2382

THE PEMBROKE (SIDING)

FLORIDA SERIES

PAD SIZE: 40' X 54'-8"

SHEET INDEX:

00	COVER SHEET
01A	FOUNDATION PLAN "A"
02A	FLOOR PLAN W/ DIMENSIONS "A"
03A	FLOOR PLAN W/ NOTES "A"
04A	UPPER FLOOR PLAN W/ DIMEN. "A"
05A	UPPER FLOOR PLAN W/ NOTES "A"
06A	EXTER. ELEVATION "A"- FRONT & REAR
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08	CROSS SECTION / INTERIOR ELEVATIONS
09	ELECTRICAL PLAN
10	UPPER FLOOR ELECTRICAL PLAN
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12A	UPPER FLOOR TRUSS LAYOUT "A"
13A	PRE-CAST LINTEL LAYOUT "A"
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15	TYPICAL DETAILS
16	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

* ADD .3 FOR 3-CAR GARAGE OPTION

SHEET INDEX:

00	COVER SHEET
01B	FOUNDATION PLAN "B"
02B	FLOOR PLAN W/ DIMENSIONS "B"
03B	FLOOR PLAN W/ NOTES "B"
04B	UPPER FLOOR PLAN W/ DIMEN. "B"
05B	UPPER FLOOR PLAN W/ NOTES "B"
06B	EXTER. ELEVATION "B"- FRONT & REAR
07B	EXTER. ELEVATION "B"- LEFT & RIGHT
08	CROSS SECTION / INTERIOR ELEVATIONS
09	ELECTRICAL PLAN
10	UPPER FLOOR ELECTRICAL PLAN
11B	TRUSS LAYOUT "B"
12B	UPPER FLOOR TRUSS LAYOUT "B"
13B	PRE-CAST LINTEL LAYOUT "B"
14	TYPICAL DETAILS
15	TYPICAL DETAILS
16	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

* ADD .3 FOR 3-CAR GARAGE OPTION

SHEET INDEX:

00	COVER SHEET
01C	FOUNDATION PLAN "C"
02C	FLOOR PLAN W/ DIMENSIONS "C"
03C	FLOOR PLAN W/ NOTES "C"
04C	UPPER FLOOR PLAN W/ DIMEN. "C"
05C	UPPER FLOOR PLAN W/ NOTES "C"
06C	EXTER. ELEVATION "C"- FRONT & REAR
07C	EXTER. ELEVATION "C"- LEFT & RIGHT
08	CROSS SECTION / INTERIOR ELEVATIONS
09	ELECTRICAL PLAN
10	UPPER FLOOR ELECTRICAL PLAN
11C	TRUSS LAYOUT "C"
12C	UPPER FLOOR TRUSS LAYOUT "C"
13C	PRE-CAST LINTEL LAYOUT "C"
14	TYPICAL DETAILS
15	TYPICAL DETAILS
16	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

* ADD .3 FOR 3-CAR GARAGE OPTION

REVISION SCHEDULE

NO.	DATE	DESCRIPTION	BY
1	12.03.13	- RELOCATED A/C CHASE - MADE PANTRY WALL 5 1/2" W	RG
		-EXTENDED BAR TOP AT KITCHEN TO BE 14" -ADDED WINDOW IN BATH #3	
		-EXTENDED BAR TOP AT KITCHEN TO BE 14" -ADDED WINDOW IN BATH #3	
		-MOVED MASTER BED WINDOW TO THE REAR -CHANGE REAR ROOF PITCH TO 4/12	
		-UPDATED ELECTRICAL LAYOUT	
2	06.25.14	ADD 3-CAR GARAGE OPTION	RDC
3	12-01-14	-REDESIGN BEDROOM 2/BATH 2 -REDESIGN DROPZONE AREA	RDC
		-ADD NEW ELEVATION "C" -ADD NEW ELEVATION "D"	
4	08-06-15	-APPLIED MID-FLORIDA TRUSSES TO ELEV "B&C" -CHANGED WALL IN BDRM#2 TO 2X6 &	MW
		ADD 5 1/4" X 5 1/4" P.S.L. UNDER GIRDER 'G1	
5	15-12-15	-REPLACE OPEN RAILING @ 1ST FLOOR STAIRS WITH 42"H. WALL STD	MW
6	04-04-16	-ADD WALL MOUNT LIGHT IN LANAI STD	MW
7	11-16-16	-REPLACE SCUTTLE W/2/0X3/0 SINGLE PRE-HUNG A.A.	MW
8	04-23-18	UPDATE TO 2017 CODE - ELEV A, B & C	MW
9	07-13-18	REDESIGN LAUNDRY CHUTE	MW
10	11-29-18	REDESIGN MASTER BEDROOM TRAY CLG	MW
11	05-16-19	-ADDED NEW A,B,C SIDING ELEVATIONS	JF
12	11-05-19	-REPLACE 2X4 WALL AT STAIRS W/ 2X6 TO ACCOMODATE 3-PLY GIRDER	MW
13	05-01-21	UPDATE TO 2020 CODE - ELEV A, B & C	RN
14	10-06-21	-REMOVE MEDICINE CABINET FROM BATHROOMS	RN
15	05-19-22	REDESIGN LAUNDRY CHUTE PER SUMMERBROOKE	MW
16	10/05/23	- DELETE INTERIOR DOORS HT	MW
17	01/25/24	- REPLACE BIFOLD DR @ 2ND FLR LINEN CLOSET W/PRE-HUNG DR.	MW
18	01/30/24	- UPDATE 8TH EDITION- 2023 CODE	MW

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

THOMPSON ENGINEERING GROUP, INC
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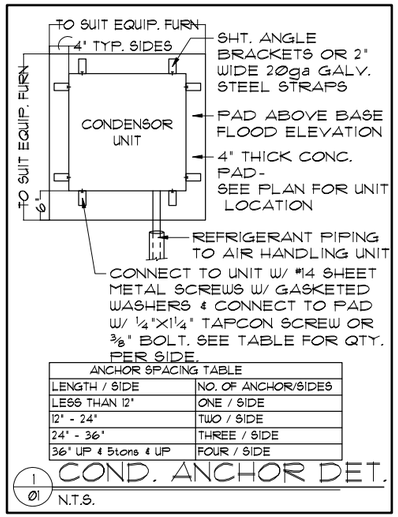
Phone: (407) 529 - 3000

COVER SHEET

2382 THE PEMBROKE

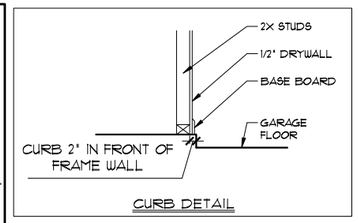
DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	00
OF	SHEETS



ANCHOR SPACING TABLE	
LENGTH / SIDE	NO. OF ANCHOR/SIDES
LESS THAN 12"	ONE / SIDE
12" - 24"	TWO / SIDE
24" - 36"	THREE / SIDE
36" UP & 5tons & UP	FOUR / SIDE

1/01 COND. ANCHOR DET.

N.T.S.



CURB DETAIL

FOUNDATION NOTES

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. ⊡ DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5◊ REBAR. GRADE 60
3. ■ DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5◊ REBAR. GRADE 60
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. WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
6. ▩ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
7. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
8. ~~16/D2 STANDARD FOOTING~~ NOT USED ~~1/D2 ALTERNATE FOOTING~~
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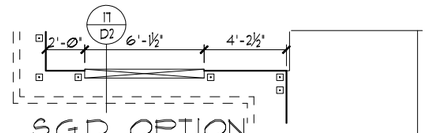
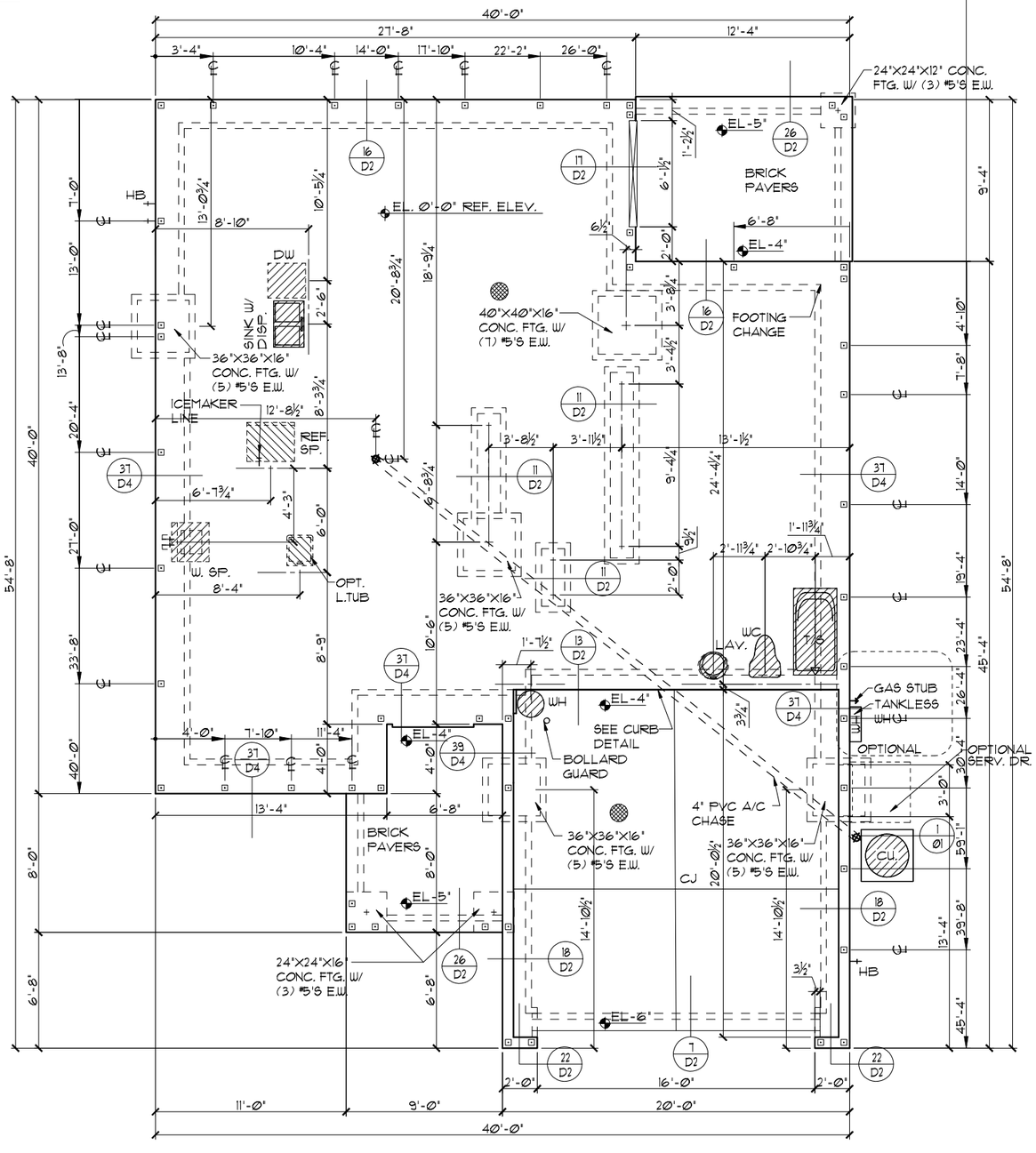
11. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.482 FLORDA BUILDING CODE.



S.G.D. OPTION

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



FOUNDATION PLAN "A"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000 COMMUNITY NAME

REVISIONS	BY
05-16-19	JF

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FLORIDA SERIES

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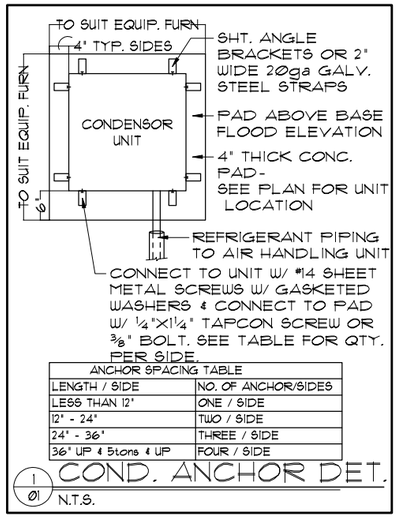
FOUNDATION PLAN

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	01A
OF	SHEETS



ANCHOR SPACING TABLE	
LENGTH / SIDE	NO. OF ANCHOR/SIDES
LESS THAN 12"	ONE / SIDE
12" - 24"	TWO / SIDE
24" - 36"	THREE / SIDE
36" UP & 5tons & UP	FOUR / SIDE

1/Ø1 COND. ANCHOR DET.
N.T.S.

FOUNDATION NOTES

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2. ⊡ DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5◊ REBAR, GRADE 60
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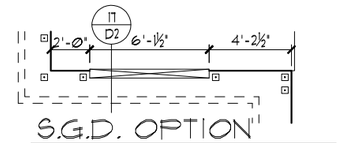

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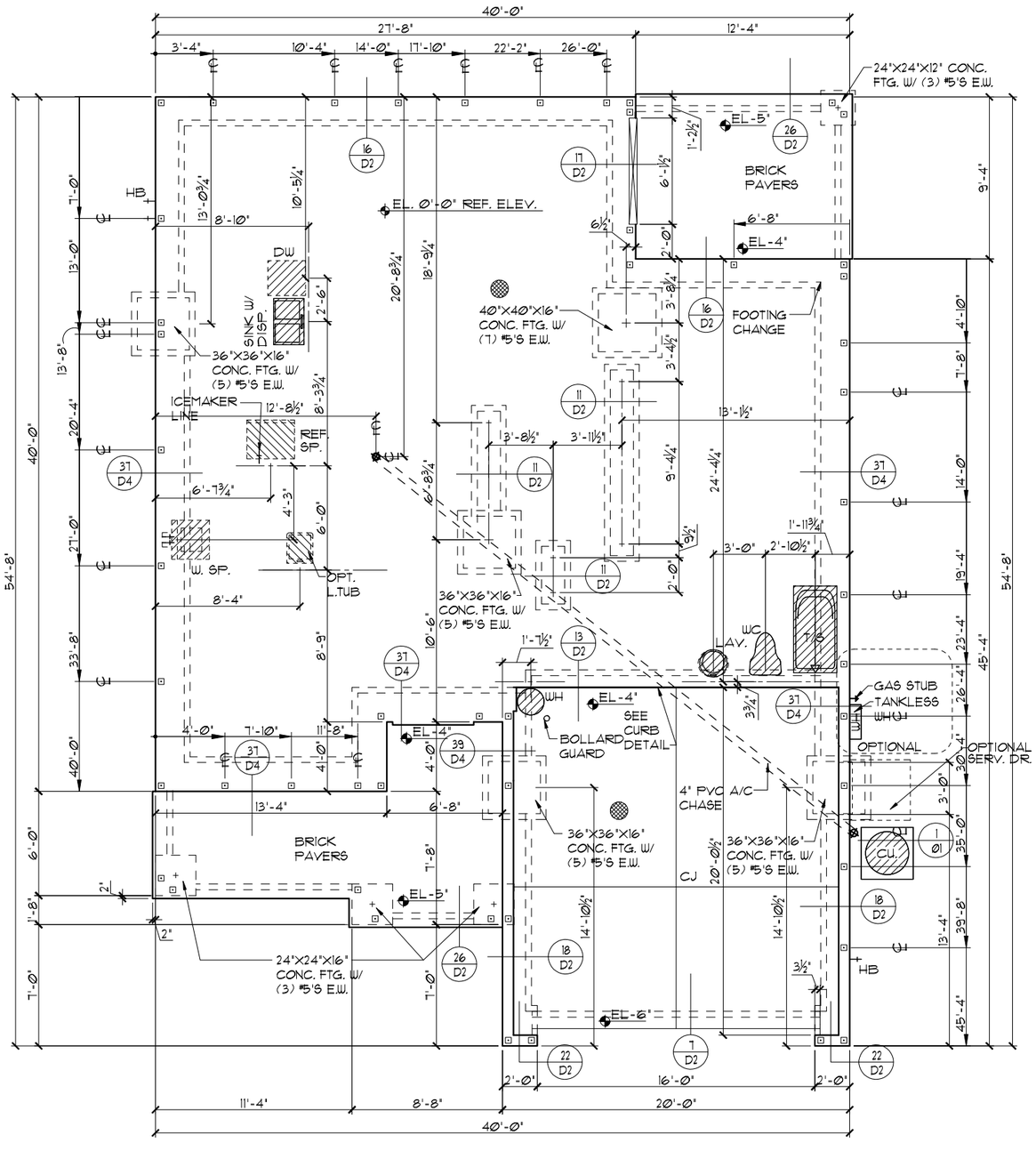

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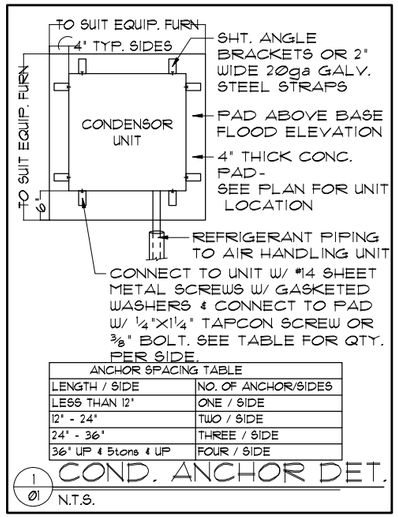
2382 THE PEMBROKE

FOUNDATION PLAN

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	01B
OF	SHEETS



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FOUNDATION NOTES

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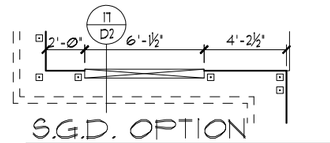

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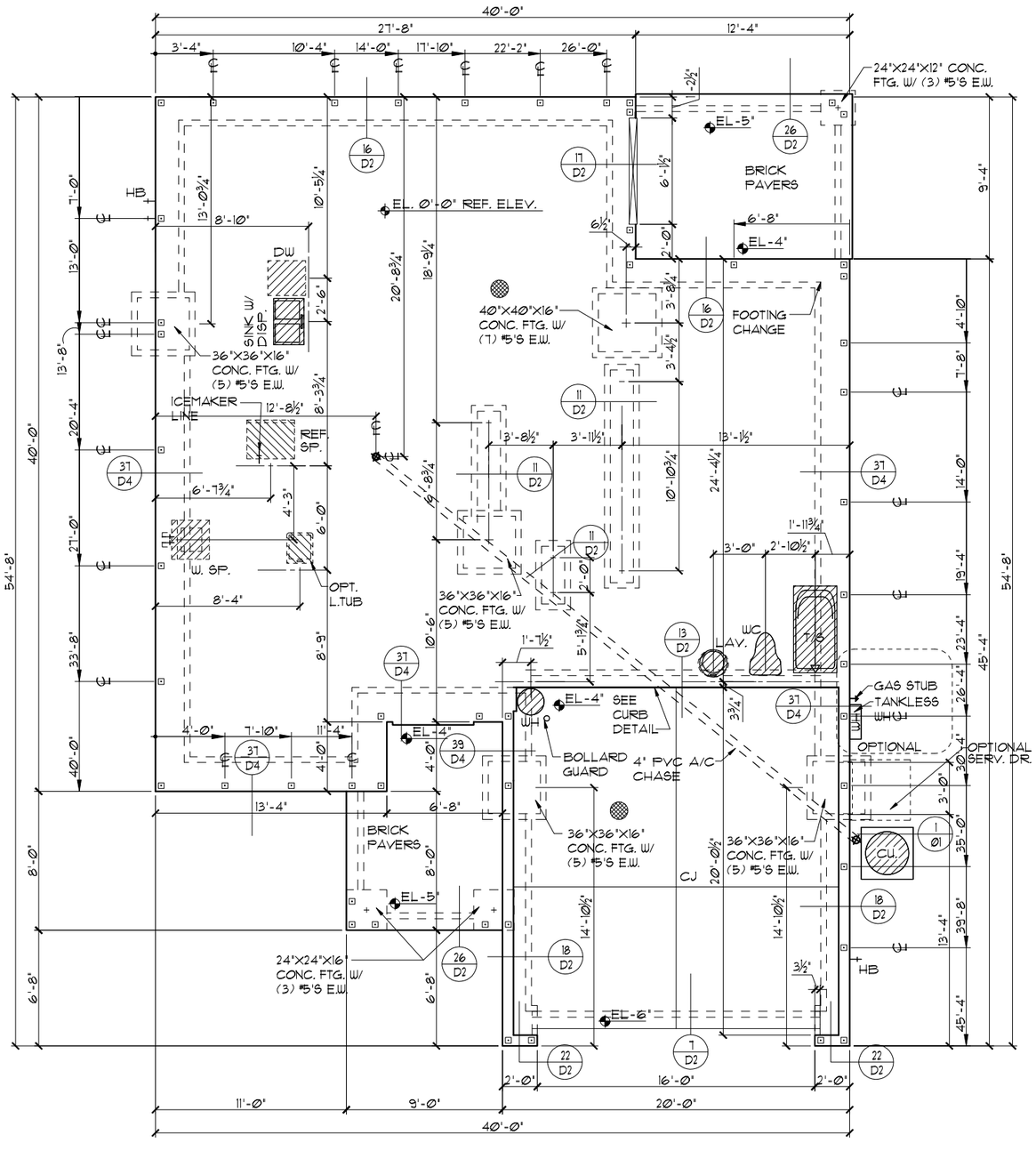

FOUNDATION PLAN "C"
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FOUNDATION PLAN

2382 THE PEMBROKE

DATE	04-6-12
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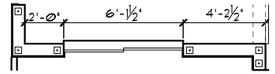
DRAWN	RDC
JOB	2382
SHEET	01C
OF	SHEETS



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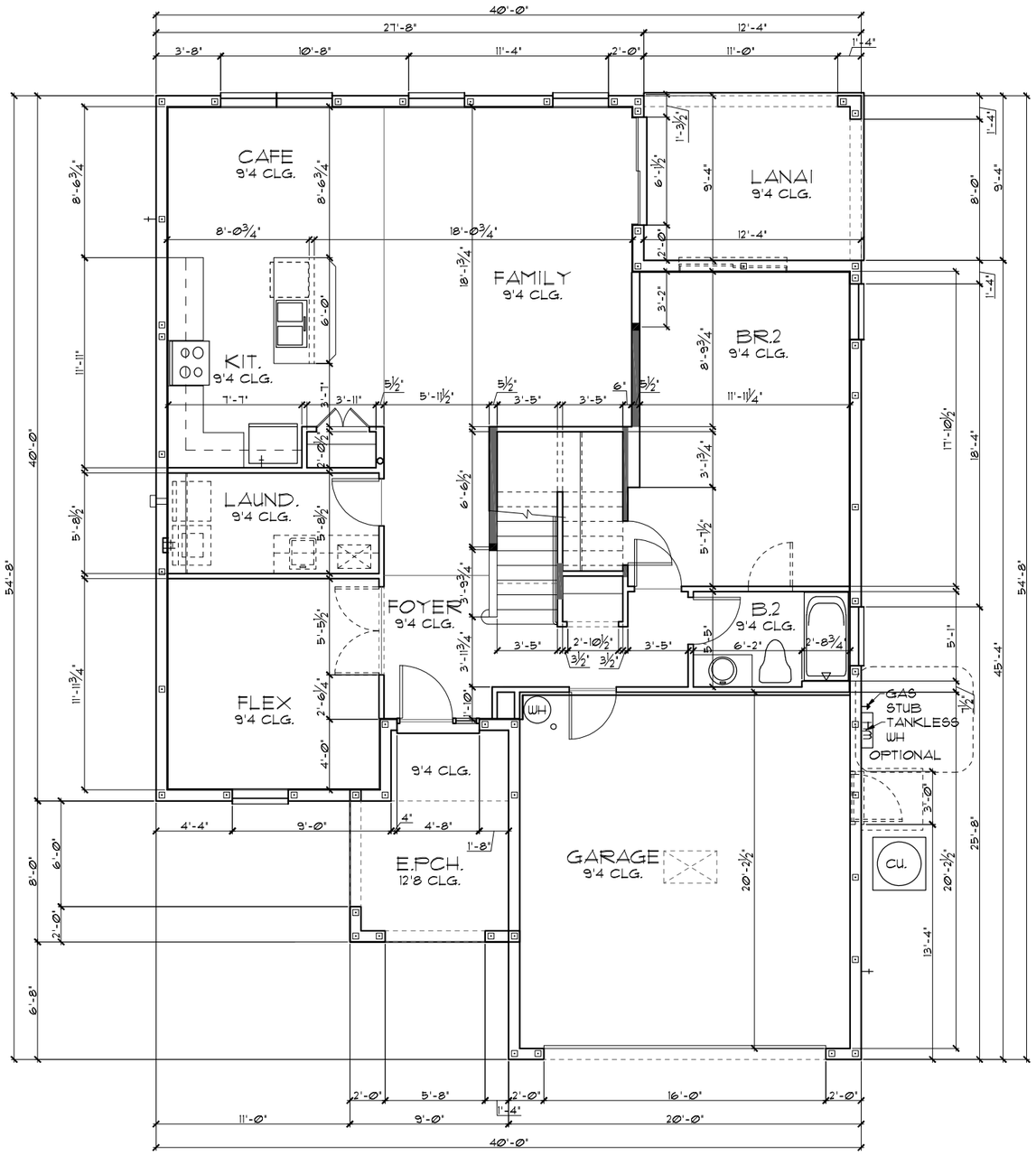

FLOOR PLAN W/ DIMENSIONS "A"

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

TABULATION	
UPPER LIVING	1,046 SF.
LOWER LIVING	1,334 SF.
TOTAL LIVING	2,380 SF.
GARAGE	418 SF.
ENTRY PORCH	99 SF.
LANAI	115 SF.
FRONT BALCONY	N/A SF.
REAR BALCONY	N/A SF.
TOTAL UNDER ROOF	3,012 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 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

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Park Square HOMES

2382 THE PEMBROKE

FLOOR PLAN W/ DIMENSIONS

DATE	04-6-12
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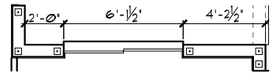

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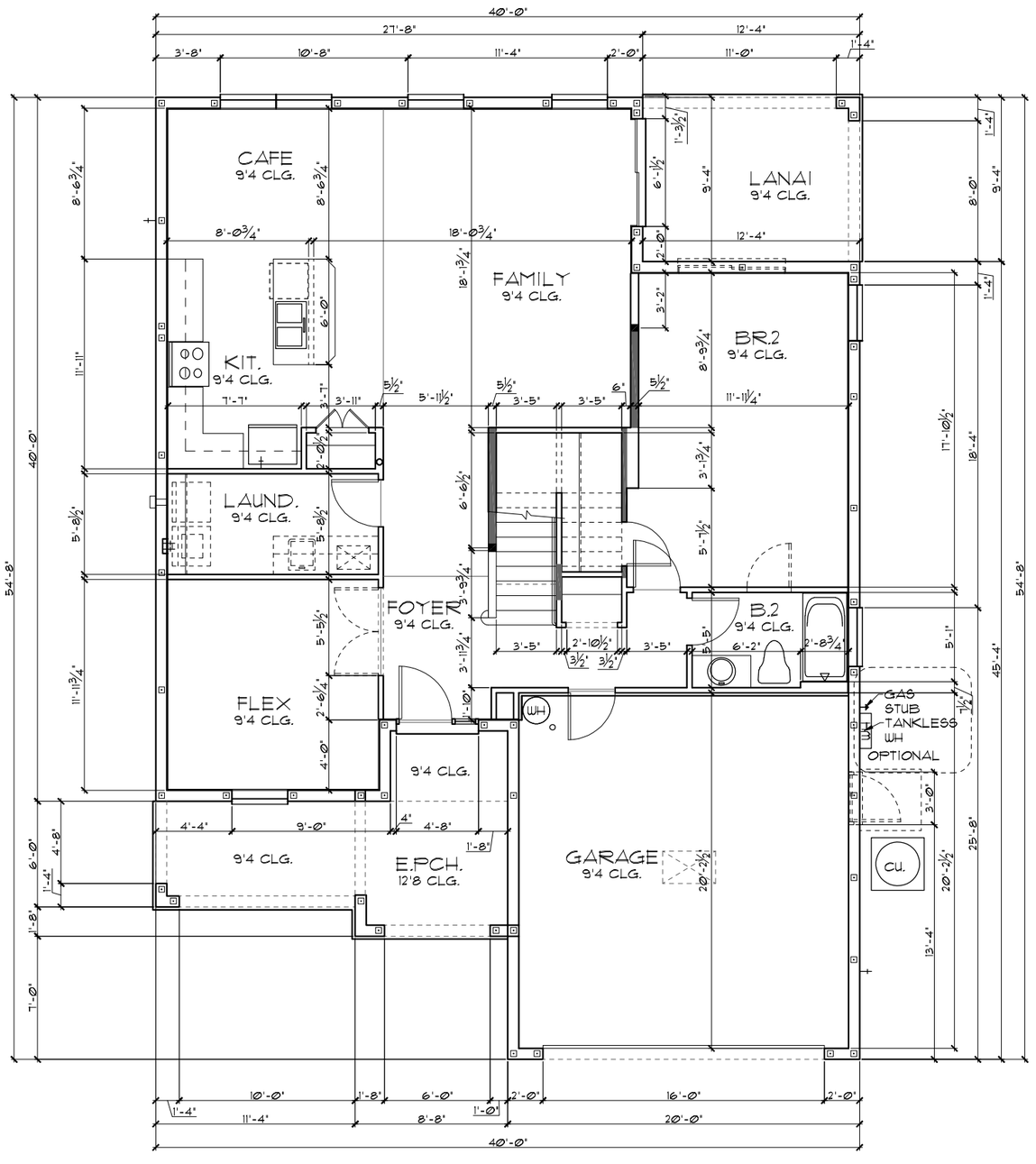

FLOOR PLAN W/ DIMENSIONS "B"

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

TABULATION	
UPPER LIVING	1,046 SF.
LOWER LIVING	1,334 SF.
TOTAL LIVING	2,380 SF.
GARAGE	418 SF.
ENTRY PORCH	161 SF.
LANAI	115 SF.
FRONT BALCONY	N/A SF.
REAR BALCONY	N/A SF.
TOTAL UNDER ROOF	3,074 SF.

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Phone: (407) 529 - 3000

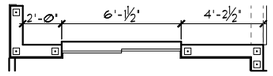
Park Square HOMES

FLOOR PLAN W/ DIMENSIONS

2382

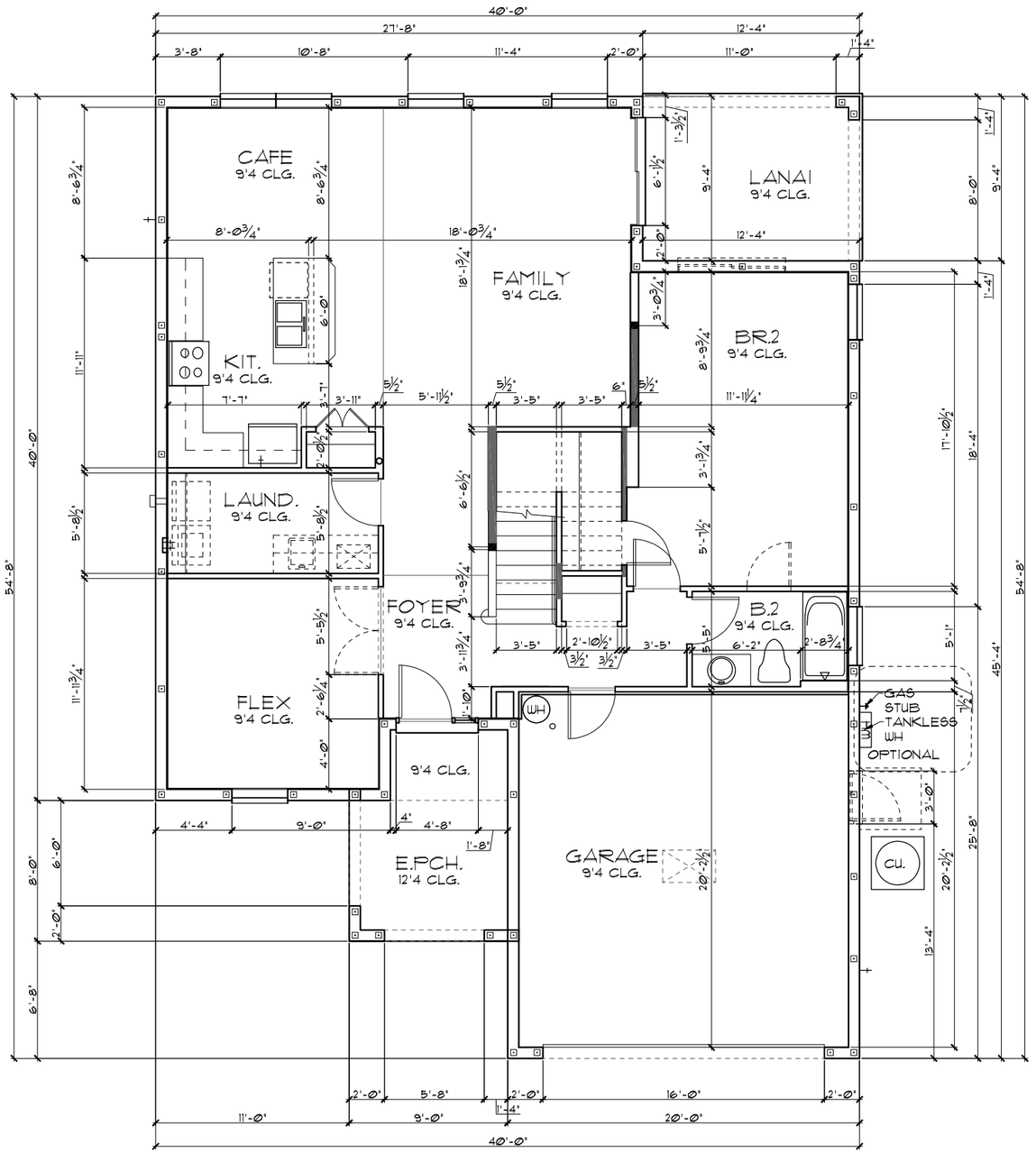
THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	02B
OF	SHEETS



S.G.D. OPTION

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



TABULATION	
UPPER LIVING	1,046 SF.
LOWER LIVING	1,334 SF.
TOTAL LIVING	2,380 SF.
GARAGE	418 SF.
ENTRY PORCH	99 SF.
LANAI	115 SF.
FRONT BALCONY	N/A SF.
REAR BALCONY	N/A SF.
TOTAL UNDER ROOF	3,012 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 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

FLOOR PLAN W/ DIMENSIONS "C"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

REVISIONS	BY
05-16-19	JF

THOMPSON ENGINEERING GROUP, INC
4901 Vineland Road Suite A9 Orlando, FL 32811
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Park Square HOMES

2382 THE PEMBROKE

FLOOR PLAN W/ DIMENSIONS

DATE	04-6-12
SCALE	AS NOTED
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JOB	2382
SHEET	02C
OF	SHEETS

LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (PSF)
TRIBUTARY LOADED AREA (SQ. FT.)
FOR ANY STRUCTURAL MEMBER

ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE +/-.18, INCLUDED CLASSIFICATION INTERNAL IN NOTE *6 PRESSURE COEFFICIENT:
6. 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 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. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ **9'-4" A.F.F.**

   DENOTES CONC. BLOCK WALL HGT. @ **12'-8" A.F.F.**
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: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.

    ALL INTER. SECOND FLOOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.

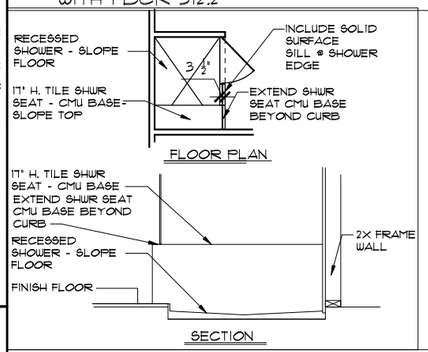
NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THEN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

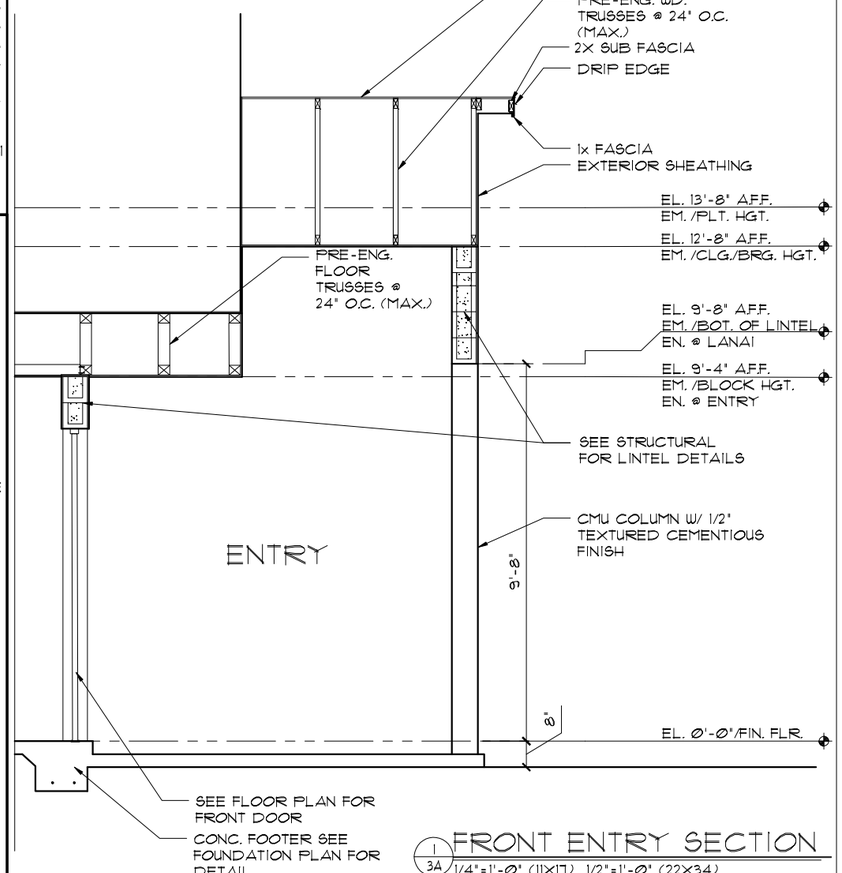
NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44"MIN. A.F.F.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24"ABOVE FINISH FLOOR AND GREATER THAN 72" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

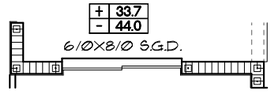
EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32" X NET CLEAR OPNG. WIDTH 27 1/2" = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20". MIN. NET CLESR OPNG. FOR GRADE-FLOOR EMERGENCY SCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT
SH25	63" H. X 37" W. WDW SIZE	





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



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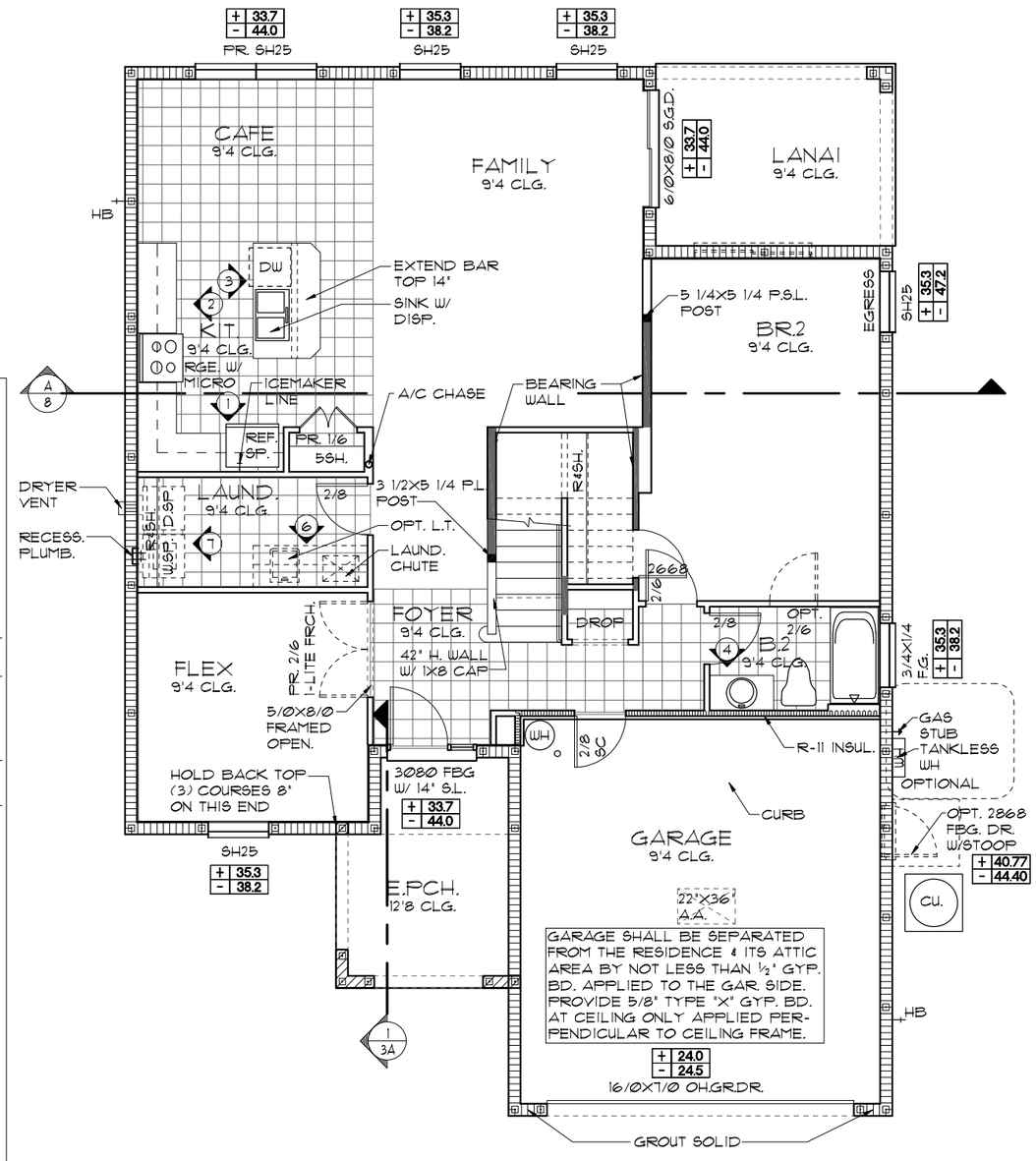

FLOOR PLAN W/ NOTES "A"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

NOTE: SEE FINAL COLOR SHEET FOR FLOORING INFO

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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05-16-19	JF

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FLOOR PLAN W/ NOTES

2382 THE PEMBROKE

DATE	04-6-12
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DRAWN	RDC
JOB	2382
SHEET	03A
OF	SHEETS

LOAD INFORMATION

PER 7TH EDITION, 2020 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (PSF)
TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER

ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

WIND INFORMATION

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3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE +/-.18, INCLUDED IN NOTE #6
   CLASSIFICATION INTERNAL PRESSURE COEFFICIENT:
6. COMPONENT / CLADDING SEE PLAN
   DESIGN WIND PRESSURE:
   +XXX / -XXX DESIGN WIND PRESSURE IAW FLA RESIDENTIAL CODE, SECTION R301
   NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

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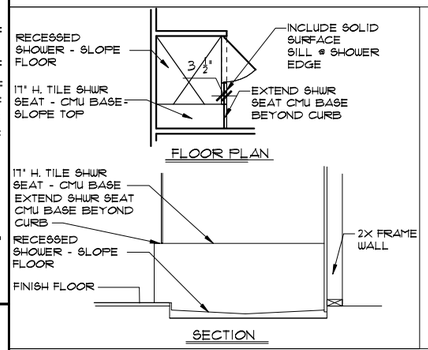
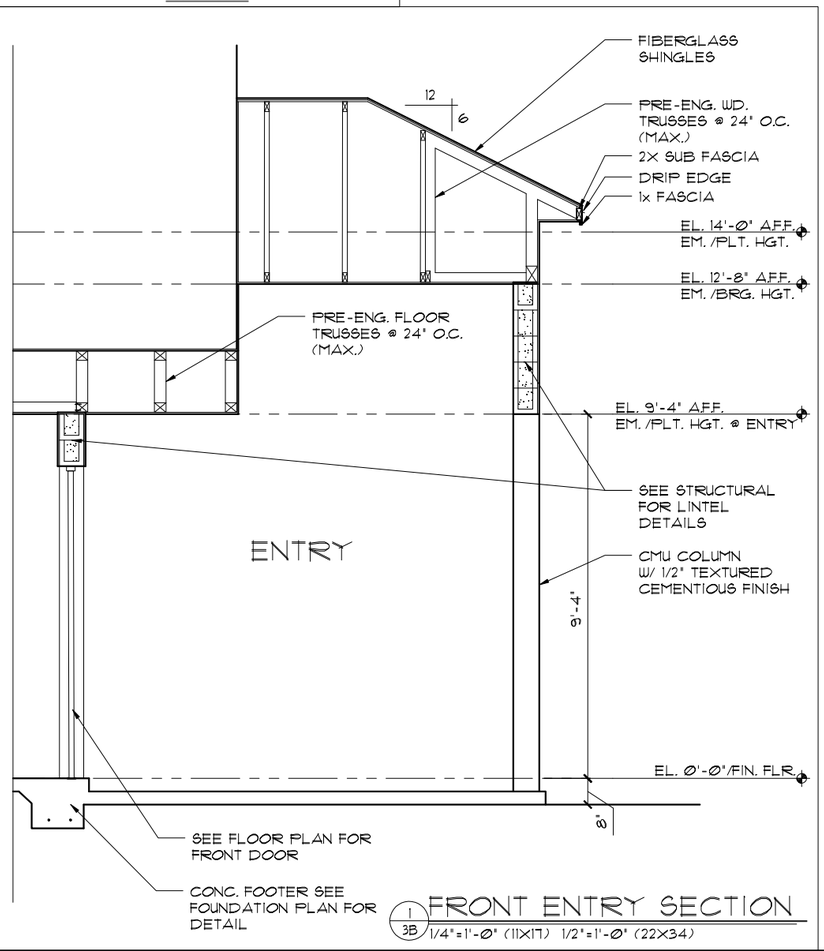
NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOORS NO LESS 1 3/8" IAW R302.5.1

EGRESS WINDOW SCHEDULE

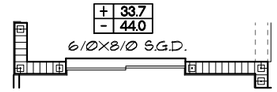
SH25	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.7 SQFT

NOTE:
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44"MIN. A.F.F.- R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24"ABOVE FINISHED GRADE MUST COMPLY WITH FBCR 312.2





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



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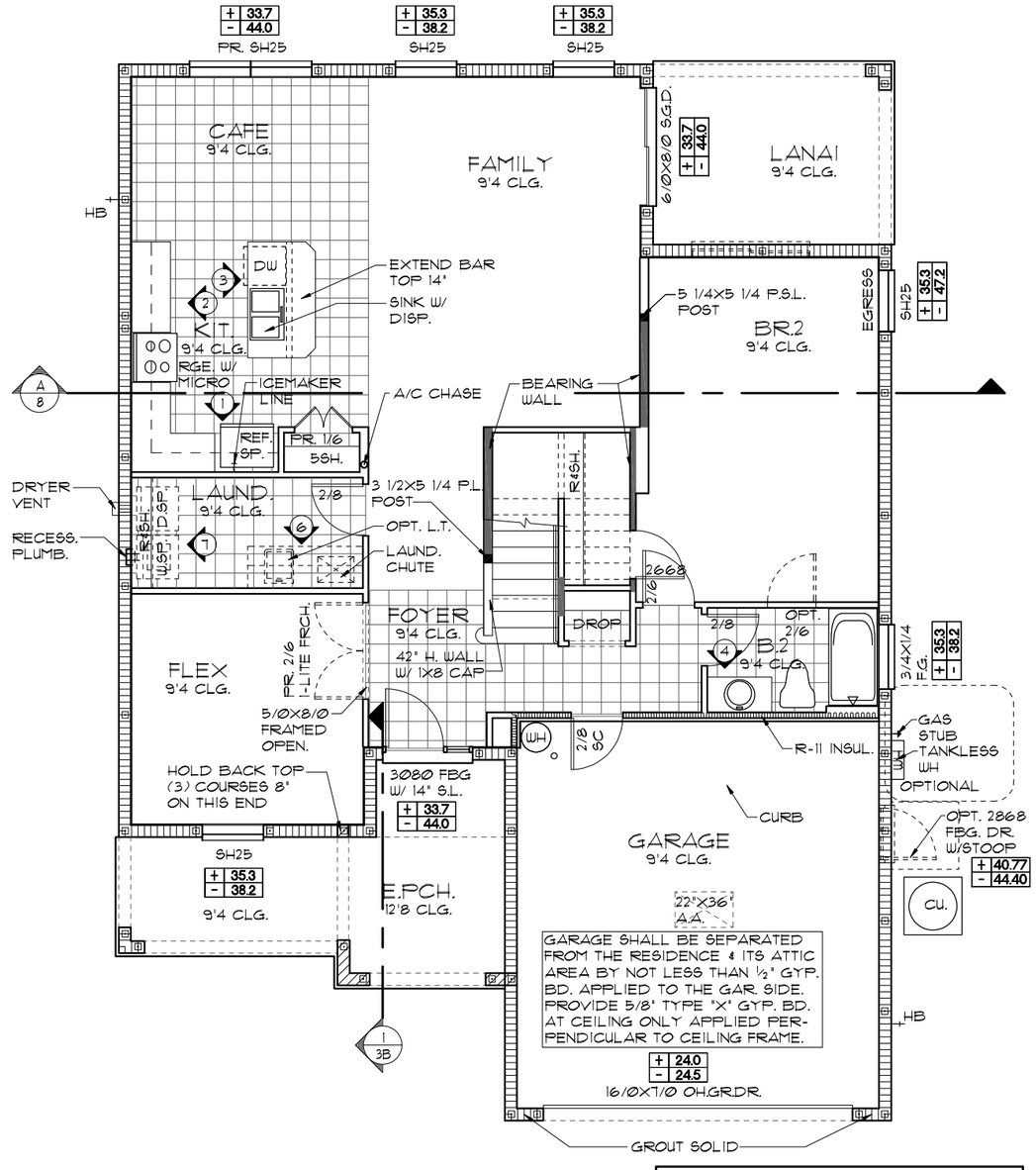

FLOOR PLAN W/ NOTES "B"
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FLOOR PLAN W/ NOTES

2382 THE PEMBROKE

DATE	04-6-12
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6. COMPONENT / CLADDING DESIGN WIND PRESSURE: SEE PLAN
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NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOORS NO LESS 1 3/8" 1AW R302.5.1

EGRESS WINDOW SCHEDULE

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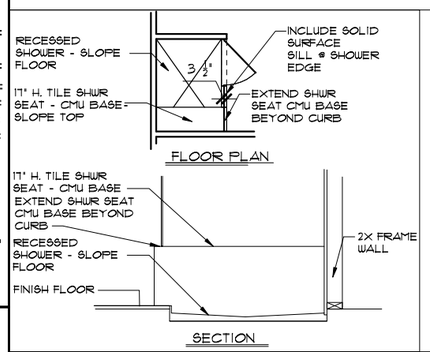

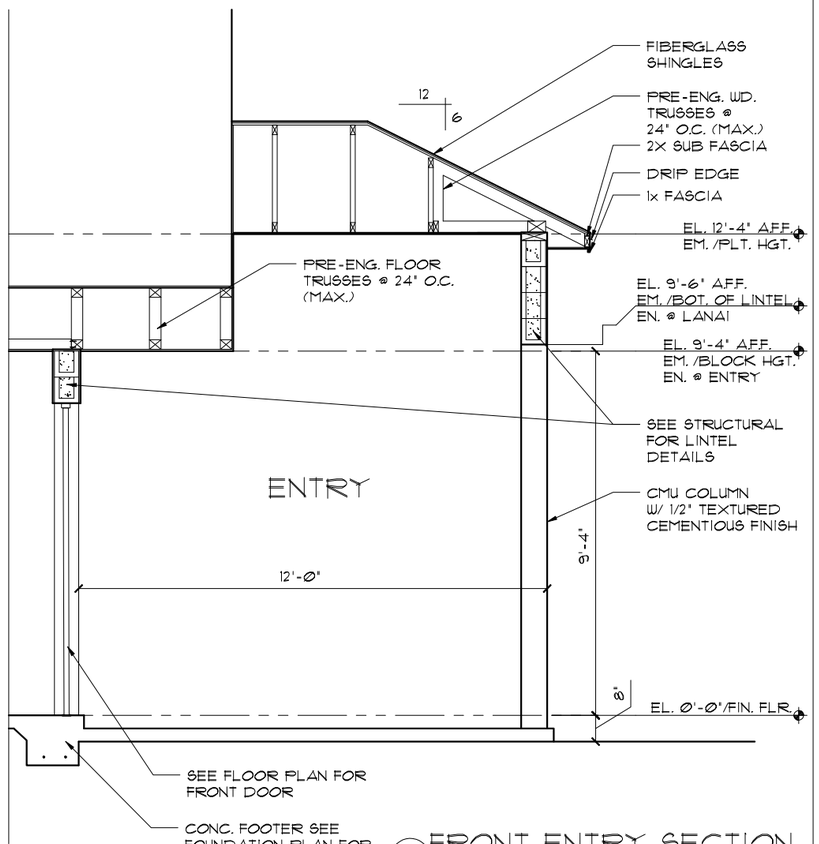

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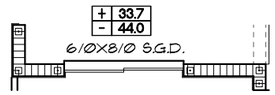

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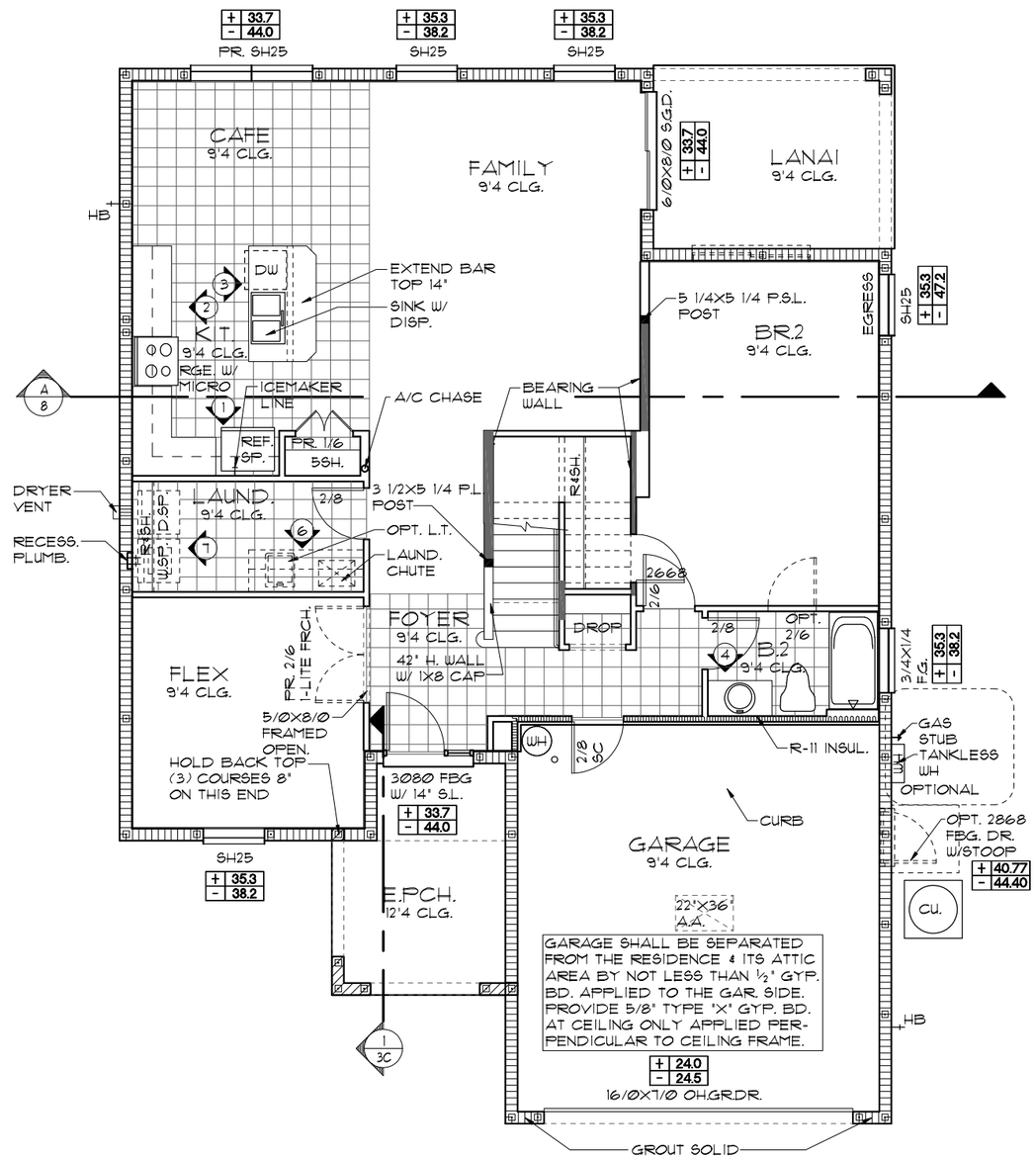

FLOOR PLAN W/ NOTES "C"
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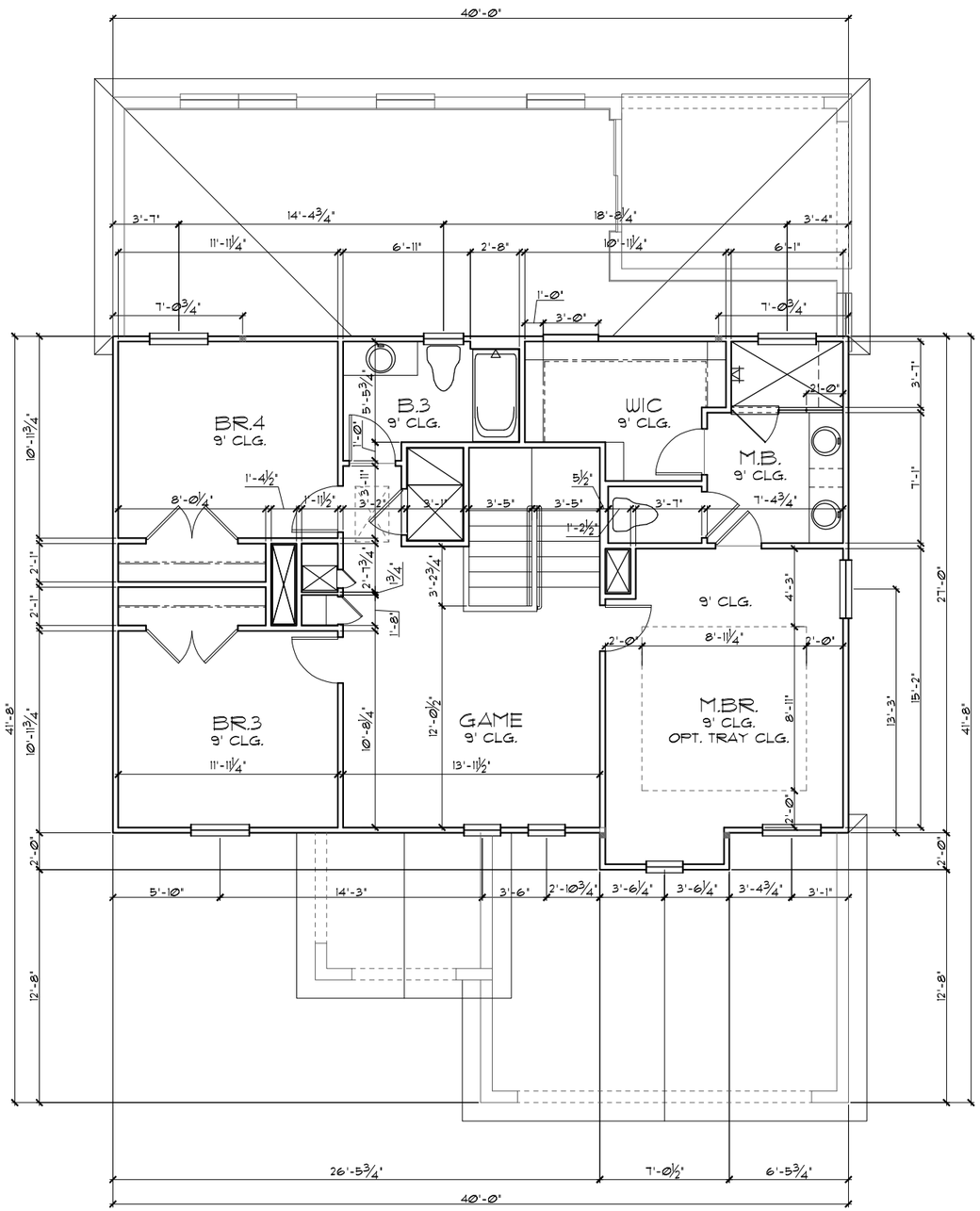

UPPER FLOOR PLAN W/ DIMENSIONS "A"

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

GENERAL NOTES

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5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

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UPPER FLOOR PLAN W/ DIMENSIONS

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DATE	04-6-12
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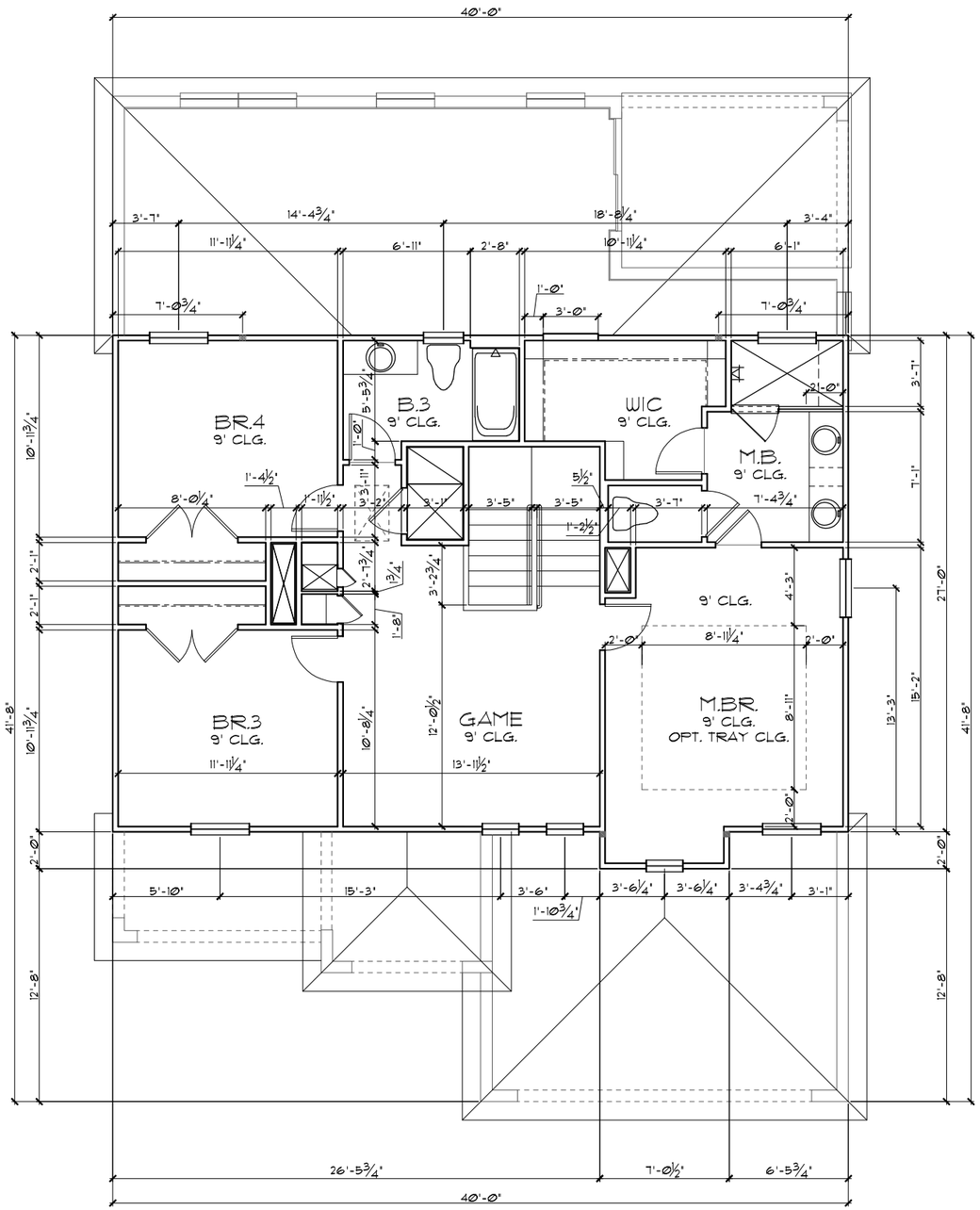
JOB	2382
SHEET	04A
OF	SHEETS



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3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

UPPER FLOOR PLAN W/ DIMENSIONS "B"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000 COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

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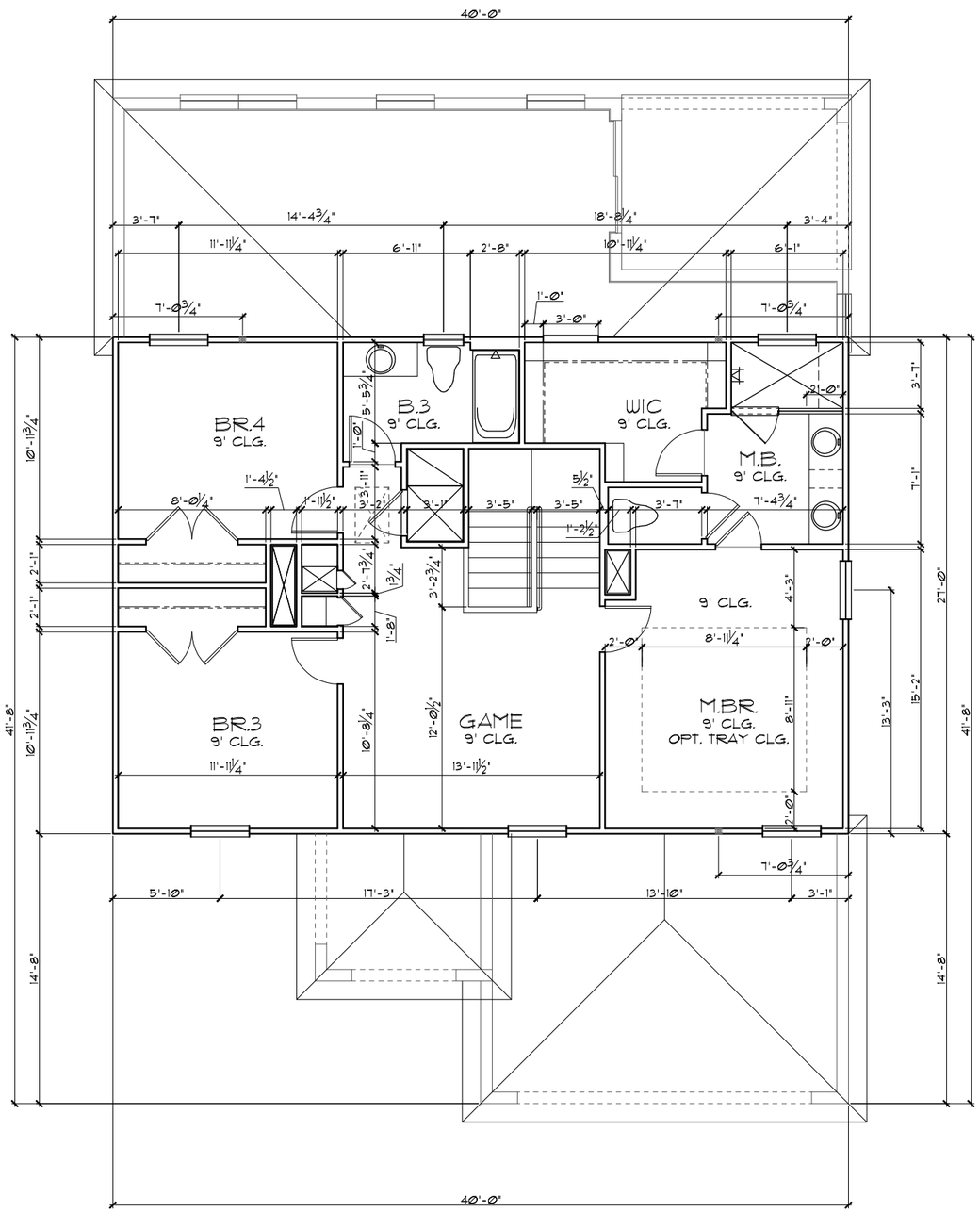
Phone: (407) 529 - 3000

UPPER FLOOR PLAN W/ DIMENSIONS

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	04B
OF	SHEETS



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 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

UPPER FLOOR PLAN W/ DIMENSIONS "C"

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

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UPPER FLOOR PLAN W/ DIMENSIONS

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	04C
OF	SHEETS

LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (PSF)
TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER

ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE +/-.18, INCLUDED IN NOTE #6
   CLASSIFICATION INTERNAL PRESSURE COEFFICIENT:
6. COMPONENT / CLADDING SEE PLAN
   DESIGN WIND PRESSURE:

+	XXX
-	XXX

DESIGN WIND PRESSURE IAW FLA 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 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. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ **9'-4" A.F.F.**

   DENOTES CONC. BLOCK WALL HGT. @ **12'-8" A.F.F.**
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: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.

    ALL INTER. SECOND FLOOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.

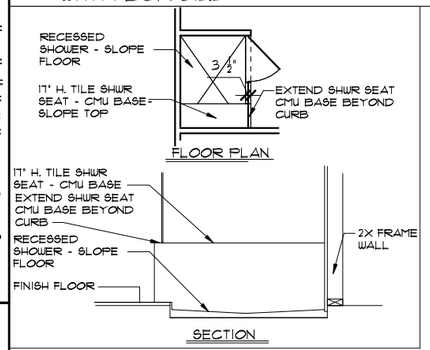
NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THEN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

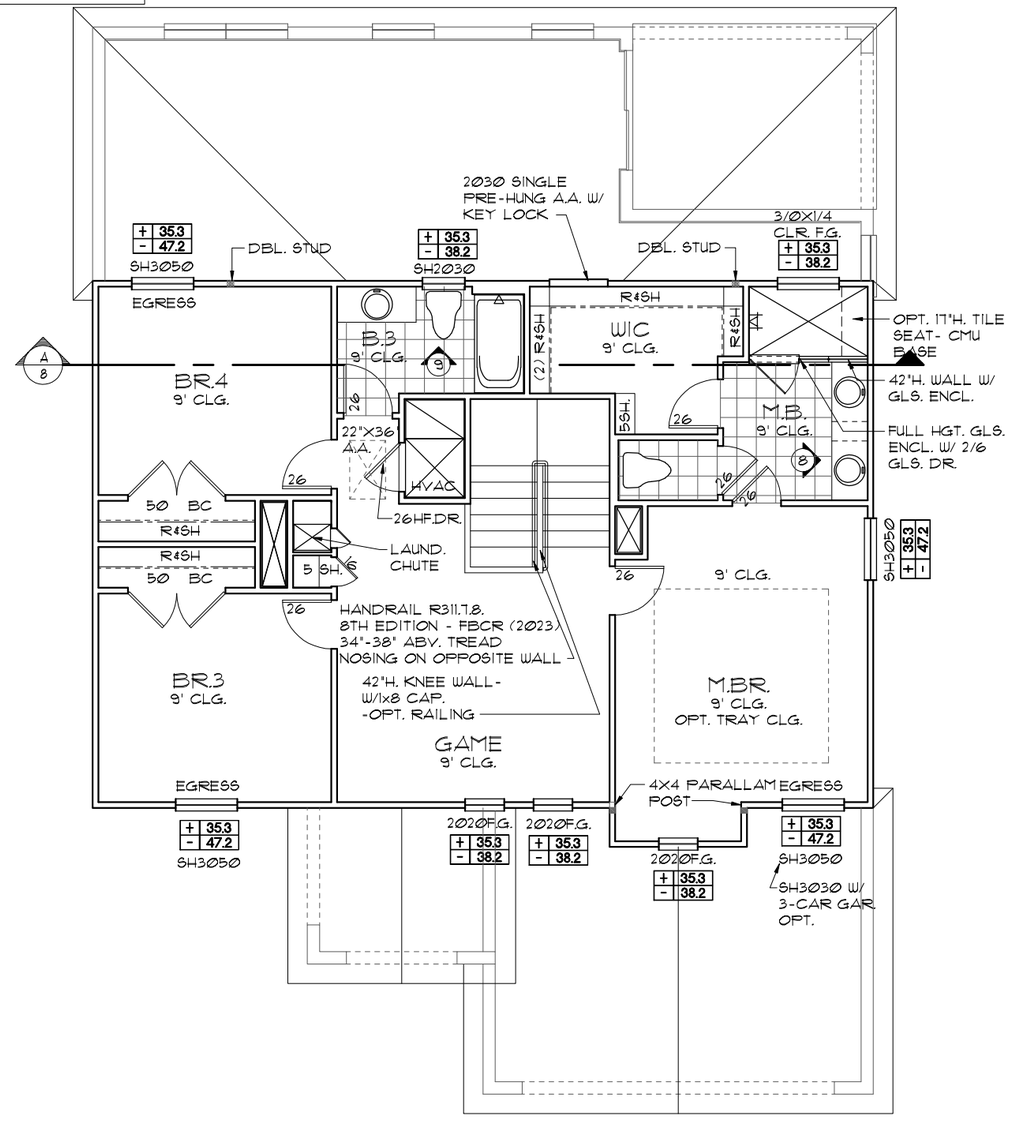
NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44"MIN. A.F.F.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24"ABOVE FINISH FLOOR AND GREATER THAN 72" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32" X NET CLEAR OPNG. WIDTH 27 1/2" = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20". MIN. NET CLESR OPNG. FOR GRADE-FLOOR EMERGENCY SCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT
SH25	63" H. X 37" W. WDW SIZE	





UPPER FLOOR W/ NOTES "A"

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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE: SEE FINAL COLOR SHEET FOR FLOORING INFO

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME

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UPPER FLOOR PLAN W/ NOTES

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	05A
OF	SHEETS

LOAD INFORMATION

PER 7TH EDITION, 2020 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (PSF)
TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER

ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

WIND INFORMATION

PER 7TH EDITION, 2020 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE CLASSIFICATION INTERNAL PRESSURE COEFFICIENT: +/-.18, INCLUDED IN NOTE #6
6. COMPONENT / CLADDING DESIGN WIND PRESSURE: SEE PLAN

+ 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

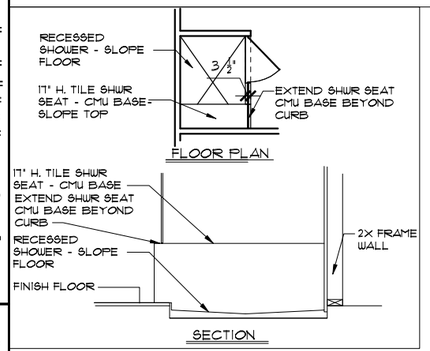
1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ N/A
   DENOTES CONC. BLOCK WALL HGT. @ N/A
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: M 1301.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.
    ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

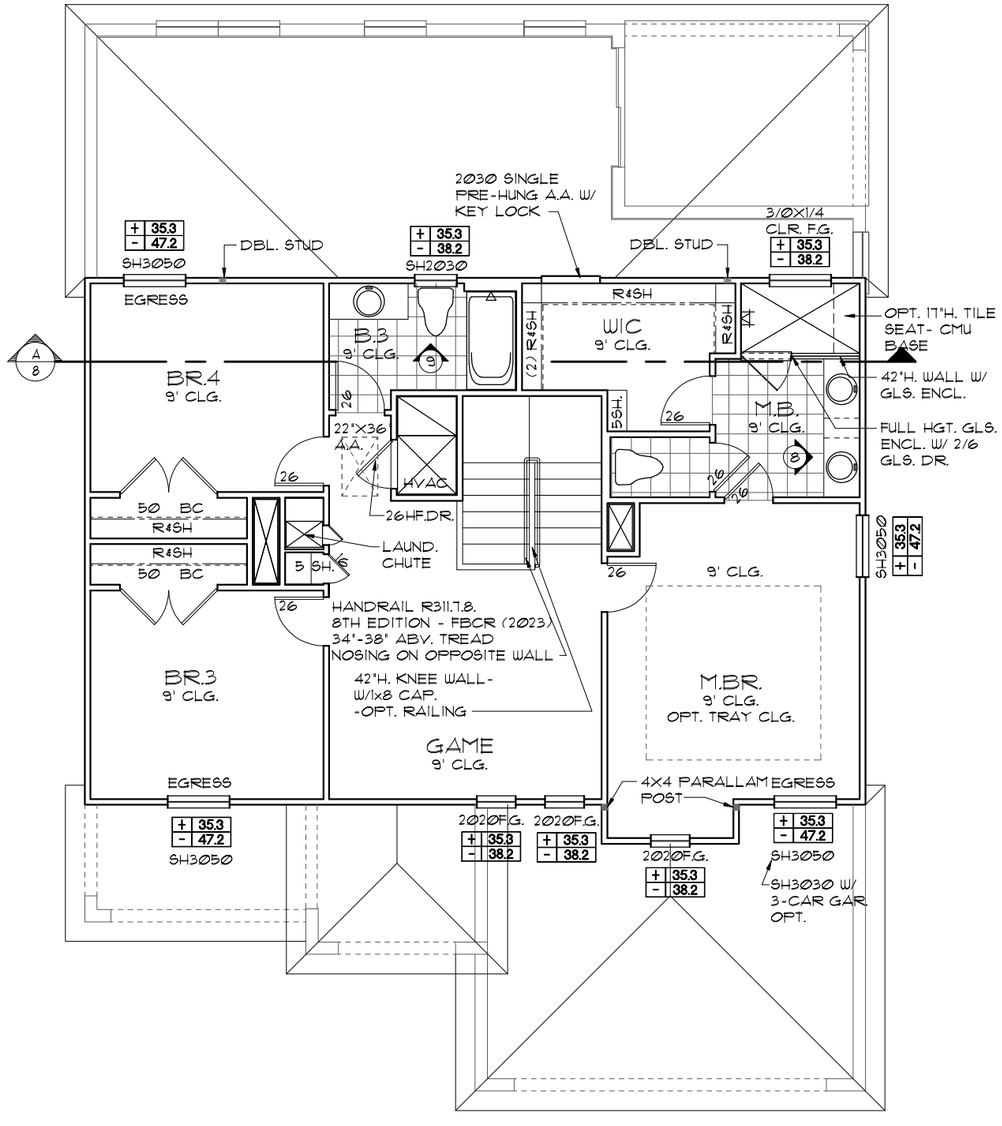
NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOORS NO LESS 1 3/8" IAW R302.5.1

EGRESS WINDOW SCHEDULE

SH25	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.7 SQFT

NOTE:
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44"MIN. A.F.F.- R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24"ABOVE FINISHED GRADE MUST COMPLY WITH FBCR 312.2





UPPER FLOOR PLAN W/ NOTES "B"

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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE: SEE FINAL COLOR SHEET FOR FLOORING INFO

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05-16-19	JF

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UPPER FLOOR PLAN W/ NOTES

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	05B
OF	SHEETS

LOAD INFORMATION

PER 7TH EDITION, 2020 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (PSF)
TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER

ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

WIND INFORMATION

PER 7TH EDITION, 2020 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE CLASSIFICATION INTERNAL PRESSURE COEFFICIENT: ---- +/-.18, INCLUDED IN NOTE #6
6. COMPONENT / CLADDING DESIGN WIND PRESSURE: ----- SEE PLAN

+ 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.
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3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
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5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ N/A

   DENOTES CONC. BLOCK WALL HGT. @ N/A
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: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.

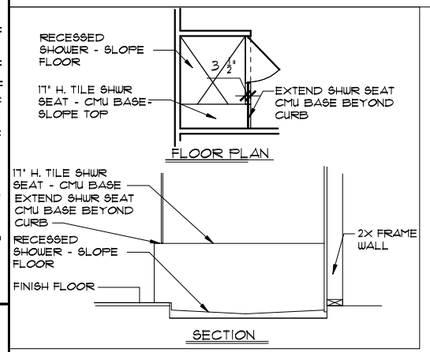
    ALL INTER. SECOND FLOOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.

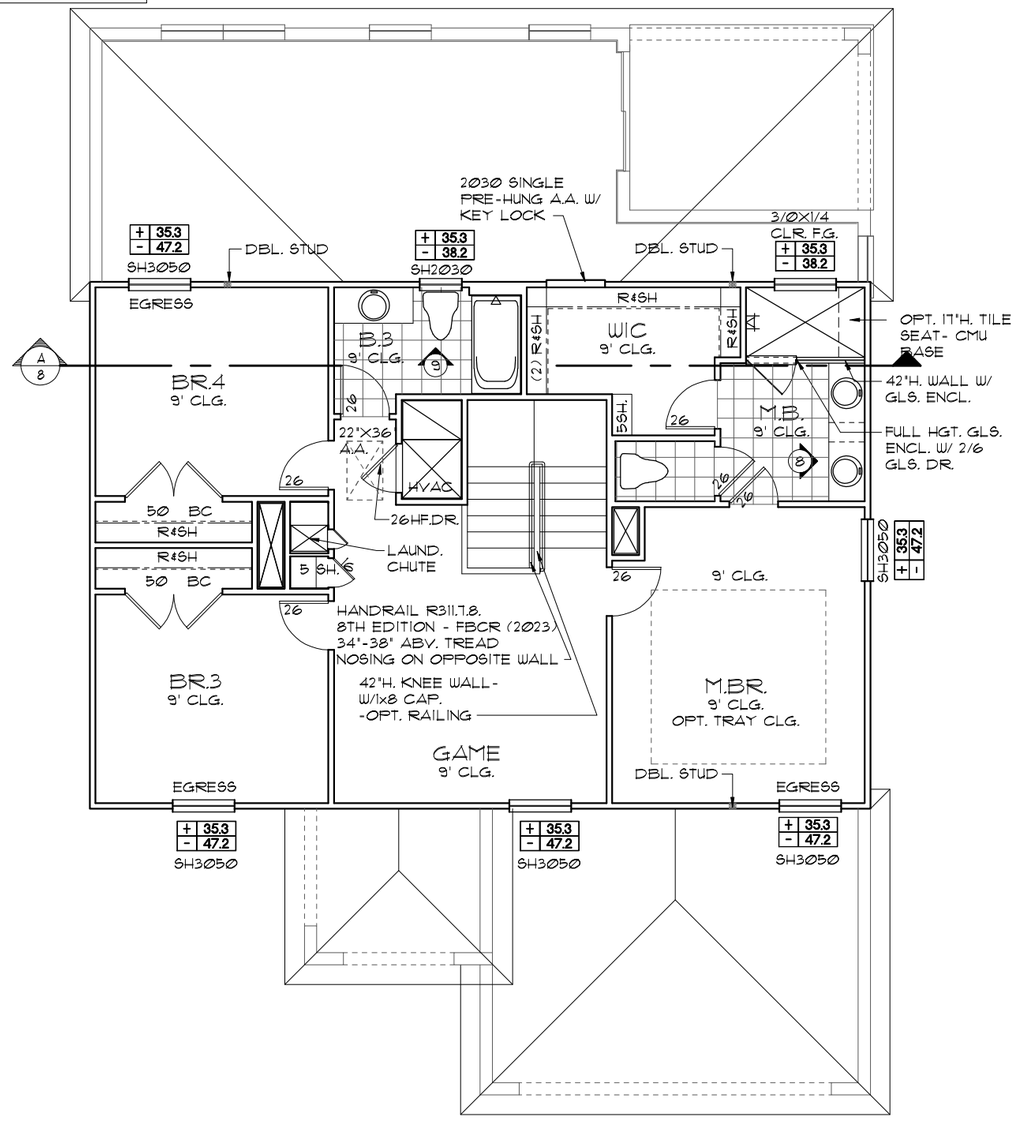
NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOORS NO LESS 1 3/8" IAW R302.5.1

EGRESS WINDOW SCHEDULE

SH25	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.7 SQFT

NOTE:
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44"MIN. A.F.F.- R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24"ABOVE FINISHED GRADE MUST COMPLY WITH FBCR 312.2





NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE: SEE FINAL COLOR SHEET FOR FLOORING INFO

UPPER FLOOR PLAN W/ NOTES "C"

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

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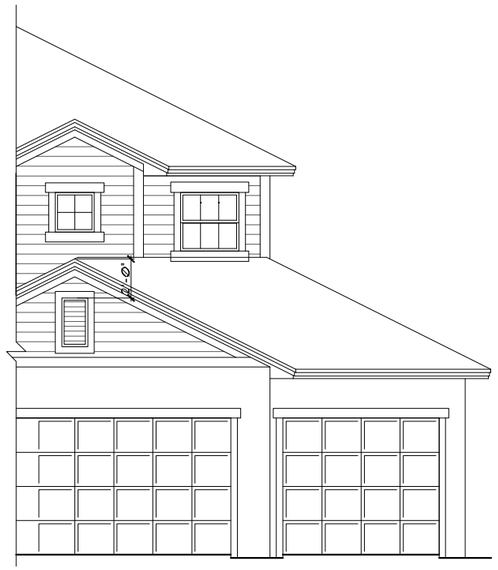
UPPER FLOOR PLAN W/ NOTES

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	05C
OF	SHEETS



3-CAR GAR. OPTION

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

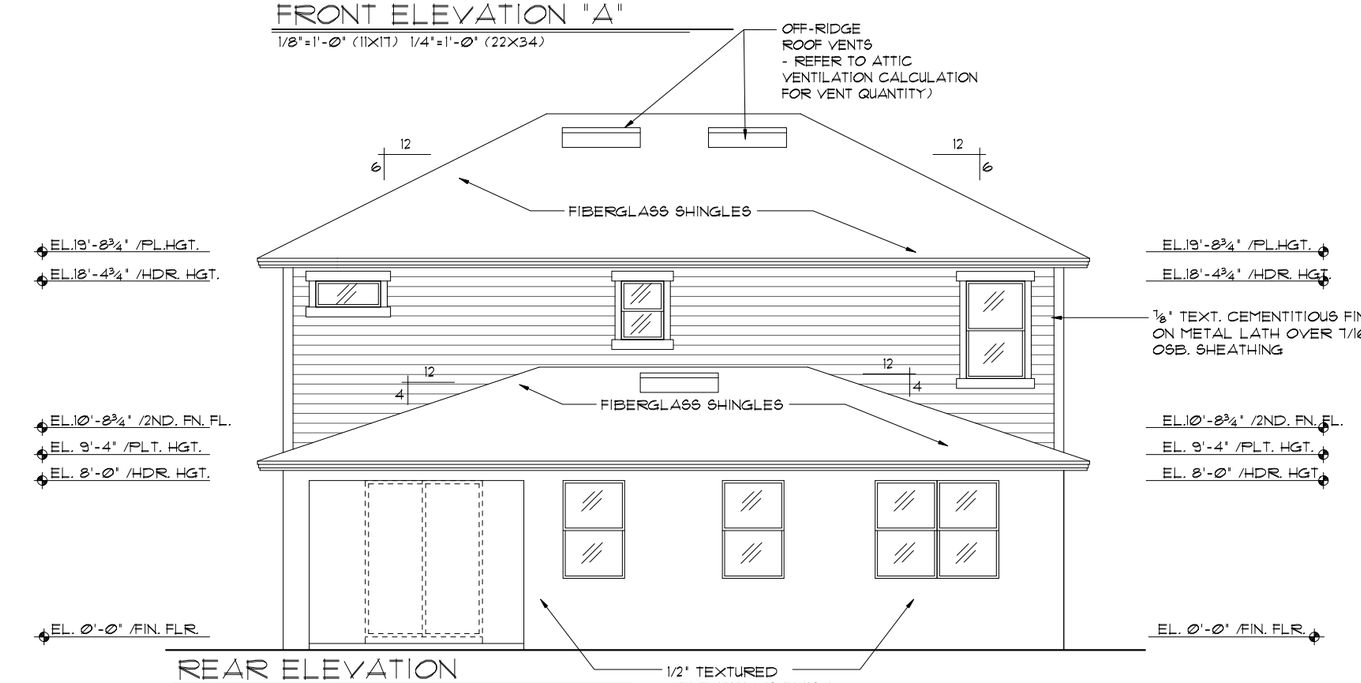
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBCR. 2023 - ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIAL. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1-1/2 INCH 11 GAGE NAILS HAVING A 7/16 INCH HEAD, OR 1 1/2 INCH LONG 16 GAGE STAPLES SPACED IN ACCORDANCE WITH ASTM C1063 OR C1787 OR AS OTHERWISE APPROVED.
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.7.2 OF THE 8TH EDITION, FBCR. 2023
3. WEEP SCREED TO BE INSTALLED IAW R703.7.2.1 OF THE 8TH EDITION, FBCR. 2023- MINIMUM NO 26 GALVANIZED SHEET GAGE CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3-1/2 INCHES SHALL BE PROVIDED AT OR BELOW THE PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS. THE WEATHER RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.7.3 OF THE 8TH EDITION, FBCR. 2023- INSTALED OVER WOOD BASED SHEATHING SHALL INCLUDE A WATER RESISTIVE VAPOR PERMEABLE BARRIER EQUIVALENT TO 2 LAYERS OF GRADE D PAPER
5. "ZIP SYSTEMS" WALL SHEATHING MAT BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.
6. STUCCO APPLICATION MUST BE IAW R703.7.4 OF THE 8TH EDITION, FBCR. 2023 OR EXCEPTION : APPLICATION INSTALLED IN ACCORDANCE WITH ASTM C 926
7. UNDERLAYMENT REQUIREMENTS MUST BE IAW R905.1.1 OF THE 8TH EDITION, FBCR 2023 -

R905.1.1Underlayment.
Underlayment for roof slopes 2:12 and greater shall conform to the applicable standards listed in this chapter. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757, OR ASTM D8257 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated. Underlayment for roof slopes 2:12 and greater shall be applied and attached in accordance with Section R905.1.1.1, R905.1.1.2 as applicable.

FRONT ELEVATION "A"

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



REAR ELEVATION

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

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Park Square HOMES

EXTERIOR ELEVATION
FRONT AND REAR

2382

THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	06A
OF	SHEETS

3-CAR GAR. OPTION

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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.7.1 OF THE 7TH EDITION, FBCR. 2020 - ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIAL. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1-1/2 INCH 11 GAGE NAILS HAVING A 7/16 INCH HEAD, OR 1 1/2 INCH LONG 16 GAGE STAPLES SPACED IN ACCORDANCE WITH ASTM C1063 OR C1787 OR AS OTHERWISE APPROVED.
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.7.2 OF THE 7TH EDITION, FBCR. 2020
3. WEEP SCREED TO BE INSTALLED IAW R703.7.2.1 OF THE 7TH EDITION, FBCR. 2020- MINIMUM NO 26 GALVANIZED SHEET GAGE CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3-1/2 INCHES SHALL BE PROVIDED AT OR BELOW THE PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS. THE WEATHER RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.
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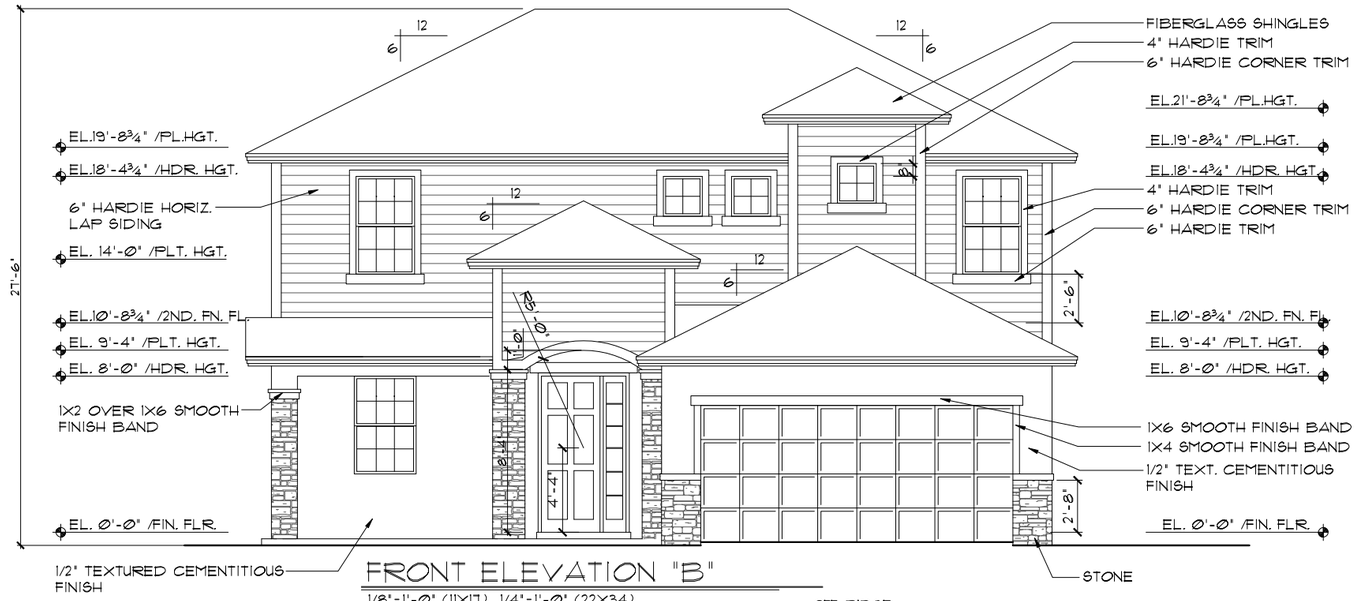
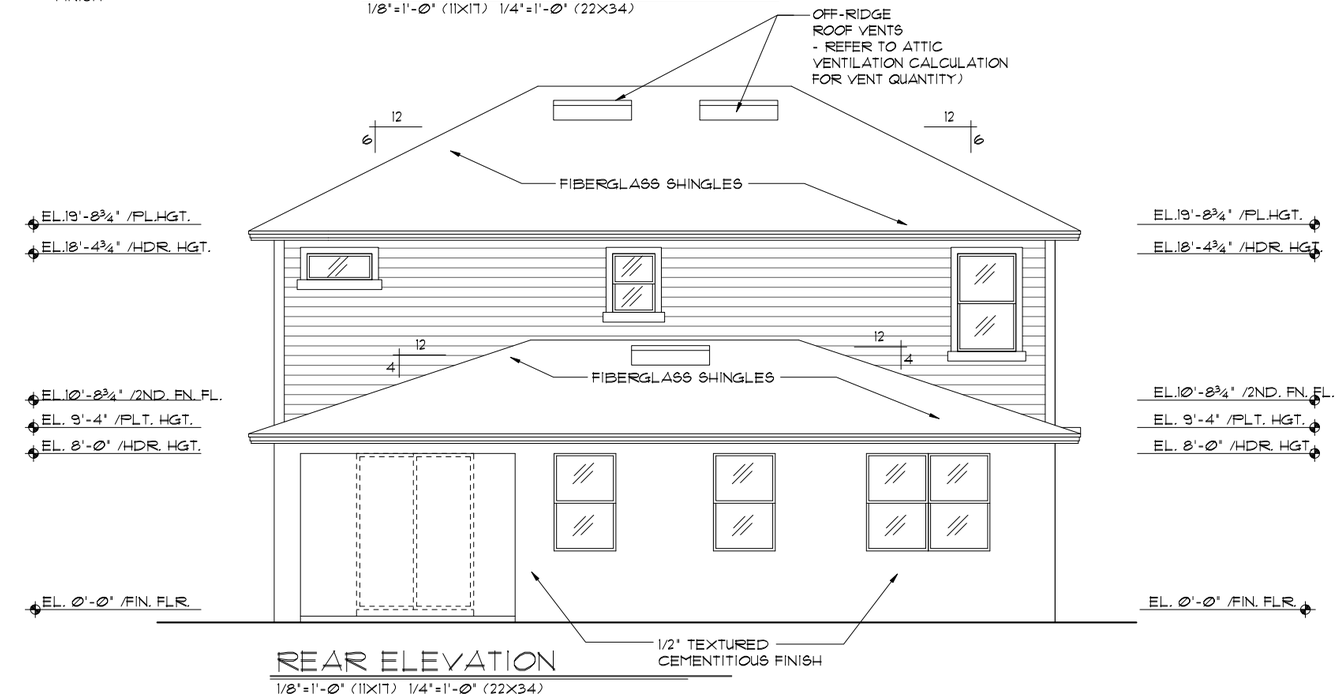


FRONT ELEVATION "B"

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



REAR ELEVATION

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

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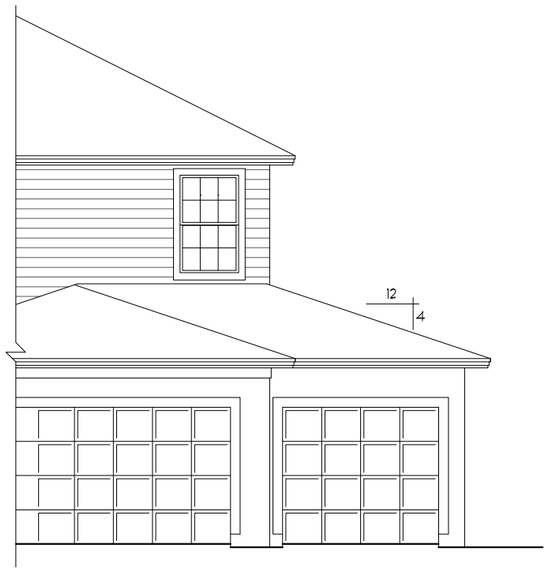
Park Square HOMES

EXTERIOR ELEVATION
FRONT AND REAR

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	06B
OF	SHEETS



3-CAR GAR. OPTION

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

FRONT ELEVATION "C"

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

EXTERIOR FINISH NOTES

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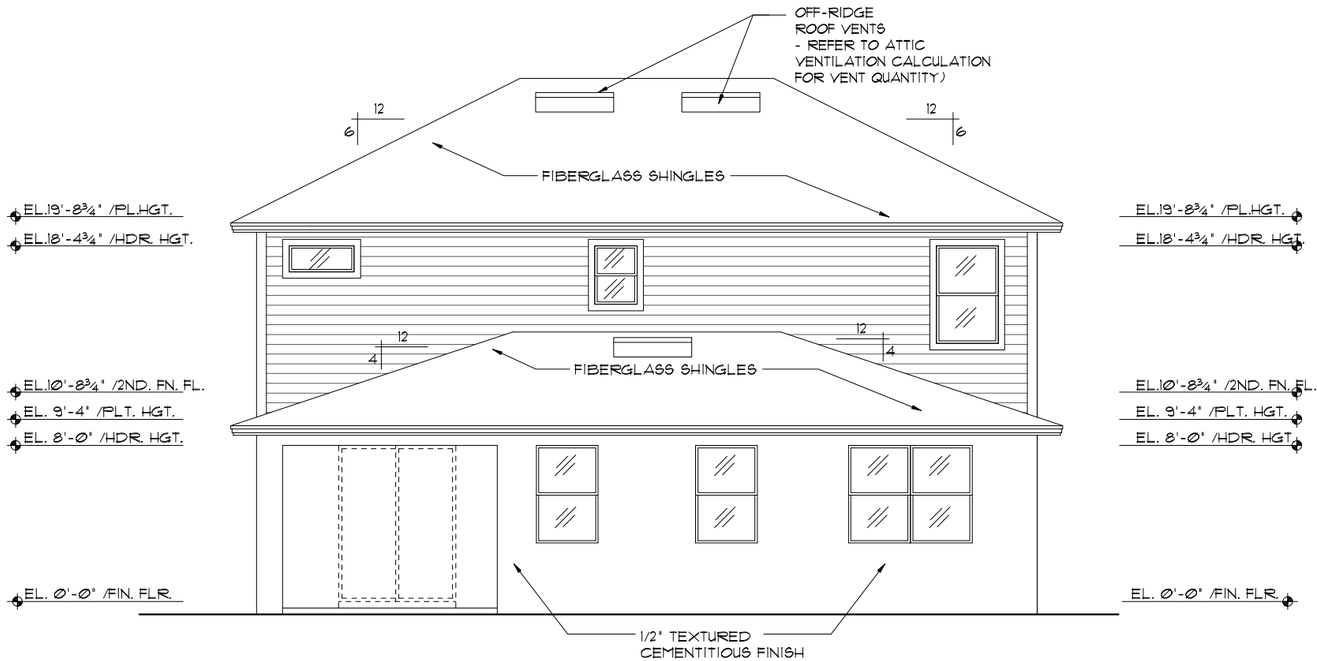

REAR ELEVATION

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

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LOT: 0000, COMMUNITY NAME

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05-16-19	JF

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Park Square HOMES

EXTERIOR ELEVATION FRONT AND REAR

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	06C
OF	SHEETS

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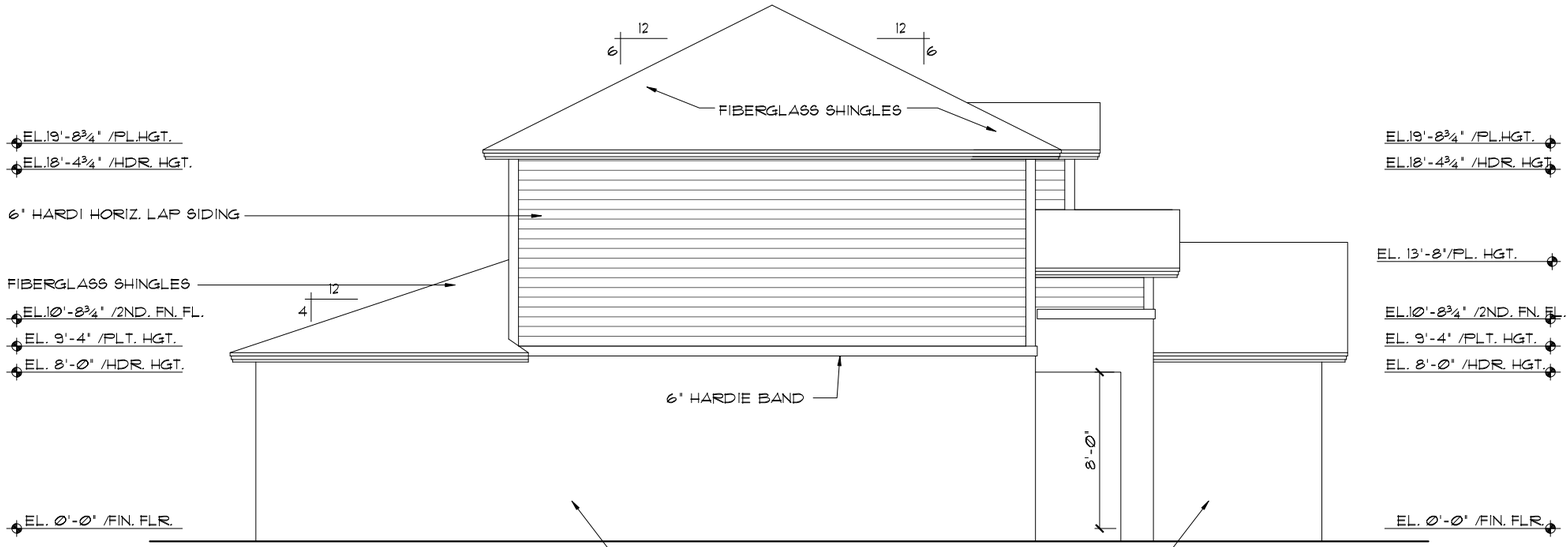
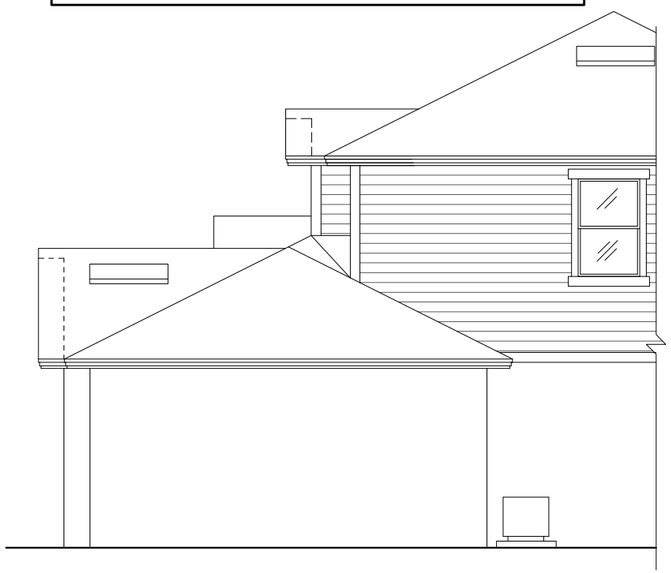


LEFT ELEVATION "A"

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



3-CAR GARAGE OPTION

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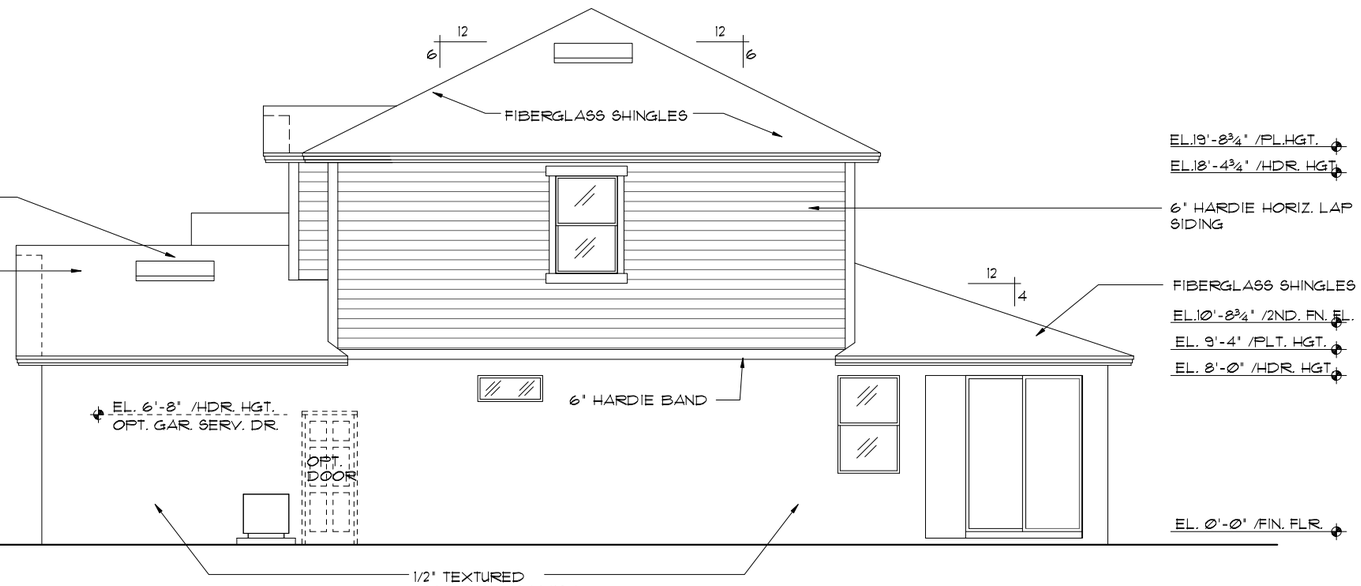

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EXTERIOR ELEVATION LEFT AND RIGHT

2382

THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	07A
OF	SHEETS

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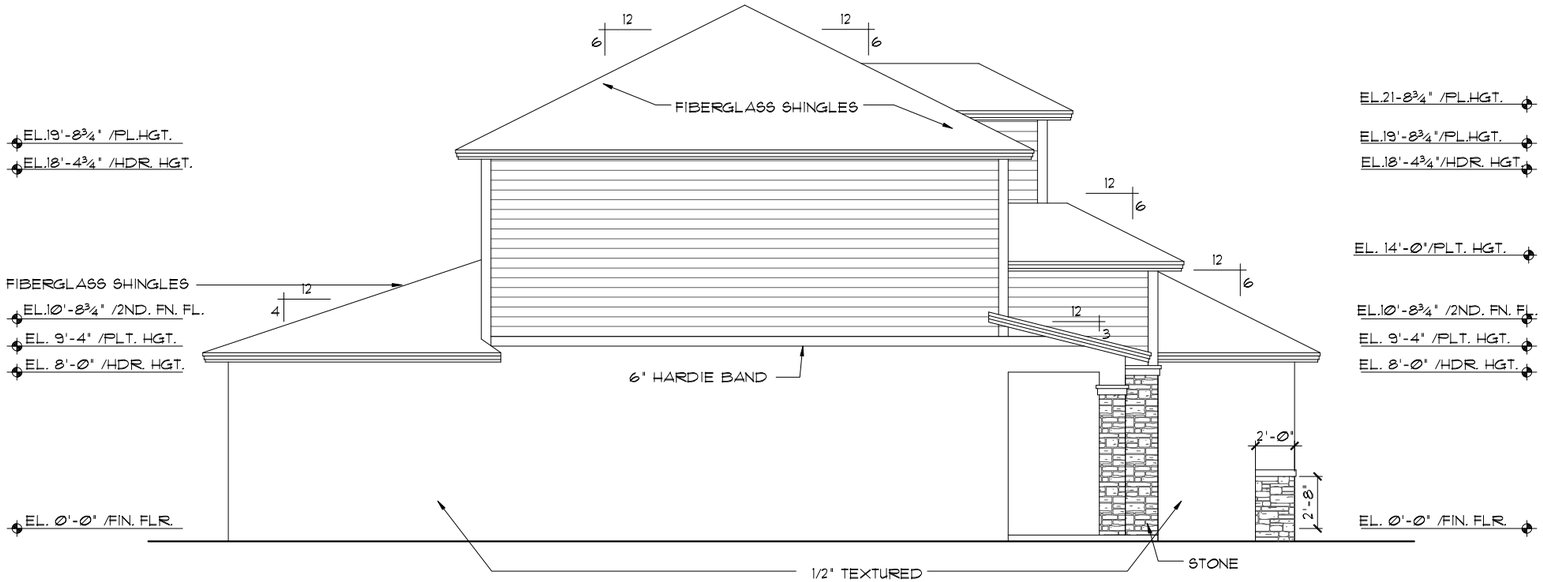

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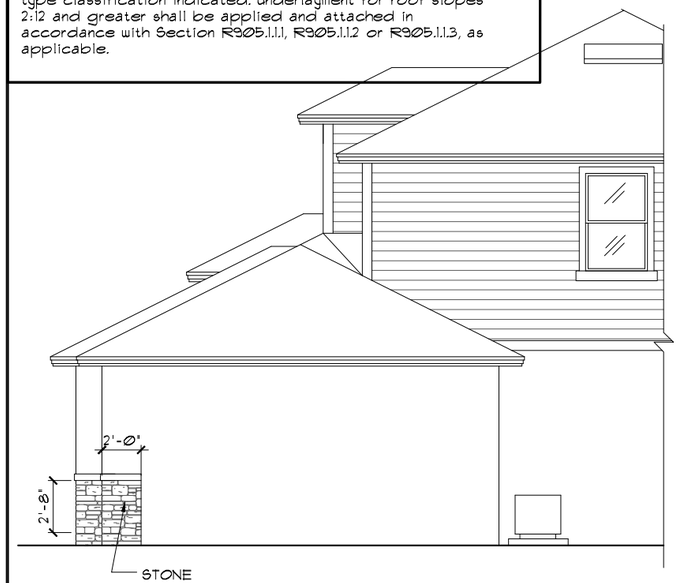

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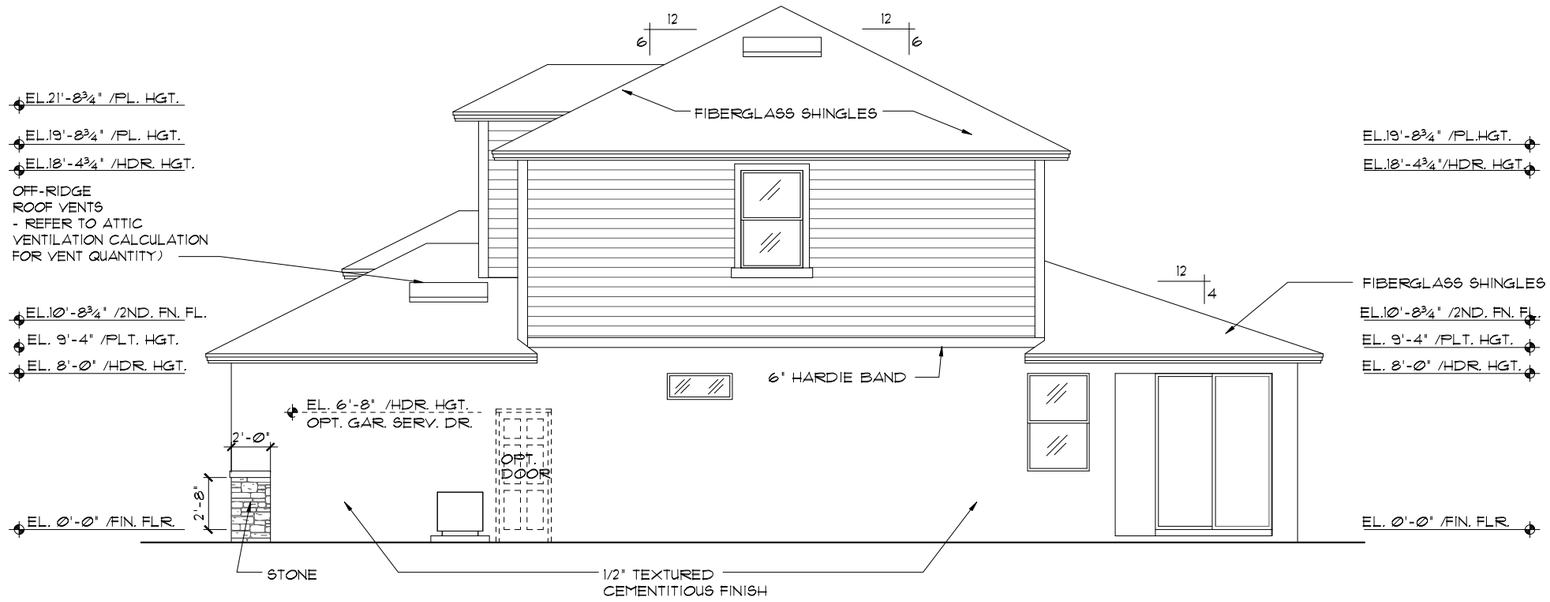

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EXTERIOR ELEVATION LEFT AND RIGHT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	07B
OF	SHEETS

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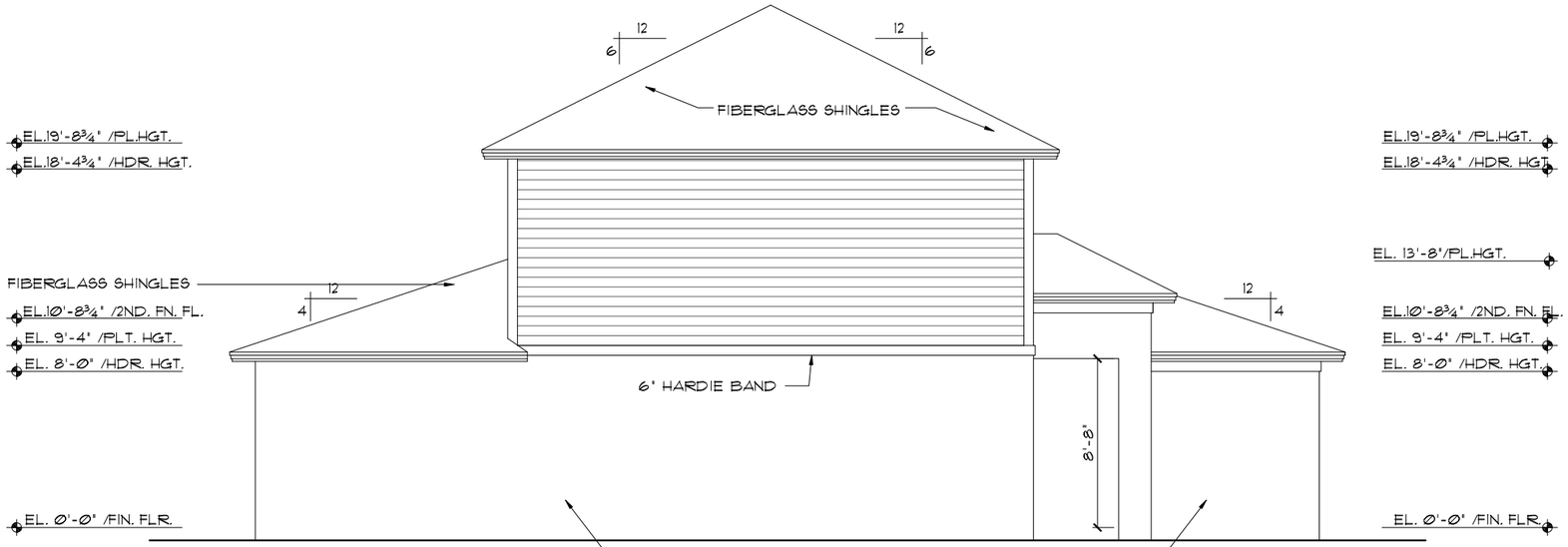

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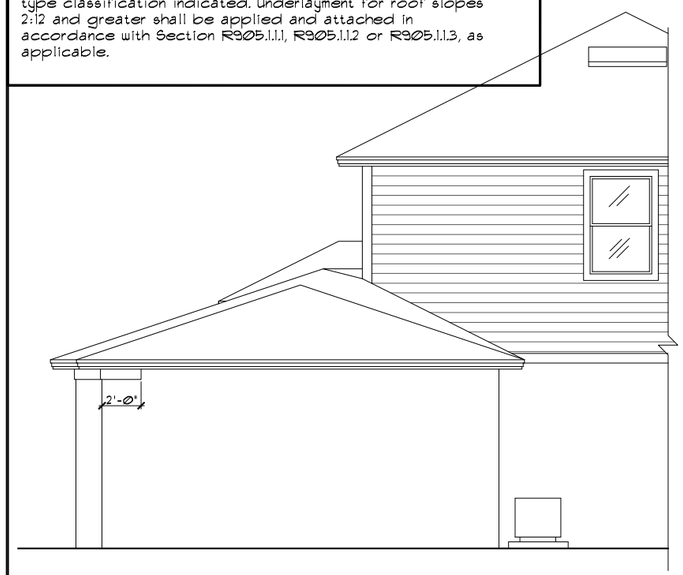

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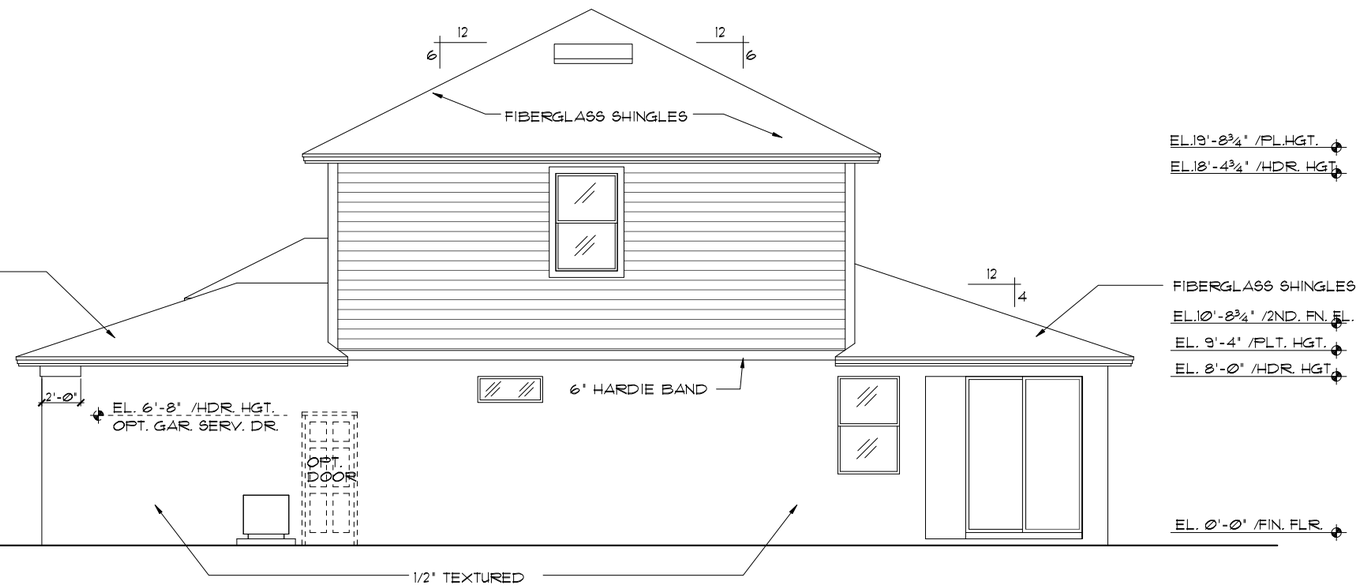

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2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
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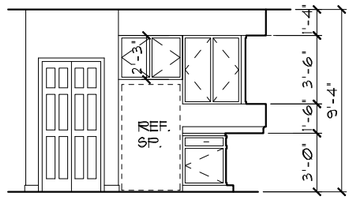
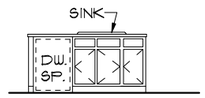


1

2



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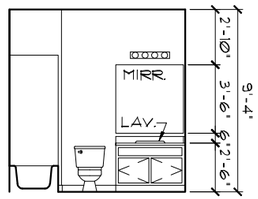

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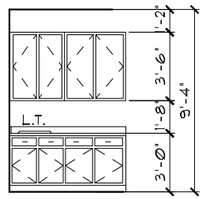

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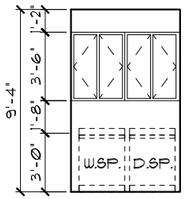
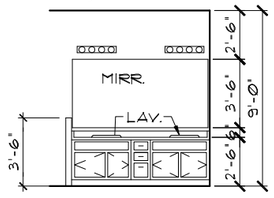
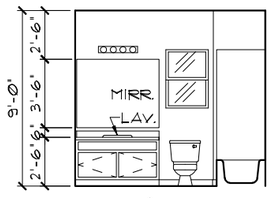


7 (OPT.)



8



9

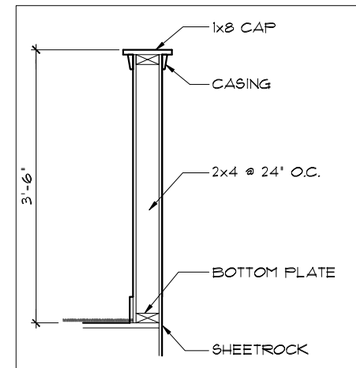
2 OPT. DBL OVEN

2 OPT. MICRO/ OVEN

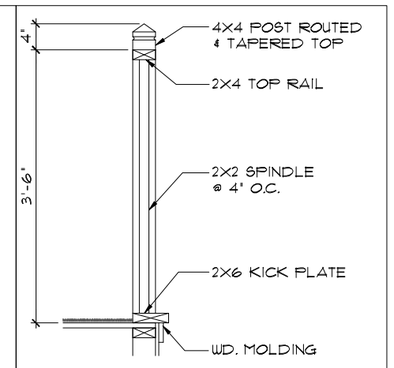
INTERIOR ELEVATIONS

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

NOTE: INTERIOR ELEVATIONS ARE CONCEPTUAL ONLY.
SEE CABINET SHOP DRAWINGS FOR FINAL VERIFICATION.



1/6 DETAIL-1/2 WALL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



2/6 DETAIL-OPT. RAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

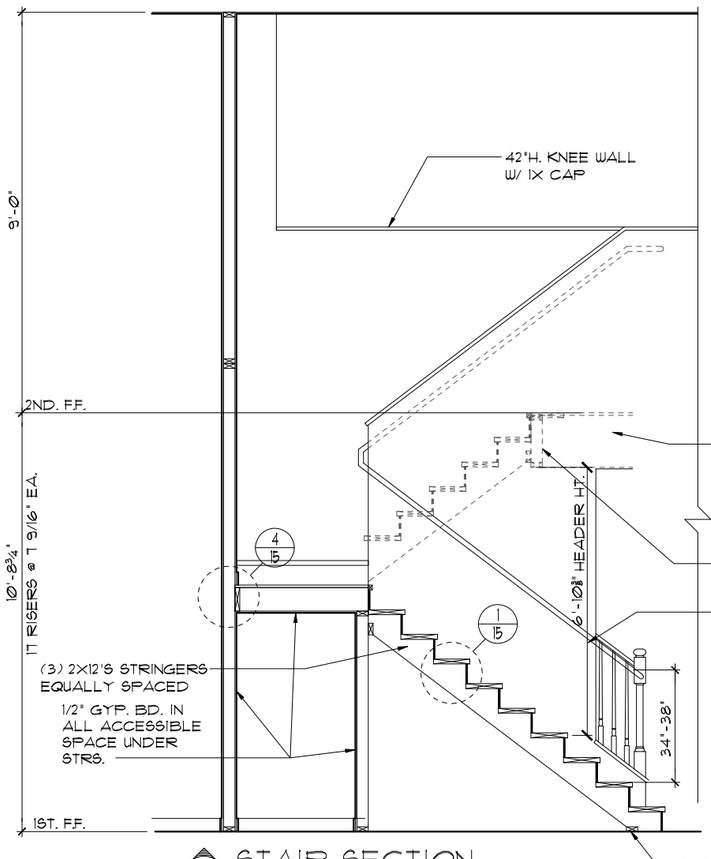
PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

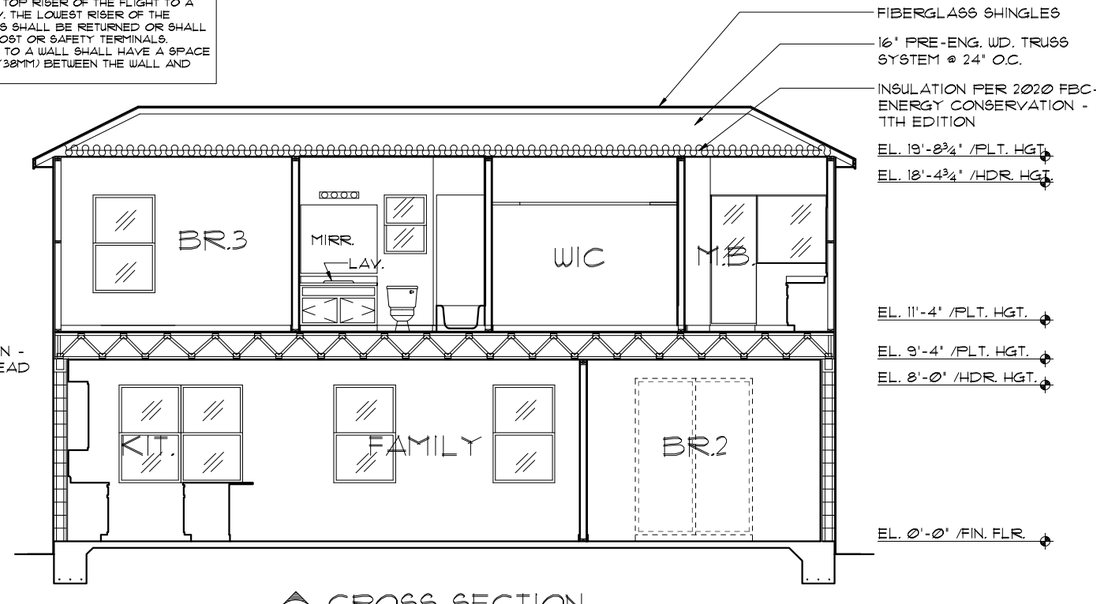
PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38"MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2.-
HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGHT OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOV. THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(38MM) BETWEEN THE WALL AND THE HANDRAIL.



B/8 STAIR SECTION
1/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)



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

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LOT: 0000, COMMUNITY NAME

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INTERIOR ELEVATIONS/ CROSS SECTION

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	08
OF	SHEETS

MECHANICAL/GENERAL NOTES

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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BRK: SMOKE-9120B, C/O- SC9120B
KIDDE: SMOKE-21007581, C/O 21006377-N

8.) 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. IAW FBCR 2023, 8TH ED. P2801.7

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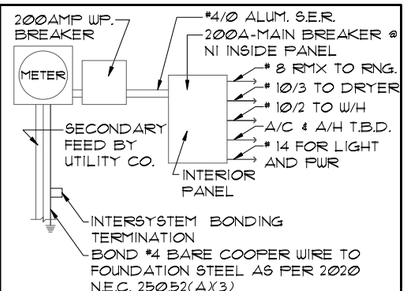

ELECTRICAL RISER DIAGRAM

N.T.S.

NOTE:
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250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

ELECTRICAL LEGEND

$	SINGLE POLE SWITCH		OUTLET, TV/CABLE
$3	THREE WAY SWITCH		OUTLET, PHONE
	OUTLET 110-115		INTERCOM
	OUT. 110-115, SPLIT WIRED		CHIMES
	OUT. 110-115, W/ USB		SMOKE DETECTOR/SMOKE
	OUT. 110-115, CLG. MOUNT.	CM	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
	LED LIGHT FIXT., RECESSED		ELECTRICAL PANEL
	LIGHT FIXT., REC. ADJUST.		CEILING FAN, PREWIRE
PC	LIGHT FIXT., PULL CHAIN	F	CEILING FAN, INSTALL
	LED LIGHT FIXT.,FLUORESCENT	J	ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS	T	THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DC	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER

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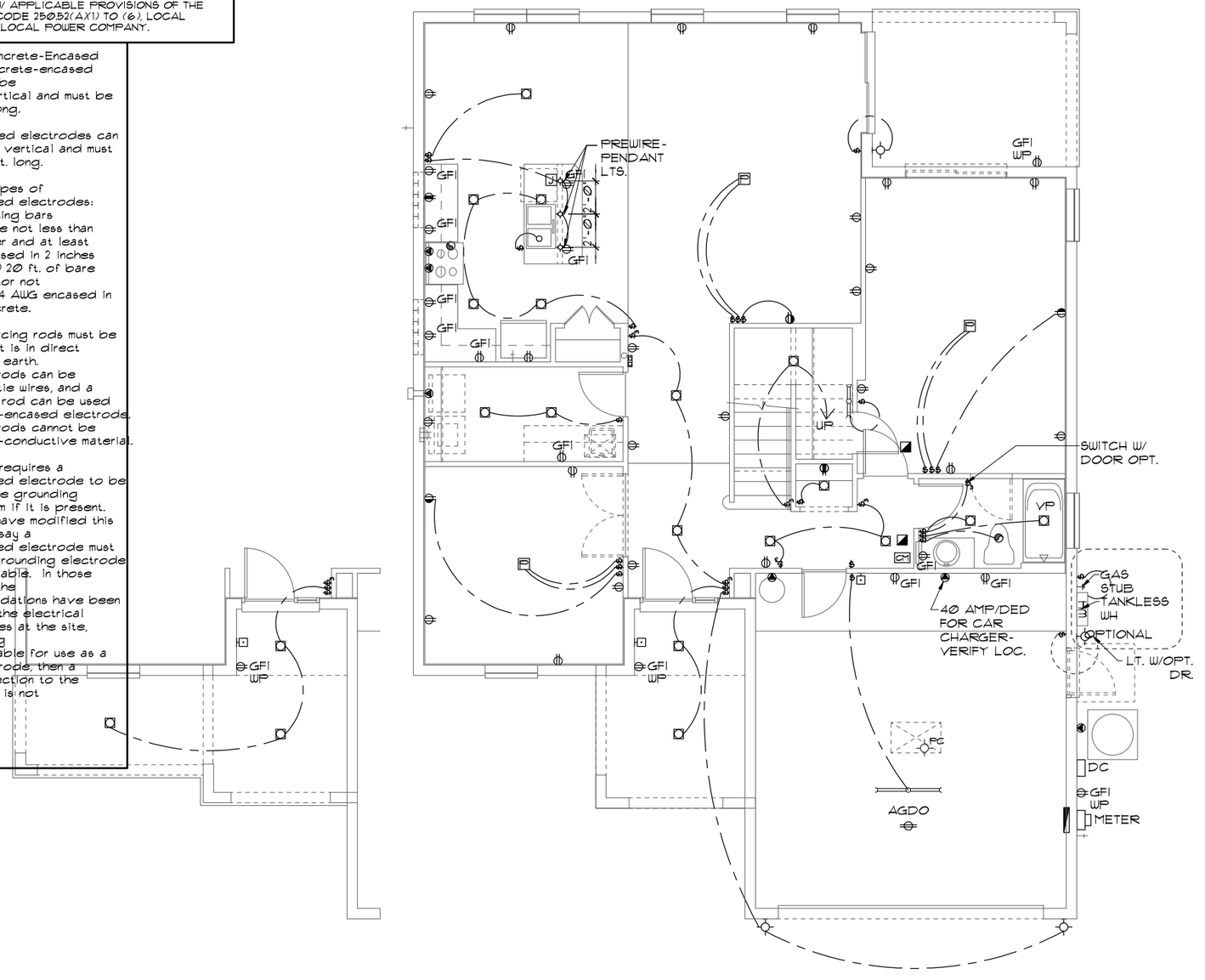

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FIRST FLOOR ELECTRICAL PLAN

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	09
OF	SHEETS

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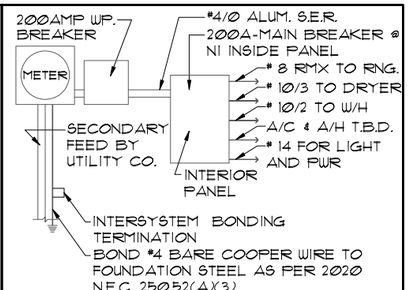

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	OUT. 110-115, W/ USB	CM	CARBON MONOXIDE
	OUT. 110-115, CLG. MOUNT.		PUSH BUTTON
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	SPCL. PURPOSE 220-240		EX. FAN/LIGHT COMBO
	LIGHT FIXT., CLG. MTD.		DISPOSAL
	LIGHT FIXT., WALL MTD.		ELECTRICAL PANEL
	LED LIGHT FIXT., RECESSED		CEILING FAN, PREWIRE
E	LIGHT FIXT., REC. ADJUST.	F	CEILING FAN, INSTALL
PC	LIGHT FIXT., PULL CHAIN	J	ELECT. JUNCTION BOX
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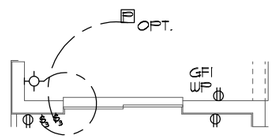

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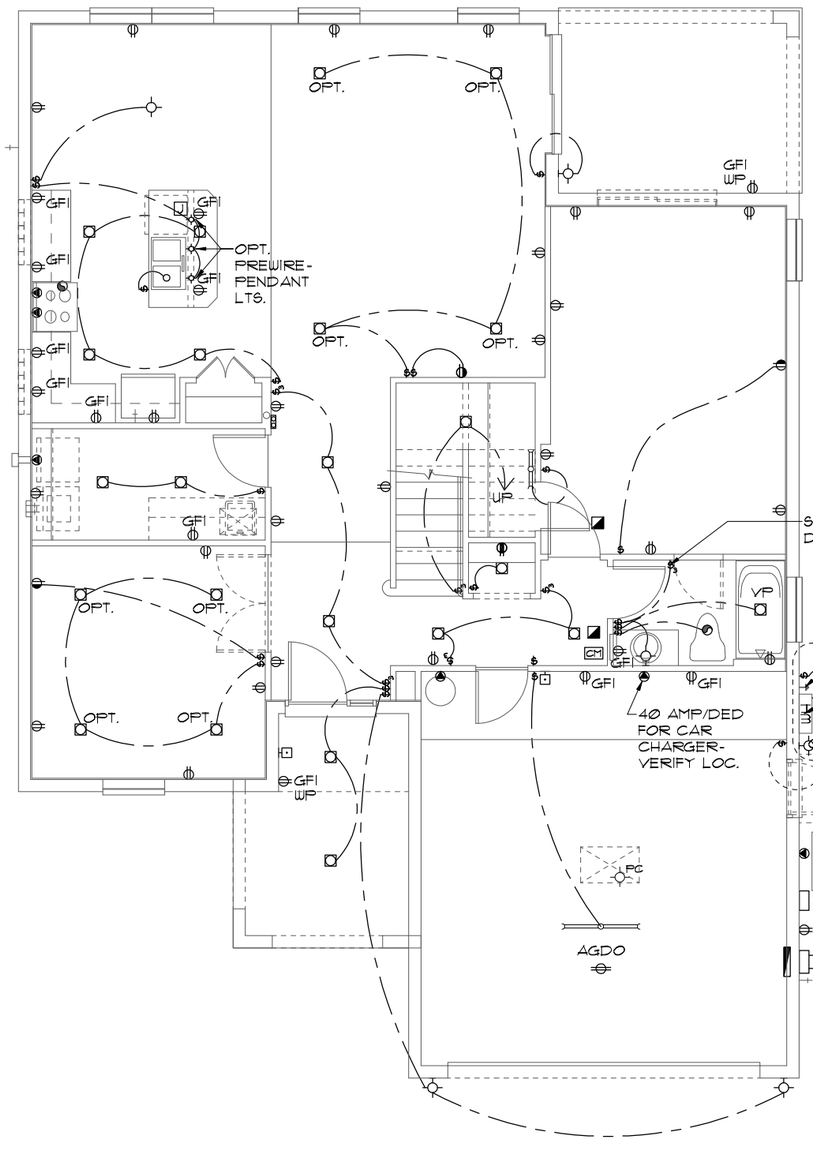

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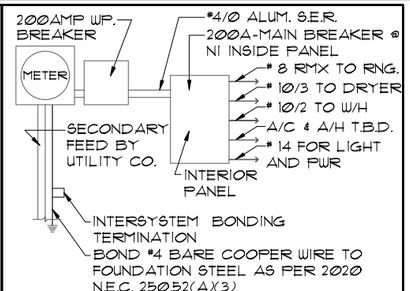

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PC	LIGHT FIXT., PULL CHAIN	J	ELECT. JUNCTION BOX
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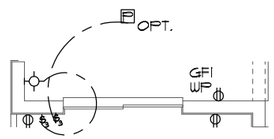
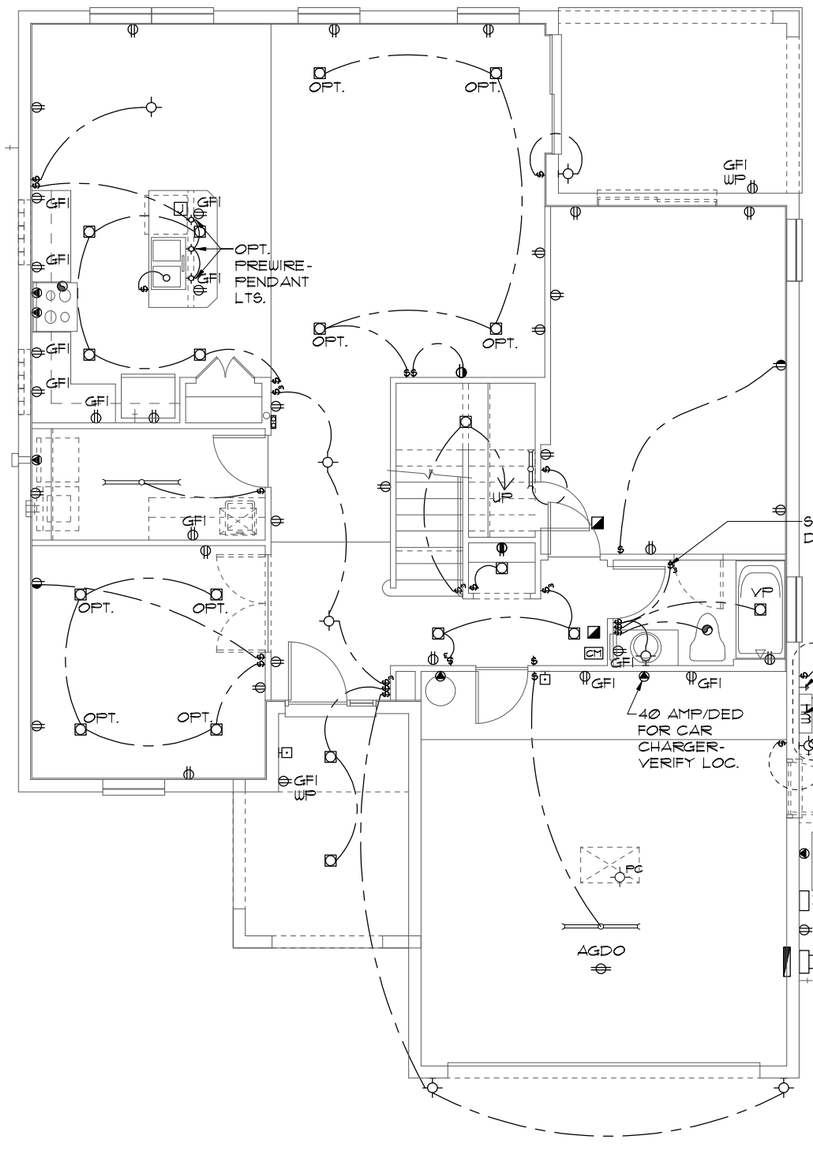


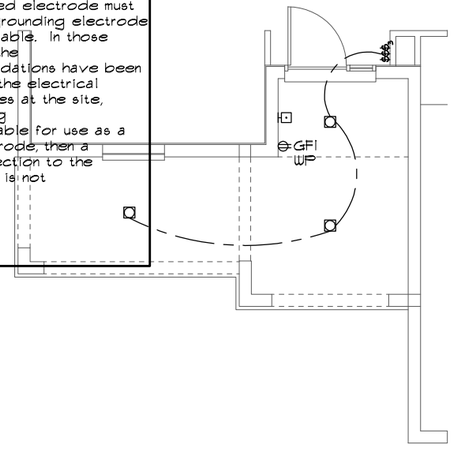
S.G.D. OPTION

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



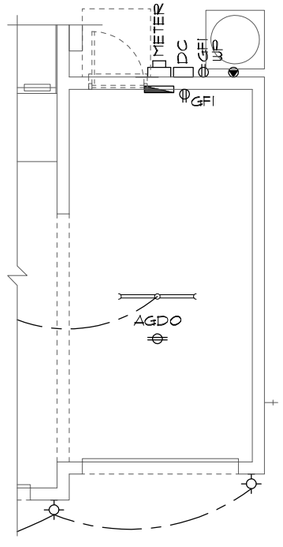
ELECTRICAL PLAN "B"

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



ELECTRICAL PLAN "A"/"C"/"D"

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



3-CAR GAR. OPTION

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

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FIRST FLOOR ELECTRICAL PLAN

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	09
OF	SHEETS

MECHANICAL/GENERAL NOTES

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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BRK: SMOKE-9120B, C/O- SC9120B
KIDDE: SMOKE-21007581, C/O 21006377-N

8.) 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. IAW FBCR 2023, 8TH ED. P2801.7

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12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

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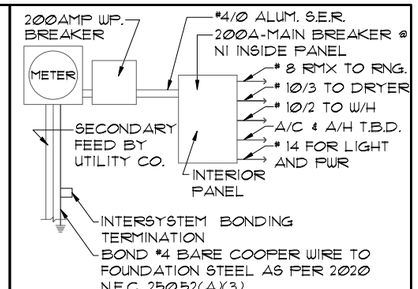

ELECTRICAL RISER DIAGRAM

N.T.S.

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The steel reinforcing rods must be in a location that is in direct contact with the earth.
The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode.
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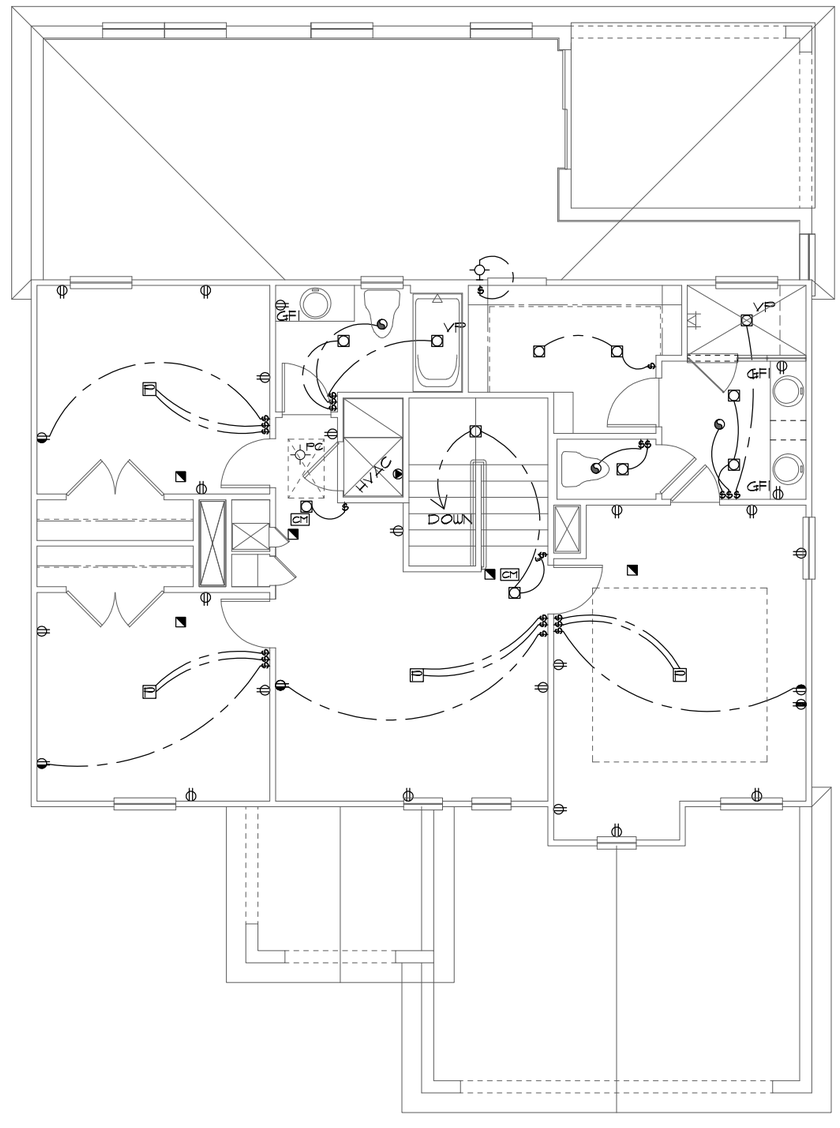
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

ELECTRICAL LEGEND

$	SINGLE POLE SWITCH		OUTLET, TV/CABLE
$3	THREE WAY SWITCH		OUTLET, PHONE
	OUTLET 110-115		INTERCOM
	OUT. 110-115, SPLIT WIRED		CHIMES
	OUT. 110-115, W/ USB		SMOKE DETECTOR/SMOKE
	OUT. 110-115, CLG. MOUNT.	CM	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
	LED LIGHT FIXT., RECESSED		ELECTRICAL PANEL
E	LIGHT FIXT., REC. ADJUST.	F	CEILING FAN, PREWIRE
PC	LIGHT FIXT., PULL CHAIN	F	CEILING FAN, INSTALL
	LED LIGHT FIXT.,FLUORESCENT	J	ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS	T	THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DC	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER



UPPER FLOOR ELECTRICAL PLAN

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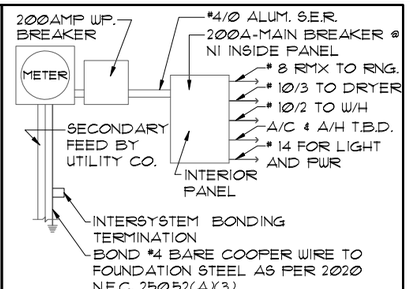

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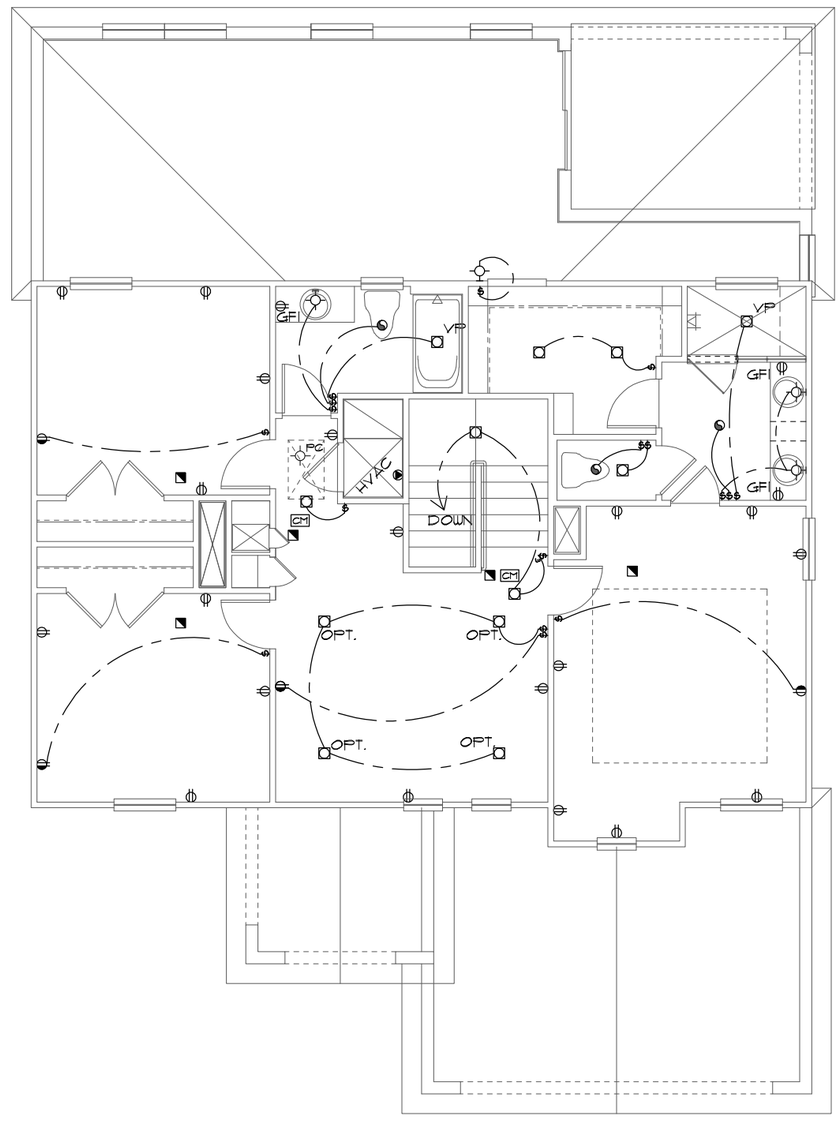

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	OUTLET 110-115		INTERCOM
	OUT. 110-115, SPLIT WIRED		CHIMES
	OUT. 110-115, W/ USB		SMOKE DETECTOR/SMOKE
	OUT. 110-115, CLG. MOUNT.	CM	CARBON MONOXIDE
	OUT. 110-115, FLR. MOUNT.		PUSH BUTTON
	SPCL. PURPOSE 220-240		EXHAUST FAN
	LIGHT FIXT., CLG. MTD.		EX. FAN/LIGHT COMBO
	LIGHT FIXT., WALL MTD.		DISPOSAL
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PC	LIGHT FIXT., PULL CHAIN	F	CEILING FAN, INSTALL
	LED LIGHT FIXT.,FLUORESCENT	J	ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS	T	THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DC	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER

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2382 THE PEMBROKE

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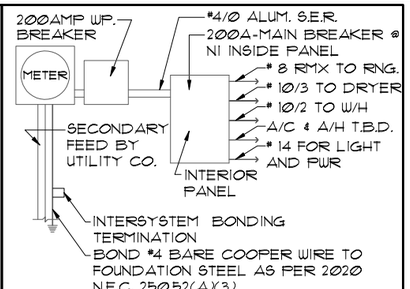

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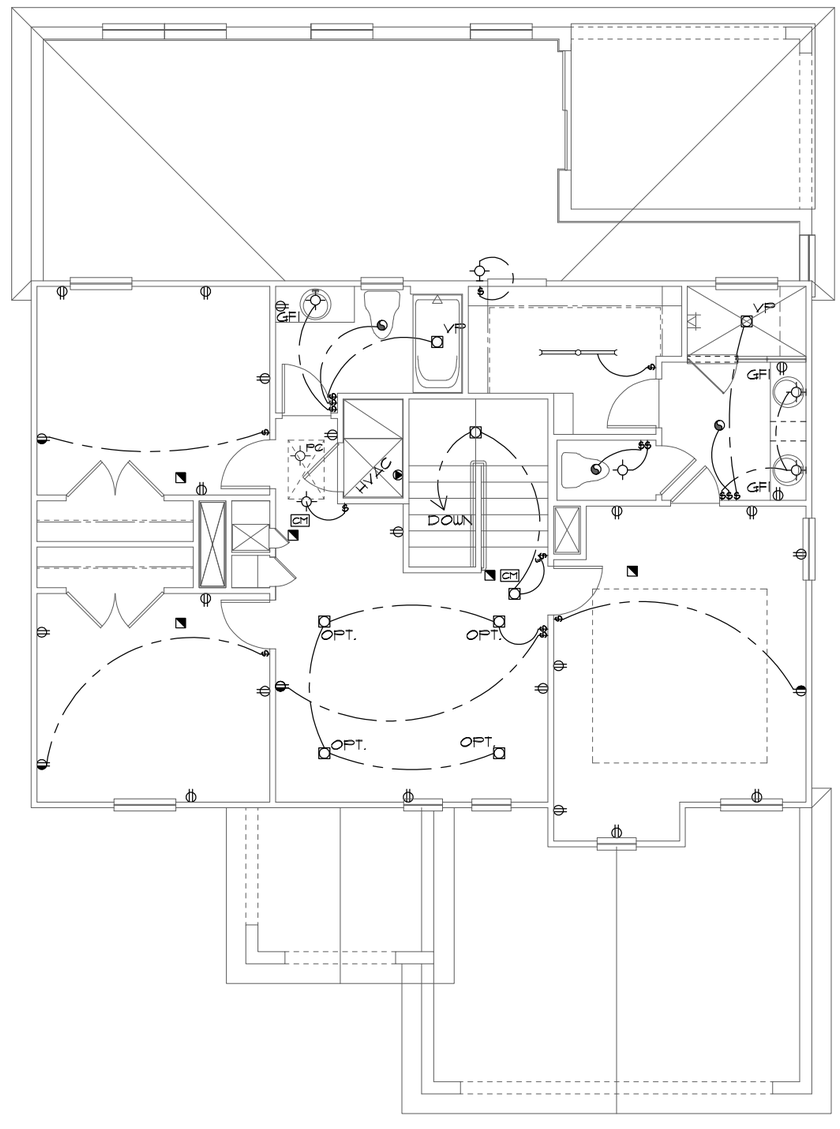

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ELECTRICAL LEGEND

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	OUT. 110-115, W/ USB		SMOKE DETECTOR/SMOKE
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	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
	LED LIGHT FIXT., RECESSED		ELECTRICAL PANEL
	LIGHT FIXT., REC. ADJUST.		CEILING FAN, PREWIRE
PC	LIGHT FIXT., PULL CHAIN		CEILING FAN, INSTALL
	LED LIGHT FIXT.,FLUORESCENT		ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS	DT	THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DC	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER

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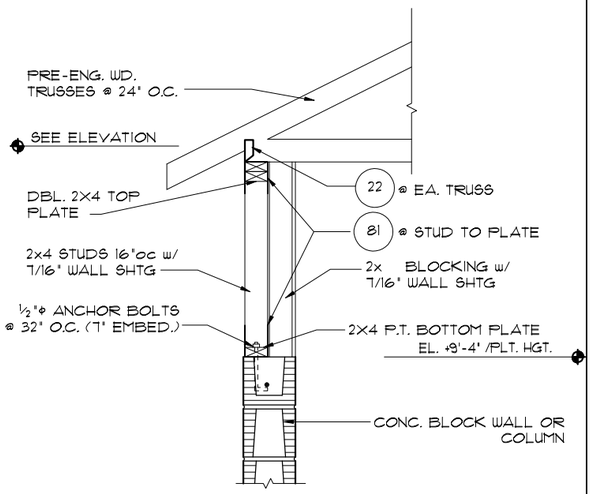

1/11A DETAIL

1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** 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 8TH EDITION (2023) 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 BCSI 1.
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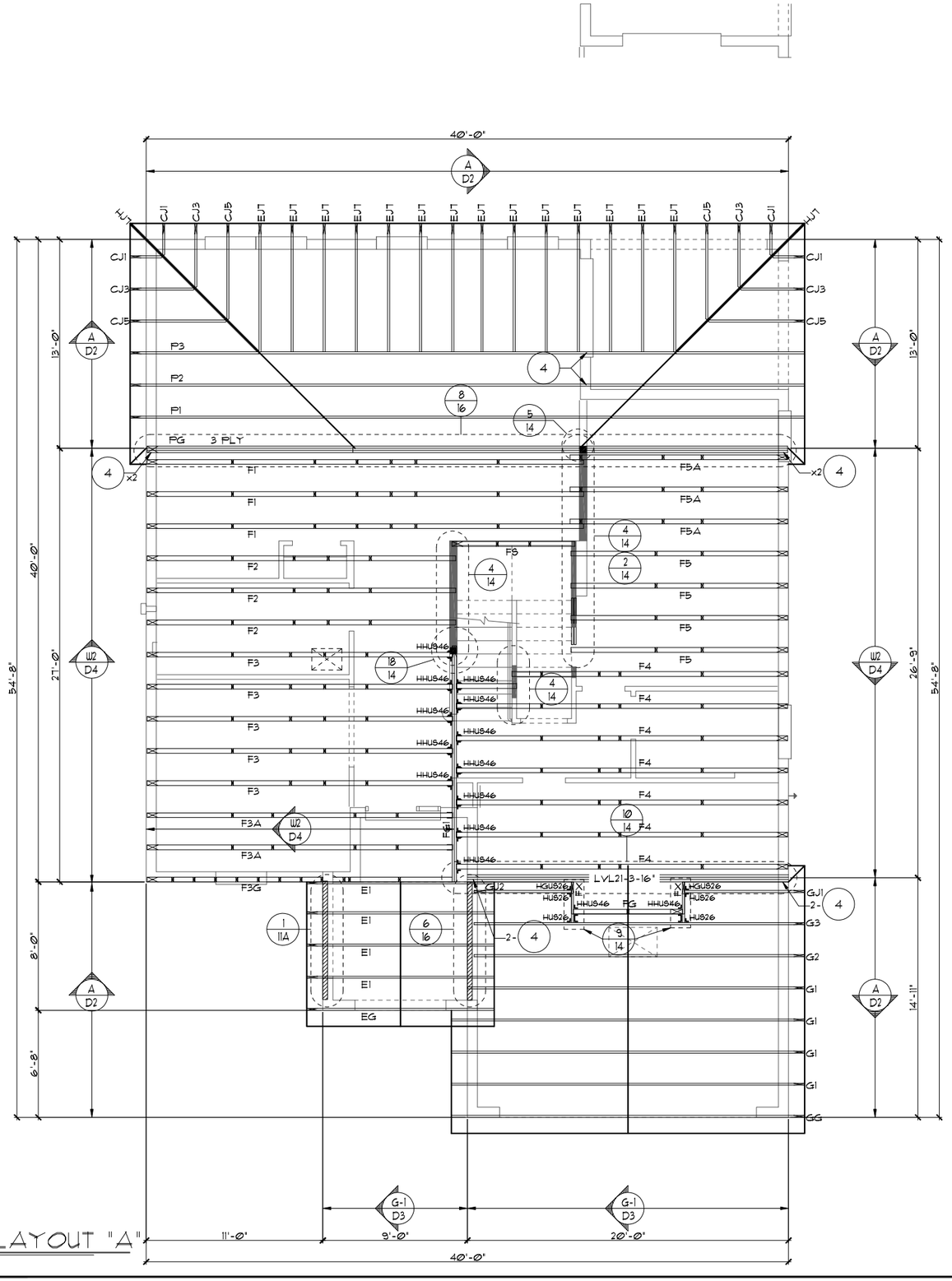
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



1/2"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

FIRST FLOOR TRUSS LAYOUT "A"

LOT: 0000 COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

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4901 Vineland Road, Suite A9 Orlando, FL 32811
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5200 Vineland Road, Suite 200
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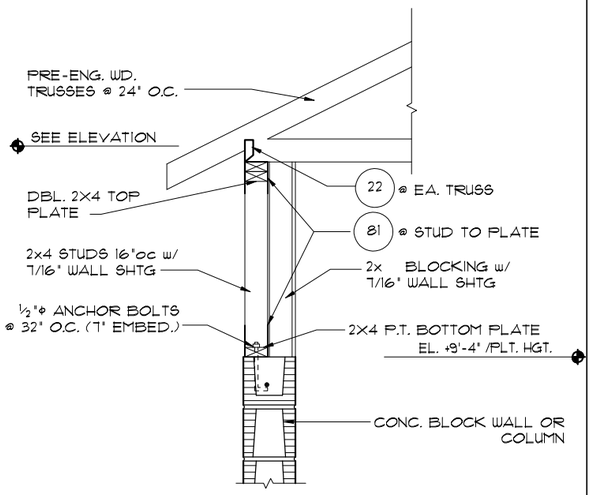
Phone: (407) 529 - 3000

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11A
OF	SHEETS



1 / 11A DETAIL

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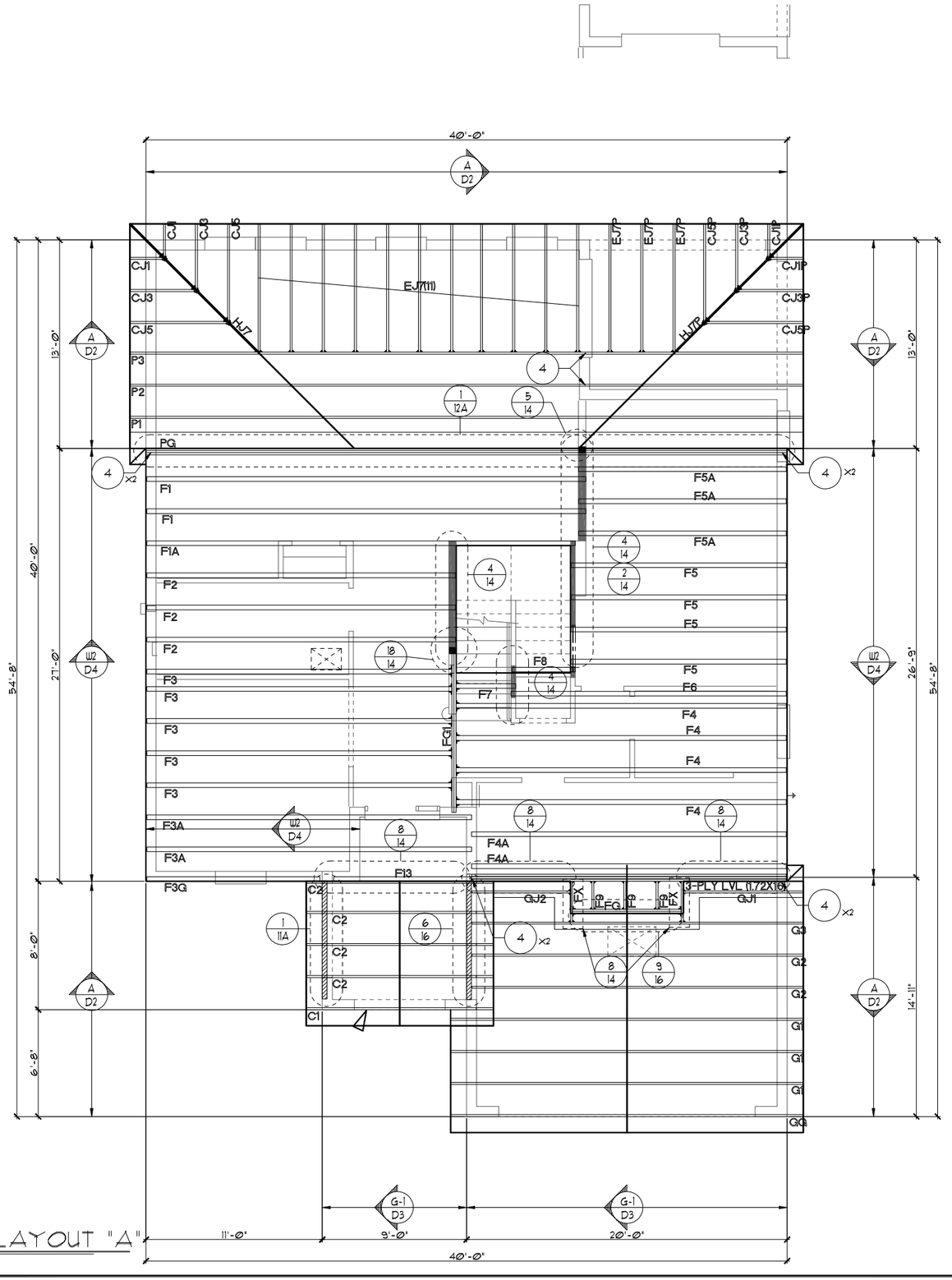

FIRST FLOOR TRUSS LAYOUT "A"

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

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

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FIRST FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
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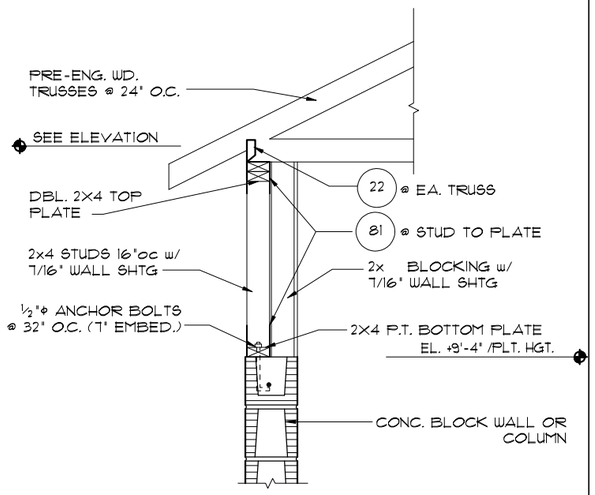
OF	SHEETS



1/11A DETAIL

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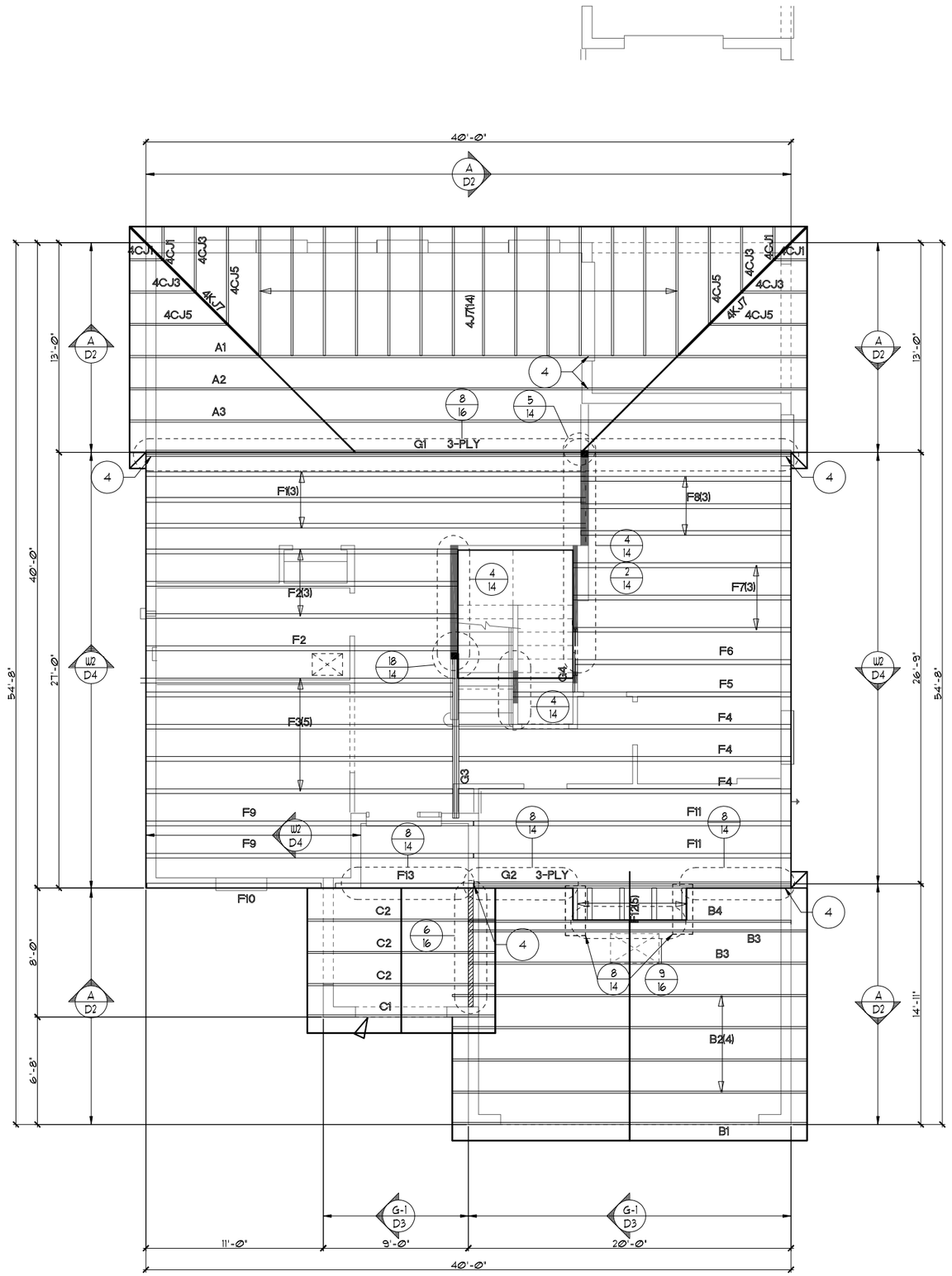

FIRST FLOOR TRUSS LAYOUT "A"

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2382 THE PEMBROKE

FIRST FLOOR TRUSS LAYOUT

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11A
OF	SHEETS

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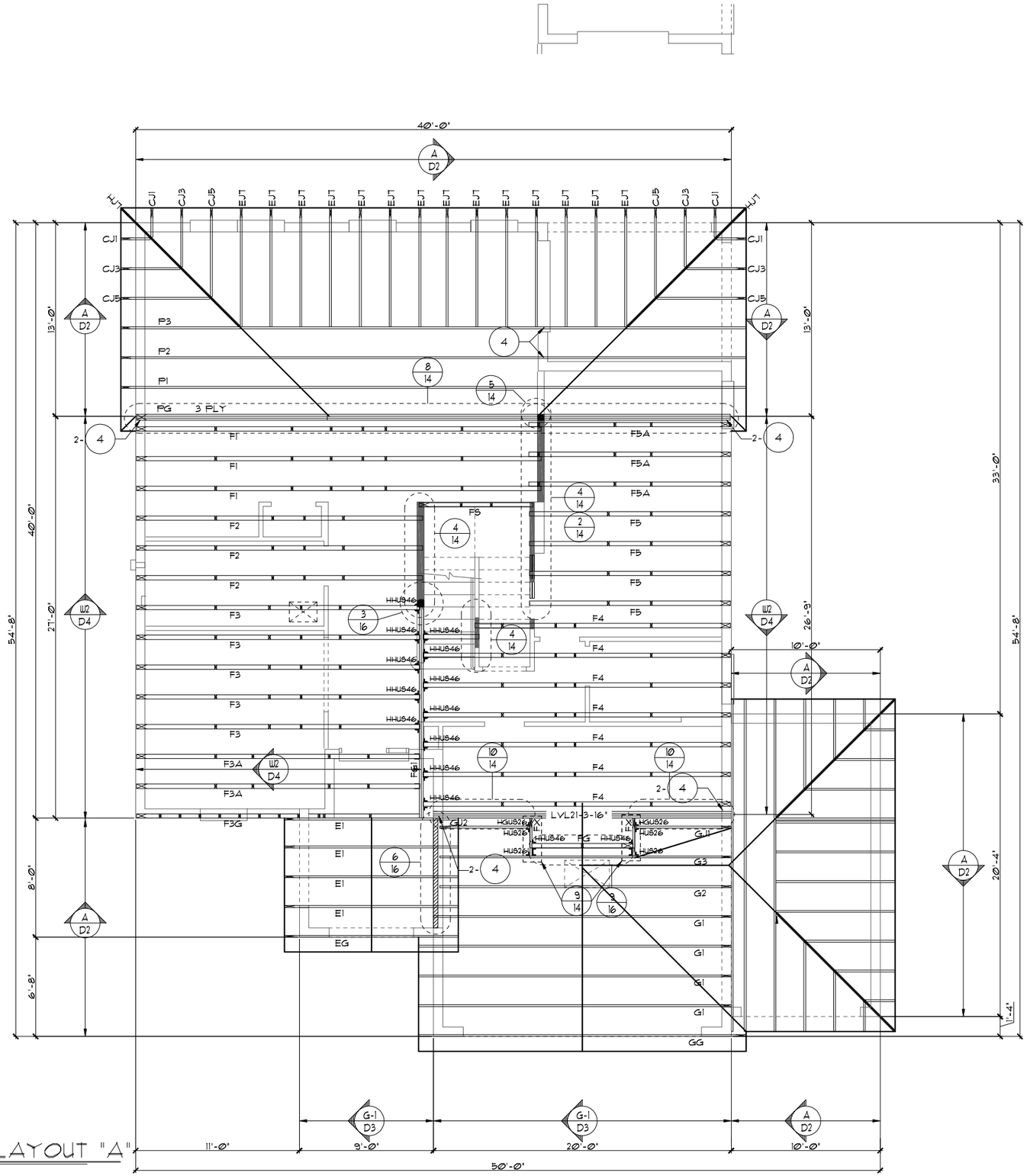

FIRST FLOOR TRUSS LAYOUT "A"

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BOARD OF CONVENTION NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

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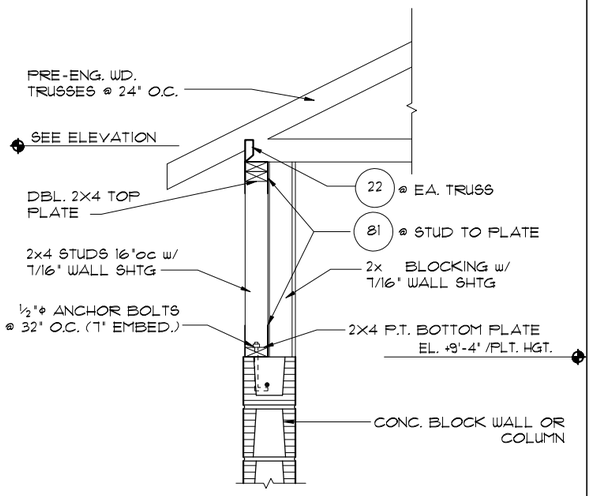
FIRST FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11.3A
OF	SHEETS



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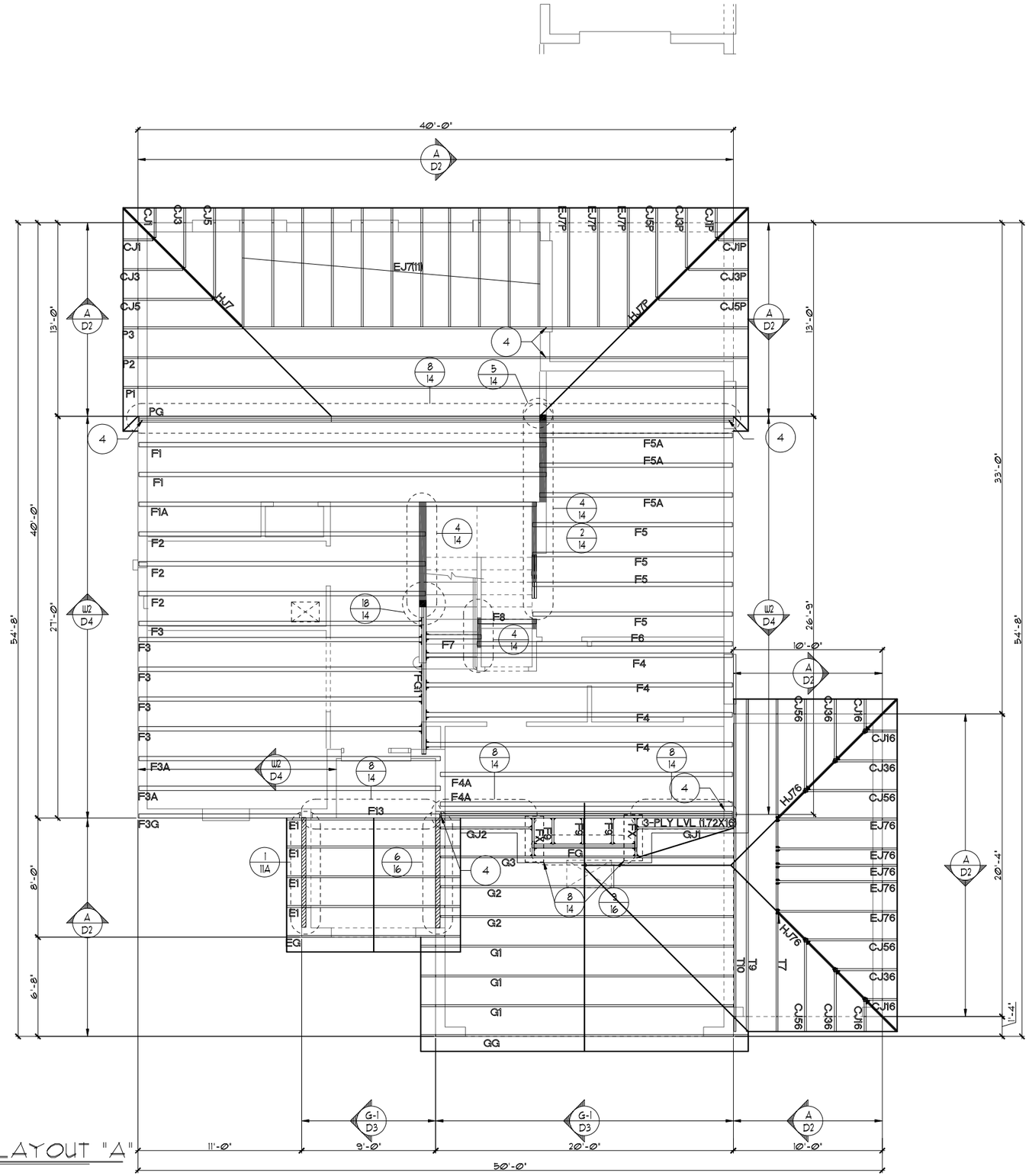

FIRST FLOOR TRUSS LAYOUT "A"

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05-16-19	JF

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Park Square HOMES

FIRST FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11.3A
OF	SHEETS

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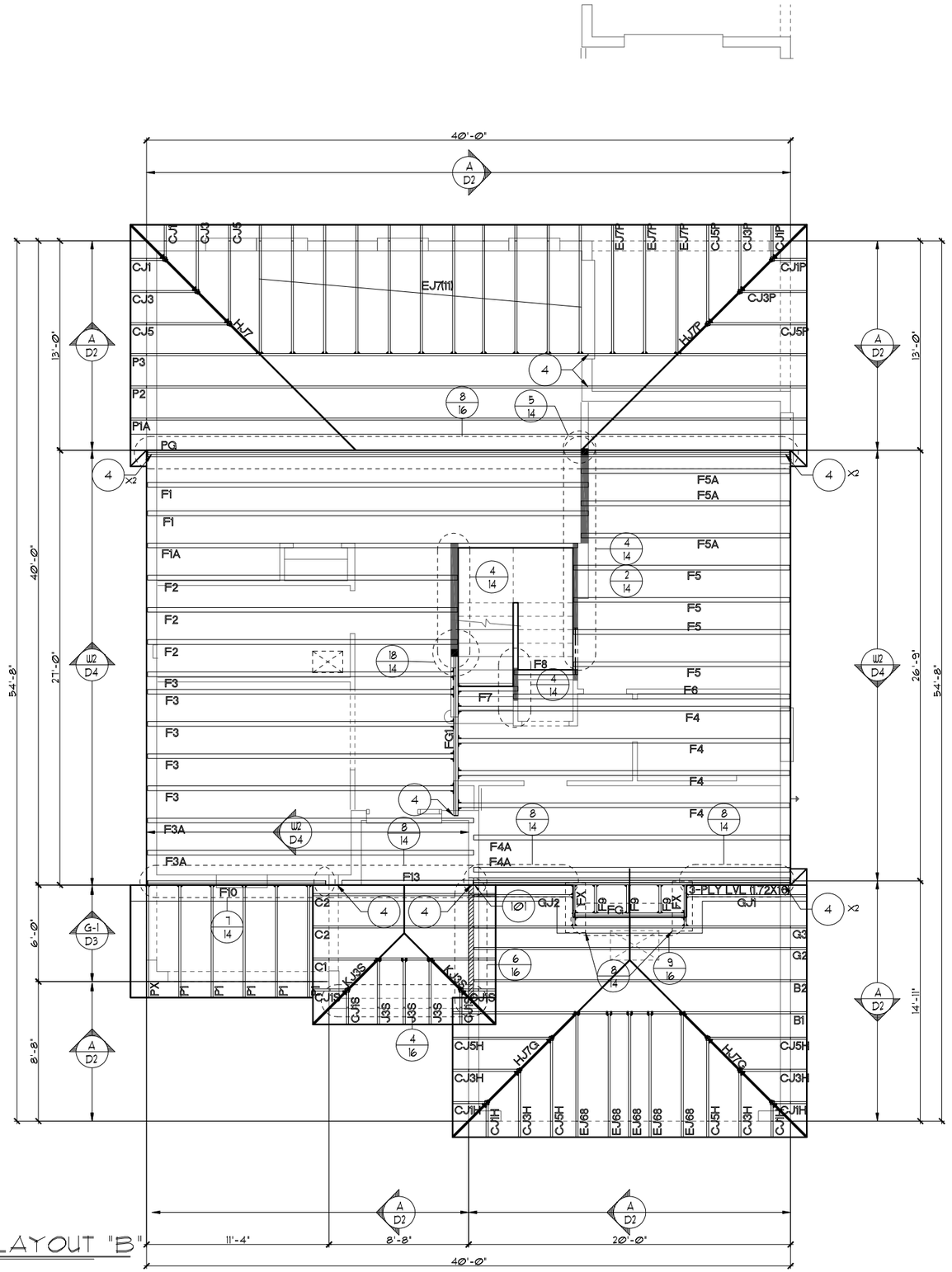

FIRST FLOOR TRUSS LAYOUT "B"

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THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

REVISIONS	BY
05-16-19	JF

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2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11B
OF	SHEETS

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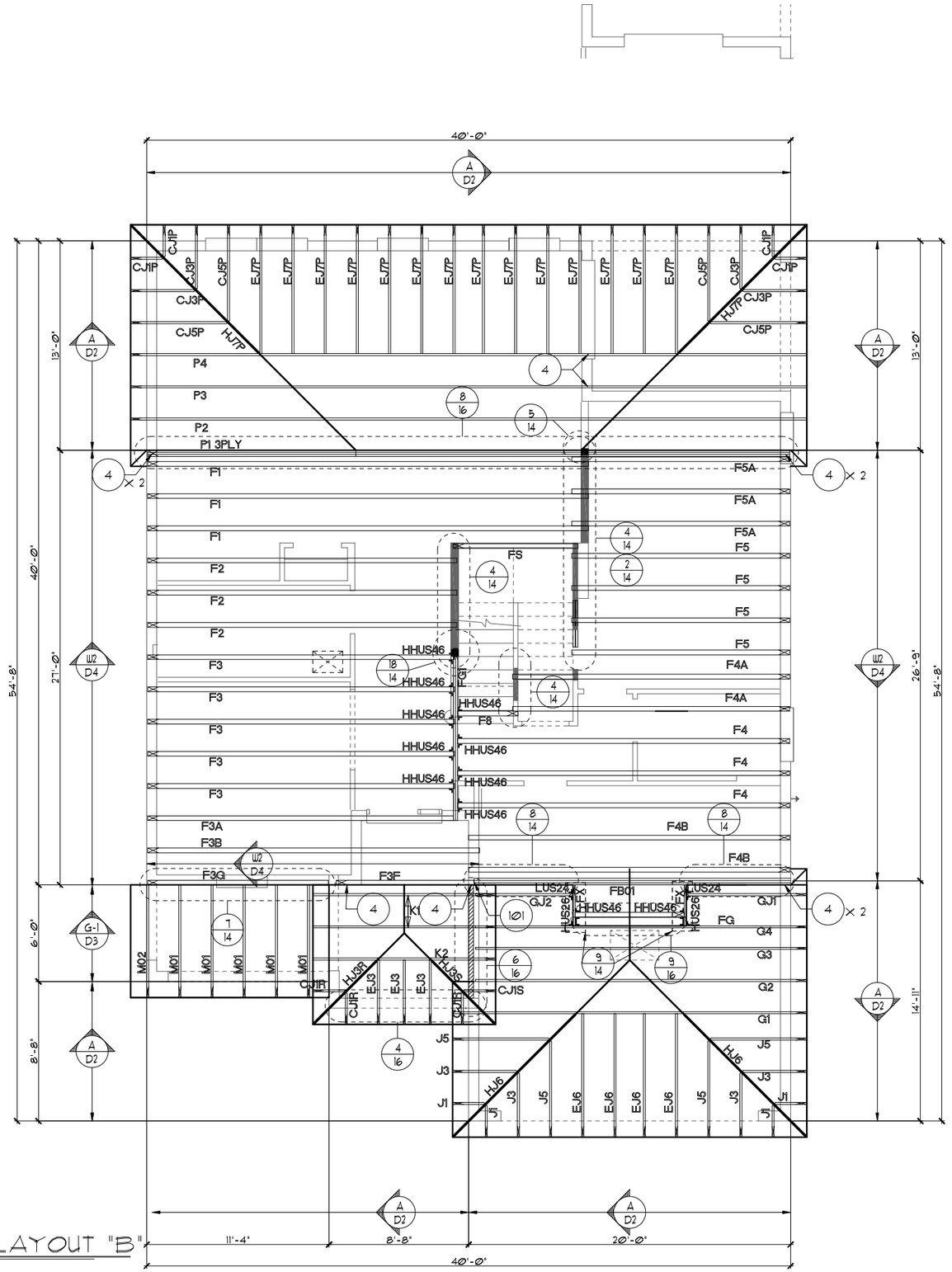

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FIRST FLOOR TRUSS LAYOUT

2382

THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11B
OF	SHEETS

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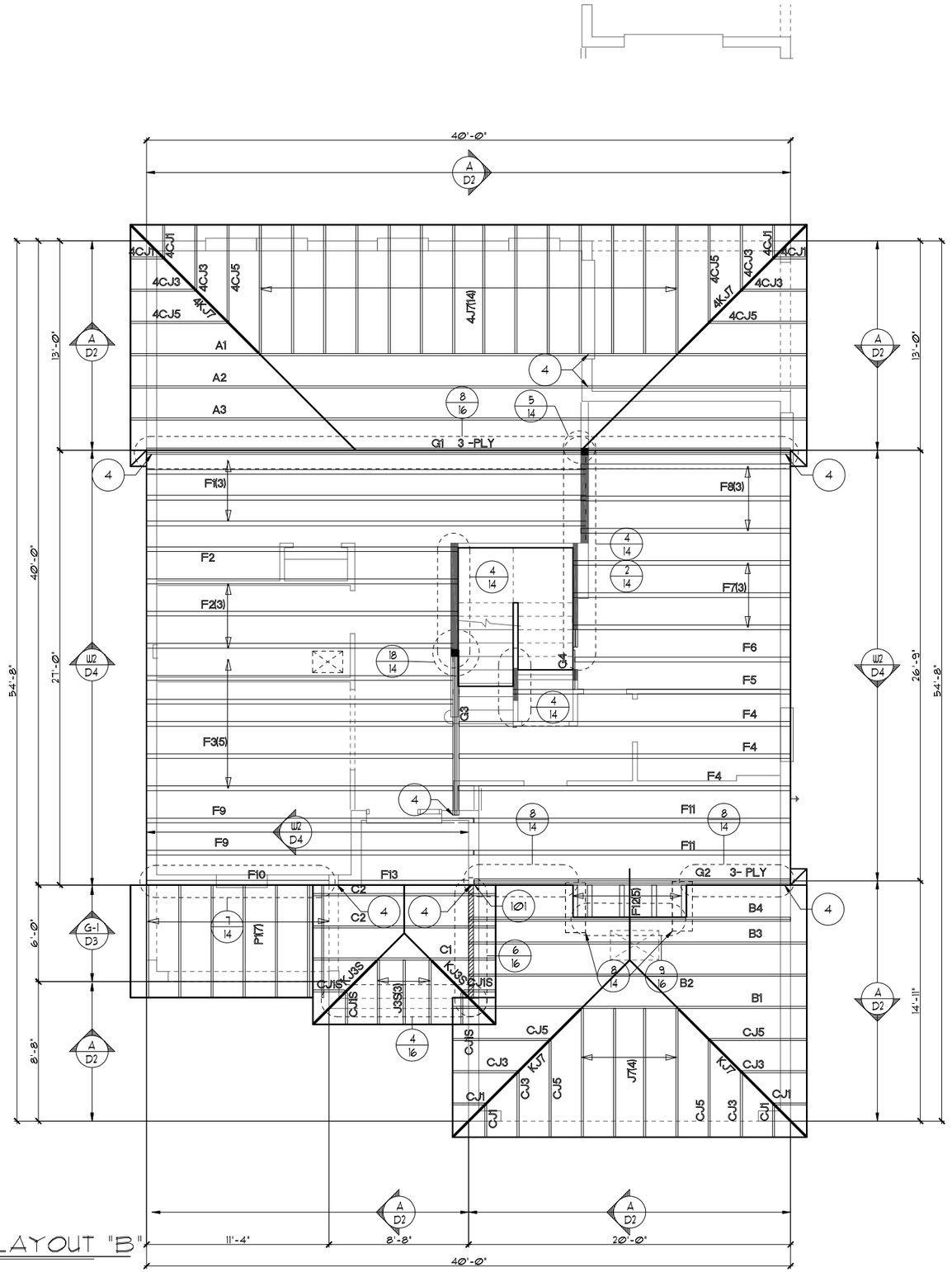

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FIRST FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11B
OF	SHEETS

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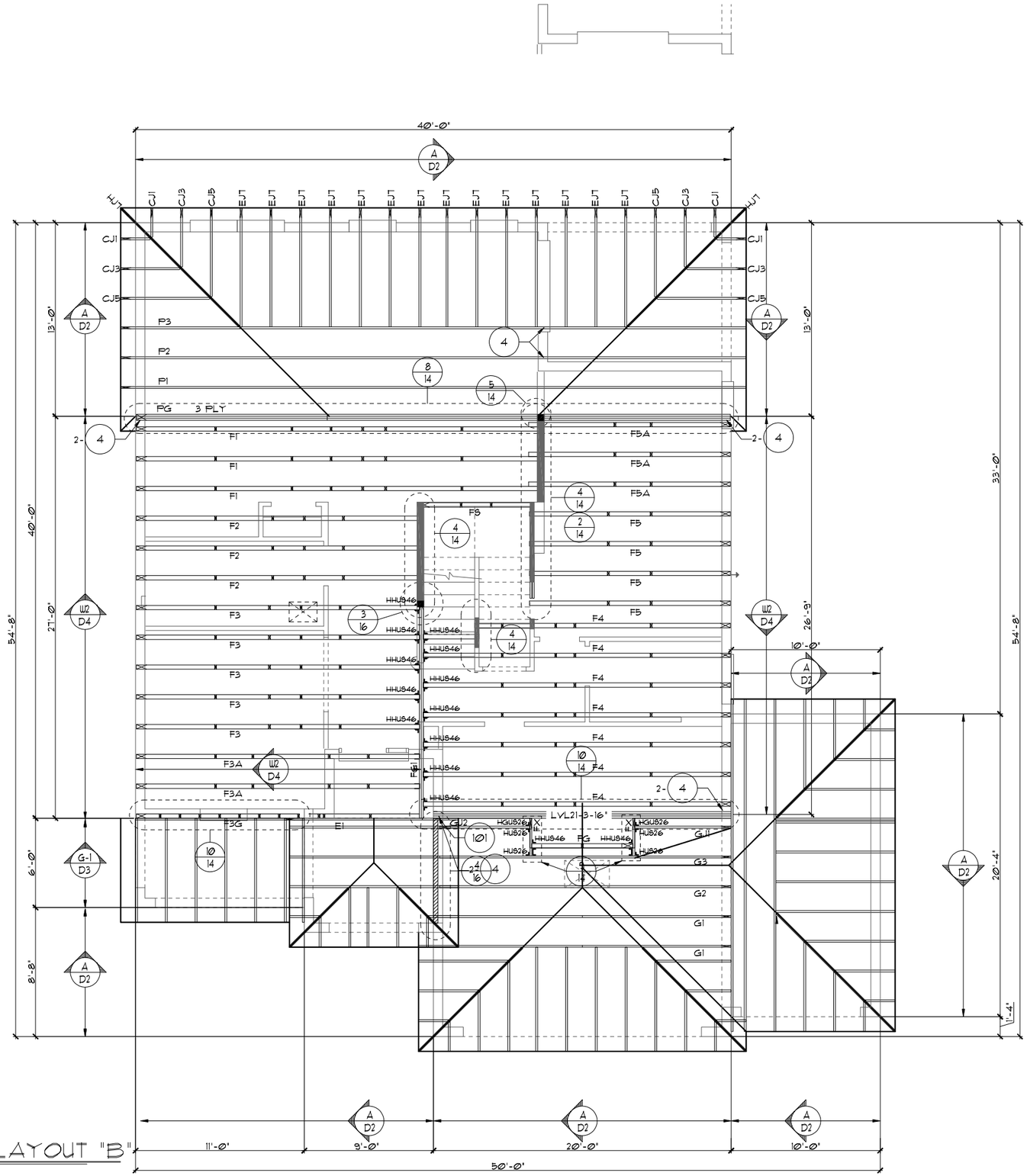

FIRST FLOOR TRUSS LAYOUT "B"

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THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

BOARD OF CONDITION NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

THOMPSON ENGINEERING GROUP, INC
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Orlando, Florida 32811
Phone: (407) 529 - 3000

FIRST FLOOR TRUSS LAYOUT

2382

THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11.3B
OF	SHEETS

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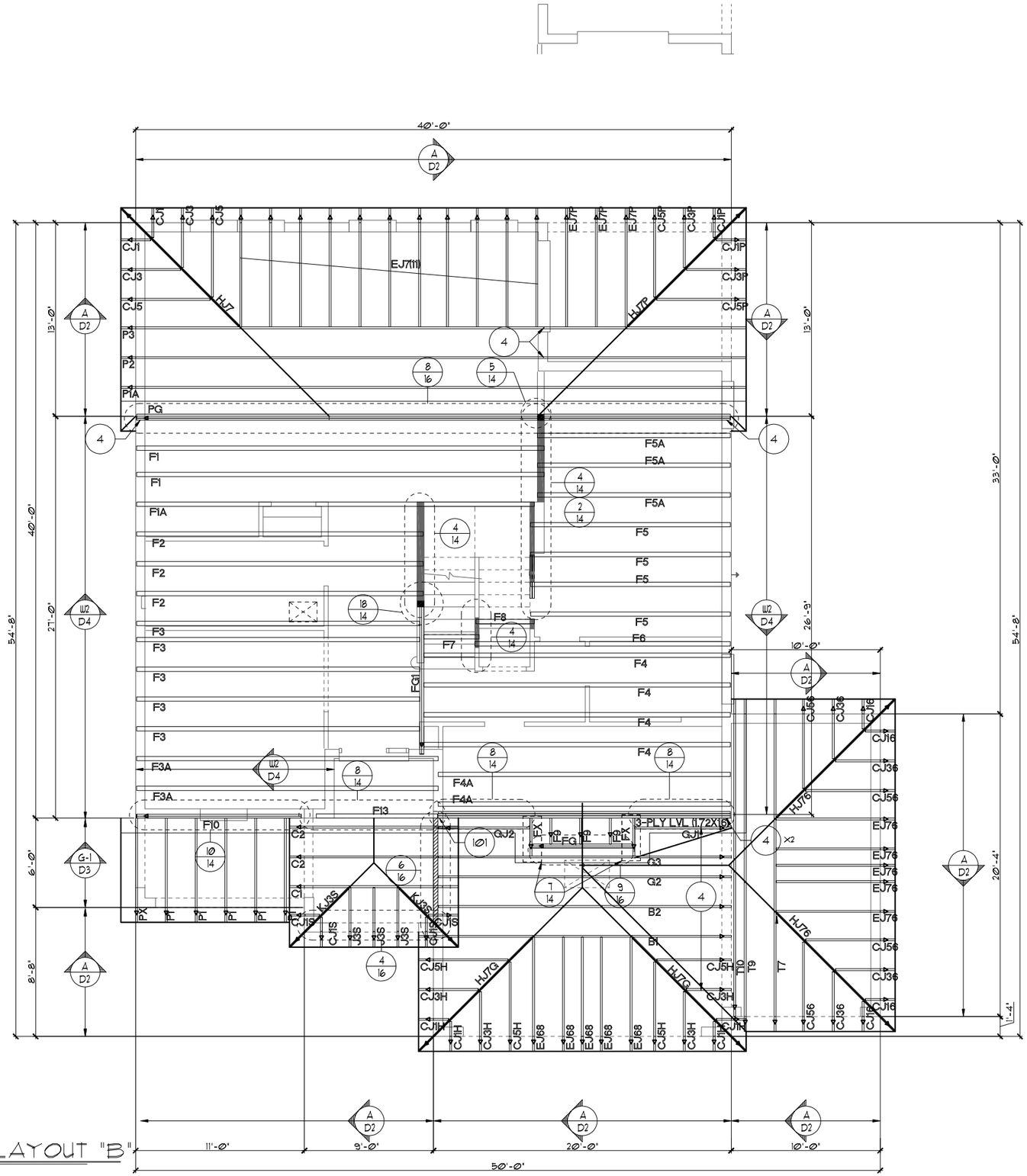

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FIRST FLOOR TRUSS LAYOUT

2382

THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11.3B
OF	SHEETS

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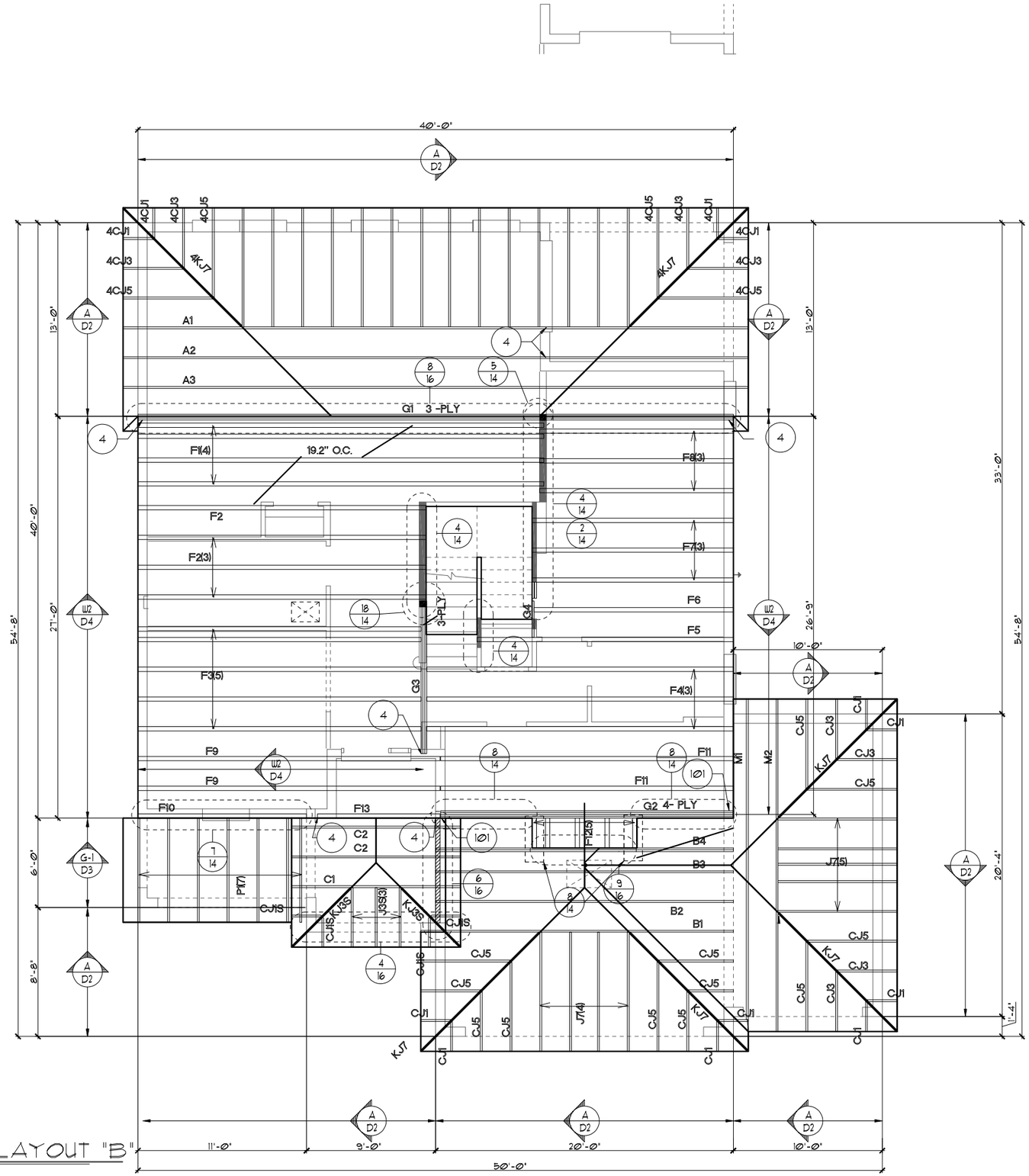

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FIRST FLOOR TRUSS LAYOUT

2382
THE PEMBROKE

DATE	04-6-12
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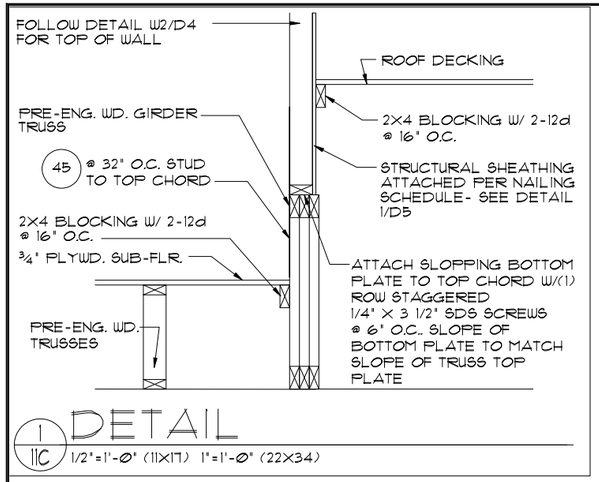

1 / 11C DETAIL

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

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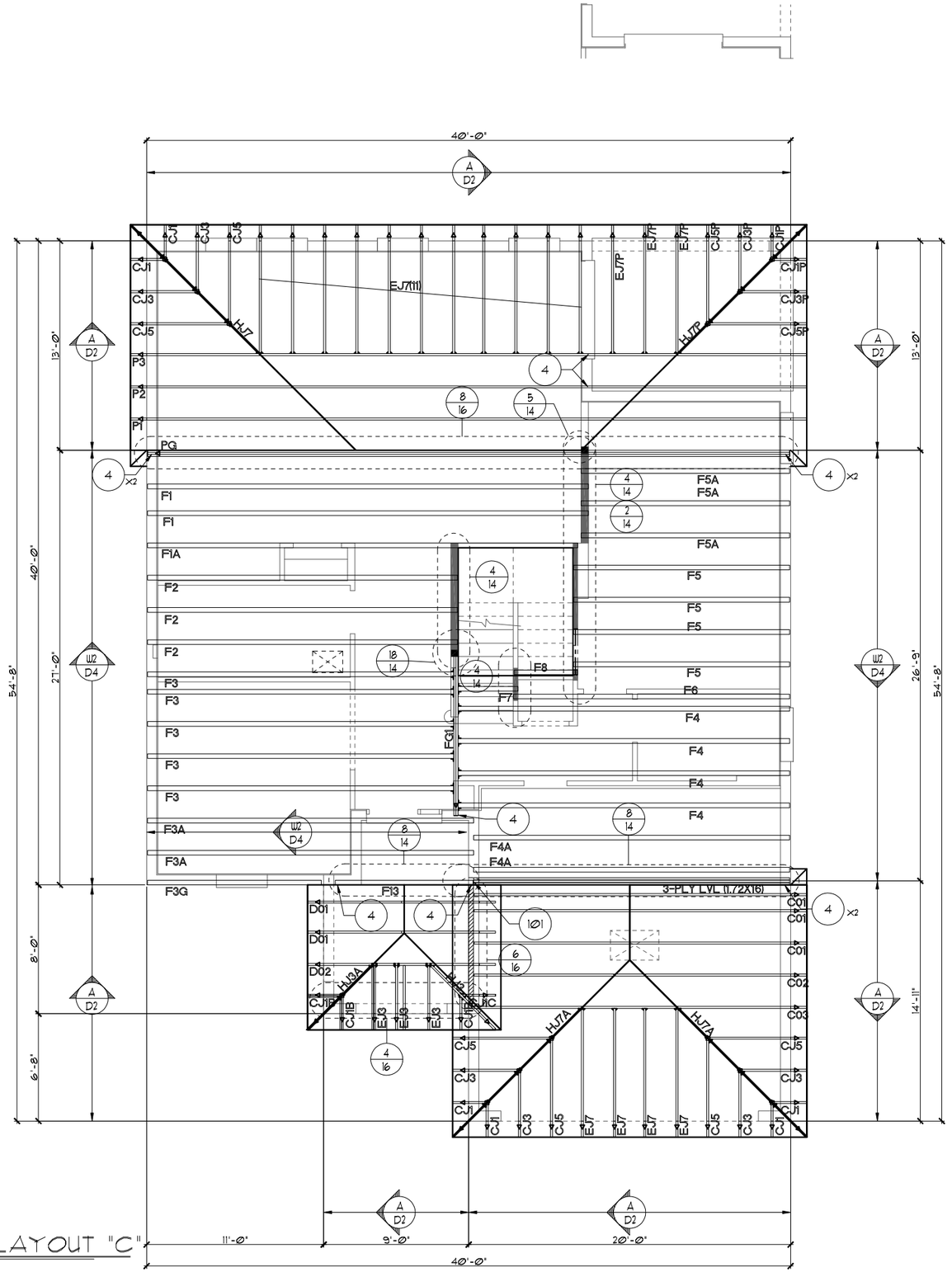

FIRST FLOOR TRUSS LAYOUT "C"

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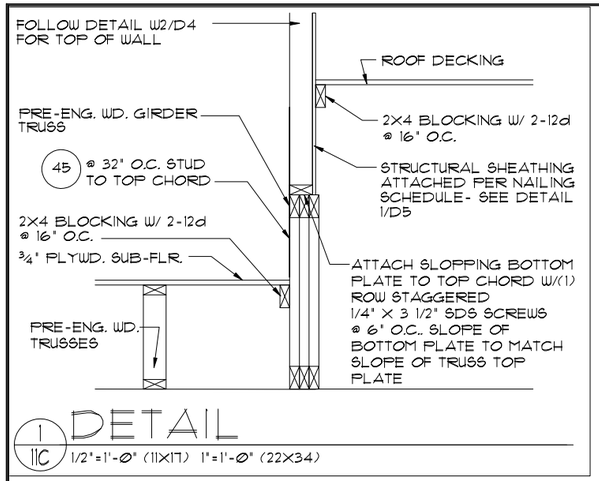
2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	11C
OF	SHEETS



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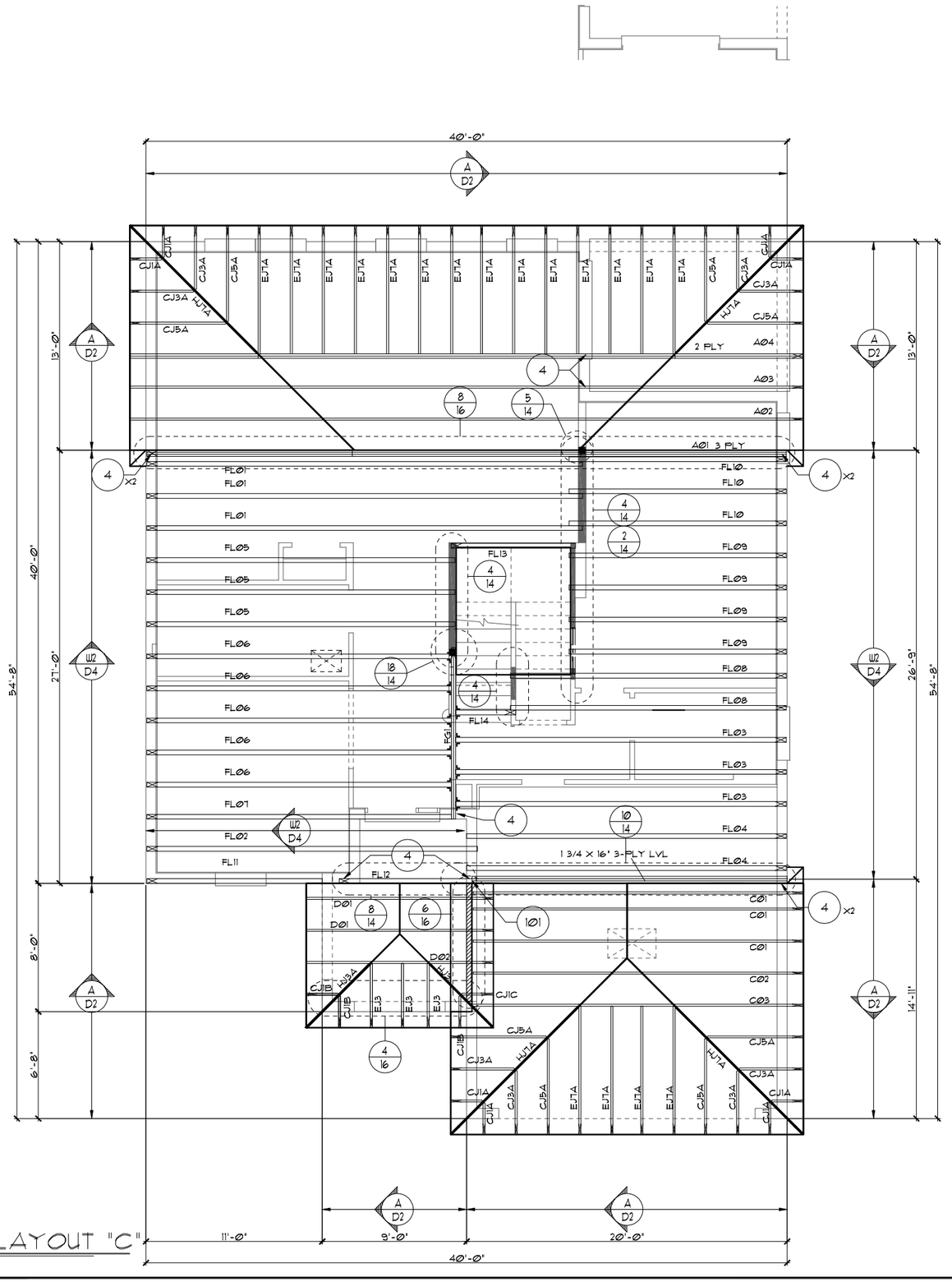

FIRST FLOOR TRUSS LAYOUT "C"

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FIRST FLOOR TRUSS LAYOUT

2382

THE PEMBROKE

DATE	04-6-12
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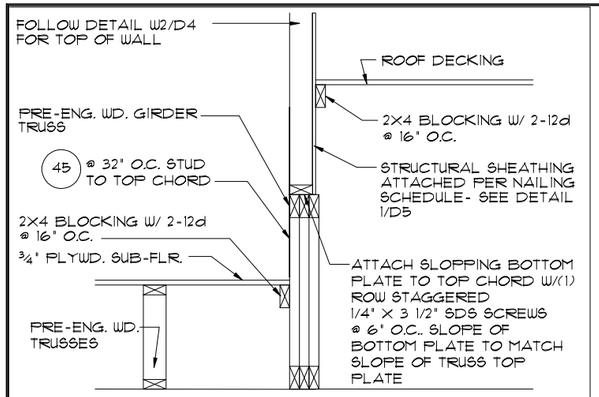

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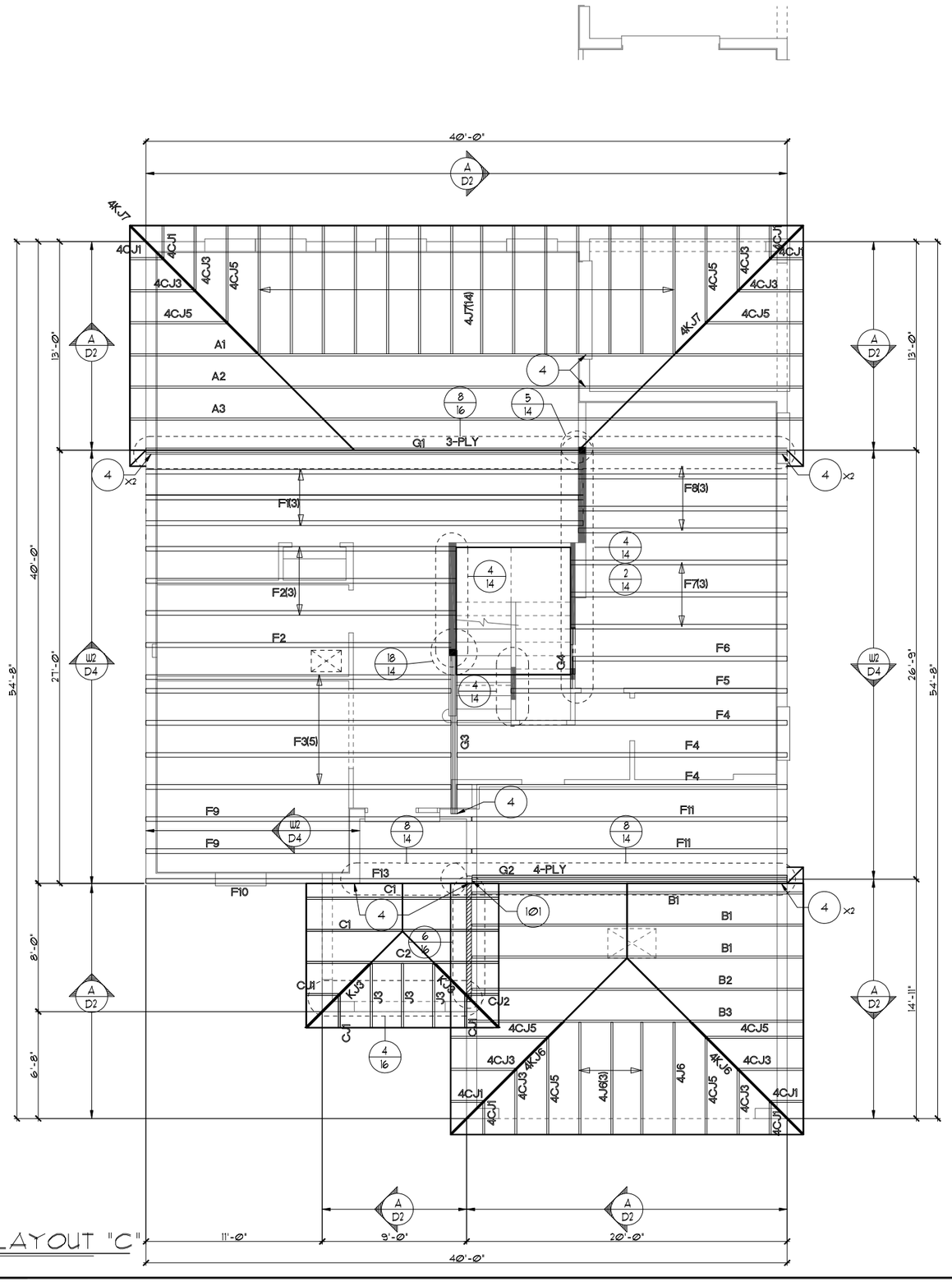

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FIRST FLOOR TRUSS LAYOUT

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THE PEMBROKE

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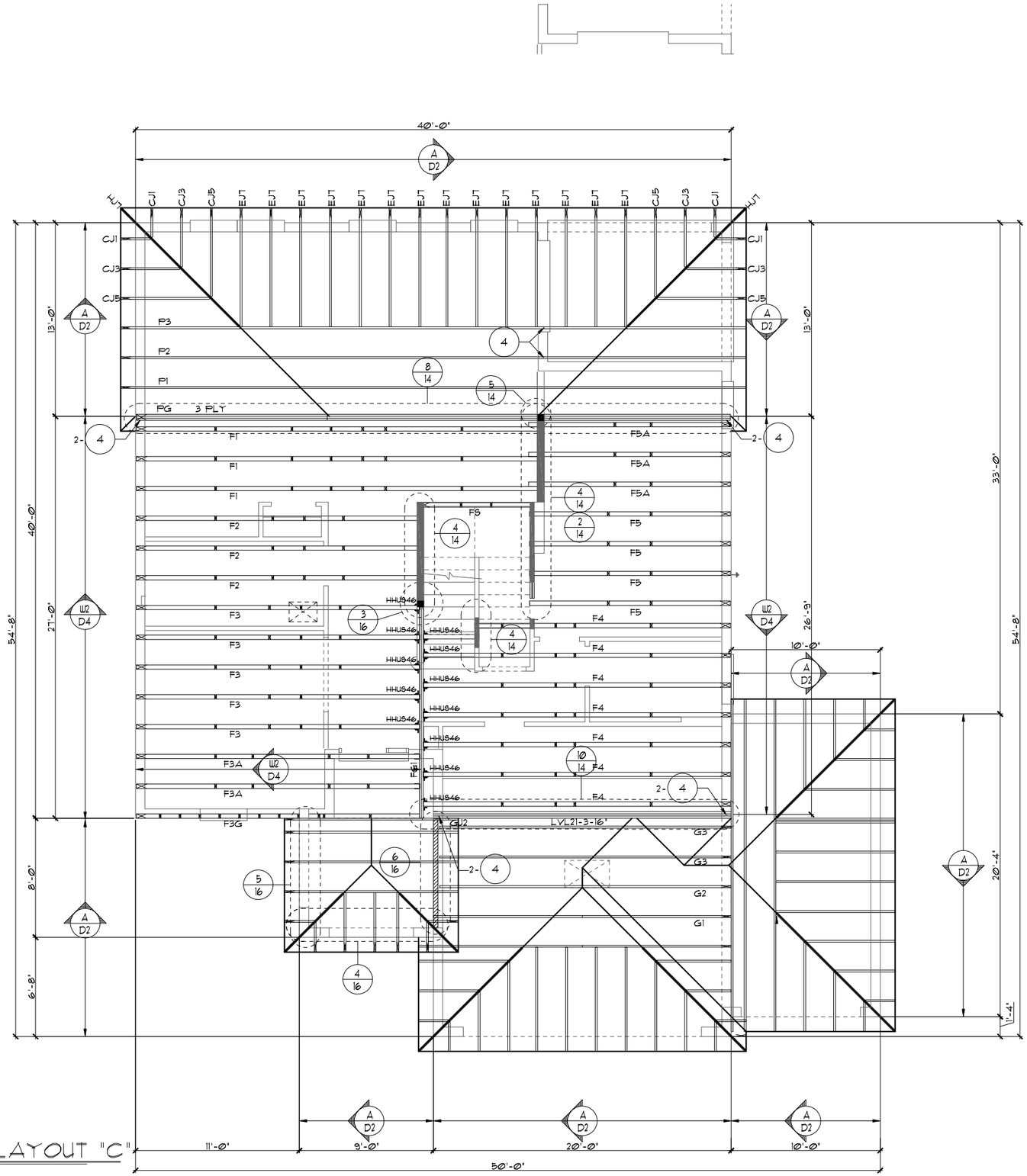

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2382 THE PEMBROKE

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OF	SHEETS

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R806: 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: 1,962 S.F. / 300 = 6.54 S.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:------- 3.37S.F.
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .97S.F. /VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:------- 7.54 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(86.67LF. @ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 44%
LOWER PORTION PERCENTAGE: 57%

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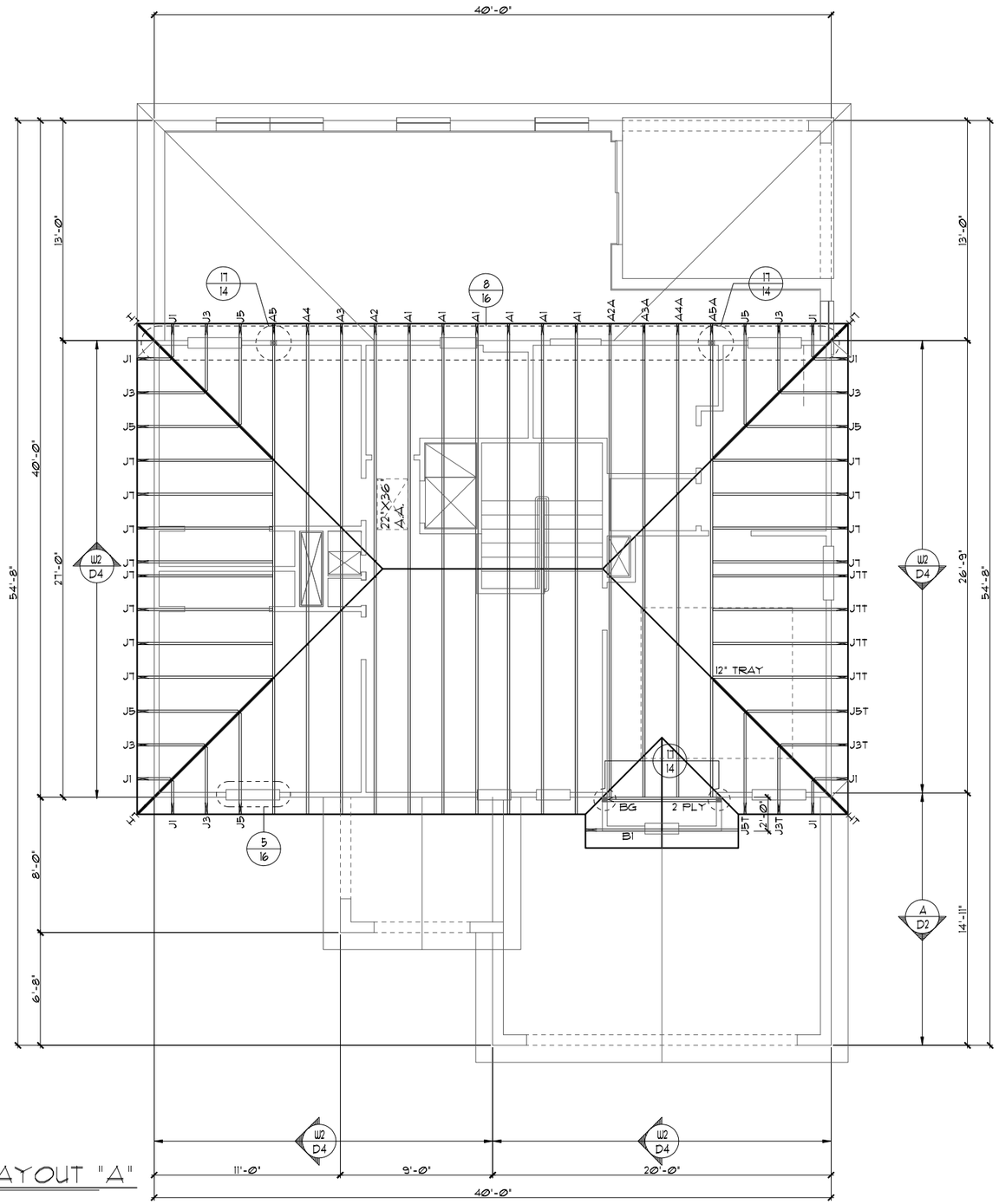

2ND. FLOOR TRUSS LAYOUT "A"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

TEG
THOMPSON ENGINEERING GROUP, INC
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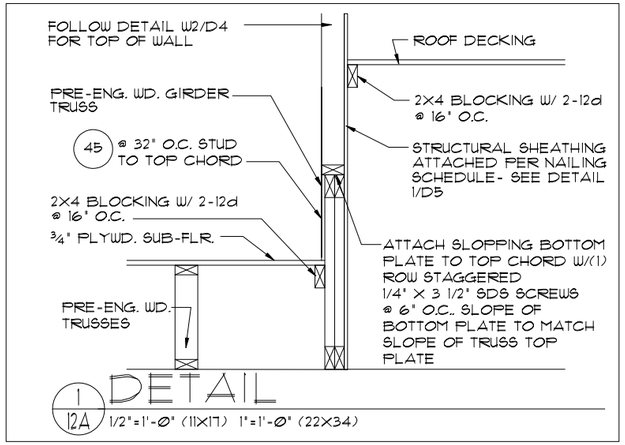
Orlando, Florida 32811
Phone: (407) 529 - 3000

Park Square HOMES

UPPER FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	12A
OF	SHEETS



NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** 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 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1

ATTIC VENTILATION CALCULATIONS

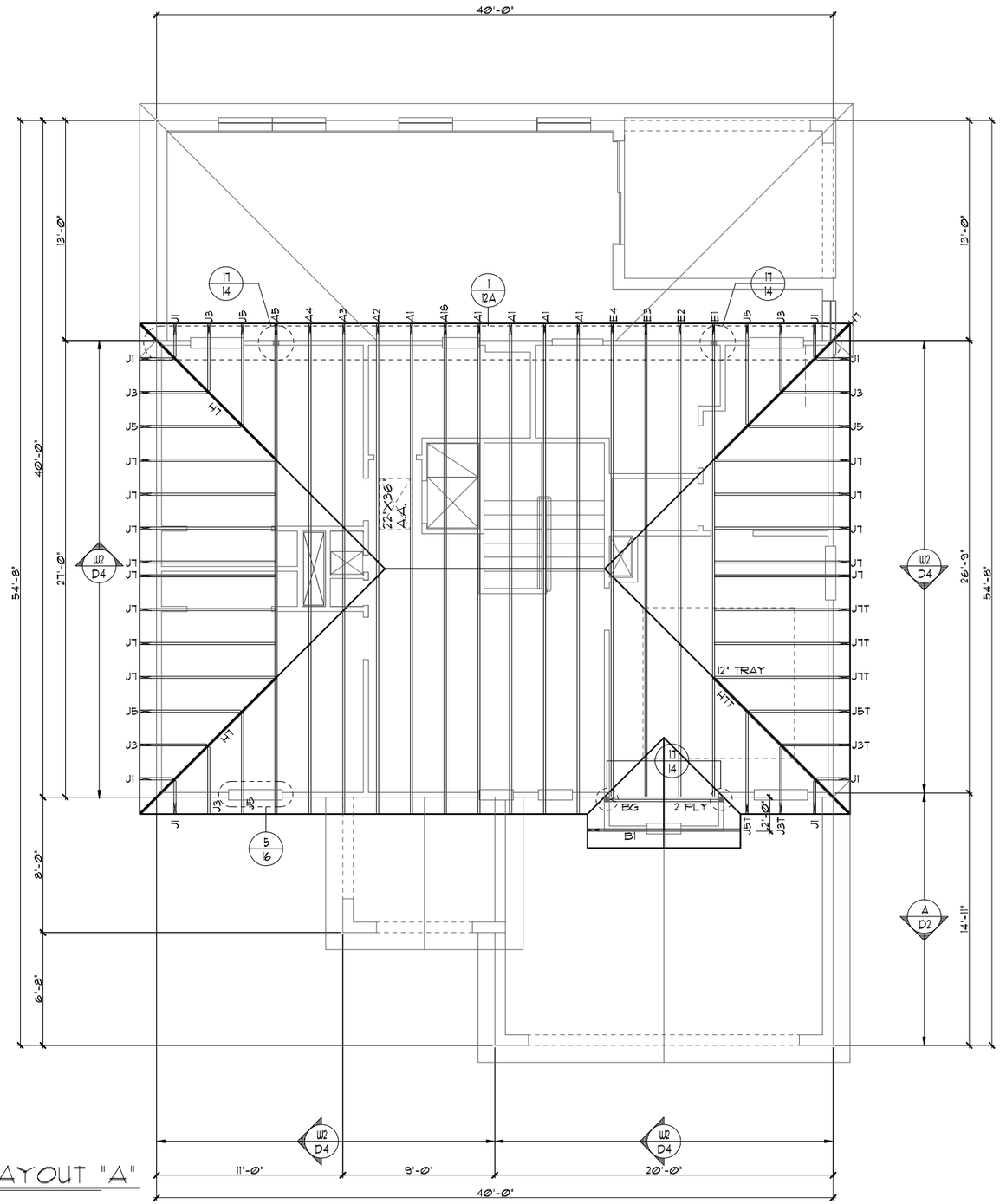
PER FBC2023 8TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 1,962 S.F. / 300 = 6.54 S.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:-------- 3.378S.F.
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .97S.F. /VENT.
(VENT TYPE: LOMANCO MODEL 'TTØ-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 7.54 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(86.67LF.@ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 44%
LOWER PORTION PERCENTAGE: 57%



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Park Square HOMES

2382 THE PEMBROKE

UPPER FLOOR TRUSS LAYOUT

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	12A
OF	SHEETS

ATTIC VENTILATION CALCULATIONS

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

TOTAL VENTED SPACE: 1,962 S.F. / 300 = 6.54 S.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:-------- 3.37S.F.
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .97S.F. /VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 7.54 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(86.67LF.@ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 44%
LOWER PORTION PERCENTAGE: 57%

NOTES

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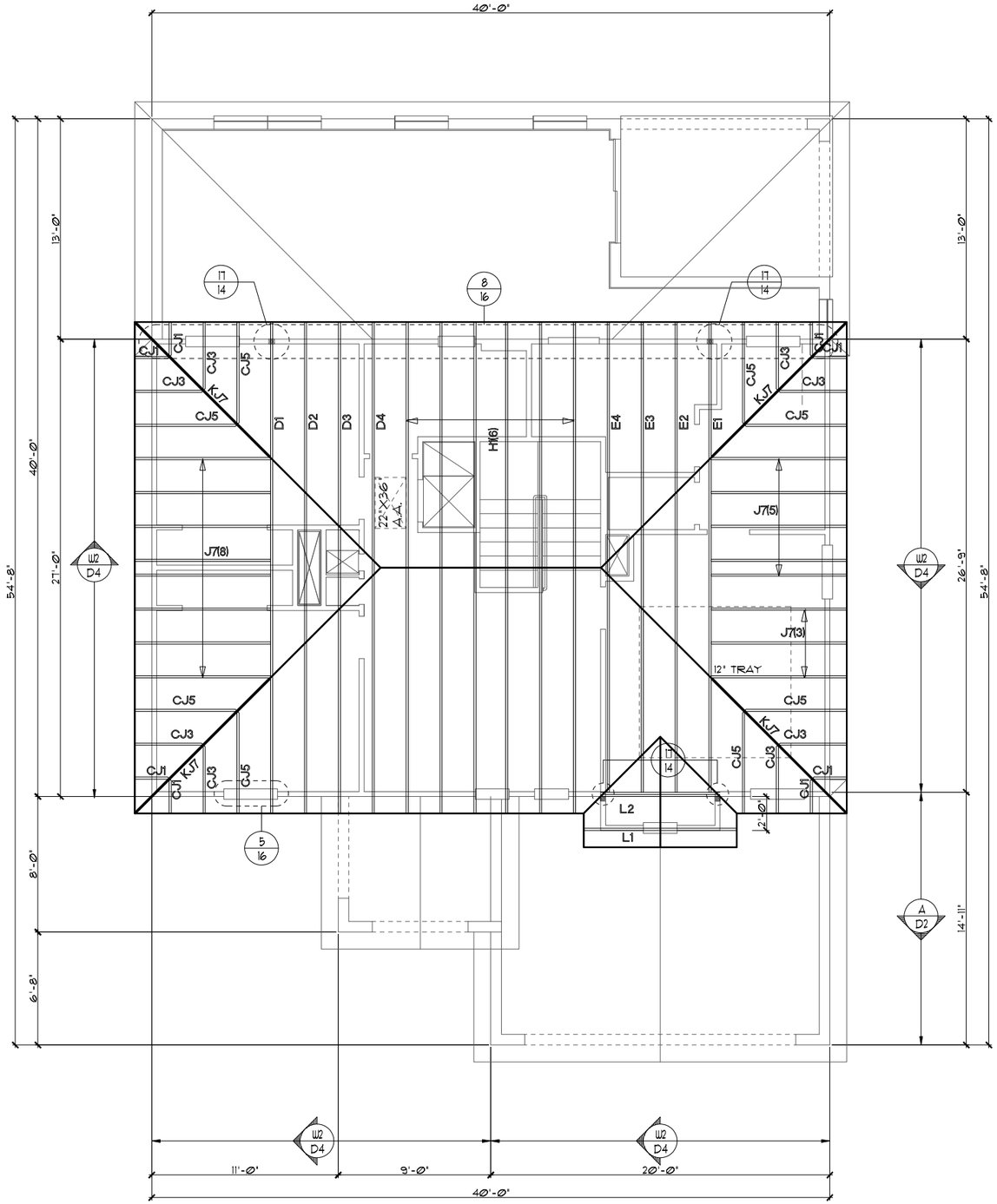
8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



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Park Square HOMES

UPPER FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	12A
OF	SHEETS

ATTIC VENTILATION CALCULATIONS

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TOTAL VENTED SPACE: 1,962 S.F. / 300 = 6.54 S.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:-------- 3.37 S.F.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .97 S.F. /VENT.
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:-------- 7.54 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:
(86.67 L.F.@ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 44%
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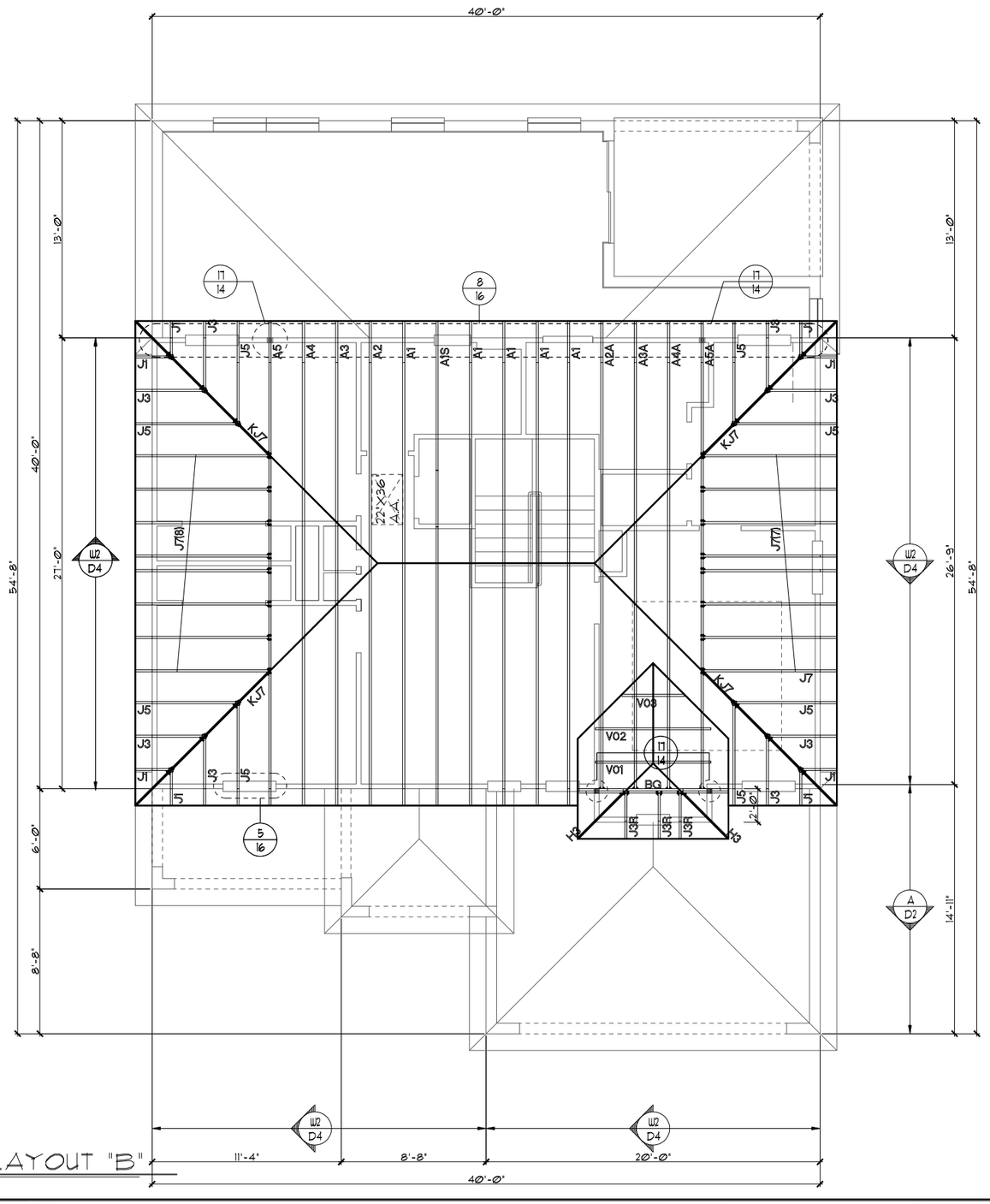

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UPPER FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	12B
OF	SHEETS

ATTIC VENTILATION CALCULATIONS

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(VENT TYPE: O'HAGIN MODEL 'S')

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PROVIDED W/ VENTILATED SOFFITS @ EAVE:
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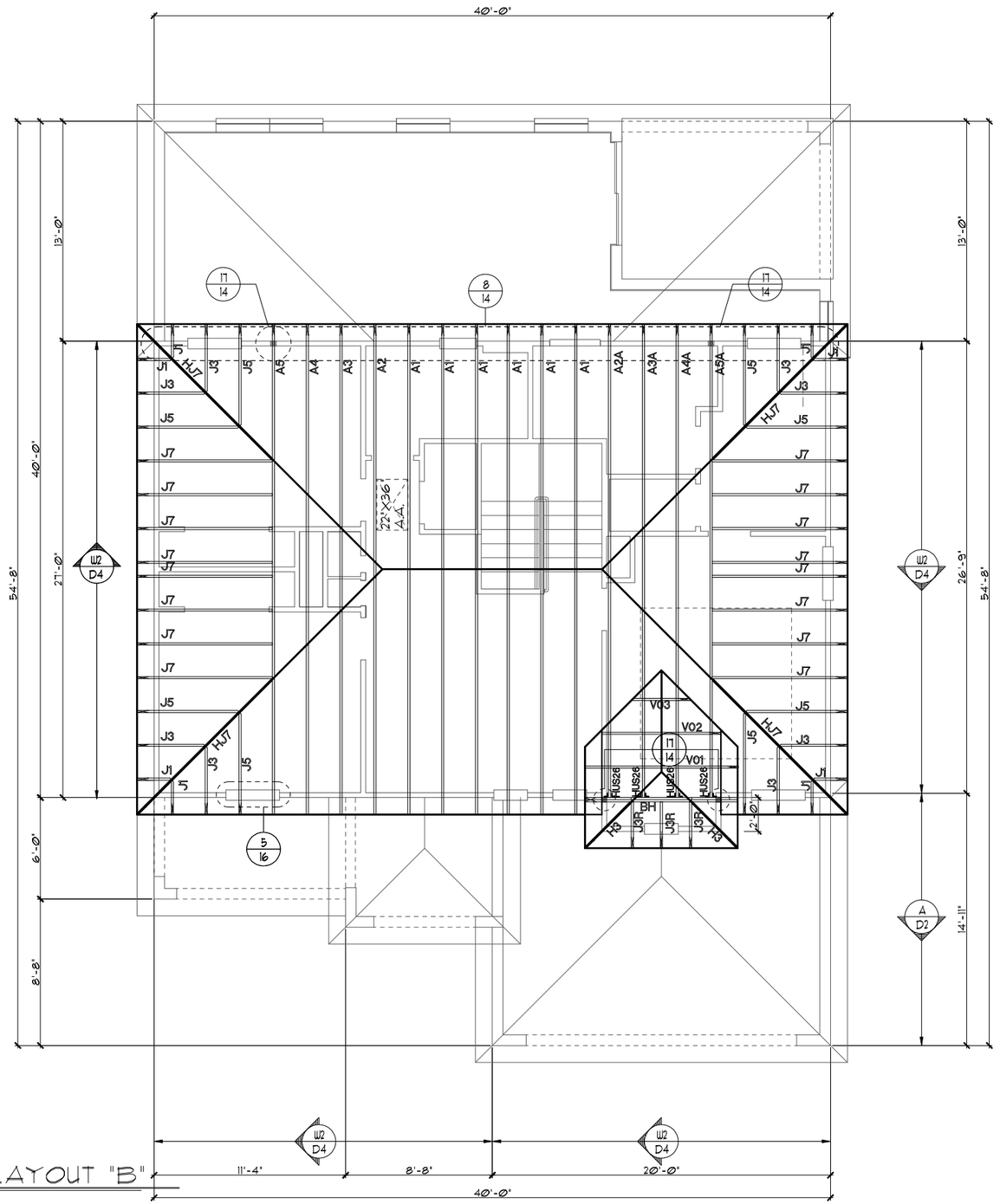

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UPPER FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
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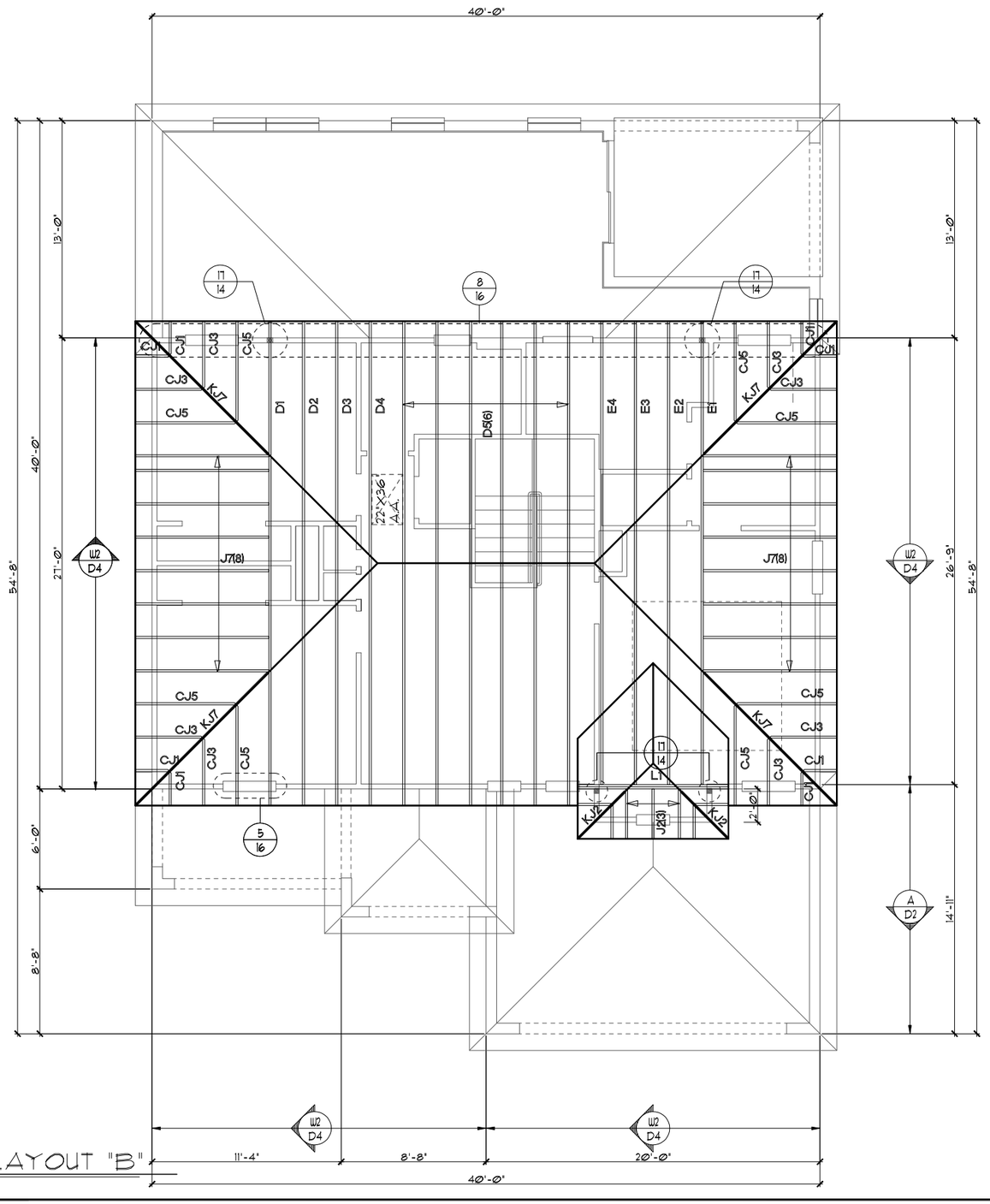

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UPPER FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
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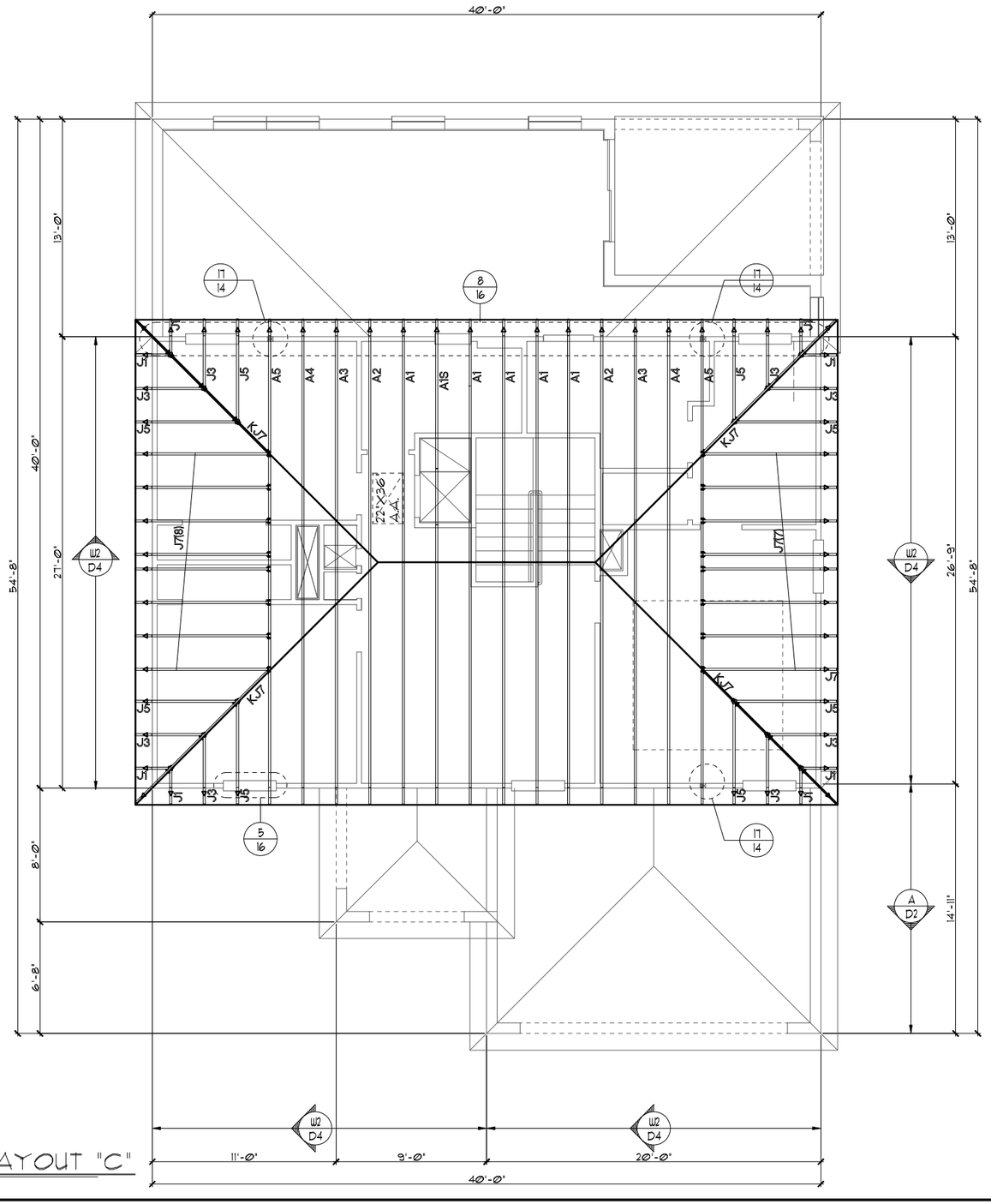

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Phone: (407) 529 - 3000

Park Square HOMES

UPPER FLOOR TRUSS LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	12C
OF	SHEETS

ATTIC VENTILATION CALCULATIONS

PER FBC2020 7TH EDITION R806: 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 1/150 OF VENTED SPACE:

TOTAL VENTED SPACE: 1,962 S.F. / 300 = 6.54 S.F. NET FREE VENT. REQUIRED

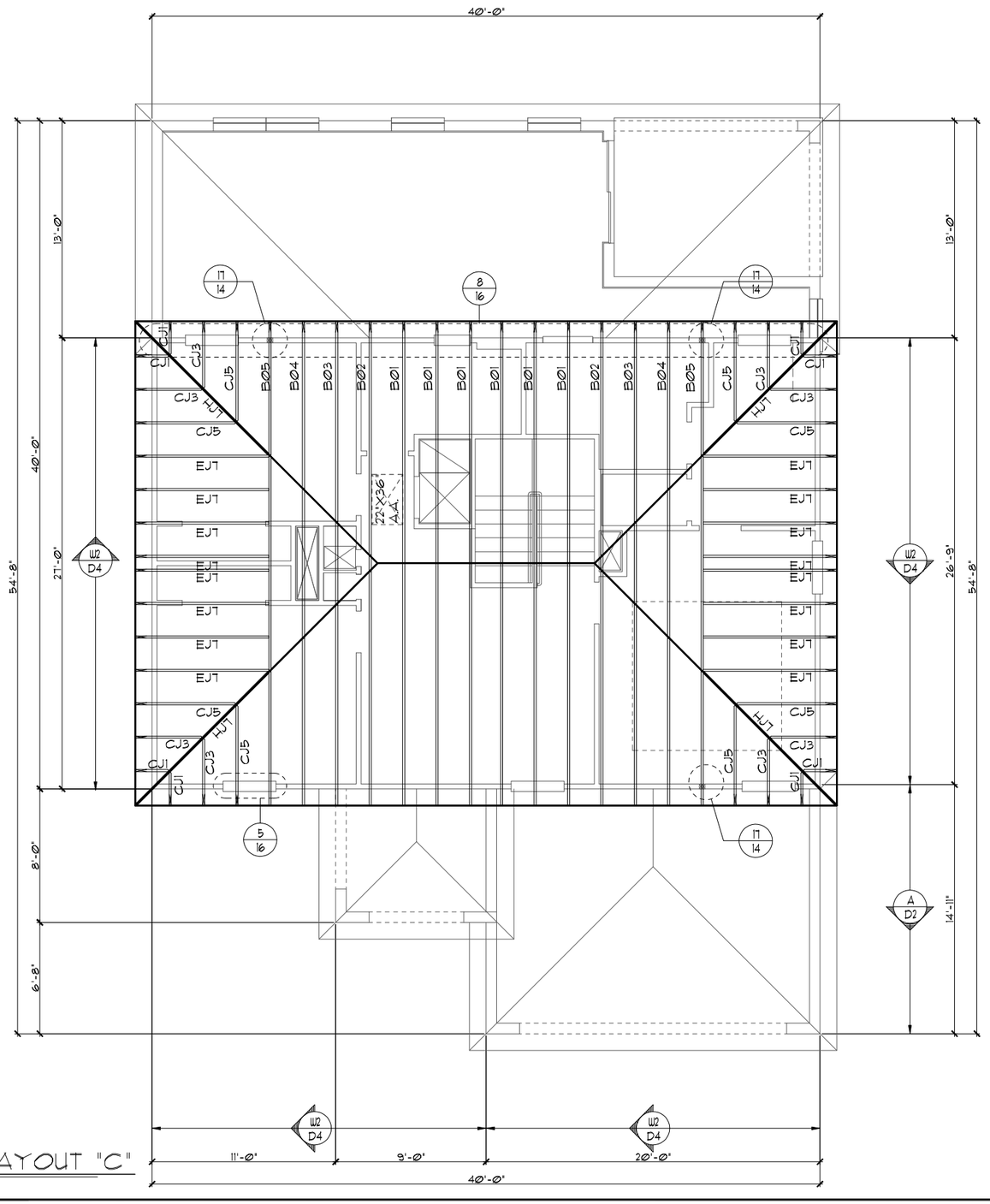
UPPER PORTION VENTILATION TOTAL:-------- 3.37 S.F.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .97 S.F. /VENT.
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:-------- 7.54 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:
(86.67 L.F.@ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 44%
LOWER PORTION PERCENTAGE: 57%

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" 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 7TH EDITION (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 BCSI 1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 7TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 ot Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



2ND. FLOOR TRUSS LAYOUT "C"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

THOMPSON ENGINEERING GROUP, INC
4431 Vineland Road Suite A9 Orlando, FL 32811
Ph: (407) 734-1760
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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529 - 3000

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UPPER FLOOR TRUSS LAYOUT

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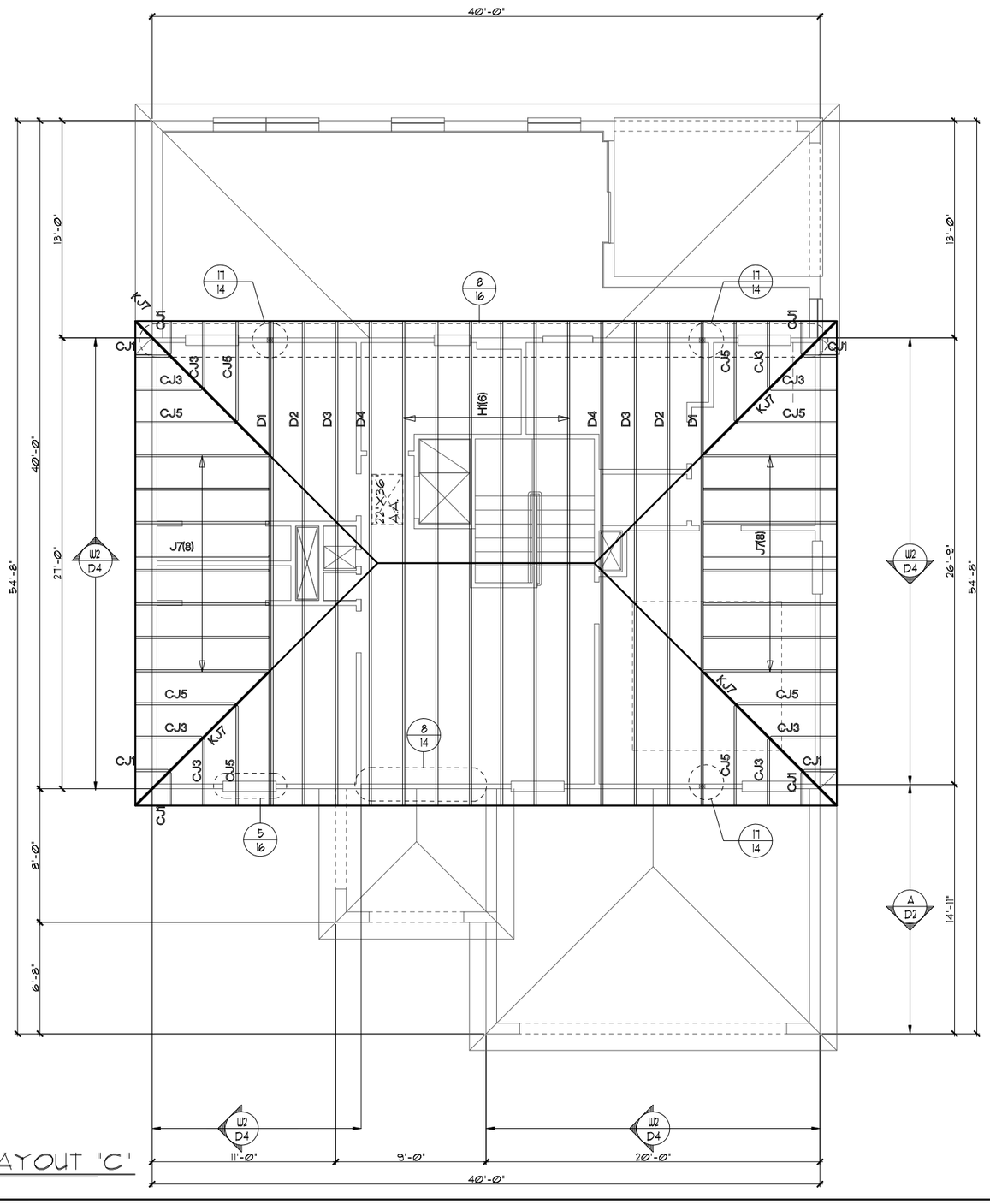

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SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

GRAVITY

LENGTH \ TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10"(34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
		3166	4473	6039	7526	9004	10472	11936
3'-6" (42") PRECAST	2302	3138	3977	4685	6001	7315	8630	9947
		3166	4473	6039	7526	9004	10472	11936
4'-0" (48") PRECAST	2029	2329	2496	3467	4438	5410	6384	7358
		2646	4473	6039	7526	9004	10472	11936
4'-6" (54") PRECAST	1651	1781	1913	2657	3403	4149	4896	5644
		2170	4027	6039	7526	9004	10472	9668
5'-4" (64") PRECAST	1184	1223	1301	1809	2317	2826	3336	3846
		1663	2889	5061	6956	5400	6424	7450
5'-10"(70") PRECAST	972	1060	1095	1414	1888	2304	2721	3137
		1459	2464	4144	5458	4437	5280	6122
6'-6"(78") PRECAST	937	1255	2101	3263	2746	3358	3971	4585
		1255	2101	3396	5260	7134	8995	6890
7'-6" (90") PRECAST	767	1029	1675	2385	1984	2438	2886	3333
		1029	1675	2610	3839	5596	6613	5047
9'-4" (112") PRECAST	573	632	1049	1469	1210	1482	1754	2027
		768	1212	1818	2544	3469	4030	3127
10'-6"(126") PRECAST	456	482	802	1125	915	1122	1328	1535
		658	1025	1514	2081	2774	3130	2404
11'-4" (136") PRECAST	445	598	935	1365	1884	2355	1793	2075
		598	935	1365	1884	2441	3155	4044
12'-0"(144") PRECAST	414	545	864	1254	1693	2874	1510	1818
		555	864	1254	1693	2211	2832	3590
13'-4"(160") PRECAST	362	427	726	1028	1331	1635	1224	1418
		485	748	1076	1438	1885	2343	2820
14'-0"(168") PRECAST	338	381	648	918	1190	1462	1081	1260
		459	700	1003	1335	1714	2153	2666
14'-8"(176") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		465	769	1370	2045	2610	3185	3765
15'-4"(184") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		420	695	1250	1855	2370	2850	3410
17'-4"(208")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		310	530	950	1400	1800	2200	2600
19'-4"(232") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		240	400	750	1090	1400	1720	2030
21'-4"(256")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		183	330	610	940	1340	1780	2140
22'-0"(264")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		160	300	570	870	1250	1660	1970
24'-0"(288")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		130	240	470	720	1030	1350	1610

8" PRECAST & PRESTRESSED U-LINTELS

UPLIFT

LENGTH \ TYPE	8F8-1T / 8F8-2T	8F12-1T / 8F12-2T	8F16-1T / 8F16-2T	8F20-1T / 8F20-2T	8F24-1T / 8F24-2T	8F28-1T / 8F28-2T	8F32-1T / 8F32-2T	LATERAL 8U8	LATERAL 8F8
2'-10"(34") PRECAST	2727	2878	4101	5332	6563	7811	9055	2021	2021
	2727	2784	3581	5150	6407	7630	8851		
3'-6" (42") PRECAST	2165	2289	3260	4237	5215	6204	7192	1257	1257
	2165	2215	3165	4125	5091	6061	7036		
4'-0" (48") PRECAST	1818	1988	2832	3680	4532	5387	6245	938	938
	1818	1925	2750	3583	4422	5264	6110		
4'-6" (54") PRECAST	1660	1762	2507	3251	4010	4767	5525	727	727
	1660	1709	2439	3171	3913	4658	5406		
5'-4" (64") PRECAST	1393*	1484	2110	2741	3375	4010	4648	505	505
	1393	1437	2050	2670	3293	3920	4549		
5'-10"(70") PRECAST	1272*	1357	1930	2505	3084	3665	4247	418	418
	1272	1315	1875	2441	3010	3583	4157		
6'-6"(78") PRECAST	1141*	1200	1733	2250	2769	3290	3812	707	887
	1141	1182	1684	2192	2703	3216	3732		
7'-6" (90") PRECAST	959*	912	1475	1914	2354	2797	3240	591	651
	959	1029	1466	1907	2351	2797	3245		
9'-4" (112") PRECAST	801*	612	980	1269	1560	1852	2144	454	630
	801	755	1192	1550	1910	2271	2634		
10'-6"(126") PRECAST	716*	498	793	1027	1261	1496	1731	396	493
	716	611	1033	1389	1711	2034	2358		
11'-4" (136") PRECAST	666*	439	696	893	1104	1309	1515	363	556
	666	535	905	1295	1595	1896	2198		
12'-0"(144") PRECAST	607*	400	631	816	1001	1186	1372	340	494
	631	486	818	1203	1514	1799	2086		
13'-4"(160") PRECAST	500*	340	532	686	841	997	1153	302	398
	513	408	682	1004	1367	1631	1891		
14'-0"(168") PRECAST	458*	316	493	635	778	922	1065	286	360
	548	378	629	922	1254	1567	1816		
14'-8"(176") PRESTRESSED	243	295	459	591	724	857	990	N.R.	351
	243	352	582	852	1156	1491	1742		
15'-4"(184") PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
	228	328	542	791	1072	1381	1616		
17'-4" (208")PRESTRESSED	188	236	361	464	567	670	774	N.R.	255
	188	276	449	649	874	1121	1388		
19'-4" (232") PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
	165	238	383	550	736	940	1160		
21'-4" (256")PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
	142	212	336	471	635	801	983		
22'-0"(264")PRESTRESSED	140	180	268	343	418	493	568	N.R.	161
	131	205	322	457	601	771	941		
24'-0"(288") PRESTRESSED	127	165	244	312	380	447	515	N.R.	135
	124	186	290	408	538	680	833		

*REDUCE VALUE BY 29% FOR GRADE 40 FIELD REBAR

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

GRAVITY

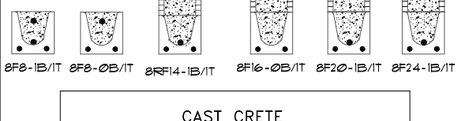
LENGTH \ TYPE	8RU6	8RF6-0B / 8RF6-1B	8RF10-0B / 8RF10-1B	8RF14-0B / 8RF14-1B	8RF18-0B / 8RF18-1B	8RF22-0B / 8RF22-1B	8RF26-0B / 8RF26-1B	8RF30-0B / 8RF30-1B
4'-4" (52") PRECAST	1489	1591	3053	2982	3954	4928	5904	6880
		1827	3412	4982	6472	7947	9416	10878
4'-6" (54") PRECAST	1351	1449	2782	2714	36090	4481	5375	6264
		1702	3412	4982	6472	7947	9416	10878
5'-8" (68") PRECAST	1189	832	1602	1550	2058	2566	3075	3585
		1153	2162	4074	6472	6516	5814	6839
5'-10" (70") PRECAST	1139	778	1500	1449	1924	2400	2876	3352
		1103	2051	3811	6472	6516	5450	6411
6'-8" (80") PRECAST	972	907	1671	2933	2516	3223	3872	4522
		907	1671	2933	4100	6130	8171	6761
7'-6" (90") PRECAST	863	761	1371	2252	1958	2451	2944	3439
		764	1371	2329	3603	5492	6624	5132
9'-8" (116") PRECAST	671	420	834	1253	1671	1342	1614	1886
		535	928	1491	2179	2618	3595	2815

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

UPLIFT

LENGTH \ TYPE	8RF6-1T / 8RF6-2T	8RF10-1T / 8RF10-2T	8RF14-1T / 8RF14-2T	8RF18-1T / 8RF18-2T	8RF22-1T / 8RF22-2T	8RF26-1T / 8RF26-2T	8RF30-1T / 8RF30-2T	LATERAL 8RU6	LATERAL 8RF6
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
	1244	1518	2339	3170	4008	4850	5696		
4'-6" (54") PRECAST	1192	1507	2311	3121	3931	4736	5577	893	893
	1192	1455	2240	3036	3831	4643	5453		
5'-8" (68") PRECAST	1024	1172	1795	2423	3055	3689	4329	801	801
	1024	1132	1741	2357	2978	3603	4230		
5'-10" (70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469
	896	1098	1690	2288	2891	3491	4106		
6'-8" (80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
	778	856	1468	1987	2509	3035	3563		
7'-6" (90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941
	688	849	1302	1762	2225	2690	3157		
9'-8" (116") PRECAST	533*	433	808	1123	1413	1704	1998	516	614
	533	527	1009	1369	1728	2088	2450		

*REDUCE VALUE BY 15% FOR GRADE 40 FIELD REBAR



CAST CRETE
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F32-1B/1T	GARAGE DOOR
L 2	4'-6"	8F16-0B/1T	3/4X1/4 F.G.
L 3			
L 4	4'-6"	8F16-0B/1T	SH25
L 5	7'-6"	8F16-0B/1T	6/0XB/0 S.G.D.
L 6	9'-4"	8F16-0B/1T	REAR LANAI
L 7	12'-4"	8F16-0B/1T	REAR LANAI
L 8	4'-6"	8F16-0B/1T	SH25
L 9	4'-6"	8F16-0B/1T	SH25
L 10	7'-6"	8F16-0B/1T	FR. SH25
L 11	4'-6"	8F16-0B/1T	SH25
L 12	5'-10"	8RF12-0B/1T	FRONT DOOR
L 13	7'-6"	8F56-1B/1T	FRONT ENTRY
L 14	7'-6"	8F36-0B/1T	FRONT ENTRY
L 15			
L 16			
L 17			
L 18			
L 19			
L 20	7'-6"	8F16-0B/1T	OPT. 6/0XB/0 S.G.D.
L 21			
L 22			
L 23			
L 24			
L 25	9'-4"	8F32-1B/1T	GARAGE DOOR
L 26	14'-0"	8F16-1B/1T	GARAGE
L 27	4'-4"	8R34-1B/1T	GARAGE SERV. DR.
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
L 36			
L 37			
L 38			
L 39			

MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. T/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

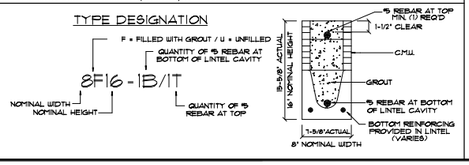
GENERAL NOTES

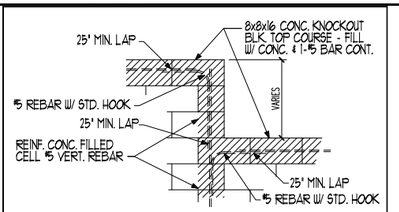
1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 11'-4" and longer with a nominal height of 8" meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. T/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

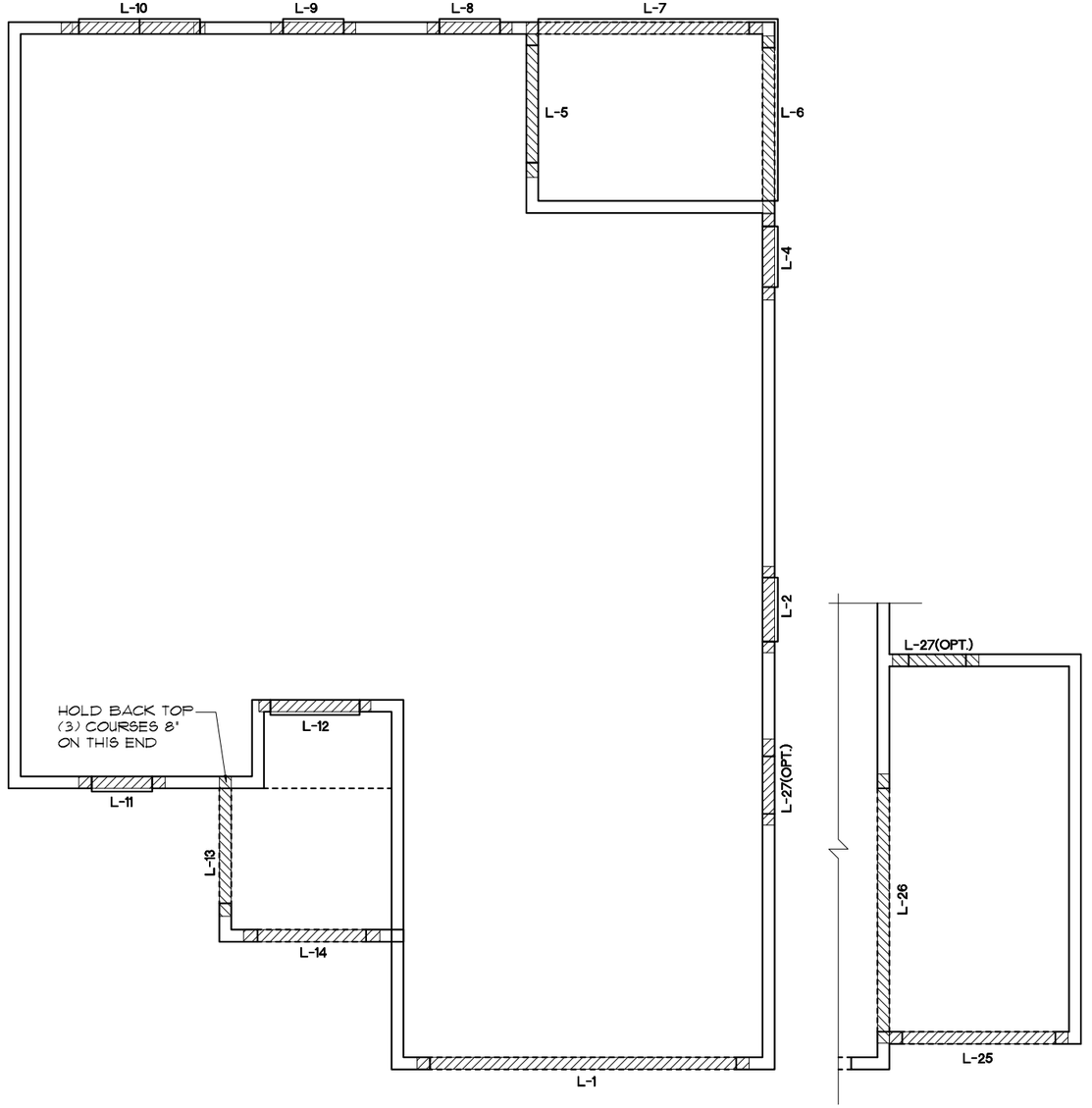
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
7. The designer may evaluate concentrated loads from the safe load tables by calculating the max. resisting moment and shear at di-dusty from the face of support.
8. For composite lintel heights not shown, use safe load from next lower height.
9. All safe loads in units of pounds per linear foot.

TYPE DESIGNATION





BLOCK WALL HT. TRANSITION DETAIL



PRE CAST LINTEL LAYOUT "A"

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

3-CAR GAR. OPTION

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000 COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

TEG
THOMPSON ENGINEERING GROUP, INC
4901 Vineland Road, Suite A9 Orlando, FL. 32811
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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529 - 3000

PRE CAST LINTEL LAYOUT

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	13A
OF	SHEETS

SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

GRAVITY

LENGTH \ TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10"(34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
		3166	4473	6039	7526	9004	10472	11936
3'-6" (42") PRECAST	2302	3138	3977	4685	6001	7315	8630	9947
		3166	4473	6039	7526	9004	10472	11936
4'-0" (48") PRECAST	2029	2329	2496	3467	4438	5410	6384	7358
		2646	4473	6039	7526	9004	10472	11936
4'-6" (54") PRECAST	1651	1781	1913	2657	3403	4149	4896	5644
		2170	4027	6039	7526	9004	10472	9668
5'-4" (64") PRECAST	1184	1223	1301	1809	2317	2826	3336	3846
		1663	2889	5091	6296	5400	6424	7450
5'-10"(70") PRECAST	972	1060	1095	1414	1888	2304	2721	3137
		1459	2464	4144	5458	4437	5280	6122
6'-6"(78") PRECAST	937	1255	2101	3263	2746	3358	3971	4585
		1255	2101	3396	5260	7134	8995	6890
7'-6" (90") PRECAST	767	1029	1675	2385	1984	2438	2886	3333
		1029	1675	2610	3839	5596	6613	5047
9'-4" (112") PRECAST	573	632	1049	1469	1210	1482	1754	2027
		768	1212	1818	2544	3469	4030	3127
10'-6"(126") PRECAST	456	482	802	1125	915	1122	1328	1535
		658	1025	1514	2081	2774	3130	2404
11'-4" (136") PRECAST	445	598	935	1365	1884	2355	1793	2075
		598	935	1365	1884	2441	3155	4044
12'-0"(144") PRECAST	414	545	864	1254	1693	2874	1510	1818
		555	864	1254	1693	2211	2832	3590
13'-4"(160") PRECAST	362	427	726	1028	1331	1635	1224	1418
		485	748	1076	1438	1885	2343	2820
14'-0"(168") PRECAST	338	381	648	918	1190	1462	1081	1260
		459	700	1003	1335	1714	2153	2666
14'-8"(176") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		465	769	1370	2045	2610	3185	3765
15'-4"(184") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		420	695	1250	1855	2370	2850	3410
17'-4"(208")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		310	530	950	1400	1800	2200	2600
19'-4"(232") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		240	400	750	1090	1400	1720	2030
21'-4"(256")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		183	330	610	940	1340	1780	2140
22'-0"(264")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		160	300	570	870	1250	1660	1970
24'-0"(288")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		130	240	470	720	1030	1350	1610

8" PRECAST & PRESTRESSED U-LINTELS

UPLIFT

LENGTH \ TYPE	8F8-1T / 8F8-2T	8F12-1T / 8F12-2T	8F16-1T / 8F16-2T	8F20-1T / 8F20-2T	8F24-1T / 8F24-2T	8F28-1T / 8F28-2T	8F32-1T / 8F32-2T	LATERAL 8U8	LATERAL 8F8
2'-10"(34") PRECAST	2727	2878	4101	5332	6563	7811	9055	2021	2021
	2727	2784	3581	5150	6407	7630	8851		
3'-6" (42") PRECAST	2165	2289	3260	4237	5215	6204	7192	1257	1257
	2165	2215	3165	4125	5091	6061	7036		
4'-0" (48") PRECAST	1818	1988	2832	3680	4532	5387	6245	938	938
	1818	1925	2750	3583	4422	5264	6110		
4'-6" (54") PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727
	1660	1709	2439	3171	3913	4658	5406		
5'-4" (64") PRECAST	1393	1484	2110	2741	3375	4010	4648	505	505
	1393	1437	2050	2670	3293	3920	4549		
5'-10"(70") PRECAST	1272	1357	1930	2505	3084	3665	4247	418	418
	1272	1315	1875	2441	3010	3583	4157		
6'-6"(78") PRECAST	1141	1200	1733	2250	2769	3290	3812	707	887
	1141	1182	1684	2192	2703	3216	3732		
7'-6" (90") PRECAST	959	912	1475	1914	2354	2797	3240	591	657
	959	1029	1466	1907	2351	2797	3245		
9'-4" (112") PRECAST	801	612	980	1269	1560	1852	2144	454	630
	801	755	1192	1550	1910	2271	2634		
10'-6"(126") PRECAST	716	498	793	1027	1261	1496	1731	396	493
	716	611	1033	1389	1711	2034	2358		
11'-4" (136") PRECAST	666	439	696	893	1104	1309	1515	363	556
	666	535	905	1295	1595	1896	2198		
12'-0"(144") PRECAST	601	400	631	816	1001	1186	1372	340	494
	631	486	818	1203	1514	1799	2086		
13'-4"(160") PRECAST	500	340	532	686	841	997	1153	302	398
	513	408	682	1004	1367	1631	1891		
14'-0"(168") PRECAST	458	316	493	635	778	922	1065	286	360
	548	378	629	922	1254	1567	1816		
14'-8"(176") PRESTRESSED	243	295	459	591	724	857	990	N.R.	351
	243	352	582	852	1156	1491	1742		
15'-4"(184") PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
	228	329	542	791	1072	1381	1616		
17'-4" (208")PRESTRESSED	188	236	361	464	567	670	774	N.R.	255
	188	276	449	649	874	1121	1388		
19'-4" (232") PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
	165	238	383	550	736	940	1160		
21'-4" (256")PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
	142	212	336	471	635	801	983		
22'-0"(264")PRESTRESSED	140	180	268	343	418	493	568	N.R.	161
	131	205	322	457	601	771	941		
24'-0"(288")PRESTRESSED	127	165	244	312	380	447	515	N.R.	135
	124	186	290	408	538	680	833		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

GRAVITY

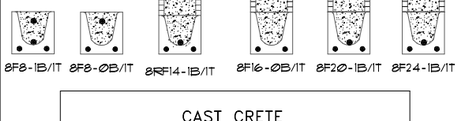
LENGTH \ TYPE	8RU6	8RF6-0B / 8RF6-1B	8RF10-0B / 8RF10-1B	8RF14-0B / 8RF14-1B	8RF18-0B / 8RF18-1B	8RF22-0B / 8RF22-1B	8RF26-0B / 8RF26-1B	8RF30-0B / 8RF30-1B
4'-4" (52") PRECAST	1489	1591	3053	2982	3954	4928	5904	6880
		1827	3412	4982	6472	7947	9416	10878
4'-6" (54") PRECAST	1351	1449	2782	2714	36.00	4481	5375	6264
		1702	3412	4982	6472	7947	9416	10878
5'-8" (68") PRECAST	1189	832	1602	1550	2058	2566	3075	3585
		1153	2162	4074	6472	6516	5814	6839
5'-10" (70") PRECAST	1139	778	1500	1449	1924	2400	2876	3352
		1503	2091	3811	6472	6516	5450	6411
6'-8" (80") PRECAST	972	907	1671	2933	2516	3223	3872	4522
		907	1671	2933	4100	6130	8171	6701
7'-6" (90") PRECAST	863	761	1371	2252	1958	2451	2944	3439
		764	1371	2329	3603	5492	6624	5132
9'-8" (116") PRECAST	671	420	834	1253	1671	1342	1614	1886
		535	928	1481	2179	2618	3595	2815

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

UPLIFT

LENGTH \ TYPE	8RF6-1T / 8RF6-2T	8RF10-1T / 8RF10-2T	8RF14-1T / 8RF14-2T	8RF18-1T / 8RF18-2T	8RF22-1T / 8RF22-2T	8RF26-1T / 8RF26-2T	8RF30-1T / 8RF30-2T	LATERAL 8RU6	LATERAL 8RF6
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
	1244	1518	2339	3170	4008	4850	5696		
4'-6" (54") PRECAST	1192	1507	2311	3121	3931	4736	5577	893	893
	1192	1455	2240	3036	3831	4643	5453		
5'-8" (68") PRECAST	1024	1112	1795	2423	3055	3689	4329	801	801
	1024	1132	1741	2357	2978	3603	4230		
5'-10" (70") PRECAST	896	1138	1742	2352	2965	3581	4198	693	693
	896	1093	1690	2288	2891	3491	4106		
6'-8" (80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
	778	856	1468	1987	2509	3035	3563		
7'-6" (90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941
	688	849	1302	1762	2225	2690	3157		
9'-8" (116") PRECAST	533*	433	808	1123	1413	1704	1998	516	614
	533	527	1009	1369	1728	2088	2450		

*REDUCE VALUE BY 15% FOR GRADE 40 FIELD REBAR



CAST CRETE
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F32-1B/1T	GARAGE DOOR
L 2	4'-6"	8F16-0B/1T	3/4X1/4 F.G.
L 3			
L 4	4'-6"	8F16-0B/1T	SH25
L 5	7'-6"	8F16-0B/1T	6/0XB/0 S.G.D.
L 6	9'-4"	8F16-0B/1T	REAR LANAI
L 7	12'-4"	8F16-0B/1T	REAR LANAI
L 8	4'-6"	8F16-0B/1T	SH25
L 9	4'-6"	8F16-0B/1T	SH25
L 10	7'-6"	8F16-0B/1T	FR. SH25
L 11	4'-6"	8F16-0B/1T	SH25
L 12	5'-10"	8RF12-0B/1T	FRONT DOOR
L 13	6'-6"	8F16-0B/1T	FRONT ENTRY
L 14	11'-4"	8F16-0B/1T	FRONT ENTRY
L 15	6'-6"	8F44-1B/1T	FRONT ENTRY
L 16	7'-6"	8F36-0B/1T	FRONT ENTRY
L 17			
L 18			
L 19			
L 20	7'-6"	8F16-0B/1T	OPT. 6/0XB/0 S.G.D.
L 21			
L 22			
L 23			
L 24			
L 25	9'-4"	8F32-1B/1T	GARAGE DOOR
L 26	14'-0"	8F16-1B/1T	GARAGE
L 27	4'-4"	8R34-1B/1T	GARAGE SERV. DR.
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
L 36			
L 37			
L 38			
L 39			

MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. T/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

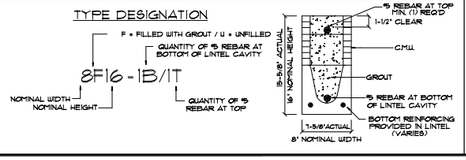
GENERAL NOTES

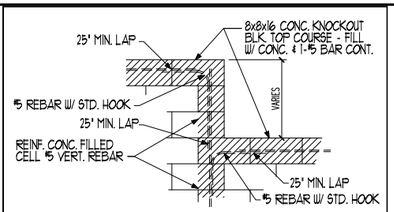
1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 11'-4" and longer with a nominal height of 8" meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. T/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

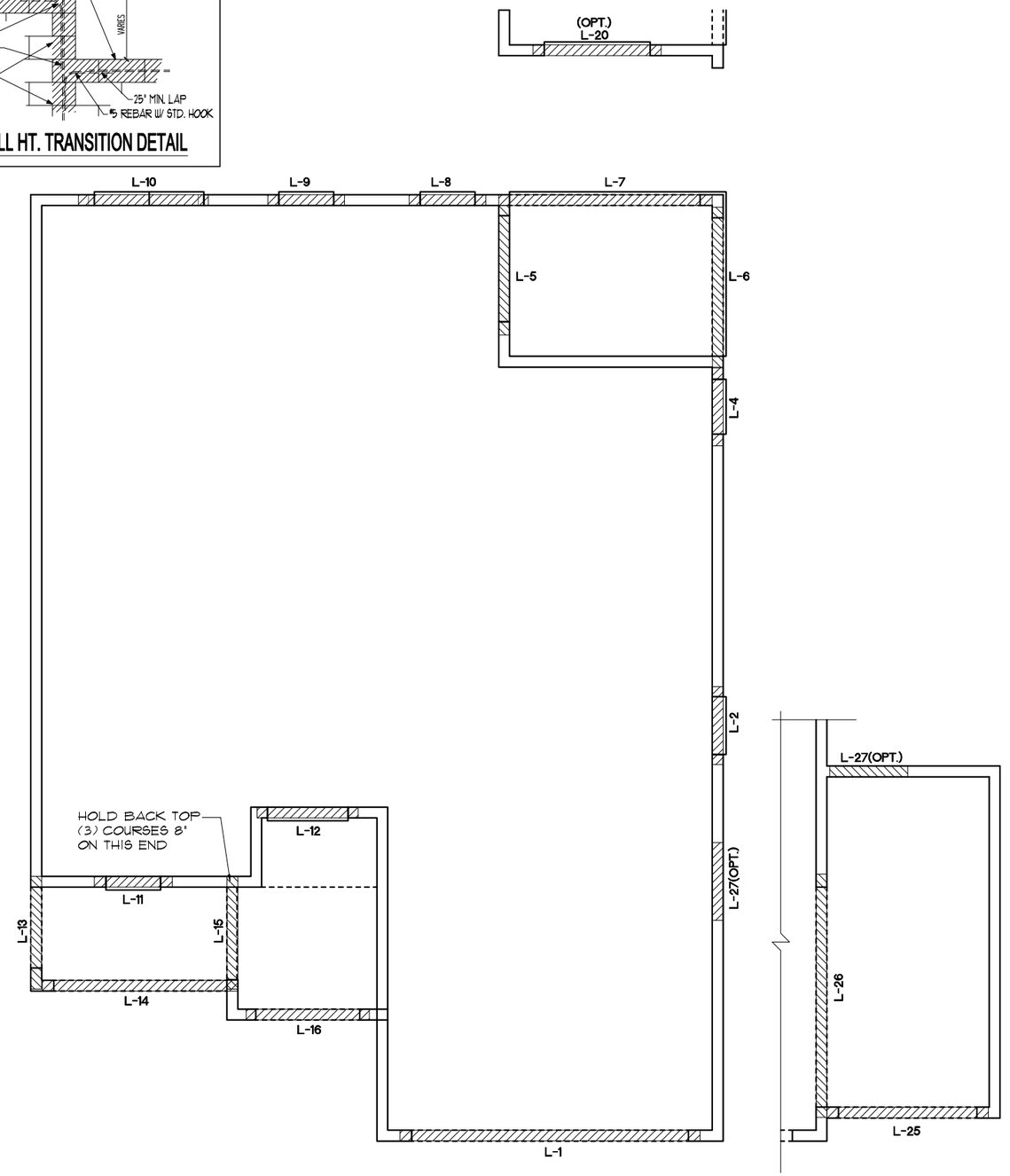
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
7. The designer may evaluate concentrated loads from the safe load tables by calculating the max. resisting moment and shear at di-stuby from the face of support.
8. For composite lintel heights not shown, use safe load from next lower height.
9. All safe loads in units of pounds per linear foot.

TYPE DESIGNATION





BLOCK WALL HT. TRANSITION DETAIL



PRE CAST LINTEL LAYOUT "B"

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

3-CAR GAR. OPTION

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

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05-16-19	JF

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2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	13B
OF	SHEETS

SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

GRAVITY

LENGTH \ TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10"(34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
		3166	4473	6039	7526	9004	10472	11936
3'-6" (42") PRECAST	2302	3138	3377	4689	6001	7315	8630	9947
		3166	4473	6039	7526	9004	10472	11936
4'-0" (48") PRECAST	2029	2329	2496	3467	4438	5410	6384	7358
		2646	4473	6039	7526	9004	10472	11936
4'-6" (54") PRECAST	1651	1781	1913	2657	3403	4149	4896	5644
		2170	4027	6039	7526	9004	10472	9668
5'-4" (64") PRECAST	1184	1223	1301	1809	2317	2826	3336	3846
		1665	2889	5091	6956	5400	6424	7450
5'-10"(70") PRECAST	972	1060	1095	1414	1889	2364	2721	3137
		1459	2464	4144	5458	4437	5280	6122
6'-6"(78") PRECAST	837	1255	2101	3263	2746	3358	3971	4585
		1255	2101	3396	5260	7134	8995	6890
7'-6" (90") PRECAST	767	1029	1675	2385	1994	2439	2886	3333
		1029	1675	2610	3839	5596	6613	5047
9'-4" (112") PRECAST	573	632	1049	1469	1210	1482	1754	2027
		768	1212	1818	2544	3469	4030	3127
10'-6"(126") PRECAST	456	482	802	1125	915	1122	1328	1535
		658	1075	1514	2081	2774	3130	2404
11'-4" (136") PRECAST	445	598	935	1365	1884	2355	1793	2075
		598	935	1365	1884	2441	3155	4044
12'-0"(144") PRECAST	414	545	864	1254	1693	2874	1510	1818
		555	864	1254	1693	2211	2832	3590
13'-4"(160") PRECAST	362	427	726	1028	1331	1635	1224	1418
		485	748	1076	1438	1885	2343	2820
14'-0"(168") PRECAST	338	381	648	918	1190	1462	1081	1260
		459	700	1003	1335	1714	2153	2666
14'-8"(176") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		465	769	1370	2045	2610	3188	3765
15'-4"(184") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		420	695	1250	1855	2370	2892	3410
17'-4" (208")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		310	530	950	1400	1800	2200	2600
19'-4" (232") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		240	400	750	1090	1400	1720	2030
21'-4" (256")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		183	330	610	940	1340	1780	2140
22'-0"(264")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		160	300	570	870	1250	1660	1970
24'-0"(288")PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		130	240	470	720	1030	1350	1610

8" PRECAST & PRESTRESSED U-LINTELS

UPLIFT

LENGTH \ TYPE	8F8-1T / 8F8-2T	8F12-1T / 8F12-2T	8F16-1T / 8F16-2T	8F20-1T / 8F20-2T	8F24-1T / 8F24-2T	8F28-1T / 8F28-2T	8F32-1T / 8F32-2T	LATERAL 8U8	LATERAL 8F8
2'-10"(34") PRECAST	2727	2878	4101	5332	6563	7811	9055	2021	2021
	2727	2784	3581	5150	6407	7630	8857		
3'-6" (42") PRECAST	2165	2289	3260	4237	5215	6204	7192	1257	1257
	2165	2215	3165	4125	5091	6061	7036		
4'-0" (48") PRECAST	1818	1888	2832	3680	4532	5387	6245	938	938
	1818	1925	2750	3583	4422	5264	6110		
4'-6" (54") PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727
	1660	1709	2435	3171	3913	4658	5406		
5'-4" (64") PRECAST	1393*	1484	2110	2741	3375	4010	4648	505	505
	1393	1437	2050	2670	3293	3920	4549		
5'-10"(70") PRECAST	1272*	1357	1930	2505	3084	3665	4247	418	418
	1272	1315	1875	2441	3010	3583	4157		
6'-6"(78") PRECAST	1141*	1200	1733	2250	2769	3290	3812	707	887
	1141	1182	1684	2192	2703	3216	3732		
7'-6" (90") PRECAST	959*	912	1475	1914	2354	2797	3240	591	651
	959	1029	1466	1907	2351	2797	3245		
9'-4" (112") PRECAST	801*	612	980	1269	1560	1852	2144	454	630
	801	755	1192	1550	1910	2271	2634		
10'-6"(126") PRECAST	716*	498	793	1027	1261	1496	1731	396	493
	716	611	1039	1389	1711	2034	2358		
11'-4" (136") PRECAST	666*	439	696	893	1104	1309	1515	363	556
	666	535	905	1295	1595	1896	2198		
12'-0"(144") PRECAST	607*	400	631	816	1001	1186	1372	340	494
	631	486	818	1209	1514	1799	2086		
13'-4"(160") PRECAST	500*	340	532	686	841	997	1153	302	398
	513	408	682	1024	1367	1631	1891		
14'-0"(168") PRECAST	458*	316	493	635	778	922	1065	286	360
	548	378	629	922	1254	1567	1816		
14'-8" (176") PRESTRESSED	243	295	459	591	724	857	990	N.R.	351
	243	352	582	852	1186	1491	1742		
15'-4" (184") PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
	228	329	542	791	1072	1381	1616		
17'-4" (208")PRESTRESSED	188	236	361	464	567	670	774	N.R.	255
	188	276	449	649	874	1121	1388		
19'-4" (232") PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
	165	238	383	550	736	940	1160		
21'-4" (256")PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
	142	212	336	471	635	801	983		
22'-0"(264")PRESTRESSED	140	180	268	343	418	493	568	N.R.	161
	131	205	322	457	601	771	941		
24'-0"(288")PRESTRESSED	121	165	244	312	380	447	515	N.R.	135
	124	186	290	408	538	680	833		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

GRAVITY

LENGTH \ TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
		8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B
4'-4" (52") PRECAST	1489	1591	3053	2982	3954	4926	5904	6880
		1827	3412	4982	6472	7947	9416	10878
4'-6" (54") PRECAST	1351	1449	2782	2714	3600	4481	5375	6264
		1702	3412	4982	6472	7947	9416	10878
5'-8" (68") PRECAST	1189	832	1602	1550	2058	2566	3075	3585
		1153	2162	4074	6472	6516	5814	6839
5'-10" (70") PRECAST	1139	778	1500	1449	1924	2400	2876	3352
		1103	2051	3811	6472	6516	5450	6411
6'-8" (80") PRECAST	972	907	1671	2933	2516	3223	3872	4522
		907	1671	2933	4100	6130	8171	6701
7'-6" (90") PRECAST	865	761	1371	2252	1958	2451	2944	3439
		764	1377	2329	3603	5492	6624	5132
9'-8" (116") PRECAST	671	420	834	1253	1671	1342	1614	1886
		535	928	1481	2179	2618	3598	2815

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

UPLIFT

LENGTH \ TYPE	8RF6-1T / 8RF6-2T	8RF10-1T / 8RF10-2T	8RF14-1T / 8RF14-2T	8RF18-1T / 8RF18-2T	8RF22-1T / 8RF22-2T	8RF26-1T / 8RF26-2T	8RF30-1T / 8RF30-2T	LATERAL 8RU6	LATERAL 8RF6
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
	1244	1519	2339	3170	4008	4850	5696		
4'-6" (54") PRECAST	1192	1507	2311	3121	3937	4756	5577	893	893
	1192	1455	2240	3036	3837	4643	5453		
5'-8" (68") PRECAST	1024	1172	1795	2423	3065	3689	4329	801	801
	1024	1132	1741	2351	2978	3603	4230		
5'-10" (70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469
	896	1098	1690	2288	2891	3491	4106		
6'-8" (80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
	778	856	1468	1987	2509	3035	3563		
7'-6" (90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941
	688	849	1302	1762	2225	2690	3157		
9'-8" (116") PRECAST	533*	433	808	1123	1413	1704	1995	516	614
	533	527	1003	1369	1728	2088	2450		

*REDUCE VALUE BY 15% FOR GRADE 40 FIELD REBAR

CAST CRETE
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F32-1B/IT	GARAGE DOOR
L 2	4'-6"	8F16-0B/IT	3/4X1/4 F.G.
L 3			
L 4	4'-6"	8F16-0B/IT	SH25
L 5	7'-6"	8F16-0B/IT	6/0XB/0 S.G.D.
L 6	9'-4"	8F16-0B/IT	REAR LANAI
L 7	12'-4"	8F16-0B/IT	REAR LANAI
L 8	4'-6"	8F16-0B/IT	SH25
L 9	4'-6"	8F16-0B/IT	SH25
L 10	7'-6"	8F16-0B/IT	FR. SH25
L 11	4'-6"	8F16-0B/IT	SH25
L 12	5'-10"	8RF12-0B/IT	FRONT DOOR
L 13	7'-6"	8F44-1B/IT	FRONT ENTRY
L 14	7'-6"	8F24-0B/IT	FRONT ENTRY
L 15			
L 16			
L 17			
L 18			
L 19			
L 20	7'-6"	8F16-0B/IT	OPT. 6/0XB/0 S.G.D.
L 21			
L 22			
L 23			
L 24			
L 25	9'-4"	8F32-1B/IT	GARAGE DOOR
L 26	14'-0"	8F16-1B/IT	GARAGE
L 27	4'-4"	8R34-1B/IT	GARAGE SERV. DR.
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
L 36			
L 37			
L 38			
L 39			

MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. T/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

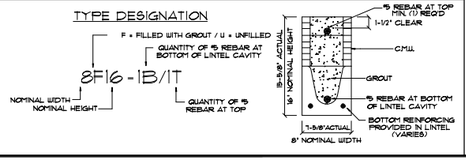
GENERAL NOTES

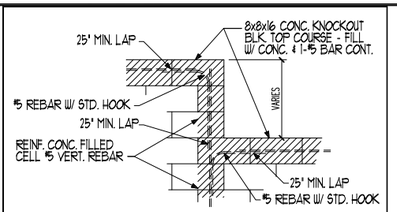
1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 11'-4" and longer with a nominal height of 8" meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. T/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

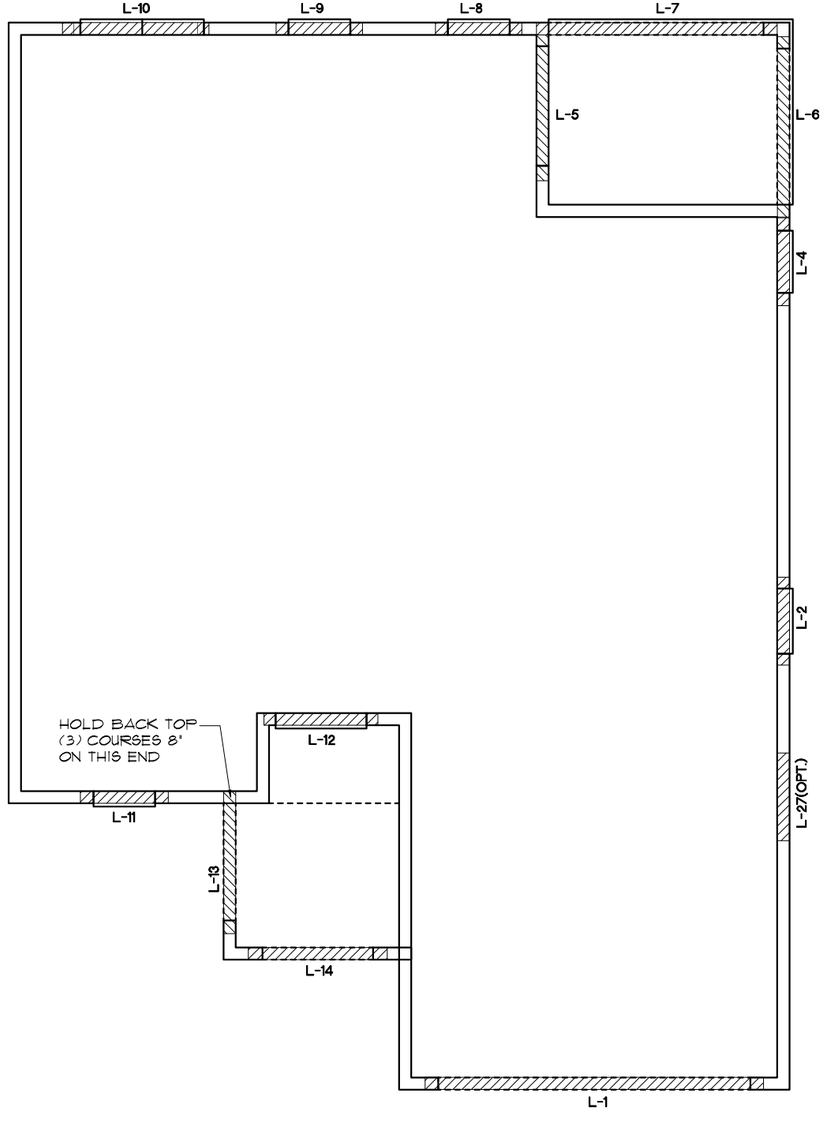
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
7. The designer may evaluate concentrated loads from the safe load tables by calculating the max. resisting moment and shear at di-stady from the face of support.
8. For composite lintel heights not shown, use safe load from next lower height.
9. All safe loads in units of pounds per linear foot.

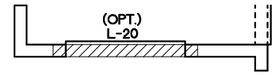
TYPE DESIGNATION





BLOCK WALL HT. TRANSITION DETAIL





PRE CAST LINTEL LAYOUT "C"

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

3-CAR GAR. OPTION

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

REVISIONS	BY
05-16-19	JF

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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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Orlando, Florida 32811
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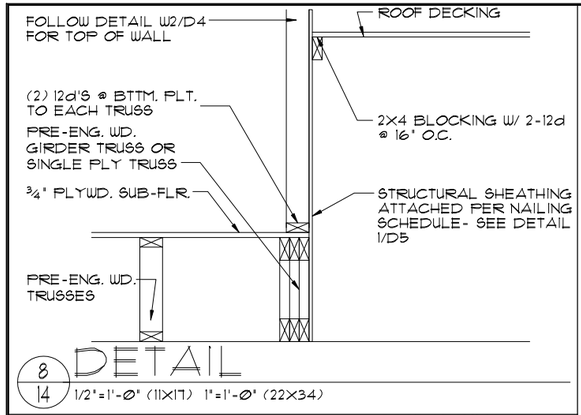
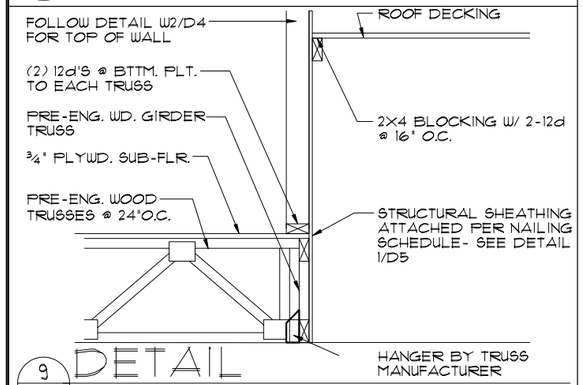
PRE CAST LINTEL LAYOUT

2382 THE PEMBROKE

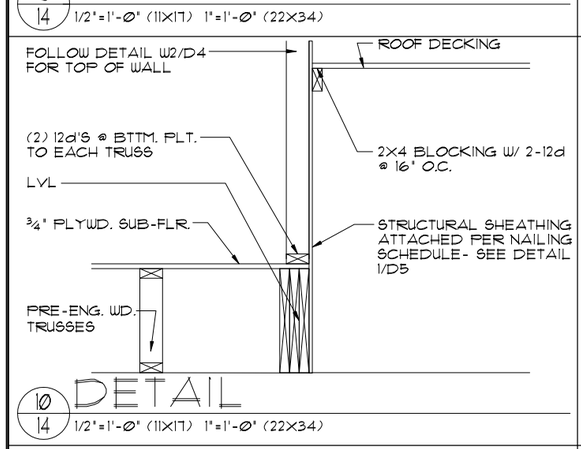
DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	13C
OF	SHEETS



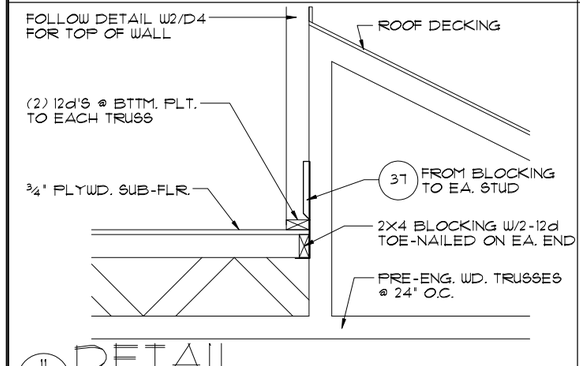
8/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



9/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



10/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



11/14 DETAIL
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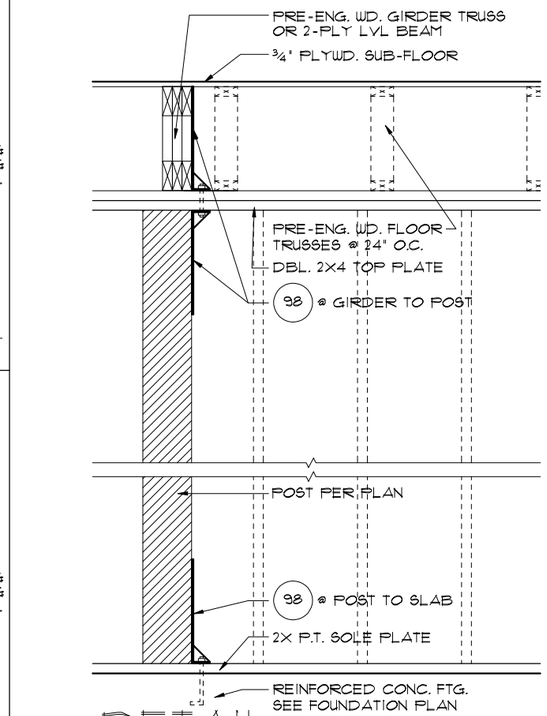
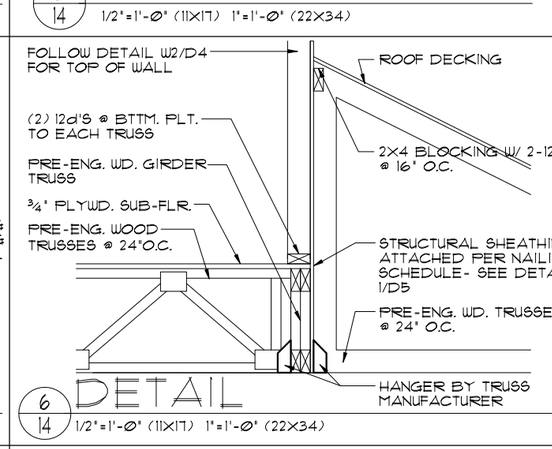
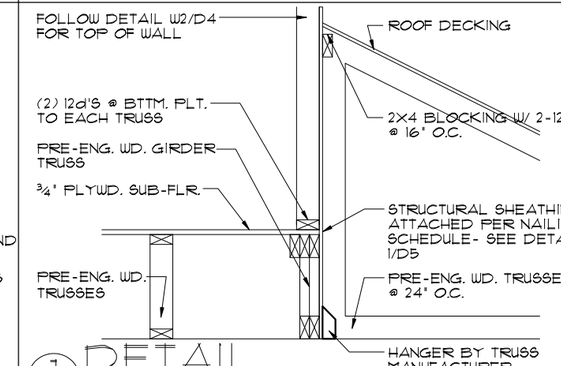


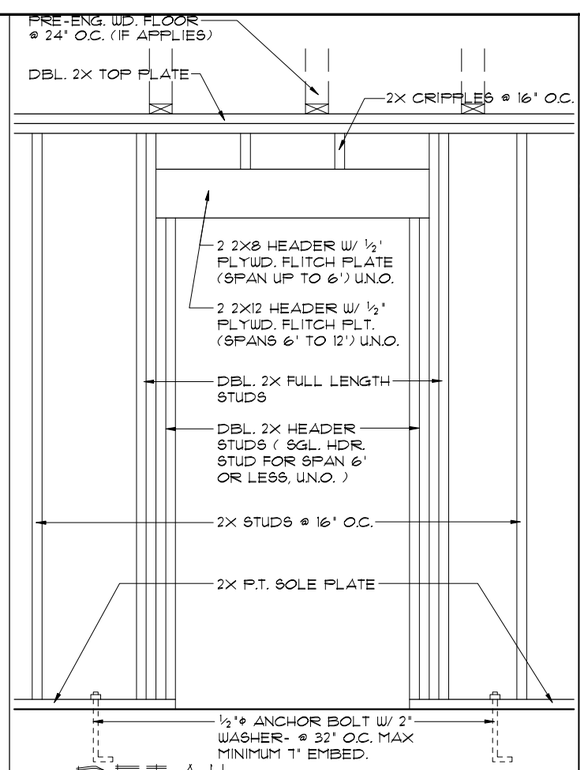
5/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



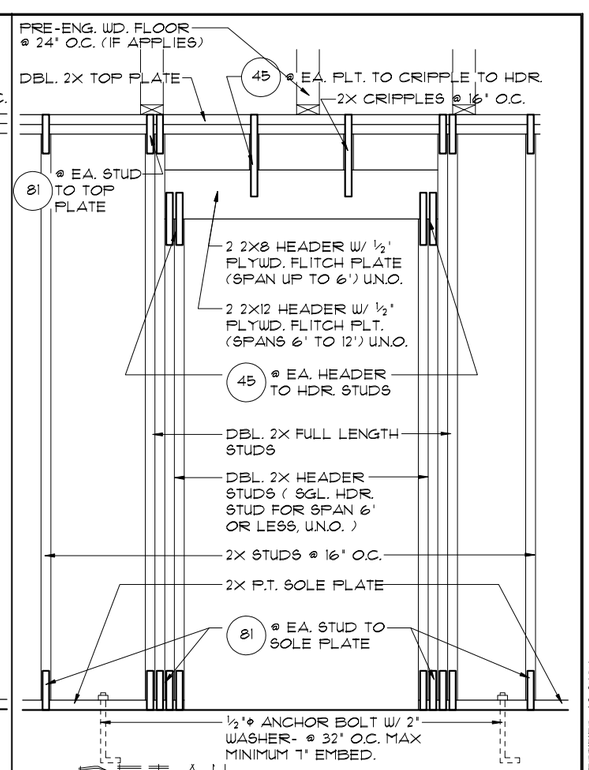
6/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



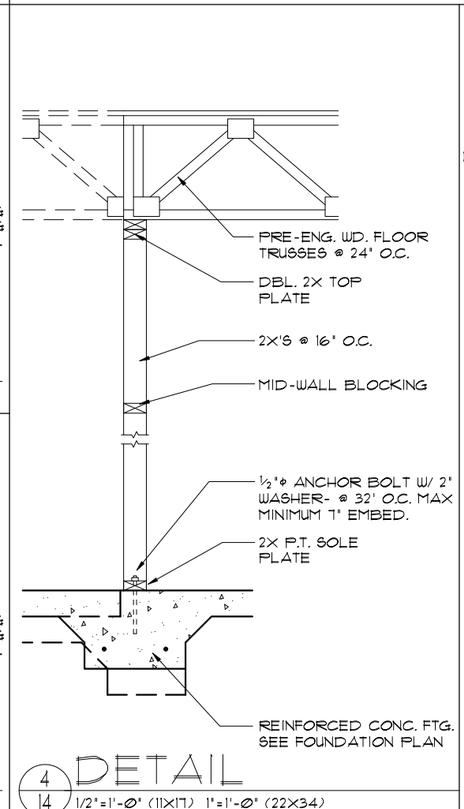
7/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



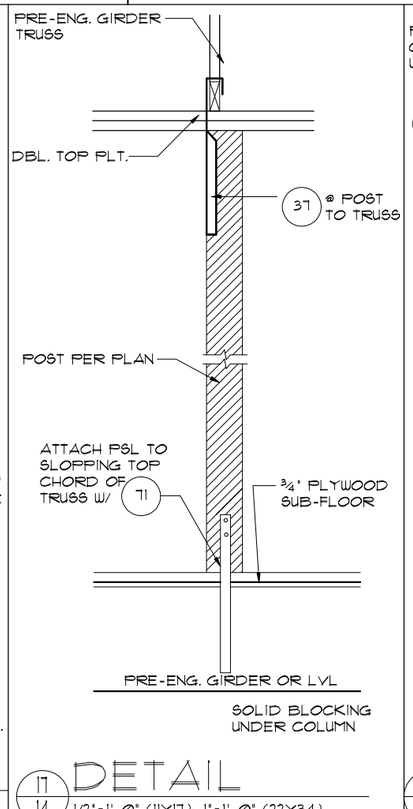
2/14 DETAIL (BRG. W/O UPLIFT)
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



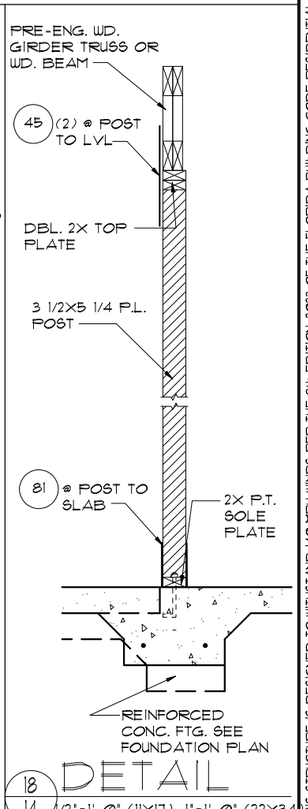
1/14 DETAIL (BRG. W/ UPLIFT)
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



4/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



17/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)



18/14 DETAIL
1/2"=1'-Ø" (11X17) 1"=1'-Ø" (22X34)

FLORIDA SERIES

LOT: 0000 COMMUNITY NAME

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05-16-19	JF

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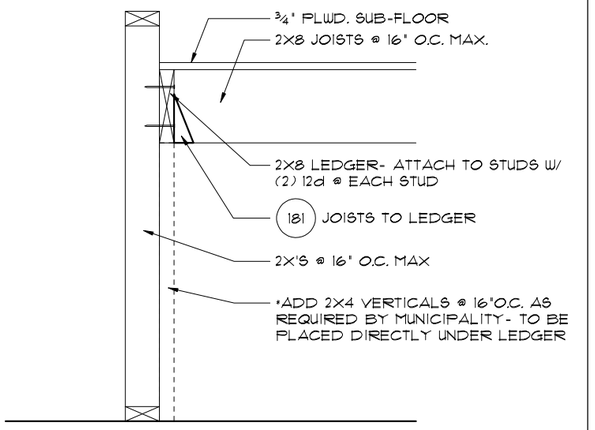
Park Square HOMES

TYPICAL DETAILS

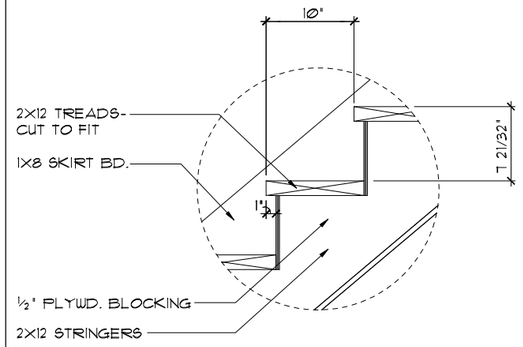
2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	14
OF	SHEETS



4/15 TYP. STAIR CONNECT.

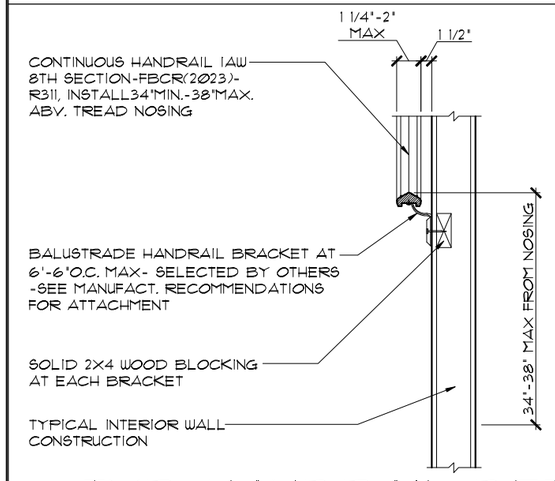
3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") PLATFORM FRAMING



DATA: TOTAL RISE: 10'-8 ¾" (17 RISERS @ 7 9/16" EA.)
TOTAL RUN: 13'-4" (16 TREADS @ 10" EA.)

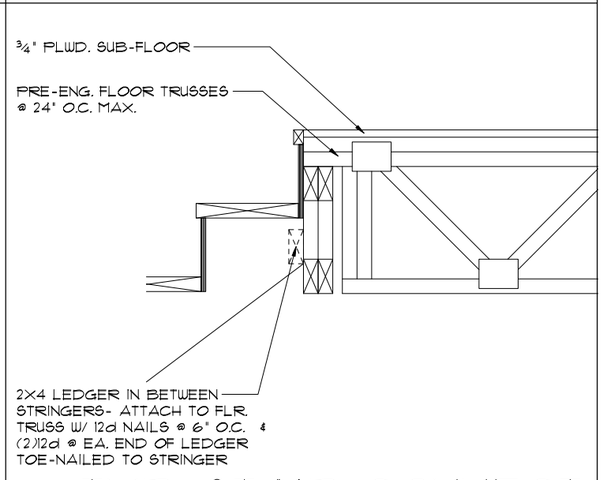
1/15 STAIR DETAIL

3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") STAIR DATA



5/15 TYP. HANDRAIL DET.

3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34")



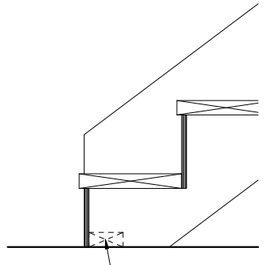
2/15 TYP. STAIR CONNECT.

3/4"=1'-0" (11X17) 1½"=1'-0" (22"X34") STRINGER TO FLOOR TRUSS

NOTES:

STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2023, 8 TH EDITION SECTION R311.7

MAX. HGT. OF RISER TO BE NOT MORE 7¾". WIDTH OF TREAD TO BE 9"(EXCLUSIVE OF NOSING) ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING 3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER 3/8" MAX. VARIATION IN ANY RISER/TREAD HAND RAIL CIRCULAR CROSS SECTION DIA. TO BE 1 1/4" - 2" OR TO PROVIDE EQUIVALENT GRASPABILITY. WINDERS: MIN. 6" WIDE @ NARROW END 34"MIN.-38"MAX., HANDRAIL HGT. HEADROOM CLEARANCE MIN. 6'-8"



3/15 TYP. STAIR CONNECT.

3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") STRINGER TO FLOOR

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON DESCRIPTION	SIMPSON FASTENERS PER CONNECTOR	USP DESCRIPTION	USP FASTENERS PER CONNECTOR	MAX. UPLIFT	LAT. LDS. F1 / F2
4	HETA20	14-10d x 1½"	ETA20	14-10d	1,810	65 / 960
5	DETAL20	18-10d x 1½"	N/A	N/A	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT:6-8dx1½"/PLT:4-8d	RT15	RFT:5-8dx1½"/PLT:5-8d	475	485 / 165
22	H10A	RFT: (9)10d x 1 1/2" PLT: (9)10d x 1 1/2"	RT16	RFT: 8-8d x 1½" PLT: 8-8d	930	585/525
23	LUS26	HDR: 4-10d/JST: 4-10d	JUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7Z	RFT / TRS: (4)8d PLT / STD: (2)8dX 1 1/2" (8)8D	RT20	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H2.5A	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
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	SPH4,6,8	12-10d x 1½"	TP4,6,48	12-10d x 1½"	885	N/A
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
89	CB66	(2) ⅝" BOLTS	PA8X8	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: ⅞" BOLT STUD:(3) ⅞"X5½" BOLTS	HHD8A	SILL: ⅞" BOLT STUD:(3) ⅞"X5½" BOLTS	7,910	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	MPA1	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
98-101	HTT4	⅝" BOLT/ 18-16dX2½"	N/A	N/A	3,640	N/A
97-100-102	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
110	HCP2	12-10d x 1½"	HHCP2	20-10d x 1½"	520	260 / N/A
167	HHUS46	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	HHUS28-2	G:28-16d / T:8-16d	EHUH28-2	12-16d	2,000	N/A
214	HUC212-3TF	HD:16-3/16"X1½" TAPCON BM: 6-16d	HDO212-3	HD:18-3/16"X1½" TAPCON BM: 6-10d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	EHUH210-2	HDR:40-16d/JST:16-10d	2,720	N/A
216	HUS412	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 TOP&FACE JOIST: 18-10d	NFM35X12U	H:1-½" J-BOLT J:5-½" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK:½"Φ J /JST:14-10d	1,620	N/A
226	MBHA4.75/12	HDR : (2) ¾"Φ x 8" JOIST : 18-10d	NFM45U	HDR : MIN. ½"Φ "J" BOLT JOIST : (5) ½"Φ BOLTS	2,160	N/A
231	MBHA3.56/16	HDR : (2) ¾"Φ x 8" JOIST : 18-10d	NFM3.5X16U	HDR :MIN. ½"ΦxJ-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"ΦxJ-BOLTS JOIST : (5) ½"Φ BOLTS	3,450	N/A
240	H15	R:4-10dx1½"/P:4-10dx1½"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2000	1015 / 440
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	6485	N/A
303	HGT-4	LTL:¾"BLTS./GIR: 16-10d	N/A	N/A	9,250	N/A
401	MSTAM36	(13)10d/BLK:(8)1/4X1 3/4	N/A	N/A	1,810	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					

(-) - INDICATES TRUSS CONNECTOR, GO TO CONNECTOR SCHEDULE ON PAGE 15 FOR CONNECTOR NAME AND SPECIFICATION.

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME

FLORIDA SERIES

REVISIONS	BY
05-16-19	JF

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Park Square HOMES

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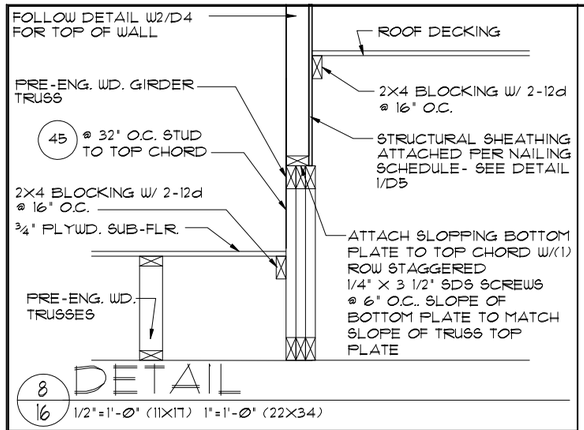
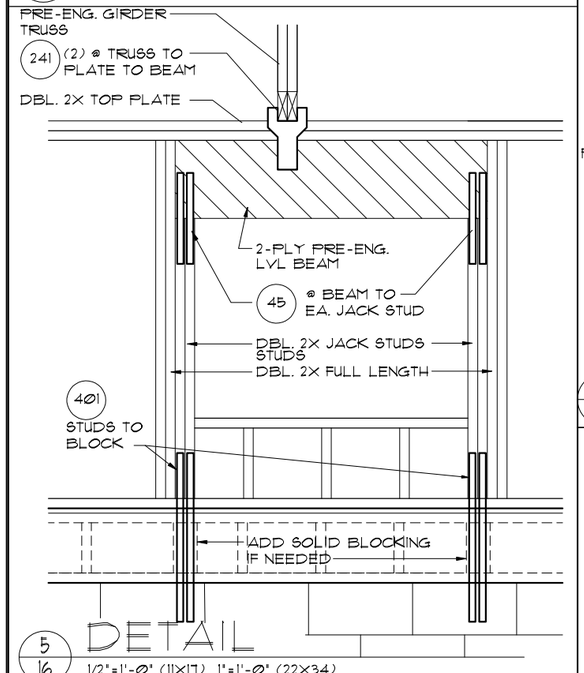
TYPICAL DETAILS / CONNECTOR SCHEDULE

2382 THE PEMBROKE

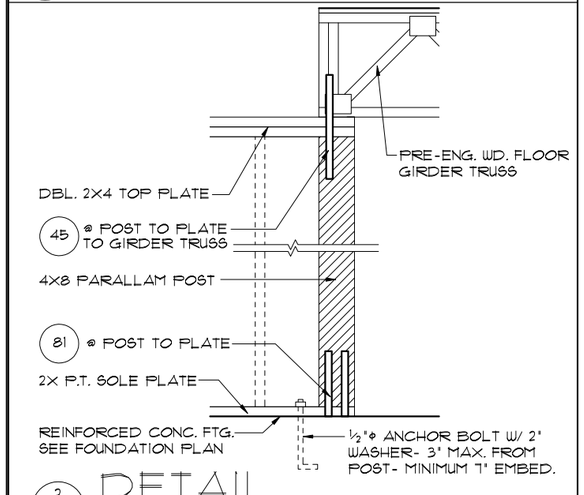
DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	15
OF	SHEETS



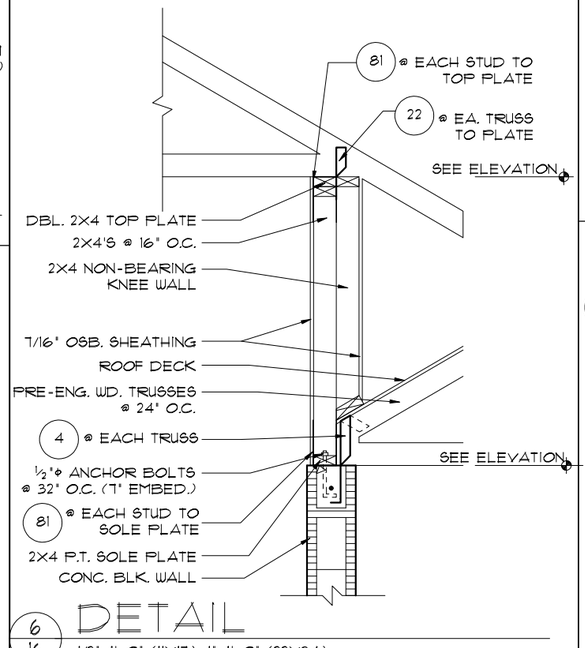
8/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



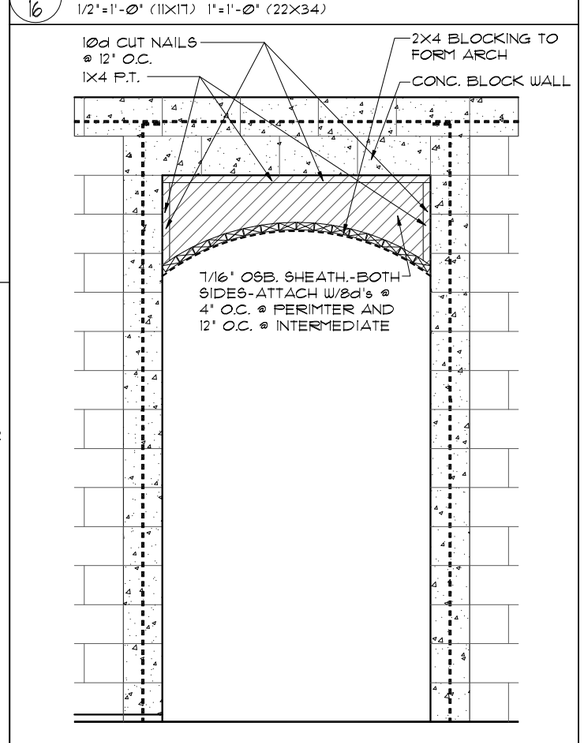
5/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



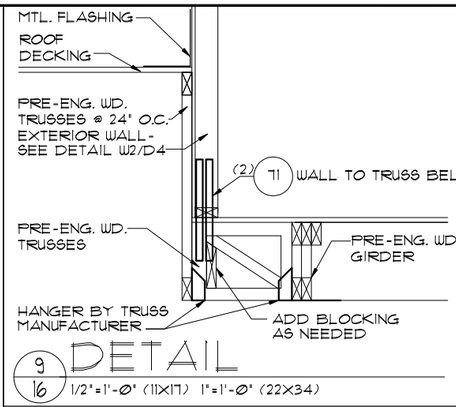
3/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



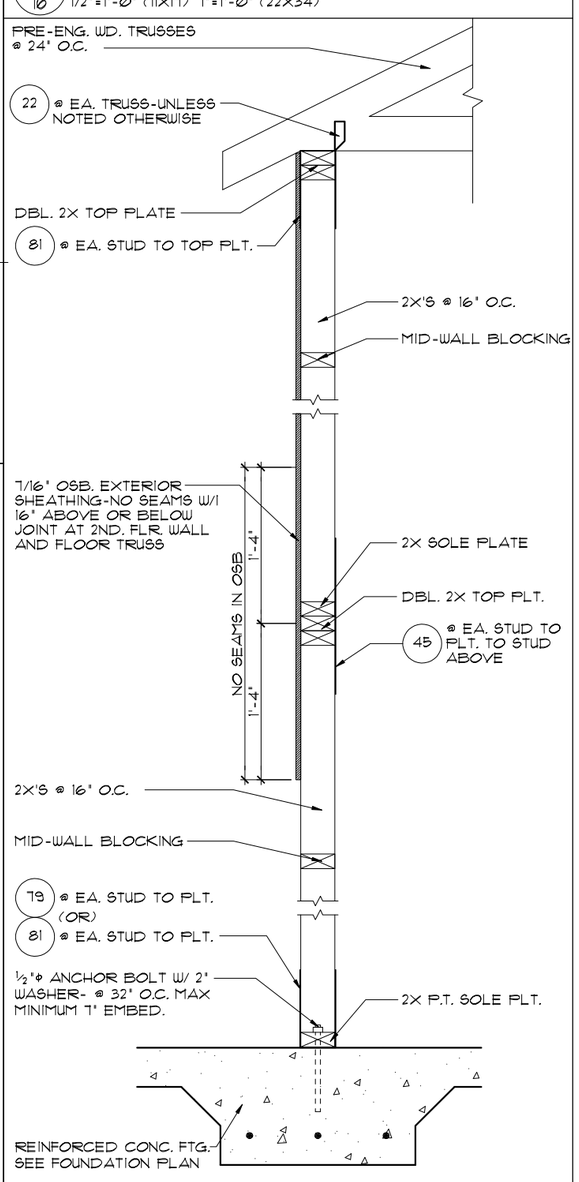
6/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



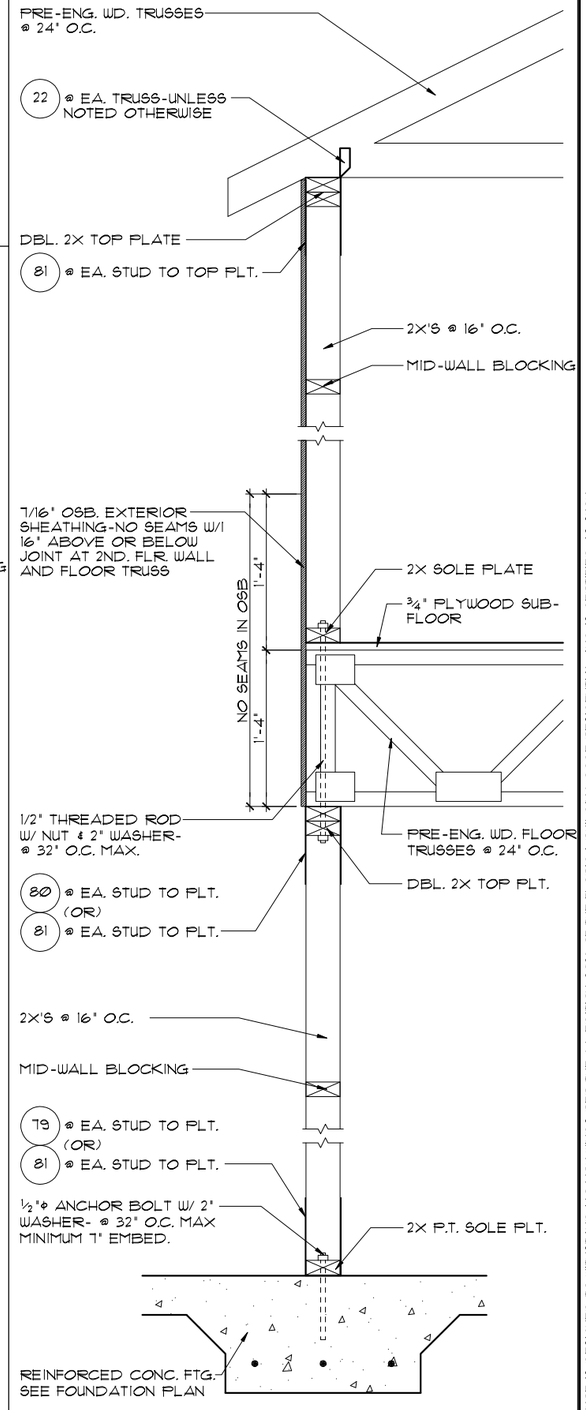
4/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



9/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



2/16 DETAIL
3/4"=1'-0" (11X17) 1½"=1'-0" (22X34)



1/16 DETAIL
3/4"=1'-0" (11X17) 1½"=1'-0" (22X34)

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FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

REVISIONS	BY
05-16-19	JF

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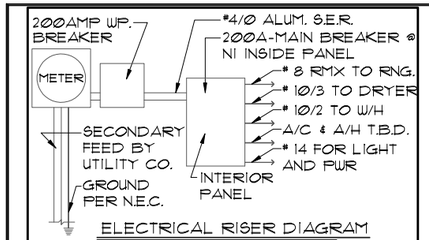
Phone: (407) 529 - 3000

TYPICAL DETAILS

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	16
OF	SHEETS



ELECTRICAL RISER DIAGRAM

N.T.S.

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.

MECHANICAL INFORMATION

PER 2010 FLORIDA RESIDENTIAL CODE

1. COMPLETE DUCT DESIGN WITH SIZES AND R-VALUE COMPLYING WITH THE FLORIDA ENERY 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) CONSTRUCTIONS AND SEALING, AND
   B) SECTION M1601 PER THE FLORIDA RESIDENTIAL CODE 2010 EDITION
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 FLA. RESIDENTIAL CODE 2010 EDITION.

GENERAL NOTES

1. IAW NEC 2008- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS THAT SUPPLY OUTLETS IN DWELLING UNITS- FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOM, CLOSETS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
2. IAW NEC 2008- 406.11, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
3. SMOKE DETECTORS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK, AND SHALL BE 3' FROM THE SUPPLY OR RETURN AIR STREAM AND EQUIPPED WITH A BATTERY BACK-UP.
4. RANGE / WATER HEATER 220V OUTLET DELETED WITH GAS COMMUNITIES.

ELECTRICAL LEGEND

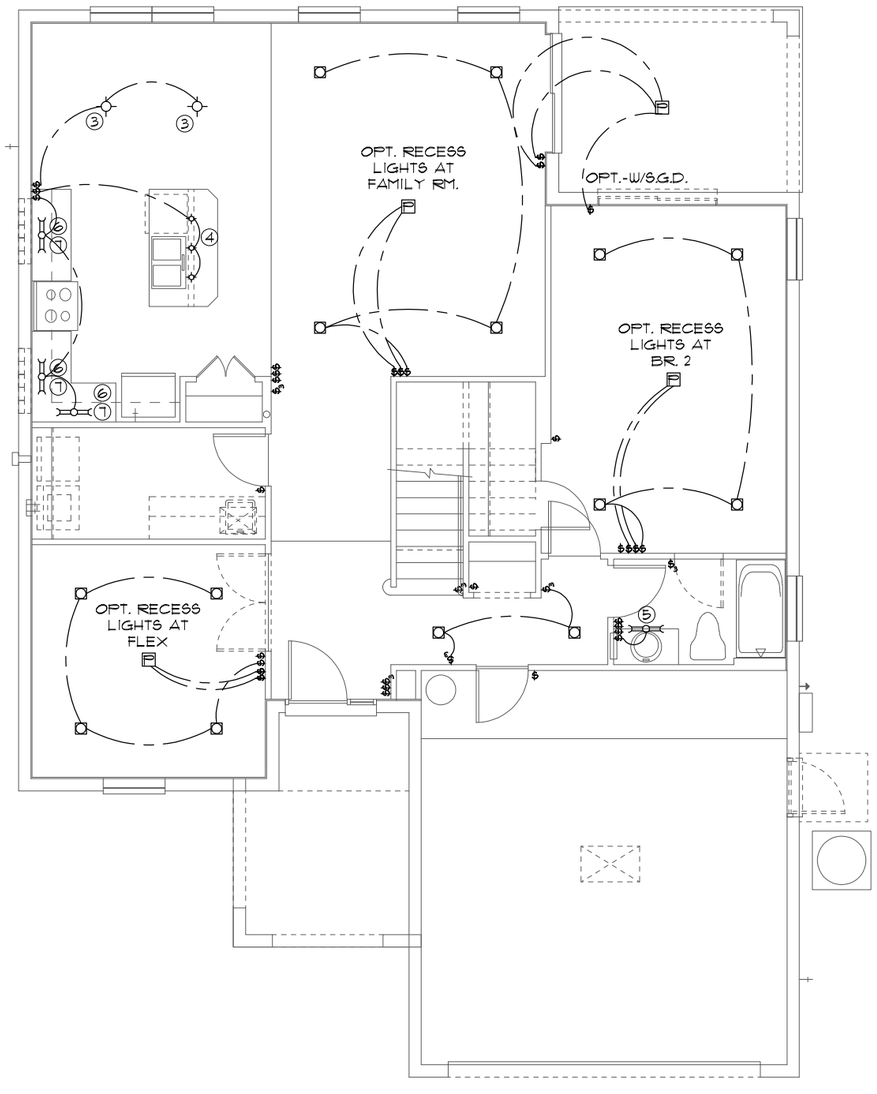
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- OUTLET 110-115
- OUTLET 110-115, SPLIT WIRED
- OUTLET 110-115, W/ USB
- OUTLET 110-115, CEILING MOUNTED
- OUTLET 110-115, FLOOR MOUNTED
- 220-240, SPECIAL PURPOSE OUTLET
- LIGHT FIXTURE, CEILING MOUNTED
- LIGHT FIXTURE, WALL MOUNTED
- LIGHT FIXTURE, RECESSED
- RECESSED EYEBALL, ADJUSTABLE
- PC LAMP HOLDER W/ PULL CHAIN
- FLUORESCENT FIXTURE
- FLOODLIGHTS
- TELEVISION OUTLET
- TELEPHONE OUTLET
- INTERCOM
- CHIMES
- SMOKE DETECTOR
- CM CARBON MONOXIDE DETECTOR
- PUSH BUTTON
- EXHAUST FAN
- EXHAUST FAN / LIGHT COMBO
- DISPOSAL
- DISCONNECT SWITCH
- ELECTRICAL PANEL
- F CEILING FAN, INSTALLED
- P CEILING FAN, PREWIRED
- J JUNCTION BOX
- DT DIGITAL THERMOSTAT

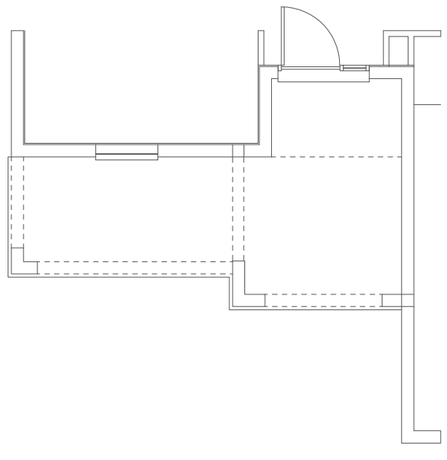
S.G.D. OPTION

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

OPTION LEGEND

1. NOT USED
2. NOT USED
3. OPT. DBL. CHANDELIER- SEE COLOR SHEET FOR SPACING
4. OPT. PENDANTS LIGHTS- SEE COLOR SHEET FOR SPACING
5. OPT. TOE-KICK LIGHTING UNDER CABINETS
6. OPT. ABOVE CABINET LIGHTING
7. OPT. UNDER CABINET LIGHTING



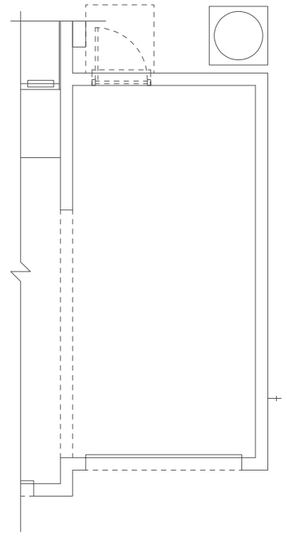


ELEVATION "B"

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

LIGHTING OPTIONS

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



3-CAR GAR. OPTION

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FLORIDA SERIES

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05-16-19	JF

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Orlando, Florida 32811
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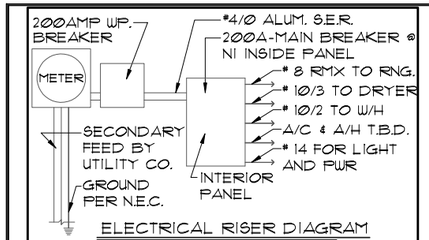
FIRST FLOOR LIGHTING OPTIONS

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	LO-1
OF	SHEETS



ELECTRICAL RISER DIAGRAM

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- OUTLET 110-115, W/ USB
- OUTLET 110-115, CEILING MOUNTED
- OUTLET 110-115, FLOOR MOUNTED
- 220-240, SPECIAL PURPOSE OUTLET
- LIGHT FIXTURE, CEILING MOUNTED
- LIGHT FIXTURE, WALL MOUNTED
- LIGHT FIXTURE, RECESSED
- RECESSED EYEBALL, ADJUSTABLE
- LPC LAMP HOLDER W/ PULL CHAIN
- FLUORESCENT FIXTURE
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- SMOKE DETECTOR
- CM CARBON MONOXIDE DETECTOR
- PUSH BUTTON
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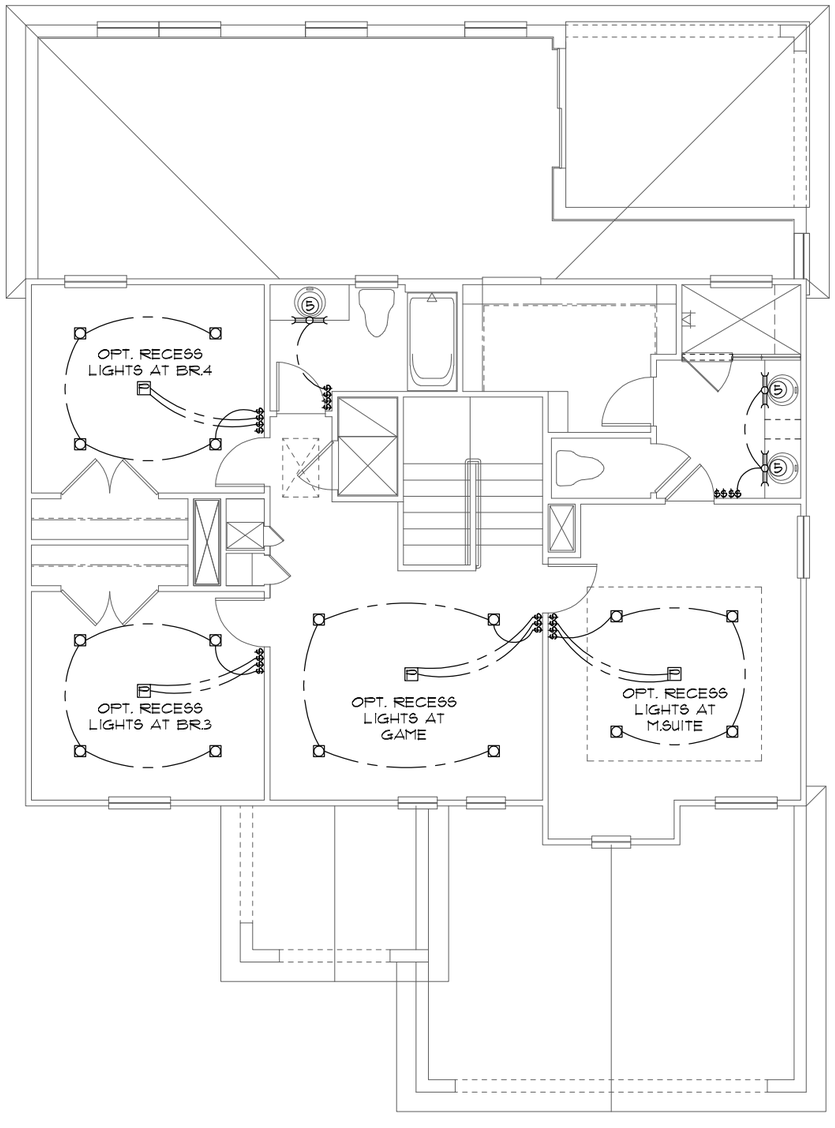
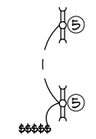
- EXHAUST FAN / LIGHT COMBO
- DISPOSAL
- DISCONNECT SWITCH
- ELECTRICAL PANEL
- F CEILING FAN, INSTALLED
- P CEILING FAN, PREWIRED
- J JUNCTION BOX
- DT DIGITAL THERMOSTAT



UPPER FLOOR LIGHTING OPTIONS

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



OPT. MAST. BATH

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

OPTION LEGEND

1. NOT USED
2. NOT USED
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4. OPT. PENDANTS LIGHTS- SEE COLOR SHEET FOR SPACING
5. OPT. TOE-KICK LIGHTING UNDER CABINETS
6. OPT. ABOVE CABINET LIGHTING
7. OPT. UNDER CABINET LIGHTING

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UPPER FLOOR LIGHTING OPTIONS

2382 THE PEMBROKE

DATE	04-6-12
SCALE	AS NOTED
DRAWN	RDC
JOB	2382
SHEET	LO-2
OF	SHEETS