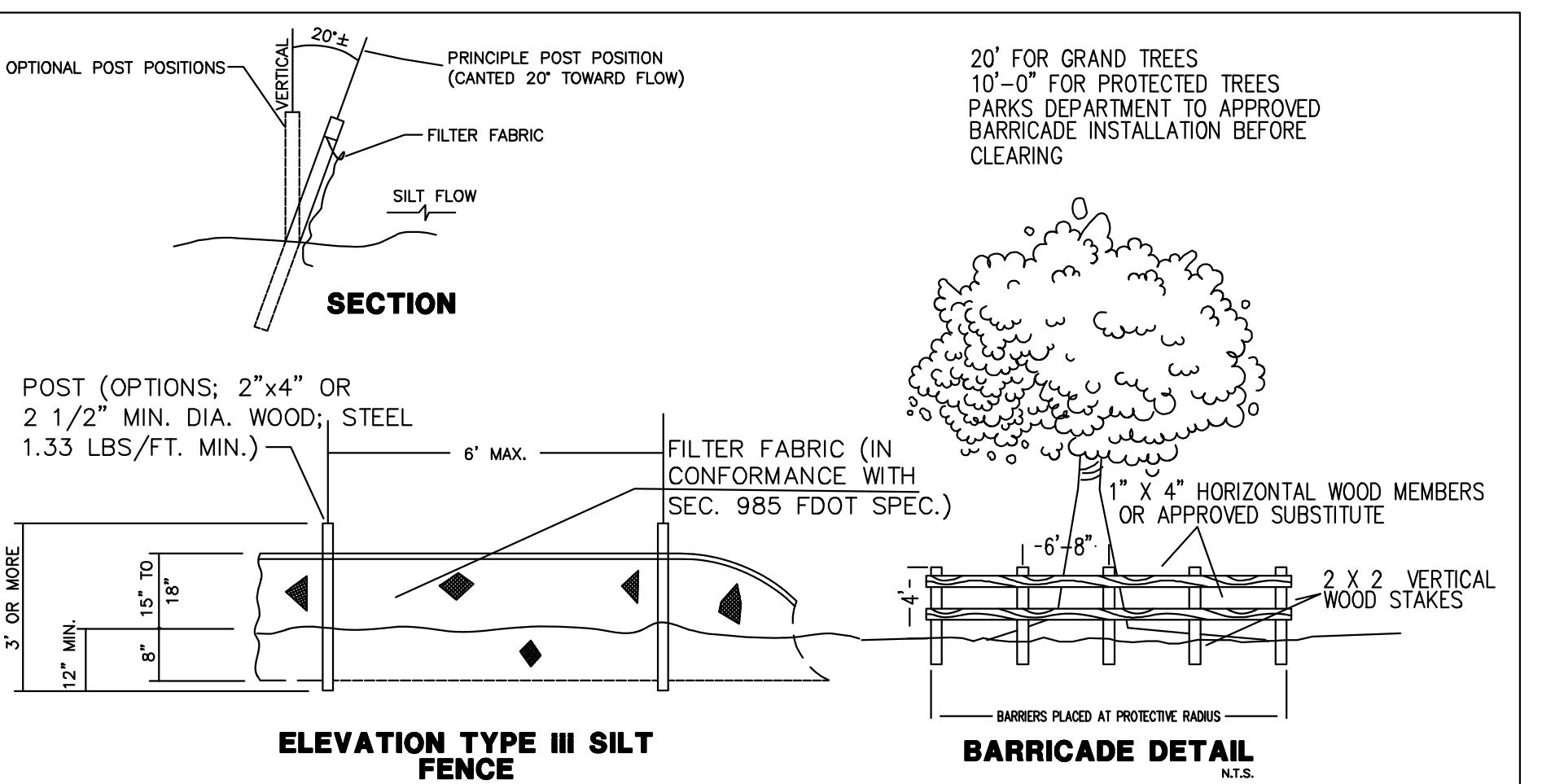


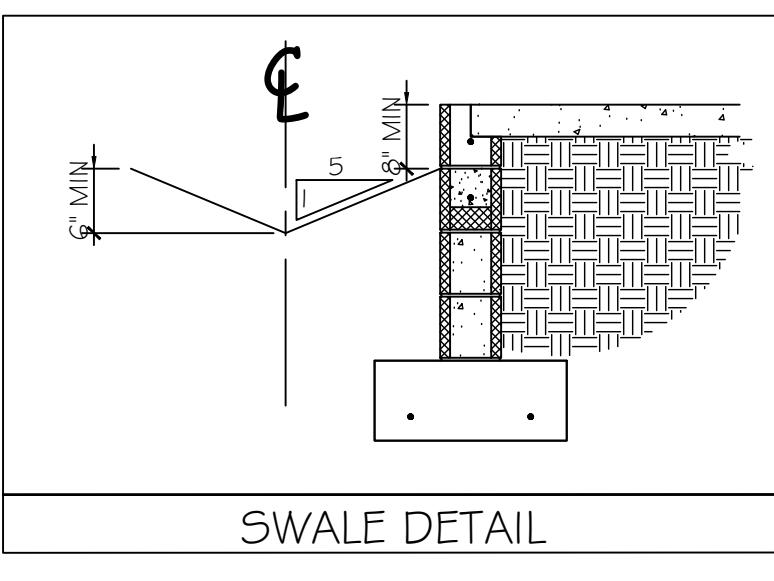
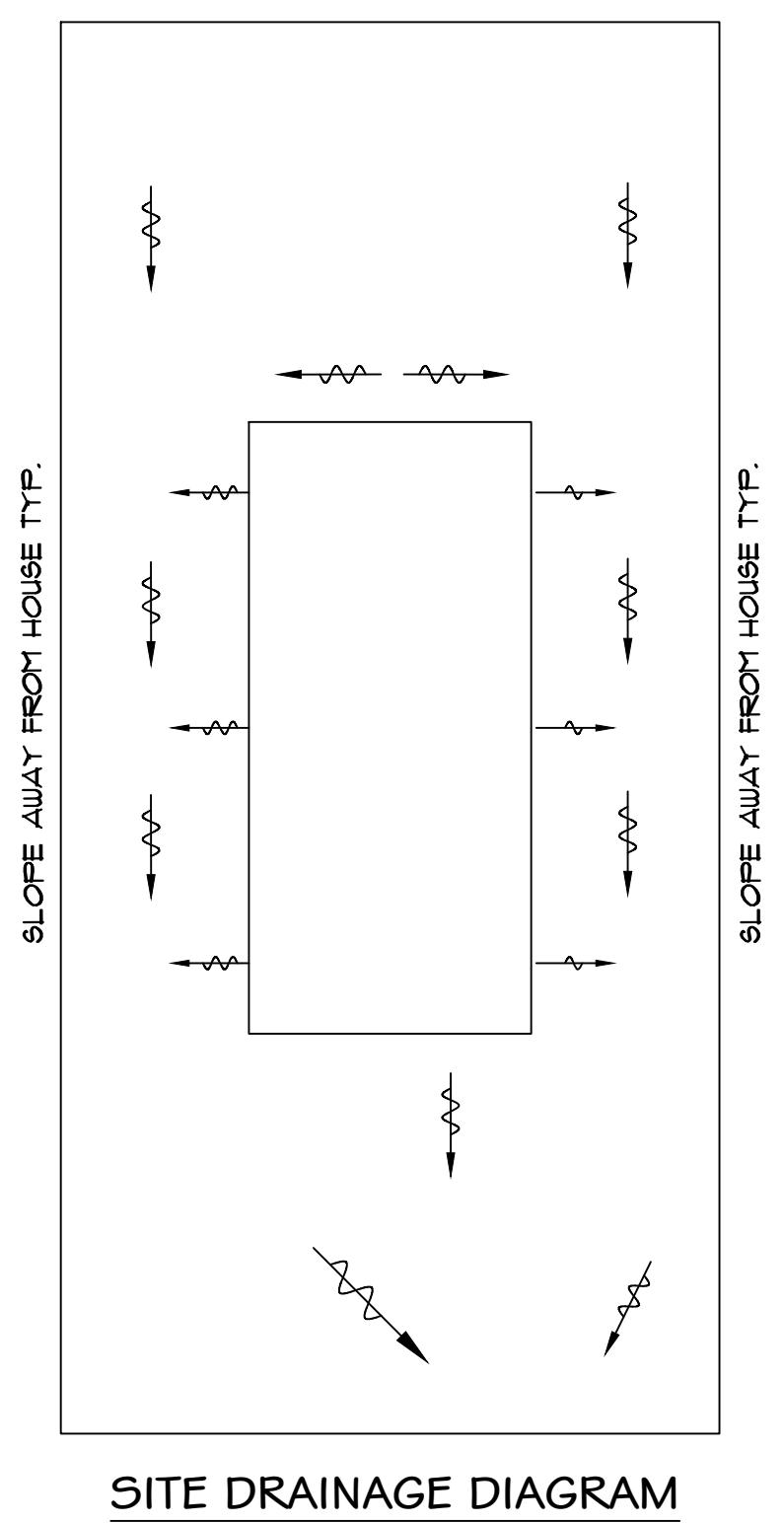
SITE DATA	
ZONING:	S
# OF STORIES	2 STORY
BUILDING HEIGHT: (mean roof height)	28'-II" (\pm)
STRUCTURE IS(/) NOT LOCATED IN A SPECIAL FLOOD ZONE (SFHA)	
FLOOD ZONE:	 Pinellas County AE-AN AREA INUNDATED BY 1% ANNUAL CHANCE FLOODING, FOR WHICH BFES HAVE BEEN DETERMINED
BASE FLOOD ELEVATION:	8 FEET
CURRENT STRUCTURE COMPLIES w/ FEMA REGULATIONS	
PARCEL ID/FOLIO #:	000929-0000
Reviewed for Code Compliance	
LEGAL DESCRIPTION:	INDIAN BEACH RE-REVISED 1ST ADD BLK 82, LOT 4
R-SFR-25-00149	FRONT BUILDING: 25' 8/1/2025
SETBACKS	INTERIOR SIDE: 7'/15' Issued Date: 8/1/2025
	REAR: 25'
HEIGHT REGULATIONS: MAX. ABV. 10' PILINGS 25' MAX	
F.A.R.:	40%

LEGEND

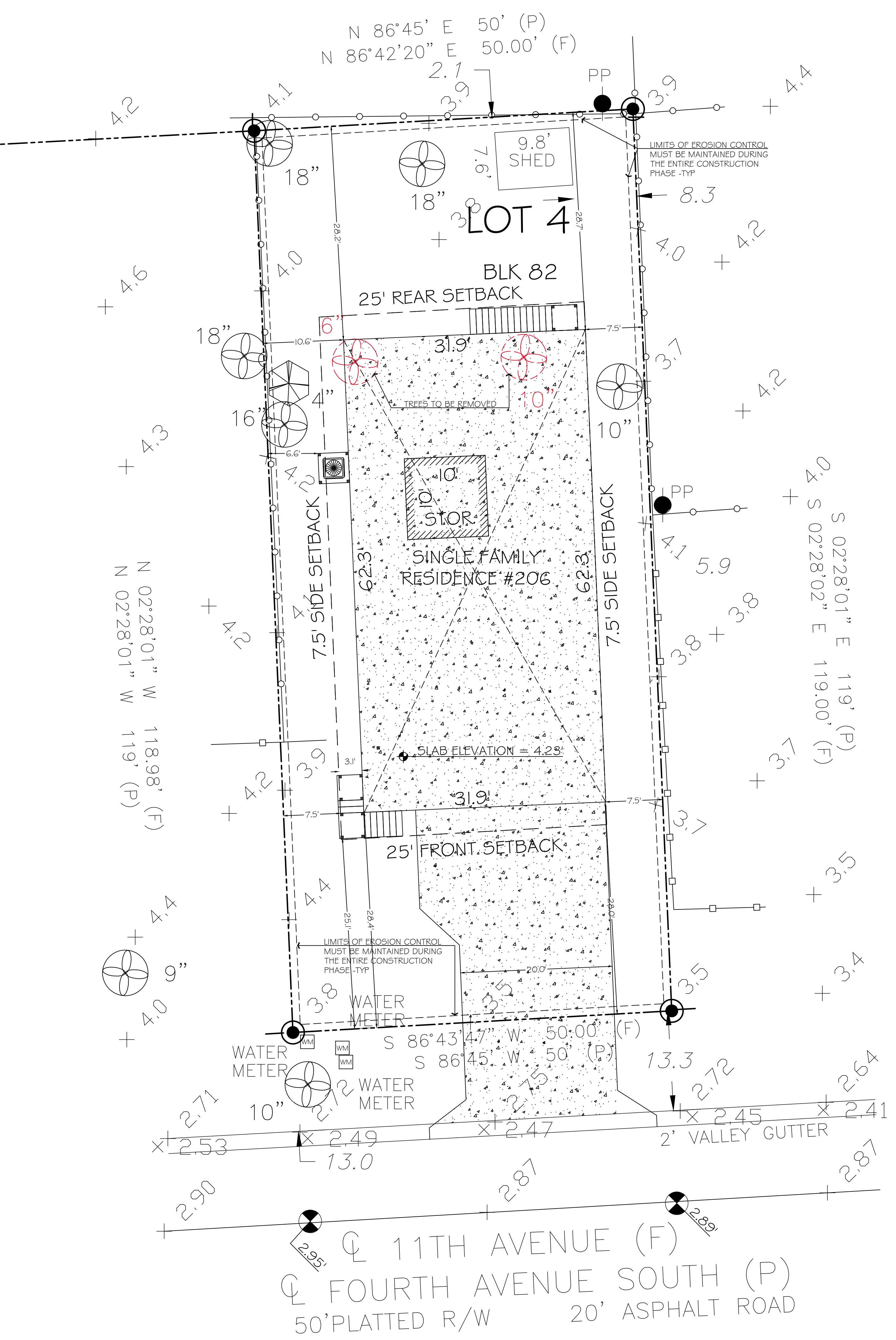
— - - - -	PROPERTY LINE
— — — — —	PROPERTY SETBACK/ UTILITY EASEMENTS
— - - - -	EROSION CONTROL
— □ — □ —	FENCES-WOOD
— ○ — ○ —	FENCES-PVC
+0.00	SPOT ELEVATIONS
/ / / / / / / /	EX'G/PROPOSED/ ADJACENT STRUCTURE FOOTPRINT
	CONCRETE
	H.B.
	ELECTRICAL METER/PANEL
	POWER POLE
	WATER METER
	CLEANOUT
	AC UNIT
	PALM TREE
	OAK TREE
	MANGROVE TREE



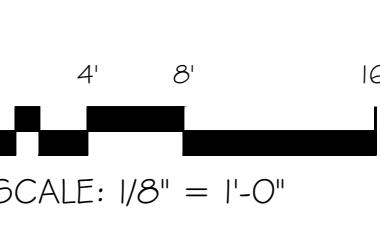
EROSION CONTROL DETAILS



SITE DRAINAGE DIAGRAM



ARCHTECTURAL LOCATION PLAN



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

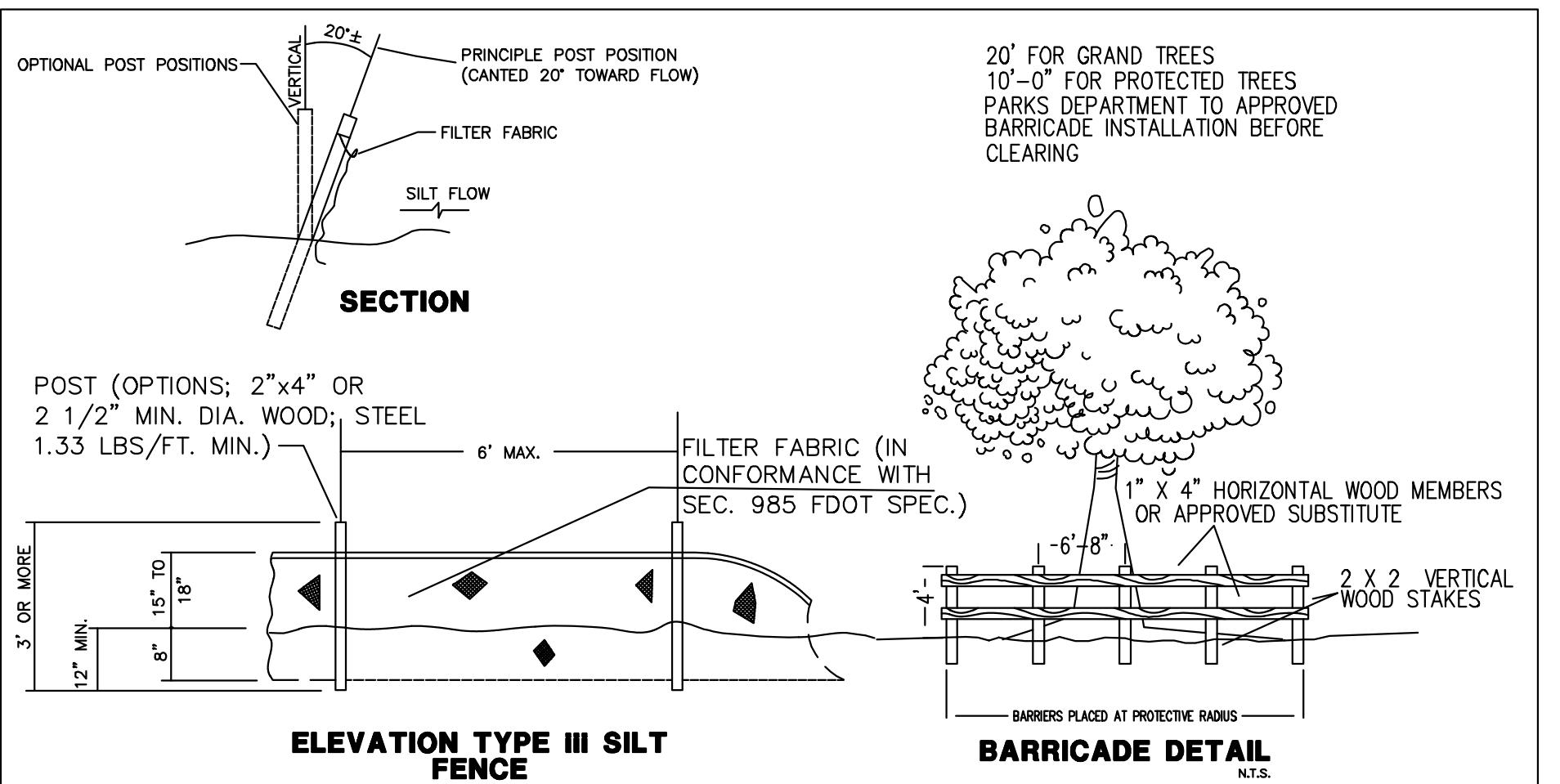
REV	DATE	DESCRIPTION
1	-	-
2		
3		
PROJECT NO: 2501-410		
DATE: 24.06.2025		
DRAWN BY: A. KOHN		
*CONSTRUCTION DOCUMENTS ARE ORIGINAL AND UNPUBLISHED MATERIALS OF THE DESIGNER. THEY SHALL NOT BE COPIED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE DESIGNER.		
ARCHITECTURAL SITE PLAN		

Cl.0

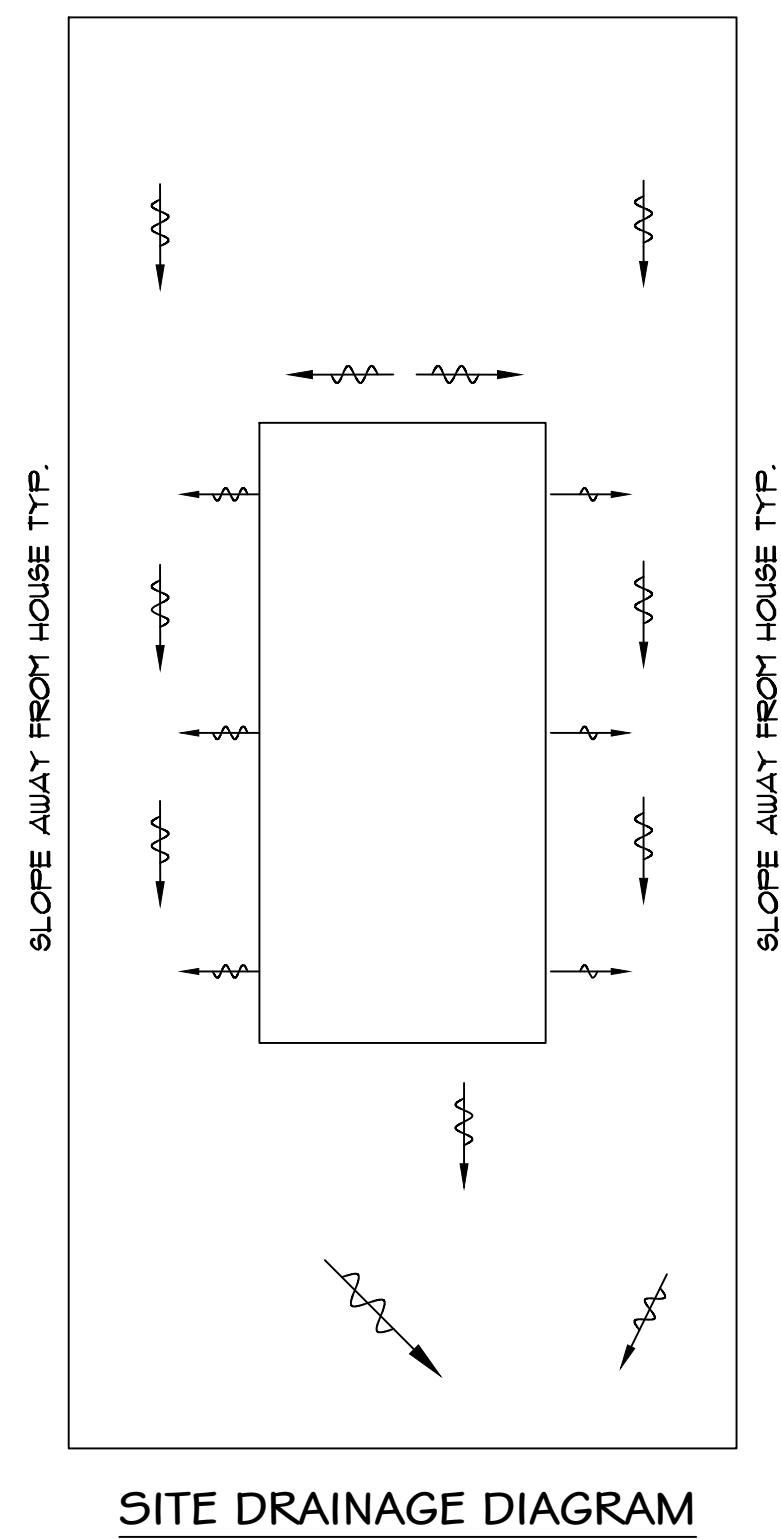
SITE DATA	
ZONING:	S
# OF STORIES	2 STORY
BUILDING HEIGHT: (mean roof height)	27'-8" (\pm)
STRUCTURE IS(/) NOT LOCATED IN A SPECIAL FLOOD ZONE (SFHA)	
FLOOD ZONE:	AE-AN AREA INUNDATED BY 1% ANNUAL CHANCE FLOODING, FOR WHICH BFES HAVE BEEN DETERMINED
BASE FLOOD ELEVATION:	8 FEET
CURRENT STRUCTURE COMPLIES w/ FEMA REGULATIONS	
PARCEL ID/FOLIO #:	000929-0000
Reviewed for Code Compliance	
LEGAL DESCRIPTION:	INDIAN BEACH RE-REVISED 1ST ADD BLK 82, LOT 4
R-SFR-25-00149	FRONT BUILDING: 25'
SETBACKS	Issued Date INTERIOR SIDE: 7/15' REAR: 25'
HEIGHT REGULATIONS: MAX. ABV. IO' PILINGS	25' MAX
F.A.R.:	40%

LEGEND

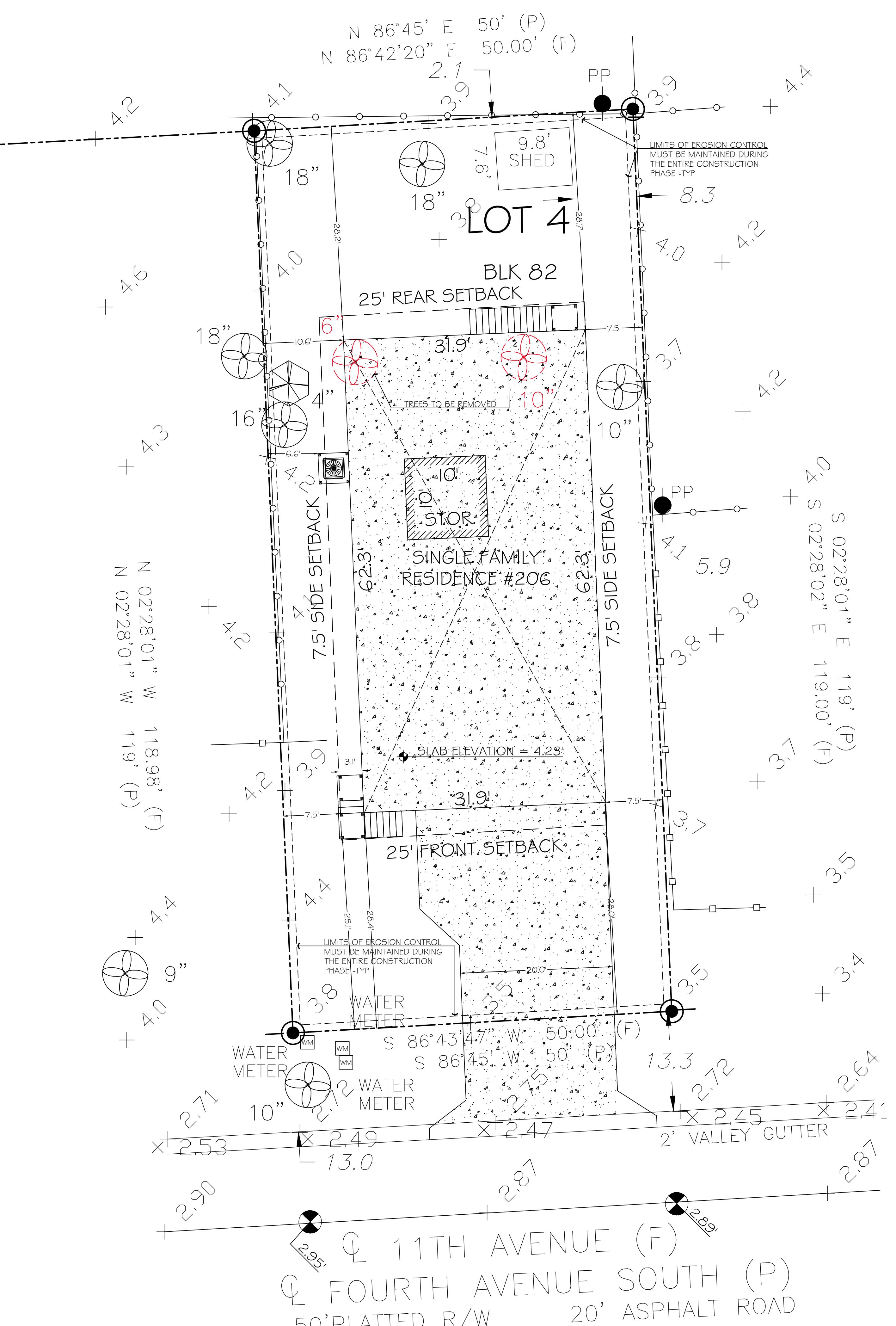
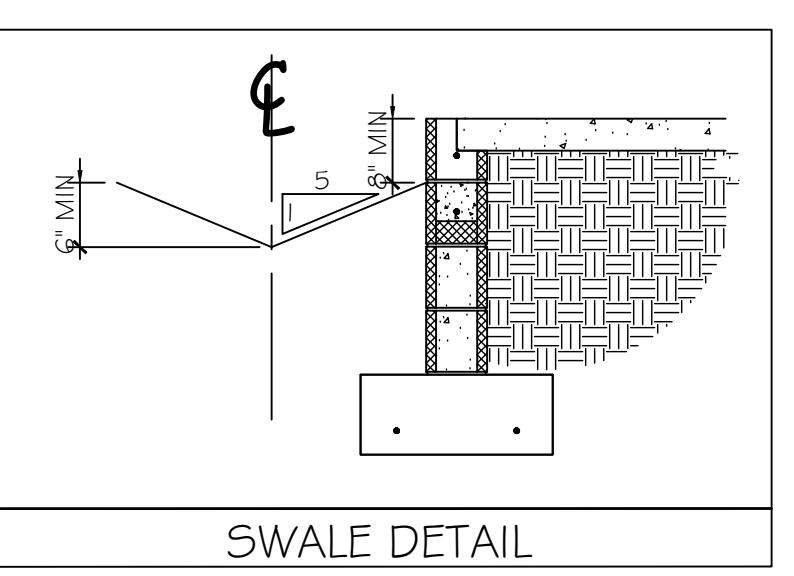
-----	PROPERTY LINE
— — — — —	PROPERTY SETBACK/ UTILITY EASEMENTS
- - - - -	EROSION CONTROL
	FENCES-WOOD
	FENCES-PVC
	SPOT ELEVATIONS
	EX'G/PROPOSED/ ADJACENT STRUCTURE FOOTPRINT
	CONCRETE
	H.B. HOSE BIB
	ELECTRICAL METER/PANEL
	POWER POLE
	WATER METER
	CLEANOUT
	AC UNIT
	PALM TREE
	OAK TREE
	MANGROVE TREE



EROSION CONTROL DETAILS



SLOPE AWAY FROM HOUSE TYP.



ARCHTECTURAL LOCATION PLAN

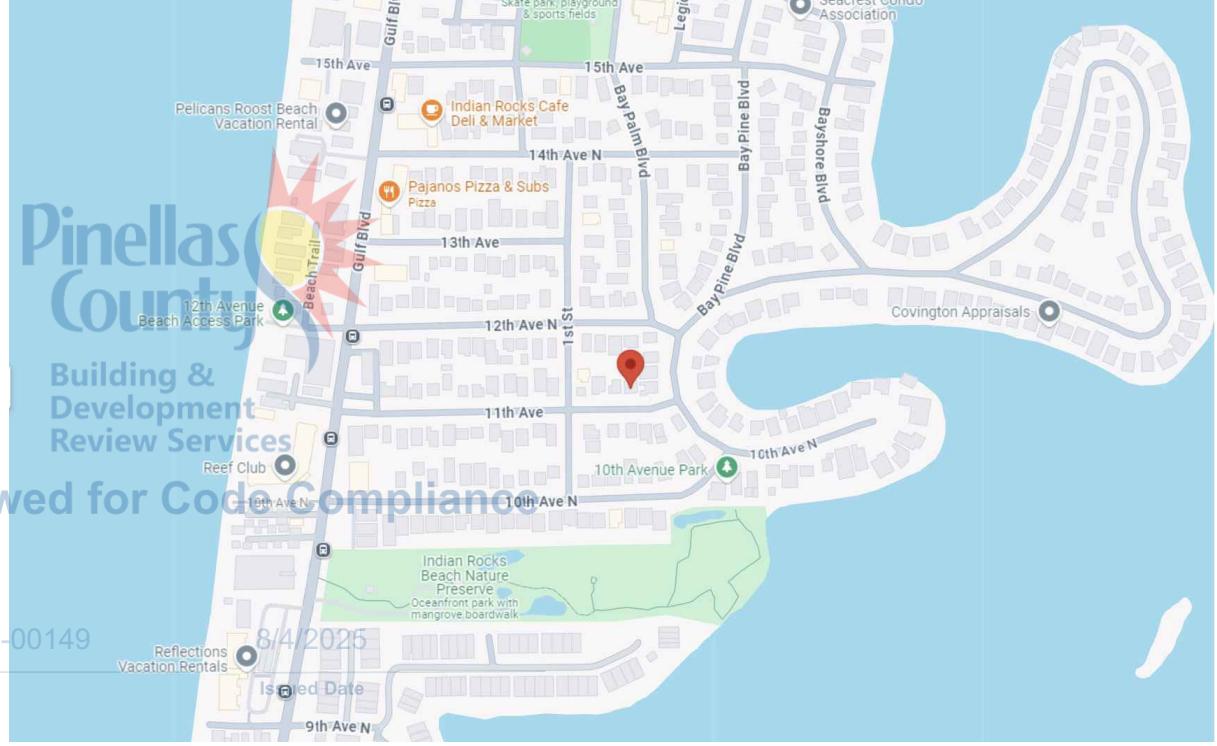


SCALE: 1/8" = 1'-0"

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

REV	DATE	DESCRIPTION
	-	-
		
		
PROJECT NO: 2501-410		
DATE: 18.04.2025		
DRAWN BY: A. KOHN		
<p>*CONSTRUCTION DOCUMENTS ARE ORIGINAL AND UNPUBLISHED MATERIALS OF THE DESIGNER. THEY SHALL NOT BE COPIED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE DESIGNER.</p>		
<h1>ARCHITECTURAL SITE PLAN</h1>		
<h1>CI.O</h1>		

VICINITY MAP



Reviewed for Code Compliance

PR-SFR-25-00149

Permit Number

GENERAL NOTES

- 1 ALL CONSTRUCTION SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE CODES AND STANDARDS TO INCLUDE ALL STATE LAWS AND LOCAL ORDINANCES.
- 2 DO NOT SCALE THE DRAWINGS, ACTUAL CONDITIONS ARE TO BE FIELD VERIFIED BY THE GENERAL CONTRACTOR.
- 3 DIMENSIONS SHOWN ON PLANS ARE FROM FACE OF STUDS, AND FACE OF MASONRY UNLESS SHOWN OTHERWISE. EXTERIOR WALL DIMENSIONS ARE FROM FACE OF STUD.
- 4 PROVIDE TEMPERED GLAZING AT ALL HAZARDOUS GLASS-DOOR LOCATIONS PER FBC 8th EDITION (2023)
- 5 PROVIDE GAS LINES PER LOCAL CODES & EQUIPMENT SPECS, INSTALL PER MFG. SPECS.-GC TO VERIFY IF GAS INSTALLATION WILL BE REQUIRED.
- 6 ALL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY OWNER, CONTRACTOR SHALL FURNISH ALL PLUMBING, MECH, & ELECTRICAL SYSTEMS FOR INSTALLATION OF THIS EQUIPMENT
- 7 COORDINATE ALL APPLIANCE AND PLUMBING FIXTURE OPENINGS WITH CABINETRY.
- 8 CONTRACTOR TO VERIFY WINDOW AND DOOR OPENING DIMENSIONS w/ MANUFACTURER SIZES
- 9 DOOR AND WINDOW OPENINGS THAT READ 3080, 20X40, ETC ARE 3'-0" X 8'-0", 2'-0" X 4'-0", ETC.
- 10 CONTRACTOR SHALL POST LOAD CAPACITY SIGN PER LOCAL FIRE MARSHAL
- 11 THE CONTRACTOR SHALL VERIFY ALL CONDITIONS & DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL REPORT ALL DISCREPANCIES IN THE DRAWINGS & EXISTING CONDITIONS TO THE DESIGNER BEFORE COMMENCEMENT OF WORK. THE DESIGNER'S RESPONSIBILITIES EXTEND ONLY TO CHANGING THE DRAWINGS & UP TO THE VALUE OF SAID DRAWINGS.
- 12 THE CONTRACTOR SHALL SUPPLY, LOCATE & BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS & PITCHES AS MAY BE REQUIRED TO ATTACH & ACCOMMODATE OTHER WORK.
- 13 ALL DETAILS & SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL & SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK WHERE A DIFFERENT DETAIL IS SHOWN.
- 14 DEVIATIONS FROM THESE DRAWINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND OWNER. MODIFICATIONS OF STRUCTURAL DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PROCEEDING WITH THE MODIFICATION. ALL CHANGES TO STRUCTURAL DETAILS CONSTRUCTED WITHOUT PRIOR APPROVAL OF THE ENGINEER ARE AT THE CONTRACTOR'S AND OWNER'S RISK.
- 15 IT IS THE INTENT OF THE DESIGNER THAT THIS WORK BE IN CONFORMANCE w/ ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION OVER THIS TYPE OF CONSTRUCTION & OCCUPANCY. ALL CONTRACTORS SHALL DO THEIR WORKING IN CONFORMANCE w/ ALL APPLICABLE CODES & REGULATIONS.

FLORIDA PRODUCT APPROVAL SCHEDULE

PRODUCT CATALOG	MANUFACTURER	FLORIDA PRODUCT APPROVAL NUMBER
DOORS & WINDOWS		
SEE CONTRACTORS SCHEDULE FOR SPECIFIC FLORIDA PRODUCT APPROVAL NUMBER		
CLOPAY BUILDING PRODUCTS	FL 5678J-34	
EXTERIOR SLIDING DOOR	THERMA-TRU CORPORATION	FL-41857J-2
EXTERIOR SWINGING DOOR	THERMA-TRU CORPORATION	FL-13459J-8, FL-17540J-8, FL-2046J-31, FL-2046J-17, FL-20470J-28, FL-2113J-13, 2113J-14, FL-2113J-39, FL-2113J-18, FL-2113J-23, FL-2114J-28, 23507J-20, FL-23955J-34, FL-23956J-7, FL-23957J-10, FL-26897J-14, FL-30077J-24, FL-30482J-12, FL-30925J-4, FL-35436J-24, FL-37182J-6, FL-37183J-12, FL-41856J-6
UNDERLAYMENTS/ PEEL & SEAL MEMBRANE	POLYGLASS USA	FL 5259
WOOD CONNECTORS	SIMPSON STRONG TIE	FL 9589, I0007, I0441, I0446, I0447, I0456, I0531, I0677, I0860, I0866, I1468, I1473, I1496, I3872, I3975
MISC WOOD CONNECTORS	MITER INC.	FL 17232-r7
CONCRETE LINTEL	PRO-CRETE MATERIALS CORPORATION	FL 23932J
CONCRETE LINTEL	CAST CRET	FL 158J, FL 158.2
ROOFING/ SHINGLES	GAF	FL 10124J-2, FL 31588J-2
ROOFING/ SINGLE PLY	GAF	FL 10124, FL 31588
ROOFING/ BITUMEN ROOF SYSTEM	GAF	FL 10124, FL 31588
ROOFING/ NON-STRUCTURAL METAL ROOFING	TAMKO BUILDING PRODUCTS	FL 3901
ROOFING/ VENTILATORS	LOMANCO	FL 2847, FL 3595, FL 3792, FL 3793, FL 3794, FL 17202, FL 28475, FL 29284, FL 41561
PANEL WALL/ SOFFITS	KAYCAN LTD.	FL 12192, FL 12198, FL 16299, FL 16503, FL 24564, FL 46503
PANEL WALL/ SIDING	LP BUILDING PRODUCTS	FL 9103, FL 9190, FL 38694
PANEL WALL/ SIDING	JAMES HARDIE PRODUCTS	FL 10477, FL 13192, FL 13223, FL 19901

COMPONENT & CLADDING DESIGN PRESSURE TABLE (VULT)

(I45 mph, 3 sec gust, 6.2/12 to 12/12 pitch, exposure D, height = 0 to 35 feet, Category II (enclosed) (psf))				
TRIBUTARY AREA (FT ²)	GABLE ROOF (gcpi = ±.18)	HIP ROOF (gcpi = ±.18)	WALL (gcpi = ±.18)	OVERHANG/ SOFFIT (gcpi = ±.18)
10	35.2 -87.2	27.4 -88.0	38.4 -51.35	73.6 -138.5
20	31.3 -77.4	23.6 -66.1	36.6 -48.8	67.9 -126.2
50	25.9 -64.5	19.1 -38.4	34.5 -43.4	60.4 -108.5
100	22.2 -54.6	16.8 -38.4	32.7 -39.9	54.9 -94.4
500	22.2 -54.6	16.8 -38.4	28.7 -31.9	50.9 -86.5

I. for effective area of wind speeds between those given above the load may be interpolated, otherwise use the load associated with the lower effective area

2. table values are adjusted for exposure and height

3. plus and minus signs signify pressures acting toward and away from the building surface

4. positive values act inward, negative values act outward to surface.

5. for ASD values multiply table values by (.6).

6. Values shown are worst case zones.

INSULATION & ENERGY EFFICIENCY NOTES (R401-R406)

THE BUILDING THERMAL ENVELOPE SHALL MEET THE REQUIREMENTS OF SECTIONS R402 THROUGH R402 OF THE CURRENT ENERGY CONSERVATION CODE

- 1 SEAL ALL PENETRATIONS, TEARS, SEAMS OF HOUSEWRAP.
- 2 PROVIDE FLEXIBLE SEALANT AT ALL MECHANICAL DEVICES WHERE THEY PENETRATE INSULATED ENVELOPE.
- 3 INSULATE ALL ATTIC SPACES TO R-38.
- 4 INSULATION SHALL BE INSTALLED & MARKED CLEARLY.
- 5 CEILINGS SHALL HAVE AN INSULATION LEVEL OF AT LEAST R-19 (R405.2.)
- 6 ATTIC ACCESS DOORS MUST BE WEATHERSTRIPPED & INSULATED TO A LEVEL EQUIVALENT TO THE INSULATION ON THE SURROUNDING SURFACE.
- 7 PROVIDE RIGID BACKING MATERIAL OVER INSULATION IN EXPOSED ATTIC WALLS
- 8 FLOOR INSULATION MUST BE INSTALLED TO MAINTAIN FULL CONTACT w/ UNDERLAYER OF SUBFLOOR DECKING - MAXIMUM 18" BETWEEN SUPPORTS
- 9 WALL INSULATION SHALL BE ENCLOSED ON ALL SIDES PRIOR TO BEING COVERED BY SUBSEQUENT ELEMENTS.
- 10 RECESSED LIGHT FIXTURES LOCATED IN THE THERMAL ENVELOPE SHALL BE I.C. RATED & SEALED TO SWB w/ CAULK OR GASKET

Table R301.2.1 Windborne Debris Protection Fastening Schedule for Wood Structural Panels. Reserved.

PROTECTION OF OPENINGS

EXCEPTION: WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16" (11 mm) AND A MAXIMUM SPAN OF 8' (2438 mm) SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE-AND TWO-STORY BUILDINGS. PANELS SHALL BE PRECUT AND ATTACHED TO THE FRAMING SURROUNDING THE OPENING CONSIDERING THE PROJECT WITH THE GLAZED OPENING PANELS SHALL BE SECURED TO THE ATTACHMENT HARDWARE PROVIDED. ATTACHMENTS SHALL BE DESIGNED TO RESIST THE COMPONENT AND CLADDING LOADS DETERMINED IN ACCORDANCE WITH EITHER TABLE R301.2(2) OR ASCE7, WITH THE PERMANENT CORROSION-RESISTANT ATTACHMENT HARDWARE PROVIDED AND ANCHORS PERMANENTLY INSTALLED ON THE BUILDING ATTACHMENT IN ACCORDANCE WITH TABLE R301.2.2 IS PERMITTED FOR BUILDINGS WITH A MEAN ROOF HEIGHT OF 33' (1056mm) OR LESS WHERE VULT DETERMINED IN ACCORDANCE WITH SECTION R301.2.1 DOES NOT EXCEED 130 MILES PER HOUR (56m/s).

Table R301.2.1 Windborne Debris Protection Fastening Schedule for Wood Structural Panels. Reserved.

FASTNER SPACING (INCHES)

FASTNER TYPE	PANEL SPAN ≤ 4 FEET	PANEL SPAN ≤ 6 FEET	PANEL SPAN ≤ 8 FEET
NO 8 WOOD SCREW BASED ANCHOR WITH 2" EMBEDMENT LENGTH	16	10	8
NO 10 WOOD SCREW BASED ANCHOR WITH 2" EMBEDMENT LENGTH	16	12	9
NO 14" LAG SCREW BASED ANCHOR WITH 2" EMBEDMENT LENGTH	16	16	16

FOR SI: l' = 25.4 mm, l" = 304.8 mm, 1 POUND = 4.448N, 1 MILE PER HOUR = 0.447 m/s

a. THIS TABLE IS BASED ON VULT AS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3, OF 130 MPH AND A 3' MEAN ROOF HEIGHT.

b. FASTENERS SHALL BE INSTALLED AT OPPOSING ENDS OF THE WOOD STRUCTURAL PANEL.

c. ANCHORS SHALL PENETRATE THROUGH THE EXTERIOR WALL COVERING WITH AN EMBEDMENT LENGTH OF 2 INCHES MINIMUM INTO THE BUILDING FRAME. FASTENERS SHALL BE LOCATED A MINIMUM OF 2-1/2 INCHES FROM THE EDGE OF CONCRETE BLOCK OR CONCRETE.

d. WHERE PANELS ARE ATTACHED TO MASONRY/STUCCO, THEY SHALL BE ATTACHED USING VIBRATION-RESISTANT ANCHORS HAVING A MINIMUM ULTIMATE WITHDRAWAL CAPACITY OF 1500 POUNDS.

REQUIRED SAFETY GLAZING IN HAZARDOUS LOCATIONS

R308.4 Hazardous locations. The following shall be considered specific hazardous locations requiring safety glazing materials:

1. Glazing in swinging doors except jalousies

2. Glazing in fixed and sliding panels of sliding door assemblies and panels in bifold closet door assemblies.

3. Glazing in storm doors.

4. Glazing in unframed swinging doors.

5. Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers.

Glazing in any portion of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) above a standing surface.

6. Glazing in an individual fixed or operable panel adjacent to a door where the nearest exposed edge of the glazing is within a 24-inch (610 mm) arc of either vertical edge of the door

in a closed position and where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) above the walking surface.

7. Glazing in an individual fixed or operable panel, other than in those locations described in preceding Items 5 and 6, which meets all of the following condition:

7.1 Exposed area of an individual pane greater than 9 square feet;

7.2 Exposed bottom edge less than 18 inches above the floor;

7.3 Exposed top edge greater than 36 inches above the floor; and

7.4 One or more walking surfaces) within 36 inches horizontally of the plane of the glazing.

8. Glazing in guards and railings, including structural baluster panels and nonstructural in-fill panels, regardless of area or height above a walking surface.

9. Glazing in walls and fences enclosing indoor and outdoor swimming pools, hot tubs and spas where all of the following conditions are present:

9.1 The bottom edge of the glazing on the pool or spa side is less than 60 inches above a walking surface on the pool or spa side of the glazing; and

9.2 The glazing is within 60 inches horizontally of the water's edge of a swimming pool or spa.

10. Glazing adjacent to stairways, landings and ramps within 36 inches horizontally of a walking surface; when the exposed surface of the glass is less than 60 inches above the plane of the adjacent walking surface.

II. Glazing adjacent to stairways within 60 inches horizontally of the bottom tread of a stairway in any direction when the exposed surface of the glass is less than 60 inches above the nose of the tread.

BUILDING CODES

2023 FLORIDA BUILDING CODE, 8th EDITION, RESIDENTIAL

2023 FLORIDA BUILDING CODE, 8th EDITION, BUILDING

2023 FLORIDA BUILDING CODE, 8th EDITION, ENERGY

2023 FLORIDA BUILDING CODE, 8th EDITION, TEST PROTOCOL

2023 FLORIDA BUILDING CODE, 8th EDITION, PLUMBING

2023 FLORIDA BUILDING CODE, 8th EDITION, MECHANICAL

2023 FLORIDA BUILDING CODE, 8th EDITION, EXISTING BUILDING

2023 FLORIDA BUILDING CODE, 8th EDITION, FUEL GAS

2023 FLORIDA BUILDING CODE, 8th EDITION, ACCESSIBILITY

2023 FLORIDA FIRE PREVENTION CODE

NEC 2020 NATIONAL ELECTRICAL CODE-NFPA 70 FAIR HOUSING GUIDELINES

TO THE BEST OF THIS DESIGNER'S KNOWLEDGE, ENCLOSED PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE MINIMUM FIRE SAFETY STANDARDS AS DETERMINED IN ACCORDANCE WITH CHAPTERS 553 AND 633, LAWS OF FLORIDA.

THIS DRAWING & DESIGN IS VALID FOR 12 MONTHS AFTER IT IS SIGNED & SEALED.

<p

DOOR SCHEDULE				
	(WxH)	SWING	NOTES	QTY
1	(2) 3'-0" X 6'-8"	(I) LH (I) RH	ENTRY DOOR	1
2	12'-0" X 8'-8"	-	SLIDING GLASS DOOR-TEMPERED	1
3	2'-6" X 6'-8"	RH	EXTERIOR FULL LITE DOOR	1
4	2'-6" X 6'-8"	RH	INTERIOR DOOR	4
5	(2) 3'-0" X 6'-8"	(I) LH (I) RH	BIFOLD INTERIOR DOOR	2
6	(2) 2'-0" X 6'-8"	(I) LH (I) RH	BIFOLD INTERIOR DOOR	1
7	1'-6" X 6'-8"	LH	INTERIOR DOOR	1
8	2'-6" X 6'-8"	RH	INTERIOR DOOR	1
9	(2) 2'-0" X 6'-8"	(I) LH (I) RH	FULL LITE GLASS POCKET DOOR	1
10	2'-0" X 6'-8"	LH	PANTRY DOOR	1
11	(2) 3'-0" X 6'-8"	(I) LH (I) RH	SERVICE DOOR	1
22				

WINDOW SCHEDULE				
	(WxH)	HEAD	TYPE	QTY
A	36" X 60"	6'-6"	SINGLE HUNG	5
B	48" X 18"	6'-6"	FIXED GLASS	2
C	60" X 18"	6'-6"	FIXED GLASS	1
D	48" X 12"	6'-6"	FIXED GLASS	1

Reviewed for Code Compliance

Permit Services

8/4/2025

Permit No. 00140

Issued Date

Permit Services

2025.07.09

Permit No. 00140

Issued Date

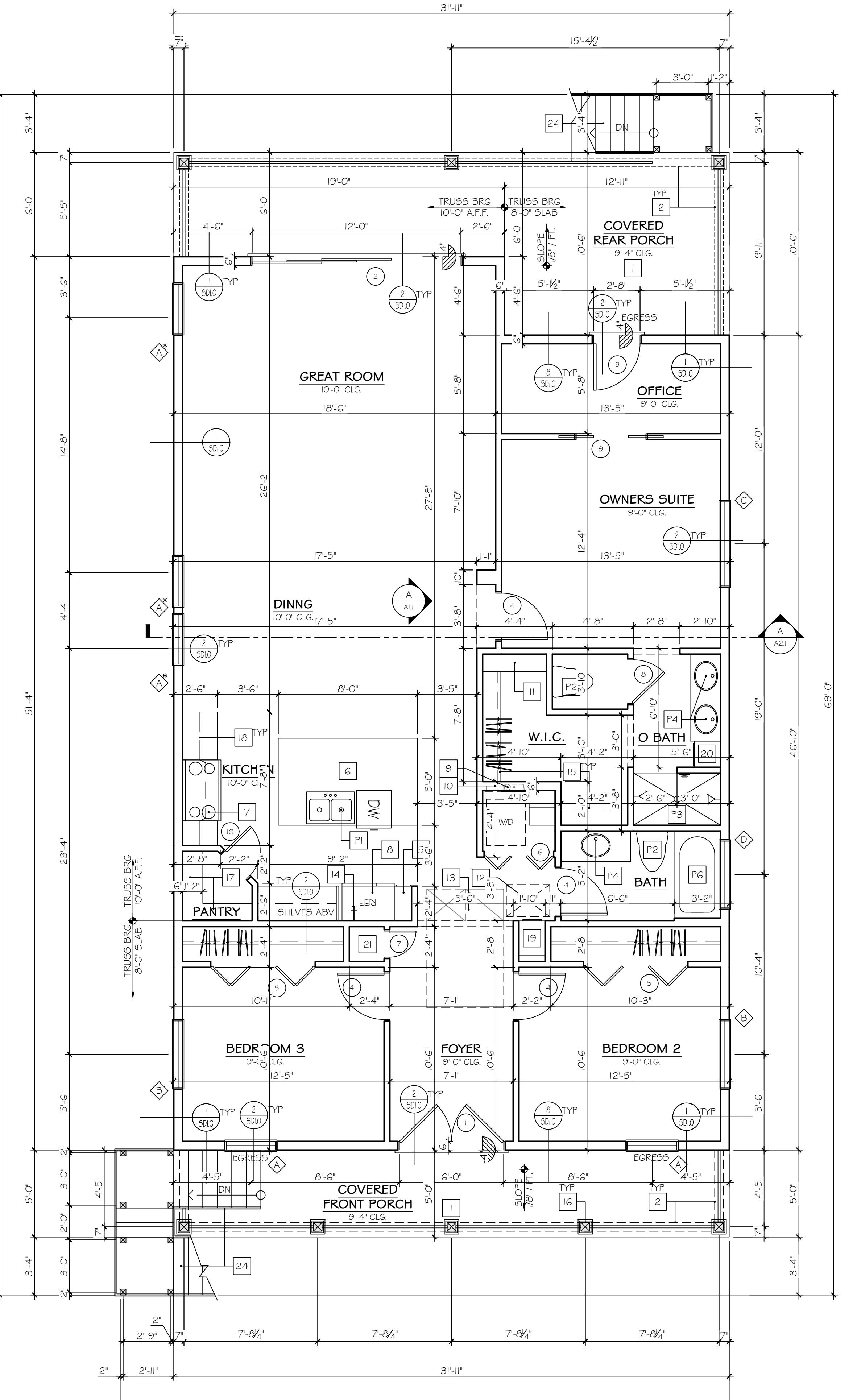
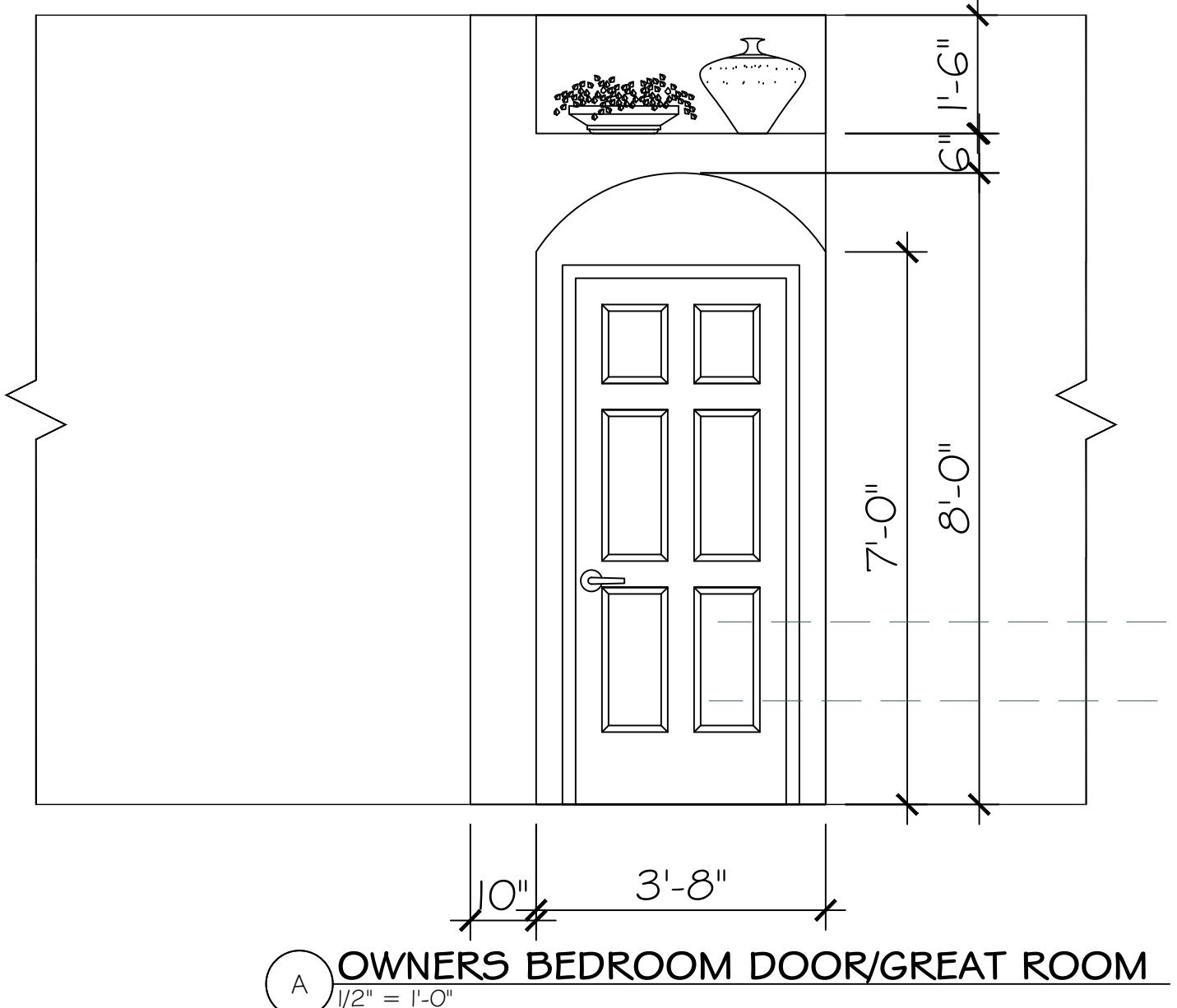
Per

DOOR SCHEDULE				
	(WxH)	SWING	NOTES	QTY
1	(2) 3'-0" X 6'-8"	(I) LH (I) RH	ENTRY DOOR	1
2	12'-0" X 8'-8"	-	SLIDING GLASS DOOR-TEMPERED	1
3	2'-6" X 6'-8"	RH	EXTERIOR FULL LITE DOOR	1
4	(2) 3'-0" X 6'-8"	RH (3) RH	INTERIOR DOOR	4
5	(2) 3'-0" X 6'-8"	(2) 1/2" BIFOLD INTERIOR RH	DOOR	2
6	(2) 2'-0" X 6'-8"	(I) LH(R) RH	BIFOLD INTERIOR DOOR	1
7	1'-6" X 6'-8"	LH	INTERIOR DOOR	1
8	2'-6" X 6'-8"	RH	INTERIOR DOOR	1
9	(2) 2'-0" X 6'-8"	(I) LH(R) RH	FULL LITE GLASS POCKET DOOR	1
10	2'-0" X 6'-8"	LH	PANTRY DOOR	1
11	(2) 3'-0" X 6'-8"	(I) LH(R) RH	SERVICE DOOR	1
22				

WINDOW SCHEDULE				
	(WxH)	HEAD	TYPE	QTY
A	36" X 60"	6'-6"	SINGLE HUNG	5
B	48" X 18"	6'-6"	FIXED GLASS	2
C	60" X 18"	6'-6"	FIXED GLASS	1
D	48" X 12"	6'-6"	FIXED GLASS	1

* w/ EMERGENCY EGRESS. 4 SF OPENING | 2G' HEIGHT, 20' WIDTH | 5 SF TOTAL GLAZING

NOTE:
ALL WINDOWS TO BE IMPACT RESISTANT
ALL WINDOWS TO HAVE CHILD SAFETY LOCKS



UPPER FLOOR PLAN

GENERAL NOTES

- 1 OPENING PROTECTION: OPENINGS BETWEEN THE GARAGE & RESIDENCE SHALL BE EQUIPPED w/ SOLID WOOD DOORS NOT LESS THAN 1-3/8" IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1-3/8" THICK, OR 20-MINUTE FIRE RATED DOOR PER FBCR 2023 8TH EDITION
- 2 PER FBCR 2023 8TH EDITION (R308.4.5) GLAZING IN WALLS, ENCLOSURES OR FENCES CONTAINING OR FACING HOT TUBS, SPAS, WHIRLPOOLS, SUANAS, STEM ROOMS, BATHTUBS, SHOWERS, & INDOOR OR OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" MEASURED VERTICALLY ABOVE AND STANDING OR WALKING SURFACE, SHALL BE CONSIDERED A HAZARDOUS LOCATION. G.C. TO VERIFY IF OWNER SELECTS ANY OF THESE ITEMS LISTED, IF ANY OF THESE ITEMS LISTED IS INSTALLED, SUCH GLAZING FACING THOSE ITEMS TO BE TEMPERED.
- 3 EGRESS WINDOW: WINDOWS LABELED AS "EGRESS" ON THE DRAWINGS MUST MEET THE MIN. BUILDING CODE REQUIREMENTS, G.C. TO VERIFY EGRESS WINDOW SIZES w/ WINDOW MANUFACTURER. SIZES SHOWN ON DRAWINGS MAY VARY FROM MANUFACTURER SIZES.
- 4 EACH BEDROOM, IF THERE IS NO ACCESS TO EXTERIOR THROUGH A DOOR, MUST HAVE ONE WINDOW WHICH COMPLIES WITH EGRESS CODES, THE WINDOW SHALL HAVE A MAXIMUM SILL HEIGHT OF 44" A.F.F. OF ROOM SERVICED.
- 5 WINDOWS IN ROOMS WITH A FINISHED FLOOR 72" OR GREATER ABOVE GRADE FINISHED SHALL HAVE A MINIMUM SILL HEIGHT OF 24" A.F.F. OF ROOM SERVICED.
- 6 **R310.2** EMERGENCY AND ESCAPE RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7 SQUARE FEET (0.530 M²). THE NET CLEAR OPENING DIMENSIONS REQUIRED BY THIS SECTION SHALL BE OBTAINED BY THE NORMAL OPERATION OF THE EMERGENCY ESCAPE AND RESCUE OPENING FROM THE INSIDE. THE NET CLEAR HEIGHT OPENING SHALL BE NOT LESS THAN 24 INCHES (60 MM) AND THE NET CLEAR WIDTH SHALL BE NOT LESS THAN 20 INCHES (500 MM).
- 7 VIF STEPS, TBD BASED ON GRADE. PROVIDE RAILINGS AS REQUIRED BY CODE. ALL STAIRS, HAND RAILING/GUARD RAILING SHALL COMPLY w/ R-311.7, R311.8.3 & R-312.1-R312.1.4

LEGEND

- 2X4 FRAMED NON BEARING INTERIOR WALLS @ 16" O.C. (U.N.O.) & 2X6 EXTERIOR WALLS @ 16" O.C.
- 2X4 FRAMED INTERIOR BEARING WALLS 16" O.C. (U.N.O.)
- CMU WALL
- 16x16 PILING
- INDICATES STEP DOWN AND MEASUREMENT
- 6X6 P.T. POST
- NOTE: ALL NEW CONCRETE BLOCK WALLS SHALL BE CONSTRUCTED AS SHEAR WALLS
- FILLED CELLS NOTE:
FILLED CELLS NEXT TO ALL OPENINGS, UNDER ALL GIRDERS, @ ALL CORNERS, AND 48" O.C. MAXIMUM. CONTRACTOR TO VIF FILLED CELLS-TYP
- ALL ANGLES ARE 45 DEGREES U.O.N
- REFER TO ROOF FRAMING PLAN FOR ADDITIONAL FRAMING INFORMATION

STAIR DATA

- I7 RISERS @ 7-3/4" H. MAX
- I6 TREADS @ 10" MIN w/ NOSING
- USE 16" FLOOR SYSTEM w/ 3/4" PLYWOOD SUBFLOOR, VIF

NOTE:

ALL CONSTRUCTION MATERIAL BELOW FLOOD ELEVATIONS SHALL BE FLOOD RESISTANT PER FBC RESIDENTIAL 8TH EDITION, SECTION R322.1.8 AND FEMA TB.2

FLOOR PLAN KEYNOTES

- 1 PROVIDE 3/8" MIN CDX PLYWOOD TO CEILING USING 8d RING SHANK NAILS 4" O.C. PRIOR TO APPLICATION OF CEILING FINISH OR APPLY STRUCTURAL RATED FINISH CEILING
- 2 LINE OF FLAT BEAM/SOFFIT ABOVE, BOTTOM AT 8'-0" A.F.F.
- 3 16X16" MASONRY COLUMN FILLED SOLID w/ #5 BARS CONTINUOUS FROM FOOTING TO LINTEL @ TOP. SEE SHEET SLO FOR ADDITIONAL INFORMATION
- 4 5/8" TYPE X GYP. BD. AT CEILINGS UNDER LIVING SPACE & AT CEILINGS UNDER STAIRS
- 5 12" PULLOUT PANTRY (TPPI22496) OR SIMILAR
- 6 36" H. FLUSH BAR TOP OVER BASE CABINETS
- 7 40"-48" COOKTOP/RANGE w/ MICRO/HOOD ABV
- 8 24" DEEP CABINET ABOVE REF.
- 9 DRYER VENT TO EXT.
- 10 HANSEN BOX
- II 12" DP OPEN (5) SHELVES
- 12 22" X 30" MIN ATTIC PULL DOWN ACCESS, VIF LOCATION
- 13 AIR HANDLER UNIT IN ATTIC. VIF LOCATION.
- 14 PROVIDE LINE AT ICEMAKER
- 15 ROD & SHELF
- 16 GXG POST w/ DECORATIVE COLUMN WRAP PER OWNER SPECS. SEE ELEVATIONS
- 17 PANTRY CLOSET (5) SHELVES 14" DEEP ON ONE SIDE TO ACCOMADATE SMALL APPLIANCES
- 18 UPPER WALL CABINETS
- 19 LINEN CABINET(VUI82196)
- 20 LINEN CABINET(VUI51896)
- 21 BROOM CLOSET
- 22 INSTALL ELECTRICAL PANEL, METER, CABLE & PHONE & OTHER UTILITIES PER CODE REQUIREMENTS. VIF LOCATION OF UTILITY SERVICES. ALL MECHANICAL, FIXTURES, AND PLUMBING EQUIPMENT, FIXTURES, AND APPLIANCES MUST BE RAISED ABOVE THE DFE - WATER HEATERS, CONDENSERS, PANELS, ELECTRICAL METERS, ETC.
- 23 AIR CONDITIONER CONDENSER MOUNTED @ DFE = 10". *ALL MECHANICAL EQUIPMENT MUST BE APPROPRIATELY SHIELDED FROM PUBLIC VIEW WITH MATERIALS INCLUDING, BUT NOT LIMITED TO LOUVERS, LATTICE AND THE LIKE.
- 24 VIF STEPS TBD BASED ON GRADE. PROVIDE RAILINGS AS REQUIRED BY CODE. STAIRS, HAND RAILING/GUARD RAILING SHALL COMPLY w/ R-311.7, R311.8.3 & R-312.1-R312.1.4
- 25 TANKLESS WATER HEATER, VIF LOCATION *NO ELECTRICAL, PLUMBING OR MECHANICAL SYSTEMS SHALL BE INSTALLED BELOW DFE PER FBC 2023 EDITION 8TH EDITION 2023 SECTION R310.2.1.4
- 26 TANKLESS WATER HEATER, VIF LOCATION *NO ELECTRICAL, PLUMBING OR MECHANICAL SYSTEMS SHALL BE INSTALLED BELOW DFE PER FBC 2023 EDITION 8TH EDITION 2023 SECTION R310.2.1.4
- 27 *SMART VENT 1540-510 OR EQUAL ICC-ES CERTIFIED TO VENTILATE 200 S.F. OF FLOOR AREA (ESR-2074 2/11)

KELLY E. LYONS
LICENSE No. 56191
STATE OF FLORIDA
PROFESSIONAL ENGINEER

To the best of the Engineers knowledge & belief,
the building complies with the Florida Building
Code Residential 2023 Edition, Section R310.2.1.
*No electrical, plumbing or mechanical
systems shall be installed below DFE per
FBC 2023 Edition 8th Edition 2023 Section
R310.2.1.4

This drawing & design is valid for 12
months after it is signed & sealed.

PLANS ARE SIGNED & SEALED FOR THE
STRUCTURAL PORTION OF THE DRAWING ONLY.

ALL TECH STRUCTURAL
ENGINEERING
IB-9333
ENGINEER:
KELLY E.
LYONS
PE #56191
2121 BEAKRS AVE.
TAMPA, FL 33618
PHONE #813-247-7400

REV DATE DESCRIPTION

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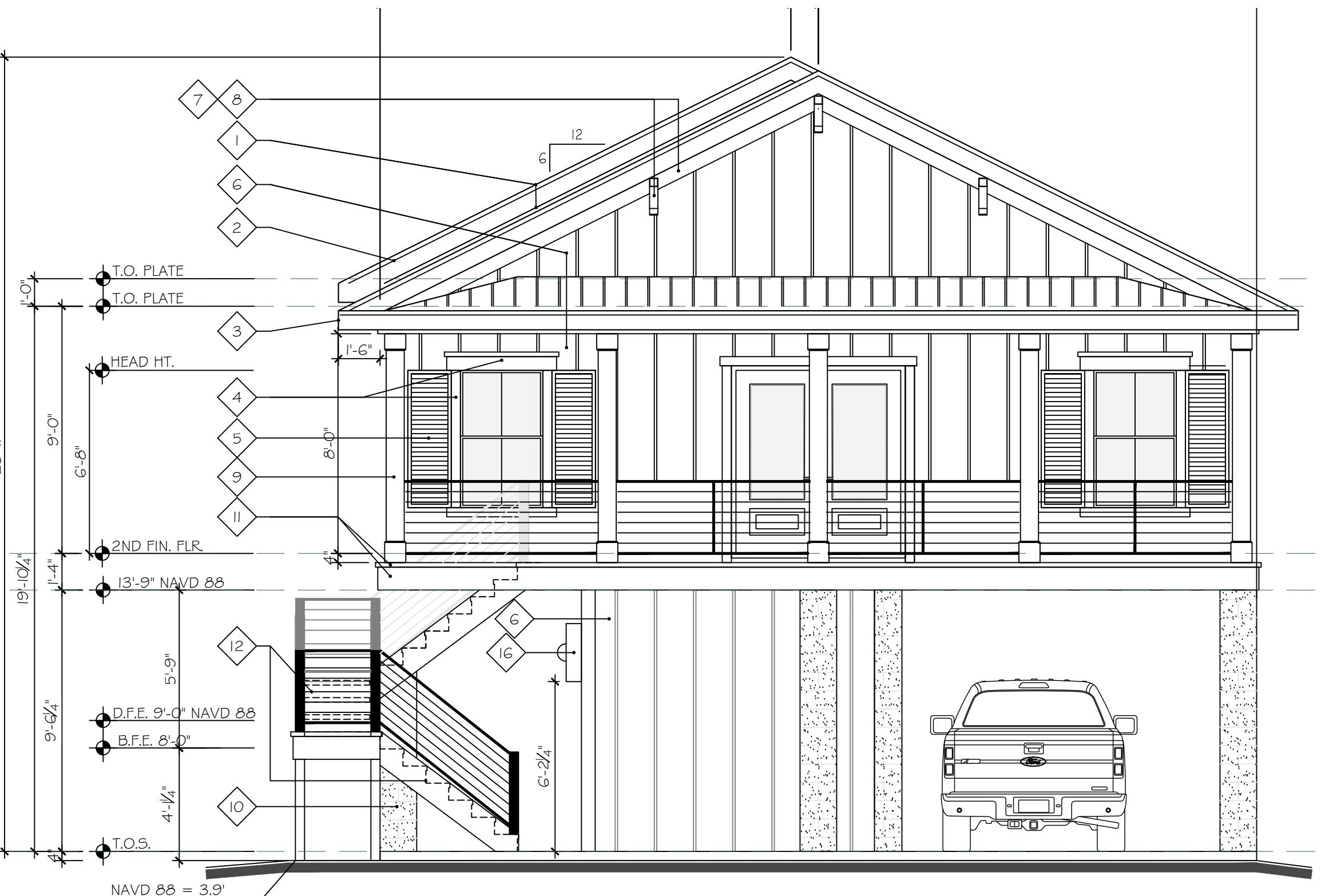
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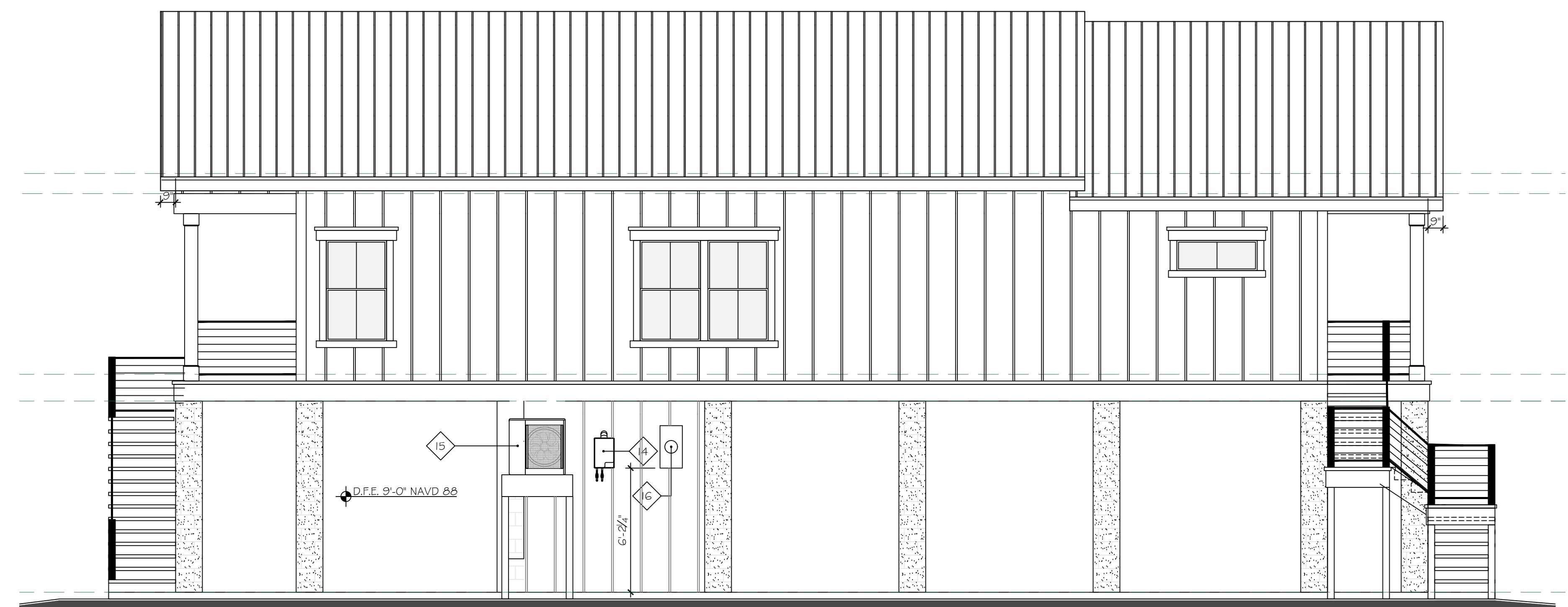
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FRONT ELEVATION

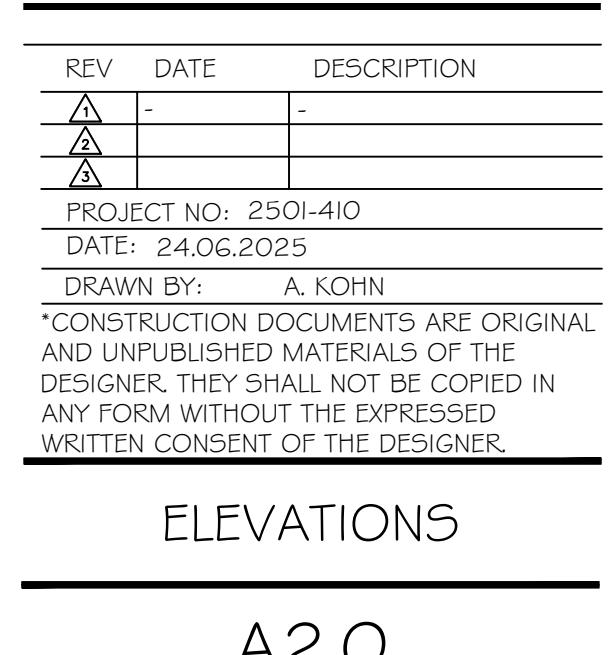


LEFT ELEVATION

KEYNOTES	
1	METAL STANDING SEAM ROOF. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
2	IX2 SHINGLE MOLD.
3	5/4 X 8 OR 5/4 X 10 PRIMETRIM FASCIA OR IX8 WOOD FASCIA w/ 2X6 SUBFASCIA -TYP
4	1" X 4" TRIM BOARD @ SIDES OF WINDOWS/ DOORS w/ IX2 ATOP IX6 TOP TRIM BOARD -TYP
5	DECORATIVE SHUTTERS PER OWNER SPECS
6	BOARD & BATTEN SIDING w/ 6" TRIM @ CORNERS U.O.N. -TYP.
7	DECORATIVE BRACKET
8	6" RAISED BANDING (+1")
9	8" SQ. DECORATIVE COLUMN WRAP OVER 6" X 6" POST w/ ABU 66 @ BASE & (1) CSIG TO BEAM ABOVE.
10	16"X16" MASONRY COLUMN FILLED SOLID w/ (4) #5 BARS CONTINUOUS FROM FOOTING TO LINTL @ TOP. SEE SHEET SLO FOR ADDITIONAL INFORMATION
11	2X STOOL BOARD, SLOPED TO DRAIN w/ IX10 APRON BOARD BELOW STOOL BOARD
12	VIF STEPS TBD BASED ON GRADE. PROVIDE RAILINGS AS REQUIRED BY CODE. STAIRS, HAND RAILING/ GUARD RAILING SHALL COMPLY w/ R-311.7, R311.8.3 & R-312.1-R312.1.4
13	12" HARDIE BOARD TRIM
14	TANKLESS WATER HEATER, VIF LOCATION. NO ELECTRICAL PLUMBING OR MECHANICAL SYSTEMS SHALL BE INSTALLED BELOW DFE PER FEMA TECHNICAL BULLETIN 2 AUGUST 2008.
15	AIR CONDITIONER CONDENSER MOUNTED @ DFE = 10'. ALL MECHANICAL EQUIPMENT MUST BE APPROPRIATELY SHIELDED FROM PUBLIC VIEW WITH MATERIALS INCLUDING, BUT NOT LIMITED TO LOUVERS, LATTICE AND THE LIKE.
16	INSTALL ELECTRICAL PANEL, METER, CABLE & PHONE & OTHER UTILITIES PER CODE REQUIREMENTS & MANUFACTURER SPECIFICATIONS. VIF LOCATION OF UTILITY SERVICES. ALL MECHANICAL, ELECTRICAL, GAS, AND PLUMBING EQUIPMENT, FIXTURES, AND APPLIANCES MUST BE RAISED ABOVE THE DFE - WATER HEATERS, CONDENSERS, PANELS, ELECTRICAL METERS, ETC.

ELEVATION NOTES

- CONTRACTOR TO VERIFY ALL WINDOW & DOOR STYLES & SIZES w/ OWNER PRIOR TO CONSTRUCTION.
- VIF STEPS TBD BASED ON GRADE. PROVIDE RAILINGS AS REQUIRED BY CODE. STAIRS, HAND RAILING/ GUARD RAILING SHALL COMPLY w/ R-311.7, R311.8.3 & R-312.1-R312.1.4
- GROUND LINES SHOWN FOR REFERENCE ONLY & VARY DEPENDING ON SITE CONDITIONS.
- ALL FINISH MATERIALS TO BE VERIFIED w/ OWNER PRIOR TO CONSTRUCTION.
- REFER TO TYPICAL WALL DETAIL FOR FRAMING METHODS & OTHER MISC. INFORMATION.
- CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS REQD BY CURRENT CODES.
- PROVIDE CONTROL JOINTS PER ASTM C-1063-03.7.1.4.1 AREAS w/ NO MORE THAN 144 SQ.FT. BETWEEN CONTROL JOINTS.



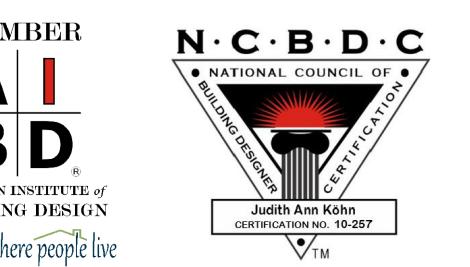
CAMPALONG RESIDENCE

206 11TH AVE

INDIAN ROCKS BEACH | FL | 33785



DESIGNS FOR LIVING
JUDITH ANN KOHN, CPBD, AIBD
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Permit Number:

8/4/2025 Issued Date

Permit Holder:

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727.490.9459

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DESIGNS FOR LIVING

ONTWERPE STUDIO, LLC

MEMBER

N.C.B.D.C.

AMERICAN INSTITUTE OF BUILDING DESIGN

Creating where people live

CERTIFICATION NO. 10-237

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PRINTED ON 06/24/2025

BY JUDITH ANN KOHN

ON TWENTY FIVE

<p

SECTION 1, TOWNSHIP 30 SOUTH, RANGE 14 EAST, PINELLAS COUNTY, FLORIDA.

TOPOGRAPHIC SURVEY

WITH TREE LOCATION

LEGAL DESCRIPTION:

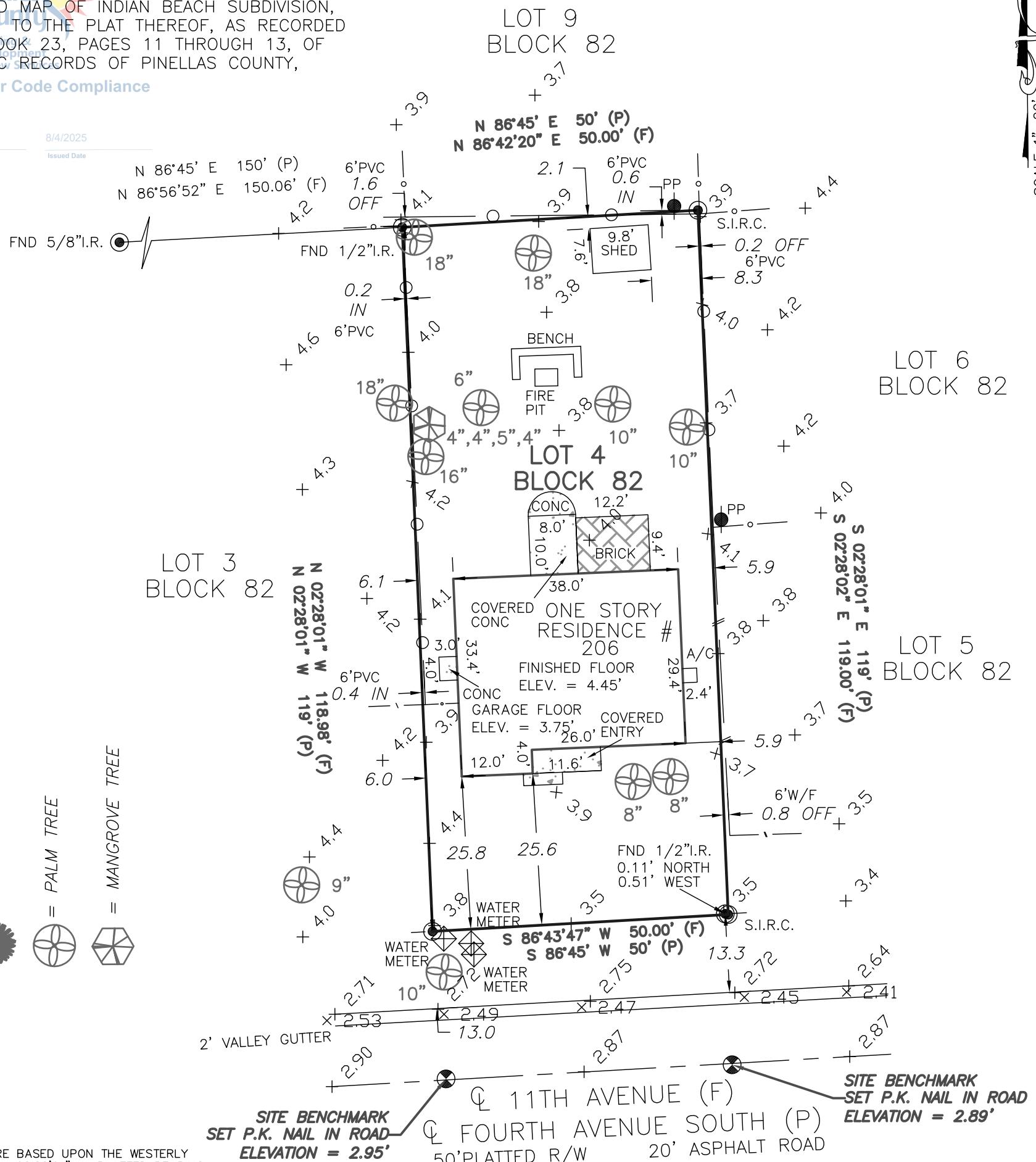
LOT 4, BLOCK 82, FIRST ADDITION TO
RE-REVISED MAP OF INDIAN BEACH SUBDIVISION,
ACCORDING TO THE PLAT THEREOF, AS RECORDED
IN PLAT BOOK 23, PAGES 11 THROUGH 13, OF
THE PUBLIC RECORDS OF PINELLAS COUNTY,

FLORIDA
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Issued Date



NOTES:

- NOTES:**

 - 1) BEARINGS ARE BASED UPON THE WESTERLY LINE LOT 4, N 02°28'01" W, PLATTED BEARING
 - 2) PROPERTY APPEARS TO BE IN FLOOD ZONE "AE" (BFE 8')
PANEL #12103C-0113 SUFFIX "H"
ACCORDING TO NATIONAL FLOOD INSURANCE RATE MAP. REVISED 8-24-2021
 - 3) ELEVATIONS ARE BASED ON NAVD '88 DATUM
 - 4) ALL MEASUREMENTS ARE IN U.S. FEET
 - 5) THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE, THEREFORE, THERE MAY BE OTHER EASEMENTS, RIGHT-OF-WAY, SETBACK LINES, AGREEMENTS, RESERVATIONS, OR OTHER SIMILAR MATTERS OF PUBLIC RECORD, NOT DEPICTED ON THIS SURVEY
 - 6) FENCE LOCATION DOES NOT DETERMINE OWNERSHIP, OFF MEANS THE FENCE IS OFF OF THE PROPERTY, IN MEANS FENCE IS INSIDE THE PROPERTY.

EL E V A T I O N = 2.95'

**ELEVATIONS DERIVED FROM DEPT. OF TRANSPORTATION
G.P.S. NETWORK SYSTEM FTP SITE. N.A.V.D. DATUM.**

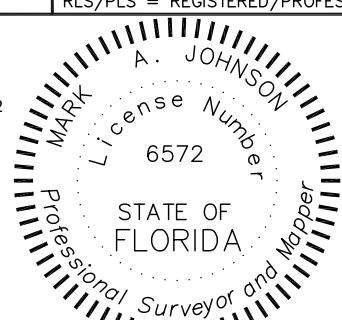
Certificate of Authorization "LB #6945"

LEGEND:	PVC = PLASTIC VINYL FENCE	ASPH = ASPHALT
A/C = AIR CONDITIONER	PCP = PERMANENT CONTROL POINT	
(C)=CALCULATED	I.P. = IRON PIPE	(R)= RADIAL
CLF=CHAIN LINK FENCE	I.R. = IRON ROD	FHD = FIRE HYDRANT
C.M. = CONCRETE MONUMENT	LB = LICENSED BUSINESS	FND = FOUND
CONC = CONCRETE	O.U. = OVER HEAD UTILITY	(N/R) = NON-RADIAL
CSW = CONCRETE SIDEWALK	P.K. = PARKER KRYLON	(TYP)= TYPICAL
(D) = DEED MEASUREMENT	(P) = PLAT	W/F = WOOD FENCE
(F) = FIELD MEASURED	PP = POWER POLE	S.P.K.D. = SET P.K. NAIL
NO. I.D.= NO IDENTIFICATION	R/W = RIGHT-OF-WAY	& DISK LB#6945
PRM = PERMANENT REFERENCE	MONUMENT	S.I.R.C. = SET 5/8" I.R.
PSM = PROFESSIONAL SURVEYOR AND MAPPER		• CAP LR#6045
RLS/PIS = REGISTERED/PROFESSIONAL LAND SURVEYOR		

CERTIFIED TO:

Mark A
Johnson

MARK A. JOHNSON
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA REGISTRATION NUMBER 6572
NOT VALID WITHOUT THE ELECTRONIC
SIGNATURE AND SEAL OF A FLORIDA
LICENSED SURVEYOR AND MAPPER



CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE
UNDER MY RESPONSIBLE CHARGE AND MEETS THE
FLORIDA STANDARDS OF PRACTICE AS SET FORTH BY
THE BOARD OF PROFESSIONAL LAND SURVEYORS. THE
SEAL AND UNIQUE SIGNATURE APPEARING ON THIS
DOCUMENT IS AUTHORIZED BY MARK A. JOHNSON PSM
6572 AND IS COMPLIANT WITH F.S.61G17-7.0025(3)

(a) (b) (c) (d)

(a)	(b)	(c)	(d)
FIELD WORK BY:	JOSH	DATE: 2-25-2025	F.B. / PG. 3 / 52
DRAFTED BY:	R.P.	DATE: 2-25-2025	ICR # 25-136

DON WILLIAMSON
&
ASSOCIATES, INC.
PROFESSIONAL SURVEYORS
&
MAPPERS LB # 6945
020 GUNN HIGHWAY SUITE 220 A
TAMPA, FL 33624
(813) 265-4795
FAX (813) 264-6062
WWW.DWILLIAMS.COM



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LAB LEGEND

ES I-#5 VERTICAL REBAR IN GROUTED FILLED CELL IN NEW 8" WALL(SHEAR WALL SECTION). FILL SOLID FROM FTG TO TIE

USE 8" Ø TIP PILES INSTALLED PER SOILS REPORT
ED BY GULF COAST TESTING LABORATORY INC. AS REQUIRED
TO ACHIEVE 20 TON GRAVITY CAPACITY AND 4 TON UPLIFT CAPACITY
AT EMBEDMENT PER SOILS ENGINEER

PILE CAP

GRADE BEAM

OOK INTO BEAM ABOVE & FOOTING BELOW. PROVIDE 25" CES OCCUR. AND WIRE TOGETHER.

D ALL CORNERS, NEXT TO ALL OPENINGS, UNDER ALL GIRDERS,
D 48" O.C. MAXIMUM.
F ALL EXISTING FILLED CELLS -TYP

E NOTES

CH TIP DIAMETER INSTALLED PER GEOTECHNICAL ENGINEERS
TO ACHIEVE MINIMUM OF 20 TON COMPRESSION CAPACITY
PLIFT CAPACITY & 1 TO 2 TON LATERAL CAPACITY @ 1 INCH
. PILES SHALL BE DRIVEN UNDER THE CONTINUOUS
QUALIFIED GEOTECHNICAL TECHNICIAN OR ENGINEER. ALL
BE SOUTHERN YELLOW PINE PRESSURE TREATED FOR
UND USE. REFER TO GEOTECHNICAL REPORT BYGULF COAST
Y, INC. FOR ALL ADDITIONAL INFORMATION AND

ELEVATOR EQUIPMENT NOTES

T IS ABOVE DFE IN SHAFT ABOVE TOP LANDING.
T (INCLUDING RAILS) SHALL BE ANCHORED TO RESIST FLOOR
EQUIPPED w/ CONTROLS TO PREVENT CAB FROM DESCENDING

FOUNDATION NOTES

- NDATION DESIGN IS BASED ON STRUCTURAL ENGINEER
THE GEOTECHNICAL REPORT FOR THE REQUIREMENTS OF
E PREPARATION.
TO BE 8" MIN TIP DIAMETER TIMBERS DRIVEN TO A 20 TON
LE BEARING CAPACITY.
CAPS TO BE 24"X24"X24" U.N.O. MIN.

E BEAMS TO BE 16" WIDE BY 16" DEEP U.N.O. MIN.

ON GRADE SLABS TO BE FLOATING & DETACHED FROM PILE
GRADE BEAMS.
UT CONTROL JOINTS IN THE SLAB ON GRADE FLOOR SLAB

LL BE STRIPPED OF ALL VEGETATION AND ORGANIC MATTER.
ON SHALL EXTEND TO FIRM NATIVE SOIL MATERIALS. ALL FILL
ALL BE PLACED IN 6" LIFTS AND COMPAKTED TO 95% MAX.
TEST SHALL BE REQUIRED FOR FILLS IN EXCESS OF 12".
SHALL BE TREATED TO EXTERMINATE SUBTERRANEAN
AND OTHER PESTS.
MIL. POLYETHYLENE VAPOR BARRIER BELOW ALL SLABS ON
APE ALL JOINTS AND AROUND ALL PENETRATIONS.
RETE SHALL ACHIEVE A MINIMUM STRENGTH OF 3,000 psi
LL COMPLY w/ ACI-301 "SPECIFICATIONS FOR STRUCTURAL
E FOR BUILDINGS" AND ACI-318 "BUILDING CODE
MENTS FOR REINFORCED CONCRETE".
D STEEL REINFORCING BARS SHALL CONFORM TO ASTM
ADE 40, AND BE INSTALLED IN ACCORDANCE w/ THE
E REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD
TEEL ANCHOR BOLTS w/ HEX NUTS AND FLAT WASHERS TO
w/ ASTM A-307, GRADE "a", IN SIZES AND CONFIGURATIONS
0.
N MORTAR FOR EXTERIOR ABOVE GRADE LOAD BEARING AND
D BEARING WALLS.
DR UNIT MASONRY SHALL COMPLY w/ ASTM C-476 AND SHALL
E PROPER CONSISTENCY WHICH WILL COMPLETELY FILL ALL
NTENDED TO RECEIVE GROUT. PROVIDE CLEANOUT HOLES IN
T COURSE OF ALL CELLS TO RECEIVE GROUT. GROUT SHALL
A MINIMUM STRENGTH OF 3,000 psi.
E MASONRY UNITS SHALL BE NORMAL WEIGHT HOLLOW LOAD
BLOCK CONFORMING TO ASTM C-90.

A circular license seal with a dotted border. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "FLORIDA" at the bottom. The inner circle contains "KELLY E. LYONS" at the top, "LICENSEE" in the middle, and "No 56191" at the bottom. There are four stars, one in each quadrant of the inner circle.

This item has been
electronically signed and
sealed by Kelly E. Lyons PE
using a Digital Signature and

ng a Digital Signature and
date.
Printed copies of this
ument are not considered
gned and sealed and the
ature must be verified on
any electronic copies.

Kelly E. Lyons
025.07.09
3:34:54
04'00'

REV	DATE	DESCRIPTION
1	-	-

2		
3		
PROJECT NO: 2501-410		

DATE: 24.06.2025

DRAWN BY: A. KOHN

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ANY FORM WITHOUT THE EXPRESSED
WRITTEN CONSENT OF THE DESIGNER.

LINTEL PLAN-SLAB ON

ENTREPRENEURIAL GRADE

SI.0

INTEL PLAN / SLAB ON GRADE

SI.0



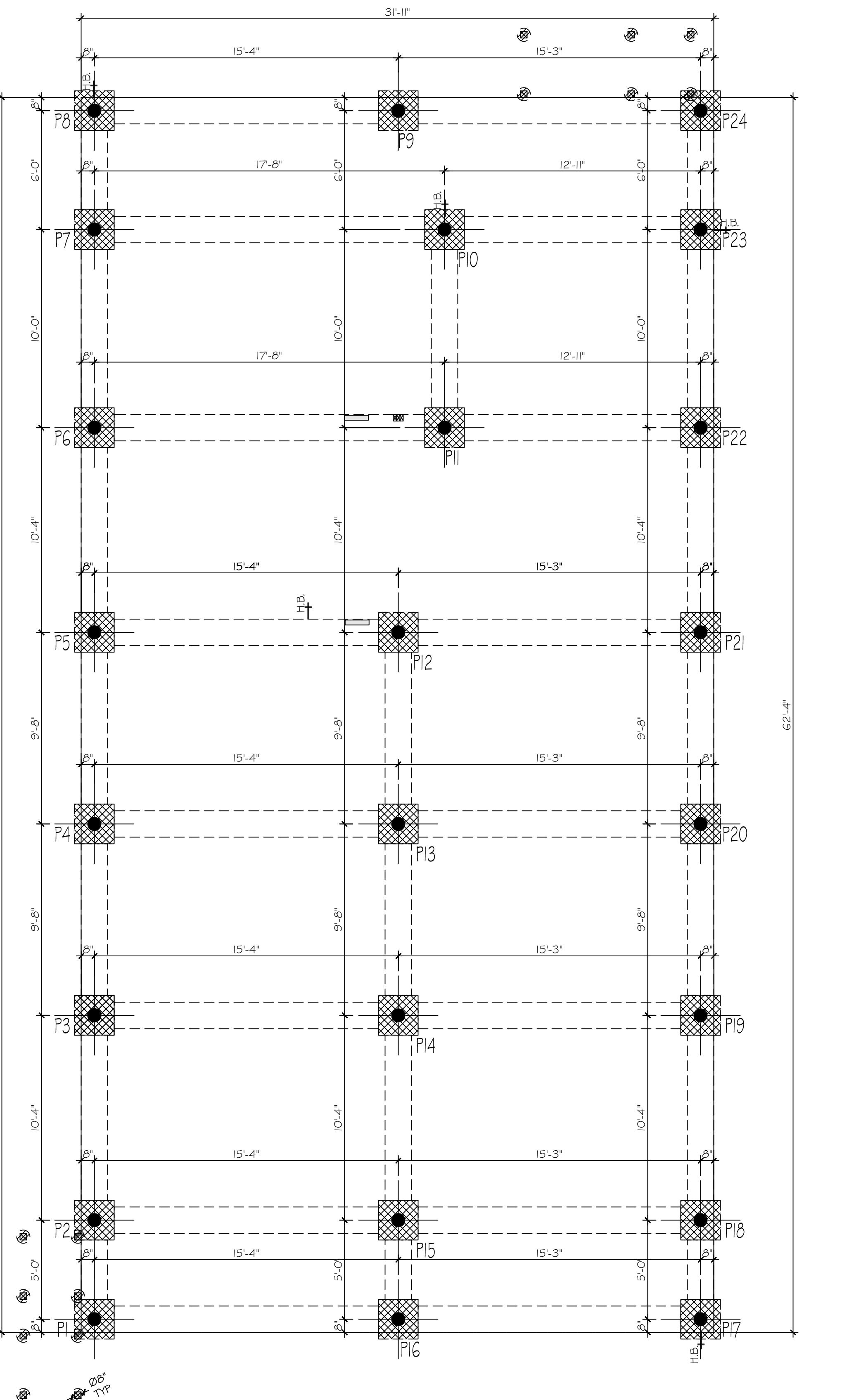
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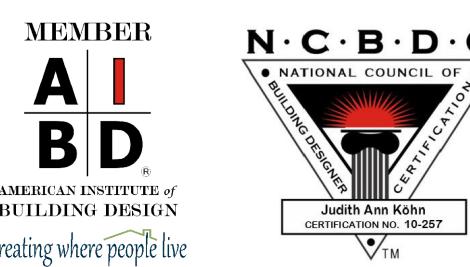
GRADE BEAM & PILE PLAN

SLAB LEGEND

	INDICATES I-#5 VERTICAL REBAR IN GROUTED FILLED CELL IN NEW 8" CMU WALL(SHEAR WALL SECTION). FILL SOLID FROM FTG TO TIE BEAM
	PILE = P# USE 8" Ø TIP PILES INSTALLED PER SOILS REPORT PREPARED BY GULF COAST TESTING LABORATORY INC. AS REQUIRED TO ACHIEVE 20 TON GRAVITY CAPACITY AND 4 TON UPLIFT CAPACITY AT 20 FT EMBEDMENT PER SOILS ENGINEER
	TYPICAL PILE CAP
	TYPICAL GRADE BEAM
NOTE: VERT. REINF. SHALL HOOK INTO BEAM ABOVE & FOOTING BELOW. PROVIDE 25" MIN. LAP WHERE SPLICES OCCUR, AND WIRE TOGETHER.	
FILLED CELLS NOTE: FILLED CELLS NEXT TO ALL CORNERS, NEXT TO ALL OPENINGS, UNDER ALL GIRDERS, @ ALL CORNERS, AND 48" O.C. MAXIMUM. *CONTRACTOR TO VIF ALL EXISTING FILLED CELLS -TYP	



DESIGNS FOR LIVING

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PILE NOTES

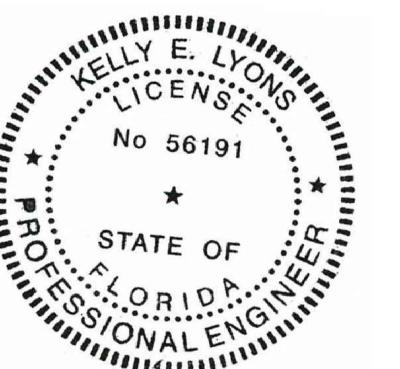
PILES SHALL BE 8 INCH TIP DIAMETER INSTALLED PER GEOTECHNICAL ENGINEERS RECOMMENDATIONS TO ACHIEVE MINIMUM OF 20 TON COMPRESSION CAPACITY & 4 TON TENSION UPLIFT CAPACITY. TO 2-TON LATENT CAPACITY @ 1 INCH LATERAL DEFLECTION. PILES SHALL BE DRIVEN UNDER THE CONTINUOUS MONITORING OF A QUALIFIED GEOTECHNICAL TECHNICIAN OR ENGINEER. ALL TIMBER PILES SHALL BE SOUTHERN YELLOW PINE PRESURE TREATED FOR SUBMERGED IN GROUND USE. REFER TO GEOTECHNICAL REPORT BY GULF COAST TESTING LABORATORY, INC. FOR ALL ADDITIONAL INFORMATION AND RECOMMENDATIONS.

ELEVATOR EQUIPMENT NOTES

ELEVATOR EQUIPMENT IS ABOVE DPE IN SHAFT ABOVE TOP LANDING. ELEVATOR EQUIPMENT (INCLUDING RAILS) SHALL BE ANCHORED TO RESIST FLOOR FORCES. ELEVATOR MUST BE EQUIPPED w/ CONTROLS TO PREVENT CAB FROM DESCENDING INTO FLOODWATERS.

FOUNDATION NOTES

- I PILE FOUNDATION DESIGN IS BASED ON STRUCTURAL ENGINEER DESIGN.
- 2 REFER TO THE GEOTECHNICAL REPORT FOR THE REQUIREMENTS OF SUBGRADE PREPARATION.
- 3 ALL PILES TO BE 8" MIN TIP DIAMETER TIMBERS DRIVEN TO A 20 TON ALLOWABLE BEARING CAPACITY.
- 4 ALL PILE CAPS TO BE 24"X24"X24" U.N.O. MIN.
- 5 ALL GRADE BEAMS TO BE 16" WIDE BY 16" DEEP U.N.O. MIN.
- 6 ALL SLAB ON GRADE SLABS TO BE FLOATING & DETACHED FROM PILE CAPS & GRADE BEAMS.
- 7 INSTALL CUT CONTROL JOINTS IN THE SLAB ON GRADE FLOOR SLAB PER PLAN.
- 8 SITE SHALL BE STRIPPED OF ALL VEGETATION AND ORGANIC MATTER. EXCAVATION SHALL EXTEND TO FIRM NATIVE SOIL MATERIALS. ALL FILL SOILS SHALL BE PLACED IN 6' LIFTS AND COMPAKTED TO 95% MAX. DENSITY. TEST SHALL BE REQUIRED FOR FILLS IN EXCESS OF 12".
- 9 ALL SOIL SHALL BE TREATED TO EXTERMINATE SUBTERRANEAN TERMITES AND OTHER PESTS.
- 10 INSTALL 6 MIL POLYETHYLENE VAPOR BARRIER BELOW ALL SLABS ON GRADE. TAPE ALL JOINTS AND AROUND ALL PENETRATIONS.
- II ALL CONCRETE SHALL ACHIEVE A MINIMUM STRENGTH OF 3,000 psi AND SHALL COMPLY w/ ACI-301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI-318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- 12 DEFORMED STEEL REINFORCING BARS SHALL CONFORM TO ASTM A-615, GRADE 40, AND BE INSTALLED IN ACCORDANCE w/ THE CONCRETE REINFORCING STEEL INSTITUTE MANUAL OF STANDARD PRACTICE[®].
- 13 INSTALL STEEL ANCHOR BOLTS w/ HEX NUTS AND FLAT WASHERS TO COMPLY w/ ASTM A-307, GRADE "A", IN SIZES AND CONFIGURATIONS INDICATED.
- 14 USE TYPE-N MORTAR FOR EXTERIOR ABOVE GRADE LOAD BEARING AND NON-LOAD BEARING WALLS.
- 15 GROUT FOR UNIT MASONRY SHALL COMPLY w/ ASTM C-476 AND SHALL BE OF THE PROPER CONSISTENCY WHICH WILL COMPLETELY FILL ALL SPACES INTENDED TO RECEIVE GROUT. PROVIDE CLEANOUT HOLES IN THE FIRST COURSE OF ALL CELLS TO RECEIVE GROUT. GROUT SHALL ACHIEVE A MINIMUM STRENGTH OF 3,000 psi.
- 16 CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT HOLLOW LOAD BEARING BLOCK CONFORMING TO ASTM C-90.



TO THE BEST OF THE ENGINEERS KNOWLEDGE & BELIEF,
THE DRAWINGS AND SPECIFICATIONS CONFORM
TO THE FLORIDA BUILDING CODE, RESIDENTIAL 2013, SECTION
SECTION 301 FOR 145 MPH WIND, 3 SEC. GUST EXPOSURE "C"
CATEGORY II ENCLOSED

-THIS DRAWING & DESIGN IS VALID FOR 12
MONTHS AFTER IT IS SIGNED & SEALED.
PLANS ARE SIGNED & SEALED FOR THE
STRUCTURAL PORTION OF THE DRAWING ONLY.

Kelly E.
Lyons

2025.07.09

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REV	DATE	DESCRIPTION
	-	-
	-	-
PROJECT NO: 2501-410		
DATE: 24.06.2025		
DRAWN BY: A. KOHN		
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GRADE BEAM & PILE PLAN		
SCALE: 1/4" = 1'-0"		

51.1

206 11TH AVE

INDIAN ROCKS BEACH | FL | 33785



CAMPALONG RESIDENCE

206 11TH AVE

INDIAN ROCKS BEACH | FL | 33785



THIS DRAWING & DESIGN IS VALID FOR 12 MONTHS AFTER IT IS SIGNED & SEALED.
PLANS ARE SIGNED & SEALED FOR THE STRUCTURAL PORTION OF THE DRAWING ONLY.

TO THE BEST OF THE ENGINEERS KNOWLEDGE & BELIEF,
THE PLANS AND SPECIFICATIONS HEREIN CONSTITUTE
FLORIDA BUILDING CODE REQUIREMENT
SECTION 301 FOR 145 MPH WIND, 3 SEC GUST EXPOSURE D,
CATEGORY II ENCLOSED



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ENGINEERING
PE #56191
2121 BEAVERS AVE.
TAMPA, FL 33618
PHONE #813.247.7400

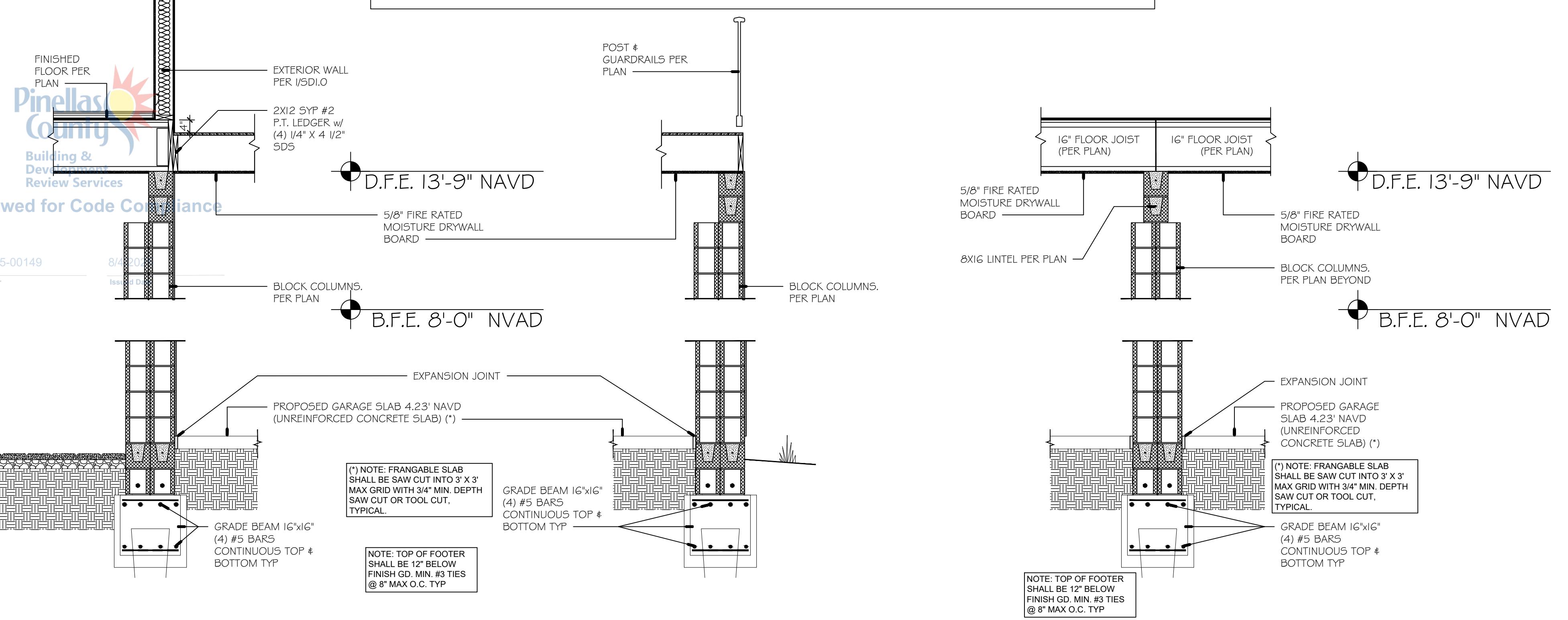
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△ - -
PROJECT NO: 2501-410
DATE: 24.06.2025

DRAWN BY: A. KOHN
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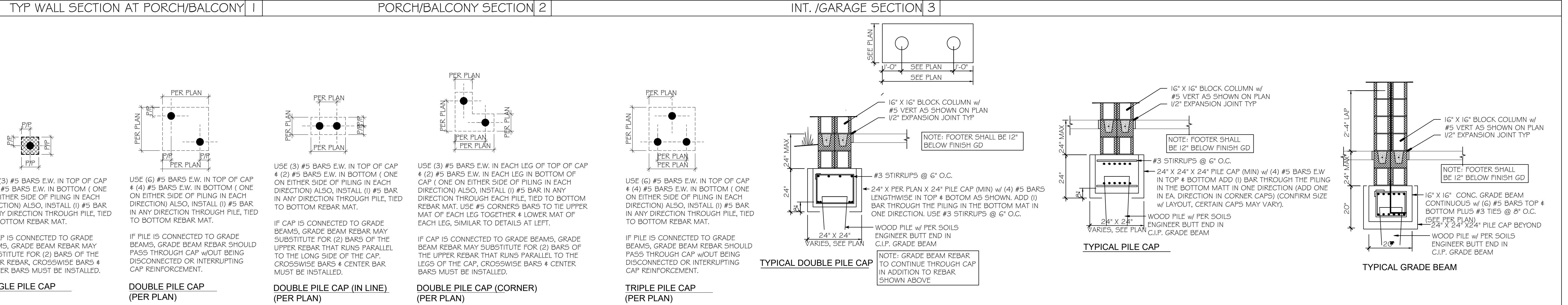
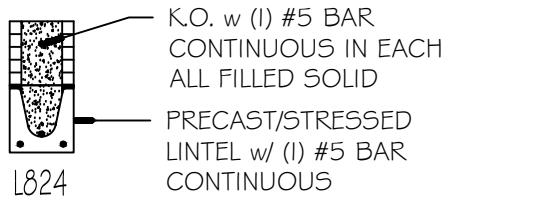
STRUCTURAL DETAILS &
NOTES

SD2.0

NOTE: REFER TO DETAIL 2/SD1.0 FOR ADDITIONAL INFORMATION NOT SHOWN HERE



L8X16 LINTEL SCHEDULE:



PRECAST LINTEL SCHEDULE					
NO	SIZE	TYPE	CLEAR SPAN	SAFE GRAVITY LOADS (PLF)	SAFE UPLIFT LOADS (PLF)
				8'X16' COMPOSITE	8'X16' COMPOSITE
L1	2'-10"	PRECAST	1'-6"	1000	1000
L2	3'-6"	PRECAST	2'-2"	1000	8237
L3	4'-0"	PRECAST	2'-8"	1000	5124
L4	4'-16"	PRECAST	3'-4"	1000	3709
L5	5'-4"	PRECAST	4'-0"	6297	4261
L6	5'-10"	PRECAST	4'-6"	5037	2121
L7	6'-6"	PRECAST	5'-2"	3848	2704
L8	7'-6"	PRECAST	6'-2"	2878	1953
L9	8'-4"	PRECAST	7'-0"	2384	1157
L10	9'-4"	PRECAST	8'-0"	1959	974
L11	10'-6"	PRECAST	9'-2"	1618	819
L12	11'-4"	PRECAST	10'-0"	1433	765
L13	12'-6"	PRECAST	11'-8"	1237	609
L14	13'-4"	PRECAST	12'-0"	1126	524
L15	14'-0"	PRECAST	12'-8"	1050	467
L16	14'-8"	PRESTRE SSED	13'-4"	1087	555
L17	15'-4"	PRESTRE SSED	14'-0"	1022	943
L18	17'-4"	PRESTRE SSED	16'-0"	864	731
L19	19'-4"	PRESTRE SSED	18'-0"	747	573
L20	20'-0"	PRESTRE SSED	18'-8"	714	536
L21	22'-0"	PRESTRE SSED	20'-8"	656	462
L22	24'-0"	PRESTRE SSED	22'-8"	563	360

ALL TABLE VALUES TAKEN FROM QUALITY PRECAST INC

NOTE: ALL 8' X 16' COMPOSITE BEAMS ARE REINFORCED w/ (I) #5 BAR TOP & BOTTOM OF BEAM

ROOF SHEATHING ATTACHMENT (FBCR R803.2.3.i)	
WIND SPEED	
RAFTER/TRUSS SPACING 24 IN. O.C.	150
E	F
EXPOSURE B	
RAFTER/TRUSS SG = 0.42	6
RAFTER/TRUSS SG = 0.49	6
EXPOSURE C	
RAFTER/TRUSS SG = 0.42	4
RAFTER/TRUSS SG = 0.49	6
EXPOSURE D	
RAFTER/TRUSS SG = 0.42	4
RAFTER/TRUSS SG = 0.49	6

E = NAIL SPACING ALONG PANEL EDGES (INCHES)
F = NAIL SPACING ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD (INCHES)
a FOR SHEATHING LOCATED A MINIMUM OF 4 FEET FROM THE PERIMETER EDGE OF THE ROOF, INCLUDING 4 FEET ON EACH SIDE OF RIDGES AND HIPs, NAIL SPACING IS PERMITTED TO BE 6 INCHES ON CENTER ALONG PANEL EDGES AND 6 INCHES ON CENTER ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD.
b WHERE RAFTER/TRUSS SPACING IS LESS THAN 24 INCHES ON CENTER, ROOF SHEATHING FASTENING IS PERMITTED TO BE IN ACCORDANCE WITH THE AWC WTCM OR THE AWC NDS.

LEGEND		STRUCTURAL NOTES	
	10'-0" CEILING	1	(2) 1 3/4" X 11 7/8" LVL w/ 104 NAILS 2 ROWS 6" O.C. ATTACH BEAM TO MASONRY, USING SIMPSON HETAG EA END
	CMU WALL BELOW	2	(2) 2X12 SYP #2 w/ 104 NAILS 2 ROWS 6" O.C. ATTACH LINTEL USING SIMPSON HETAG
	CONCRETE LINTEL PER PLAN	3	SIMPSON HUS212-2/HUC212-2 (MAX)
	HEADER PER PLAN	4	4X4" SYP #2 P.T. POST w/ 36" MIN. SOILS EMBEDMENT.
	BEAM PER PLAN		REFER TO TYPICAL SIMPSON HANGER FOR CONNECTIONS NOT LISTED HERE
	CRICKET PER PLAN		

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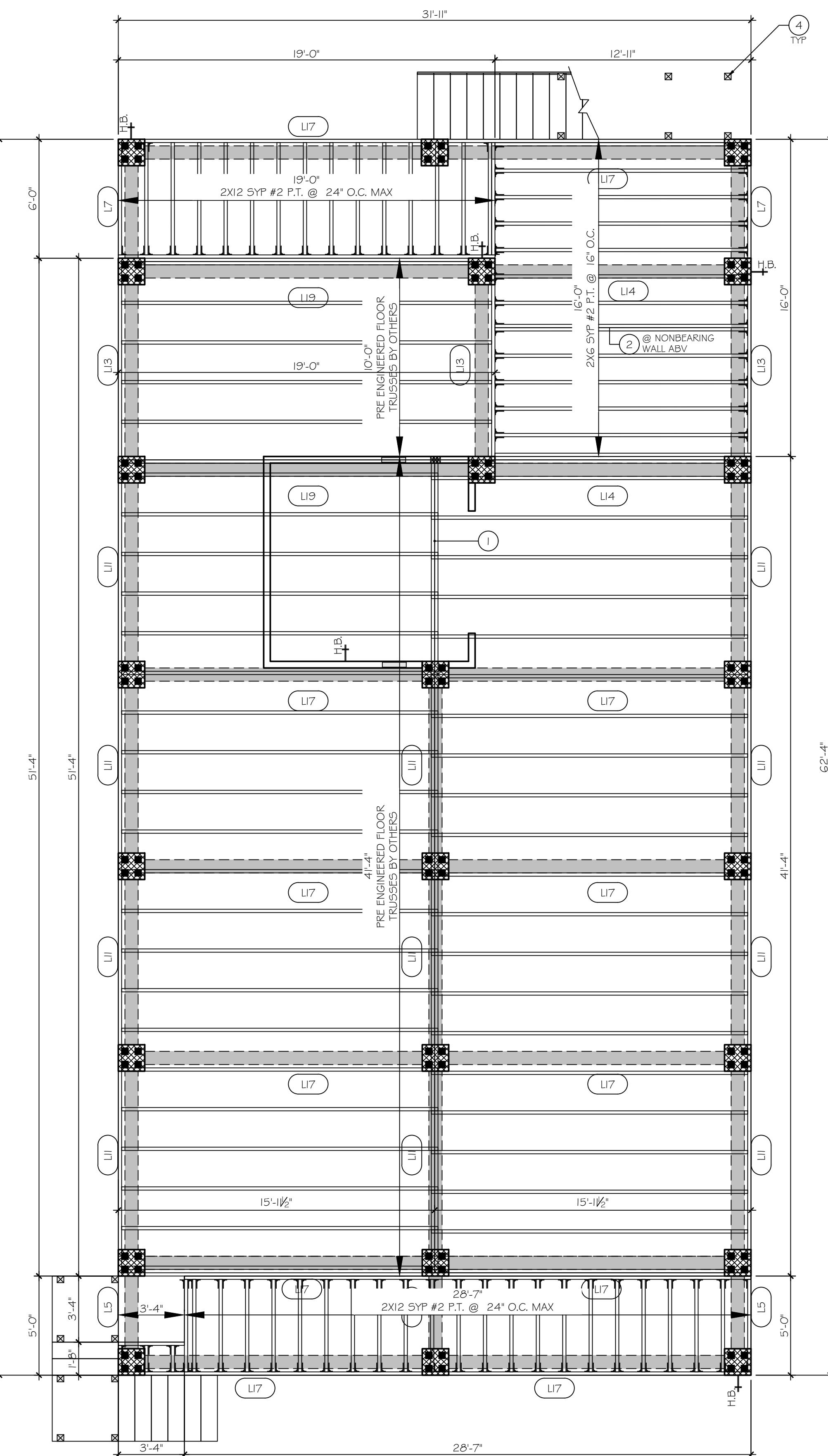
Kelly E.
Lyons
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SHEAR WALL NOTE

ALL EXTERIOR WALLS ARE TO BE CONSIDERED SHEAR
RESISTING COMPONENTS.

ROUGH OPENING NOTE:

FIELD VERIFY MASONRY AND FRAME OPENINGS OF
WINDOWS AND DOORS WITH MANUFACTURE
SPECIFICATIONS.



FLOOR FRAMING PLAN

TRUSS SYSTEM REQUIREMENTS

FL (2023 FBC), WIND: 145-150 MPH

- ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.
- TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.
- ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.
- ALL PRE-ENGINEERED TRUSSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSSES TO BE HANDLED AND INSTALLED USING MOST RECENT BCSi RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT BCSi RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRONGER CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTORS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS. UPON REVIEW, ENGINEER OF RECORD WILL PROVIDE A REVIEW LETTER INDICATING ANY CHANGE IN STRAPPING OR SUPPORT BASED ON THAT REVIEW. CONSTRUCTION COMMENCING PRIOR TO ENGINEER'S REVIEW IS SUBJECT TO MODIFICATION BASED ON REVIEW LETTER.
- ALL METAL CONNECTORS & FABRICATIONS SHALL COMPLY w/ AISC SPECS.
- SOLID BLOCK ALL JOIST & RAFTERS AT POINTS OF SUPPORT.
- CONTRACTOR SHALL CORRELATE w/ TRUSS MANUFACTURER TO ENSURE ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSSES.
- CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES NECESSARY & SUITED FOR EACH APPLICATION AND BE RESPONSIBLE FOR ITEMS TO BE INSTALLED CORRECTLY.
- BRACE TRUSSSES DURING ERECTION & AFTER PERMANENT INSTALLATION TO COMPLY w/ TPI SBT-7G
- ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT w/ MASONRY, CONCRETE OR STAIN SHALL BE PRESSURE-TREATED.
- ALL WOOD FRAMING SHALL BE FABRICATED & INSTALLED PER ATIC AND TPI & NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
- ROOF SHEATHING: EXPOSURE B, 7/16" WSP. EXPOSURE C, 19/32" WSP. ATTACHE w/ 8d COMMON NAILS w/ G-12 NAILING PATTERN PERIMETER EDGE ZONE (48") NAILING TO BE 4:4 NAILING PATTERN (INSTALL BLOCKING IN PERIMETER EDGE ZONE AT 48" O.C.)
- ALL TRUSSSES SHALL BE DESIGNED FOR BEARING ON SPF#2 OR #3 PLATES OR LEDGERS (UNO)

NOTE: ALL TRUSSSES UPLIFT LESS THAN 1000 LBS

DESIGN NOTE

FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.

NOTE: FOR MUST REVIEW AND APPROVE TRUSS PLANS PRIOR TO THE START OF ANY CONSTRUCTION. TRUSS CONNECTORS, FOUNDATION, AND BEARING WALLS ALL SUBJECT TO CHANGE BASED ON TRUSS PLANS

NOTE: ALL TRUSSSES BY OTHERS

HEADER/BEAM & COLUMN NOTES:

THE NUMBER SHOWN AT STUD POCKET OR COLUMN, THE NUMBER OF KING STUDS AT EACH END OF THE HEADERS IN LOAD BEARING AND EXTERIOR WALLS SHALL BE ACCORDING TO ITEM (d) IN TABLE RG02.3(5) OR AS BELOW

UP TO 4': 1 KING STUD
4'-8": 2 KING STUDS
8'-11": 3 KING STUDS
OVER 11": 4 KING STUDS

HEADER AT LOAD BEARING WALLS:
2X4 WALLS (2) 2X10 (U.N.O.)
2X6 WALLS (3) 2X10 (U.N.O.)

USE (1) JACK AND (1) KING STUD AT EACH END, U.N.O.
SEE TBL RG02.7.5 FOR FULL HGT STUDS AT EACH END IN EXTERIOR WALLS

NON LOAD BEARING: (1) 2X4 LAID FLAT FOR OPENINGS UP TO 8' w/ VERTICAL DISTANCE TO PARALLEL NAILING SURFACE IS NOT MORE THAN 24"

USE (1) JACK AND (1) KING STUD AT EACH END

HEADER HEIGHT NOTE:

ALL WINDOW HEAD HEIGHTS ARE 6'-8" A.F.F. UNLESS NOTED OTHERWISE.

RAFTER/TRUSS SPACING 24 IN. O.C.	WIND SPEED 150
15/32 (32/16)	19/32 (40/20)
19/32 (40/20)	19/32 (40/20)

REV	DATE	DESCRIPTION
A	-	-
B	-	-
C	-	-
D	-	-

PROJECT NO: 2501-410
DATE: 24.06.2025

DRAWN BY: A. KOHN

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AMERICAN INSTITUTE OF BUILDING DESIGN

Creating where people live

JUDITH ANN KOHN
CERTIFICATION NO: 10-237

206 11TH AVE

INDIAN ROCKS BEACH | FL | 33785

PRECAST LINTEL SCHEDULE					
NO	SIZE	TYPE	CLEAR SPAN	SAFE GRAVITY LOADS (PLF)	SAFE UPLIFT LOADS (PLF)
				8'X16' COMPOSITE	8'X16' COMPOSITE
L1	2'-10"	PRECAST	1'-6"	1000	1000
L2	3'-6"	PRECAST	2'-2"	1000	8237
L3	4'-0"	PRECAST	2'-8"	1000	5124
L4	4'-16"	PRECAST	3'-4"	1000	3709
L5	5'-4"	PRECAST	4'-0"	6297	4261
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L7	6'-6"	PRECAST	5'-2"	3848	2704
L8	7'-6"	PRECAST	6'-2"	2878	1953
L9	8'-4"	PRECAST	7'-0"	2384	1157
L10	9'-4"	PRECAST	8'-0"	1959	974
L11	10'-6"	PRECAST	9'-2"	1618	819
L12	11'-0"	PRECAST	10'-0"	1433	765
L13	12'-6"	PRECAST	11'-8"	1237	609
L14	13'-4"	PRECAST	12'-0"	1126	524
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L18	17'-4"	PRESTRE SSED	16'-0"	864	731
L19	19'-4"	PRESTRE SSED	18'-0"	747	573
L20	20'-0"	PRESTRE SSED	18'-8"	714	536
L21	22'-0"	PRESTRE SSED	20'-8"	656	462
L22	24'-0"	PRESTRE SSED	22'-8"	563	360

ALL TABLE VALUES TAKEN FROM QUALITY PRECAST INC
NOTE: ALL 8' X 16' COMPOSITE BEAMS ARE REINFORCED w/ (I) #5 BAR TOP & BOTTOM OF BEAM

ROOF SHEATHING ATTACHMENT (FBCR R803.2.3.I)		
RAFTER/TRUSS SPACING 24 IN. O.C.	WIND SPEED	
	E	F
EXPOSURE B		
RAFTER/TRUSS SG = 0.42	6	6
RAFTER/TRUSS SG = 0.49	6	6
EXPOSURE C		
RAFTER/TRUSS SG = 0.42	4	4
RAFTER/TRUSS SG = 0.49	6	6
EXPOSURE D		
RAFTER/TRUSS SG = 0.42	4	4
RAFTER/TRUSS SG = 0.49	6	6

E = NAIL SPACING ALONG PANEL EDGES (INCHES)
F = NAIL SPACING ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD (INCHES)
a FOR SHEATHING LOCATED A MINIMUM OF 4 FEET FROM THE PERIMETER EDGE OF THE ROOF, INCLUDING 4 FEET ON EACH SIDE OF RIDGES AND HIPs, NAIL SPACING IS PERMITTED TO BE 6 INCHES ON CENTER ALONG PANEL EDGES AND 6 INCHES ON CENTER ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD.
b WHERE RAFTER/TRUSS SPACING IS LESS THAN 24 INCHES ON CENTER, ROOF SHEATHING FASTENING IS PERMITTED TO BE IN ACCORDANCE WITH THE AWC WTCM OR THE AWC NDS.

LEGEND	STRUCTURAL NOTES
IO'-0" CEILING	
CMU WALL BELOW	
CONCRETE LINTEL PER PLAN	
HEADER PER PLAN	
BEAM PER PLAN	
CRICKET PER PLAN	
REFER TO TYPICAL SIMPSON HANGER FOR CONNECTIONS NOT LISTED HERE	

ATTIC VENT CALCULATION			
PROVIDE ATTIC VENTILATION IN COMPLIANCE w/ F.B.C. RESIDENTIAL CODE. THE REQUIRED NET FREE VENTILATING AREA OF NOT LESS THAN 1/150 OF THE SPACE VENTILATED. AREA MAY BE REDUCED TO 1/300 PROVIDED THAT 50 PERCENT (BUT NOT MORE THAN 80%) OF THE REQ'D VENTILATING AREA IS PROVIDED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE EAVE OR CORNICE WITH THE BALANCE OF THE REQ'D VENTILATION PROVIDED BY THE EAVE OR CORNICE VENTS.			
NOTE: TYPICAL VENTILATION INCLUDES			
1. SOFFIT VENTS (AREA: 6.42 SQ.IN. PER FOOT - VERIFY w/ MANUFACTURER)			
2. LOMANO 770" ATTIC VENT LOCATED 12" MIN. FROM RIDGE (AREA: 70 SQ. IN. - VERIFY w/ MANUFACTURER). *(1) LOMANO 770D VENT AT 140 S.I. EA CAN BE USED IN PLACE OF (2) 770 VENTS.			

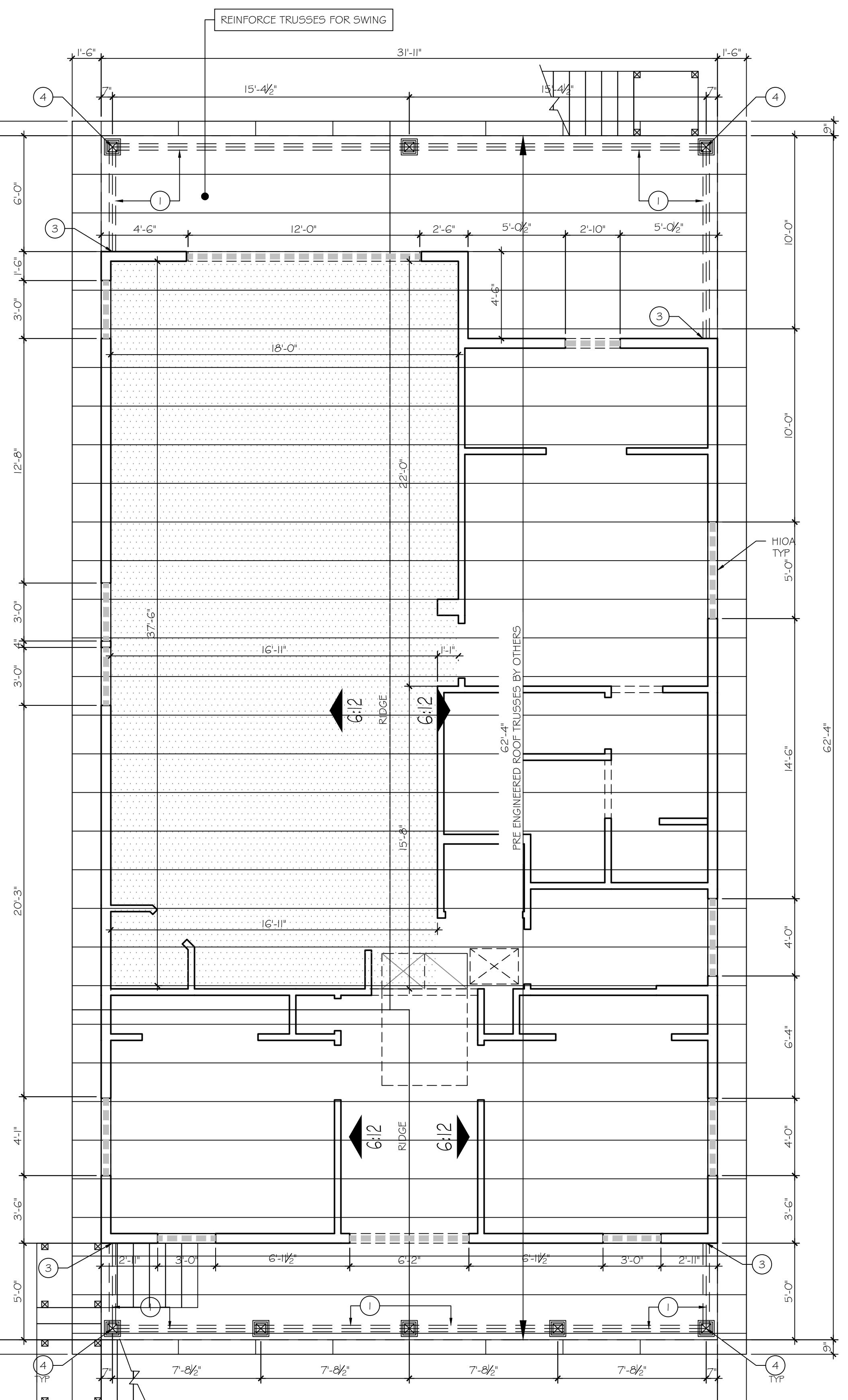
AREA 1 - AREA VENTILATION REQUIRED - UPPER & LOWER VENTS PROVIDED					
2229	S.F. ATTIC AREA / 300 =	7.43	S.F. X 144 =	1069.92 S.I.	
1069.92	S.I. / 2 =	534.96	S.I. UPPER AND LOWER VENTILATION REQUIRED		
UPPER VENTILATION PROVIDED					
8 LOMANO OFF RIDGE VENTS AT	70 S.I. EA. =	560.00	>	534.96 S.I.	
LOWER VENTILATION PROVIDED					
84 FT. SOFFIT VENTS (MIN.) AT	6.42 S.I./FT. =	539.28	>	534.96 S.I.	

SHEAR WALL NOTE

ALL EXTERIOR WALLS ARE TO BE CONSIDERED SHEAR RESISTING COMPONENTS.

ROUGH OPENING NOTE:

FIELD VERIFY MASONRY AND FRAME OPENINGS OF WINDOWS AND DOORS WITH MANUFACTURE SPECIFICATIONS.



TRUSS SYSTEM REQUIREMENTS

FL (2023 FBC), WIND: 145-150 MPH

- 1 ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.
- 2 TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.
- 3 ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.
- 4 ALL PRE-ENGINEERED TRUSSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSSES TO BE HANDLED AND INSTALLED USING MOST RECENT BCSI RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT BCSI RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRIGENT CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTORS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS. UPON REVIEW, ENGINEER OF RECORD WILL PROVIDE A REVIEW LETTER INDICATING ANY CHANGE IN STRAPPING OR SUPPORT BASED ON THAT REVIEW. CONSTRUCTION COMMENCING PRIOR TO ENGINEER'S REVIEW IS SUBJECT TO MODIFICATION BASED ON REVIEW LETTER.
- 5 ALL METAL CONNECTORS & FABRICATIONS SHALL COMPLY w/ AISC SPFCs.
- 6 SOLID BLOCK ALL JOIST & RAFTERS AT POINTS OF SUPPORT.
- 7 CONTRACTOR SHALL CORRELATE w/ TRUSS MANUFACTURER TO ENSURE ADEQUATE BEARING IS PROVIDED AT END RECTIONS OF ALL GIRDER TRUSSES.
- 8 CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES NECESSARY & SUITED FOR EACH APPLICATION AND BE RESPONSIBLE FOR ITEMS TO BE INSTALLED CORRECTLY.
- 9 BRACE TRUSSES DURING ERECTION & AFTER PERMANENT INSTALLATION TO COMPLY w/ TPI B7G
- 10 ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT w/ MASONRY, CONCRETE OR SOIL SHALL BE PRESSURE-TREATED.
- 11 ALL WOOD FRAMING SHALL BE FABRICATED & INSTALLED PER ATIC AND TPI & NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
- 12 ROOF SHEATHING: EXPOSURE B, 7/16" WSP. EXPOSURE C, 19/32" WSP. ATTACHE w/ 8d COMMON NAILS w/ G12 NAILING PATTERN PERIMETER EDGE ZONE (4") NAILING TO BE 4:4 NAILING PATTERN (INSTALL BLOCKING IN PERIMETER EDGE ZONE AT 4" O.C.)
- 13 ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF#2 OR #3 PLATES OR LEDGERS (UNO)

NOTE: ALL TRUSSES UPLIFT LESS THAN 1000 LBS

DESIGN NOTE

FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.

NOTE: FOR MUST REVIEW AND APPROVE TRUSS PLANS PRIOR TO THE START OF ANY CONSTRUCTION, TRUSS CONNECTORS, FOUNDATION, AND BEARING WALLS ALL SUBJECT TO CHANGE BASED ON TRUSS PLANS

NOTE: ALL TRUSSES BY OTHERS

HEADER/BEAM & COLUMN NOTES:

THE NUMBER SHOWN AT STUD POCKET OR COLUMN THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD POCKET OR COLUMN. THE NUMBER OF KING STUDS AT EACH END OF THE HEADERS IN LOAD BEARING AND EXTERIOR WALLS SHALL BE ACCORDING TO ITEM (d) IN TABLE RG02.3(5) OR AS BELOW

UP TO 4': 1 KING STUD
4'-8": 2 KING STUDS
8'-11": 3 KING STUDS
OVER 11": 4 KING STUDS

HEADER AT LOAD BEARING WALLS:

2X4 WALLS (2) X10 (U.N.O.)

2X6 WALLS (3) X10 (U.N.O.)

USE (1) JACK AND (1) KING STUD AT EACH END, U.N.O.

SEE TBL RG02.7.5 FOR FULL HGT STUDS AT EACH END IN EXTERIOR WALLS

NON LOAD BEARING: (1) 2X4 LAID FLAT FOR OPENINGS UP TO 8' w/ VERTICAL DISTANCE TO PARALLEL NAILING SURFACE IS NOT MORE THAN 24"

USE (1) JACK AND (1) KING STUD AT EACH END

HEADER HEIGHT NOTE:

ALL WINDOW HEAD HEIGHTS ARE 6'-8" A.F.F. UNLESS NOTED OTHERWISE.

MINIMUM ROOF SHEATHING THICKNESS (FBCR R803.2.2)

Rafter/Truss Spacing 24 in. O.C.	Wind Speed
	150
	15/32 (32/16)
	19/32 (40/20)
	19/32 (40/20)

REV DATE DESCRIPTION

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△ - -

PROJECT NO: 2501-410

DATE: 24.06.2025

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CAMPALONG RESIDENCE

206 11TH AVE

INDIAN ROCKS BEACH | FL | 33785

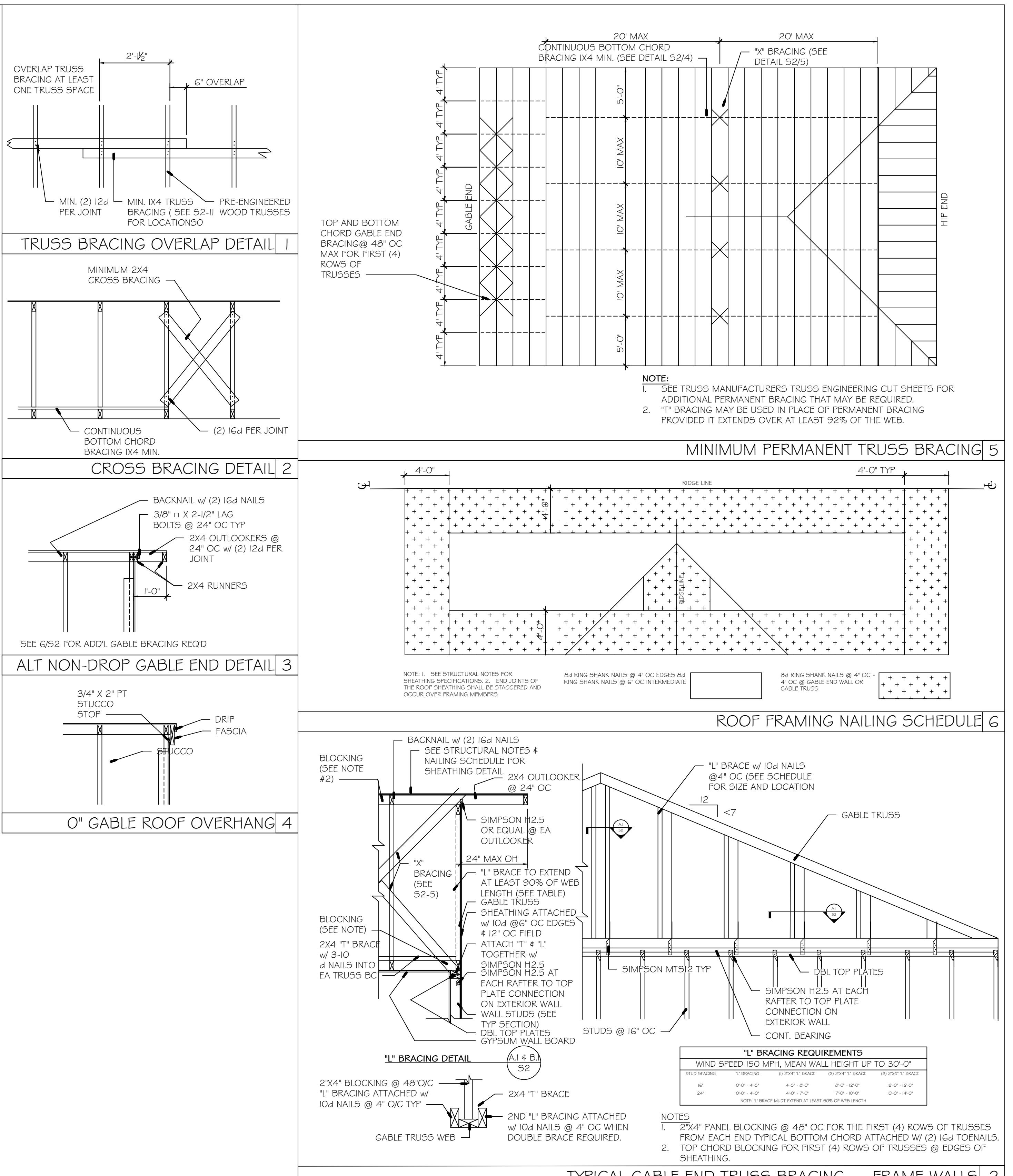
STRUCTURAL NOTES	
I) CODES	
1.1 FLORIDA BUILDING CODE RESIDENTIAL 2023, 8th EDITION	
1.2 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI318-LATEST).	
1.3 "MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN", BY THE AMERICAN INSTITUTE STEEL CONSTRUCTION, 9th EDITION.	
1.4 "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE (TPPI) LATEST EDITION.	
2) DESIGN CRITERIA	
2.1 DWELLING FLOORS - 40 PSF LIVE LOAD + 15 PSF DEAD LOAD	
2.2 BALCONIES - 60 PSF LIVE LOAD + 15 PSF DEAD LOAD	
2.3 ROOF OVER LIVING AREAS - 20 PSF LIVE LOAD, 17 PSF (7 PSF T/C + 10 PSF B/C) DEAD LOAD FOR SHINGLE ROOFS; 25 PSF (15 PSF T/C + 10 PSF B/C) DEAD LOAD FOR CONCRETE TILE ROOFS	
2.4 WIND - 145 MPH 3 SECOND GUST EXPOSURE "B" IMPORTANCE FACTOR, "I" = I, CATEGORY II, ENCLOSED BUILDING.	
2.5 NET UPLIFT DEAD LOADS 10 PSF SHINGLE; 15 PSF TILE	
2.6 SEE FLOOR PLAN FOR COMPONENT # CLADDING PRESSURE	
3) SOIL	
3.1 MINIMUM ALLOWABLE SOIL PRESSURE 2000 PSF.	
3.2 ALL SOIL IS TO BE CLEAN & POISONED FOR TERMITES PER FBC 2023, 8th EDITION SECTIONS I05.I0, I05.I1	
4) CONCRETE	
4.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS: 2500 PSI (NORMAL WEIGHT).	
4.2 REINFORCING BARS: ASTM A615 (GRADE 40).	
4.3 WELDED WIRE FABRIC (WWF): ASTM A185.	
4.4 DETAILED REINFORCEMENT IN ACCORDANCE WITH ACI 315.	
4.5 CONCRETE COVERAGE OF REINFORCEMENT: FOOTINGS 3" BOTTOM AND SIDES.	
4.6 EARTH SUPPORTED SLABS: (INCLUDING EXTERIOR WALK AND DRIVE SLABS) 3.5" THICK MIN. REINFORCED WGX-W14 X W14 WWF AT MID-DEPTH OF SLAB. FIBERMESH MAY BE USED IN LIEU OF WWF AT CONTRACTORS OPTION.	
4.7 CONCRETING OPERATIONS SHOULD COMPLY WITH ACI STANDARDS	
4.8 LAP SPLICE SHALL BE AS FOLLOWS: #5 BAR 25", #4 BAR 20", #3 BAR 15"	
4.9 CONCRETE SHALL BE PACED WITHIN 90 MINUTES OF BATCH TIME OR AS REQ'D BY SUPPLIER	
4.10 SLUMP RANGE 4" TO 6" FOR FLAT WORK, 8"-11" W/MORANGE WATER REDUCED FOR UNTIL POURS	
4.11 PROVIDE PROPERLY TIED SPACERS, CHAIRS, BOLSTERS AS REQUIRED. SET PLASTIC TIP LEGS ON ALL EXPOSED SURFACES.	
4.12 PROVIDE PROPER CLEARANCE -3" FOOTINGS, 1.5" COLUMNS & BEAMS.	
4.13 RESTRICT THE ADDITION OF MIX WATER AT THE JOB SITE. DO NOT ADD WATER WITHOUT THE APPROVAL OF THE SUPPLIER.	
5) MASONRY	
5.1 DESIGN AND CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AND ACI 530-LATEST	
5.2 MINIMUM MASONRY UNIT STRENGTH: 1500 PSI	
5.3 MORTAR SHALL BE TYPE S.	
5.4 ALL BLOCK CELLS AND CAVITIES BELOW GRADE SHALL BE FILLED WITH CONCRETE WHEN STEM WALL IS GREATER THAN 24" TALL ABOVE GRADE, FOR STEM WALLS TALLER THAN 40" CONTACT ENGINEER.	
5.5 FILL CELLS SHOULD BE LOCATED AS INDICATED ON FOUNDATION PLAN.	
5.6 LINTELS SUPPLIED BY APPROVED MANUFACTURER:	
I) FCP/CAST-CRETE CORPORATION 2) POWER CONCRETE 3) ALLIED PRECAST 4) LOTT 5) WEKA 6) MARION MASONRY	
6) WOOD	
6.1 WOOD STRUCTURAL FRAMING MEMBERS; #2 SOUTHERN YELLOW PINE (UNLESS NOTED OTHERWISE) WITH AN ALLOWABLE BENDING STRESS (Fb) PER ND5-LATEST = 1250 PSI AND A MODULUS OF ELASTICITY = 1,600,000 PSI EXCEPT WHERE SPF STUD OR CONSTRUCTION GRADE MAY BE USED. TOP PLATES SHALL HAVE NO OCCURRENCE OF SPLITS, CHECKS AND SHAKES.	
6.2 DESIGN, FABRICATE AND ERECT WOOD TRUSSES IN ACCORDANCE WITH THE "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE, LATEST EDITION, HIB-LATEST EDITION AND QST-LATEST EDITION	
6.3 ALL EXPOSED WOOD OR WOOD #1 CONTACT WITH EARTH OR CONCRETE TO BE PRESURE TREATED.	
6.4 ROOF SHEATHING: (APA RATED EXPOSURE I) 05" PLYWOOD OR 5/8" OSB MINIMUM SHINGLES OR TILE	
6.5 UNTREATED WOOD SHALL NOT BE IN DIRECT CONTACT WITH THE CONCRETE, METAL SEAT PLATES, ROOFING FELT, OR BITUMINOUS MATERIAL SHALL BE PLACED BETWEEN ALL TRUSSES, LVLS, ANY OTHER UNTREATED LUMBER OR PLYWOOD AND CONCRETE OR MASONRY SURFACE	
7) MICRO-LAM LUMBER	
7.1 MICRO-LAM STRESS GRADES SHALL PROVIDE THE FOLLOWING MINIMUM PROPERTIES: E=1,700,000 PSI Fb = 2,950 PSI Ft = 1,850 PSI Ft = 500 PSI (PERPENDICULAR) Fc = 2,700 PSI (PARALLEL) Fv = 285 PSI	
8) STEEL	
8.1 INSTALLATION OF ALL STEEL TO BE PERFORMED BY AN EXPERIENCED, QUALIFIED STEEL ERECTOR.	
8.2 FABRICATE AND ERECT ALL STRUCTURAL STEEL IN ACCORDANCE WITH AISC. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".	
8.3 STRUCTURAL STEEL; ASTM A36	
8.4 STEEL TUBING; ASTM A500, GRADE B.	
8.5 WELDED CONNECTIONS: 370XX ELECTRODES, MINIMUM SIZE FILLET WELDS 3/16", AWS CERTIFIED WELDERS, CERTIFICATION PAPERS TO BE SUBMITTED UPON REQUEST.	
8.6 WHERE STEEL BEAMS ARE CONTINUOUS OVER COLUMNS, PROVIDE WEB STIFFENER PLATES ON EACH SIDE OF THE WEB OF A THICKNESS EQUAL TO BEAM FLANGE THICKNESS, LOCATED AT THE CENTER LINE OF THE COLUMN.	
NOTE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS BEFORE CONSTRUCTION BEGINS. ALLTECH STRUCTURAL ENGINEERING INC. IS RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THIS PROJECT ONLY. ANY DISCREPANCY BETWEEN FIELD CONDITIONS, OTHER DESIGN PROFESSIONAL'S SHOP DRAWINGS, CONTRACTORS' BUILDING METHODS, AND THESE SIGNED AND SEALED DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF ALLTECH STRUCTURAL ENGINEERING INC. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.	
KELLY E. LYONS, P.E. #56191	

TYPICAL SIMPSON HANGERS

MEMBER	MODEL
2X8	LUS28
2X10	LUS210
2X12	LUS210
(2) 2X8	HUS28-2
(2) 2X10	HUS210-2
(2) 2X12	HUS210-2
(2) 9-1/4" / 11-7/8" LVL	HGU5410
(2) 14" / (2) 16" / (2) 18" LVL	HGU5414
(3) 9-1/4" LVL	HGU55.50/I0
(3) 11-7/8" LVL	HGU55.50/I2
(3) 14" / (3) 16" / (3) 18" LVL	HGU55.50/I4
(4) 9-1/4" LVL	HGU57.25/I0
(4) 11-7/8" LVL	HGU57.25/I2
(4) 14" / (4) 16" / (4) 18" LVL	HGU57.25/I4

* MIN 3" MEMBER
** REACTIONS ARE FOR ROOF LOADS ONLY
*** DO NOT DRIVE NAILS THROUGH THE TRUSS PLATE ON THE OPPOSITE SIDE OF THE TRUSS, WHICH COULD FORCE THE PLATE OFF OF THE TRUSS

GENERAL NAILING SCHEDULE		
CONNECTION	FASTENER(S)	QUANTITY/SPACING
LEDGER STRIP	16d COMMON	3 AT EACH JOIST
SOLEPLATE TO JOIST OR BLOCKING, FACE NAIL	16d COMMON	16" O.C.
TOP OR SOLE PLATE, TOE NAIL	16d COMMON	2
STUD TO SOLE PLATE, TOE NAIL	8d COMMON	4
DOUBLED STUDS, FACE NAIL	16d COMMON	24" O.C.
DOUBLED TOP PLATES, FACE NAIL	16d COMMON	16" O.C.
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" O.C. ALONG EACH EDGE
CONTINUOUS HEADER TO STUD, TOE NAIL	8d COMMON	3
IXB SHEATHING OR LESS TO EACH BEARING, FACE NAIL	8d COMMON	2
OVER IXB SHEATHING OR LESS TO EACH BEARING, FACE NAIL	8d COMMON	3
BUILT UP CORNER STUDS	16d COMMON	24" O.C.
BUILT UP GIRDERS AND BEAMS UP TO THREE MEMBERS	20d COMMON	32" O.C. AT TOP AND BOTTOM AND STAGGERED, 2 END5 AND AT EACH SPLIC
I/2" GYPSUM SHEATHING	II GA I-1/2 GALVANIZED 7/16" HEAD	4" O.C. AT EDGES, 8" O.C. AT OTHER BEARINGS
5/8" GYPSUM SHEATHING	II GA I-3/4 GALVANIZED 7/16" HEAD	4" O.C. AT EDGES, 8" O.C. AT OTHER BEARINGS
I/2" GYPSUM WALLBOARD	1-3/8" DRYWALL NAIL	7" O.C. ON CEILINGS, 8" O.C. ON WALLS
5/8" GYPSUM WALLBOARD	1-3/2" DRYWALL NAIL	7" O.C. ON CEILINGS, 8" O.C. ON WALLS
HARDBOARD LAP SIDING, DIRECT TO STUDS	8d CORROSION RESISTANT w/ MIN. SHANK Ø OF 0.099" & MIN. HEAD Ø OF 0.240"	16" O.C. AT TOP AND BOTTOM OF EDGES
HARDBOARD LAP SIDING, OVER SHEATHING	10d CORROSION RESISTANT w/ MIN. SHANK Ø OF 0.099" & MIN. HEAD Ø OF 0.240"	16" O.C. AT TOP AND BOTTOM OF EDGES
HARDBOARD PANEL SIDING, DIRECT TO STUDS	6d CORROSION RESISTANT w/ MIN. SHANK Ø OF 0.092" & MIN. HEAD Ø OF 0.225"	6" O.C. AT EDGES, 12" AT INTERMEDIATE SUPPORTS
HARDBOARD PANEL SIDING, OVER SHEATHING	8d CORROSION RESISTANT w/ MIN. SHANK Ø OF 0.092" & MIN. HEAD Ø OF 0.225"	6" O.C. AT EDGES, 12" AT INTERMEDIATE SUPPORTS



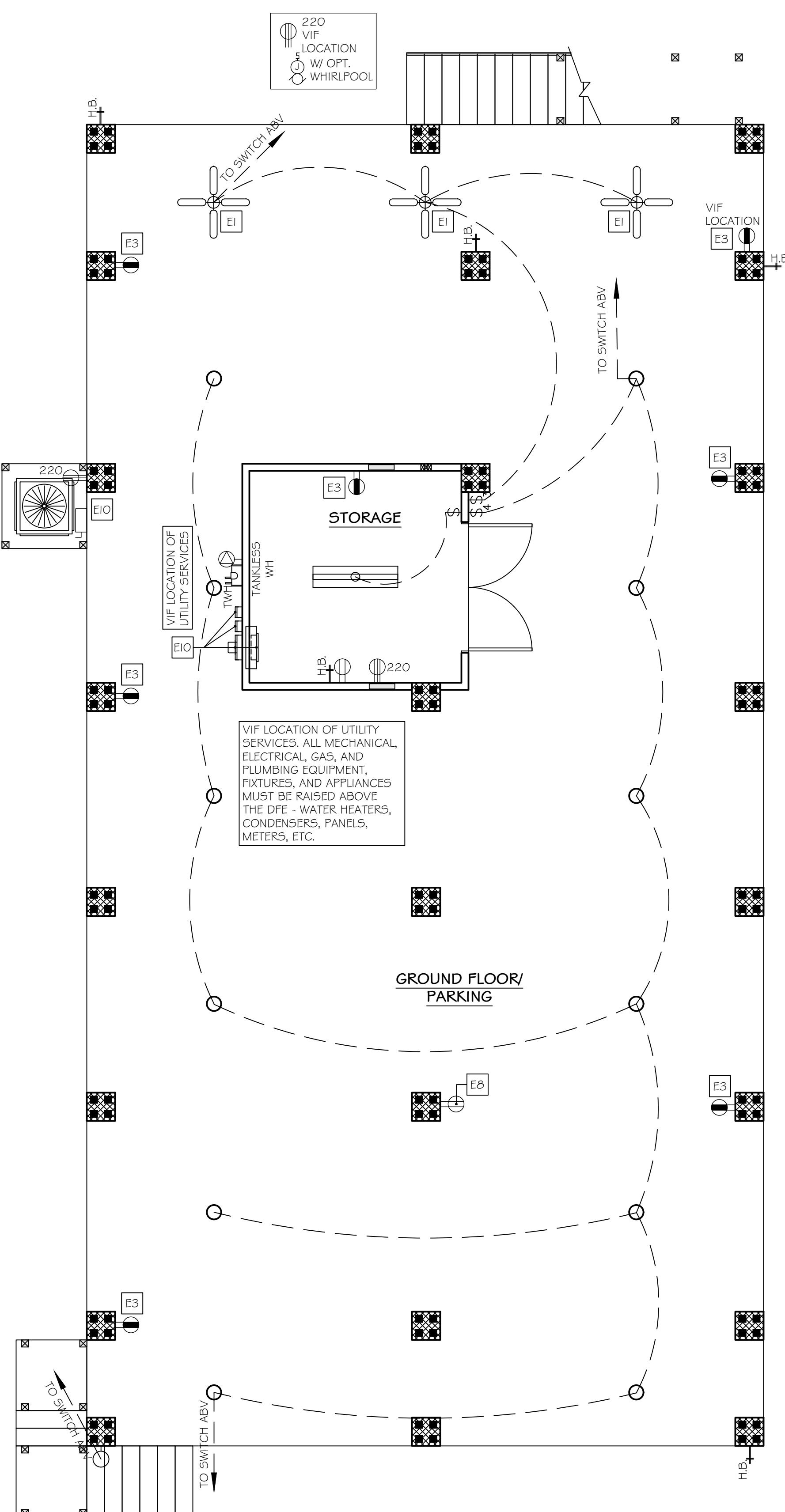
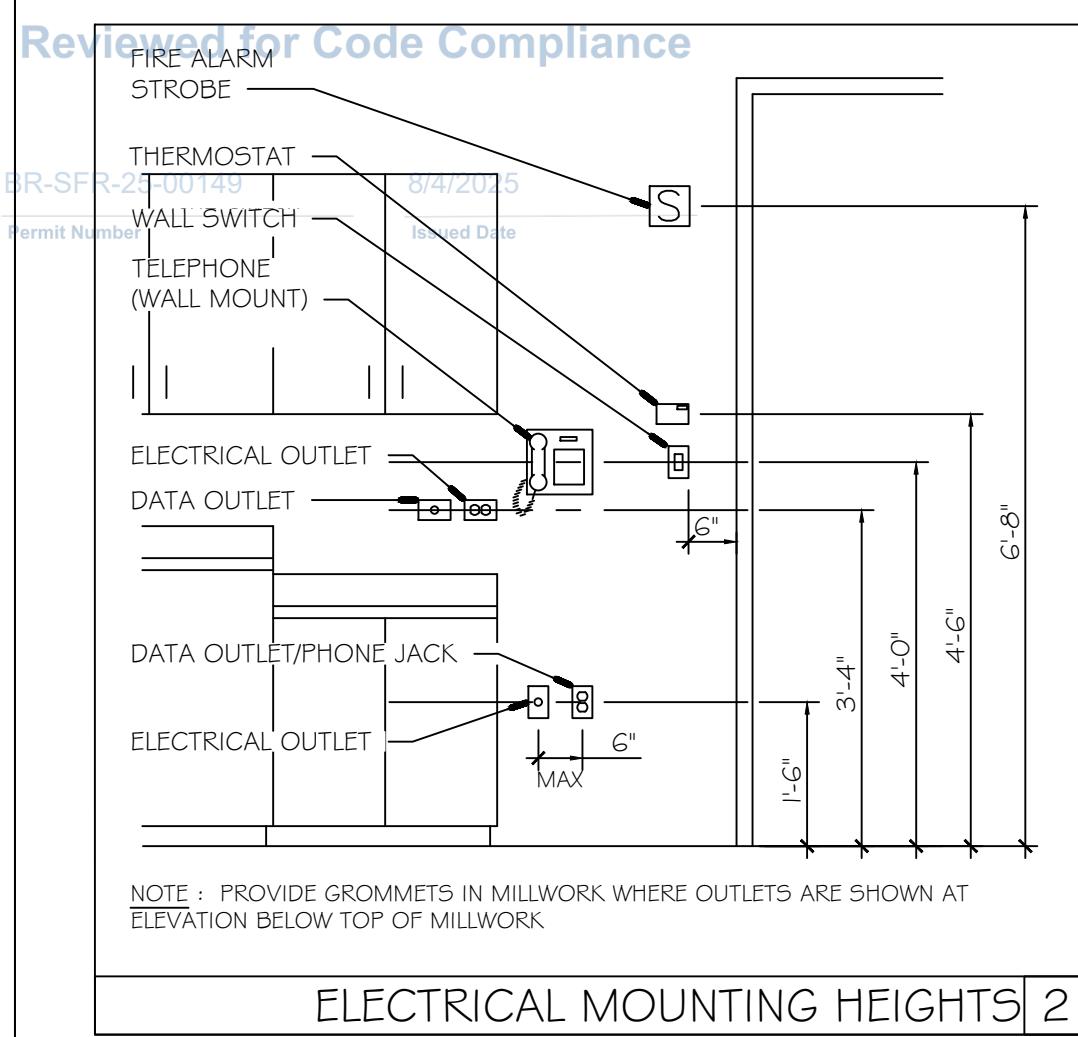
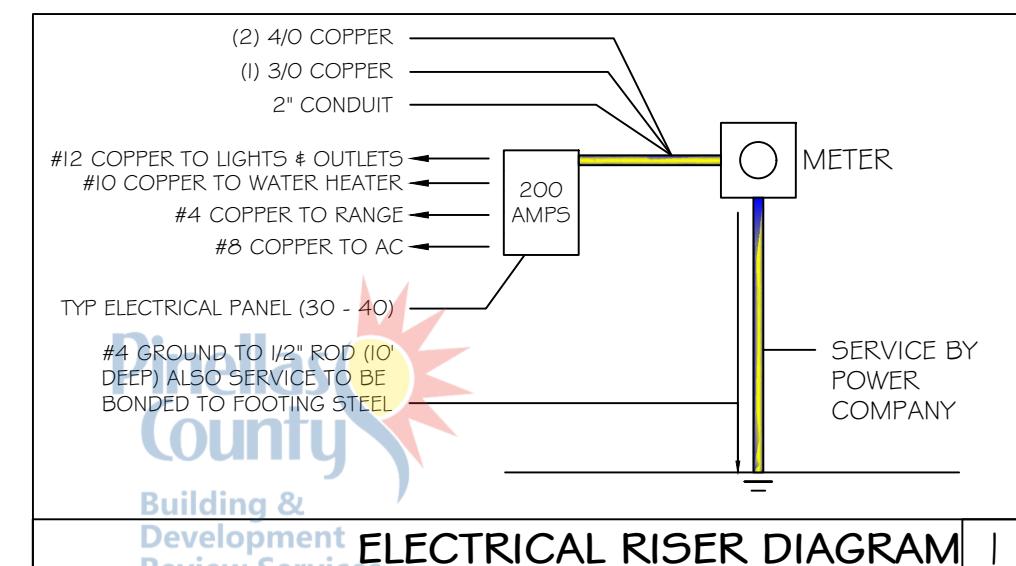
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ALLTECH STRUCTURAL ENGINEERING
ENGINEERING
BB-933
REV DATE DESCRIPTION
△ - -
PROJECT NO: 2501-410
DATE: 24.06.2025
DRAWN BY: A. KOHN
*CONSTRUCTION DOCUMENTS ARE ORIGINAL AND UNPUBLISHED MATERIALS OF THE DESIGNER, THEY SHALL NOT BE COPIED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE DESIGNER.
STRUCTURAL DETAILS & NOTES

This drawing & design is valid for 12 months after it is signed & sealed.
Plans are signed & sealed for the structural portion of the drawing only.

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STRUCTURAL DETAILS & NOTES





GENERAL ELECTRICAL NOTES:

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- 2) CARBON MONOXIDE PROTECTION PER FLORIDA STATUTES 553.865 (2), TO BE INSTALLED IN 10' OF EVERY SLEEPING ROOM.
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- 9) PROVIDE GAS DROPS AS PER SPECIFICATIONS.
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- 11) JUNCTION BOX AT WATER HEATER, RANGE AND /OR DRYER TO BE 220V WHERE GAS IS NOT AN OPTION, AND 110V WHEN GAS IS AN OPTION. PROVIDE APPROPRIATE RECEPTACLE PER APPLIANCE
- 12) PROVIDE ADDITIONAL EXTERIOR WEATHERPROOF RECEPTACLE WIN 15' OF CONDENSING UNITS
- 13) ALL GARAGE OUTLETS SHALL BE ON A DEDICATED CIRCUIT.
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KEYNOTES	
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E4	PROVIDE SWITCH w/ GFI OUTLET FOR GARBAGE DISPOSAL & DW, ALL UNDER SINK. VIF LOCATION PRIOR TO INSTALL.
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E7	110 V OUTLET AT CEILING FOR GARAGE DOOR OPENER
E8	50A CAR CHARGER 48" MAX FROM PANEL
E9	*AIR HANDLER UNIT IN ATTIC. VIF LOCATION
E10	PROVIDE ELECTRICAL FOR AC CONDENSER PER MANUF. REQUIREMENTS. VIF SIZE & LOCATION.
E11	LIGHT w/ SWITCH AT ATTIC
*FOR AIR HANDLERS INSTALLED IN ATTICS REFER TO MECHANICAL NOTES #3. RETURN AIR GRILL ON CEILING, 20" x 20" MIN. OR AS REQUIRED PER MANUFACTURER. RECOMMENDATIONS, INSTRUCTIONS MUST BE ON SITE AVAILABLE TO INSPECTOR	
R314.1(C) GENERAL SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314.1	

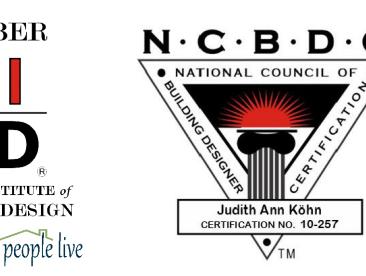
ELECTRICAL KEY SYMBOL		
H.B.	HOSE BIB	
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	SWITCHES	
\$3	3-WAY SWITCH	
\$4	4-WAY SWITCH	
\$5	DIMMER SWITCH	
	ELECTRICAL PANEL	
	ELECTRICAL METER	
	GAS METER	
TWH	TANKLESS WATER HEATER	
	AC DISCONNECT	
	CEILING MOUNTED FAN / LIGHT w/ BRACING	
	CEILING MOUNTED FAN, 4 OR 5 BLADE SWITCH CONTROLLED	
	RECESSED FRACTIONAL HP EXHAUST FAN	
CS	COMBO SMOKE/CARBON MONOXIDE DETECTOR	
S	SMOKE DETECTOR	
GD	GARBAGE DISPOSER	
	RECESSED CAN LIGHT	
	CEILING FIXTURE	
	HANGING CEILING FIXTURE	
	PENDANT CEILING FIXTURE	
	WALL MOUNT FIXTURE	
	VANITY LIGHT FIXTURE	
	24" LED FIXTURE UNDER UPPER CABINET	
	24" FLUORESCENT/LED LIGHT FIXTURE	
	48" FLUORESCENT/LED LIGHT FIXTURE	

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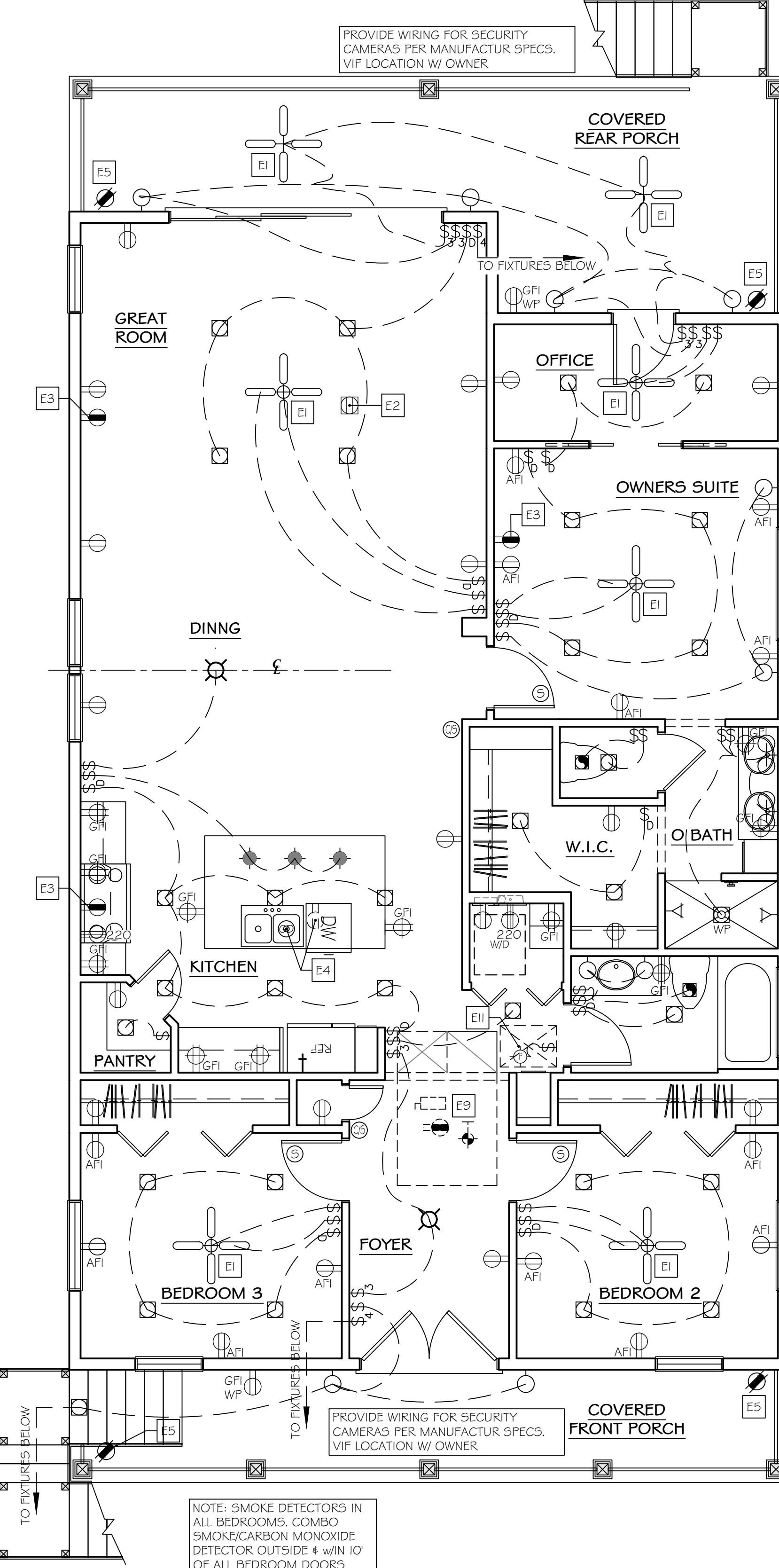
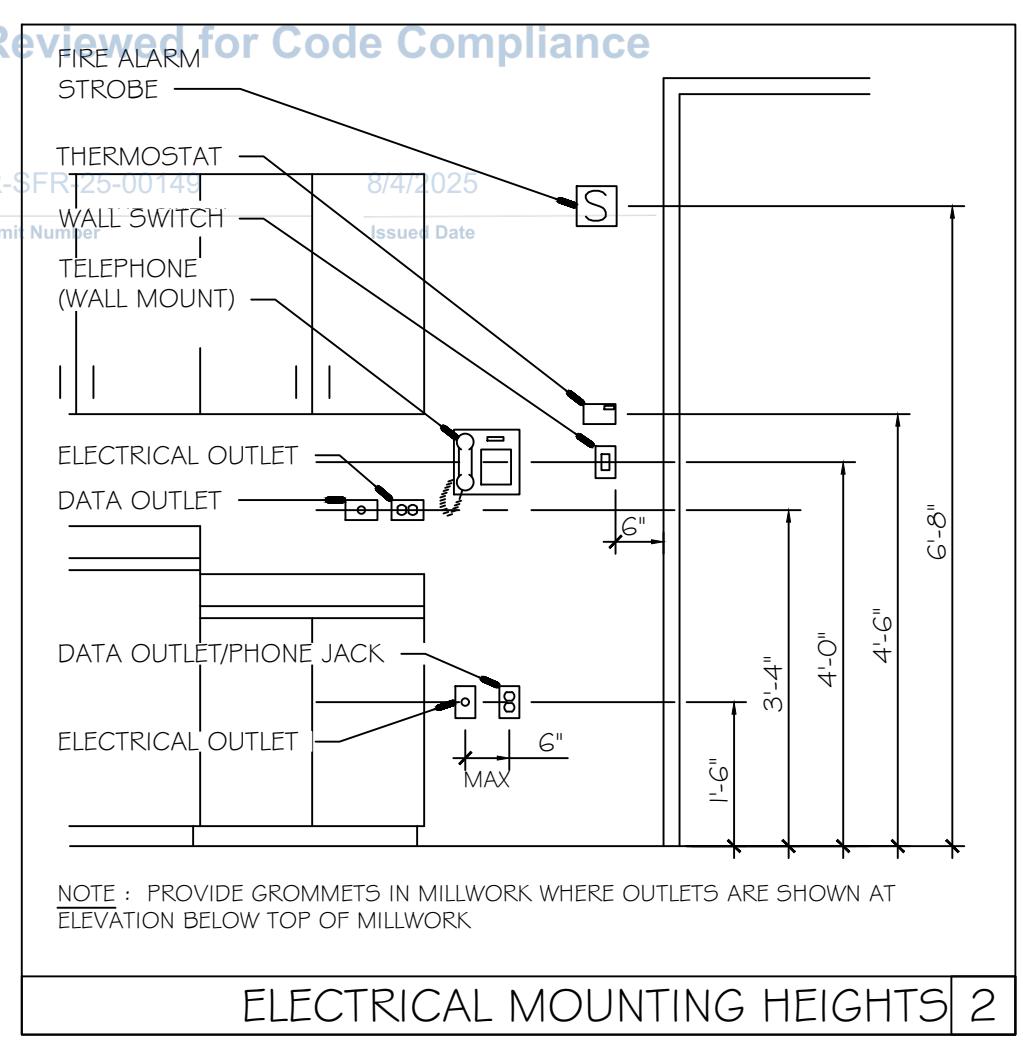
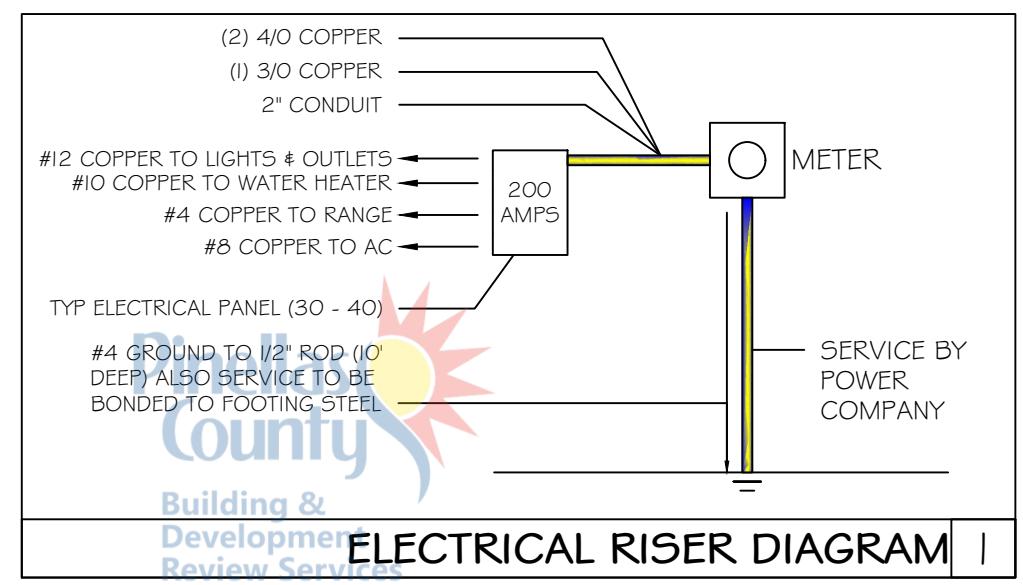
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SCALE: 1/4" = 1'-0"
E.I.O.
ELECTRICAL PLAN



JUDITH ANN KOHN, CPBD, AIBD
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CAMPALONG RESIDENCE
206 11TH AVE
INDIAN ROCKS BEACH | FL | 33785



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- 8) PER NEC SECTIONS R3.14.3 AND R315.1 SMOKE DETECTORS TO BE INSTALLED INSIDE EA SLEEPING AREA
- 9) PROVIDE GAS DROPS AS PER SPECIFICATIONS.
- 10) PRE-WIRE FOR OPTIONAL CEILING FAN PER SPECIFICATIONS. CENTER JUNCTION BOX IN ROOM.
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E8	50A CAR CHARGER 48" MAX FROM PANEL
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	ELECTRICAL PANEL	
	ELECTRICAL METER	
	GAS METER	
TWH	TANKLESS WATER HEATER	
	AC DISCONNECT	
	CEILING MOUNTED FAN / LIGHT w/ BRACING	
	CEILING MOUNTED FAN, 4 OR 5 BLADE SWITCH CONTROLLED	
	RECESSED FRACTIONAL HP EXHAUST FAN	
CS	COMBO SMOKE/CARBON MONOXIDE DETECTOR	
S	SMOKE DETECTOR	
GD	GARBAGE DISPOSER	
	RECESSED CAN LIGHT	
	CEILING FIXTURE	
	HANGING CEILING FIXTURE	
	PENDANT CEILING FIXTURE	
	WALL MOUNT FIXTURE	
	VANITY LIGHT FIXTURE	
	24" LED FIXTURE UNDER UPPER CABINET	
	24" FLUORESCENT/LED LIGHT FIXTURE	
	48" FLUORESCENT/LED LIGHT FIXTURE	

REV DATE DESCRIPTION

A - -

PROJECT NO: 2501-410

DATE: 24.06.2025

DRAWN BY: A. KOHN

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0 2' 4' 8'

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

E1.1



DESIGNS FOR LIVING

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