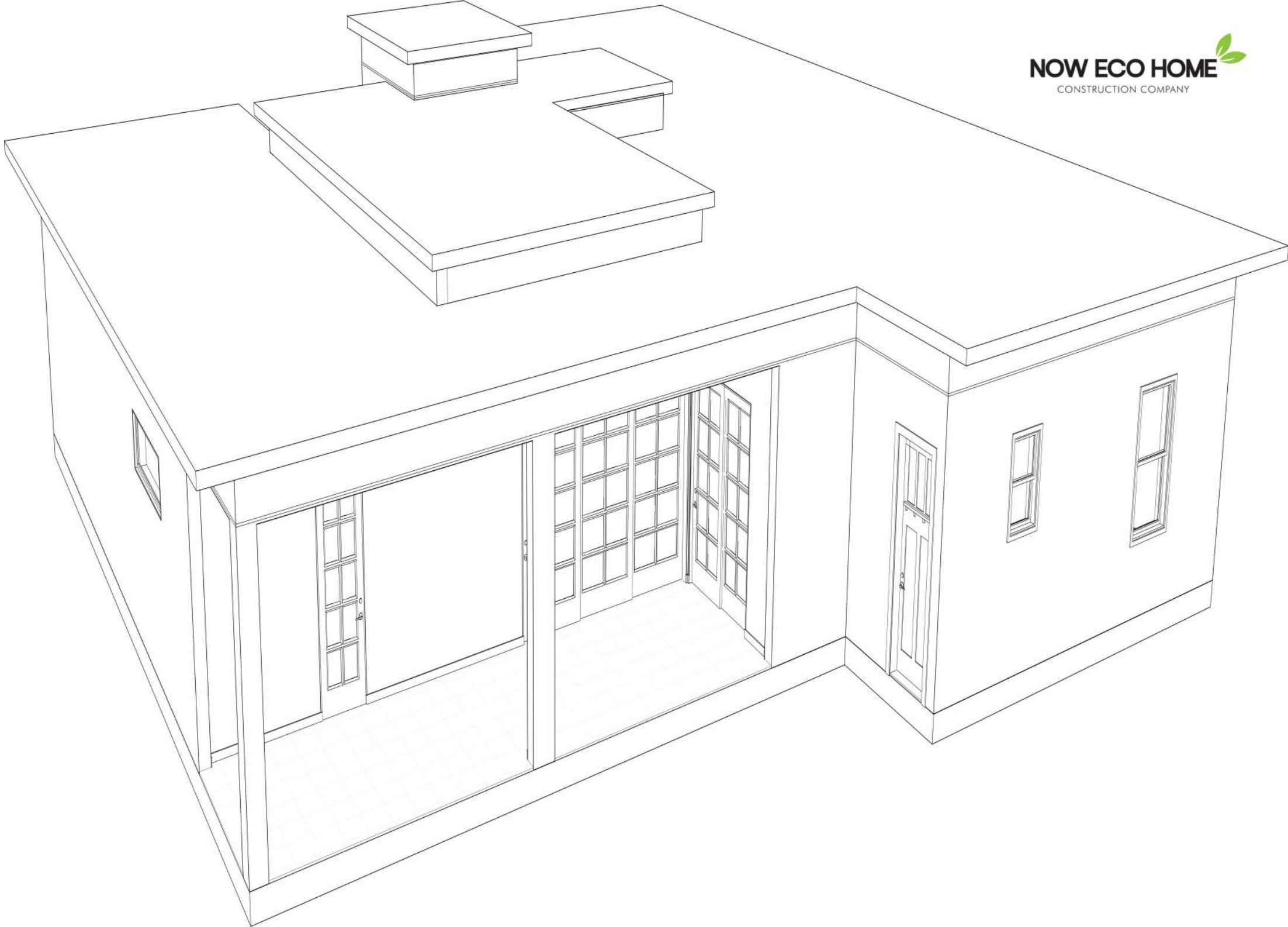
IN-FLOOR BEAM AT PANEL TERMINATION

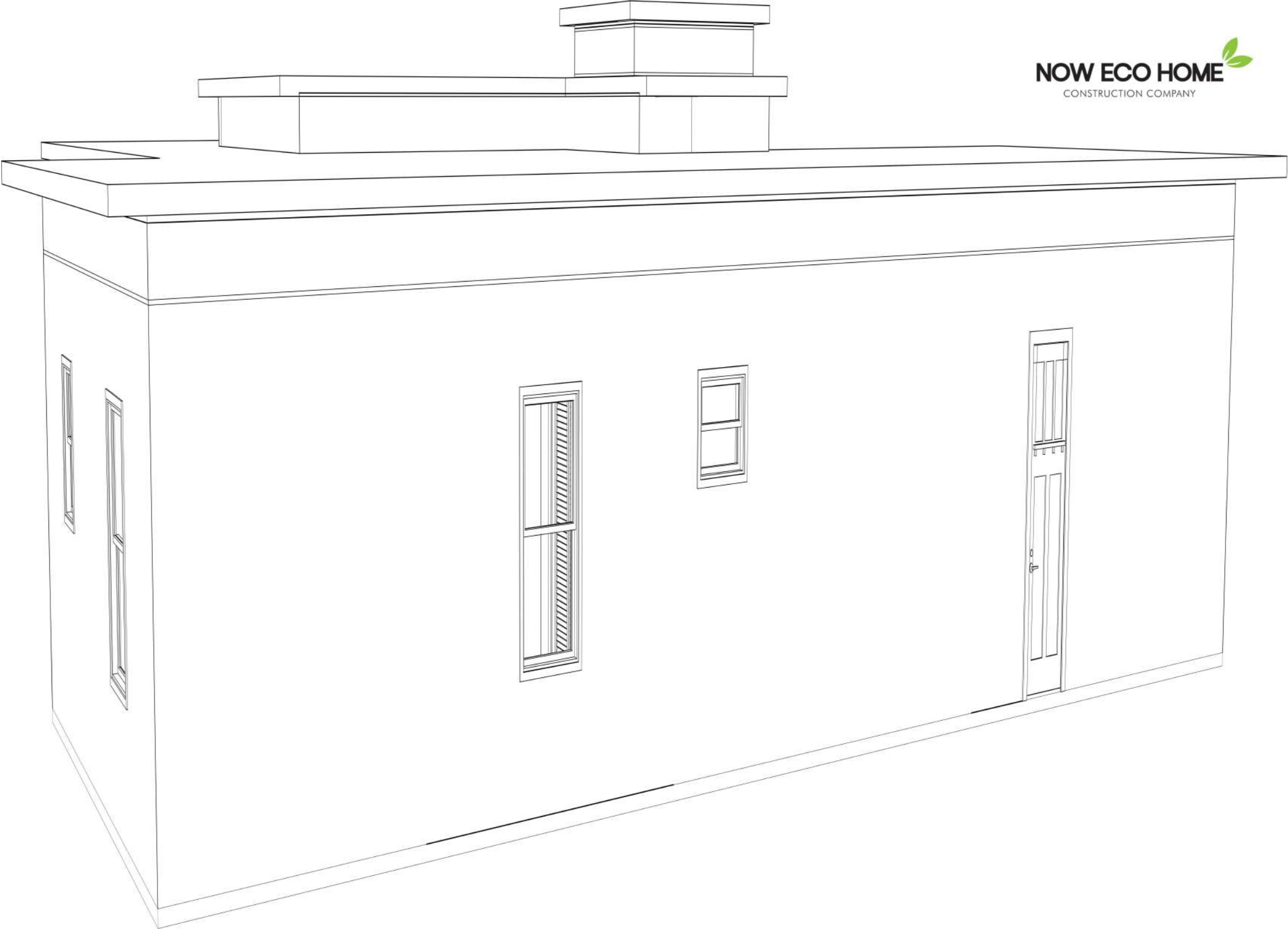














1038 NW 37<sup>th</sup> AVE CAPE CORAL FL

**NOW ECO HOME**   
CONSTRUCTION COMPANY



*1200 NW 35<sup>th</sup> PLACE CAPE CORAL FL*

**NOW ECO HOME**   
CONSTRUCTION COMPANY



1620 NW 32<sup>nd</sup> COURT CAPE CORAL FL

**NOW ECO HOME**   
CONSTRUCTION COMPANY





3504 NW 21st TER



3425 NW 21<sup>st</sup> ST CAPE CORAL FL