

5058 WIMBERLEY (A)

DREAM FINDERS HOMES

LOT: 0026, TALICHET

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- D5 TYPICAL STRUCTURAL DETAILS

ADDRESS IDENTIFICATION NOTE (REF. FBC R319.1):

CONTRACTOR TO ENSURE THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES (102 MM) IN HEIGHT WITH A STROKE WIDTH OF NOT LESS THAN 0.5 INCH (12.7 MM).

CODE SUMMARY/ BUILDING DATA:

CONSTRUCTION TYPE:
TYPE: V (UNPROTECTED, UNSPRINKLED)

BUILDING HEIGHT:
BUILDING HEIGHT: 30'-0" +/-

CODE REQUIREMENTS:
THE PROPOSED WORK DEPICTED ON THESE CONSTRUCTION DOCUMENTS, ARE IN COMPLIANCE WITH THE ADOPTED CODES OF THE JURISDICTION OF AUTHORITY, INCLUDING:
- 2020 FLORIDA BUILDING CODE-RESIDENTIAL (1TH EDITION)

WIND SPEED DESIGN:
WIND SPEED DESIGN (IF REQUIRED) SHALL BE FOR 140 MPH.

REVISION SCHEDULE

NO.	DATE	DESCRIPTION	BY
1	01-04-2021	-ADD TILE HATCH TO PANTRY AREA PER DFH -UPDATED CODE REFERENCES TO FBCR 2020 -CREATED COMMUNITY SPECIFIC MASTER PLAN	DH
2	01-14-21	-REDUCE SLAB DEPTH SPEC FROM 4" TO 3.5"	DAL
3	02-01-21	-REPLACED CAN LIGHT W/ CLG. MOUNT @ FOYER	DH
4	02-09-21	-THIS PLAN WAS DERIVED FROM THE 5058 WIMBERLEY (ARDMORE RESERVE) -CREATED NEW PLANS FOR TALICHET REMOVING GAS SERVICE -CHANGED GABLE OVERHANG TO 9' ILO 12'	JF
5	02-23-21	-ADDED ALTERNATE C.U. LOC. FOR HART. COMM. -ADDED 8080 HID. S.G.D. OPTION TO PLANS -ADJUST CLG. MOUNT FIXT. @ FOYER TO SHOW ON 2FL.	DE
6	06-07-21	-TRUSSES APPLIED FOR ELEV. 'A' & 'C' FROM NEW VENDOR (A1)	RP
7	07-13-21	-TRUSSES APPLIED FOR ELEV. 'B' FROM NEW VENDOR (A1)	JA
8	09-14-21		RU

START REVISION SCHEDULE

NO.	DATE	DESCRIPTION	BY
1	09-23-21	-LOT SPECIFIC PLAN PER ORDER RECEIVED (09-22-21) STANDARD OPTIONS: -UTILITY ROOM ILO STORAGE (2ND FLOOR) -ENLARGED KITCHEN ISLAND -PR. 2/6 DRS. @ STUDY CUSTOM OPTIONS: -ELECTRICAL LAYOUT -TILE SHWR. SEAT @ M.B. SHWR. -P.P. SINK @ BONUS ROOM -14"X16" SHWR. NICHE @ B.2, B.3, B.4 -(2) 14"X16" SHWR. NICHE @ M.B. SHWR -TRUSSES APPLIED TO START (DJ TRUSS)	DAL
		-ADJUSTED FILLED CELL LOCATIONS -ADJUSTED WINDOW DESIGN PRESSURES	DAL

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 1TH EDITION

LOT: 0026, TALICHET

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REVISIONS 09-14-21 BY: RW

LA: 09-14-21 BY: RW

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DREAM FINDERS
THE MAKER OF A QUALITY HOME

COVER SHEET

5058 WIMBERLEY
DREAM FINDERS HOMES

DATE 02-28-20
SCALE AS NOTED
DRAWN RDC
JOB 5058
SHEET 00
OF 26 SHEETS

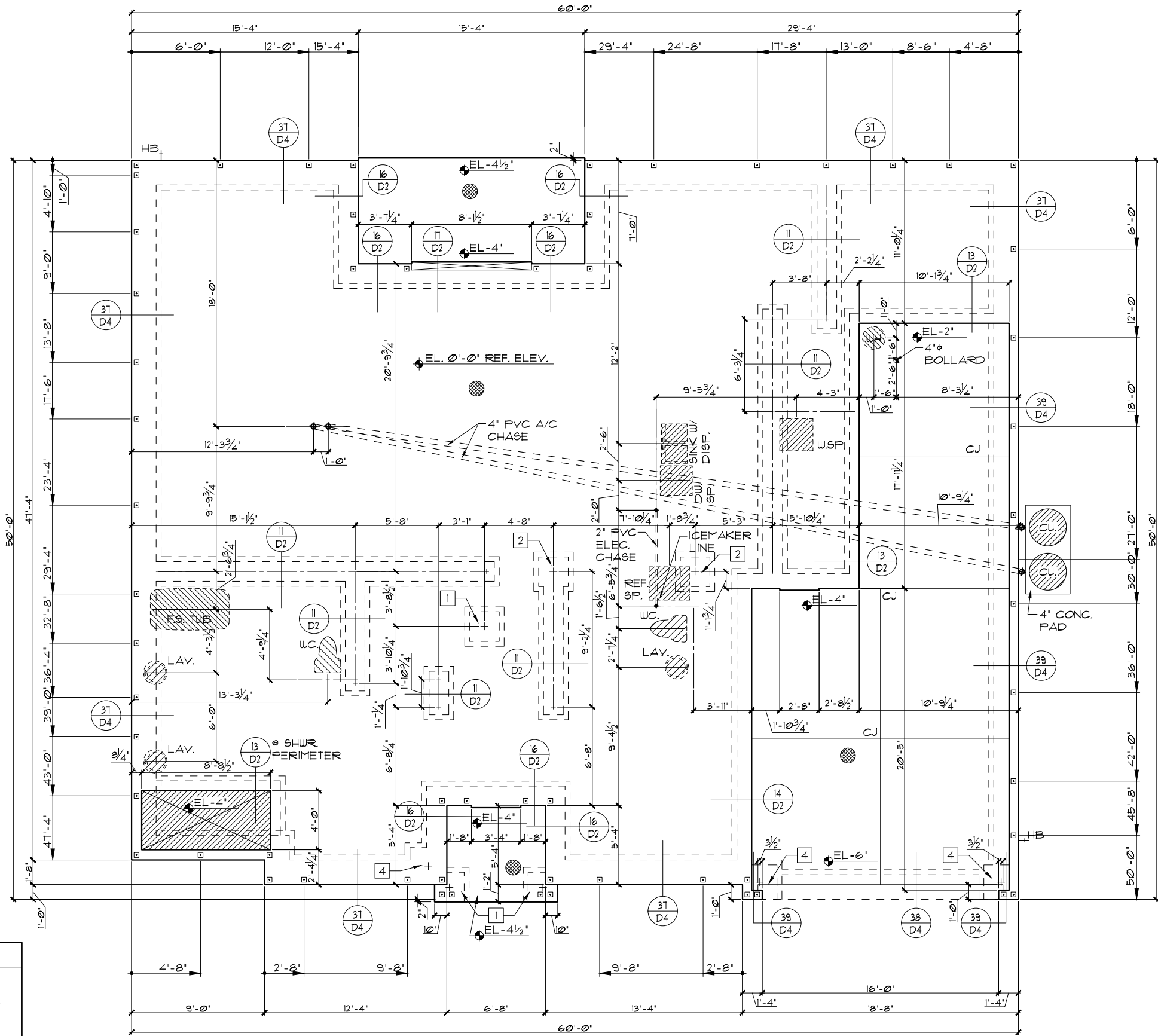
NOTE:
STANDARD C.U. LOCATION SHOWN. CAN BE RELOCATED PER PLOT PLAN

FOUNDATION NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DENOTES FILLED CELL REINFORCED W/ CONC. & (1) #5 REBAR, GRADE 60
3. DENOTES FILLED CELL REINFORCED W/ CONC. & (2) #5 REBAR, GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY AND ALL DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION
5. WATER HEATER T&P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN W/ DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
6. DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I., 3 1/2" THICK W/ 6X6 10/10 GAUGE REINFORCING MAT. W/ MINIMUM 1" COVER. TERMITE TREATED SOIL W/ .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACED IN THE MIDDLE TO UPPER 1/3 OF THE SLAB AND SUPPORTED BY APPROVED SLAB BOLSTERS. ***NOTE: FIBERMESH REINFORCEMENT MAY BE USED AS AN ALTERNATE TO WIRE MESH.
7. PAVERS MAY BE USED ILO CONCRETE IN PATIO, PORCH, DRIVEWAYS AND WALKWAYS. DELETE SLAB IN AREAS PAVERS ARE USED.
8. NOT USED
9. IN LIEU OF TERMITE TREATING THE SOIL, TERMICIDE MAY BE USED AS AN ALTERNATIVE.
10. NOT USED

FOOTING PAD SCHEDULE

- | | |
|---|--------------------------------------|
| 1 | 24" X 24" X 12" W/ (3) #5'S EACH WAY |
| 2 | 30" X 30" X 12" W/ (4) #5'S EACH WAY |
| 3 | 36" X 36" X 12" W/ (5) #5'S EACH WAY |
| 4 | 28" X 28" X 16" W/ (4) #5'S EACH WAY |
| 5 | 36" X 36" X 18" W/ (5) #5'S EACH WAY |
| 6 | 30" X 30" X 20" W/ (4) #5'S EACH WAY |
| C | FOOTING CHANGE / TRANSITION |



FOUNDATION PLAN "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 1TH EDITION

LOT: 0026, TALICHET

REVISIONS 08-14-21 BY: RW

LA: 08-14-21 BY: RW

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DREAM FINDERS THE MAKERS OF A QUALITY HOME	
FOUNDATION PLAN	
5058 WIMBERLEY	DREAM FINDERS HOMES
DATE 02-28-20	SCALE AS NOTED
DRAWN RDC	JOB 5058
SHEET 01A.0	OF 26 SHEETS

TABULATION	
UPPER LIVING	2,925 SF.
LOWER LIVING	2,221 SF.
TOTAL LIVING	5,152 SF.
GARAGE	513 SF.
ENTRY	44 SF.
LANAI	107 SF.
TOTAL UNDER ROOF	5,876 SF.

- GENERAL NOTES
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.

2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.

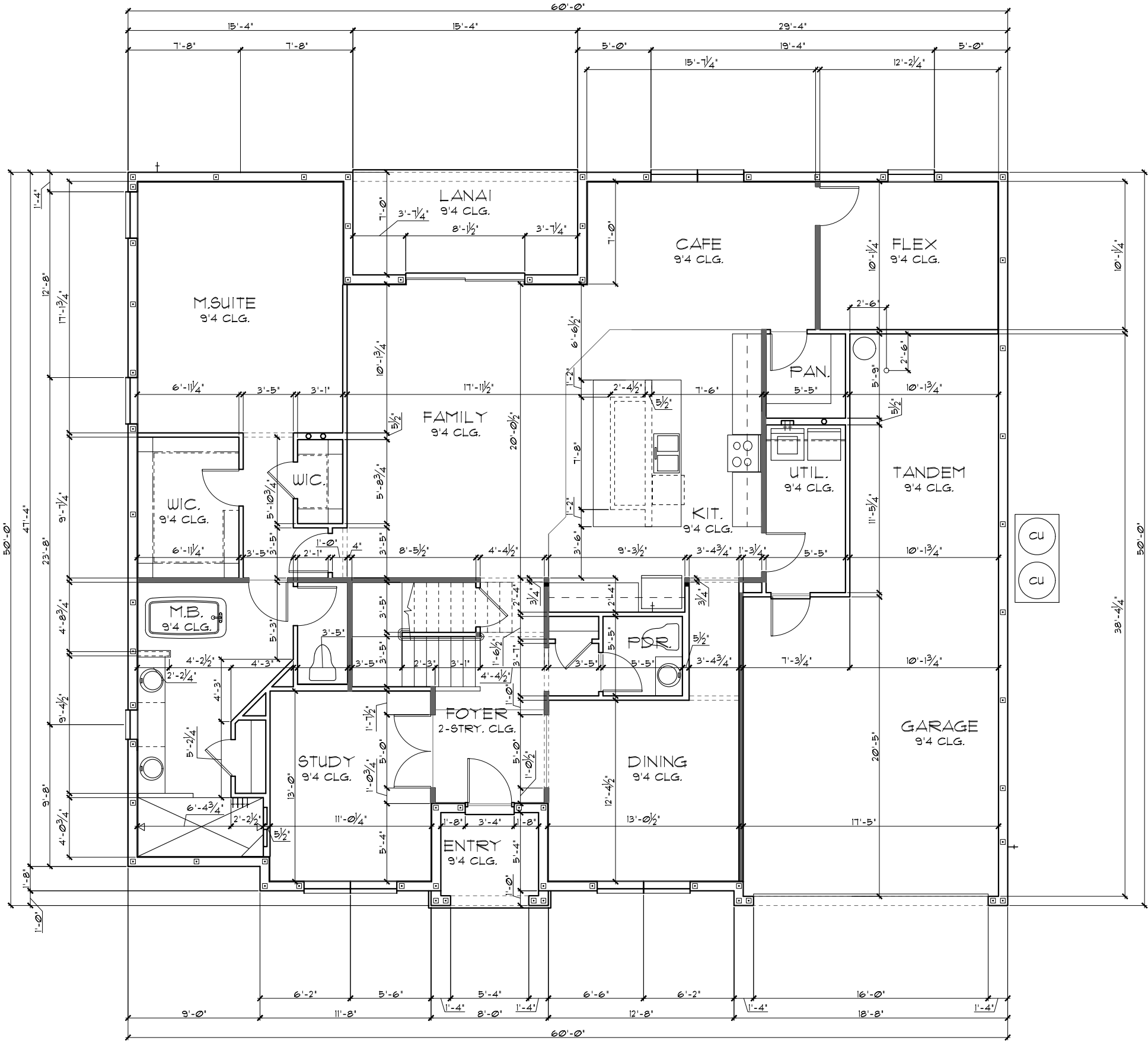
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3 1/2" UNLESS NOTED OTHERWISE.

4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.

5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

FLOOR PLAN W/ DIMENSIONS "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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REVISIONS 08-14-21 BY: RW

CODE 2020

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5058 WIMBERLEY

DREAM FINDERS HOMES

DATE 02-28-20

SCALE AS NOTED

DRAWN RDC

JOB 5058

SHEET 02A.0

OF 26 SHEETS

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DREAM FINDERS
THE MAKERS OF A QUALITY HOME

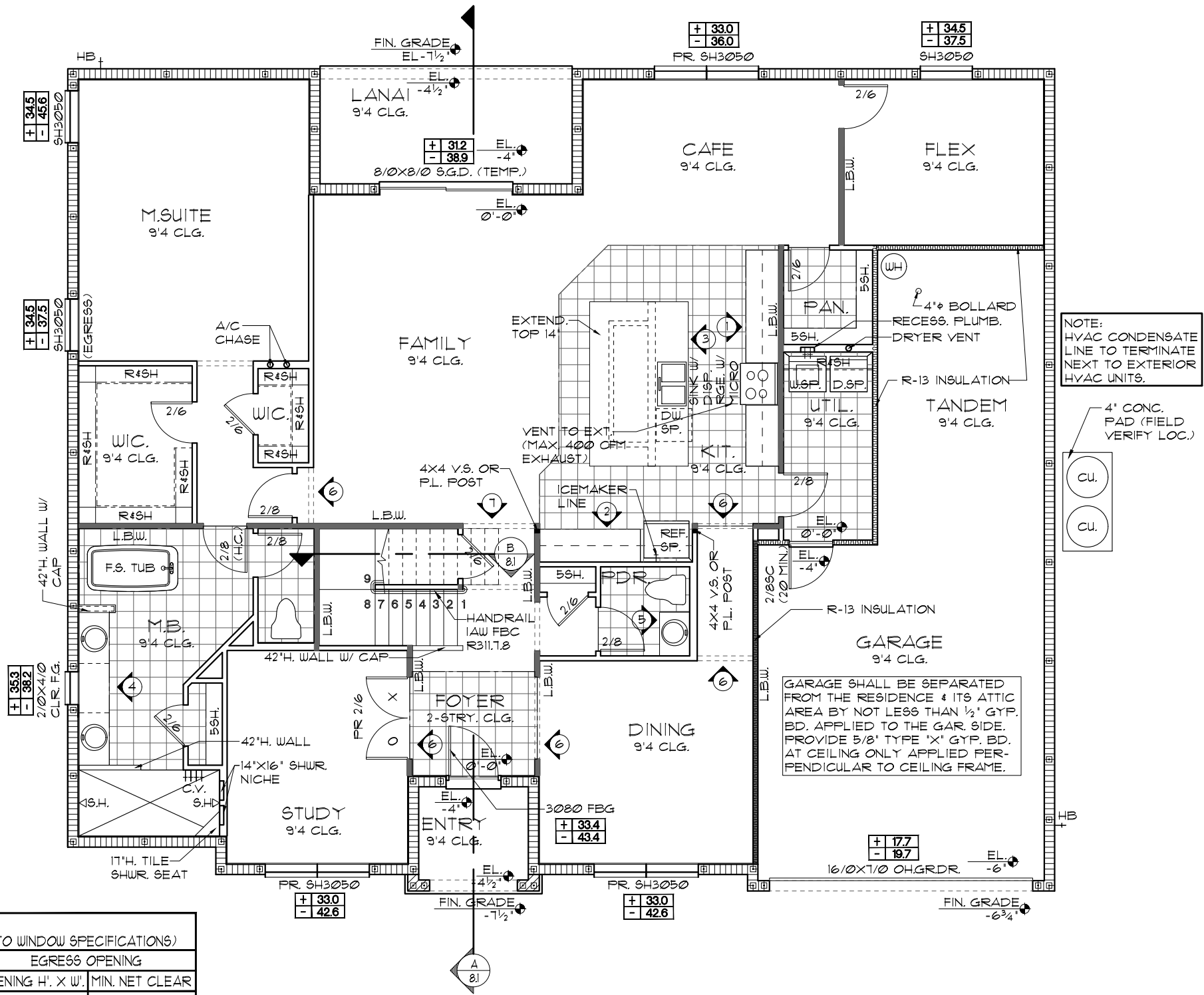
LOAD INFORMATION		
PER 2020 FLORIDA RESIDENTIAL CODE		
DEAD LOADS		
FLOOR: STRUCTURE	-----	1 P/SF
CEILINGS	-----	3 P/SF
MECH/ELEC	-----	5 P/SF
PARTITIONS	-----	5 P/SF
TOTAL	-----	20 P/SF
ROOF: LIVE LOADS		
ROOF: SHEATHING	-----	5 P/SF
STRUCTURE	-----	1 P/SF
CEILINGS	-----	3 P/SF
MECH/ELEC	-----	5 P/SF
TOTAL	-----	20 P/SF
FLOOR LIVE LOADS		
RESIDENTIAL FLOOR:	-----	40 P/SF
ATTIC WITHOUT STORAGE:	-----	10 P/SF
ATTIC WITH LIMITED STORAGE:	-----	20 P/SF
GUARDRAILS & HANDRAILS:	-----	200 LBS
GUARDRAILS IN-FLL COMP.:	-----	50 P/SF
SLEEPING ROOMS:	-----	30 P/SF
ROOMS OTHER THAN SLEEPING:	-----	40 P/SF
STAIR LIVE LOAD:	-----	40 P/SF
ROOF LIVE LOADS		
MINIMUM ROOF LIVE LOAD (P/SF)		
TRIBUTARY LOADED AREA (SQ. FT.)		
FOR ANY STRUCTURAL MEMBER		
ROOF SLOPE	0-200	201-600
0-12 < 4:12	20	16
≥ 4:12 < 12:12	16	14
≥ 12:12	12	12

WIND INFORMATION		
PER 11TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE		
1. BASIC WIND SPEED:	-----	140 MPH
2. RISK CATEGORY:	-----	II
3. BUILDING WIND EXPOSURE:	-----	B
4. INTERNAL PRESSURE	-----	+/- .18, INCLUDED COEFFICIENT: IN NOTE #5
5. COMPONENT / CLADDING	-----	SEE PLAN DESIGN WIND PRESSURE:
+ XXX	DESIGN WIND PRESSURE IAW FLA	
- XXX	RESIDENTIAL CODE, SECTION R301	
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.		

GENERAL NOTES		
1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.		
2. VENT DRYER THRU EXTER. WALL @ FLOOR TRUSS LEVEL		
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.		
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.		
5. NOT USED		
6.	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.	
	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.	
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS		
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES		
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.2 + 1307.3.1		
10. ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.		
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.		

NOTE:
STANDARD C.U. LOCATION SHOWN. CAN BE RELOCATED PER PLOT PLAN
NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" UNO. - VERIFY WITH COLOR SHEET.
NOTE: OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) THICK, OR 20-MINUTE FIRE-RATED DOORS IAW R302.5.1 OF THE FBCR 2020, 11TH ED.

WINDOW SCHEDULE				
(ROUGH OPENINGS ARE APPROXIMATE ONLY, REFER TO WINDOW SPECIFICATIONS)				
WINDOW- FIN (SINGLE HUNG)	ROUGH OPENING		EGRESS OPENING	
	FRAME	BLOCK	OPENING H' X W'	MIN. NET CLEAR
SH2030	24" X 36"			
SH2040	24" X 48"			
SH3030	36" X 36"			
SH3040	36" X 48"			
SH3050	36" X 60"		26.62' X 30.87'	5.71 SQFT
SH3060	36" X 72"		32.62' X 30.87'	7.00 SQFT
SH4040	48" X 48"			
SH4050	48" X 60"		26.62' X 42.87'	7.93 SQFT
SH4060	48" X 72"		32.62' X 42.87'	9.11 SQFT

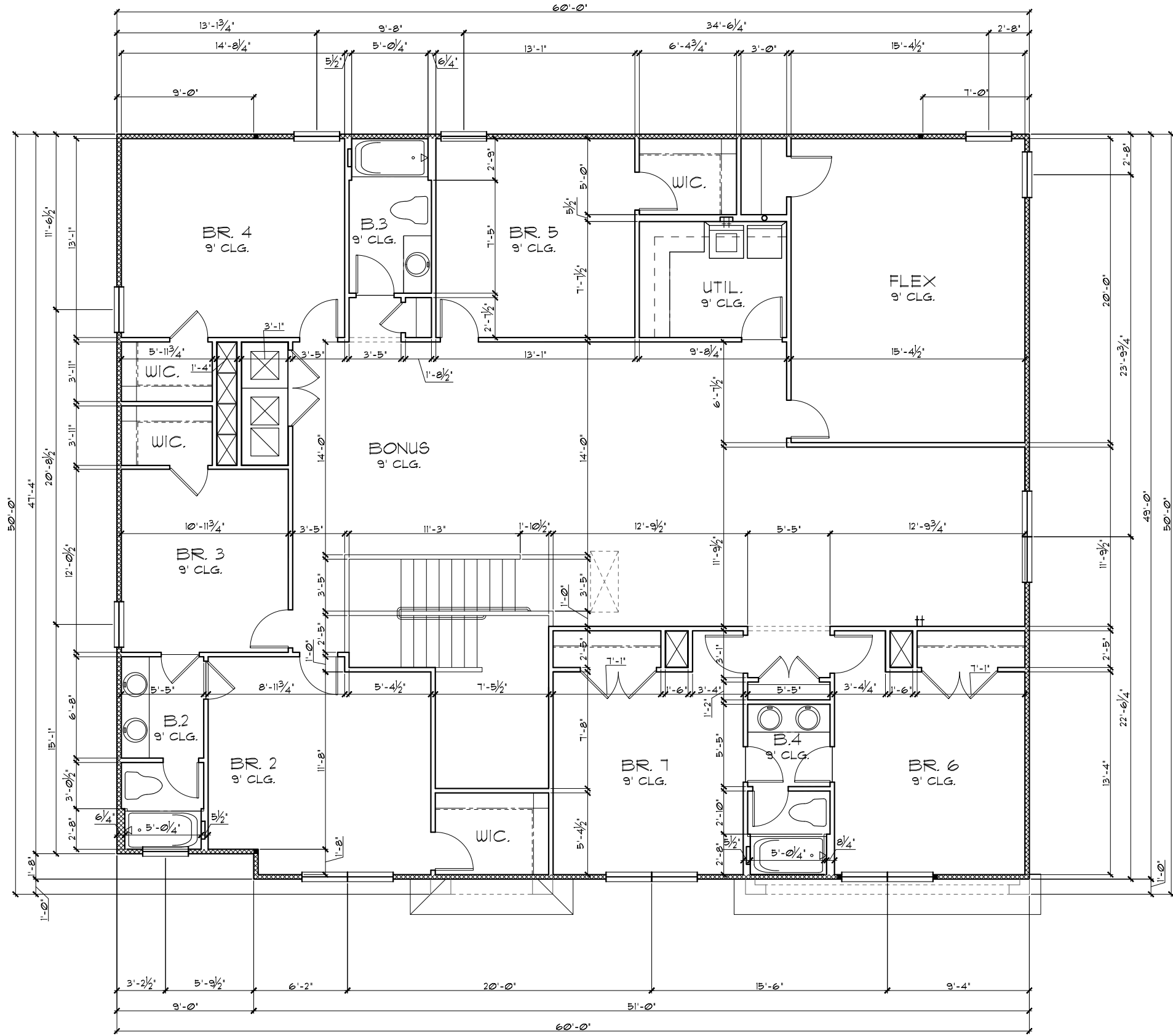


FLOOR PLAN W/ NOTES "A"

- GENERAL NOTES
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3 1/2" UNLESS NOTED OTHERWISE.
 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
 5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

UPPER FLOOR PLAN W/ DIMENSIONS "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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LOT: 0026, TALICHET

CODE 2020

REVISIONS 08-14-21

BY: RW

LA: 08-14-21

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DREAM FINDERS
THE MAKER OF A QUALITY HOME

UPPER FLOOR PLAN W/
DIMENSIONS

5058 WIMBERLEY
DREAM FINDERS HOMES

DATE 02-28-20
SCALE AS NOTED
DRAWN RDC
JOB 5058
SHEET
04A.0
OF 26 SHEETS

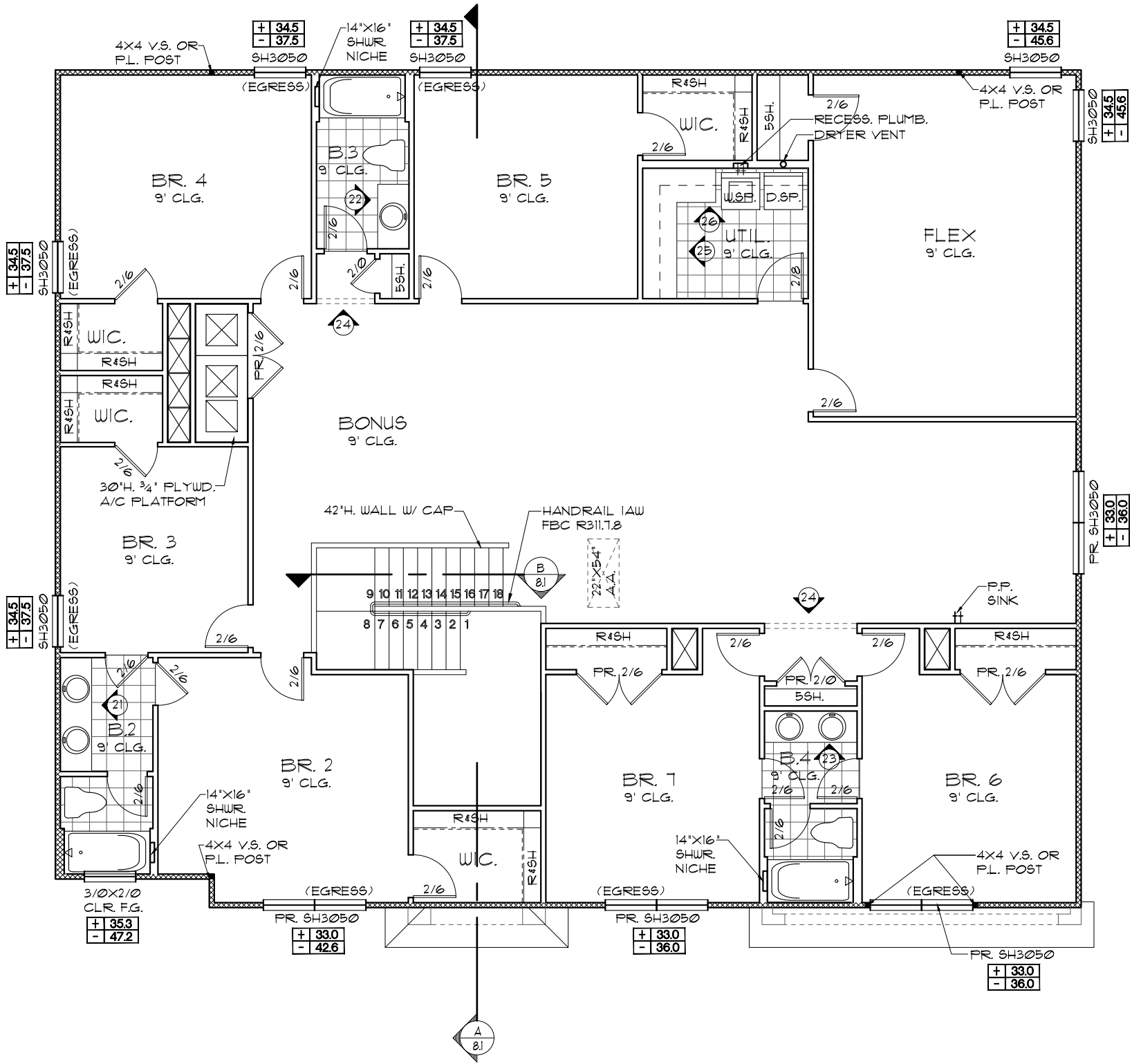
LOAD INFORMATION		
PER 2020 FLORIDA RESIDENTIAL CODE		
DEAD LOADS		
FLOOR: STRUCTURE	-----	1 PSF
CEILINGS	-----	3 PSF
MECH/ELEC	-----	5 PSF
PARTITIONS	-----	5 PSF
TOTAL	-----	20 PSF
ROOF: SHEATHING	-----	5 PSF
STRUCTURE	-----	1 PSF
CEILINGS	-----	3 PSF
MECH/ELEC	-----	5 PSF
TOTAL	-----	20 PSF
FLOOR LIVE LOADS		
RESIDENTIAL FLOOR:	-----	40 PSF
ATTIC WITHOUT STORAGE:	-----	10 PSF
ATTIC WITH LIMITED STORAGE:	-----	20 PSF
GUARDRAILS & HANDRAILS:	-----	200 LBS
GUARDRAILS IN-FLL COMP.:	-----	50 PSF
SLEEPING ROOMS:	-----	30 PSF
ROOMS OTHER THAN SLEEPING:	-----	40 PSF
STAIR LIVE LOAD:	-----	40 PSF
ROOF LIVE LOADS		
MINIMUM ROOF LIVE LOAD (PSF)		
TRIBUTARY LOADED AREA (SQ. FT.)		
FOR ANY STRUCTURAL MEMBER		
ROOF SLOPE	0-200	201-600
0:12 < 4:12	20	16
≥ 4:12 < 12:12	16	14
≥ 12:12	12	12

WIND INFORMATION		
PER 1TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE		
1. BASIC WIND SPEED:	-----	140 MPH
2. RISK CATEGORY:	-----	II
3. WIND EXPOSURE:	-----	B
4. INTERNAL PRESSURE COEFFICIENT:	-----	IN NOTE #5
5. COMPONENT / CLADDING:	-----	SEE PLAN DESIGN WIND PRESSURE:
+ XXX	DESIGN WIND PRESSURE IAW FLA	
- XXX	RESIDENTIAL CODE, SECTION R301	
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.		

GENERAL NOTES		
1.	PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.	
2.	VENT DRYER THRU EXT. WALL OR ROOF	
3.	PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.	
4.	DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.	
5.	REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES	
6.	ALL 2ND. FLR. INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.	
7.	 DENOTES EXT. LOAD BRG. WALL HGT. @ 9'-0" A.F.F.	
8.	REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS	

UPPER FLOOR PLAN W/ NOTES "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8\"

LOT: 0026, TALICHET

REVISIONS 08-14-21

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UPPER FLOOR PLAN W/ NOTES

5058 WIMBERLEY

DREAM FINDERS HOMES

DATE 02-28-20

SCALE AS NOTED

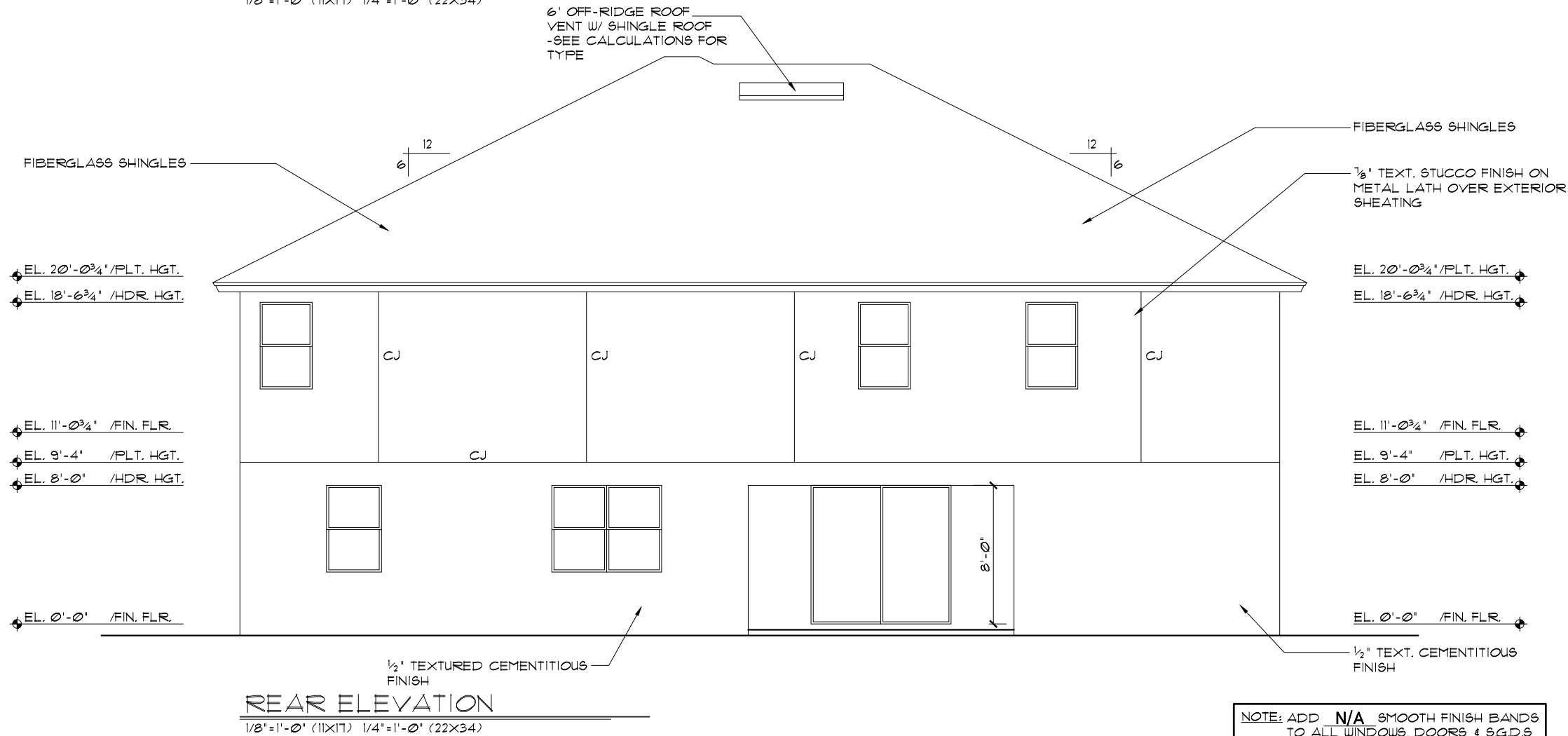
DRAWN RDC

JOB 5058

SHEET 05A.0

OF 26 SHEETS

- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR, 2020
 2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR, 2020
 3. WEEP SCREED TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR, 2020
 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR, 2020
 5. 'ZIP SYSTEMS' WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.



NOTE: ADD N/A SMOOTH FINISH BANDS TO ALL WINDOWS, DOORS & S.G.D.S (TYP @ SIDES & REAR ELEVATIONS)

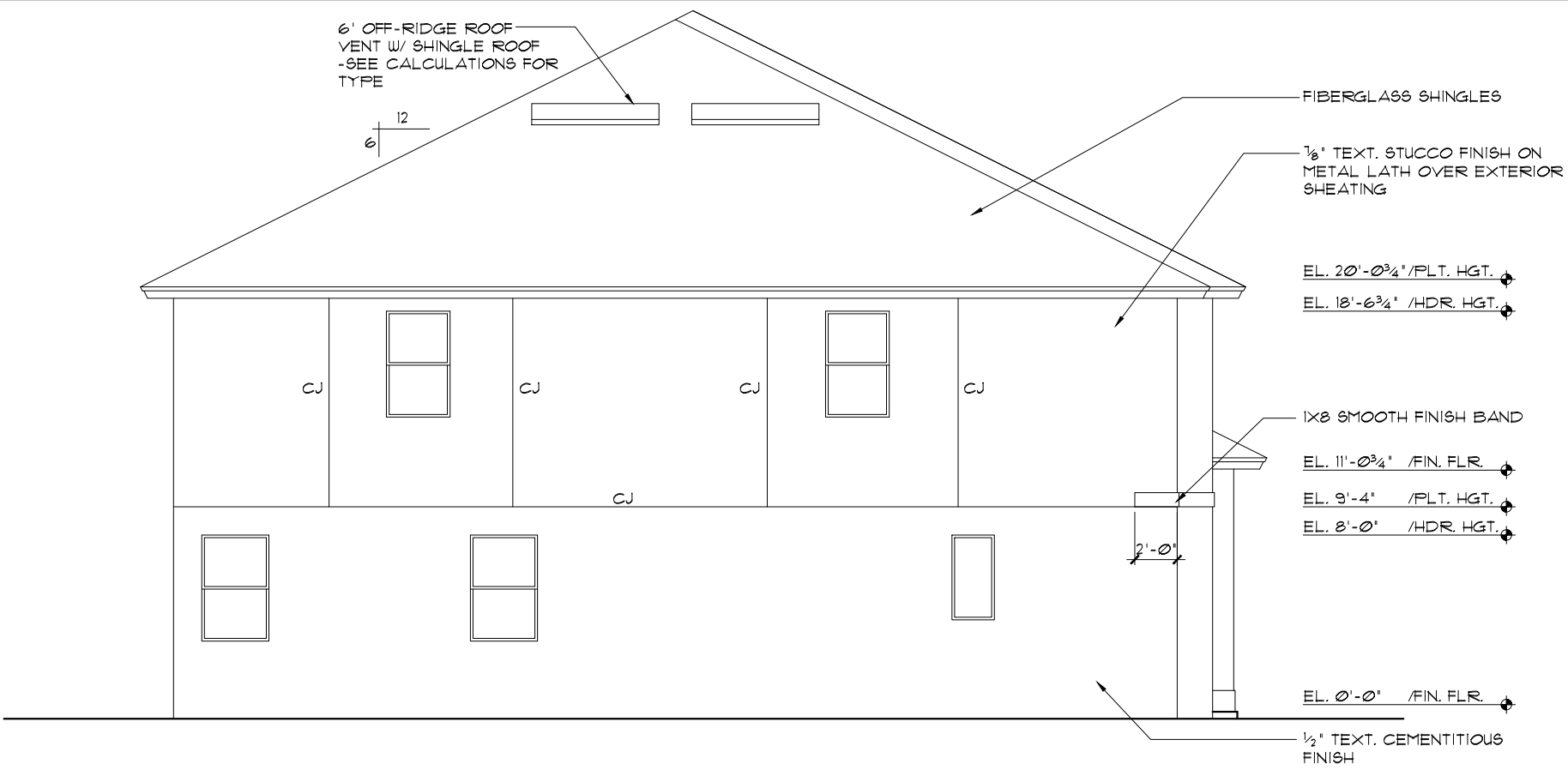
- EXTERIOR FINISH NOTES
1. LATH TO BE ATTACHED IAW R103.7.1 OF THE 11TH EDITION, FBCR, 2020

2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.7.2 OF THE 11TH EDITION, FBCR, 2020

3. WEEP SCREED TO BE INSTALLED IAW R103.7.2.1 OF THE 11TH EDITION, FBCR, 2020

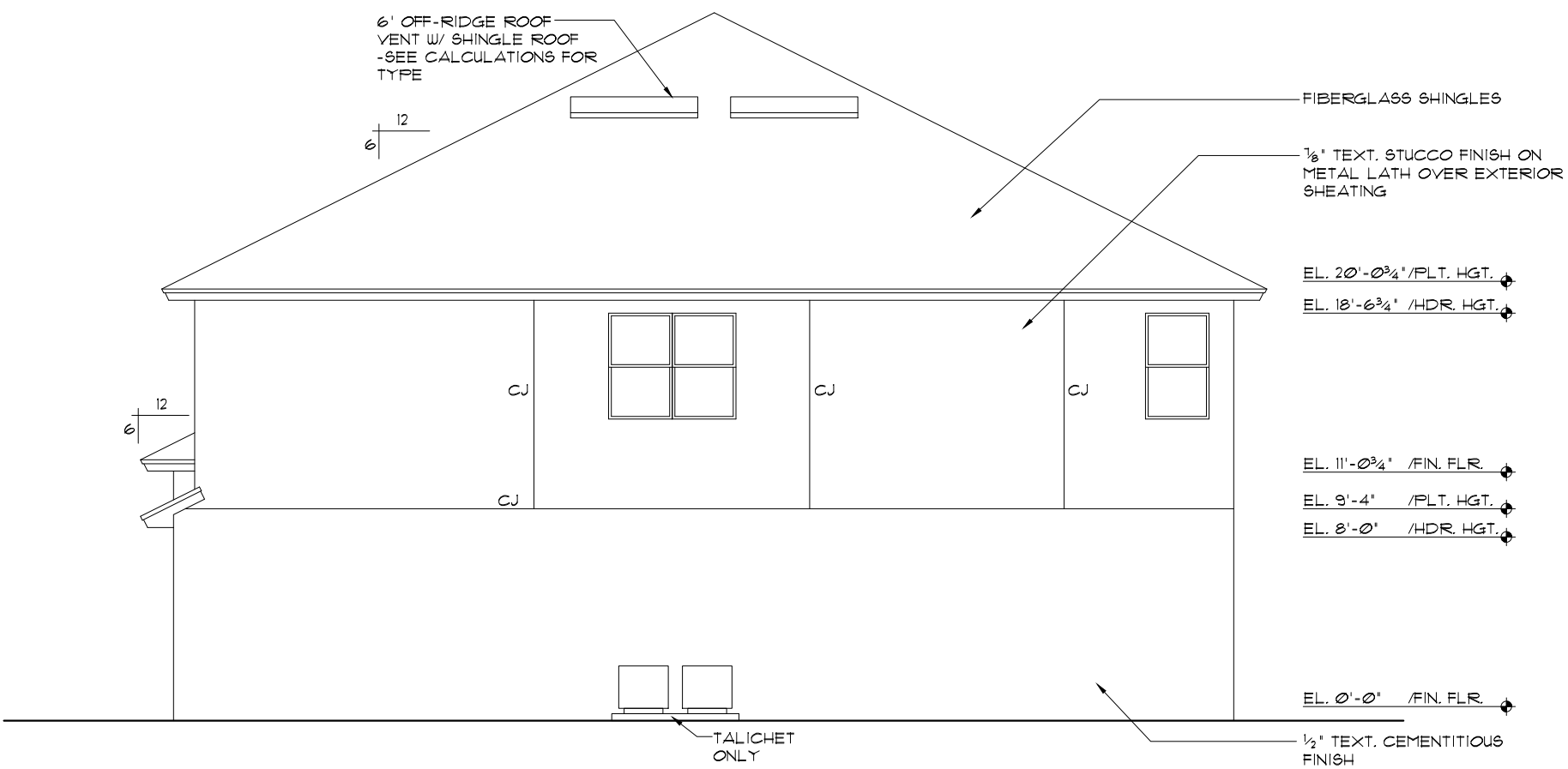
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.7.3 OF THE 11TH EDITION, FBCR, 2020

5. 'ZIP SYSTEMS' WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.



LEFT ELEVATION "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



RIGHT ELEVATION "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

NOTE: ADD N/A SMOOTH FINISH BANDS TO ALL WINDOWS, DOORS & S.G.D.S (TYP @ SIDES & REAR ELEVATIONS)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 11TH EDITION

LOT: 0026, TALICHET

LA: 08-14-21 BY: RW

REVISIONS

08-14-21

BY: RW

CODE 2020

REVISIONS

08-14-21

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DREAM FINDERS

THE MAKERS OF A QUALITY HOME

EXTERIOR ELEVATION

LEFT AND RIGHT

5058 WIMBERLEY

DREAM FINDERS HOMES

DATE

02-28-20

SCALE

AS NOTED

DRAWN

RDC

JOB

5058

SHEET

07A.0

OF

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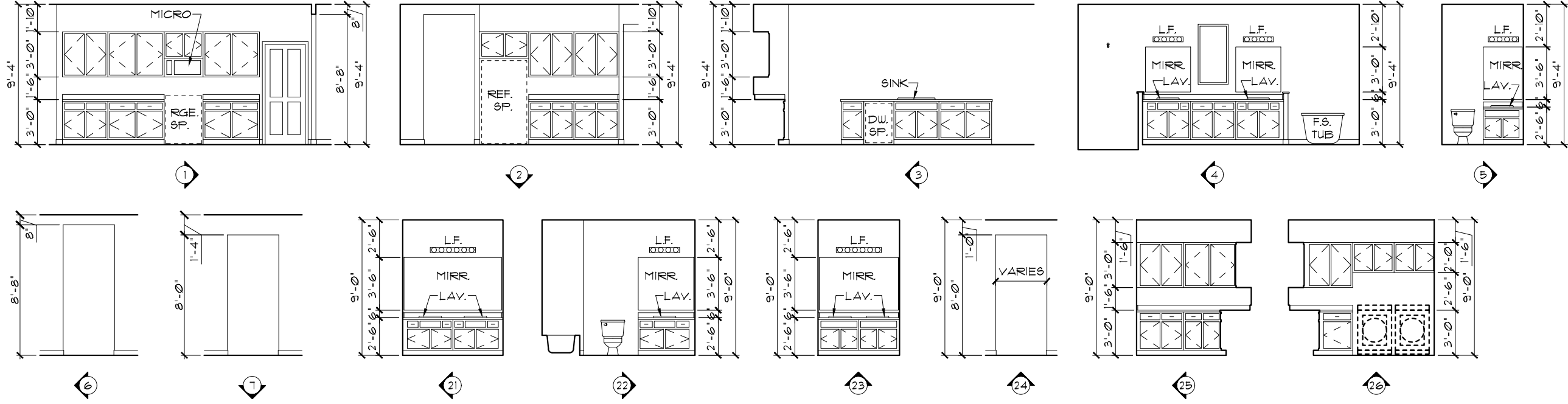
SHEETS

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INTERIOR ELEVATIONS

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 1TH EDITION

LOT: 0026, TALICHET

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DATE	02-28-20
SCALE	AS NOTED
DRAWN	RDC
JOB	5058
SHEET	08.0
OF	26 SHEETS

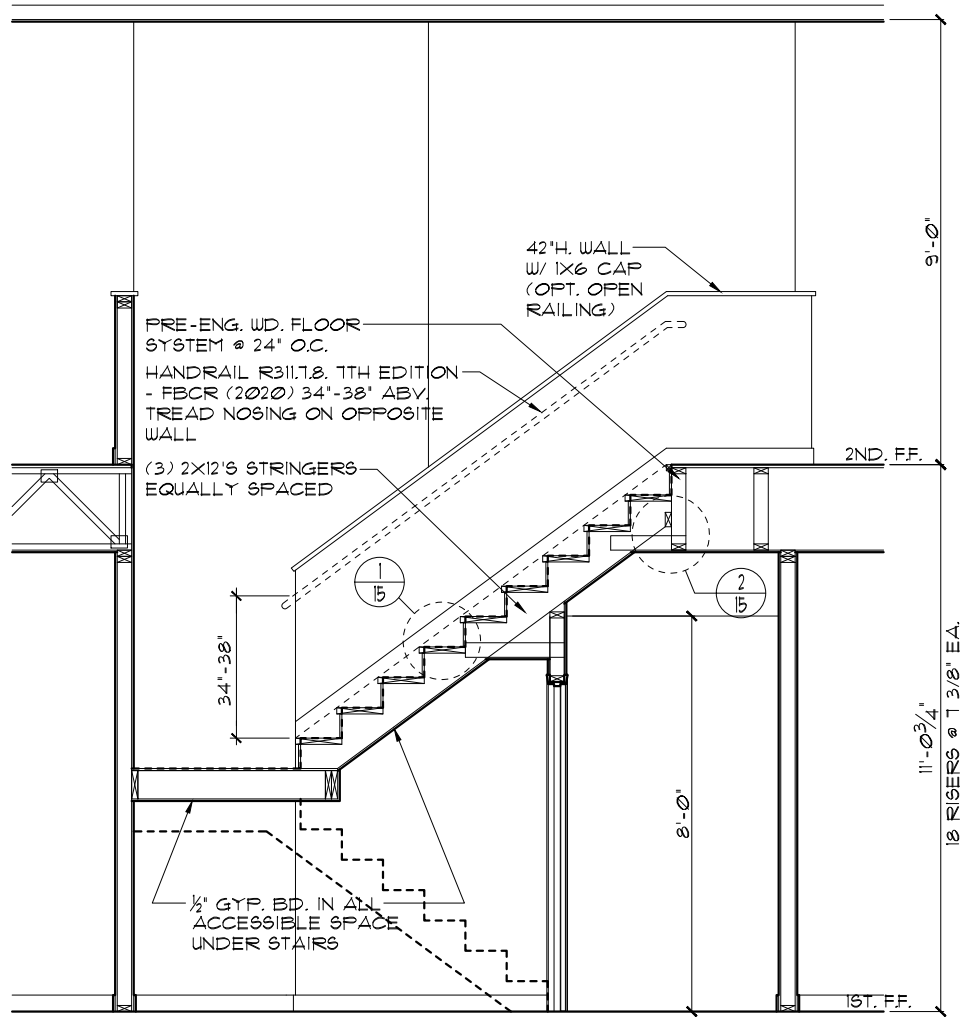
5058 WIMBERLEY	INTERIOR ELEVATIONS	 DREAM FINDERS THE MAKERS OF A QUALITY HOME
Engineering By: PRASHAKAR N. JAGTAP, P.E. 5890 MARLBERRY DRIVE ORLANDO, FL 32819 PHONE: 407-345-0010 INFO@RDCFLA.COM J.JAGTAP@RDCFLA.COM		

CODE 2020

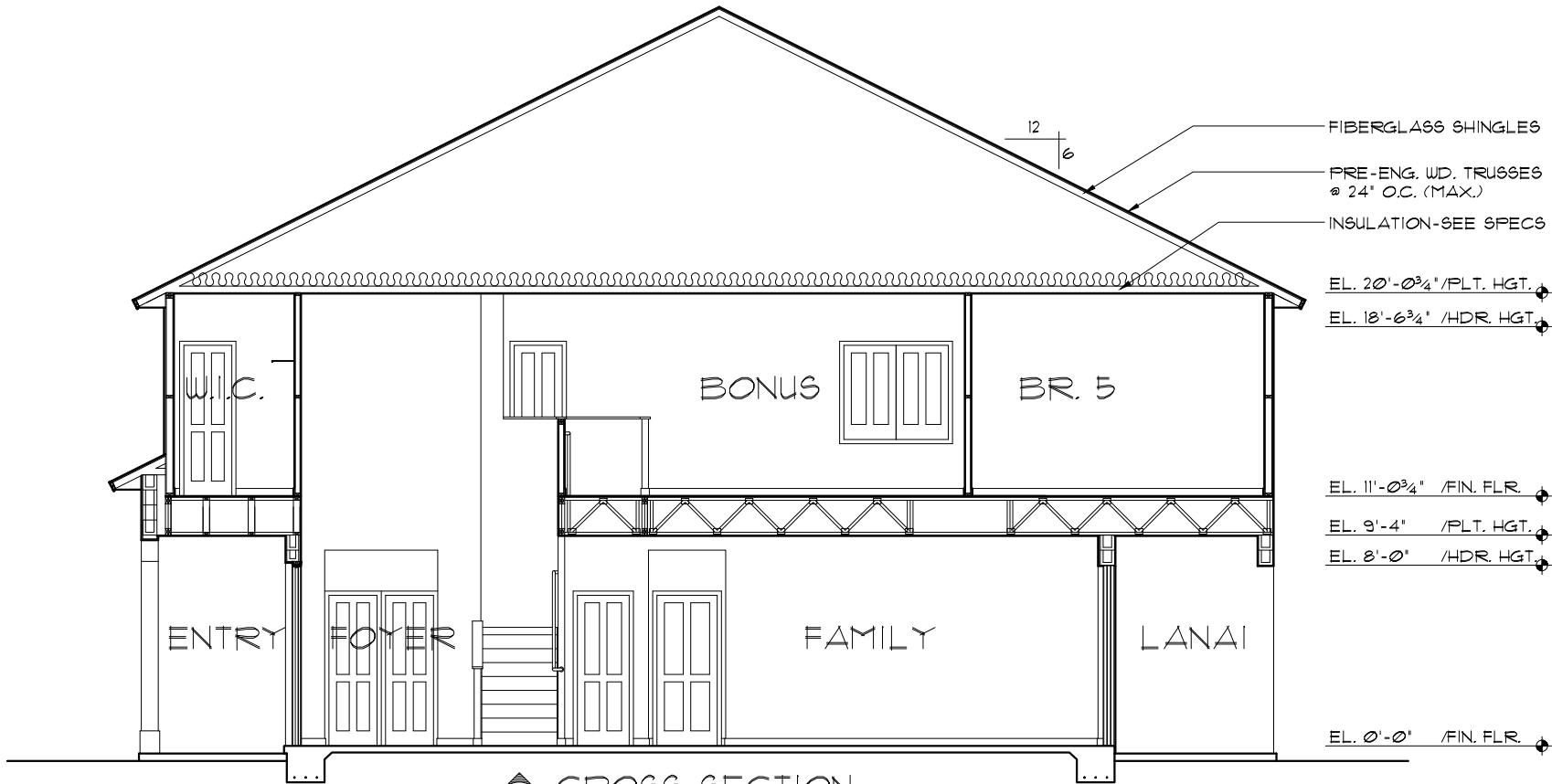
REVISIONS 08-14-21

BY: RW

LA: 08-14-21 BY: RW



E STAIR SECTION
 1/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)



A CROSS SECTION
 1/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)

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CODE 2020

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CROSS SECTION/ STAIR SECTION

5058 WIMBERLEY

DREAM FINDERS HOMES

DATE 02-28-20

SCALE AS NOTED

DRAWN RDC

JOB 5058

SHEET 08.1 OF 26 SHEETS

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DREAM FINDERS
 THE MAKER OF A QUALITY HOME

LA 08-14-21 BY: RW

MECHANICAL/ELECTRICAL NOTES

PER 11TH ED. 2020 FLA BLD. CODE-RESIDENTIAL

1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

2.) SUFFICIENT SPACE SHALL BE PROVIDED ADJACENT TO THE MECHANICAL COMPONENTS TO ASSURE ADEQUATE ACCESS FOR:
A) CONSTRUCTION AND SEALING, AND
B) SECTION M1601 PER THE FBCR 2020 11TH ED.

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 11TH EDITION.

4.) 1AW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS THAT SUPPLY OUTLETS IN DWELLING UNITS- FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

5.) 1AW NEC 2017- 406.11, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION 1AW FBCR R314.3 & R314.4. MODEL* TO BE USED ON THIS JOB TO BE:
BRK: SMOKE-9120B, C/O- SC9120B
KIDDE: SMOKE-21007581, C/O 21006377-N

7.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. 1AW FBCR 2020, 11TH ED. F280.17

8.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. 1AW FBCR 2020, 11TH ED.

9.) THE TOTAL DEVELOPED LENGTH OF VENTING FOR DRYER TO BE: **25'-0" MAXIMUM**-THE EXHAUST DUCT SHALL TERMINATE NOT LESS THAN 3 FEET (914MM) IN ANY DIRECTION FROM OPENINGS INTO BUILDINGS.
PER FBCR 2020, 11TH ED. M1502.3

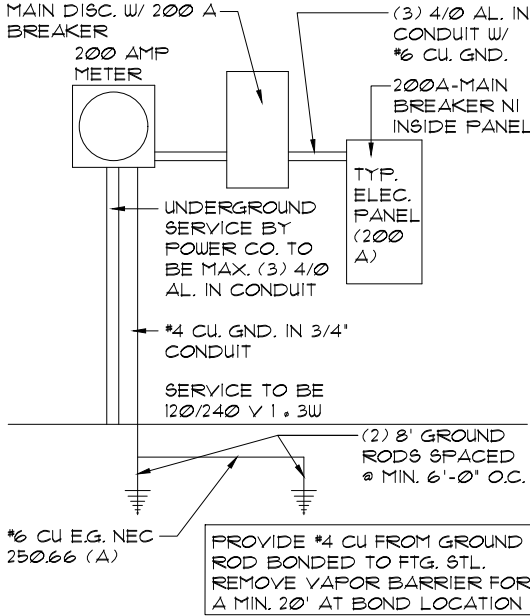
10.) FEEDER CONDUCTORS SHALL BE SIZED FOR A MAX. VOLTAGE DROP OF 2% AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAX. VOLTAGE DROP OF 3% AT DESIGN LOAD.

ELECTRICAL LEGEND

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	◻	CHIMES
⊞	OUT. 110-115, W/ USB	◻	SMOKE DETECTOR
⊞	OUT. 110-115, CLG. MOUNT.	◻	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	◻	PUSH BUTTON
⊞	SPCL. PURPOSE 220-240	◻	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	◻	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	◻	DISPOSAL
⊞	LIGHT FIXT., RECESSED	◻	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	◻	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., PULL CHAIN	◻	CEILING FAN, INSTALL
⊞	LIGHT FIXT., FLUORESCENT	◻	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	◻	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	◻	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	◻	ELEC. POWER METER

NOTE:

ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.



ELECTRICAL RISER DIAGRAM

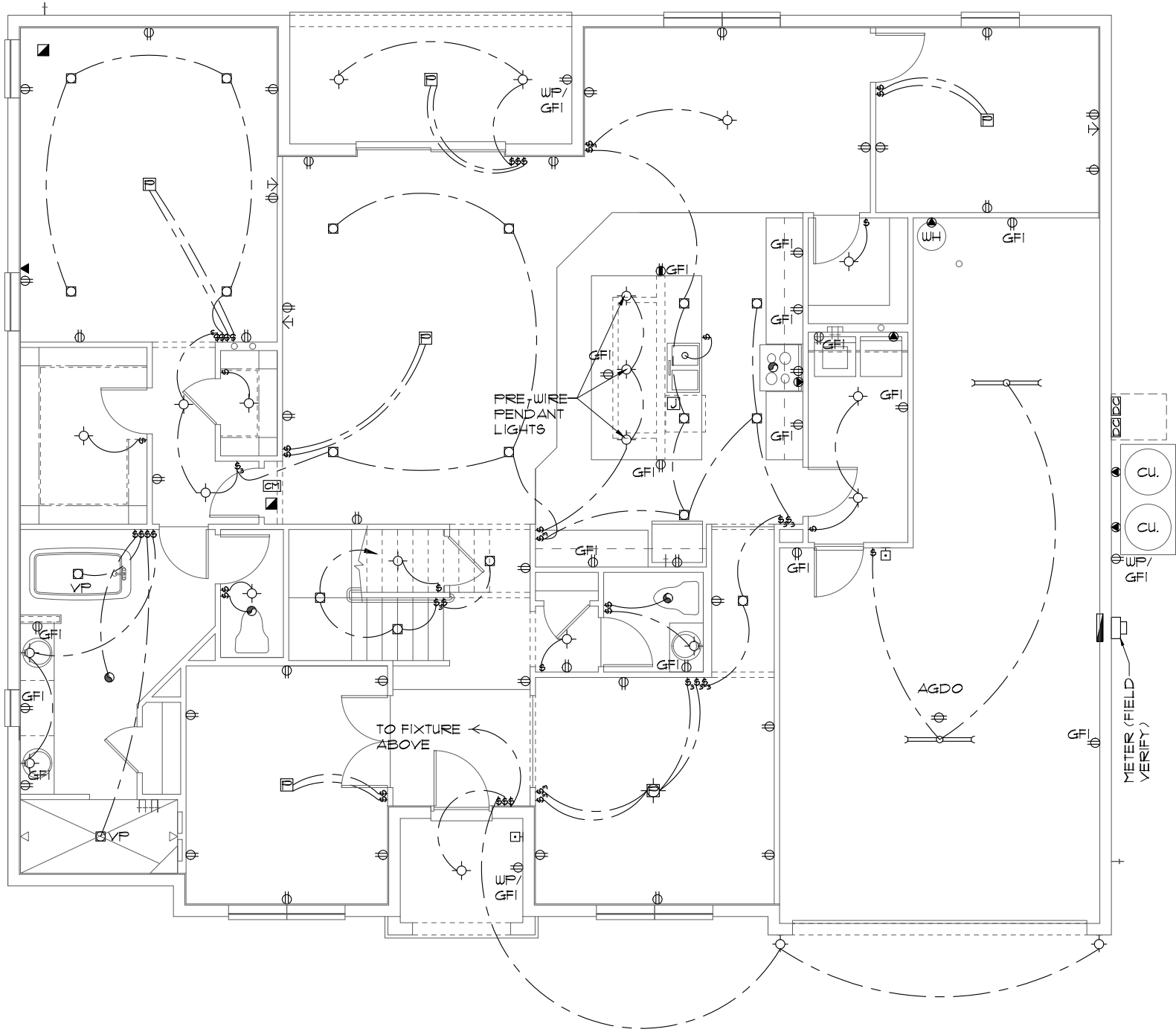
N.T.S.

NOTE:

EC TO VERIFY AFC W/ UTIL. PRIOR TO ORDERING GEAR TO ENSURE CORRECT AIC RATING

ELECTRICAL PLAN "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



NOTE:

- ALL KITCHEN COUNTER OUTLETS TO BE INSTALLED HORIZONTALLY @ 50" AFF TO CENTERLINE OF OUTLET
- ALL BATHROOM VANITY OUTLETS TO BE INSTALLED HORIZONTALLY @ 44" AFF TO CENTERLINE OF OUTLET

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 11TH EDITION

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REVISIONS 08-14-21 BY: RW

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DREAM FINDERS
THE MAKERS OF A QUALITY HOME

ELECTRICAL PLAN

5058 WIMBERLEY
DREAM FINDERS HOMES

DATE 02-28-20
SCALE AS NOTED
DRAWN RDC
JOB 5058
SHEET 09A.0
OF 26 SHEETS

MECHANICAL/ELECTRICAL NOTES

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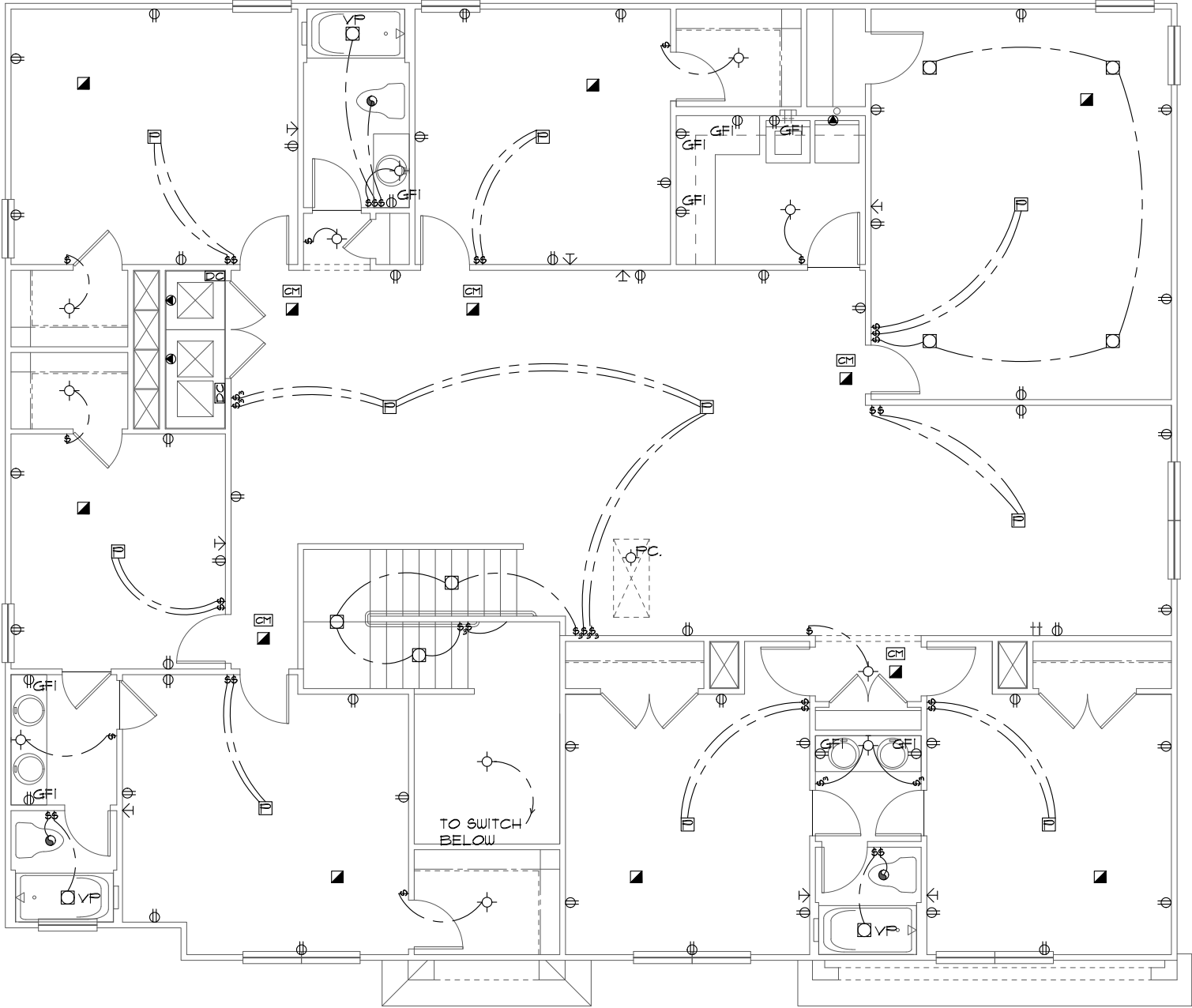
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Ⓢ	LIGHT FIXT., CLG. MTD.	Ⓜ	EX. FAN/LIGHT COMBO
Ⓢ	LIGHT FIXT., WALL MTD.	Ⓜ	DISPOSAL
Ⓢ	LIGHT FIXT., RECESSED	Ⓜ	ELECTRICAL PANEL
Ⓢ	LIGHT FIXT., REC. ADJUST.	Ⓜ	CEILING FAN, PREWIRE
Ⓢ	LIGHT FIXT., PULL CHAIN	Ⓜ	CEILING FAN, INSTALL
Ⓢ	LIGHT FIXT.,FLUORESCENT	Ⓜ	ELECT. JUNCTION BOX
Ⓢ	LIGHT FIXT., EXT. FLOODS	Ⓜ	THERMOSTAT
Ⓢ	LIGHT FIXT., EMERG. EXIT	Ⓜ	DISCONNECT SWITCH
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ELECTRICAL PLAN "A"

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NOTE:

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LA: 08-14-21 BY: RW

REVISIONS

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CODE 2020

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DREAM FINDERS

THE MARK OF A QUALITY HOME

ELECTRICAL PLAN

5058 WIMBERLEY

DREAM FINDERS HOMES

DATE

02-28-20

SCALE

AS NOTED

DRAWN

RDC

JOB

5058

SHEET

10A.0

OF 26 SHEETS

ATTIC VENTILATION CALCULATIONS

PER FBC 2020, 11TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/300 OF VENTED SPACE:

TOTAL VENTED SPACE: $\frac{29258\text{F.}}{300} = 9.758\text{F.}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: 4.358F.
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .878F. /VENT.
(TILE: O'HAGIN MODEL 'S' (.855F.), SHINGLE: LOMANCO 110-D (4"=.798F., 6"=.819F.)
LOWER PORTION VENTILATION TOTAL: 19.149F.
PROVIDED W/OFFITS @ EAVE: 280L.F. @ 0.0878F VENTING/L.F.

UPPER PORTION PERCENTAGE: 45%
LOWER PORTION PERCENTAGE: 55%

BEAM SCHEDULE

BEAM 1: (2) 2X12'S W/ 1/2" PLYWD. FLITCH PLATE
BEAM 2: (2) PLY 1-3/4"X12" LVL
BEAM 3: (3) PLY 1-3/4"X12" LVL

HEADER SCHEDULE

H-1: (2) 2X8'S W/ 1/2" PLYWD. FLITCH PLATE W/ (6) 16d NAILS EA. END TO BYPASS STUDS. NO ADDITIONAL STRAPPING IS REQ'D.
H-2: (2) 2X12'S W/ 1/2" PLYWD. FLITCH PLATE W/ (6) 16d NAILS EA. END TO BYPASS STUDS. PROVIDE (2) JACK & (2) BYPASS STUDS EA. END W/ ST-18 & SPH6 EA. STUD & A.B. W/ 1 6"

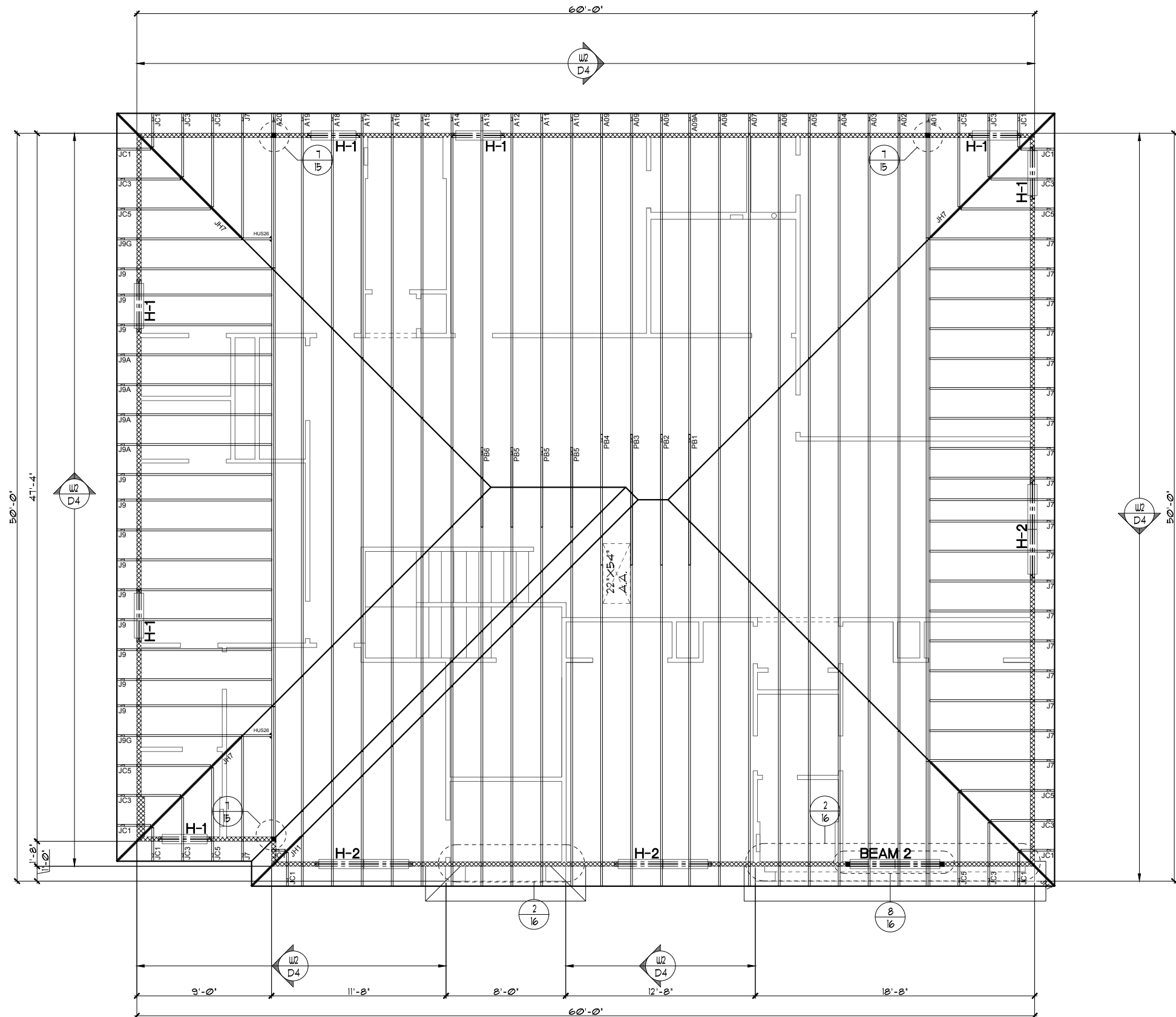
NOTE: FOR WALL WIDTHS GREATER THAN 3-1/2", REFER TO BOX HEADER DETAIL 6/ D1 FOR PROPER INSTALLATION OF HEADER

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 9" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 2020 FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC51.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH ED. R305.3
OR
SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH ED. R305.1.1

UPPER TRUSS LAYOUT "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



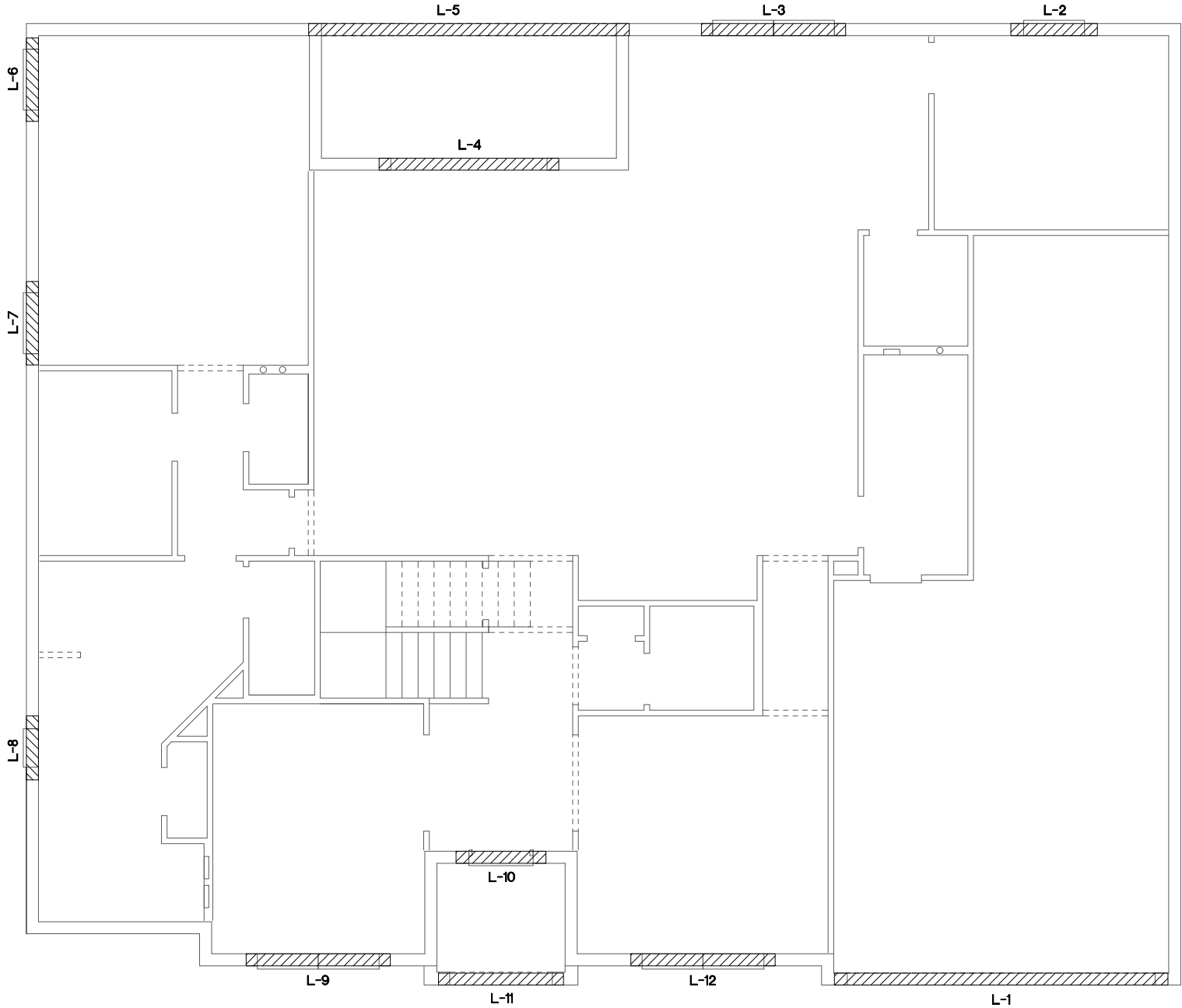
NOTE:

1. LINTEL DEPTH(S) ARE RELATIVE TO FINISHED FLOOR, CONTRACTOR IS ALLOWED A VARIANCE IN DEPTH OF PLUS/MINUS 4" U.N.O.

CAST CRETE / LOTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	2F34-1B/1T	GARAGE DOOR SEE NOTE #1
L-2	4'-6"	2F16-0B/1T	5H3050
L-3	7'-6"	2F16-0B/1T	FR 5H3050
L-4	9'-4"	2F16-0B/1T	8'0X8'0 S.G.D.
L-5	16'-8"	2F16-1B/1T	LANAI
L-6	4'-6"	2F16-0B/1T	5H3050
L-7	4'-6"	2F16-0B/1T	5H3050
L-8	3'-6"	2F16-0B/1T	2'0X4'0 F.G.
L-9	7'-6"	2F16-0B/1T	FR 5H3050
L-10	4'-6"	2RF12-0B/1T	3080 ENTRY DOOR
L-11	6'-6"	2F32-0B/1T	FRONT ENTRY
L-12	7'-6"	2F16-0B/1T	FR 5H3050
L-13			
L-14			
L-15			
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PRE CAST LINTEL LAYOUT "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 7TH EDITION

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DREAM FINDERS HOMES

PRE CAST LINTEL LAYOUT



DREAM FINDERS
THE MAKERS OF A QUALITY HOME



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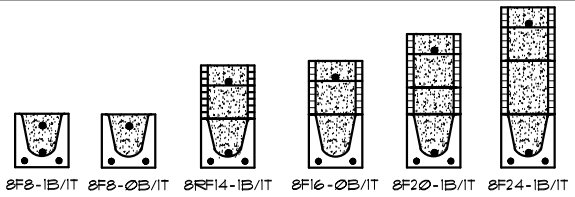
SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS											
		GRAVITY									
LENGTH	TYPE	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F36-1B	8F40-1B	8F44-1B
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	13400	14864
3'-6" (42')	PRECAST	2302	3138	3371	4609	6001	7315	8630	9941	11252	12563
4'-0" (48')	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936	13400	14864
4'-6" (54')	PRECAST	1651	2646	4473	6039	7526	9004	10472	11936	13400	14864
5'-4" (64')	PRECAST	1184	1781	1913	2651	3403	4149	4896	5644	6391	7139
5'-10" (70')	PRECAST	972	1223	1301	1809	2311	2816	3326	3836	4346	4856
6'-6" (78')	PRECAST	937	1459	2464	4144	5458	6772	8086	9400	10714	12028
7'-6" (90')	PRECAST	767	1255	2101	3263	4246	5229	6212	7195	8178	9161
9'-4" (112')	PRECAST	973	1029	1675	2389	3194	3999	4804	5609	6414	7219
10'-6" (126')	PRECAST	456	768	1212	1818	2544	3269	4000	4731	5462	6193
11'-4" (136')	PRECAST	445	658	1025	1514	2081	2714	3350	3986	4622	5258
12'-0" (144')	PRECAST	414	598	935	1365	1854	2341	2828	3315	3802	4289
13'-4" (160')	PRECAST	362	545	864	1254	1639	2024	2409	2794	3179	3564
14'-0" (168')	PRECAST	338	485	748	1076	1439	1799	2159	2519	2879	3239
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
15'-4" (184')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

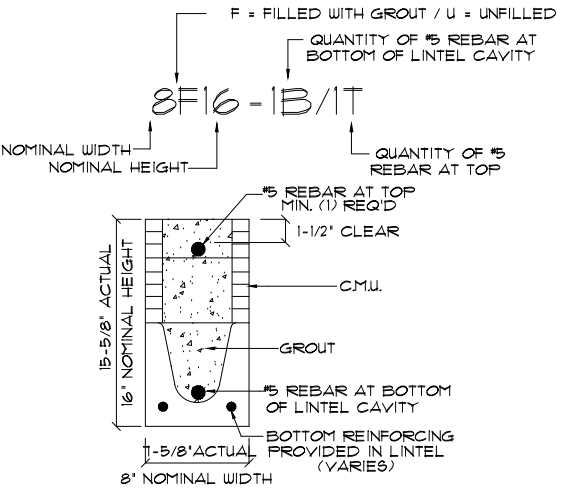
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
		GRAVITY									
LENGTH	TYPE	8R16	8R16-1B	8R16-1B	8R16-1B	8R16-1B	8R16-1B	8R16-1B	8R16-1B	8R16-1B	8R16-1B
4'-4" (52')	PRECAST	1489	1921	3059	2882	3584	4329	5084	5839	6594	7349
4'-6" (54')	PRECAST	1351	1449	2182	2714	3400	4081	4762	5443	6124	6805
5'-8" (68')	PRECAST	785	832	1602	1500	2058	2566	3075	3584	4093	4602
5'-10" (70')	PRECAST	735	779	1500	1449	1924	2400	2876	3352	3828	4304
6'-8" (80')	PRECAST	822	907	1671	2933	4100	5267	6434	7601	8768	9935
7'-6" (90')	PRECAST	665	761	1371	2252	3133	4014	4895	5776	6657	7538
9'-8" (116')	PRECAST	371	420	834	1253	1672	2091	2510	2929	3348	3767

8" PRECAST & PRESTRESSED U-LINTELS											
		UPLIFT									
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F36-1T	8F40-1T	8F44-1T
2'-10" (34')	PRECAST	2121	2718	4101	5332	6563	7794	9025	10256	11487	12718
3'-6" (42')	PRECAST	2165	2289	3260	4231	5202	6173	7144	8115	9086	10057
4'-0" (48')	PRECAST	1878	1989	2832	3680	4528	5376	6224	7072	7920	8768
4'-6" (54')	PRECAST	1660	1765	2501	3251	4000	4750	5500	6250	7000	7750
5'-4" (64')	PRECAST	1393	1431	2050	2610	3170	3730	4290	4850	5410	5970
5'-10" (70')	PRECAST	1172	1212	1730	2209	2688	3167	3646	4125	4604	5083
6'-6" (78')	PRECAST	1141	1182	1684	2152	2620	3088	3556	4024	4492	4960
7'-6" (90')	PRECAST	980	1019	1466	1907	2348	2789	3230	3671	4112	4553
9'-4" (112')	PRECAST	801	755	1192	1550	1908	2266	2624	2982	3340	3698
10'-6" (126')	PRECAST	716	611	1039	1389	1739	2089	2439	2789	3139	3489
11'-4" (136')	PRECAST	666	535	905	1255	1605	1955	2305	2655	3005	3355
12'-0" (144')	PRECAST	607	486	818	1109	1400	1691	1982	2273	2564	2855
13'-4" (160')	PRECAST	500	340	632	866	1100	1334	1568	1802	2036	2270
14'-0" (168')	PRECAST	458	316	493	635	778	922	1066	1210	1354	1498
14'-8" (176')	PRESTRESSED	243	295	459	591	724	857	990	1123	1256	1389
15'-4" (184')	PRESTRESSED	228	278	430	553	677	801	925	1049	1173	1297
17'-4" (208')	PRESTRESSED	188	236	361	464	567	670	773	876	979	1082
19'-4" (232')	PRESTRESSED	165	201	313	401	490	578	667	756	845	934
21'-4" (256')	PRESTRESSED	145	179	278	356	433	510	587	664	741	818
22'-0" (264')	PRESTRESSED	131	165	242	312	381	450	519	588	657	726
24'-0" (288')	PRESTRESSED	124	156	224	294	364	434	504	574	644	714

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION



MATERIALS

- f'c precast lintels = 3500 psi.
 - f'c prestressed lintels = 6000 psi.
 - f'c grout = 3000 psi w/ maximum 3/8" aggregate.
 - Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 - Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 - Prestressing strand per ASTM A416 grade 270 low relaxation.
 - 1/32 wire per ASTM A510.
 - Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
- Provide full mortar head and bed joints.
 - Shore filled lintels as required.
 - Installation of lintel must comply with the architectural and/or structural drawings.
 - Lintels are manufactured with 5-1/2' long notches at the ends to accommodate vertical cell reinforcing and grouting.
 - All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8' meet or exceed L/180.
 - Bottom field added rebar to be located at the bottom of the lintel cavity.
 - 1/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 - Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 - Safe load ratings based on rational design analysis per ACI 318 and ACI 530.

SAFE LOAD TABLE NOTES

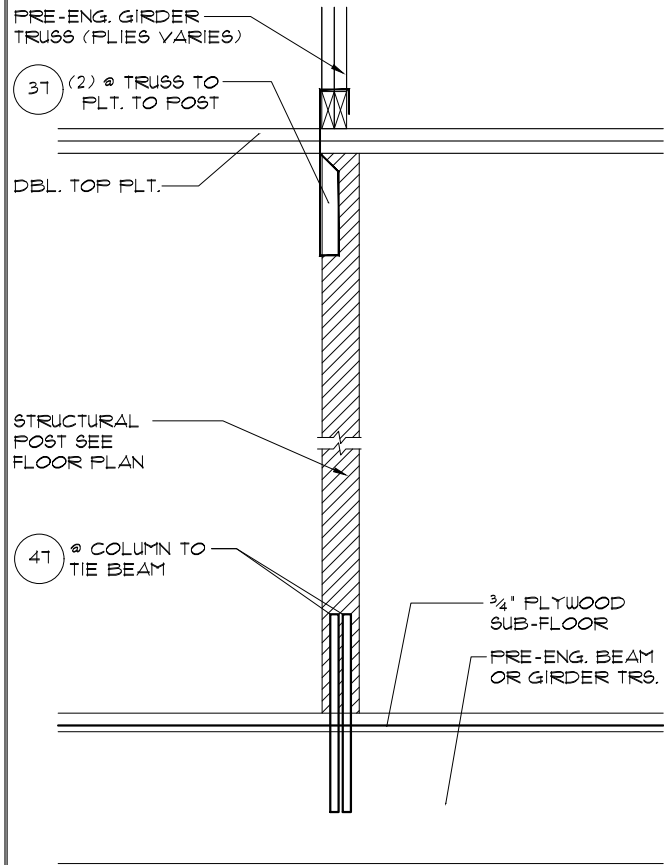
- All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
- N.R. = Not Rated.
- Safe loads are total superimposed allowable load on the section specified.
- Safe loads based on grade 40 or grade 60 field rebar.
- Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
- One #1 rebar may be substituted for two #5 rebars in 8" lintels only.
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d-away from the face of support.
- For composite lintel heights not shown, use safe load from next lower height.
- All safe loads in units of pounds per linear foot.

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
		UPLIFT									
LENGTH	TYPE	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T
4'-4" (52')	PRECAST	1244	1513	2413	3160	412	4961	5825	6689	7553	8417
4'-6" (54')	PRECAST	1182	1459	2311	3121	3931	4741	5551	6361	7171	7981
5'-8" (68')	PRECAST	924	1172	1735	2423	3055	3689	4323	4957	5591	6225
5'-10" (70')	PRECAST	836	1039	1630	2288	2931	3574	4217	4860	5503	6146
6'-8" (80')	PRECAST	718	882	1513	2042	2571	3100	3629	4158	4687	5216
7'-6" (90')	PRECAST	688	849	1302	1762	2222	2682	3142	3602	4062	4522
9'-8" (116')	PRECAST	533	433	808	103	143	1704	1995	2286	2577	2868

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

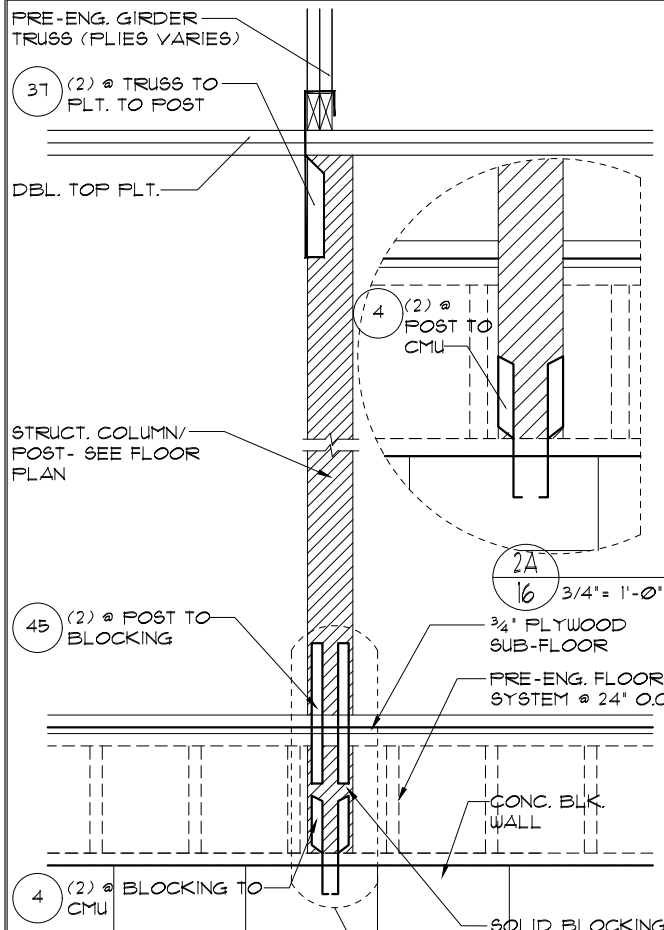
CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1½"	ETA20	14-10d	1810	65 / 960
22	H10A	RFT: 8-8d x 1 1/2' PLT: 8-8d x 1 1/2'	RT16	RFT: 8-8d x 1½' PLT: 8-8d	990	585/525
23	LUS26	HDR: 4-10d/JST: 4-10d	JUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d PLT / STD: 10-8d	RT20	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H25	RFT:5-8d / PLT: 5-8d	RT7	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	MP34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	MPAIF	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
37	MTS12	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
39	MTSM16	BLK: (4)¼"x2¼" T.C. TRUSS: (7) 10d	MTW16	BLK: (4)¼"x2¼" T.C. TRUSS: (7) 10d	860	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	SPT22	STD:4-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	SPT224	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH46.8	12-10d x 1½"	TP46.8	12-10d x 1½"	885	N/A
88	CB8Q88	12 SDS 1/4X2"			3,975	N/A
89	CB66	(2) ⅝" BOLTS	PA8X8	4-10d	2,300	985
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
91	CB8Q66	14 SDS 1/4X2"			3,190	N/A
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PB866	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PB844	24-16d	1,815	1,070
95	HT520	20-10d	HTW20	20-10d	1,450	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	MPA1	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
101	HTT4	⅝" BOLT / 18-16dX2½"	N/A	N/A	3,640	N/A
102	HTT5	⅝" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS¼"x3"/(2) ⅝" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT/20-SDS ¼"x2½"	N/A	N/A	5,020	N/A
105	HD1B	7/8"-3-3/4"	N/A	N/A	6,645	N/A
110	HCF2	12-10d x 1½"	HHCF2	20-10d x 1½"	520	260 / N/A
167	HHU546	H:14-16d/J:6-16d	THD46	H:8-18d/J:12-10d	1,550	N/A
168	U46	H:8-10d/J:4-10d	SUH46	H:8-16d/J:4-16d	710	N/A
181	HUS26	20-16d	THD26	H:20-16d/J:10-10d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	N/A	N/A	1,085	N/A
212	HUC410	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	N/A	N/A	1,810	N/A
213	HSUR/L410	BLOCK: 20-16d JOIST : 6-16d	N/A	BLOCK: N/A JOIST : N/A	1,300	N/A
214	HUC412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	1,895	N/A
215	HGU5210-2	HDR:46-16d/JST:10-16d	EHU210-2	HDR:40-16d/JST:16-10d	2,720	N/A
216	HUCS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR¾X8 TOP4FACE JOIST: 18-10d	NFM35X12U	H:1-½" J-BOLT J:5-½" BOLTS	3,145	N/A
231	MBHA3.56/16	HDR : (2) ¾"φ x 8" JOIST : 18-10d	NFM3.5X16U	HDR :MIN. ½"xexJ-BOLTS JOIST : (5) ½"φ BOLTS	3,450	N/A
232	MBHA5.50/16	HDR : (2) ¾"φ x 8" JOIST : 18-10d	NFM5.5X16U	HDR :MIN. ½"xexJ-BOLTS JOIST : (5) ½"φ BOLTS	3,450	N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
242	LGT3	G: (12) SDS ¼":X2½"	N/A	W: (4) ⅝"x5" TITEN	2,365	N/A
243	LGT4-SD63	G: (16) SDS ¼":X3"	N/A	W: (4) ⅝"x5" TITEN HD	2,365	N/A
301	MGT	(1) ¾"BLTS/GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL:¾"BLTS/GIR: 8-10d	USC63	LTL:¾"BLTS/GIR: 8-16d	6,485	N/A
303	HGT-4	LTL:¾"BLTS/GIR: 16-10d	N/A	N/A	9,250	N/A
305	FGTR (2-PLY)	TRUSS: 36 SDS ½"x3" WALL:(4)½"x5" TITEN HD	N/A	N/A	9,400	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	N/A	N/A	1,700	N/A
501A	LSU26	6-10d - 5-10dx1½	N/A	N/A	535	N/A
501B	LSU28	10-10d - 5-10dx1½	N/A	N/A	535	N/A
501C	LSU210	10-10d - 7-10dx1½	N/A	N/A	875	N/A
502A	LSU26	6-10d - 5-10dx1½	N/A	N/A	535	N/A
502B	LSU28	9-10d - 5-10dx1½	N/A	N/A	450	N/A
502C	LSU210	9-10d - 7-10dx1½	N/A	N/A	785	N/A
503	HRC22	6-10dx1½ - 2-10dx1½	N/A	N/A	290	N/A
504	VPA2	8-10d - 2-10dx1½	N/A	N/A	295	375/250
505	HCF2	6-10dx1½ - 6-10dx1½	N/A	N/A	645	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					



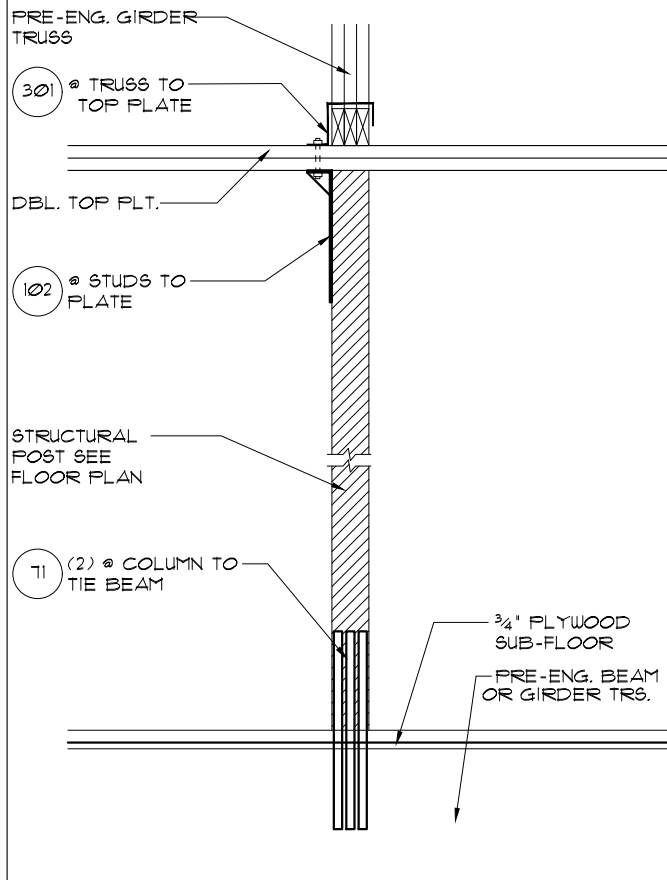
8 DETAIL

1/2" = 1'-0" (11X17) 1" = 1'-0" (22'X34')



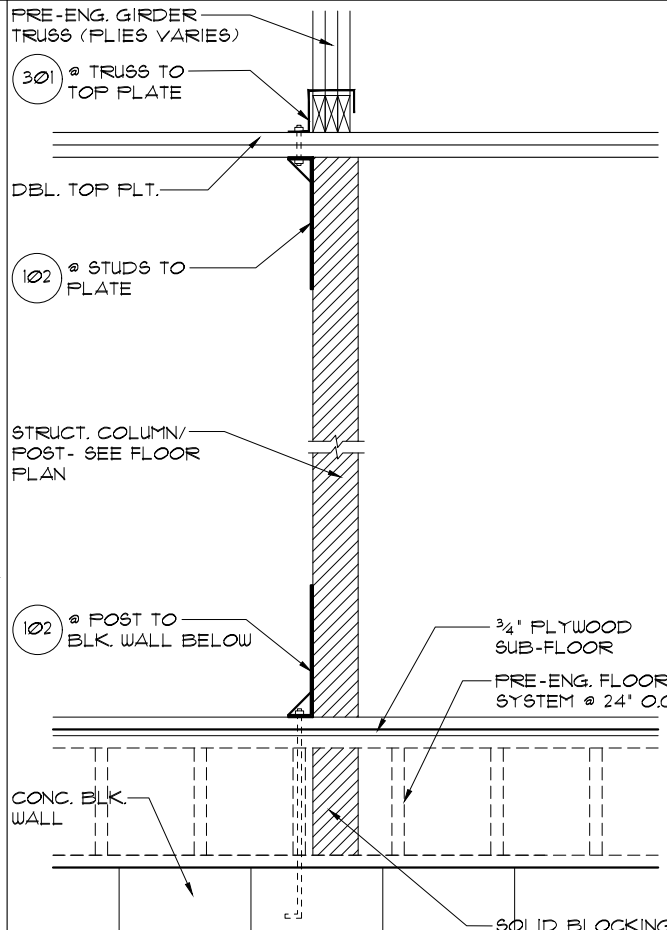
9 DETAIL

1/2" = 1'-0" (11X17) 1" = 1'-0" (22'X34')



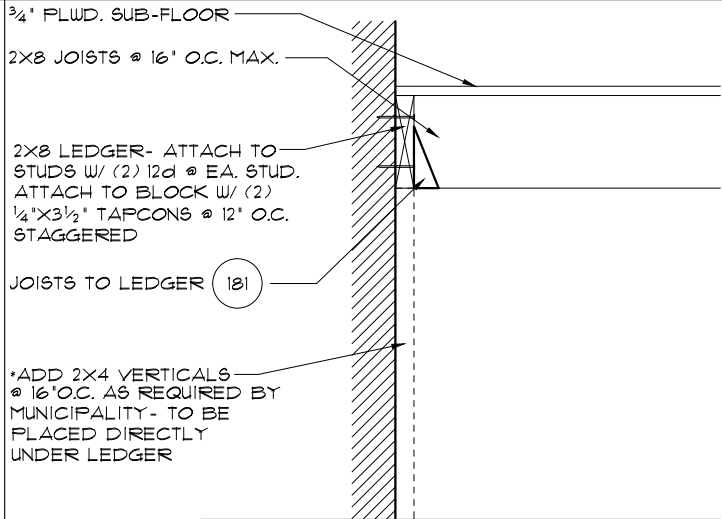
6 DETAIL

1/2" = 1'-0" (11X17) 1" = 1'-0" (22'X34')



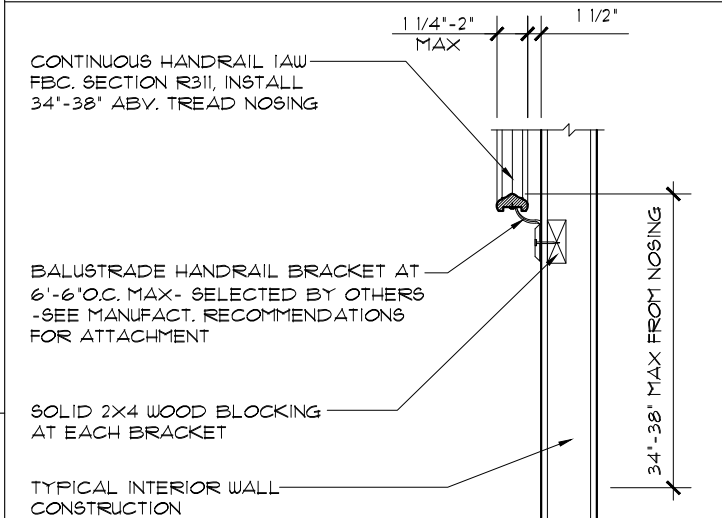
7 DETAIL

1/2" = 1'-0" (11X17) 1" = 1'-0" (22'X34')



4 TYP. STAIR CONNECT.

3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22'X34') PLATFORM FRAMING



5 TYP. HANDRAIL DET.

3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22'X34')

NOTES:

STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2020, 11TH EDITION SECTION R310.7

MAX. HGT. OF RISER TO BE 7 1/2", WITH THE GREATEST RISER HEIGHT NOT EXCEEDING THE SMALLEST BY MORE THAN 3/8".

MIN. DEPTH OF TREAD TO BE NO LESS THAN 10", WITH THE GREATEST TREAD DEPTH NOT EXCEEDING THE SMALLEST BY MORE THAN 3/8".

WINDER TREADS SHALL HAVE A TREAD DEPTH OF NO LESS THAN 10" MEASURED BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION.

WINDER TREADS SHALL HAVE A TREAD DEPTH OF NO LESS THAN 6" AT ANY POINT WITHIN THE CLEAR WIDTH OF THE STAIR.

THE LARGEST WINDER TREAD DEPTH AT THE WALKLINE SHALL NOT EXCEED THE SMALLEST WINDER BY MORE THAN 3/8".

CONSISTENTLY SHAPED WINDERS AT THE WALKLINE SHALL BE ALLOWED WITHIN THE SAME FLIGHT OF STAIRS AS RECTANGULAR TREADS AND DO NOT NEED TO BE WITHIN 3/8" OF THE RECTANGULAR TREAD DEPTH.

HANDRAIL CIRCULAR CROSS SECTION DIA. TO BE 1 1/4" - 2" OR TO PROVIDE EQUIVALENT GRASPABILITY.

34"-38" HANDRAIL HGT. MEASURED FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING OR FINISH SURFACE OF RAMP SLOPE.

HEADROOM IN STAIRWAYS SHALL BE NOT LESS THAN 6'-8" MEASURED VERTICALLY FROM THE SLOPED LINE ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OF THE LANDING OR PLATFORM ON THAT PORTION OF THE STAIRWAY.

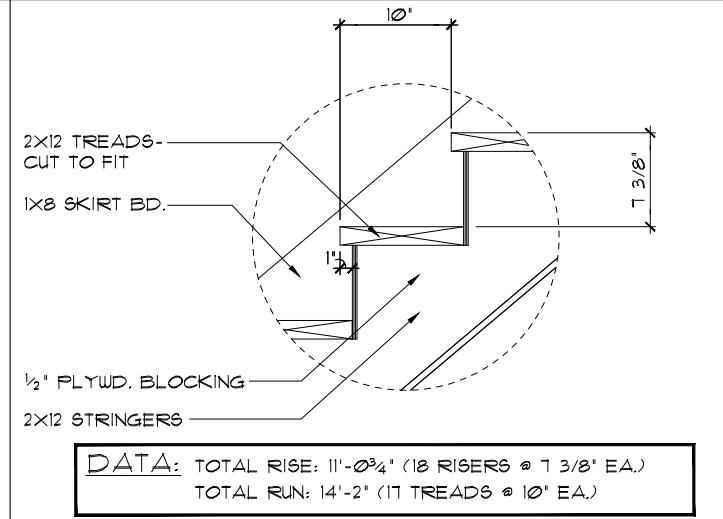
R312.1.3 OPENING LIMITATIONS.

REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW PASSAGE OF A SPHERE 4 INCHES (102 MM) IN DIAMETER.

EXCEPTIONS:

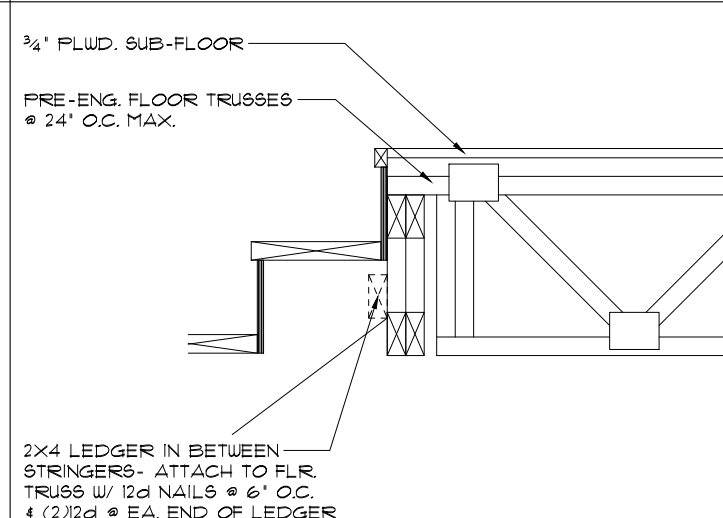
1. THE TRIANGULAR OPENINGS AT THE OPEN SIDE OF STAIR FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD, SHALL NOT ALLOW PASSAGE OF A SPHERE 6 INCHES (153 MM) IN DIAMETER.

2. GUARDS ON THE OPEN SIDE OF STAIRS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 3/8 INCHES (111 MM) IN DIAMETER.



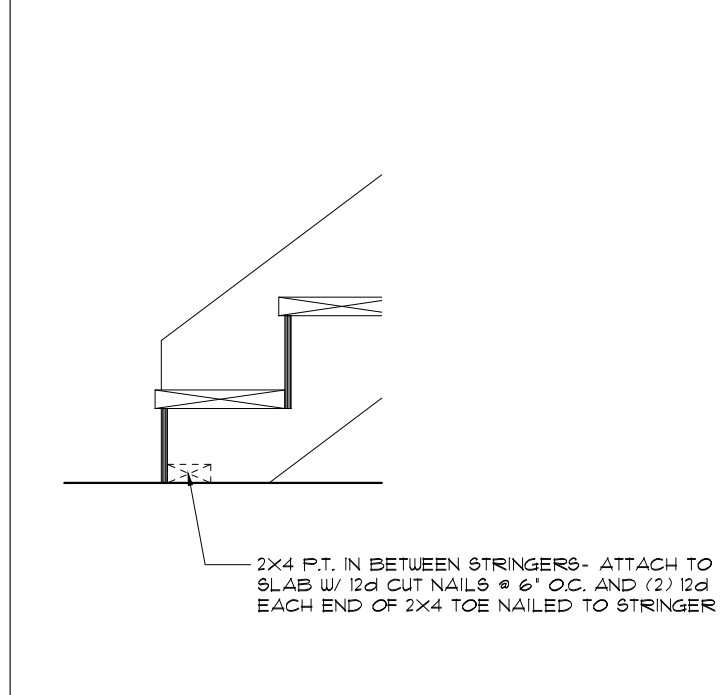
1 STAIR DETAIL

3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22'X34') STAIR DATA



2 TYP. STAIR CONNECT.

3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22'X34') STRINGER TO FLOOR TRUSS



3 TYP. STAIR CONNECT.

3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22'X34') STRINGER TO FLOOR

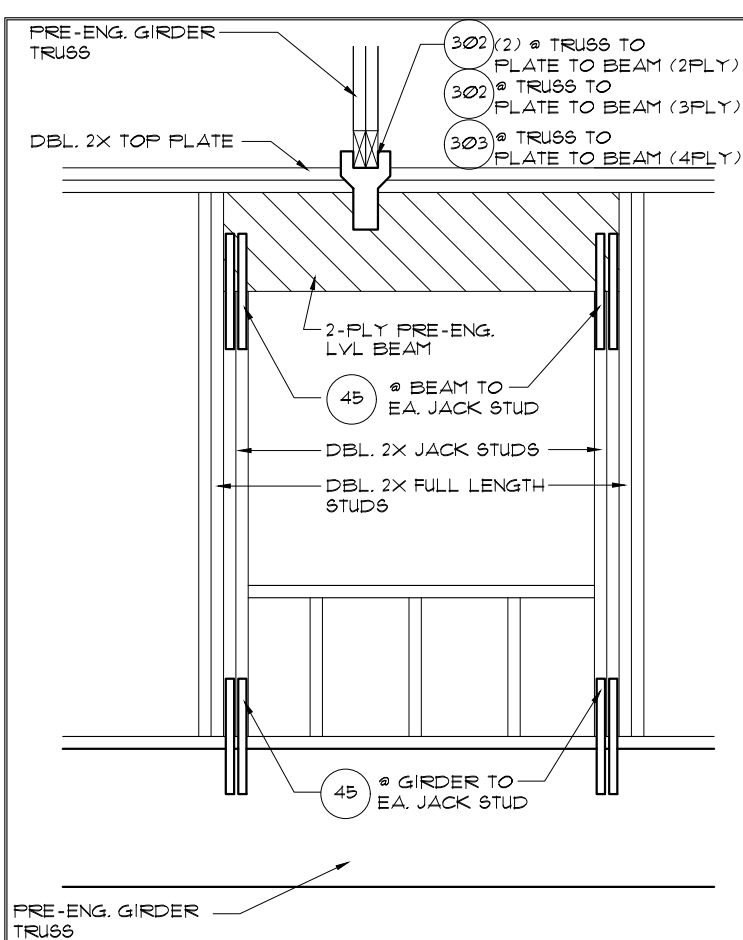
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 11TH EDITION

LOT: 0026, TALICHET

REVISIONS 08-14-21 BY: RW

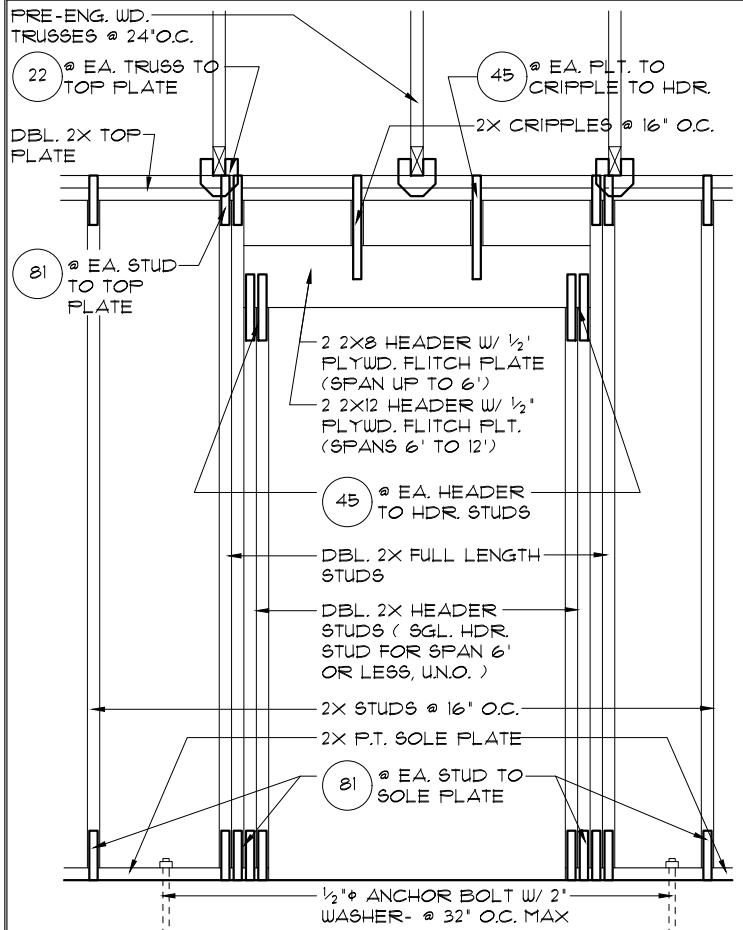
LA: 08-14-21 BY: RW

Engineering By: PRASHANTH N. JAGTAP, P.E. 5890 MARLBERRY DRIVE ORLANDO, FL 32819 PHONE: 407-345-0010 INFO@RDCFLA.COM	
4301 VINELAND RD. SUITE E-1 ORLANDO, FL 32811 INFO@RDCFLA.COM	
DREAM FINDERS THE MAKERS OF A QUALITY HOME	
STAIR DATA/ TYPICAL DETAILS	
5058 WIMBERLEY DREAM FINDERS HOMES	
DATE	02-28-20
SCALE	AS NOTED
DRAWN	RDC
JOB	5058
SHEET	15
OF 26 SHEETS	



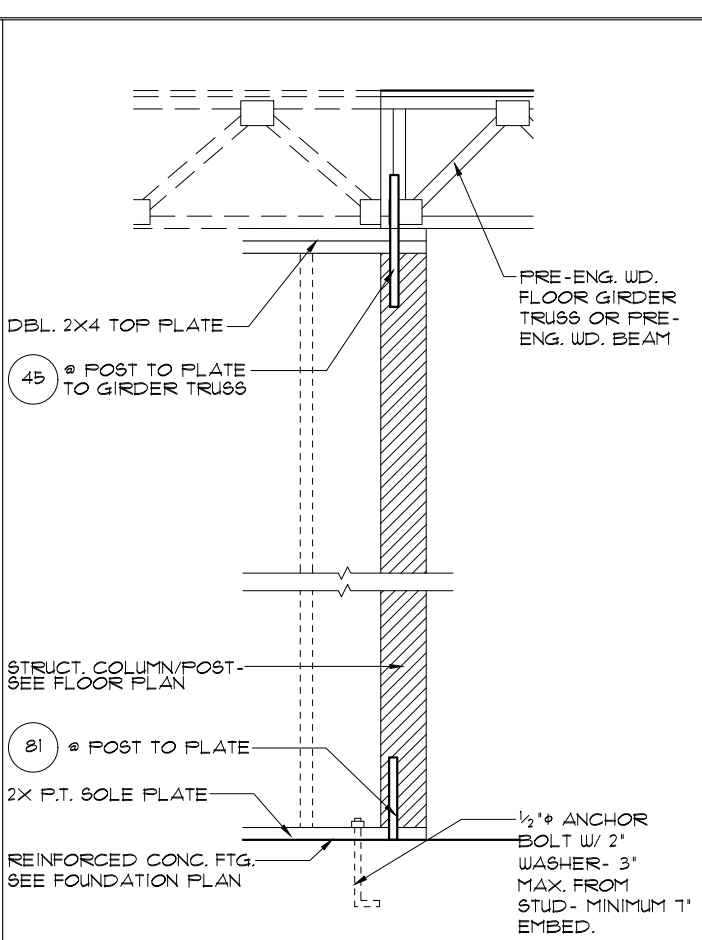
8 DETAIL

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



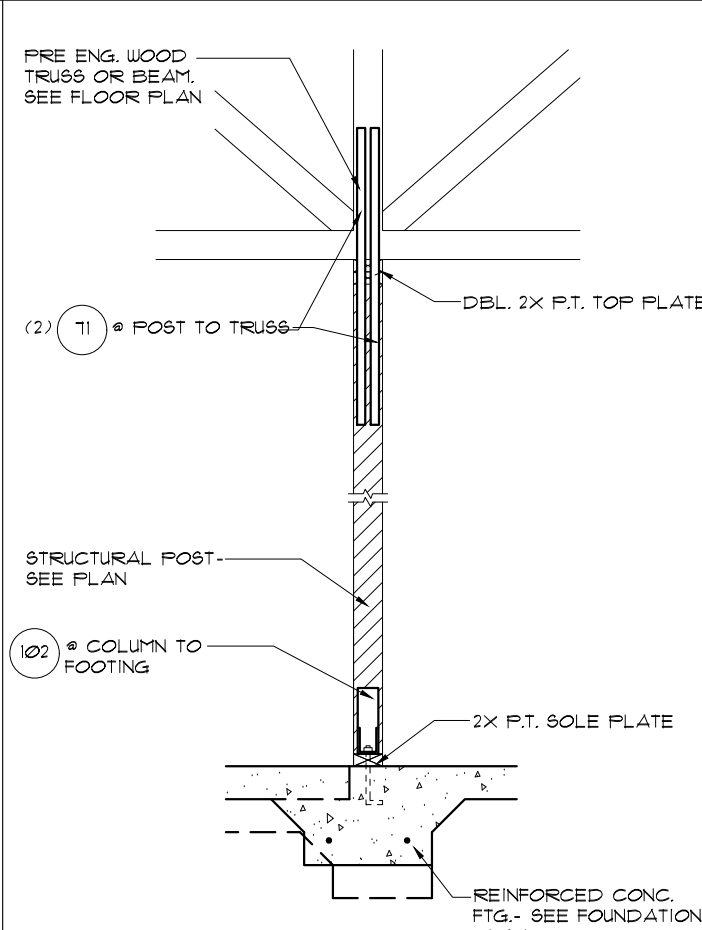
9 DETAIL (BRG. W/ UPLIFT)

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



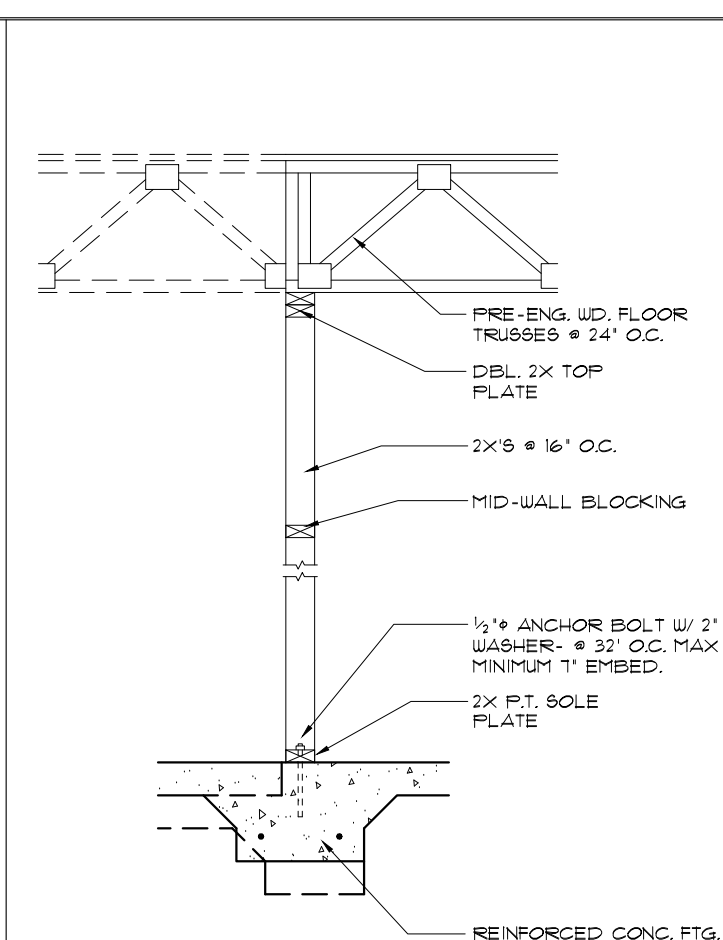
6 DETAIL

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



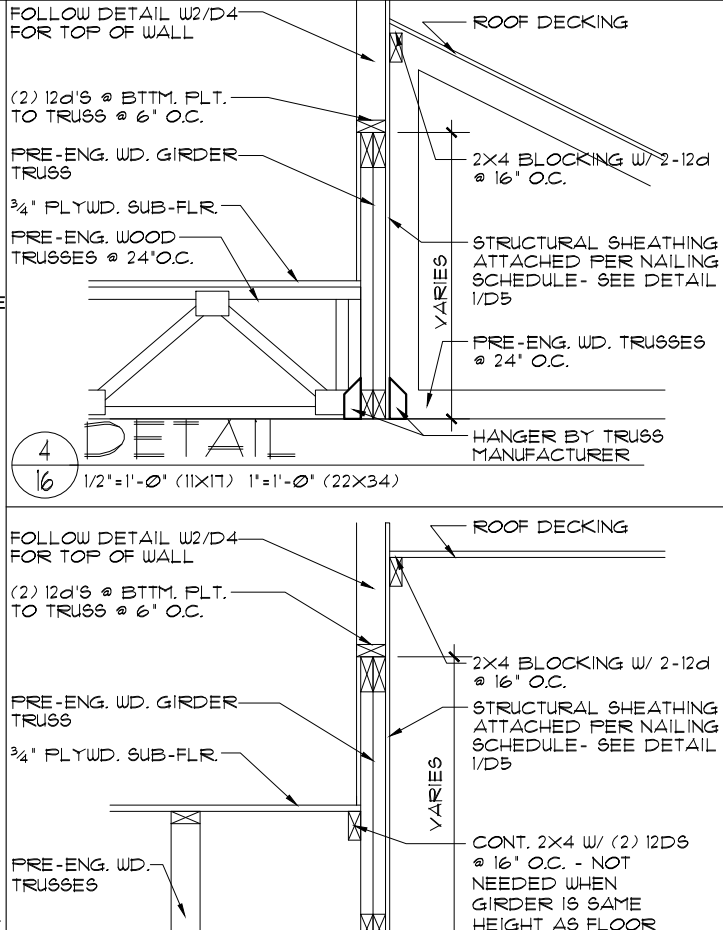
7 DETAIL (BEARING POST W/ HIGH UPLIFT)

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



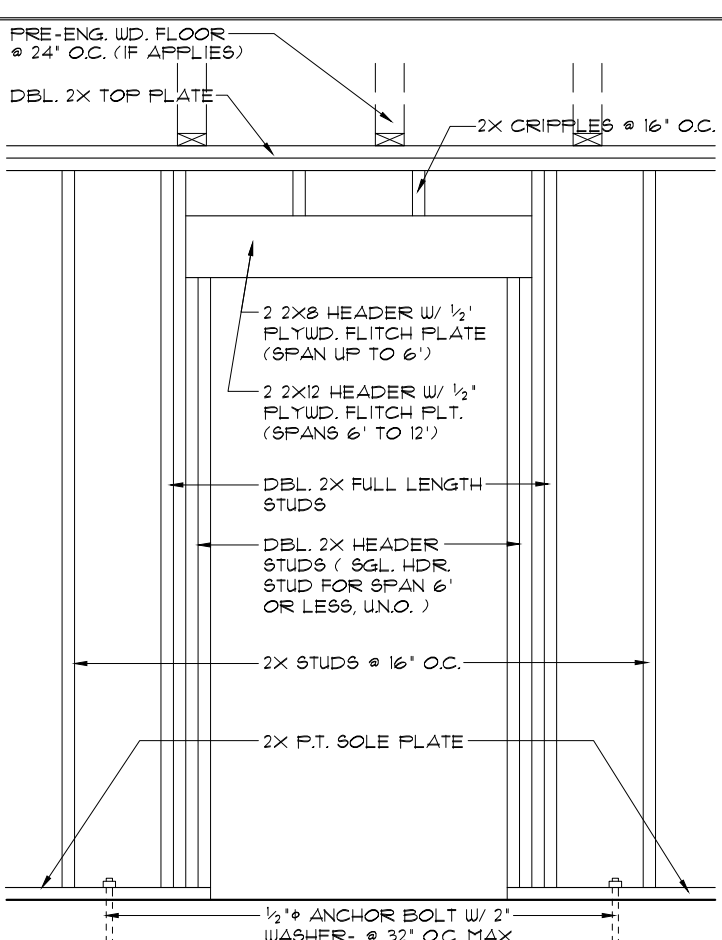
1 DETAIL (BRG. W/O UPLIFT)

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



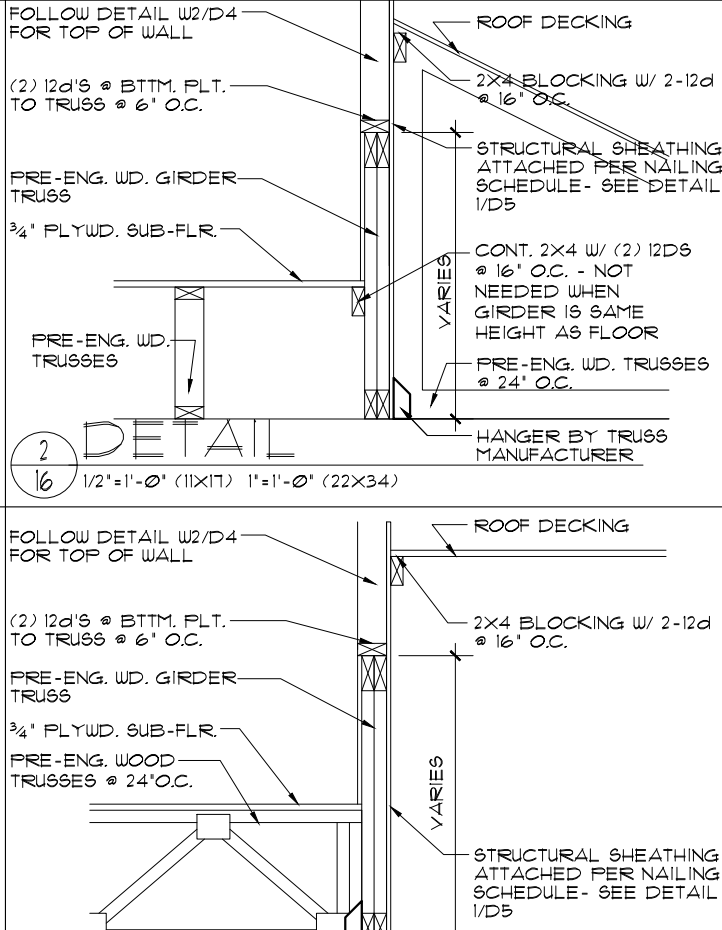
4 DETAIL

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



2 DETAIL

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



3 DETAIL

1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 1TH EDITION

LOT: 0026, TALICHET

REVISIONS 08-14-21 BY: RW

LA 08-14-21 BY: RW

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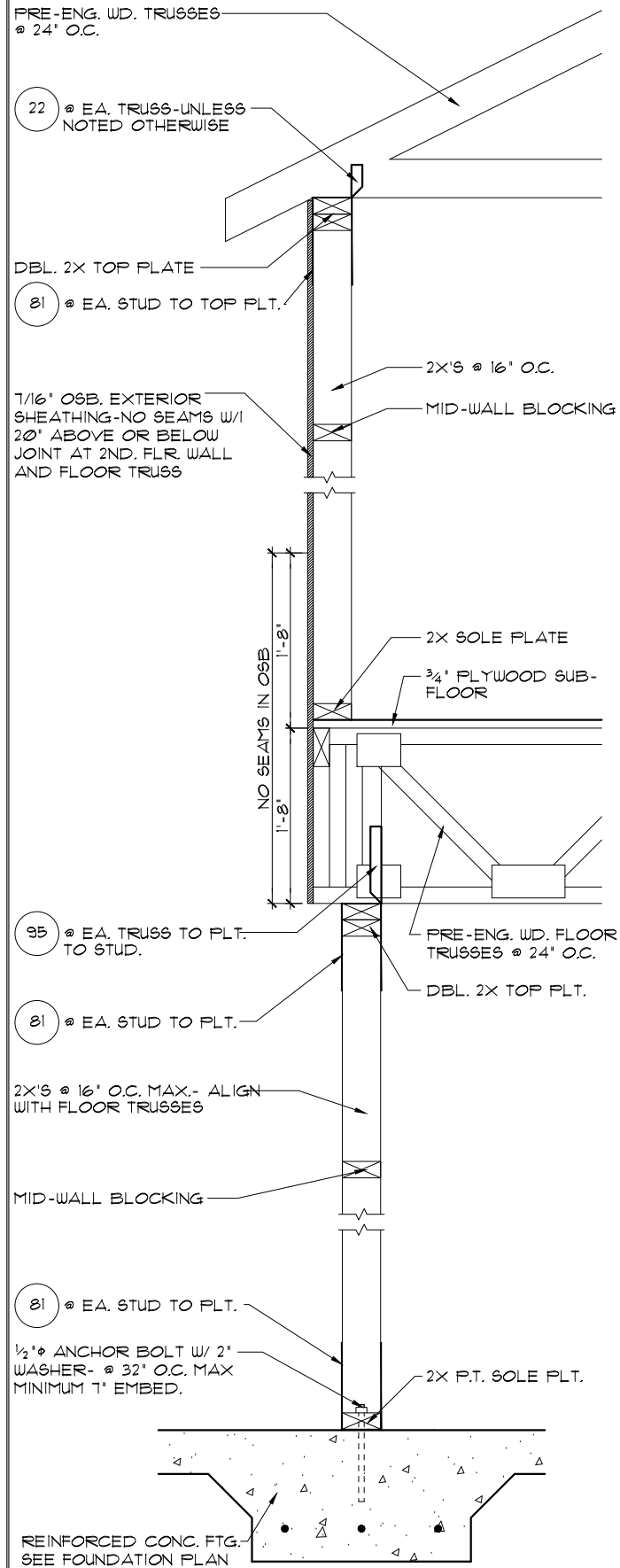
RDC

DREAM FINDERS
THE MAKERS OF A QUALITY HOME

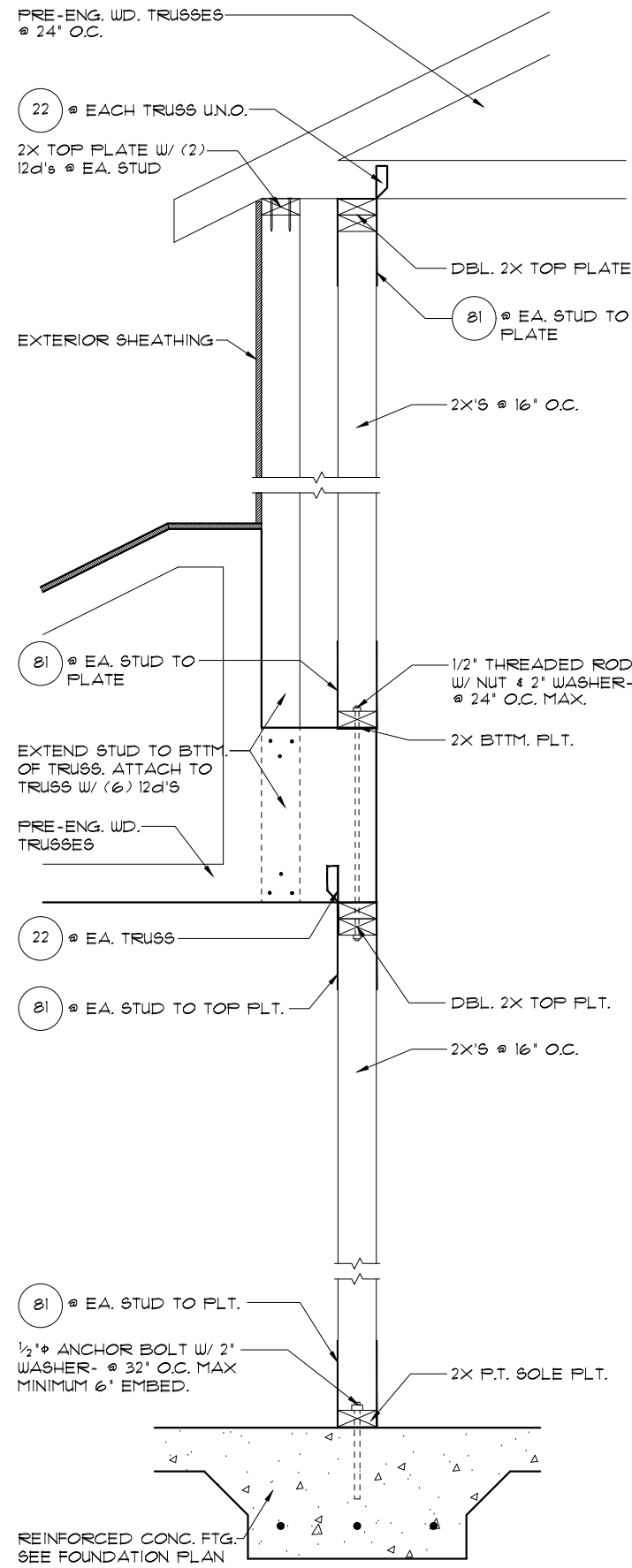
TYPICAL DETAILS

5058 WIMBERLEY
DREAM FINDERS HOMES

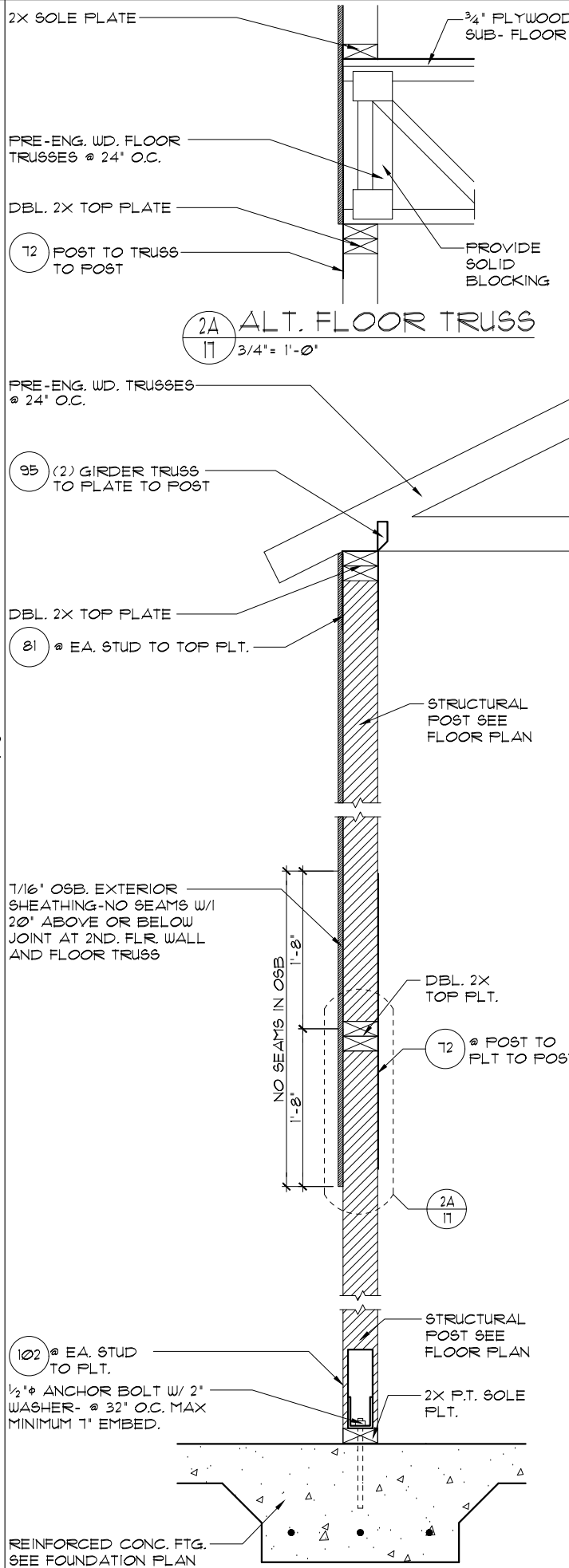
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DRAWN RDC
JOB 5058
SHEET 16
OF 26 SHEETS



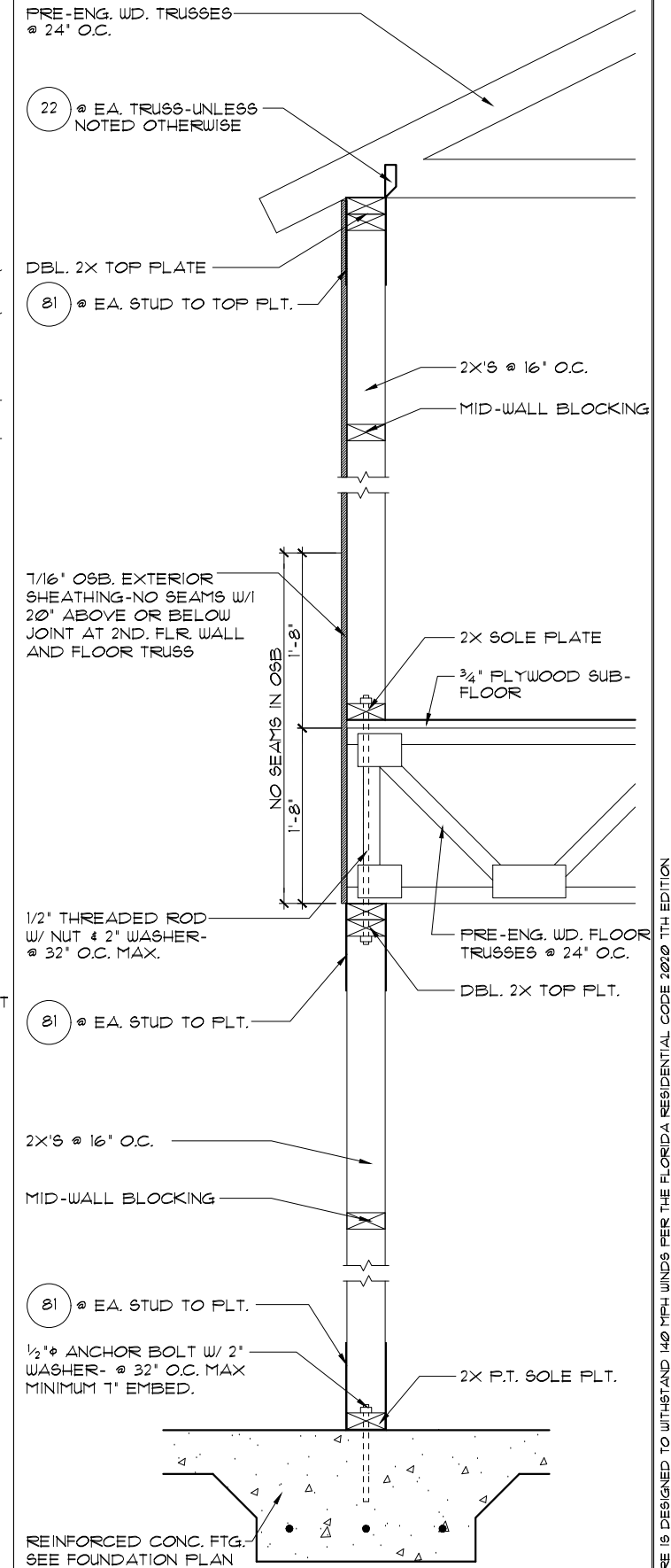
4 **DETAIL**
17 3/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)



3 **DETAIL**
17 3/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)



2 **DETAIL**
17 3/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)



1 **DETAIL**
17 3/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 1TH EDITION

LOT: 0026, TALICHET

REVISIONS 08-14-21 BY: RW

LA: 08-14-21 BY: RW

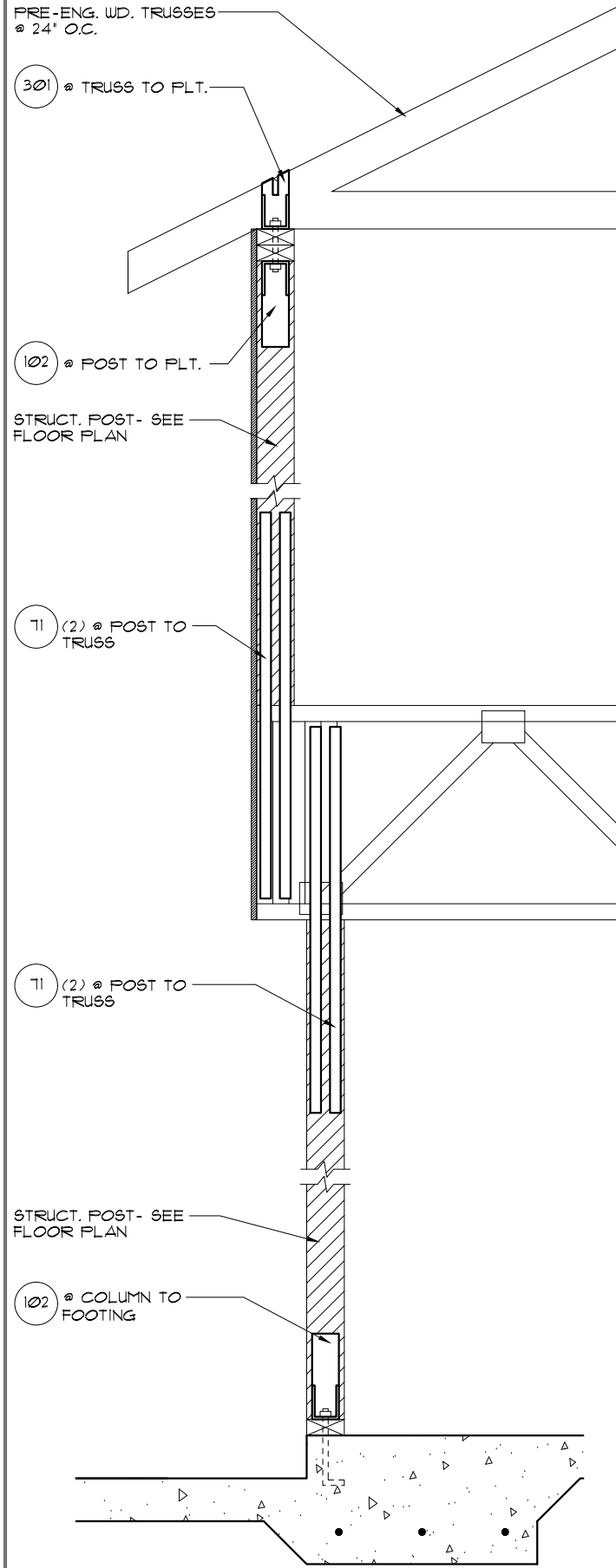
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DRAWN RDC
JOB 5058
SHEET 17
OF 26 SHEETS

5058 WIMBERLEY
DREAM FINDERS HOMES

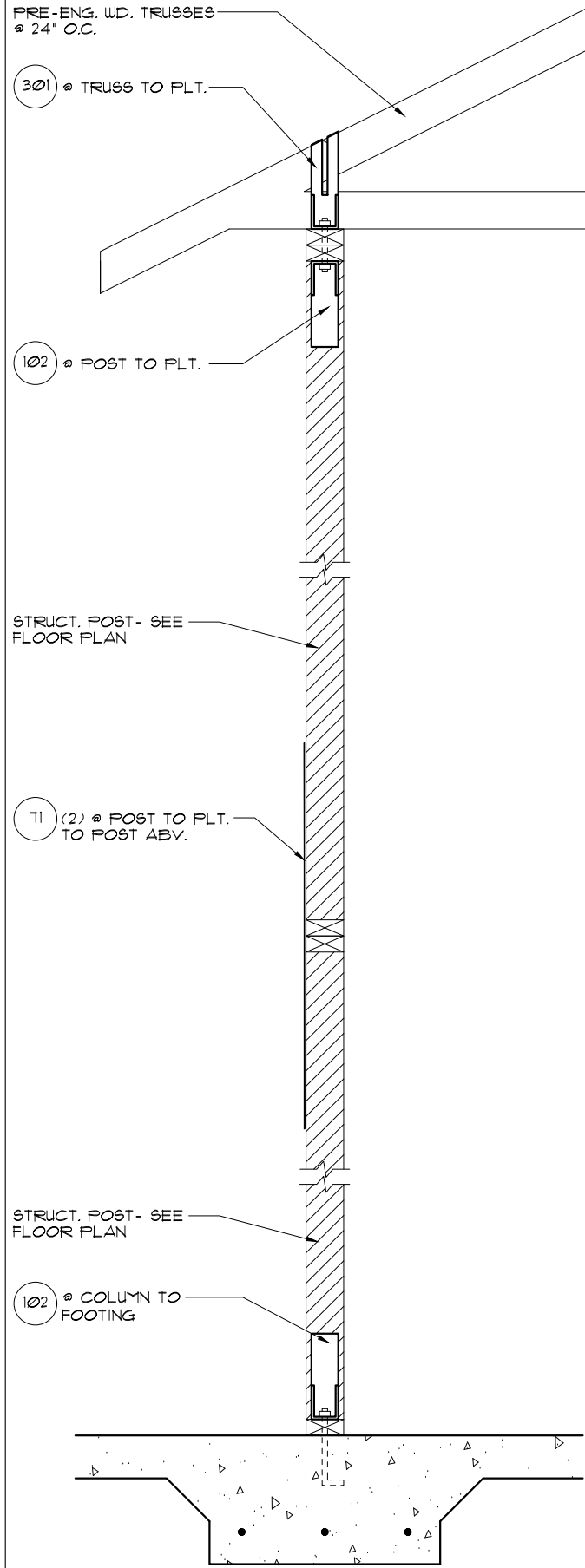
TYPICAL DETAILS



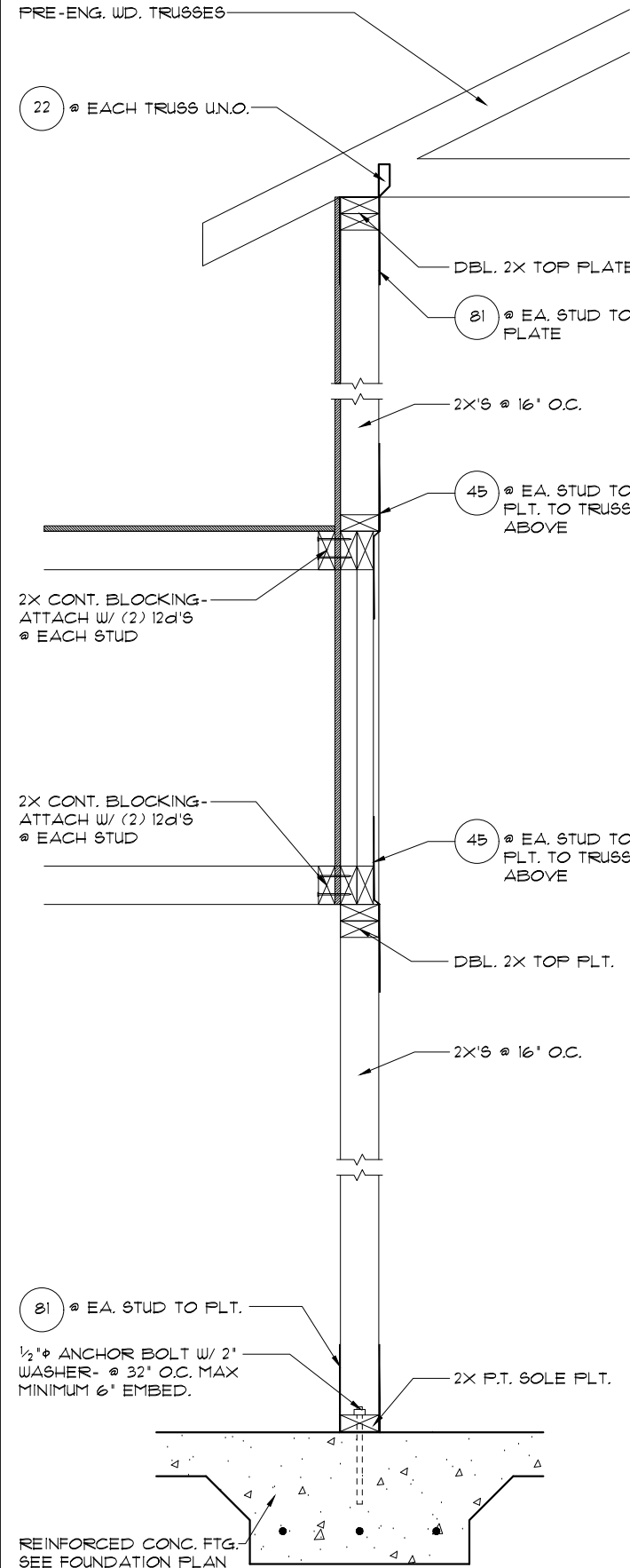
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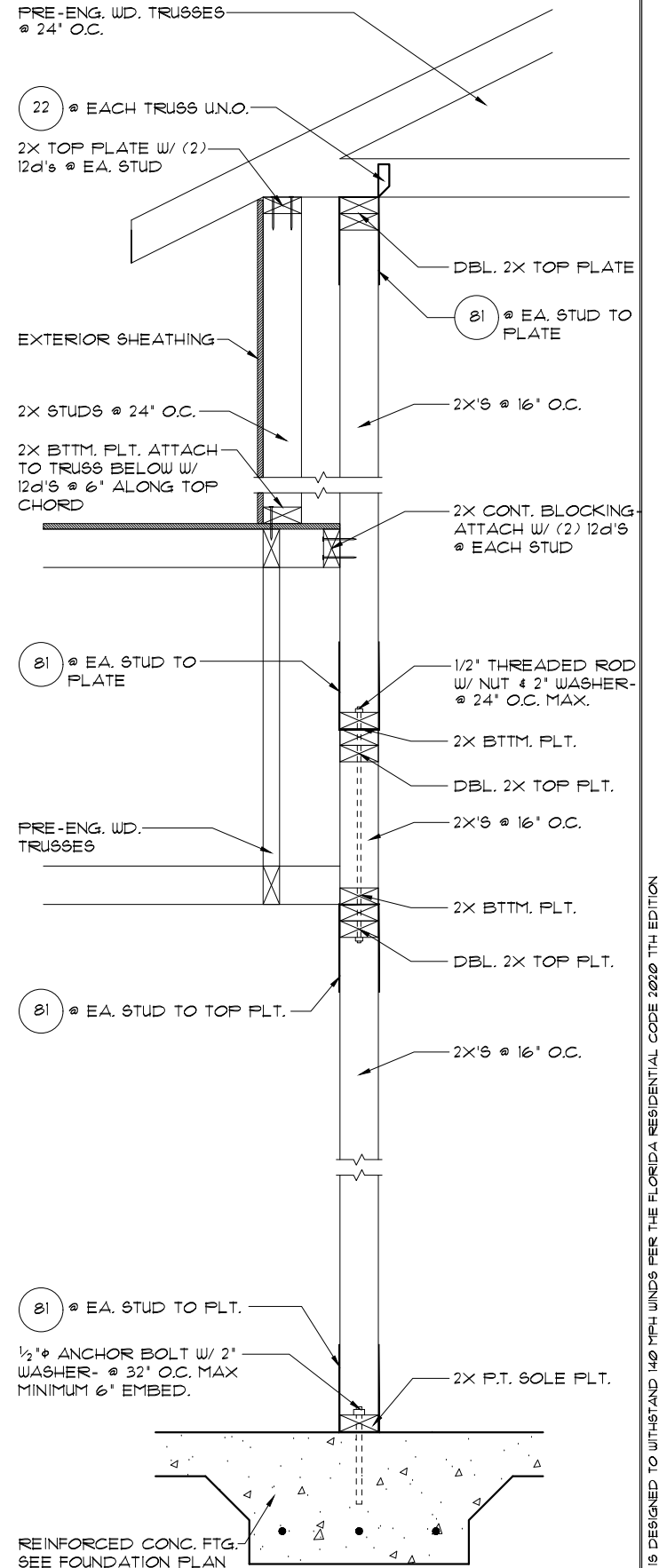
4 DETAIL
1/2" = 1'-0" (11X17) 1" = 1'-0" (22"X34")



3 DETAIL
1/2" = 1'-0" (11X17) 1" = 1'-0" (22"X34")



2 DETAIL
3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22X34)



1 DETAIL
3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE FLORIDA RESIDENTIAL CODE 2020 1TH EDITION

LOT: 0026, TALICHET

REVISIONS 08-14-21 BY: RW

LA: 08-14-21 BY: RW

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TYPICAL DETAILS

5058 WIMBERLEY
DREAM FINDERS HOMES

DATE 02-28-20
SCALE AS NOTED
DRAWN RDC
JOB 5058
SHEET 18
OF 26 SHEETS

STRUCTURAL NOTES

1. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 1TH EDITION, FBCR 2020 (WIND LOAD @ 140 MPH.)
2. WINDOWS, DOORS, AND GARAGE DOORS TO BE DESIGNED TO MEET FBCR SECTION R301
3. ALL FLOOR SLABS TO BE OF 2500 PSI CONC. PLANT MIX MIN. 3½" THICK WITH 6x6 10/10 WIRE MESH 6 MIL. POLY. VAPOR-BARRIER OVER TERMITE TREATED COMPACTED CLEAN FILL.
4. CONCRETE MASONRY UNITS SHALL MEET: CH. 1-3 OF ACI 530/ ASCE 5/TMS 402 OR BIA BUILDING CODE REQUIREMENTS.
5. MORTAR TO BE TYPE 'M' OR 'S', GROUT - 2500 PSI @ 28 DAYS.
6. MASONRY CLEAN OUTS REQUIRED @ GROUT GREATER THAN FIVE (5) FEET IN HEIGHT AND ALL VERTICALS.
7. REBAR TO BE #5'S GRADE 60, W/ MIN. LAP OF 25". USE 'L' BARS @ CORNERS AND USE STANDARD HOOKS @ CHANGE IN DIRECTION WITH MIN. LAP 12"
8. GYP. BD. CEILING SHALL BE INSTALLED PERP. TO FRAMING & NAILED @ 1" O.C. WITH 5d NAILS. GYP. BD. WALLS SHALL BE NAILED @8" O.C. WITH 5d NAILS
9. UPLIFT CONNECTOR'S TO PROVIDE CONTINUITY FROM ROOF TRUSSES THRU PLATES TO SLAB AND FOUNDATION PER ENCLOSED DETAILS.
- 10.EPOXY ANCHOR ALTERNATIVE:
THREADED ANCHOR ROD MAY BE USED IN LIEU OF ANCHOR BOLTS FOR USE AS PLATE ANCHORS OR HURRICANE ANCHORS. THE FOLLOWING CRITERIA MUST BE MET:

ANCHOR SIZE	CONC. HOLE SIZE	MIN. HOLE DEPTH
½"	¾"	1"
5⁄8"	1 ⅛"	1"
¾"	1"	8"
7⁄8"	1 ½"	9"

AFTER HOLE IS DRILLED, ALL CONCRETE DUST MUST BE REMOVED PRIOR TO EPOXY INSTALLATION. THREADED ROD TO BE MIN. A36 STEEL AND FREE OF DIRT OR GREASE. LOAD ON ROD CANNOT BE APPLIED UNTIL 12 HOURS AFTER INSTALLATION. 2 COMPONENT EPOXY RESIN MATERIAL TO BE MIXED PER MFG. DIRECTIONS.
11. SOIL BEARING CAPACITY 2000 PSF MINIMUM

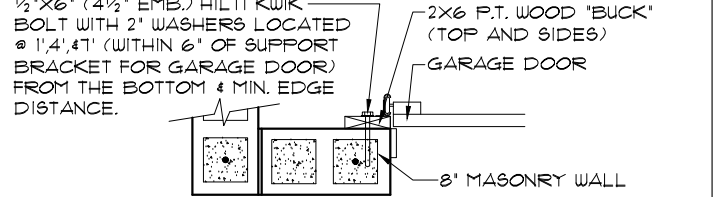
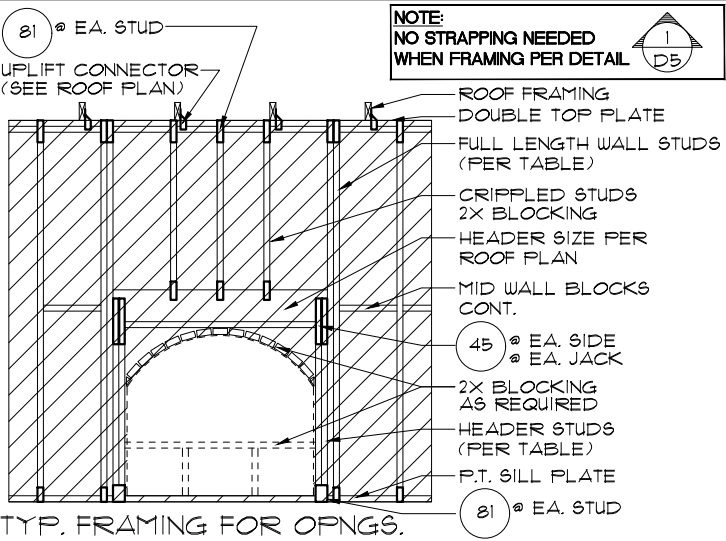
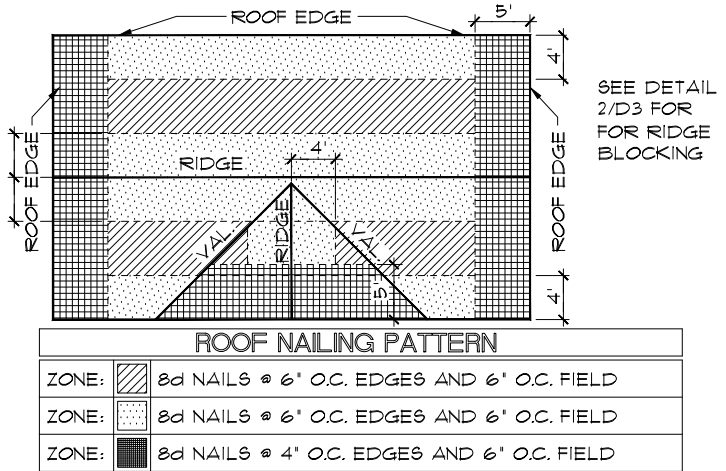
WOOD STRUCTURAL NOTES

1. ALL WOOD TO BE SPECIES, GROUP, AND GRADE AS NOTED BELOW. DAMAGED WOOD NOT TO BE USED.
2. ALL STRUCTURAL LUMBER SHALL BE **SPF** (SPRUCE-PINE-FIR) #2 OR BETTER UNLESS OTHERWISE NOTED. (PRE ENG. TRUSSES EXCLUDED)
3. END JOINT IN STRUCTURAL DOUBLE TOP PLATE TO BE OFFSET AT LEAST 4'. STRUCTURAL DOUBLE PLATES TO BE NAILED @ 6" O.C..
4. PLYWOOD OR OSB. WALL SHEATHING NAIL PATTERN TO BE 10d @ 6" O.C., UNLESS OTHERWISE NOTED.
5. NUMBER OF HEADER STUDS AND ADJACENT FULL LENGTH STUDS PER WALL AND HEADER STUD REQUIREMENT SCHEDULE.
6. MAX. 1" HOLE DRILLED INTO EXTERIOR STRUCTURAL STUDS.
7. DBL. STUDS @ EA. END OF SHEAR WALL. SPLICING IS PERMITTED IN DOUBLE TOP PLATE ABOVE STUDS.
8. WHEN ANCHORING MULTIPLE WD. ITEMS TOGETHER, THE LENGTH OF HURRICANE STRAP MUST BE CENTERED.
9. NAIL PATTERN
-DOUBLE PLATE 12" O.C.. OUTSIDE SPLICE ZONE (SEE NOTE 3)
-DOUBLE STUDS @ 12" O.C..
-DOUBLE OR TRIPLE HEADER @ 6" O.C.. @ EDGE @ 12" O.C.. INTERMEDIATE.
-HEADER TO STUD @ 4" O.C.. EA. HEADER MEMBER.
-STUD TO TOP OR BOTTOM PLATE : (2) 16d THRU PLT. OR (2) 16d EA. SIDE TOE NAILED TO PLT.
10. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.
11. -ROOF SHEATHING FOR SHINGLE ROOF TO BE MIN. 7/16" OSB, NAILED TO ROOF TRUSSES SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING.
-ROOF SHEATHING FOR TILE ROOF TO BE MIN. 19/32" OSB OR 1/2" CDX PLYWOOD . NAILED TO ROOF TO ROOF TRUSS SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING.
12. FLOOR SHEATHING TO BE MIN. 23/32" PLYWOOD NAILED @ 6" O.C. W/ #8 RING SHANK NAILS AND LIQUID NAIL ADHESIVE.
13. ALL FLOOR TRUSSES TO BE END BLOCKED @ BEARING LOCATIONS
14. TRUSS BRACING PER TRUSS MANUFACTURE'S DRAWINGS.
15. ALL NAILING SPECIFIED TO BE APPLIED BY NAIL GUN OR MANUALLY
16. ALL WOOD IN DIRECT CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
17. 2000 PSF MINIMUM SOIL BEARING CAPACITY

18. ALL EXTERIOR FRAME WALLS SHALL BE CONSTRUCTED WITH 2X4 STUDS @ 16" O.C. MIN. UNLESS SPECIFICALLY NOTED OTHERWISE ON PLAN.

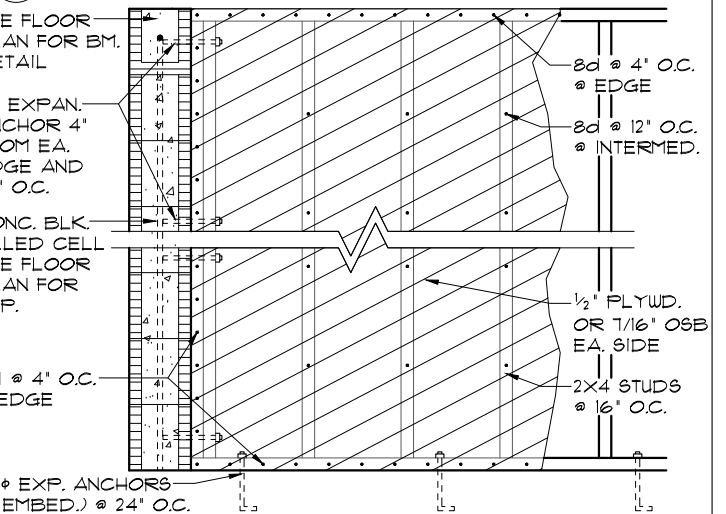
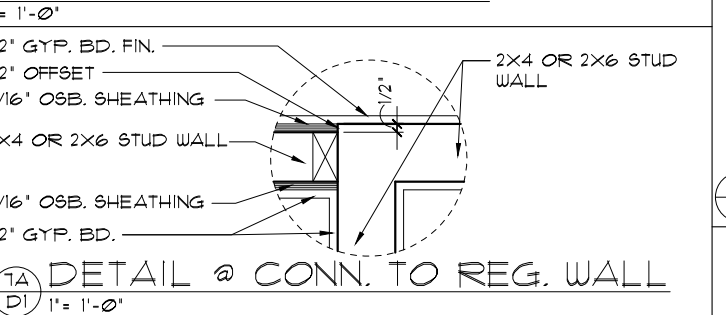
FIELD REPAIR NOTES

1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) USF MTW16 OR HC10 OR SIMPSON MTSM16 W/ (4) ¼" X 2¼" TAPCONS TO BOND BEAM AND (7) 10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 800 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720*). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW. IF GIRDER TRUSS CONNECTIONS ARE MISSED CONTACT ENGINEER FOR SUBSTITUTION
2. MISSED J-BOLTS FOR FRAMED EXTERIOR/ BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. x 1" LONG WEDGE ANCHORS (REDHEADS).
3. MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROFOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
4. BLOCK WALL OVERHANGING SLAB CONDITION:
UP TO ⅞" - NO REPAIR NECESSARY
⅞" TO 1¼" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED
1¼"+ - REQUIRE SPECIAL ENGINEERING LETTER
5. PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3' AND TRUSS/ FLOOR TRUSS IS NO CLOSER THAN 3' FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE
6. EXTERIOR CMU COLUMN HEIGHT LOWER THAN REQ'D.:
- FOR ALL CONDITIONS WHERE BLOCK COLUMN HEIGHT IS LESS THAN 6" LOWER THAN REQ'D., CONTRACTOR SHALL INSTALL 2X P.T. BLKG. AS REQ'D. TO FILL GAP, W/ 1/2"Ø THRU-BOLT DRILLED & EPOXIED TO EXIST. BLOCK COLUMN, MIN. 6" EMBED. META STRAP TO BE REPLACED WITH M5AM24. IF HOLDDOWN SPECIFIED IS DIFFERENT THAN META, CONTACT E.O.R FOR SUB.
- FOR ALL CONDITIONS WHERE BLOCK COLUMN HEIGHT IS 6" OR GREATER THAN REQ'D., CONTRACTOR SHALL INSTALL GROUT FILLED CMU OR C.I.P. CONC. (2000PSI MIN.) W/ #5 VERT. @12" O.C. DRILLED & EPOXIED TO EXIST. BLOCK COLUMN, MIN. 6" EMBED.



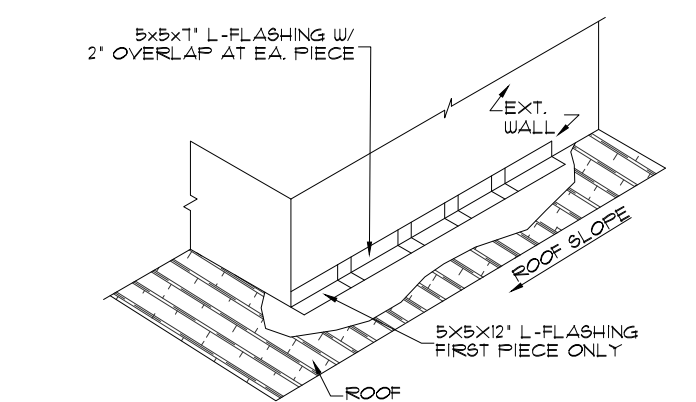
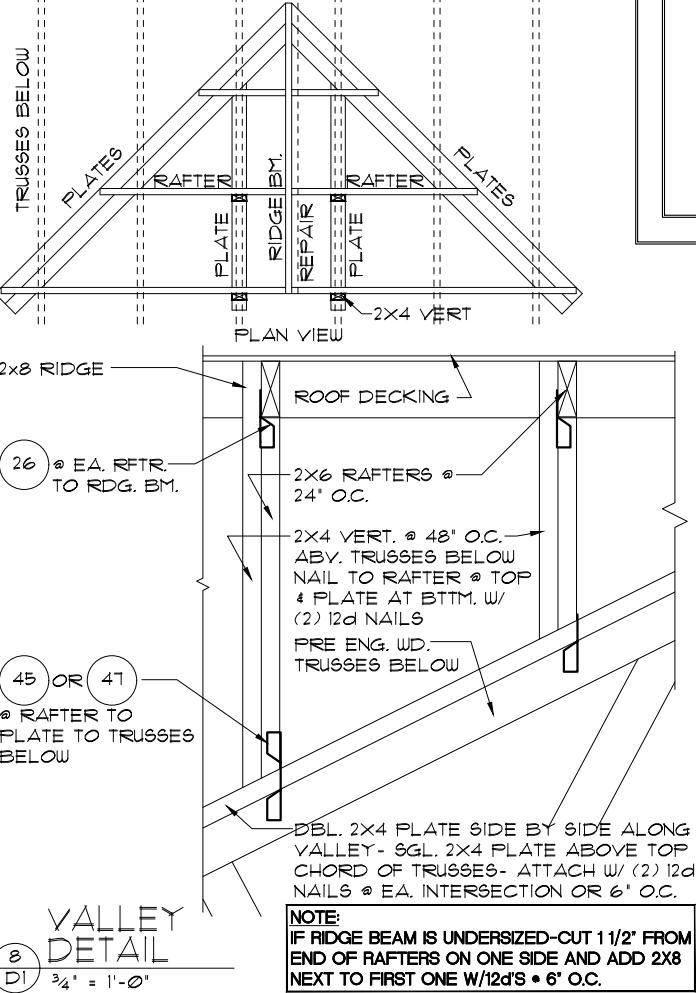
- DETAIL TO SATISFY 140 MPH WIND LOAD
- MASONRY FRAME SHALL BE MIN 8X16 ASTM C-9D
- GROUT FILLED CELL W/½" ASTM 2 #5 REBAR (GRADE 60) @ EA. SIDE OF GARAGE DOOR OPENING
- MAX. DISTANCE TO CORNER OF C.B.S. WALL REINF. 48"
- REINF. TO BE CONT. FROM FTG. TO TIE BEAM W/ ALL 'ACI' DETAILS & DEVELOPMENT LENGTHS ADHERED TO
- GARAGE DOOR MANUF. TO PROVIDE ATTACHMENT TO 'BUCK'
- 1) THE GARAGE DOOR ASSEMBLY SHALL BE DESIGNED FOR POSITIVE AND NEGATIVE WIND PRESSURES OF 25 PSF IN ACCORDANCE WITH SECTION R301 OF THE FLORIDA RESIDENTIAL CODE CERTIFICATION SHALL BE SUBMITTED FROM THE GARAGE DOOR MANUFACTURER TO THE BUILDING DEPARTMENT FOR THE FOLLOWING ITEMS:
A.) THE DESIGN OF THE DOOR CAN WITHSTAND POSITIVE AND NEGATIVE WIND PRESSURES OF 25 PSF.
B.) THE DESIGN OF THE DOOR COMPLIES WITH THE CRITERIA SPECIFIED IN SECTION R613 OF THE 2020 FLORIDA BUILDING CODE RESIDENTIAL, 1TH EDITION
C.) DOOR SIZE, TYPE AND GLAZING
D.) TRACK SIZE AND FASTENER DETAILS.
E.) TRACK BRACKET QUANTITY, SPACING AND FASTENER DETAILS.
F.) REINFORCING MEMBER QUANTITY, LOCATION, SIZE, TYPE AND FASTENER DETAILS. (IF REQUIRED)

GARAGE BUCK DETAIL



MIN. WALL AND HEADER REQUIREMENTS

		MAXIMUM HEADER SPAN (ft.)					
		3'	6'	9'	12'	15'	18'
UNSUPPORTED WALL HEIGHT	STUD SPACING	NUMBER OF HEADER STUDS SUPPORTING END OF HEADER					
		1	1	2	2	2	2
		NUMBER OF FULL-LENGTH STUDS @ EACH END OF HEADER					
10' OR LESS		2	2	3	3	3	3
GREATER THAN 10'		2	2	3	4	5	5



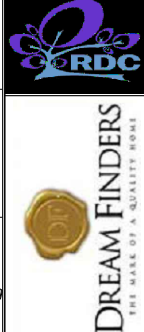
STEP FLASHING DETAIL

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TYPICAL STRUCTURAL DETAILS

STANDARD DETAILS

DETAILS TYPE "C"

DATE 04-18-17

SCALE AS NOTED

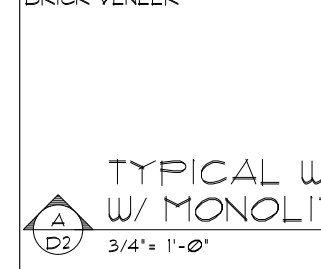
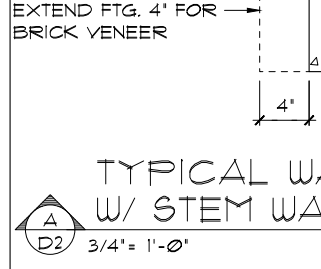
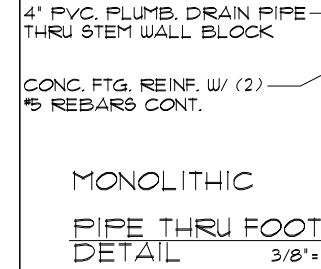
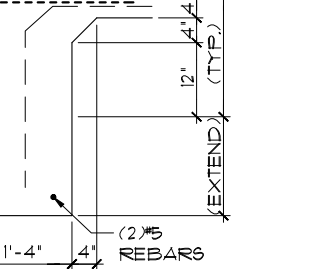
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JOB

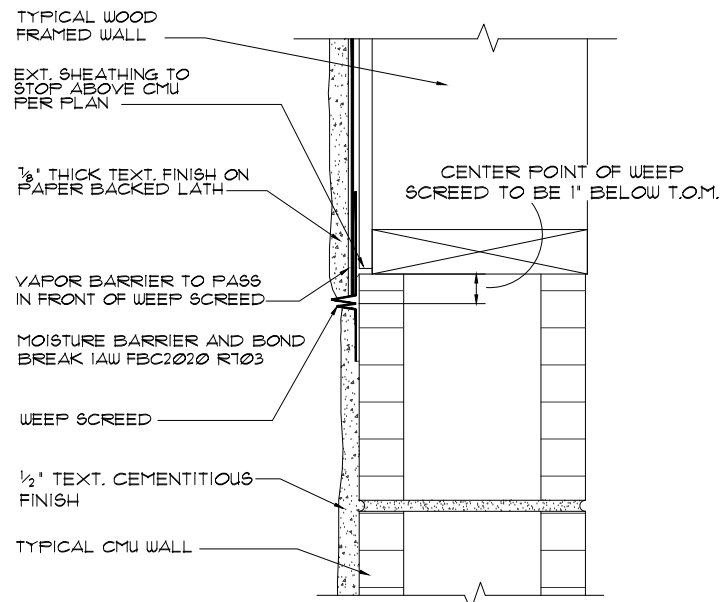
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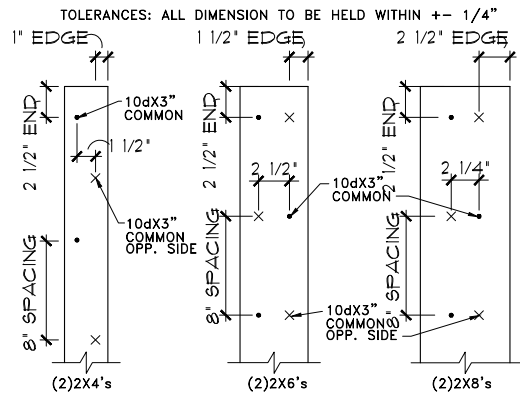
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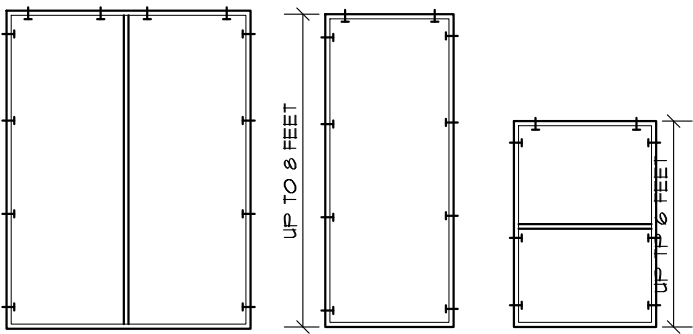
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SCALE	AS NOTED
DRAWN	JR & RDC
JOB	
SHEET	
	D2
OF	SHEETS



FLASHING DETAIL
N.T.S.



2X BUILT-UP STUD COLUMN DETAILS
1 1/2" = 1'-0"



DOUBLE DOOR SINGLE DOOR WINDOW

FOR MULTIPLE WINDOWS AND DOORS USE 2 TAPCONS PER WINDOW AT THE HEAD AND 4 TAPCONS AT THE JAMB.

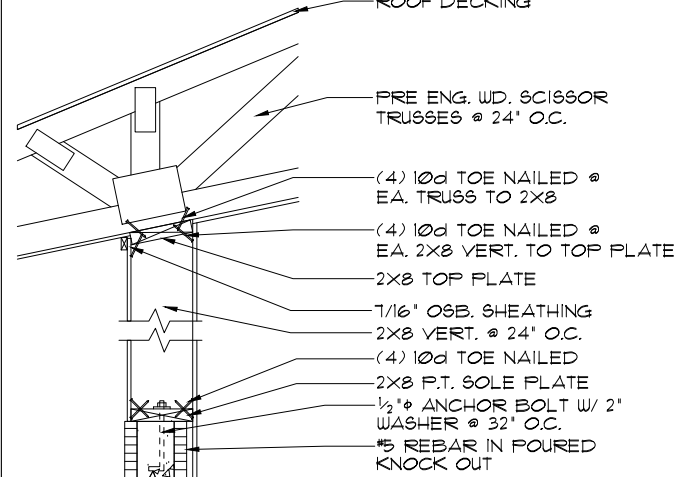
BUCK ATTACHMENT DATA

BUCKS SHALL BE 1x4 OR 2x8 PT AT WINDOWS OR 2x8 PT AT DOORS IN PINE OR SPRUCE. AT WINDOWS ATTACH BUCKS TO BLOCK WITH COMMON T-NAILS AND PLACEMENT SIMILAR TO TAPCONS SHOWN. AT DOORS OR FIN WINDOWS IN BLOCK, ATTACH BUCKS w/ 2 T-NAILS TOP AND BOTTOM AND 8" O.C. STAGGERED IN THE FIELD.

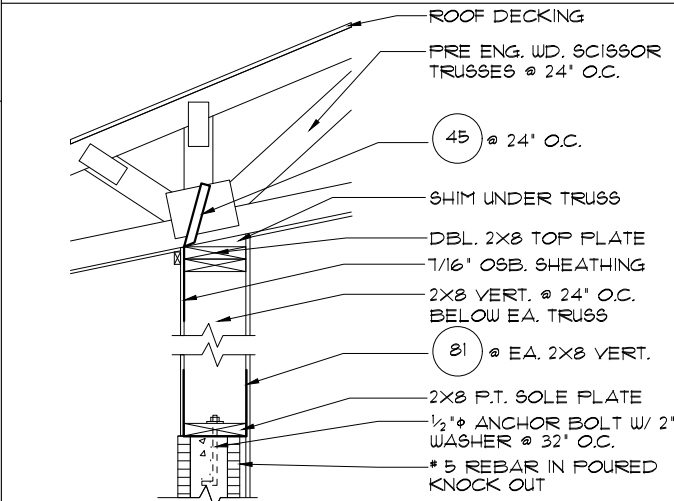
USE MIN. 2 1/4" T-NAILS w/ 1x BUCK. USE MIN. 1/4" x 3" TAPCONS w/ 2x BUCK. START ALL END TAPCONS WITHIN 6" OF CORNERS AND 30" ON CENTER MAXIMUM.

NOTE

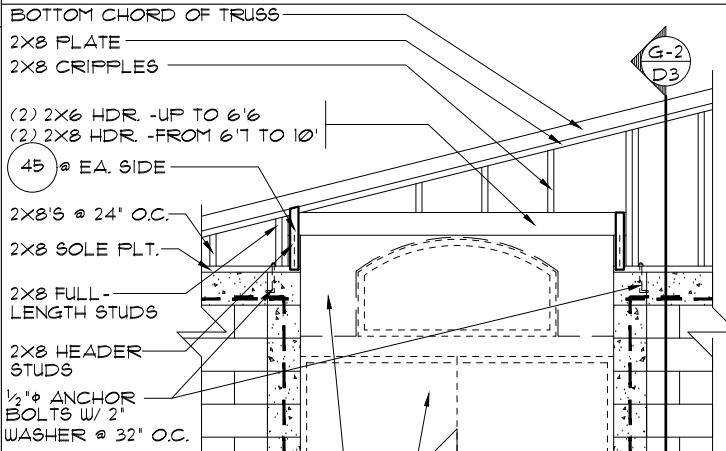
IN CASES OF BLOCK OPENINGS LARGER THAN DOOR FRAMING: ATTACH ADDITIONAL 2X FRAMING TO THE BLOCK WALL USING 1/4" x 4" TAPCONS AT 3' FROM END AND 12" O.C. IN THE CENTER. ATTACH TOP FRAMING TO HEADER USING 1/4" x 1 1/2" TAPCONS w/ (1) 6" FROM END TO END AND 12" O.C. IN THE CENTER.



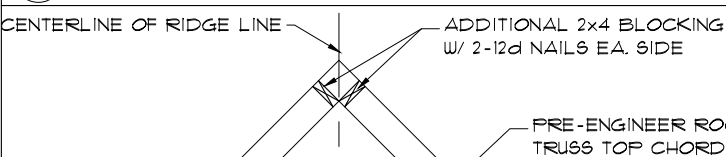
NON-BEARING
1 1/2" = 1'-0"



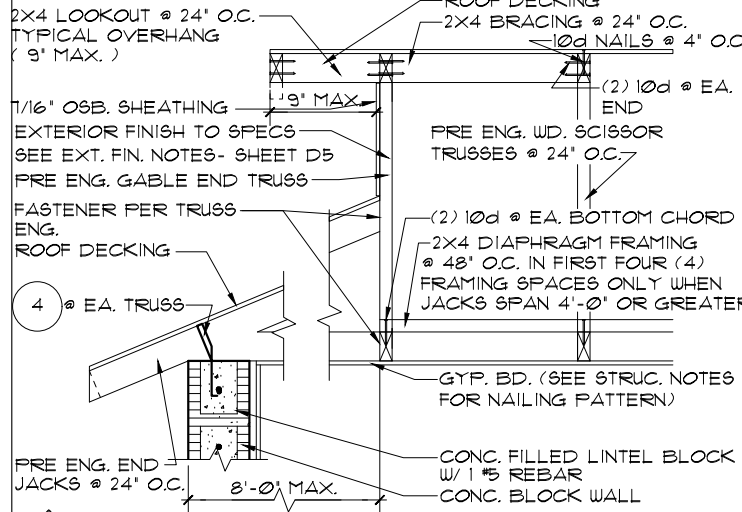
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1 1/2" = 1'-0"



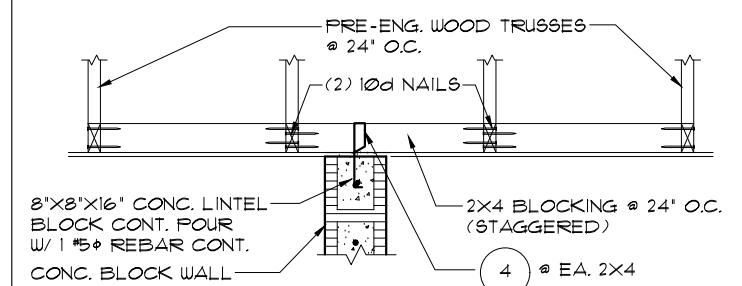
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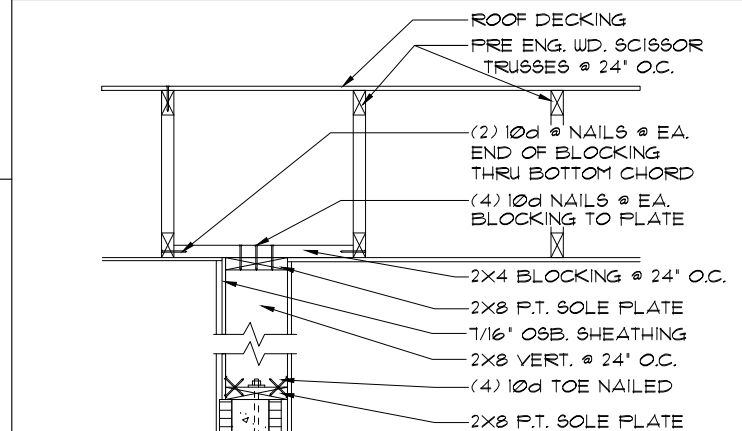
RIDGE DETAIL
N.T.S.



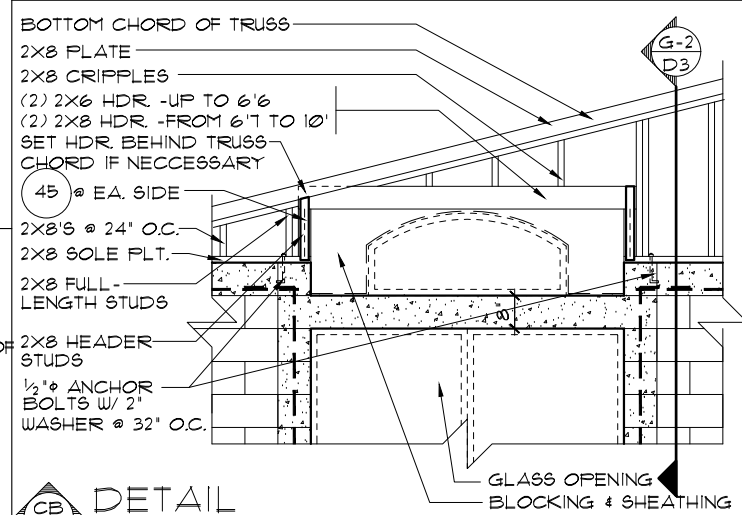
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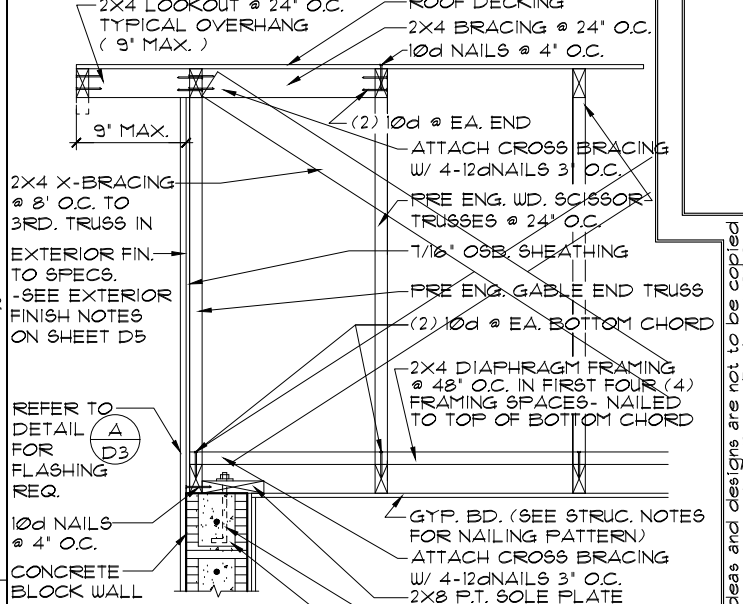
DETAIL
1 1/2" = 1'-0"



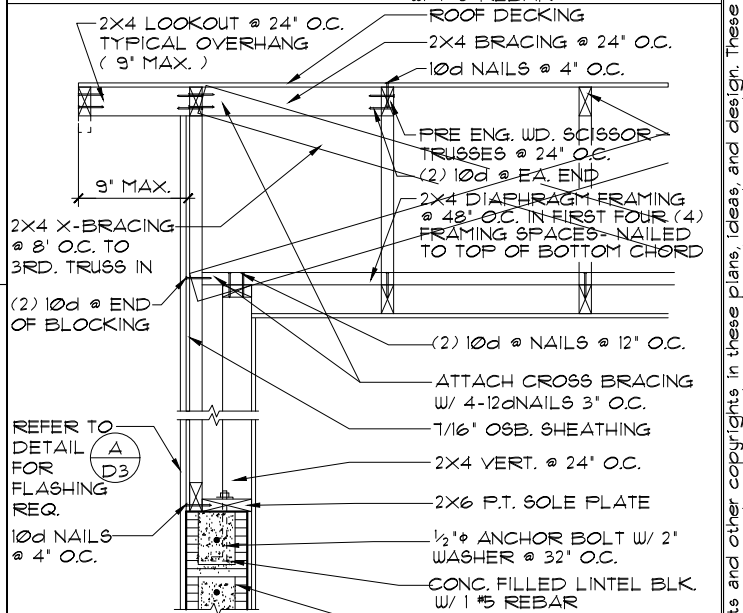
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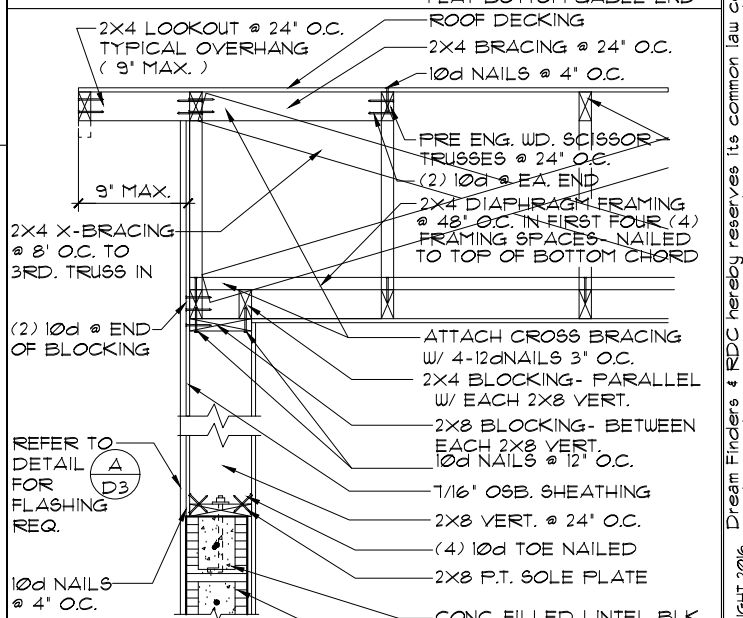
DETAIL
1 1/2" = 1'-0"



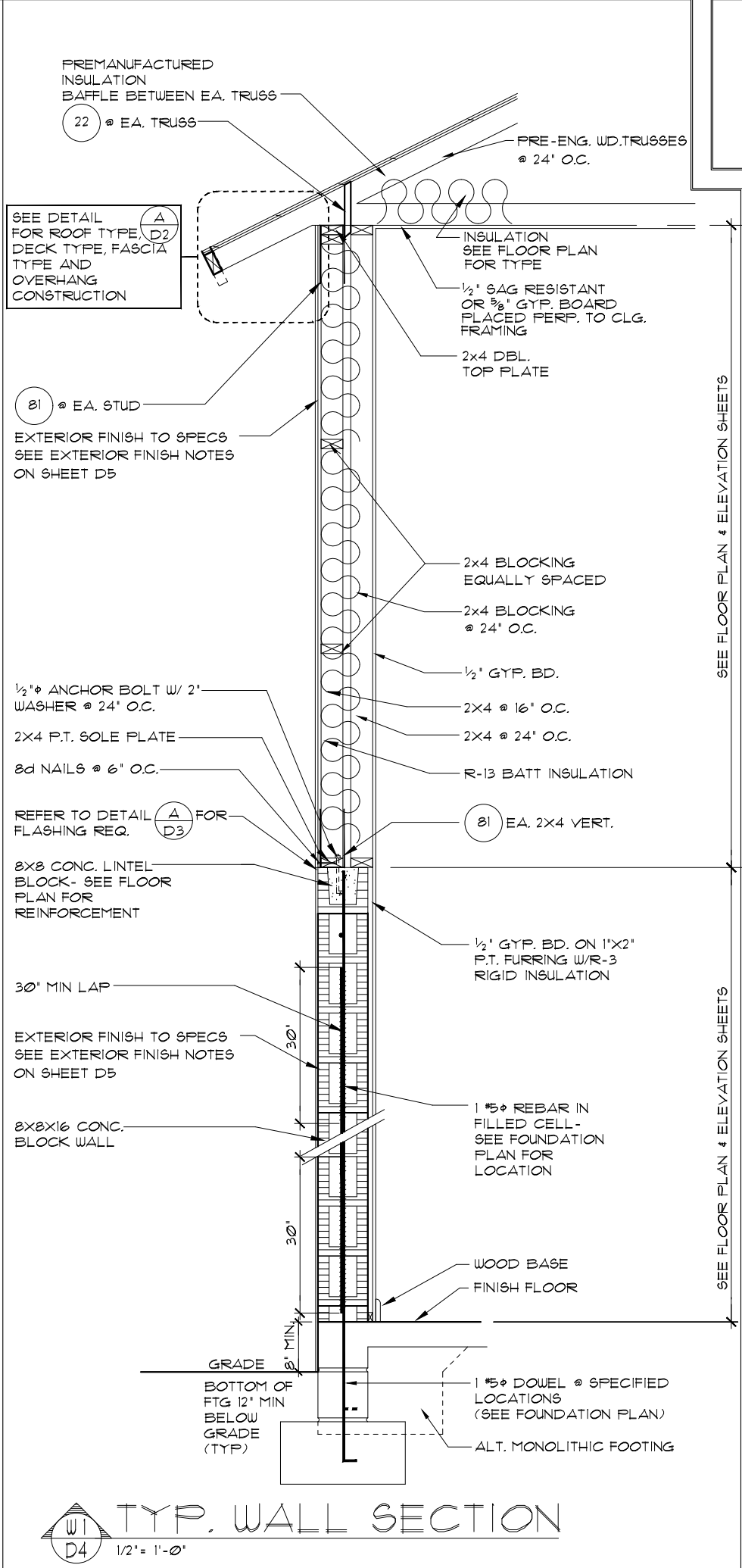
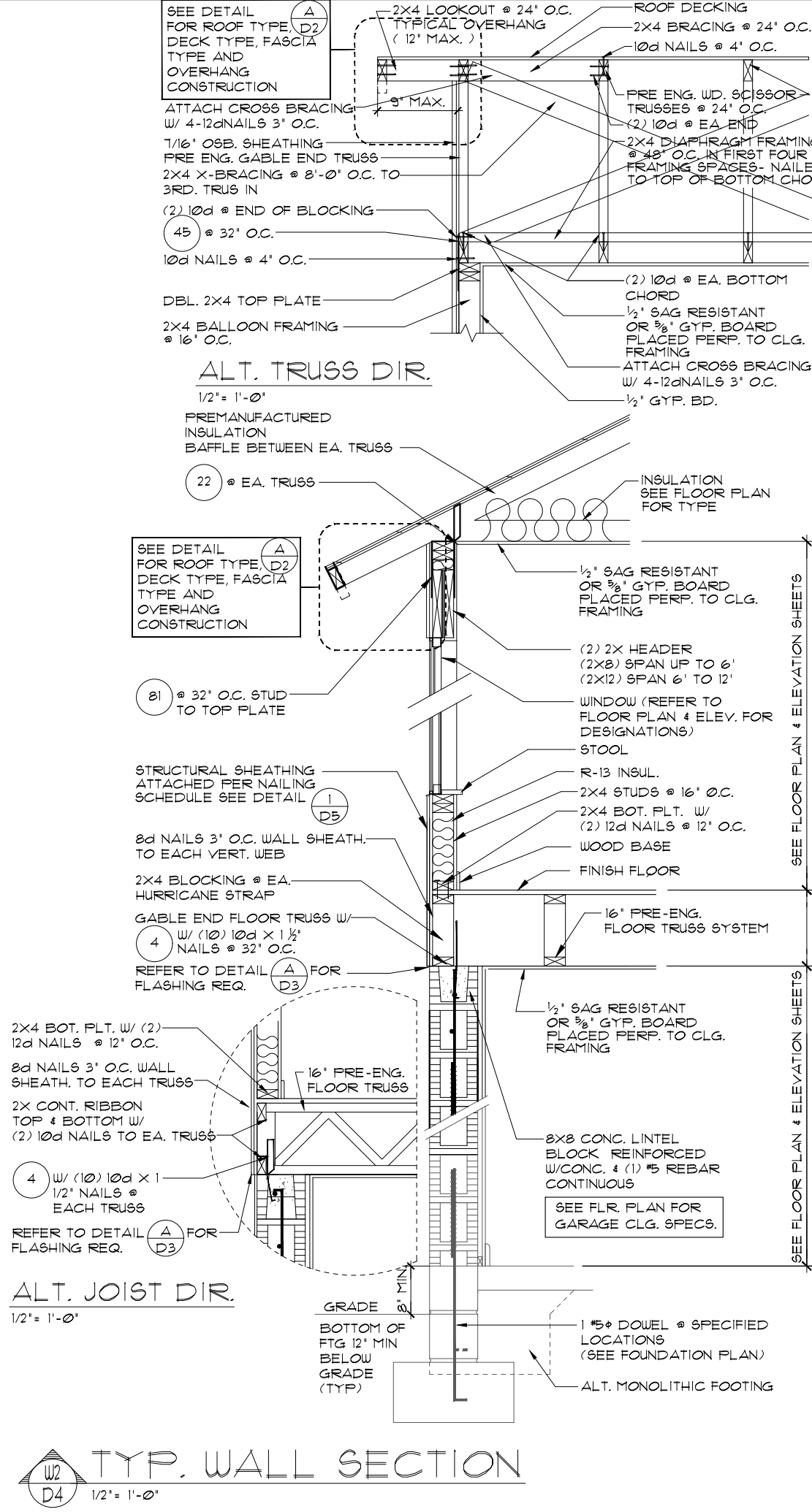
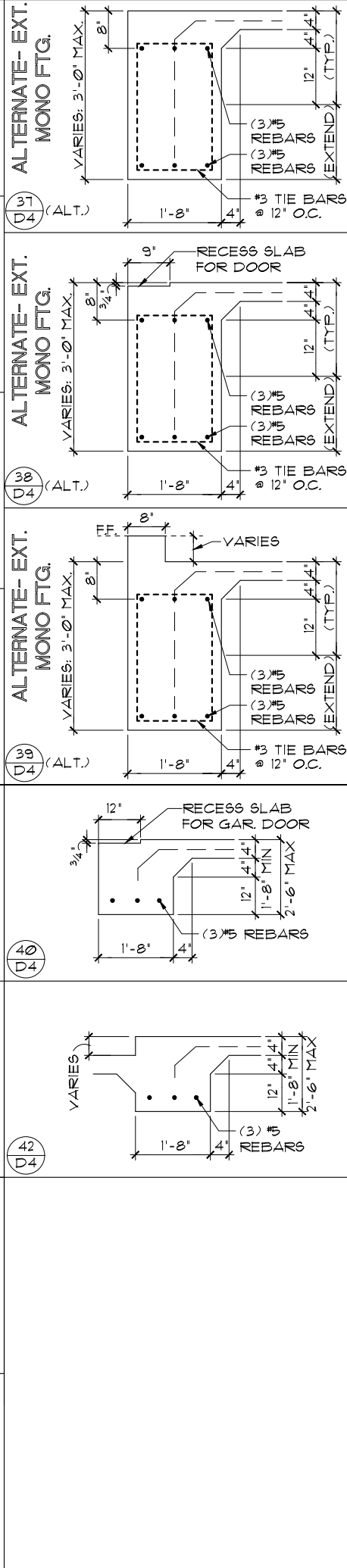
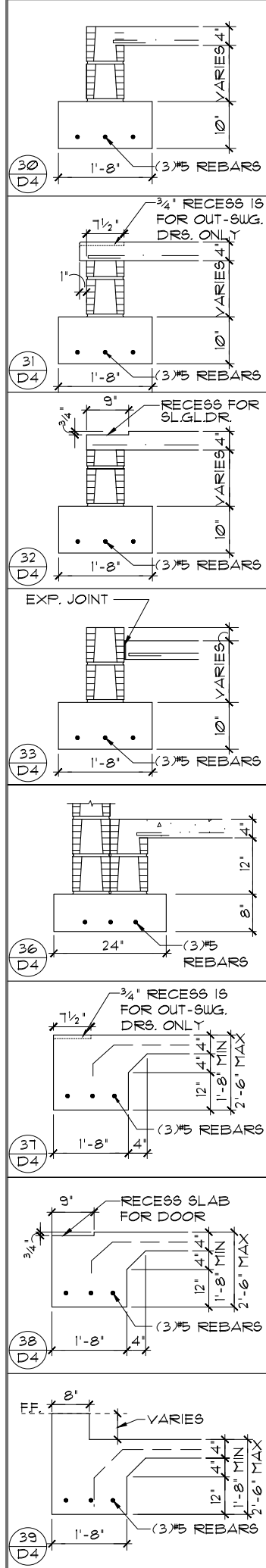
GABLE END
1 1/2" = 1'-0"



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DREAM FINDERS
THE MAKERS OF A QUALITY REPORT

TYPICAL STRUCTURAL DETAILS
(2 STORY)

STANDARD DETAILS
DETAILS TYPE "C"

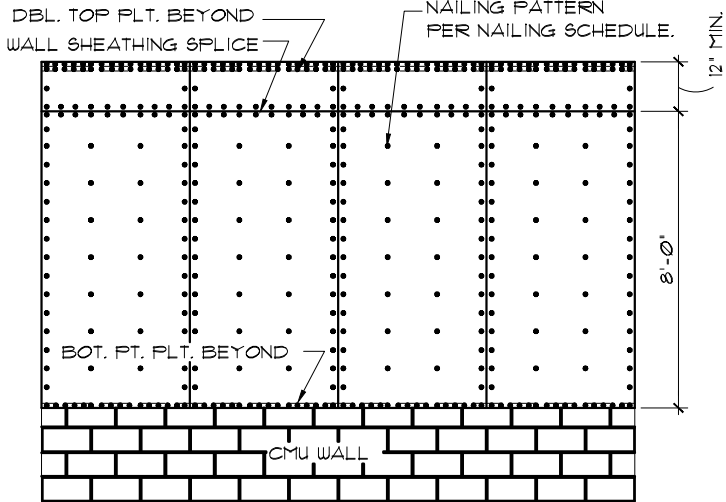
DATE 04-18-17
SCALE AS NOTED
DRAWN JR & RDC
JOB
SHEET D4 OF SHEETS

NOTE:

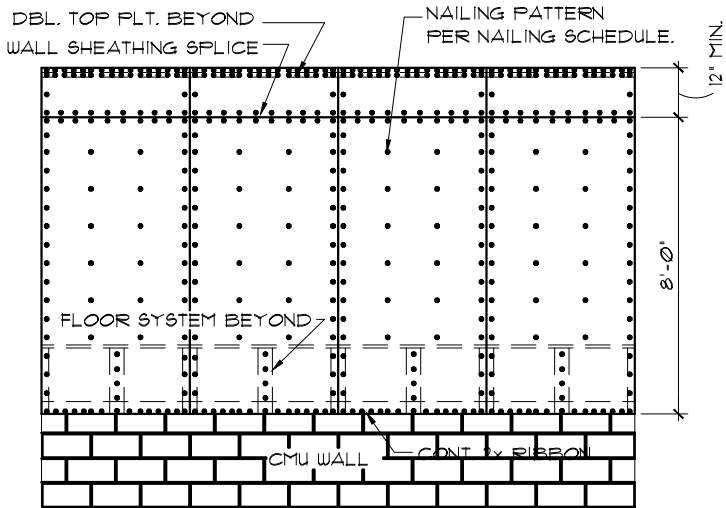
1/2" PLYWOOD OR 1/16" O.S.B. TO BE USED AS UPLIFT RESISTANCE NO OTHER FASTENERS REQ'D. EXCEPT AS NOTED ON PLANS IN TWO STORY FRAME APPLICATIONS, SHEATHING SHALL EXTEND MIN. 1'-0" W/O BREAK ABV. 2nd FLOOR BOTTOM FLT. TO T.O.M.

NAILING SCHEDULE:

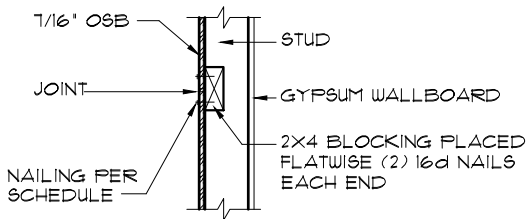
(2) ROWS @ 3' O.C. AT TOP AND (1) ROW AT BOTTOM OF WALL, 6' O.C. ALL OTHER EDGES AND 12" IN FIELD. BLOCKING SHALL BE PLACED AT ALL SHEATHING JOINTS.



A SHEATHING ELEV. BALLOON FRAMING N.T.S.

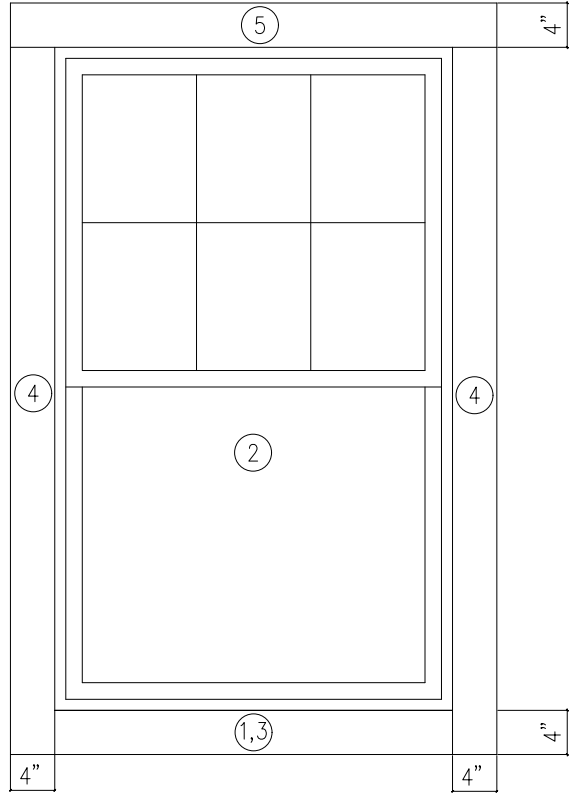


B SHEATHING ELEV. 2-STORY FRAMING N.T.S.



C SHEATHING BLOCKING @ HORIZONTAL JOINTS N.T.S.

1 D5 SHEATHING UPLIFT DETAILS N.T.S.



INSTALLATION NOTES:

1. THROUGHOUT INSTALLATION, KEEP THE WINDOW JAMBS PLUMB AND SQUARE. KEEP HEAD AND SILL LEVEL AND SQUARE. MAKE SURE HEAD AND SILL ARE NOT CROWNED UP OR DOWN.
2. CONSTANTLY CHECK WIDTH AT MEETING RAILS (i.e. DOUBLE HUNG) TO AVOID "BOWED OUT" INSTALLATION.
3. APPLY GENEROUS BEAD OF CAULK ALONG INTERIOR SURFACE OF NAILING FIN ON ALL SIDES PRIOR TO SETTING WINDOW INTO OPENING.
4. PLACE 1/4" SHIMS AT SILL CORNERS AND SET WINDOW INTO SHIMS. CENTER THE WINDOW IN THE OPENING ALLOWING A 1/4" GAP BETWEEN WINDOW AND FRAMING MATERIAL ON EACH SIDE. WHEN INSTALLATION IS COMPLETE, THESE SHIMS MAY BE REMOVED.
5. INSTALL FASTENERS (STRAIGHT, NOT ANGLED) IN EVERY OTHER FASTENER SLOT STARTING AT THE MIDDLE OF THE WINDOW. FASTENER MUST BE EMBEDDED INTO SOLID WOOD A MINIMUM OF 1". KEEP WINDOW LOCKED UNTIL ALL SIDES ARE SECURED.
6. CAULK OVER FASTENERS AND ANY FASTENER SLOTS NOT USED.
7. CAULK OUTSIDE PERIMETER OF INSTALLED WINDOW.
8. INSULATE AROUND PERIMETER WITH BATT TYPE INSULATION. DO NOT USE EXPANDABLE FOAM. THE USE OF EXPANDABLE FOAM WILL VOID WARRANTY.
9. FOR ANY INSTALLATION FINISHED WITH BRICK OR STONE, ALLOW 1/4" GAP AT SILL BETWEEN STRUCTURE AND WINDOW. THEN, CAULK THIS GAP.
10. CAULK GAP BETWEEN INSTALLED WINDOW EXTERIOR PERIMETER AND J-CHANNEL (OR BRICK OR OTHER EXTERIOR FINISHING MATERIAL WHICH SURROUNDS WINDOW).

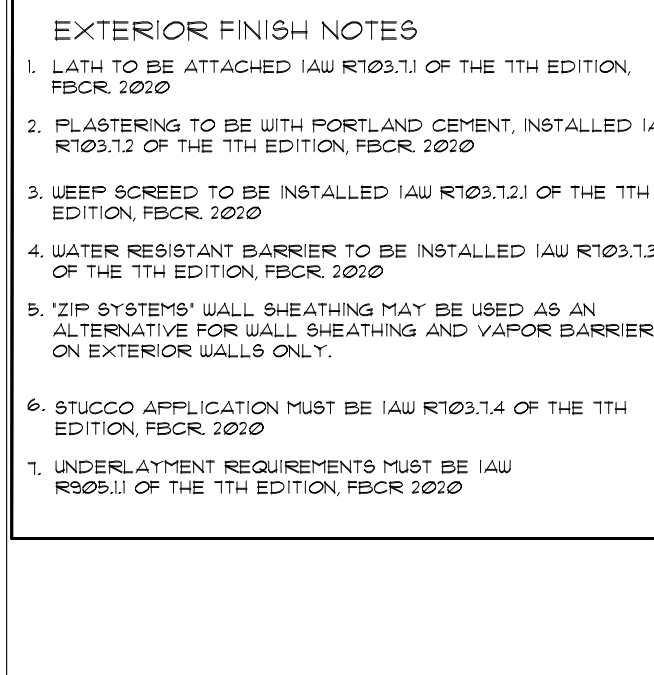
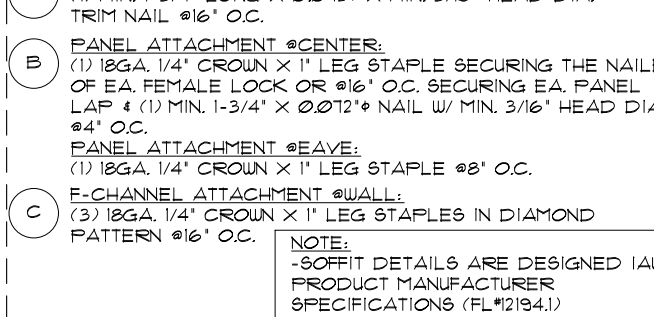
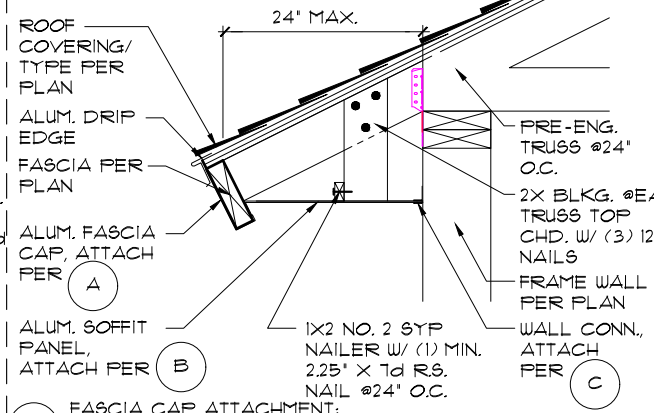
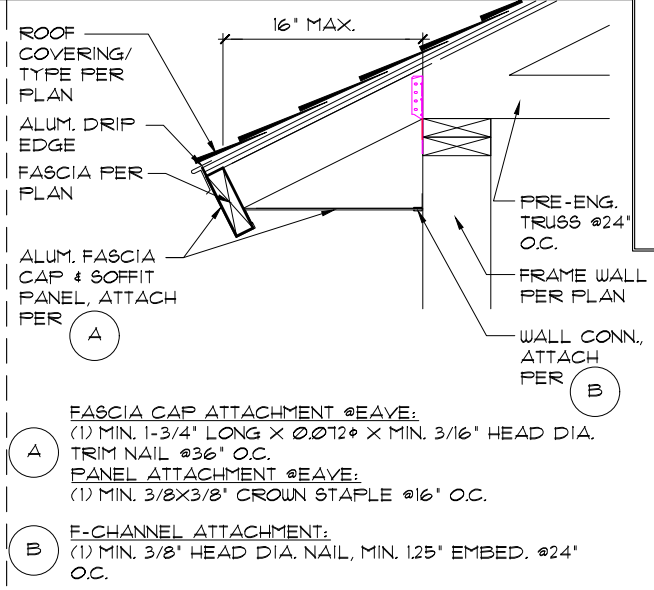
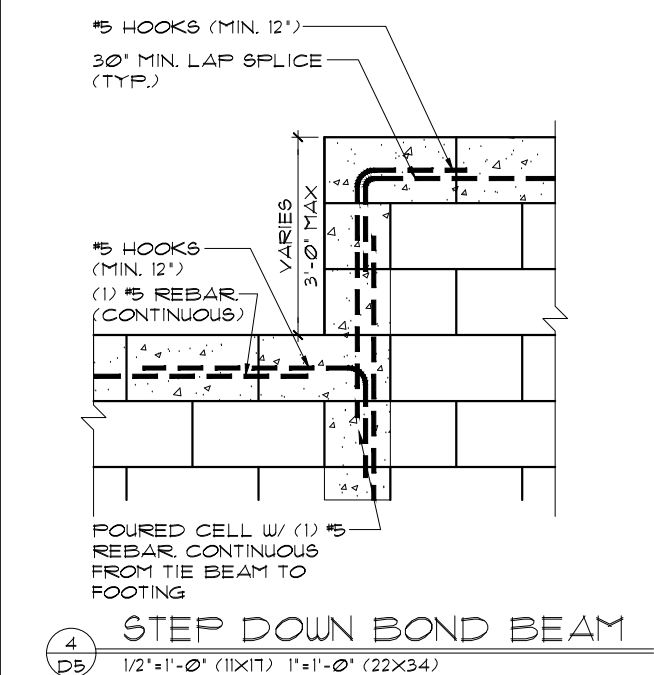
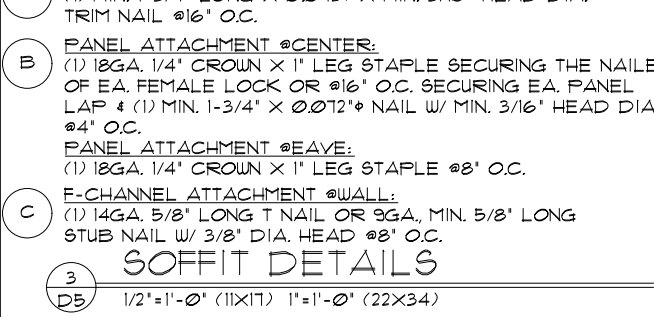
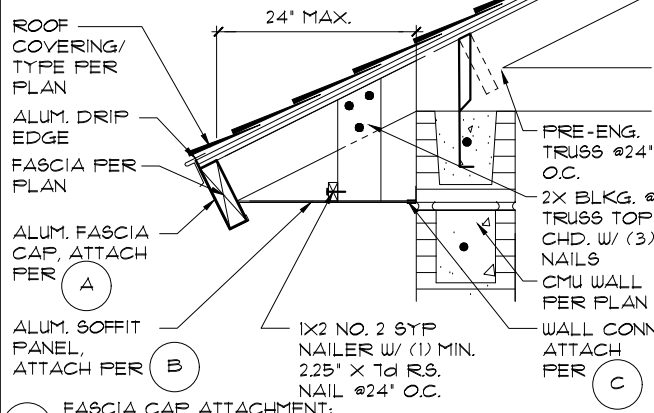
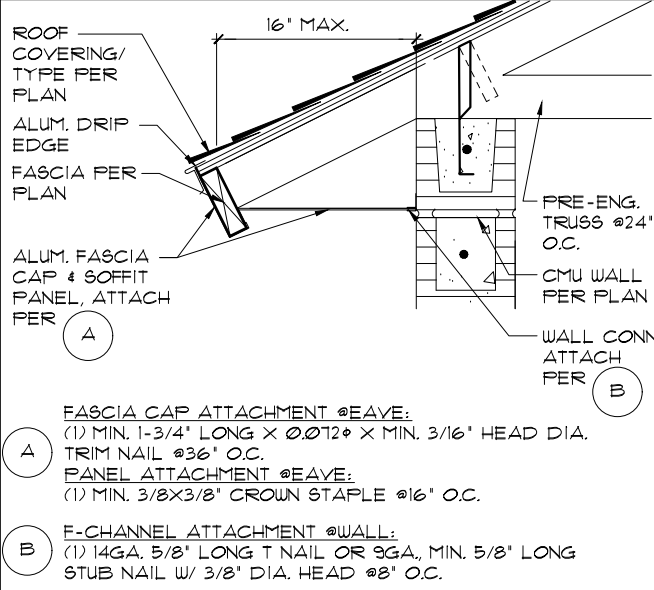
FLASHING SEQUENCING:

1. APPLY BOTTOM PIECE OF SELF-ADHESIVE TYPE FLASHING OVER ALL OF ROUGH OPENING.
 2. SET WINDOW UNIT.
 3. APPLY 2ND BOTTOM PIECE OF SELF-ADHESIVE TYPE FLASHING OVER NAILING FIN AND BLDG PAPER.
 4. APPLY SIDE STRIPS OF SELF-ADHESIVE TYPE FLASHING.
 5. APPLY TOP PIECE OF SELF-ADHESIVE TYPE FLASHING.
- NOTE:**
SELF-ADHESIVE TYPE FLASHING IS A GENERIC TERM. SEE SPECIFICATIONS FOR MATERIAL TO BE USED.

IMPORTANT:

IT IS THE RESPONSIBILITY OF THE OWNER OR BUILDER TO SELECT PRODUCTS IN COMPLIANCE WITH APPLICABLE LAWS AND BUILDING CODES. DO NOT USE MURIATIC ACID ON HOMES AFTER INSTALLING THIS WINDOW. THE ACID MAY DESTROY THE COIL SPRING BALANCE SYSTEM. WINDOWS WILL NOT BE UNDER WARRANTY IF EXPOSED TO MURIATIC ACID. DO NOT LAY WINDOWS FLAT OR STORE IN SUN BEFORE INSTALLING. ALL WARRANTIES NULL AND VOID IF ANY VERTICAL HOLES ARE PUT INTO WINDOW SILL AREA OF ANY WINDOW.

2 D5 WINDOW FLASHING DETAIL N.T.S.



EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.7.1 OF THE 11TH EDITION, FBCR 2020
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.12 OF THE 11TH EDITION, FBCR 2020
3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 11TH EDITION, FBCR 2020
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS ONLY.
6. STUCCO APPLICATION MUST BE IAW R103.1.4 OF THE 11TH EDITION, FBCR 2020
7. UNDERLAYMENT REQUIREMENTS MUST BE IAW R905.1.1 OF THE 11TH EDITION, FBCR 2020

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TYPICAL STRUCTURAL DETAILS

STANDARD DETAILS

DATE 04-18-17 SCALE AS NOTED DRAWN JR & RDC JOB SHEET D5 OF SHEETS