

1966

THE MARGATE II (SIDING)

FLORIDA SERIES

PAD SIZE: 40' X 65'

SHEET INDEX:

- 00 COVER SHEET
- 01AB FOUNDATION PLAN 'A'
- 02AB FLOOR PLAN W/ DIMENSIONS 'A'
- 03AB FLOOR PLAN W/ NOTES 'A'
- 04A EXTER. ELEVATION 'A'- FRONT & REAR
- 05A EXTER. ELEVATION 'A'- LEFT & RIGHT
- 06 CROSS SECTION / INTERIOR ELEVATIONS
- 07AB ELECTRICAL PLAN
- 08A TRUSS LAYOUT 'A'
- 09AB PRE-CAST LINTEL LAYOUT- 'A'
- 10 TYPICAL DETAILS
- 11 TYPICAL DETAILS
- D1 TYPICAL STRUCTURAL DETAILS
- D2 TYPICAL STRUCTURAL DETAILS
- D3 TYPICAL STRUCTURAL DETAILS

* ADD .3 FOR 3-CAR GARAGE OPTION

SHEET INDEX:

- 00 COVER SHEET
- 01AB FOUNDATION PLAN 'B'
- 02AB FLOOR PLAN W/ DIMENSIONS 'B'
- 03AB FLOOR PLAN W/ NOTES 'B'
- 04B EXTER. ELEVATION 'B'- FRONT & REAR
- 05B EXTER. ELEVATION 'B'- LEFT & RIGHT
- 06 CROSS SECTION / INTERIOR ELEVATIONS
- 07AB ELECTRICAL PLAN
- 08B TRUSS LAYOUT 'B'
- 09AB PRE-CAST LINTEL LAYOUT- 'B'
- 10 TYPICAL DETAILS
- 11 TYPICAL DETAILS
- D1 TYPICAL STRUCTURAL DETAILS
- D2 TYPICAL STRUCTURAL DETAILS
- D3 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 EXTER. ELEVATION 'C'- FRONT & REAR
- 05C EXTER. ELEVATION 'C'- LEFT & RIGHT
- 06 CROSS SECTION / INTERIOR ELEVATIONS
- 07C ELECTRICAL PLAN
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- D2 TYPICAL STRUCTURAL DETAILS
- D3 TYPICAL STRUCTURAL DETAILS

* ADD .3 FOR 3-CAR GARAGE OPTION

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	12/22/17	UPDATE TO 2017 CODE	MW
2	05/09/18	-ADDED OPT. GAREGE SERVICE DOOR	AN
3	11/28/18	-DELETE MASTER BR. NICHE & CHANGE ALL INTERIOR ARCHES TO FLAT SOFFITS	MW
4	02/15/19	-ADDED 2019 PLAN FEET CHANGES	MW
5	05-16-19	-ADDED NEW A,B,C SIDING ELEVATIONS	JF
6	07-08-19	-REVISE ENTRY FLOORING	MW
7	01-05-21	-UPDATE TO 2020 CODE	JN
8	06-10-21	-ADD 2x6 WALL IN LAUNDRY ROOM	JN
9	08-05-21	-ADD FRONT ENTRY SECTION	JN
10	10/05/23	- DELETE INTERIOR DOORS HT	JW
11	01/04/24	- 2023 CODE UPDATE - ELEV A, B & C	JW
12	05/24/24	- ADD ON-Q PANEL	JW
13	06/25/24	- ADD EXTENDED FOYER & MOVE GARAGE WALL 2' FORWARD	JW
13	06/25/24	- ADD MODEL WALK CHANGES - NL - 240628	JW

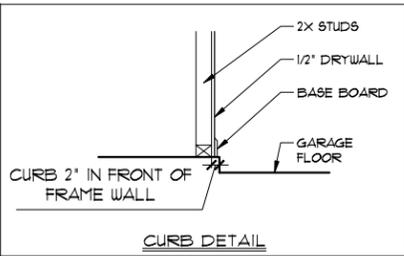
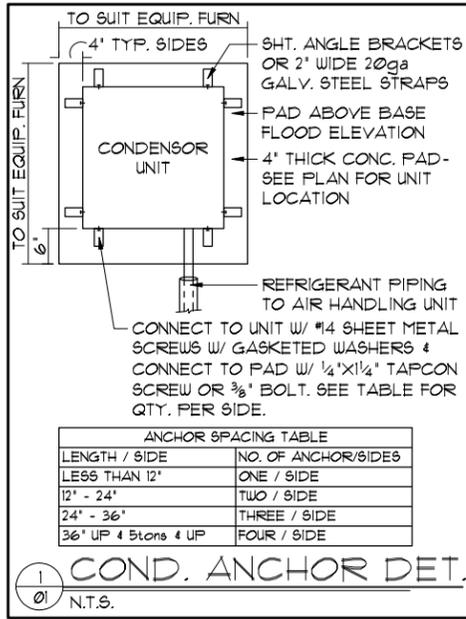
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME

FLORIDA SERIES

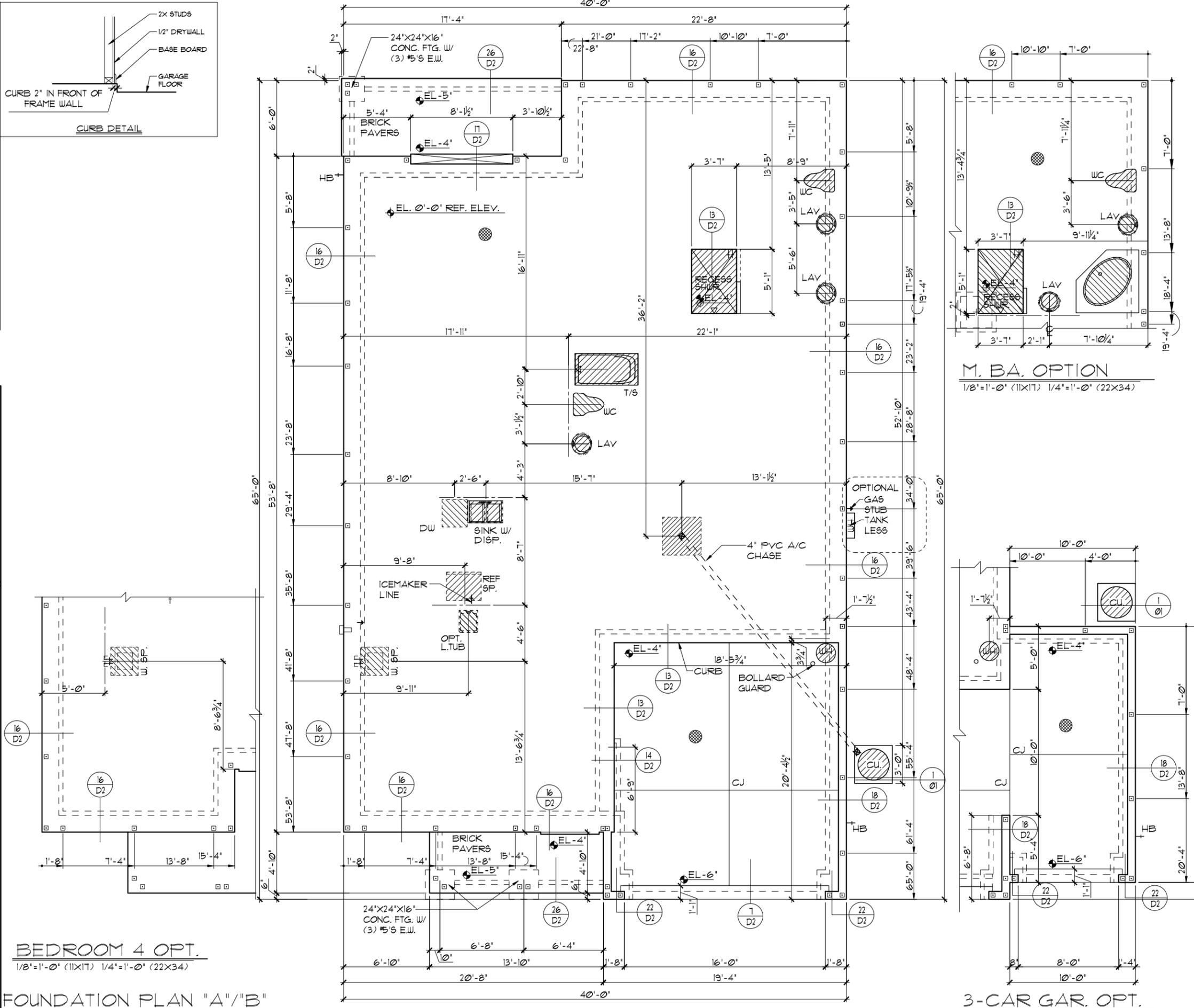
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<p>1966</p> <p>MARGATE II</p>	<p>COVER SHEET</p>								
<p>DATE 04-05-2017</p> <p>SCALE AS NOTED</p> <p>DRAWN RDC</p> <p>JOB N/A</p> <p>SHEET</p> <p style="text-align: center;">00</p> <p>OF 00 SHEETS</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">05-16-19</td> <td></td> <td></td> <td style="text-align: center;">JF</td> </tr> </tbody> </table> <p style="text-align: center;"> <small>HITEC ENGINEERING GROUP, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Tel: (407) 734-1492 Fax: (407) 734-1790 www.hitec.com</small> </p> <p style="text-align: center;"> <small>A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000</small> </p> <p style="text-align: center;"> </p>	NO.	DATE	DESCRIPTION	BY	05-16-19			JF
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05-16-19			JF						



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

- FOUNDATION NOTES**
- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
 - DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5 REBAR GRADE 60
 - DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5 REBAR GRADE 60
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - 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.
 - 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 2006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WVF 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.
 - PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
 - ~~○ STANDARD FOOTING~~ NOT USED
~~○ ALTERNATE FOOTING~~
 - MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
 - IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
 - BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORIDA BUILDING CODE.



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

FOUNDATION PLAN "A"/"B"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

3-CAR GAR. OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

M. BA. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 0000, COMMUNITY NAME: FLORIDA SERIES
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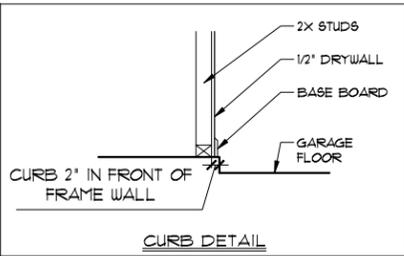
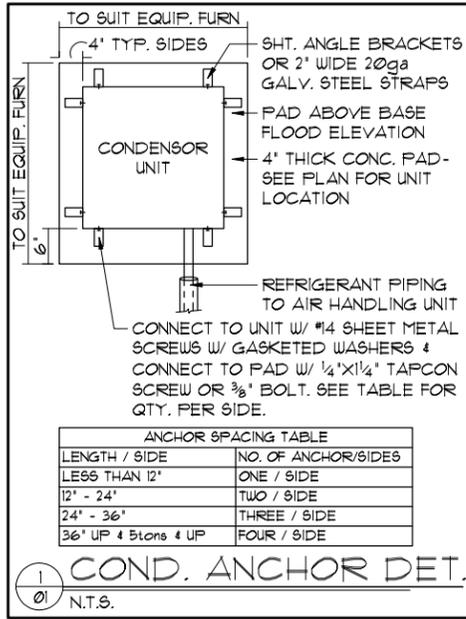
FOUNDATION PLAN
 EXTENDED FOYER

1966
 MARGATE II

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
 01AB OF 00 SHEETS

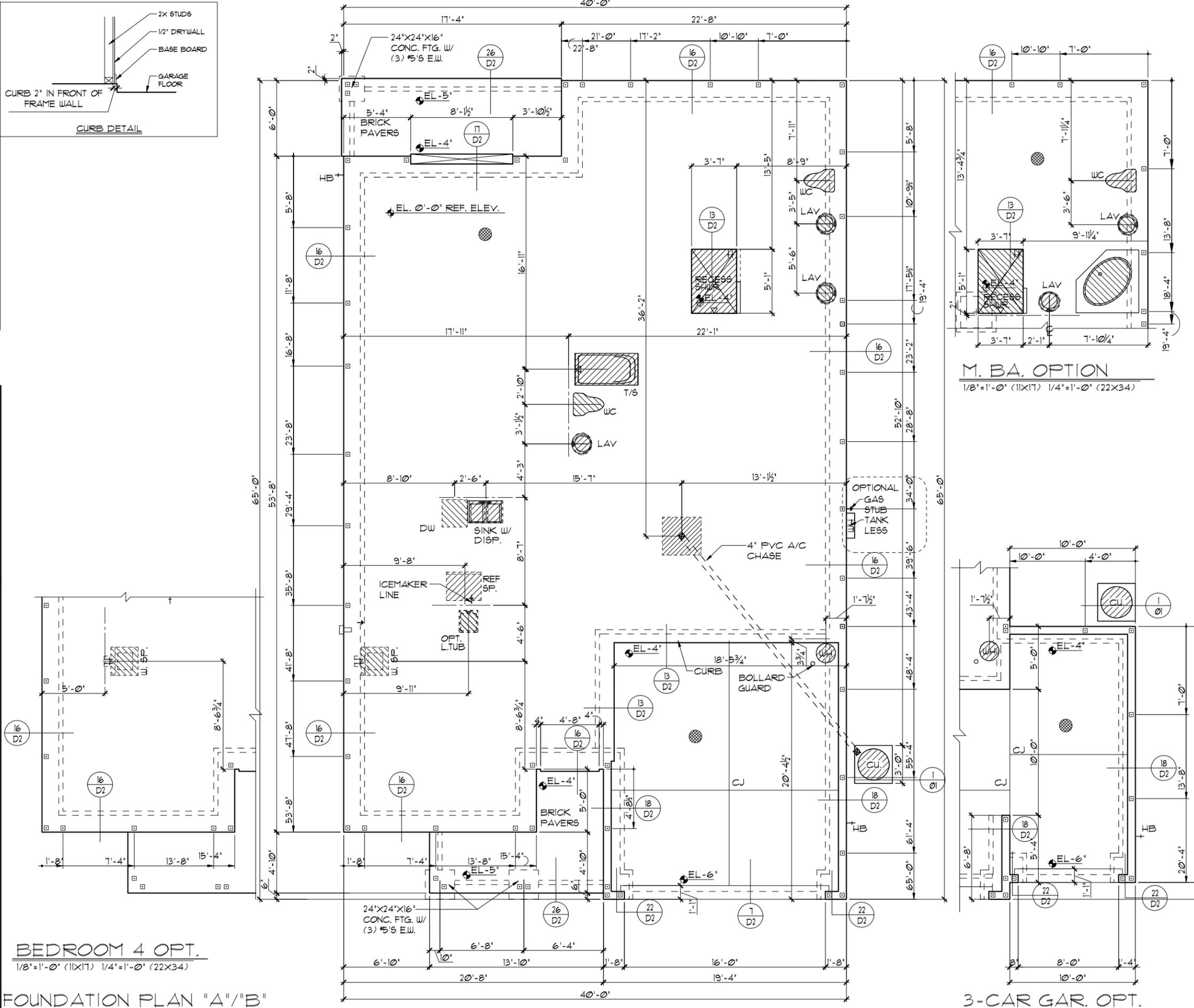
REVISIONS BY
 05-16-19 JF

Park Square HOMES
 FOUNDATION PLAN
 EXTENDED FOYER



ANCHOR SPACING TABLE	
LENGTH / SIDE	NO. OF ANCHOR/SIDES
LESS THAN 12'	ONE / SIDE
12' - 24'	TWO / SIDE
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 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 2018 EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

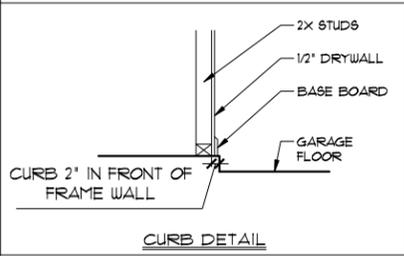
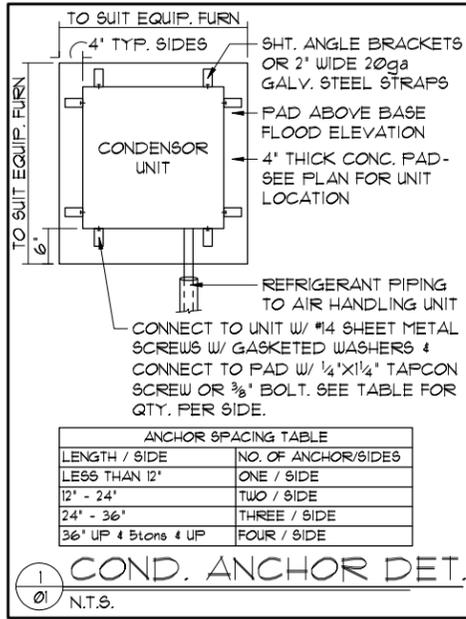
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FOUNDATION PLAN
 1966
 MARGATE II

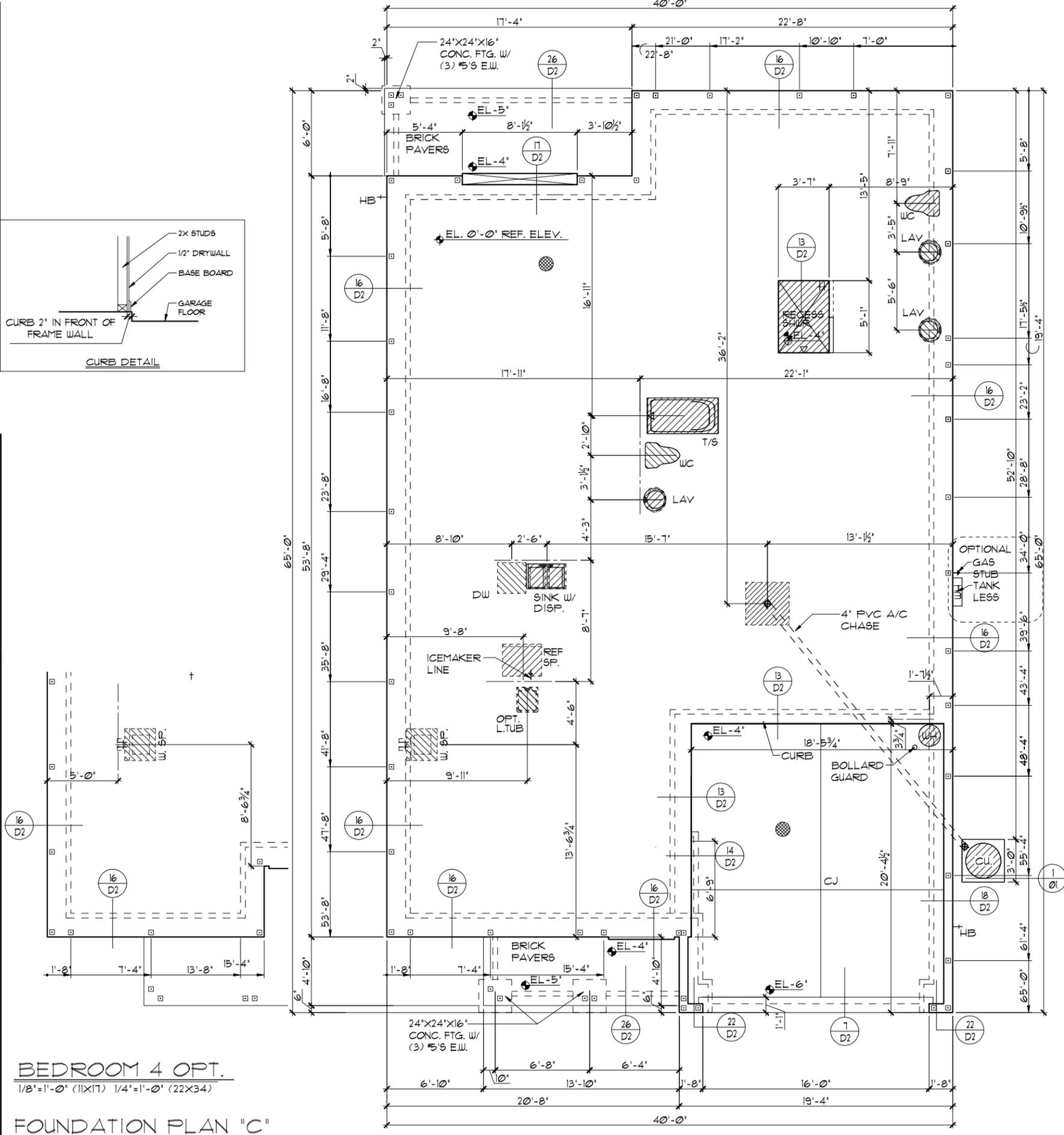
REVISIONS	BY
05-16-19	JF

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
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01AB
 OF 00 SHEETS



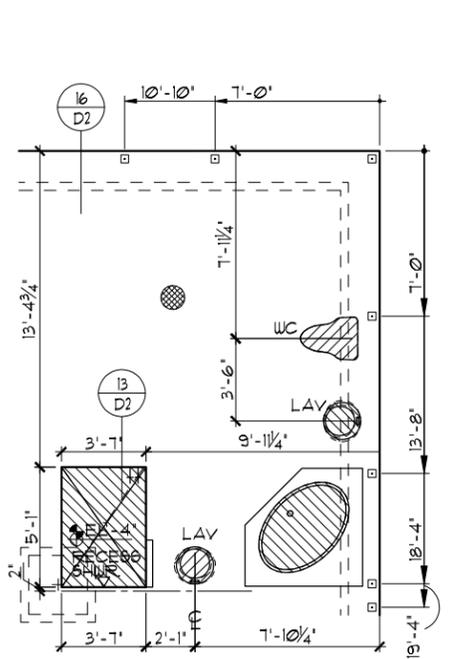
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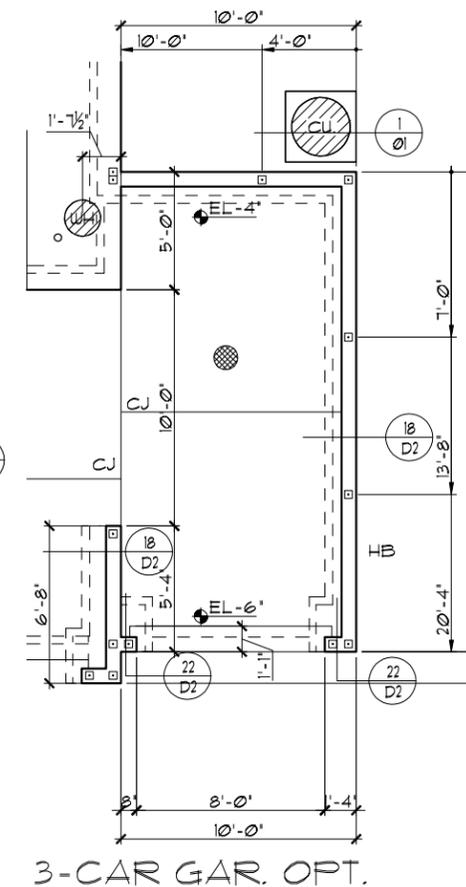


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FOUNDATION PLAN "C"
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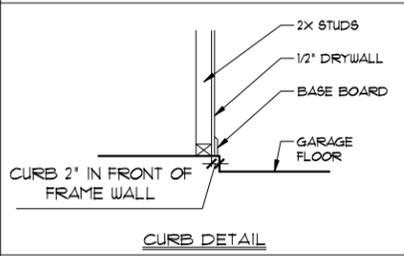
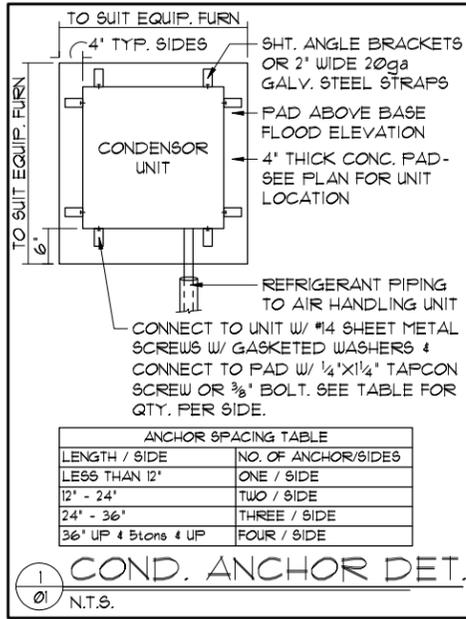
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FOUNDATION PLAN
 EXTENDED FOYER

1966
 MARGATE II

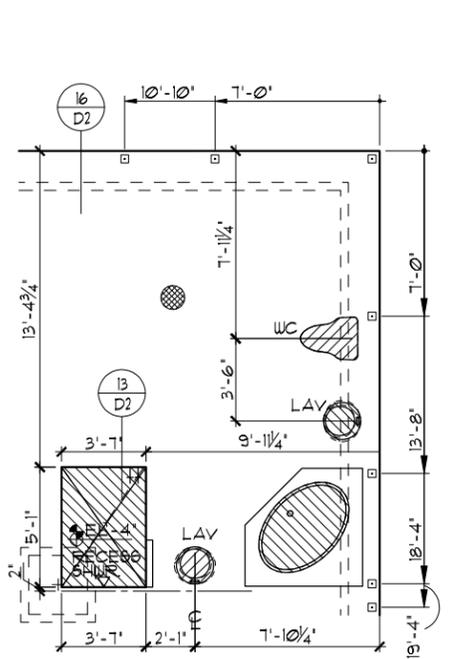
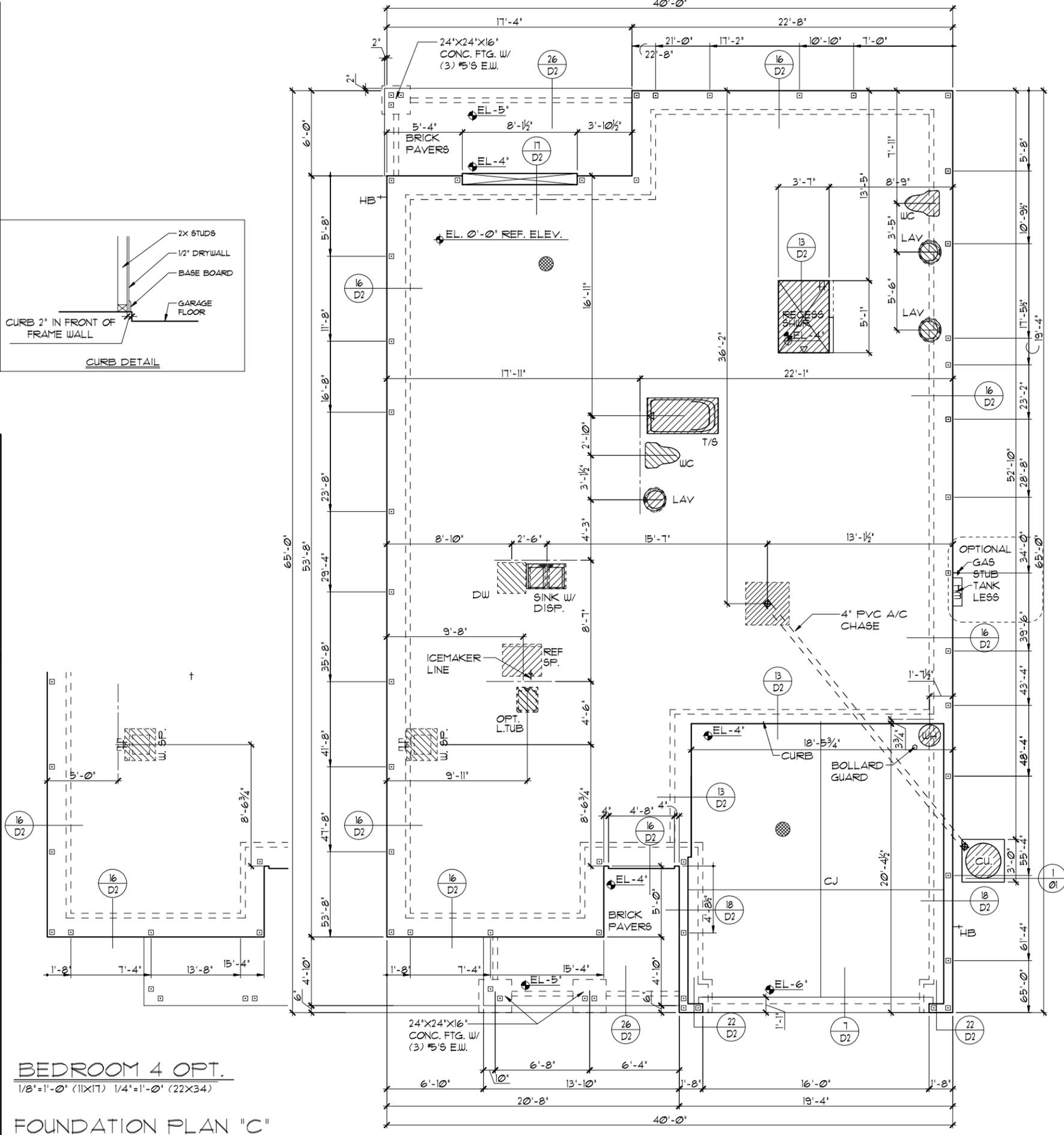
REVISIONS	BY
05-16-19	JF

DATE 04-05-2017
 SCALE AS NOTED
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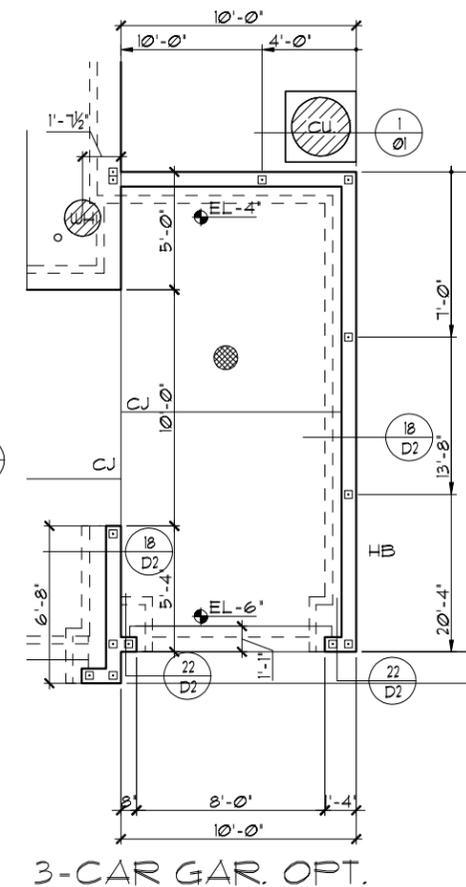


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M. B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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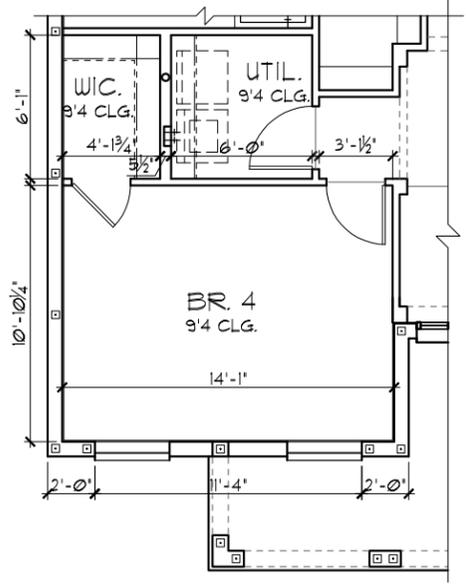
FOUNDATION PLAN
 1966
 MARGATE II

REVISIONS	BY
05-16-19	JF

DATE 04-05-2017
 SCALE AS NOTED
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 SHEET 01C OF 00 SHEETS

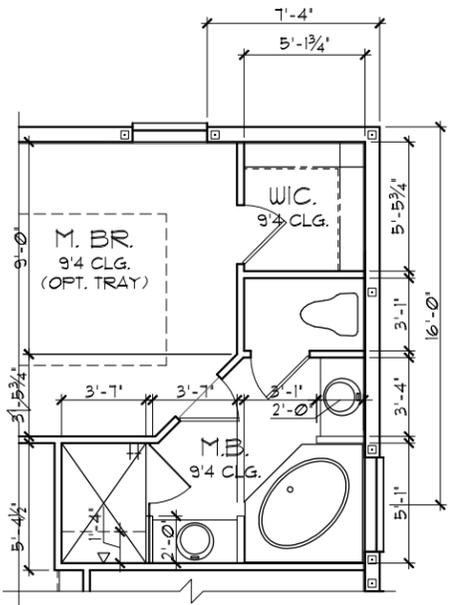
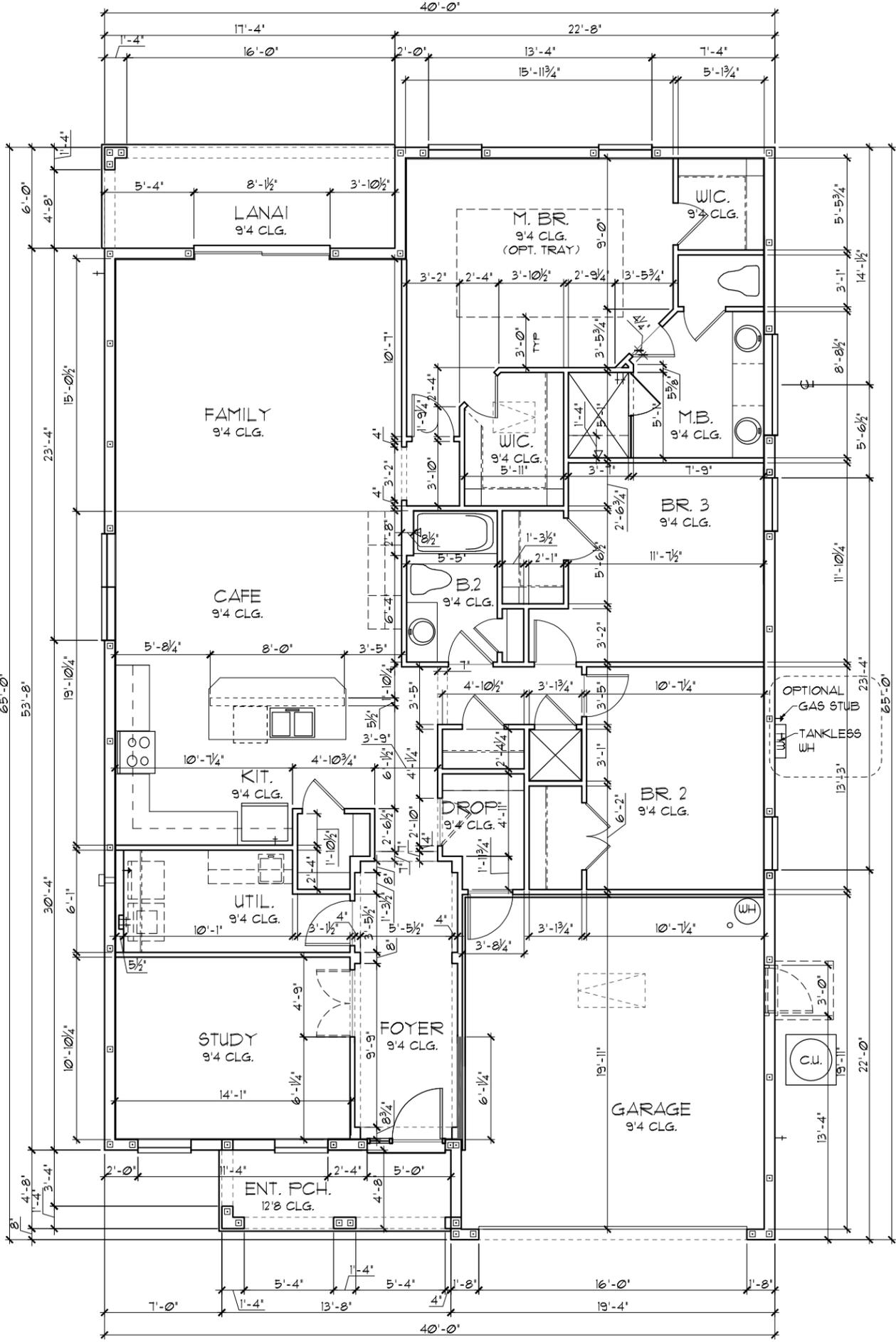
TABULATION	
TOTAL LIVING	2,000 SF.
GARAGE	385 SF.
ENTRY PORCH	64 SF.
LANAI	104 SF.
TOTAL UNDER ROOF	2,553 SF.
OPT. 3-CAR GARAGE	203 SF.
TOTAL UNDER ROOF	2,756 SF.

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

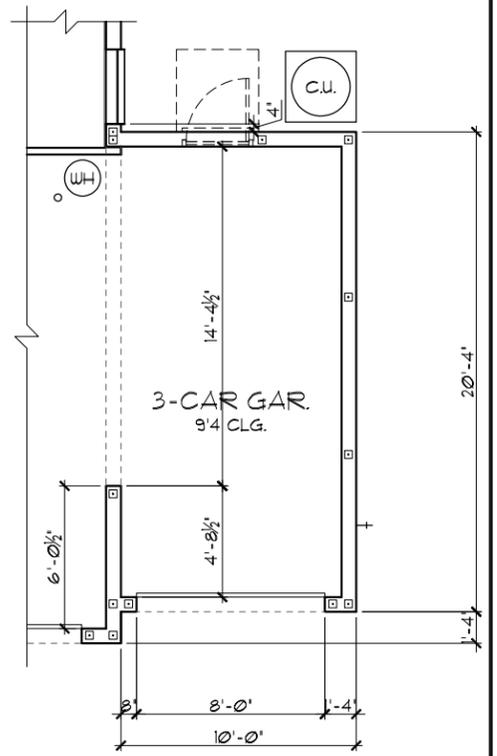


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

FLOOR PLAN W/ DIMENSIONS "A"/"B"
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SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET

02AB.0

OF 00 SHEETS

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FLOOR PLAN W/ DIMENSIONS EXTENDED FOYER

Park Square HOMES

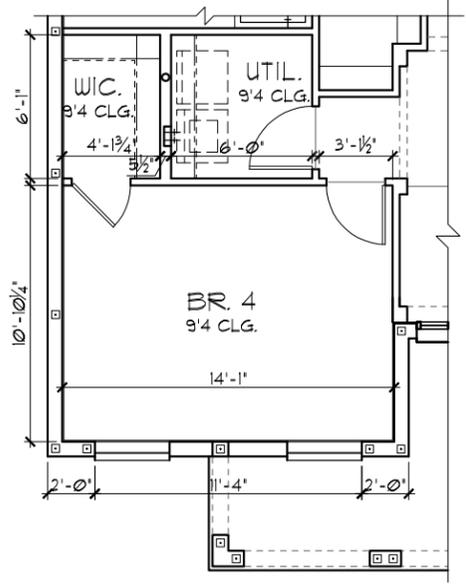
REVISIONS BY

REVISIONS	BY
05-16-19	JF

ITEG ENGINEERING GROUP, INC. 11000 S. Orange Blossom Trail, Suite 100, Orlando, FL 32837 Phone: (407) 734-1700 www.iteg.com

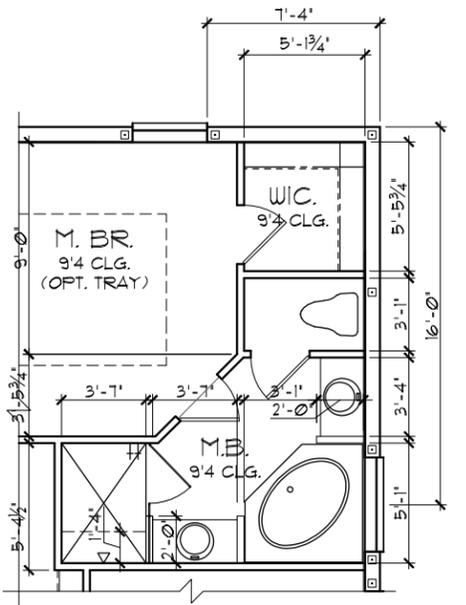
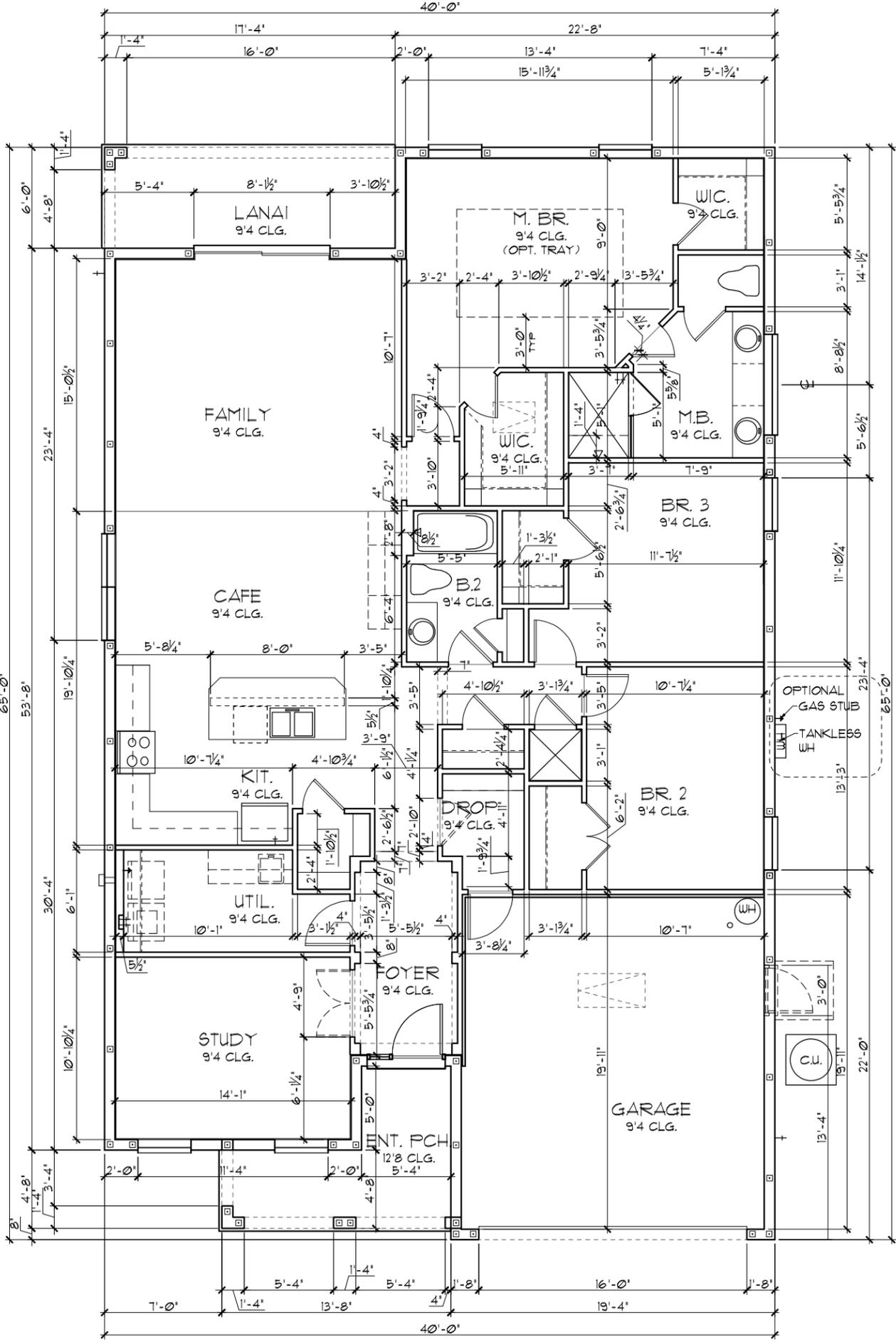
TABULATION	
TOTAL LIVING	1,914 SF.
GARAGE	385 SF.
ENTRY PORCH	90 SF.
LANAI	104 SF.
TOTAL UNDER ROOF	2,553 SF.
OPT. 3-CAR GARAGE	203 SF.
TOTAL UNDER ROOF	2,756 SF.

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

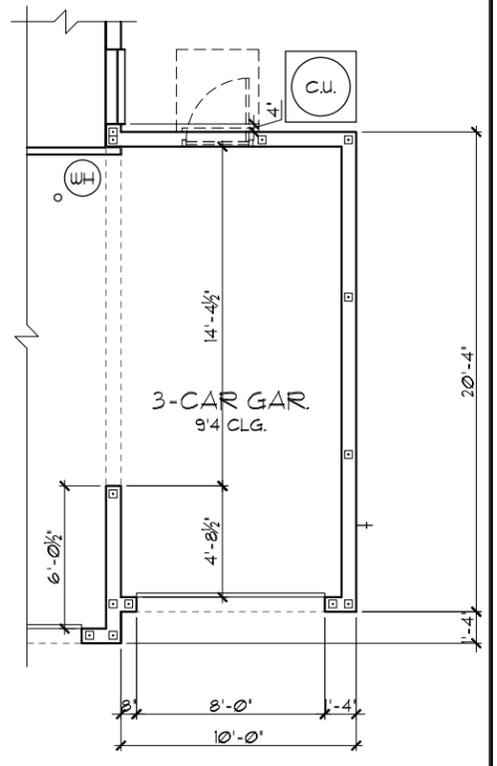


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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



M.B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



3-CAR GAR. OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

FLORIDA SERIES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529-3000

Park Square HOMES

FLOOR PLAN W/ DIMENSIONS

LOT: 0000, COMMUNITY NAME

DATE 04-05-2011
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
02AB0
OF 00 SHEETS

REVISIONS	BY
05-16-10	JF

ITEG
HAMMON ENGINEERING GROUP, INC.
10000 South Orange Avenue, Suite 100
Orlando, FL 32817
Tel: (407) 734-1400
Fax: (407) 734-1700
www.iteg.com

MARGATE II

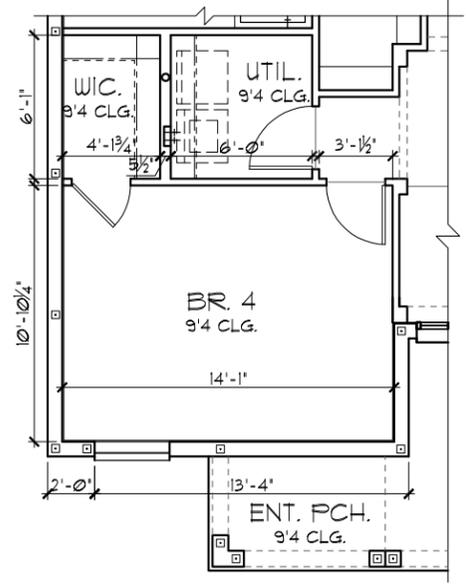
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1966

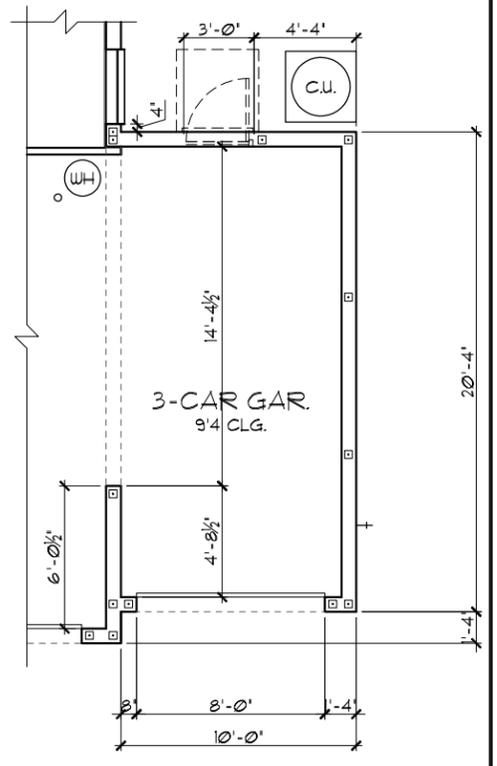
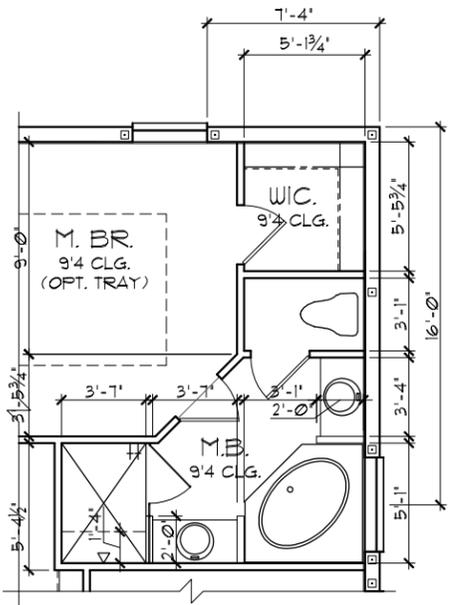
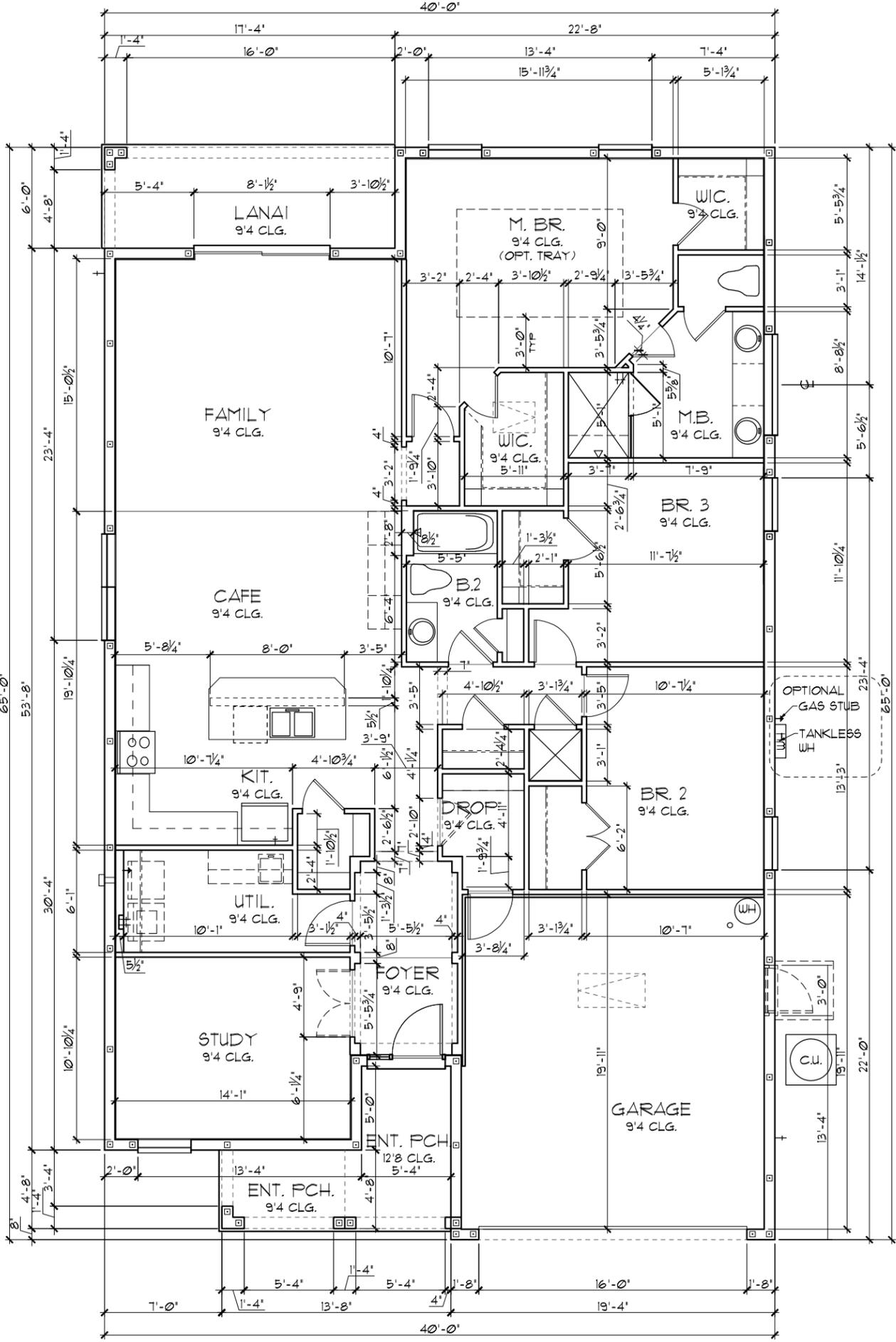
1966

TABULATION	
TOTAL LIVING	1,914 SF.
GARAGE	385 SF.
ENTRY PORCH	90 SF.
LANAI	104 SF.
TOTAL UNDER ROOF	2,553 SF.
OPT. 3-CAR GARAGE	203 SF.
TOTAL UNDER ROOF	2,756 SF.

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



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



3-CAR GAR. OPT.
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

1966

MARGATE II

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
02C.0
OF 00 SHEETS

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05-16-19	JF

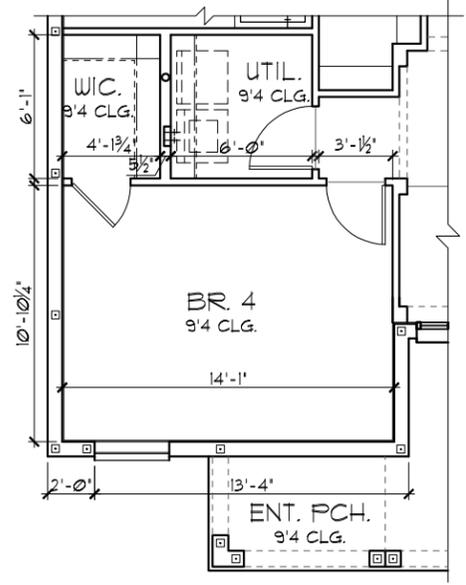
ITEG
HAMPSHIRE ENGINEERING GROUP, INC.
1000 W. UNIVERSITY AVENUE, SUITE 200
ORLANDO, FLORIDA 32811
TEL: (407) 734-1400
FAX: (407) 734-1700
WWW.ITEG.COM

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529 - 3000

Park Square Homes

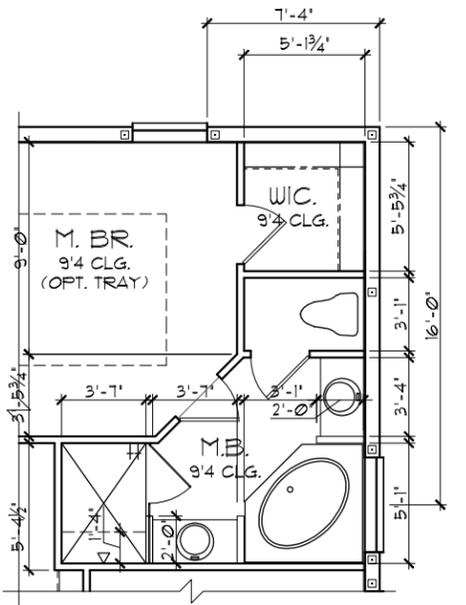
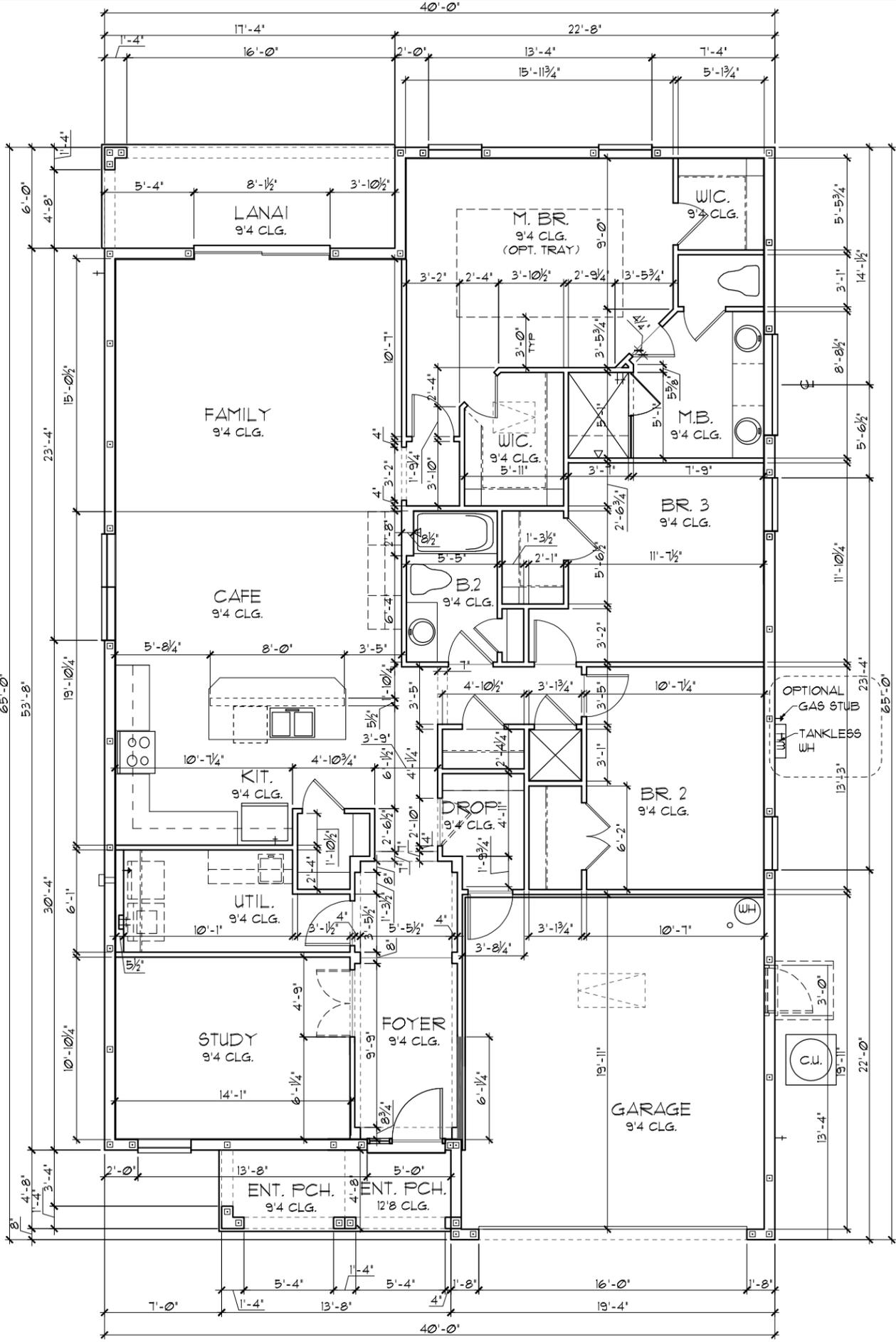
TABULATION	
TOTAL LIVING	2,000 SF.
GARAGE	385 SF.
ENTRY PORCH	64 SF.
LANAI	104 SF.
TOTAL UNDER ROOF	2,553 SF.
OPT. 3-CAR GARAGE	203 SF.
TOTAL UNDER ROOF	2,756 SF.

- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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 - FULL ALL DIMENSIONS FROM THE REAR OF PLAN.

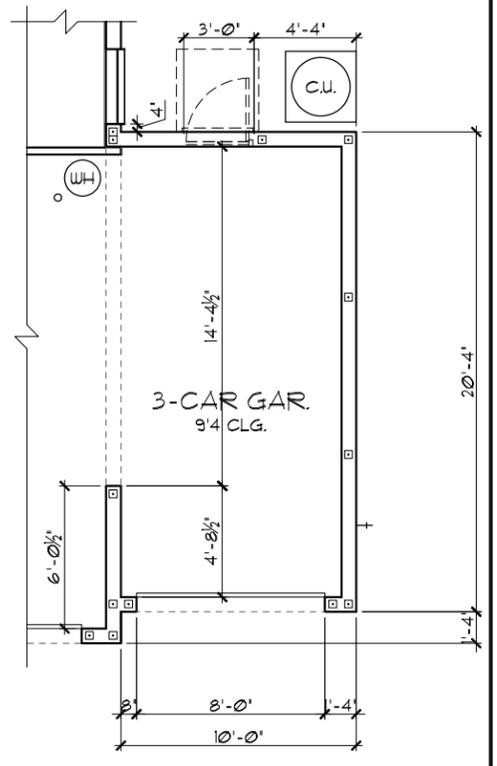


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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



M. B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



3-CAR GAR. OPT.
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

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 Orlando, Florida, 32811
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ITEG
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 Orlando, FL 32826
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 Fax: (407) 734-1790
 www.iteg.com

REVISIONS	BY
05-16-19	JF

Park Square HOMES
 FLOOR PLAN W/ DIMENSIONS
 EXTENDED FOYER
 1966
 MARGATE II
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
 02C.0
 OF 00 SHEETS

LOAD INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

FLOOR: STRUCTURE	1 P&F
CEILING	3 P&F
MECH/ELEC	5 P&F
PARTITIONS	5 P&F
TOTAL	20 P&F

ROOF: SHEATHING 5 P&F
STRUCTURE 1 P&F
CEILING 3 P&F
MECH/ELEC 5 P&F
TOTAL 20 P&F

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (P&F) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER			
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 RESIDENTIAL CODE

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

+ XXX	DESIGN WIND PRESSURE IAW FLA
- XXX	RESIDENTIAL CODE, SECTION R301

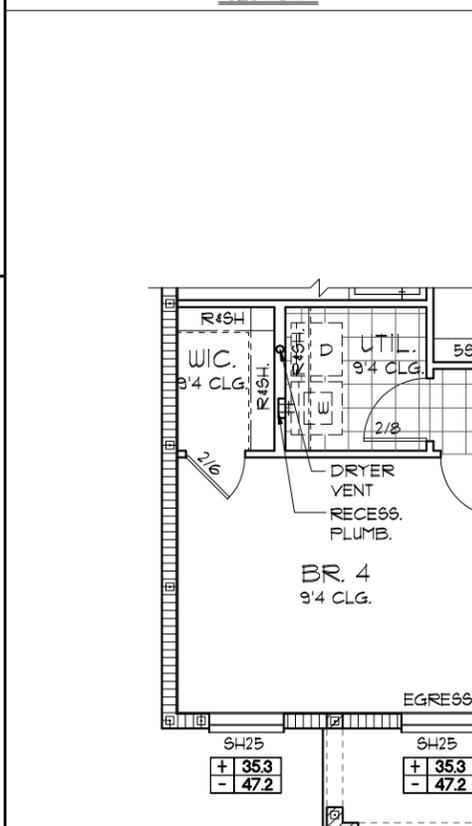
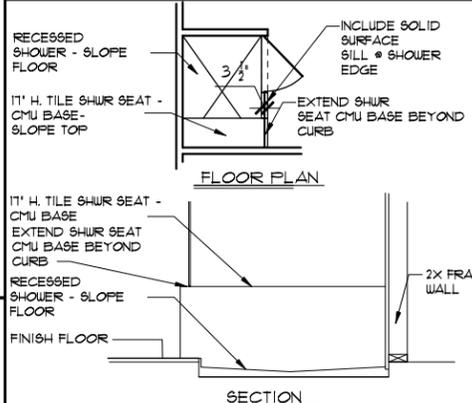
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 12'-8" AFF. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.
 - ALL INTER. SECOND FLOOR CEILINGS AT N/A UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 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

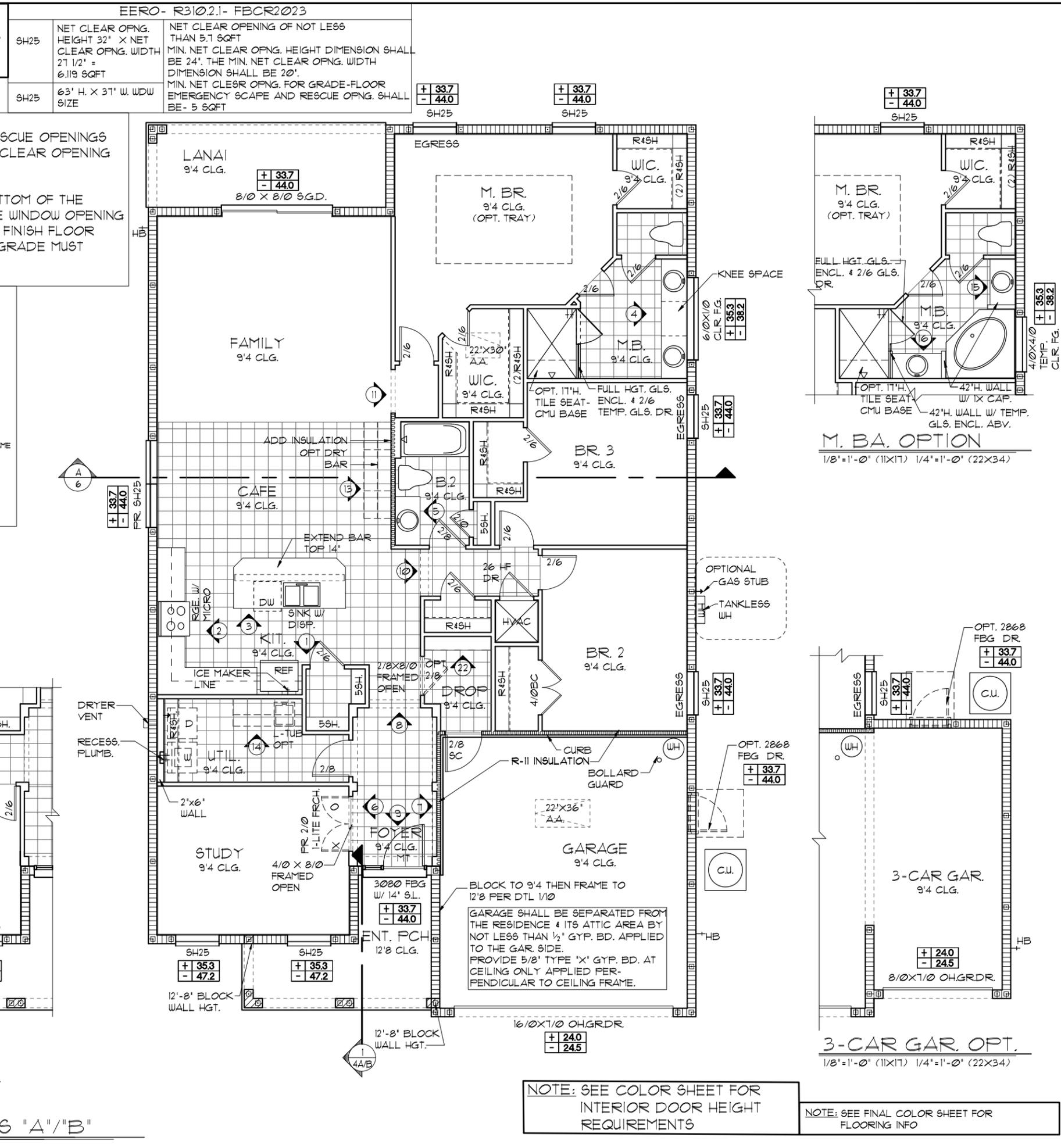
NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - 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 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



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

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



FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

1966

MARGATE II

FLOOR PLAN W/ NOTES

DATE 04-05-2017

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET

03AB

OF 00 SHEETS

REVISIONS

REVISIONS	BY
05-16-19	JF

ITEG
INTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529-3000

Park Square HOMES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

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

LOAD INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF

ROOF LIVE LOADS

ROOF: SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILING	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				
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 RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION +/- 1.0, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX	DESIGN WIND PRESSURE IAW FLA
- XXX	RESIDENTIAL CODE, SECTION R301

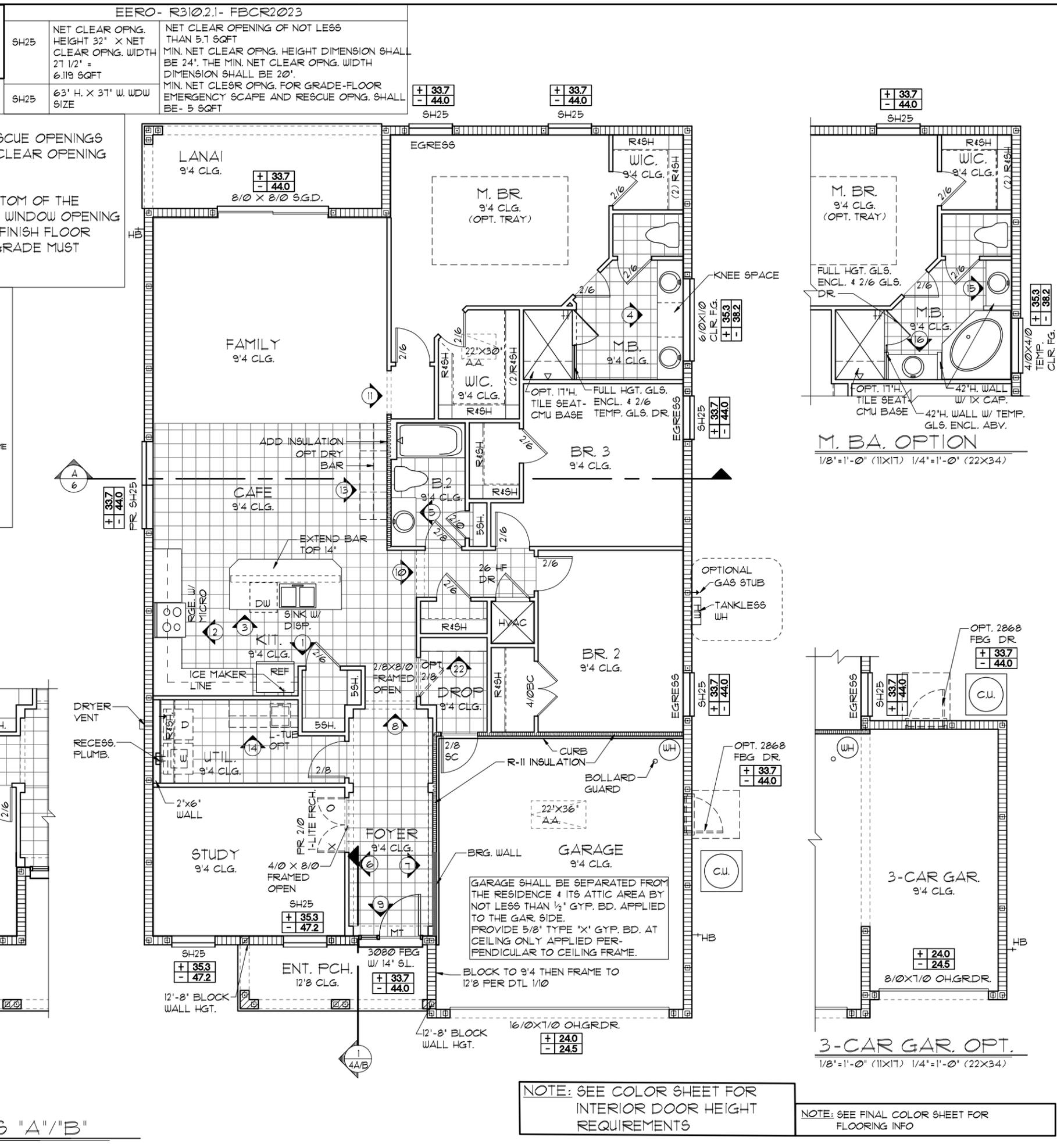
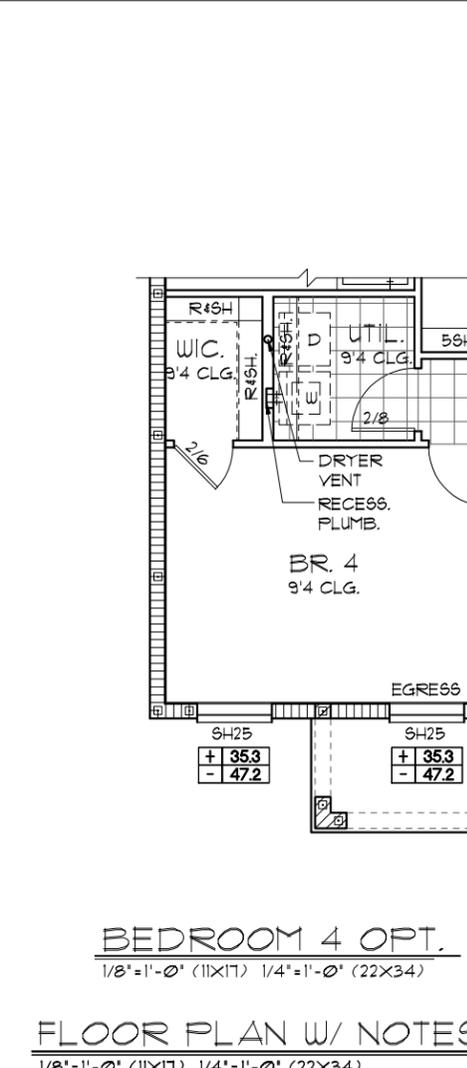
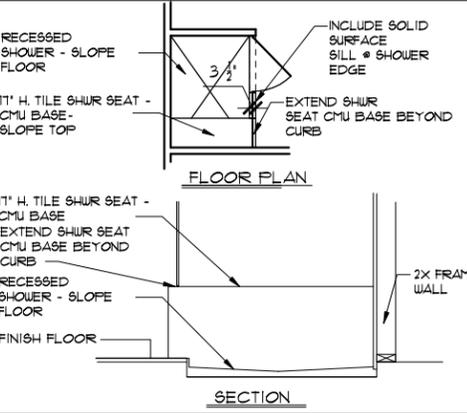
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 12'-8" AFF. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 9'-4" UNLESS NOTED OTHERWISE.
 - ALL INTER. SECOND FLOOR CEILING AT N/A UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20" MIN. 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. AFF. - 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 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



FLORIDA SERIES

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14001 W. BAYVIEW BLVD., SUITE 200
MIAMI, FL 33147
TEL: (305) 754-1400
WWW.ITEG.COM

Park Square HOMES

FLOOR PLAN W/ NOTES EXTENDED FOYER

1966 MARGATE II

DATE 04-05-2017

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET 03AB OF 00 SHEETS

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

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529-3000

LOAD INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	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			
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 RESIDENTIAL CODE

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

+ XXX	DESIGN WIND PRESSURE IAW FLA
- XXX	RESIDENTIAL CODE, SECTION R301

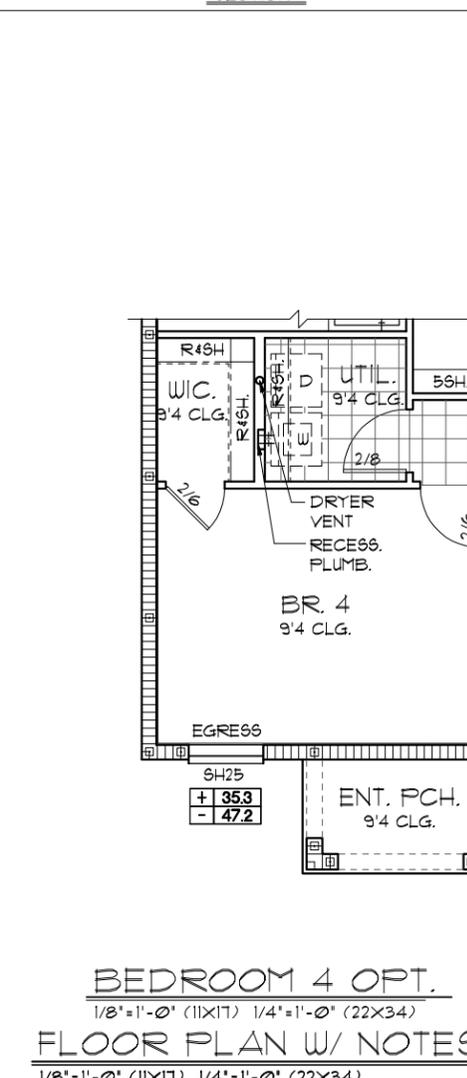
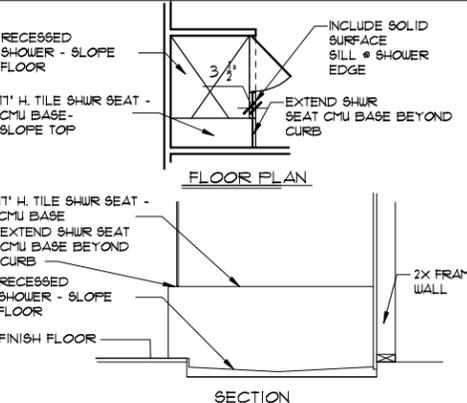
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 - | | |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 12'-8" AFF. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
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 - ALL INTER. SECOND FLOOR CEILINGS AT N/A UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 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

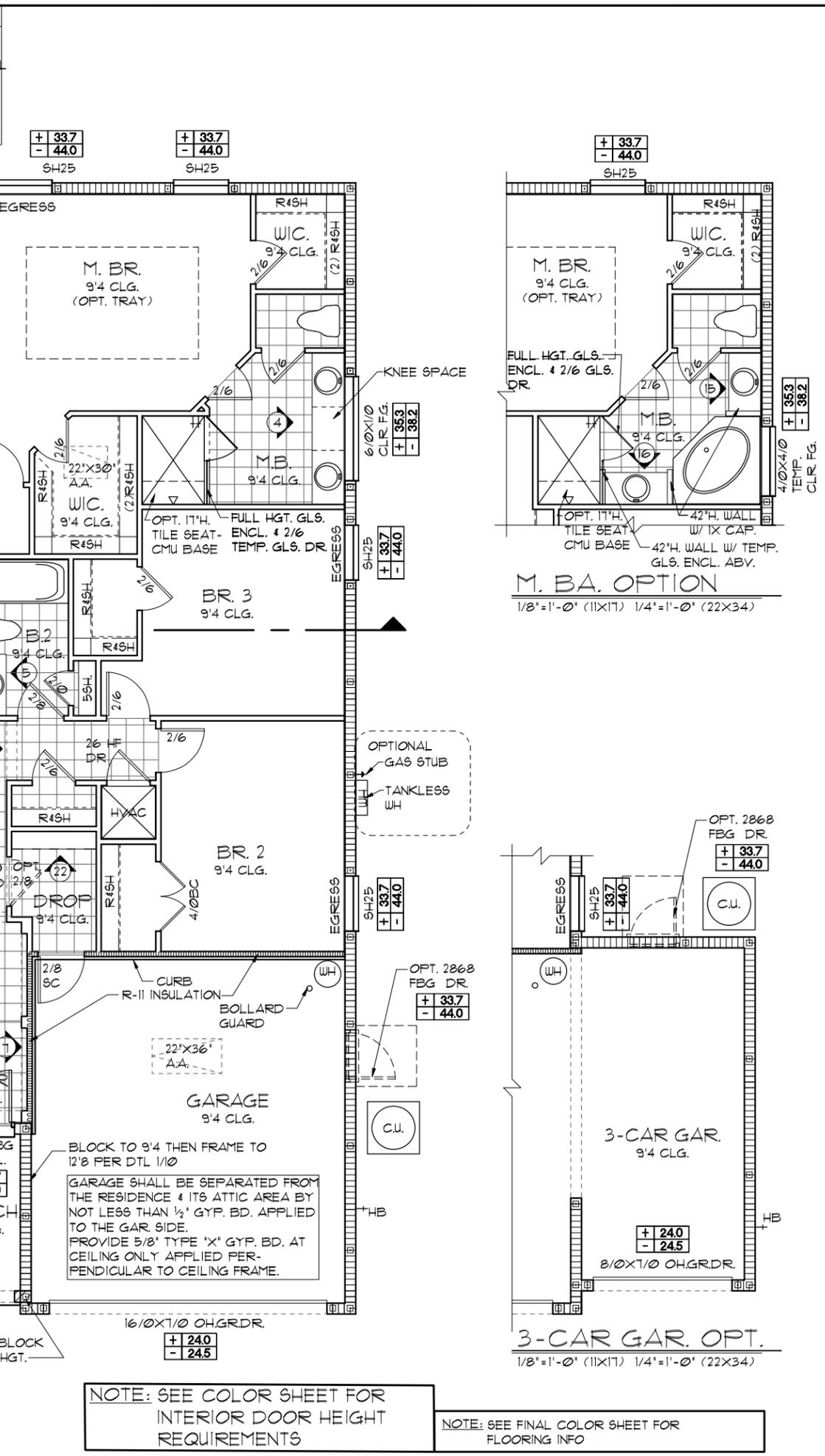
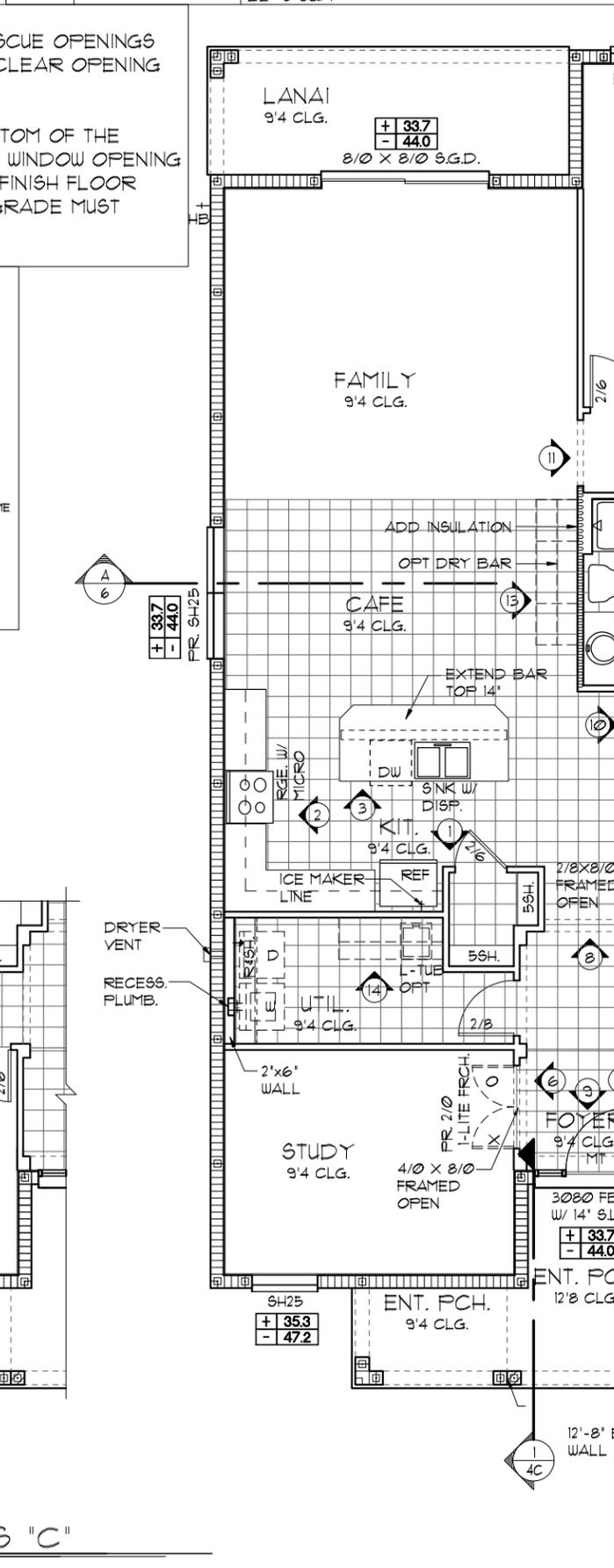
NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - 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 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPNG. OF NOT LESS THAN 5.7 SQFT
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".



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

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

1966 MARGATE II

FLOOR PLAN W/ NOTES

DATE 04-05-2017

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET

03C

OF 00 SHEETS

REVISIONS

REVISIONS	BY
05-16-19	JF

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Phone: (407) 529-3000

LOAD INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF

ROOF LIVE LOADS

ROOF: SHEATHING	5 PSF
STRUCTURE	1 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

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 RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
 - RISK CATEGORY: II
 - WIND EXPOSURE: B
 - BUILDING TYPE: V B
 - ENCLOSURE CLASSIFICATION +/- 10, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
 - 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

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- | | |
|--|---|
| | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF. |
| | DENOTES CONC. BLOCK WALL HGT. @ 12'-8" AFF. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.
- ALL INTER. SECOND FLOOR CEILINGS AT N/A UNLESS NOTED OTHERWISE.

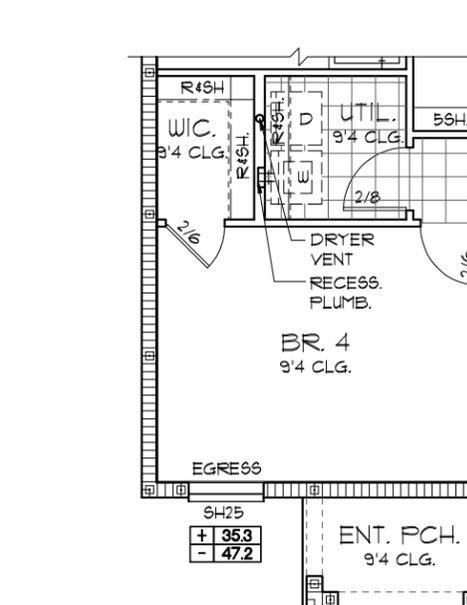
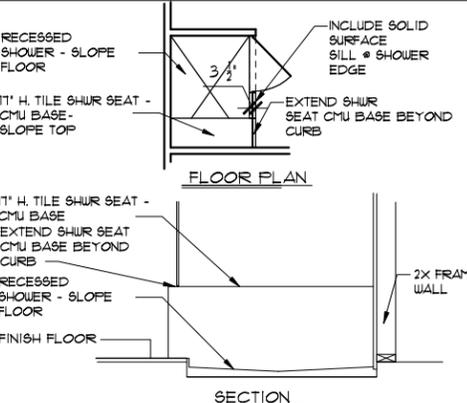
NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

EERO - R310.2.1 - FBCR2023

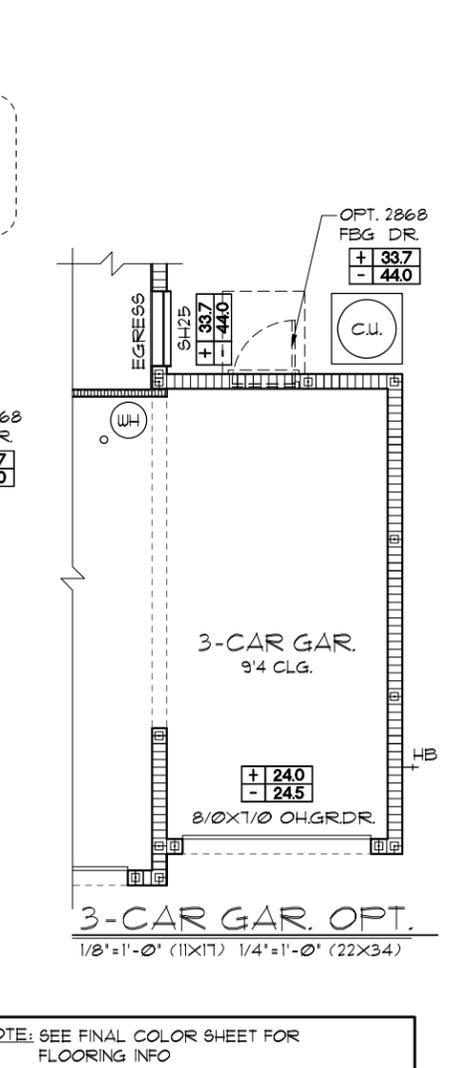
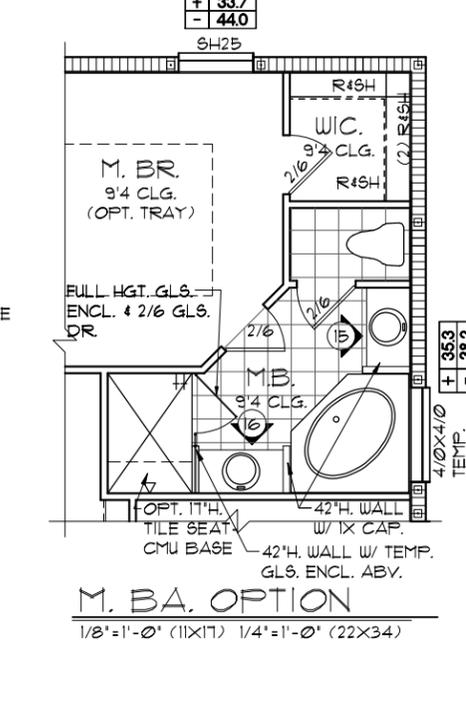
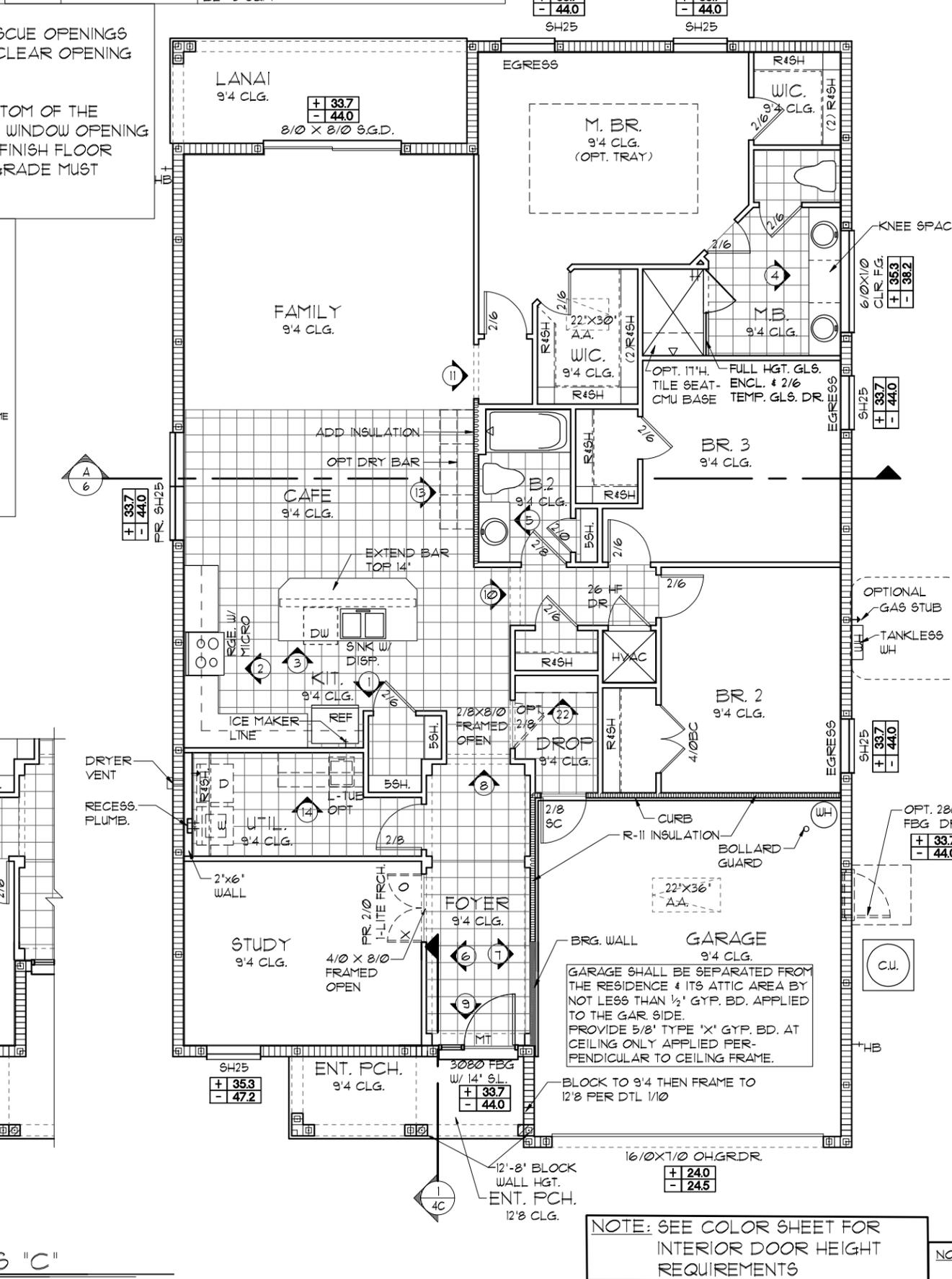
SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPNG. OF NOT LESS THAN 5.7 SQFT
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".
		MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - 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 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)
FLOOR PLAN W/ NOTES "C"
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

FLORIDA SERIES
LOT: 0000, COMMUNITY NAME
1966
MARGATE II

FLOOR PLAN W/ NOTES
EXTENDED FOYER

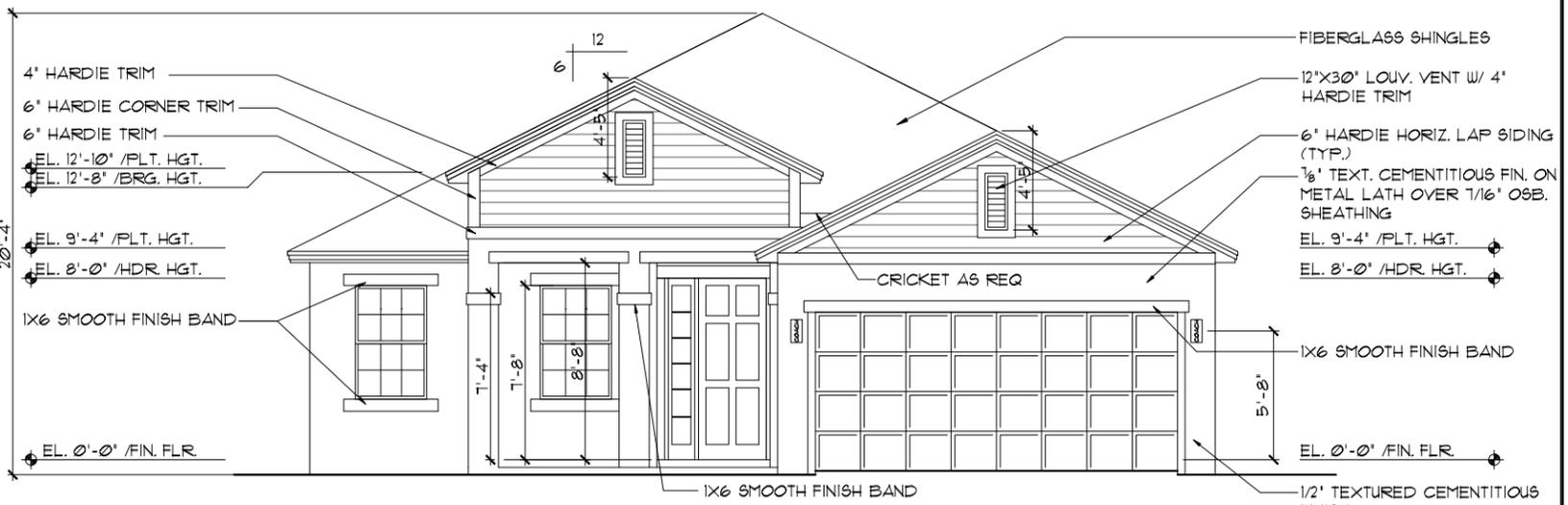
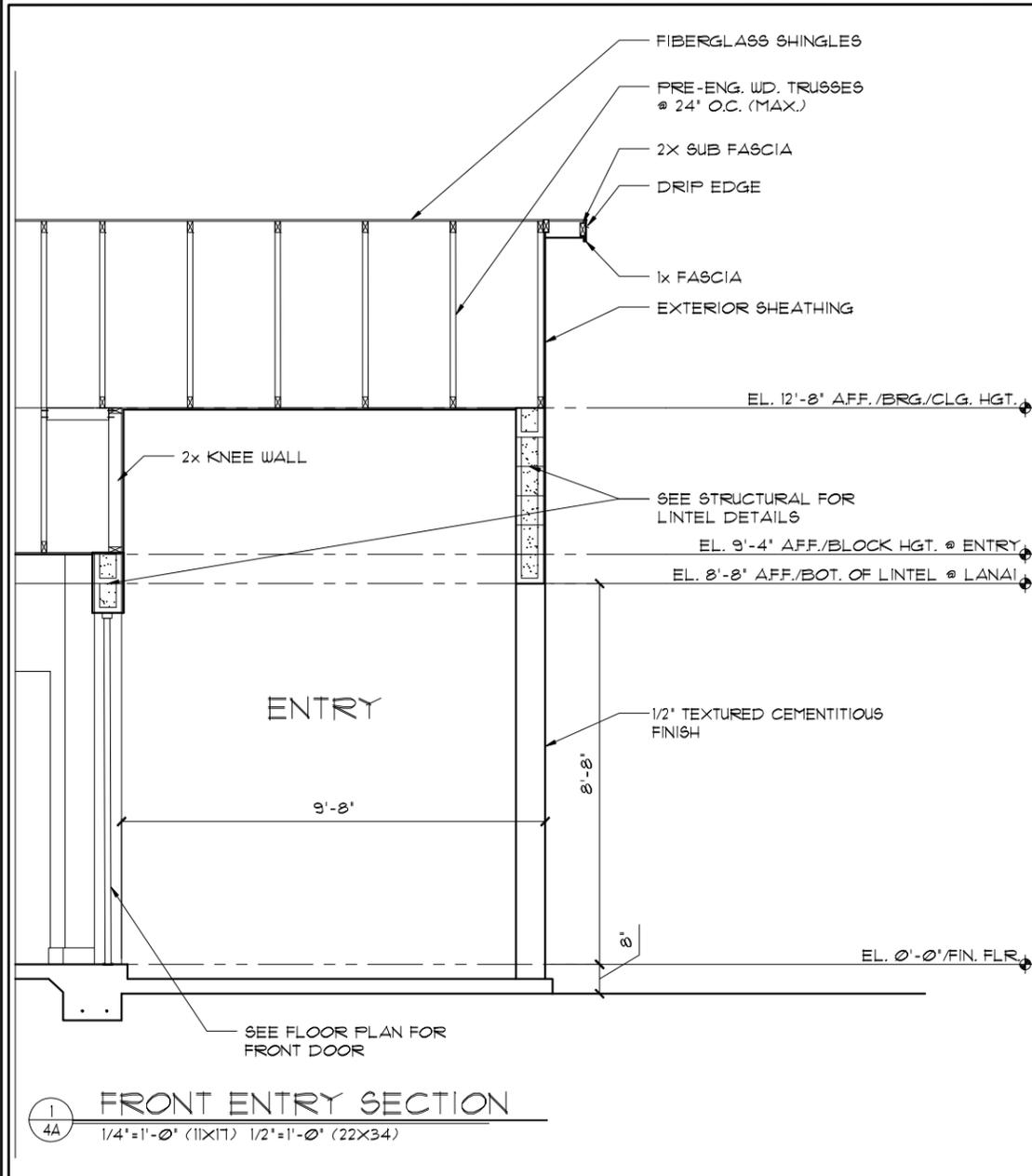
03C
 OF 00 SHEETS

REVISIONS	BY
05-16-19	JF

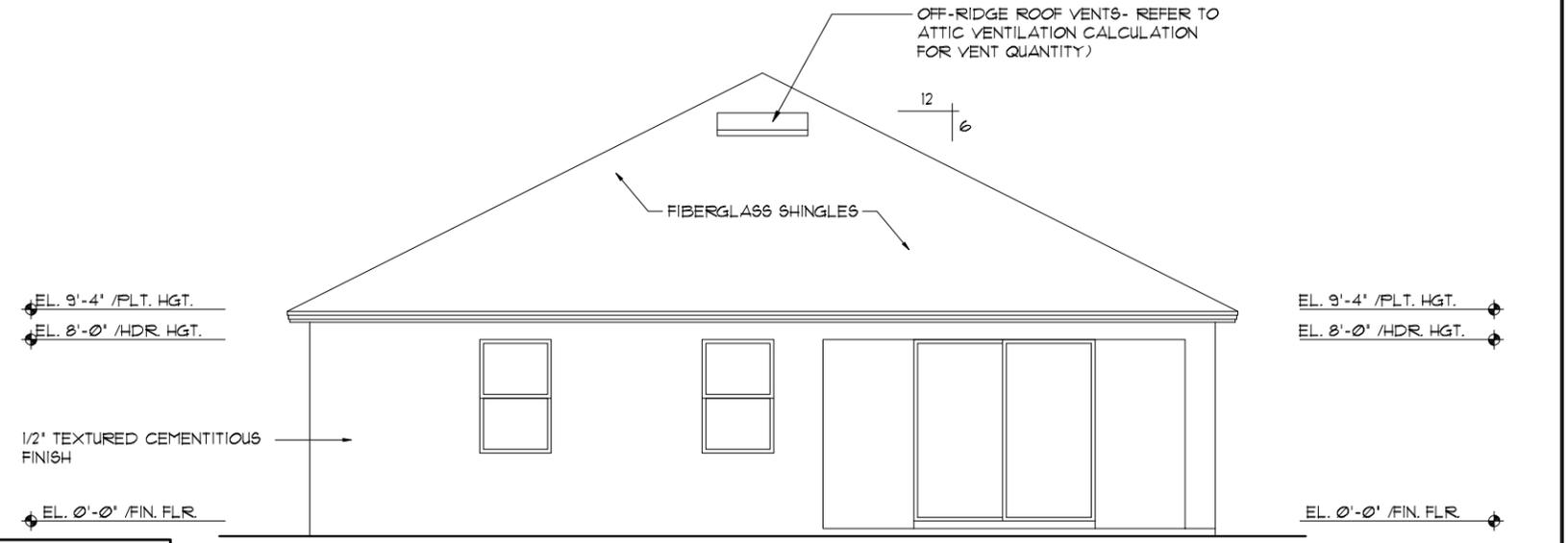
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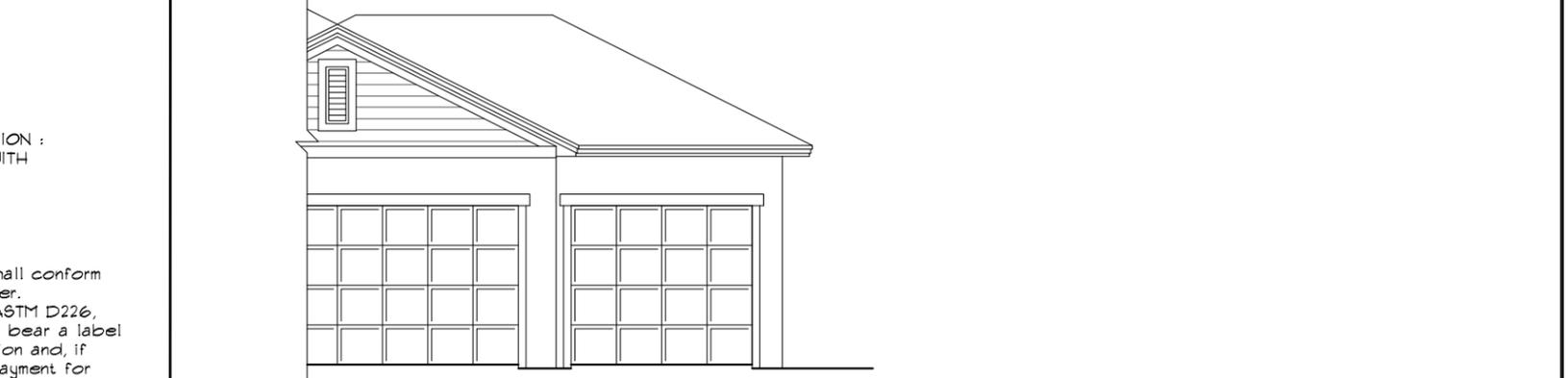
DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET



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)



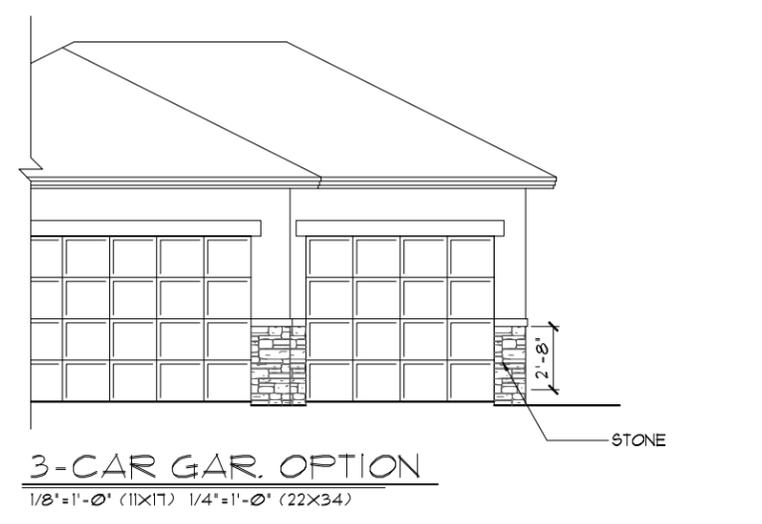
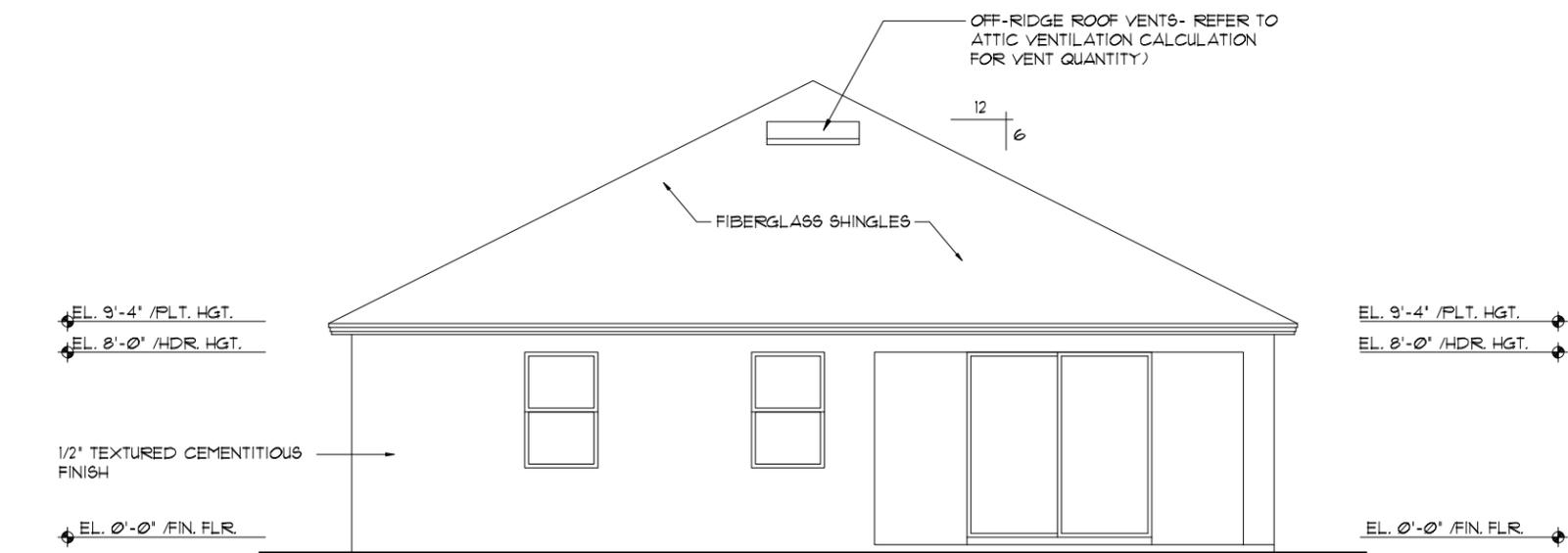
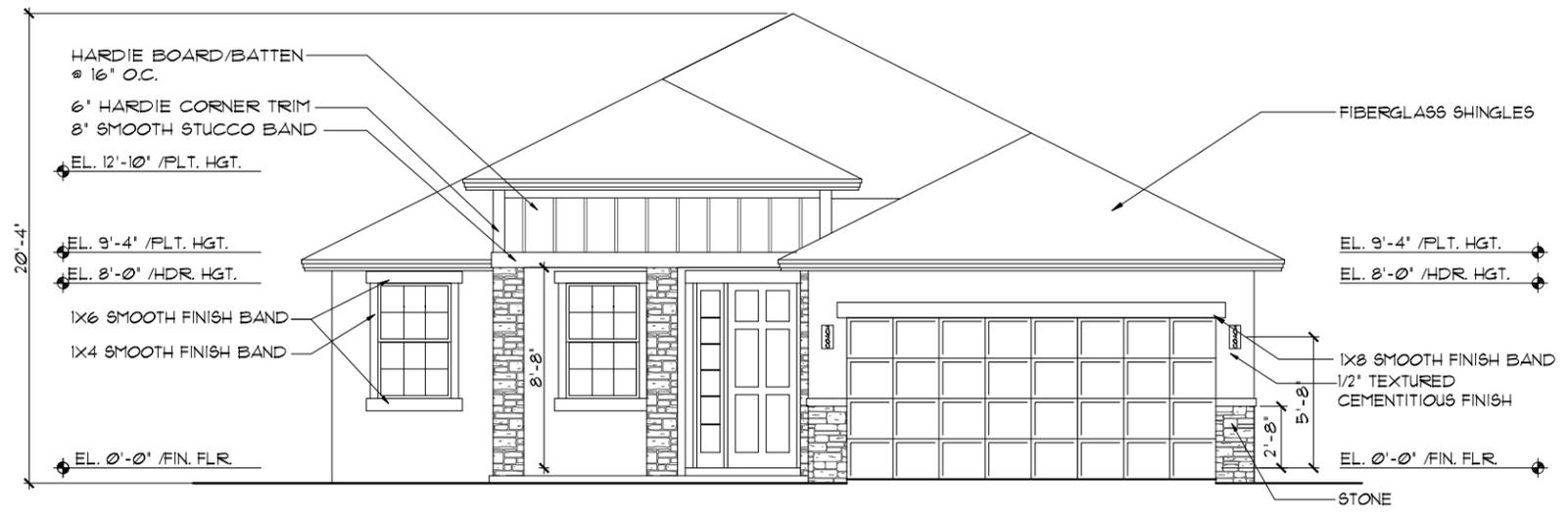
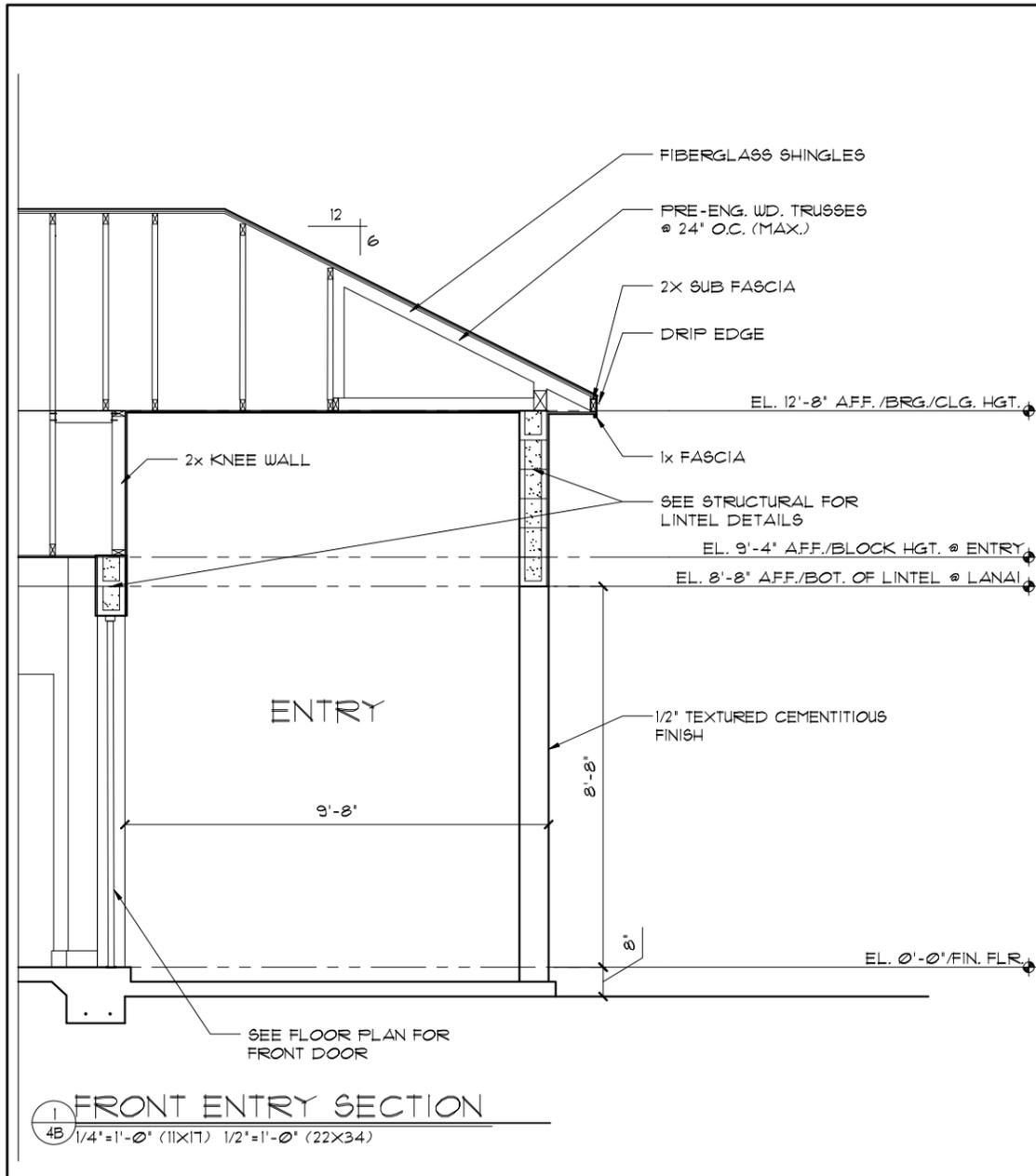
3-CAR GAR. OPTION
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 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 C1181 OR AS OTHERWISE APPROVED.
 - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR 2023
 - WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 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.
 - WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 8TH EDITION, FBCR 2023- INSTALLED OVER WOOD BASED SHEATHING SHALL INCLUDE A WATER RESISTIVE VAPOR PERMEABLE BARRIER EQUIVALENT TO 2 LAYERS OF GRADE D PAPER
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 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, D1910, D4869 and D6151, OR ASTM D8251 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 R305.1.1.1, R305.1.1.2 as applicable.

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LOT: 0000, COMMUNITY NAME
FLORIDA SERIES

ITEG ITC ENGINEERING GROUP, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 734-1700 www.iteg.com	
REVISIONS 05-16-19 JF	BY JF
A DIVISION OF PARK SQUARE ENTERPRISES, INC. Park Square HOMES 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
EXTERIOR ELEVATION FRONT AND REAR	
1966 MARGATE II	DATE 04-05-2017 SCALE AS NOTED DRAWN RDC JOB N/A SHEET 04A OF 00 SHEETS



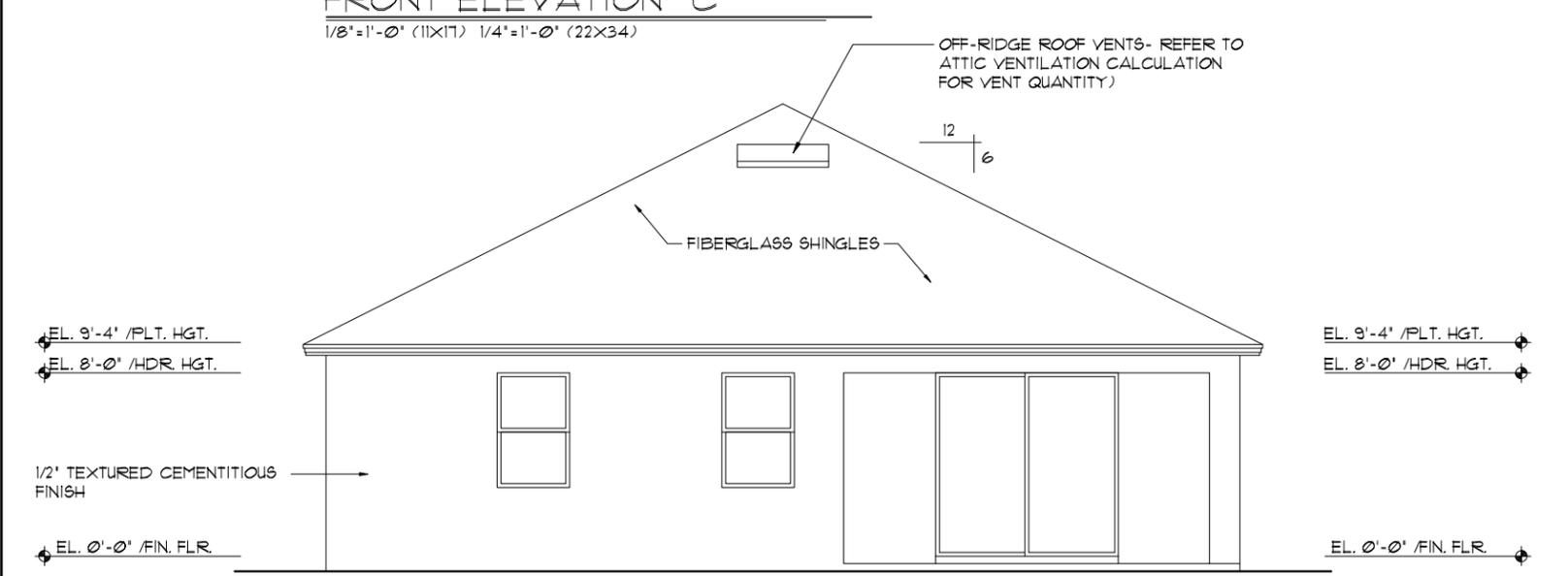
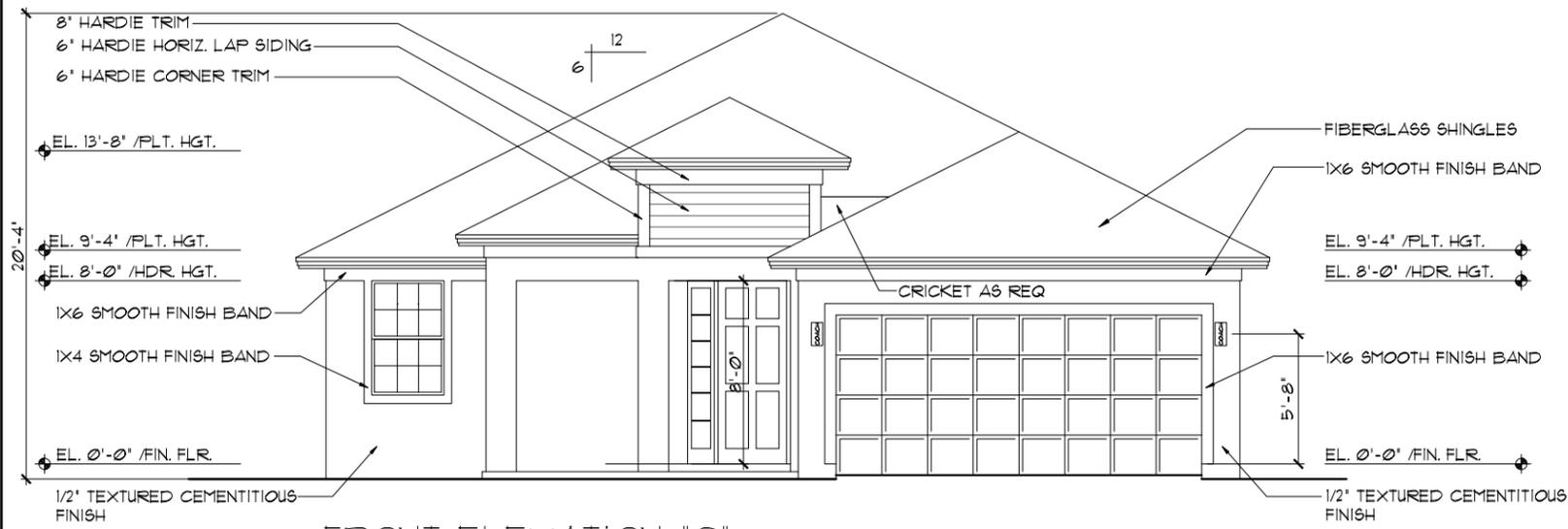
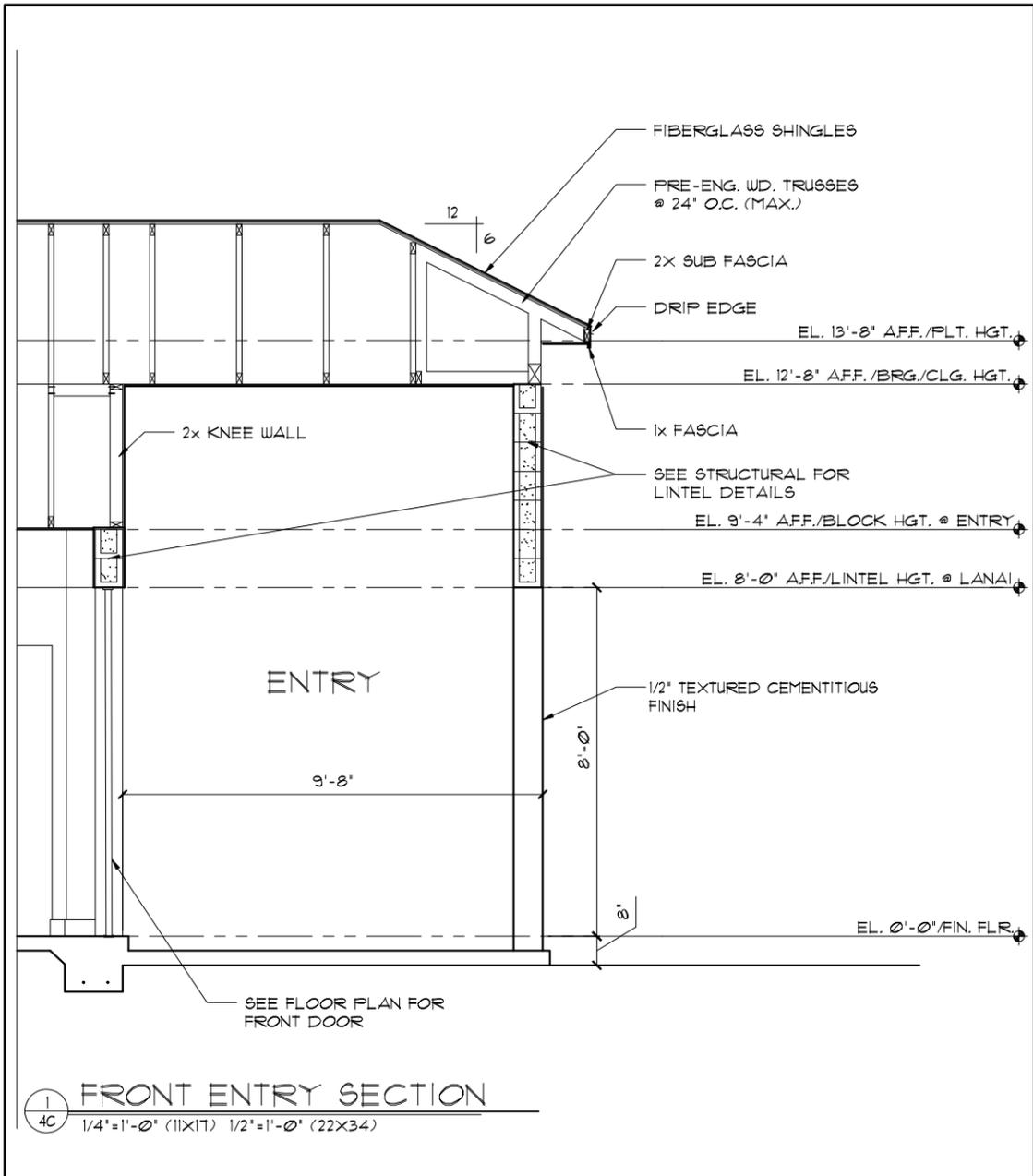
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1966
MARGATE II

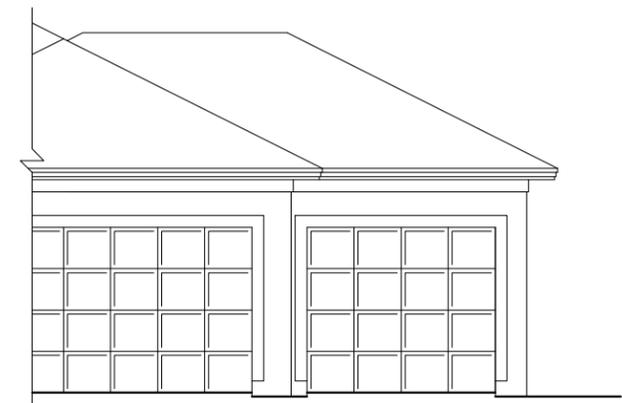
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REVISIONS	BY
05-16-19	JF

EXTERIOR ELEVATION FRONT AND REAR
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
04B
 OF 00 SHEETS



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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

LOT: 0000, COMMUNITY NAME: MARGATE II

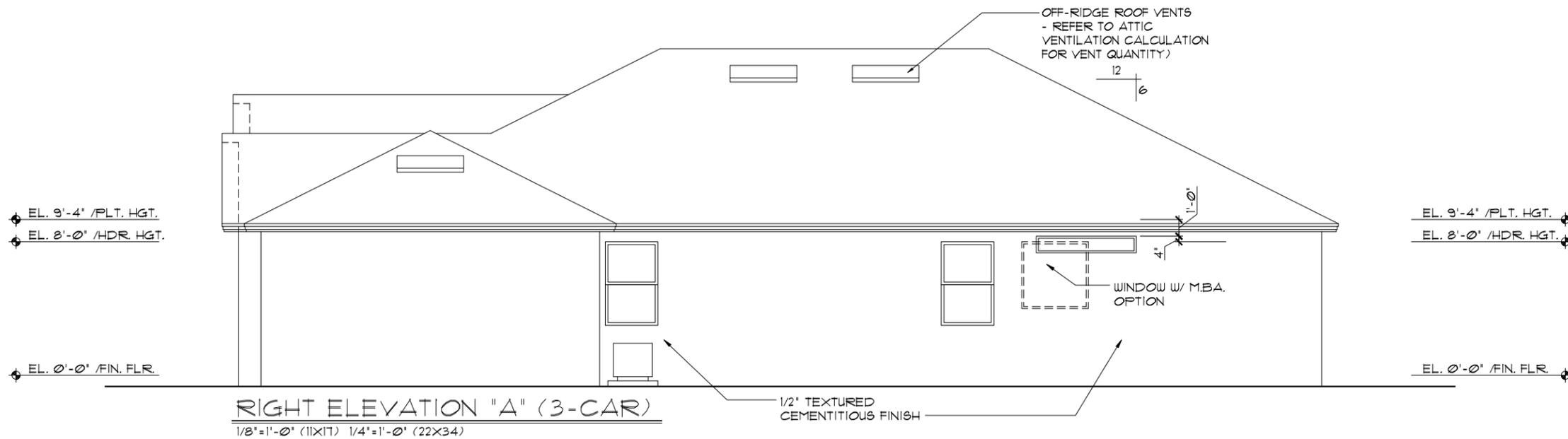
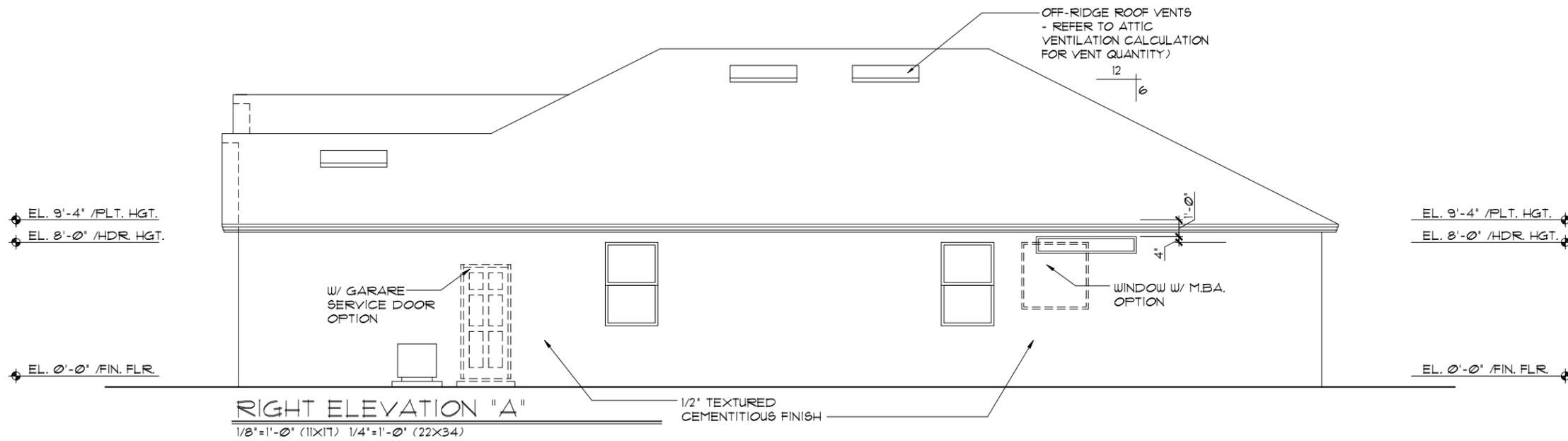
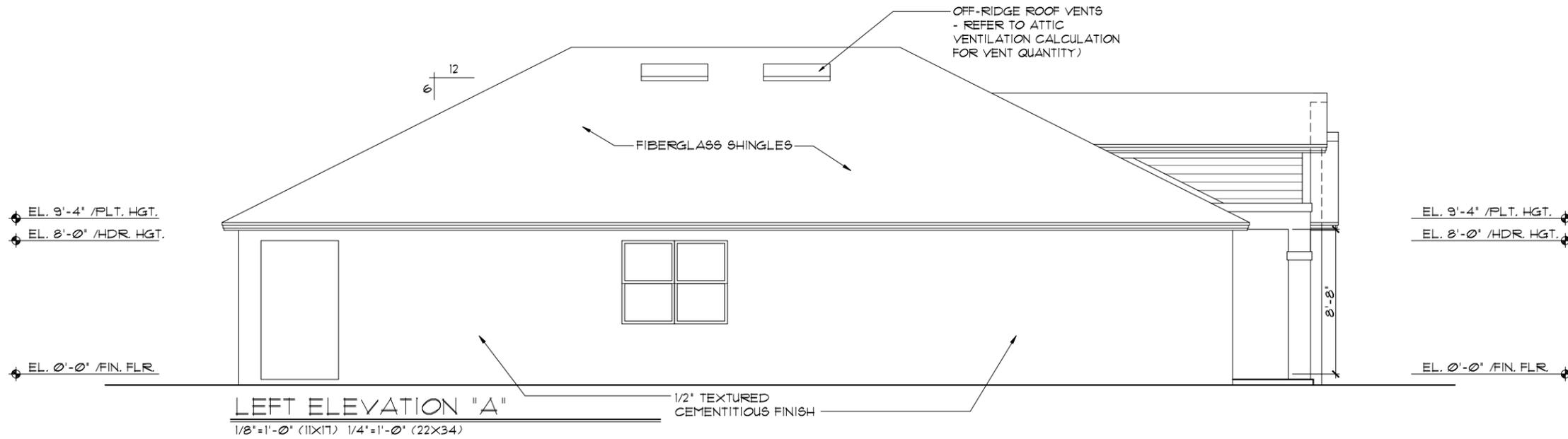
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REVISIONS	BY
05-16-19	JF

EXTERIOR ELEVATION FRONT AND REAR
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 04C OF 00 SHEETS

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR, 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR, 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBCR, 2023
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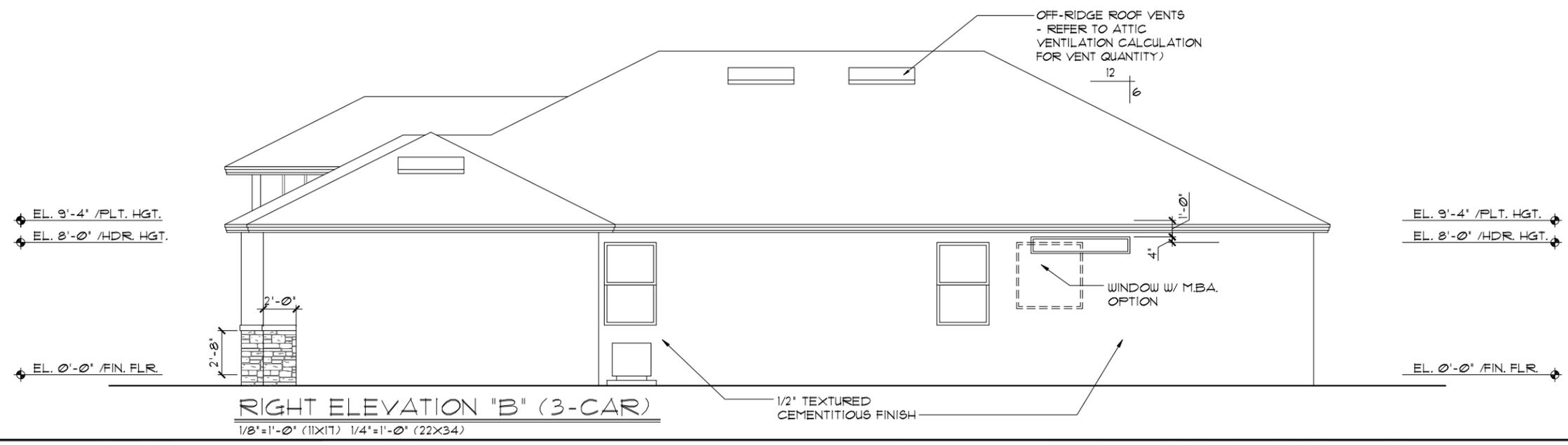
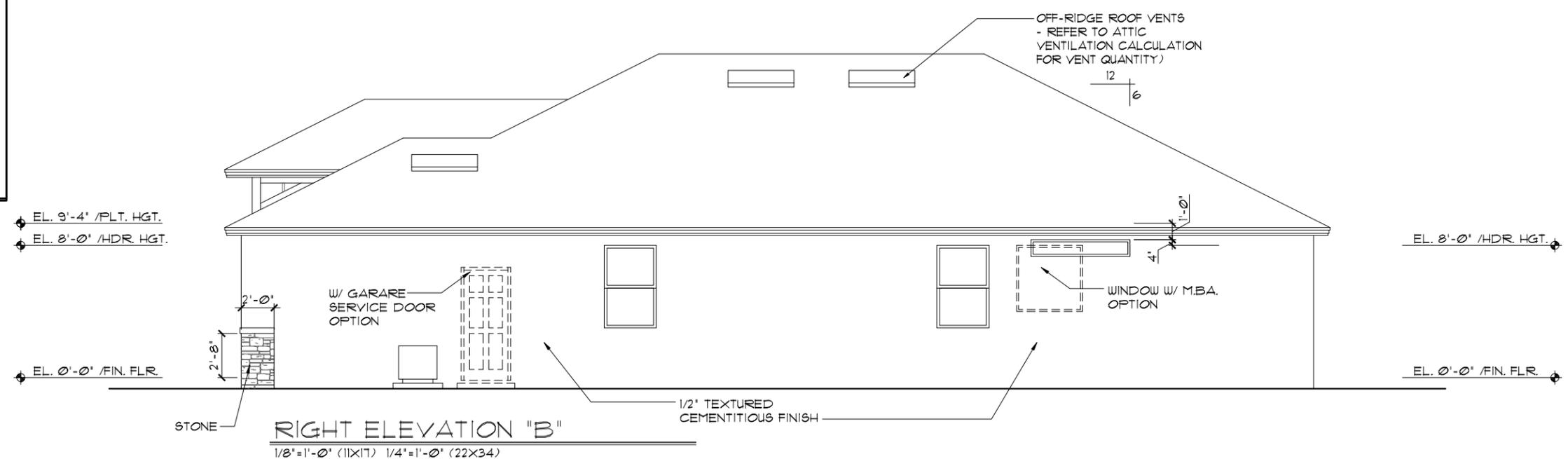
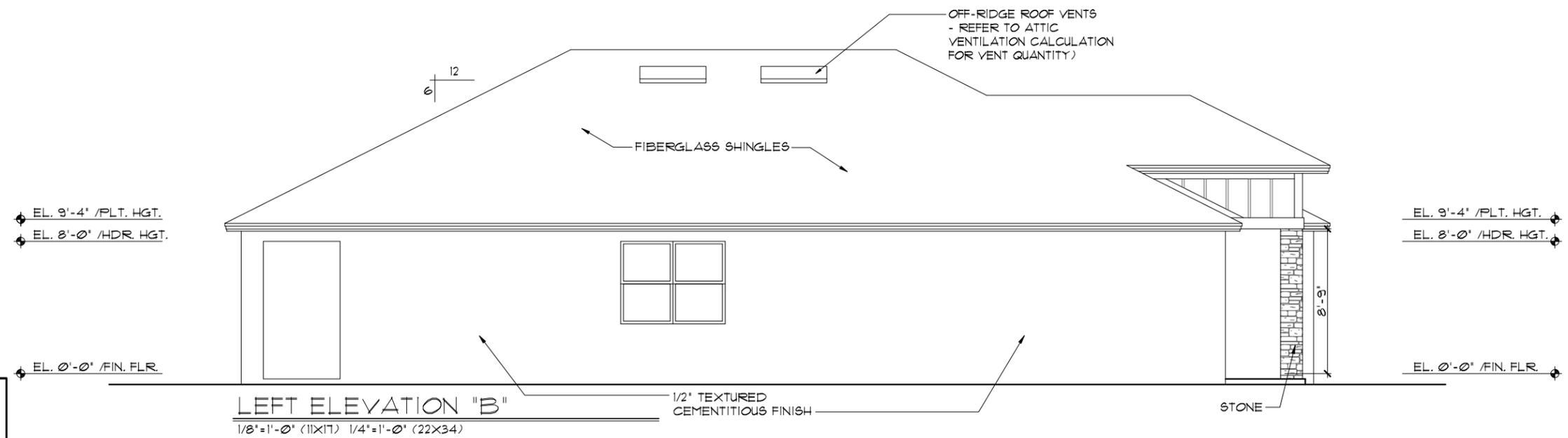
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REVISIONS	BY
05-16-19	JF

EXTERIOR ELEVATION LEFT AND RIGHT
 1966
 MARGATE II

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 05A OF 00 SHEETS

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR, 2023
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FLORIDA SERIES
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 Orlando, Florida, 32811
 Phone: (407) 529-3000

REVISIONS	BY
05-16-19	JF

DATE 04-05-2011
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 05B OF 00 SHEETS

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EXTERIOR ELEVATION LEFT AND RIGHT

1966
 MARGATE II

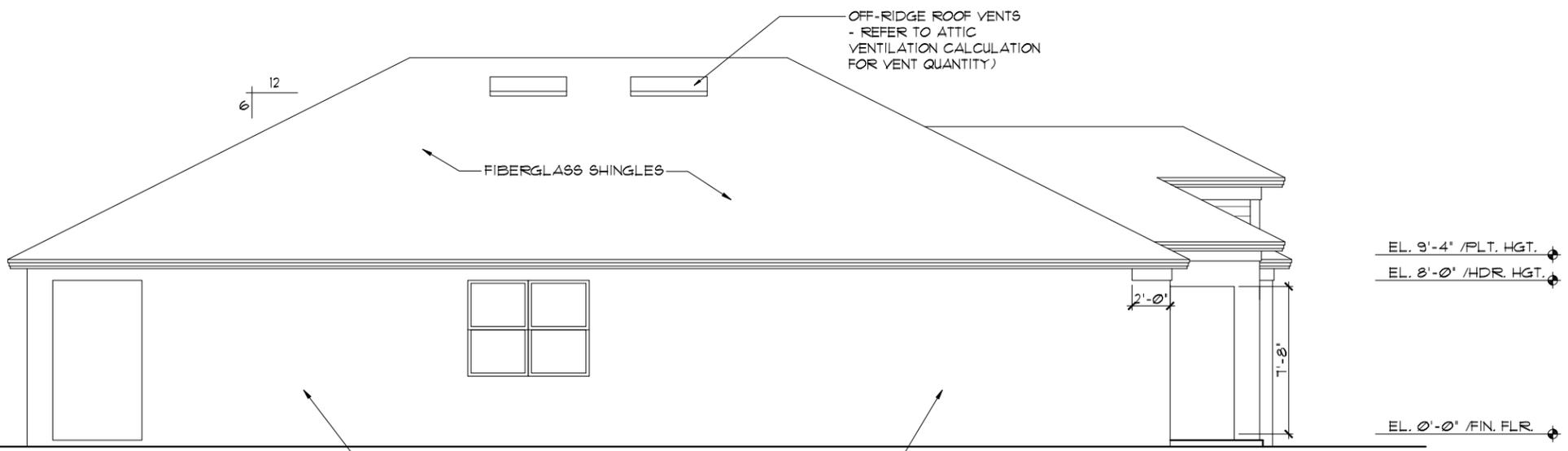
IATEC
 THOMPSON ENGINEERING GROUP, INC.
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 Orange, FL 32764
 Tel: (407) 734-1400
 Fax: (407) 734-1700
 www.iatec.com

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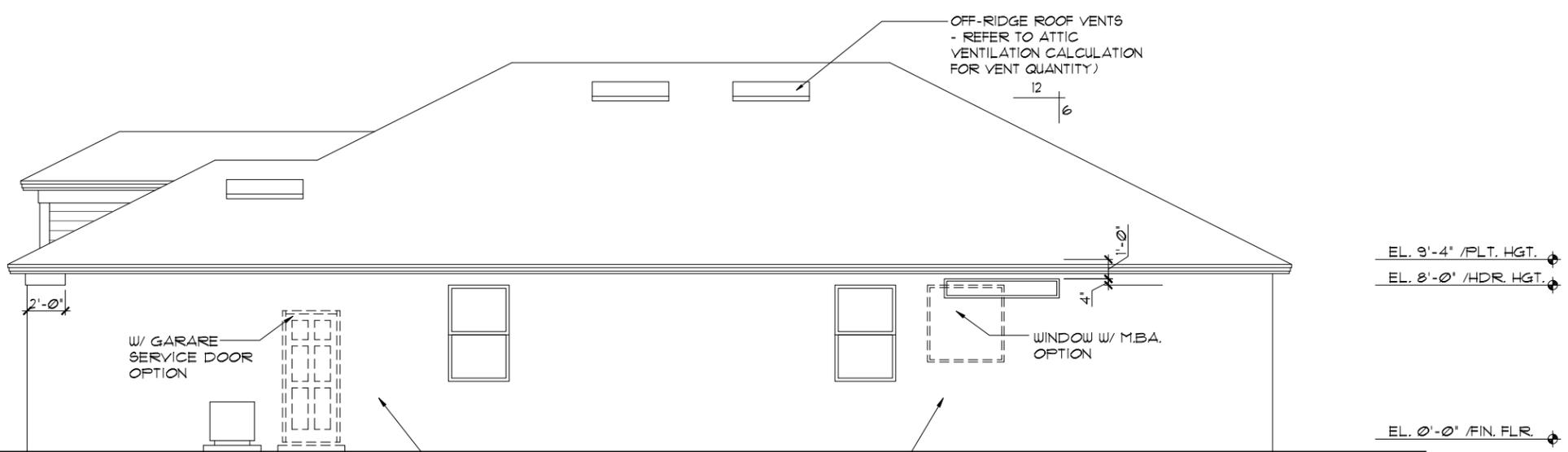
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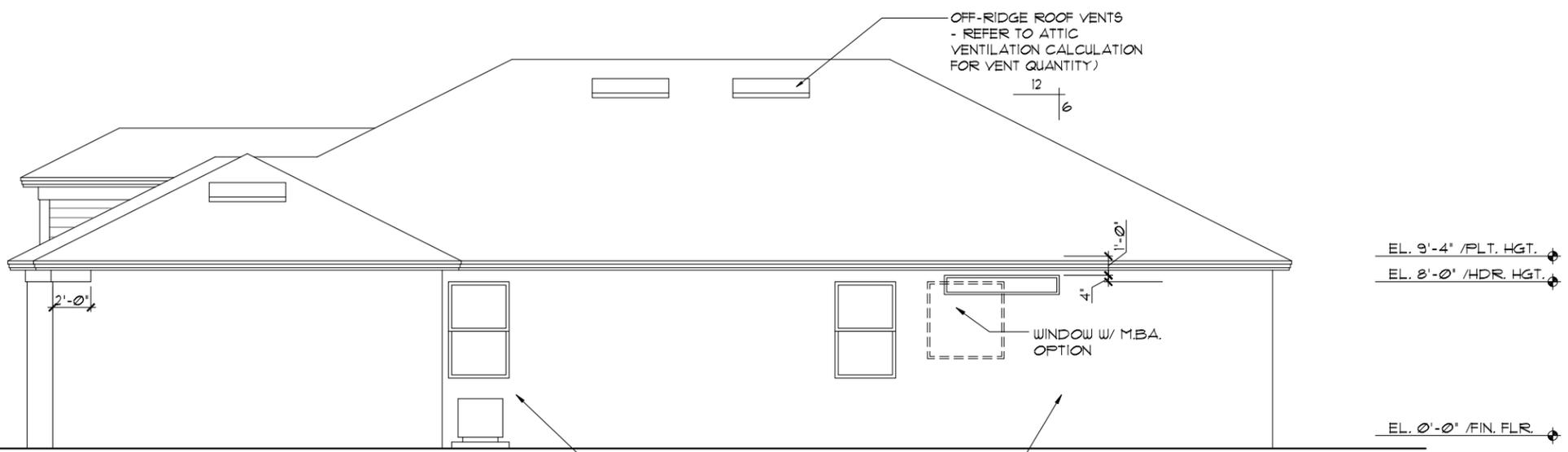
LEFT ELEVATION "C"

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



RIGHT ELEVATION "C"

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



RIGHT ELEVATION "C" (3-CAR)

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

FLORIDA SERIES

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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REVISIONS	BY
05-16-19	JF

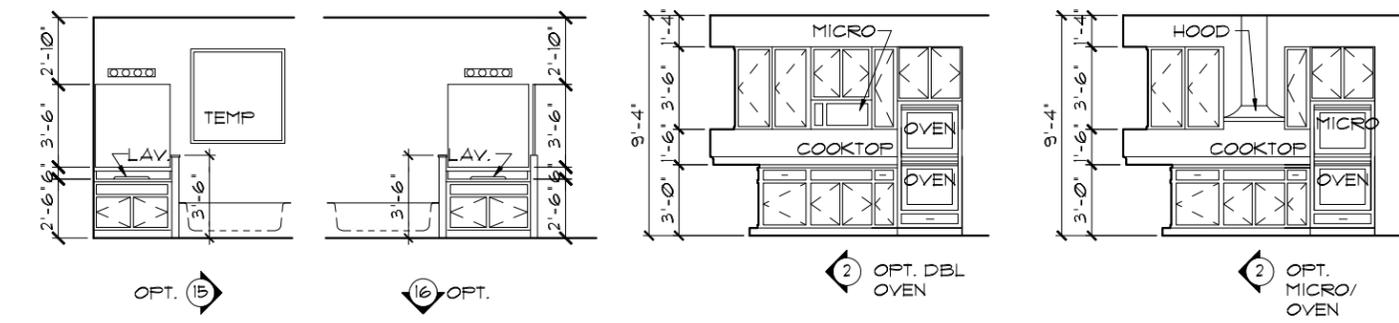
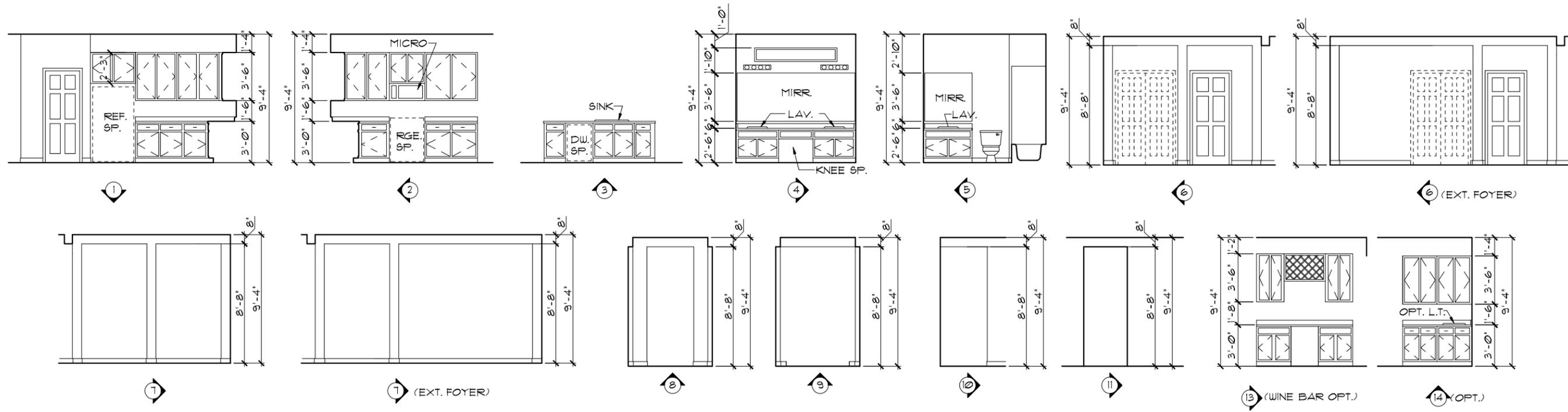
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 THOMPSON ENGINEERING GROUP, INC.
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 Orlando, Florida, 32811
 Phone: (407) 734-1790
 www.iteg.com

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

Park Square HOMES
 EXTERIOR ELEVATION LEFT AND RIGHT

1966
 MARGATE II

DATE	04-05-2017
SCALE	AS NOTED
DRAWN	RDC
JOB	N/A
SHEET	05C
OF	00 SHEETS

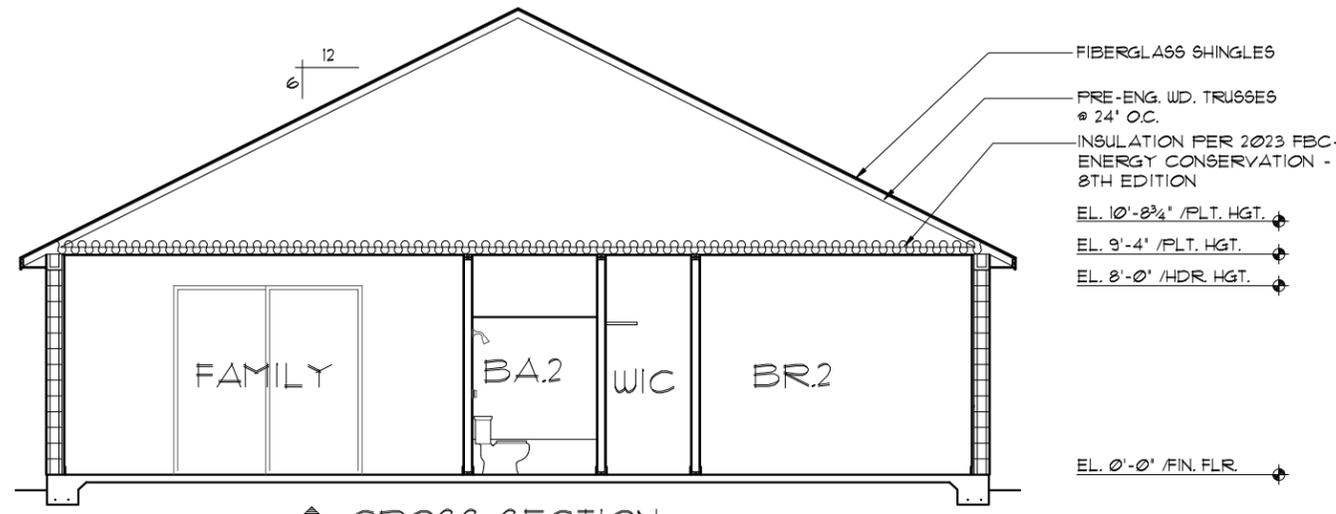


INTERIOR ELEVATIONS

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)
 NOTE: INTERIOR ELEVATIONS ARE CONCEPTUAL ONLY.
 SEE CABINET SHOP DRAWINGS FOR FINAL VERIFICATION.

INSULATION INFORMATION- FBC- ENERGY R402, TABLE R402.12

WALL TYPES	INSULATION
1. CONCRETE BLOCK - INT INSULATION, EXTERIOR	R= 4.0
2. FRAME- WOOD EXTERIOR	R= 13.0
3. FRAME -WOOD, ADJACENT	R= 13.0
CEILING TYPES	
1. UNDER ATTIC (VENTED)	R= 30.0



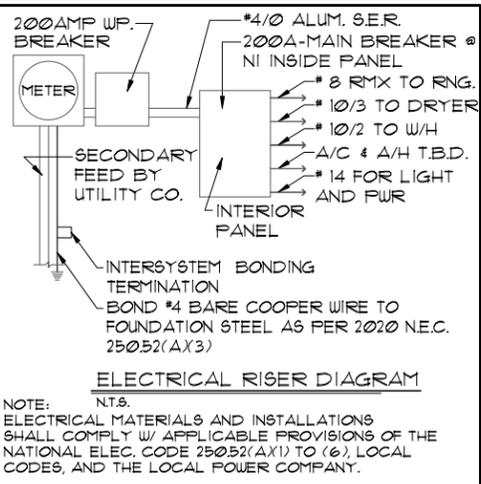
CROSS SECTION
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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 LOT: 0000, COMMUNITY NAME
 1966
 MARGATE II
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 06 OF 06 SHEETS

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 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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 REVISIONS BY
 05-16-19 JF
INTERIOR ELEVATIONS/ CROSS SECTION

MECHANICAL/GENERAL NOTES

- PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.
 - 4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR-STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL* TO BE USED ON THIS JOB TO BE:
 BRK: SMOKE-9120B, C/O- SC9120B
 KIDDE: SMOKE-21007581, C/O 21006377-N
 - 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. F2801.1
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.
 - 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020
 - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2)
 - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



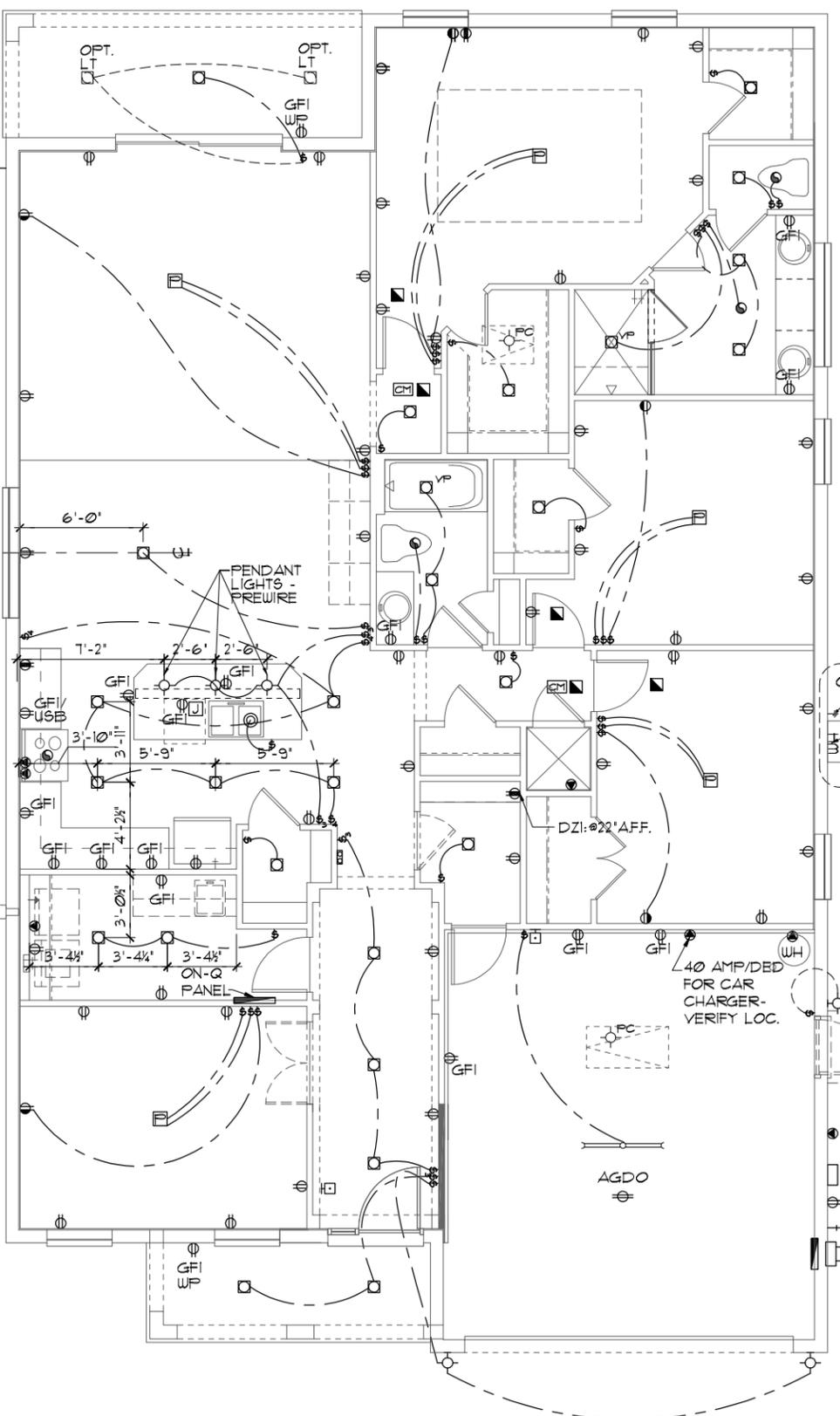
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes:
 (1) steel reinforcing bars or rods which are not less than 1/4 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete;
 (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

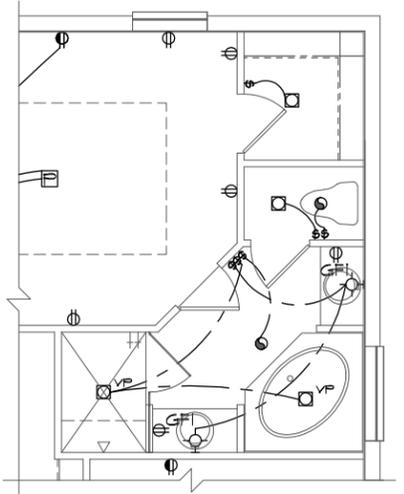
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

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.

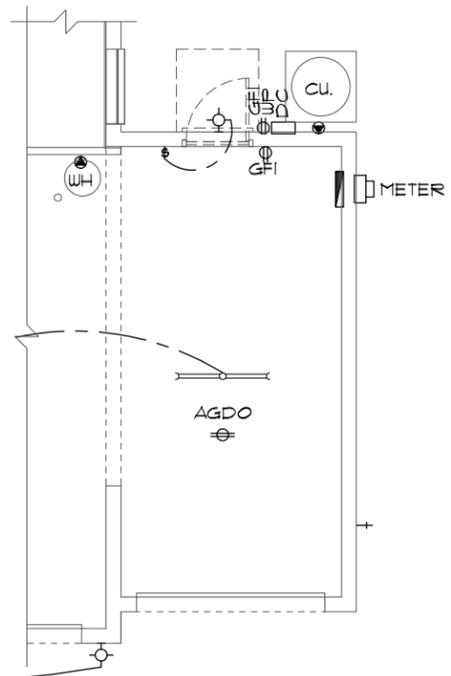


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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



M. B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



3-CAR GAR. OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS

NOTE: ON-Q BOX TO BE INSTALLED PER COMMUNITY SPECS

ELECTRICAL LEGEND			
⊞	SINGLE POLE SWITCH	⊞	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	⊞	OUTLET, PHONE
⊞	OUTLET 110-115	⊞	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPL. 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
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

LOT: 0000, COMMUNITY NAME
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Park Square HOMES

ELECTRICAL PLAN
 EXTENDED FOYER

1966
 MARGATE II

REVISIONS
 05-16-19
 BY
 JF

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
 07
 OF 00 SHEETS

MECHANICAL/GENERAL NOTES

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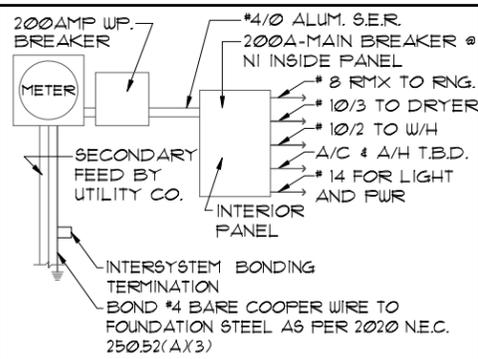
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
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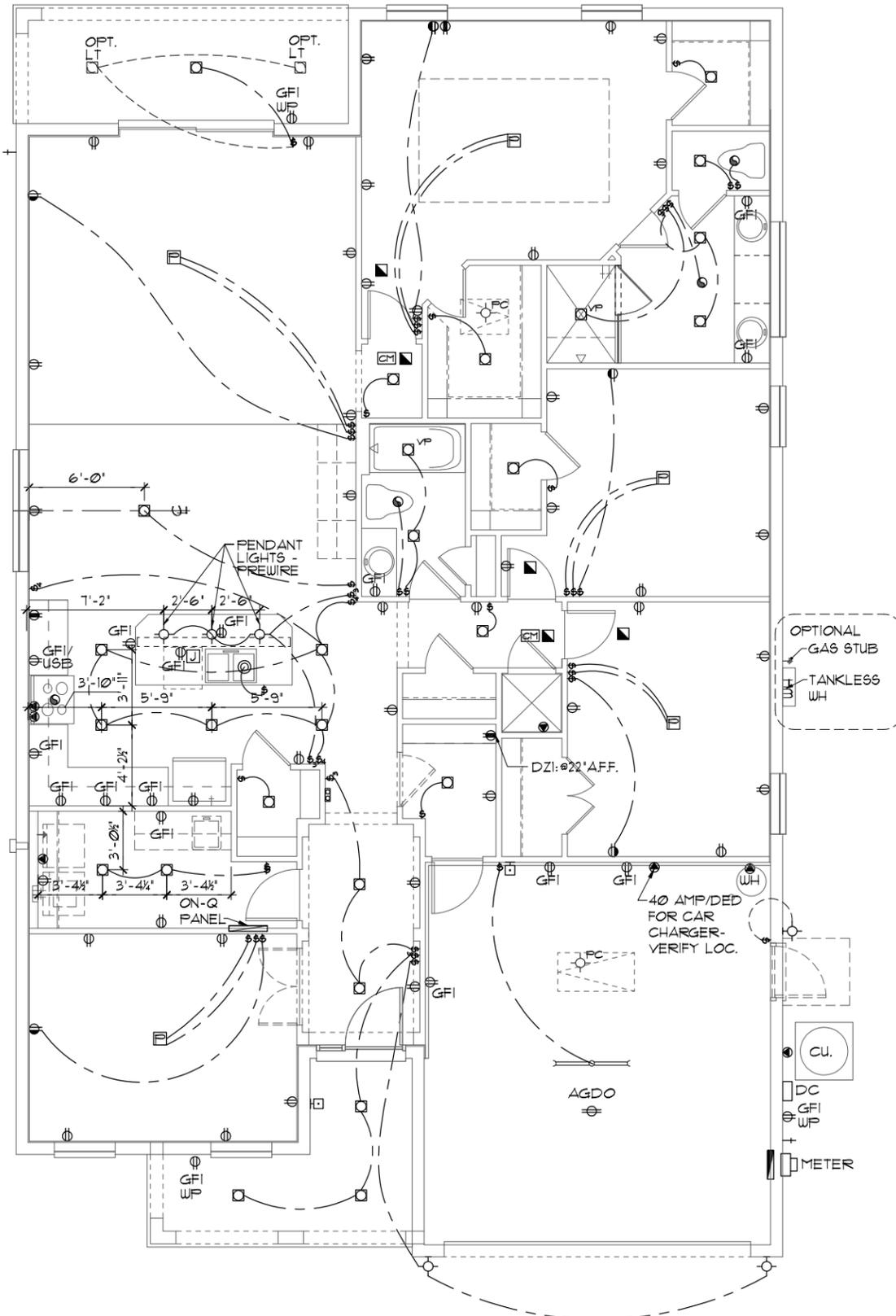
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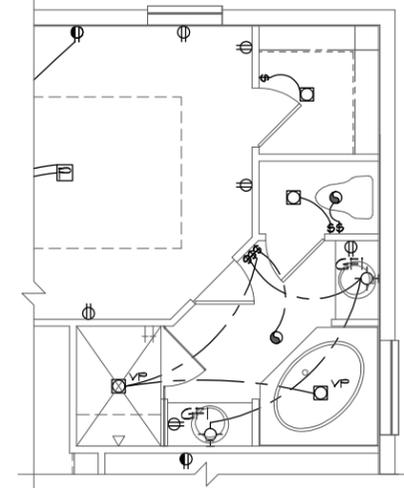


BEDROOM 4 OPT.

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

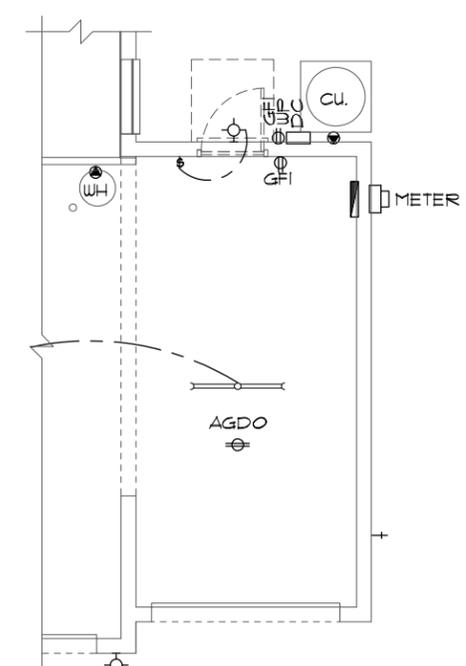
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⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPL. PURPOSE 220-240	⊞	EXHAUST FAN
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LOT: 0000, COMMUNITY NAME

1966

MARGATE II

ELECTRICAL PLAN

DATE 04-05-2017

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET

07

OF 00 SHEETS

FLORIDA SERIES

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FAX: (407) 754-1700
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REVISIONS

REVISIONS	BY
05-16-19	JF

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
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Phone: (407) 529 - 3000

PARK SQUARE HOMES

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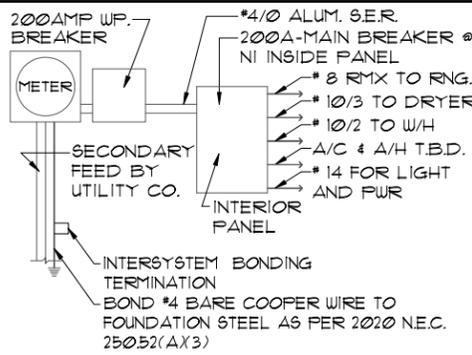
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ELECTRICAL RISER DIAGRAM

NOTE: N.T.S. 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.

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ELECTRICAL LEGEND

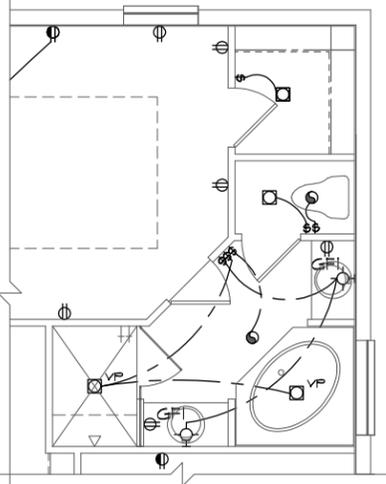
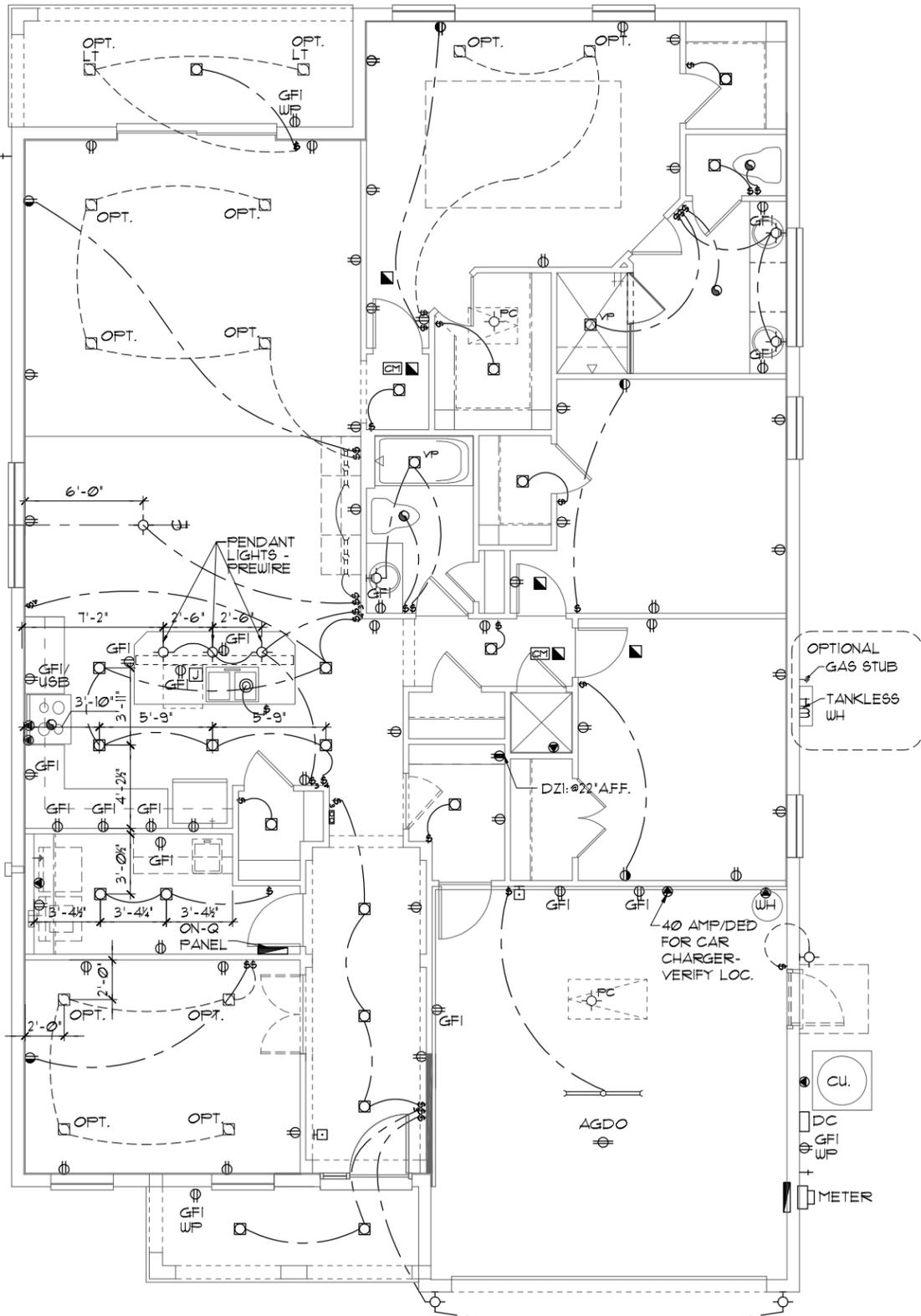
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⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
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⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
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BEDROOM 4 OPT.

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

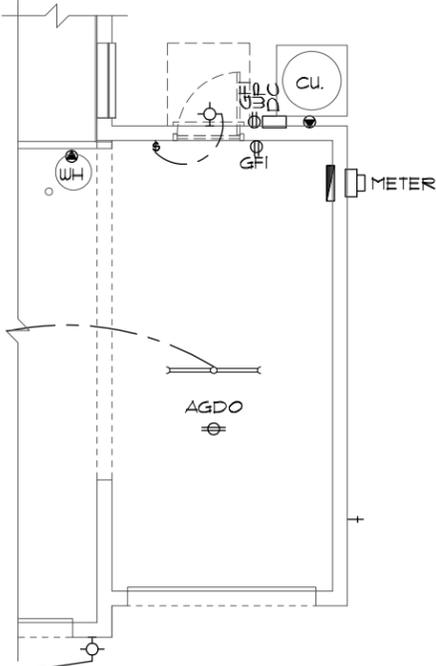
ELECTRICAL PLAN

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



M. B.A. OPTION

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



3-CAR GAR. OPT.

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

NOTE: ON-Q BOX TO BE INSTALLED PER COMMUNITY SPECS

NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

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

REVISIONS	BY
05-16-19	JF

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5200 VINELAND ROAD, SUITE 200
ORLANDO, FLORIDA 32811
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Park Square HOMES

ELECTRICAL PLAN
EXTENDED FOYER

1966

MARGATE II

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET 07
OF 00 SHEETS

MECHANICAL/GENERAL NOTES

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

2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.

A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.

4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

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

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. P280.1

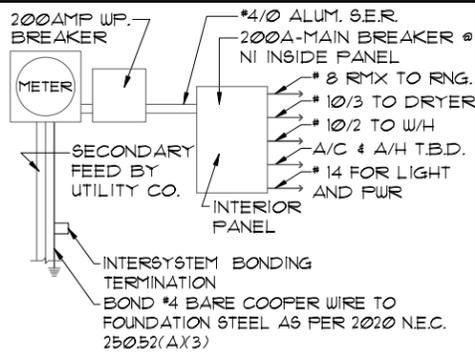
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
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.

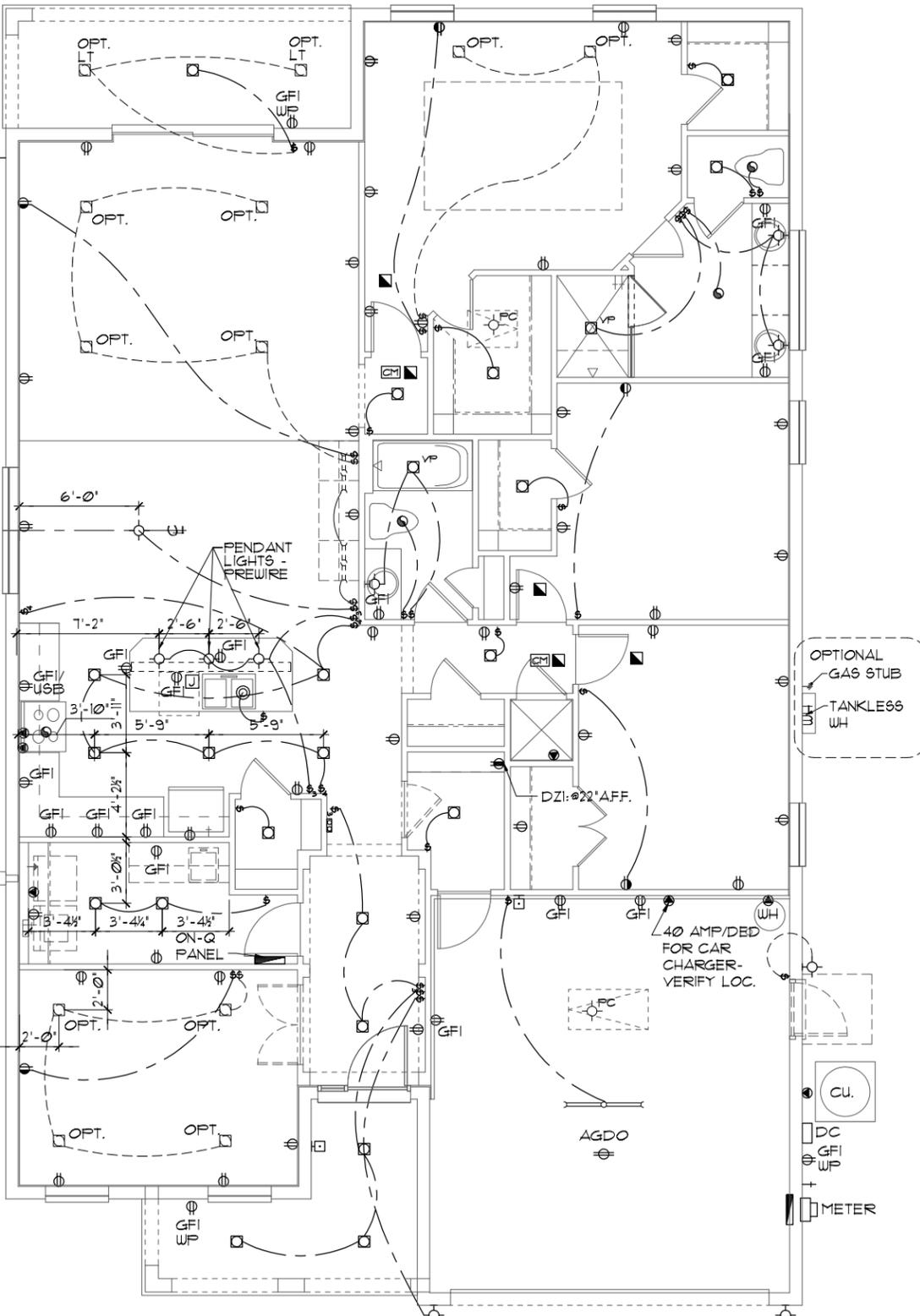
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes:
(1) steel reinforcing bars or rods which are not less than 1/4 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete;
(2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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 required.

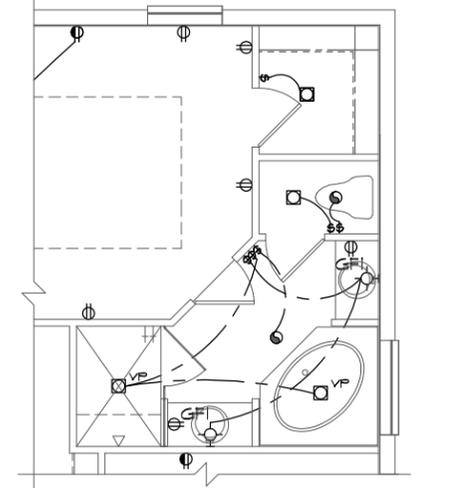


BEDROOM 4 OPT.

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

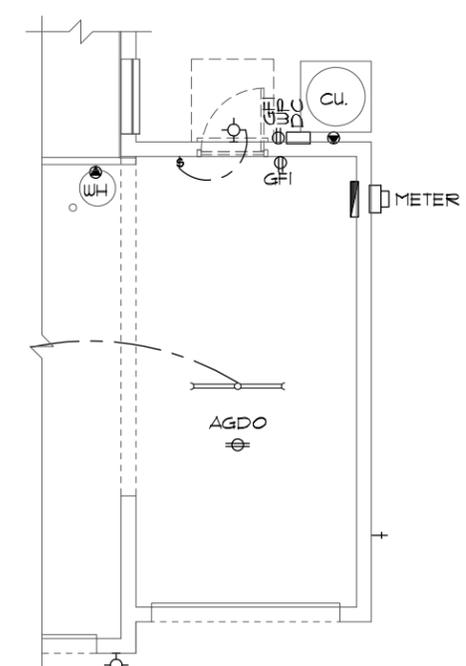
ELECTRICAL PLAN

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



M. B.A. OPTION

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



3-CAR GAR. OPT.

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

NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS

NOTE: ON-Q BOX TO BE INSTALLED PER COMMUNITY SPECS

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

LOT: 0000, COMMUNITY NAME
 1966
 MARGATE II
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 07
 OF 00 SHEETS

FLORIDA SERIES
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MECHANICAL/GENERAL NOTES
PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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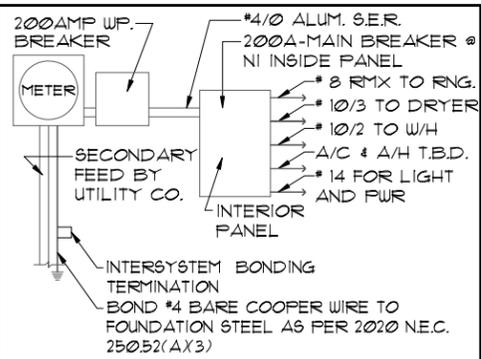
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ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
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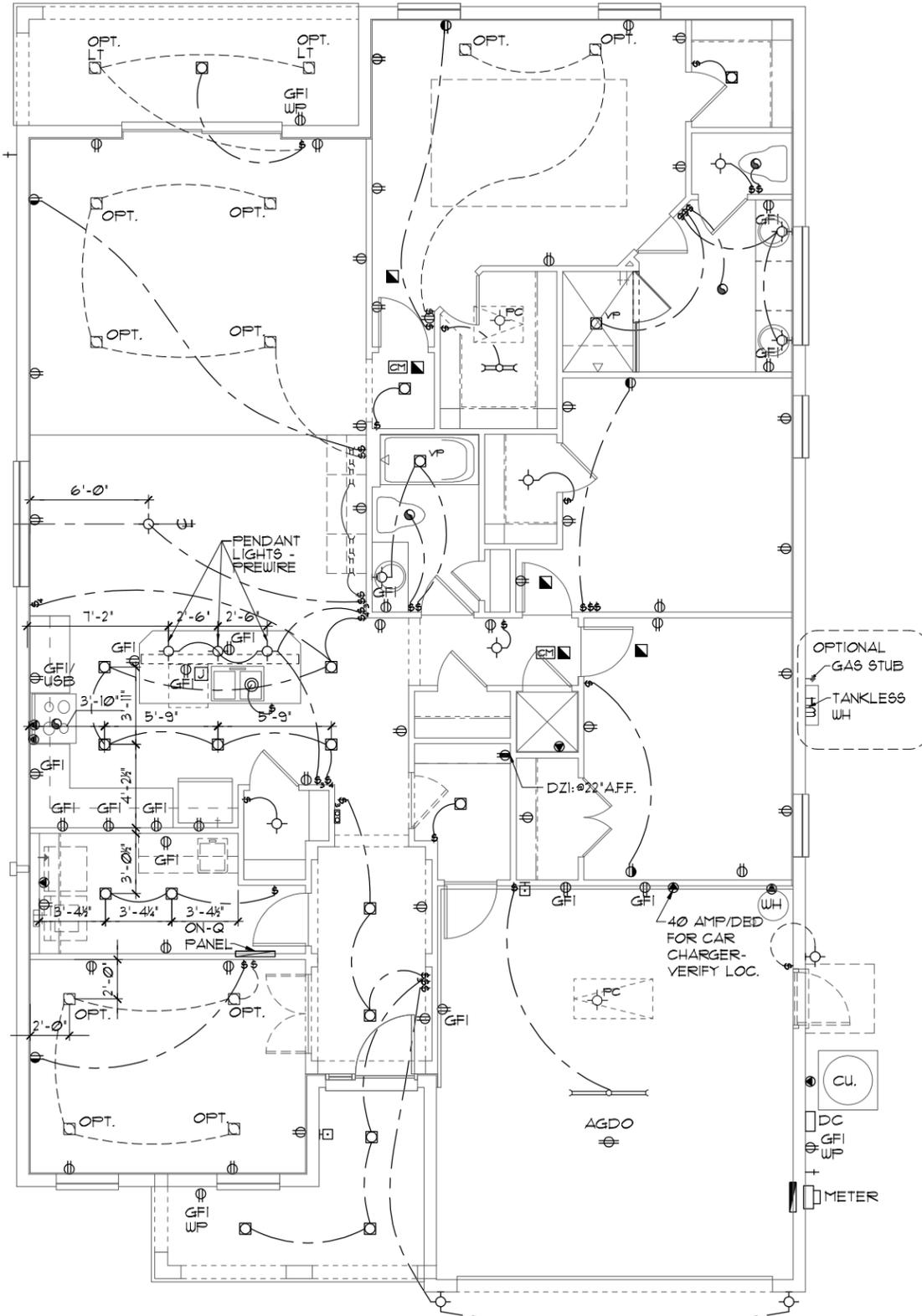
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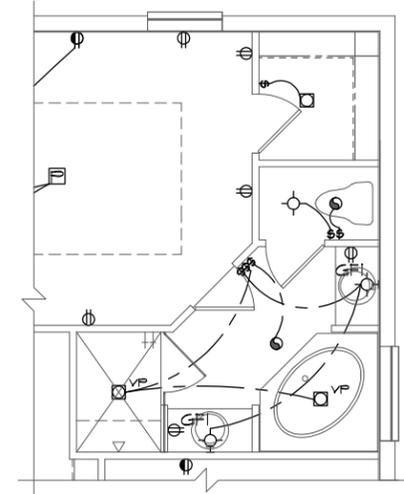


BEDROOM 4 OPT.

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

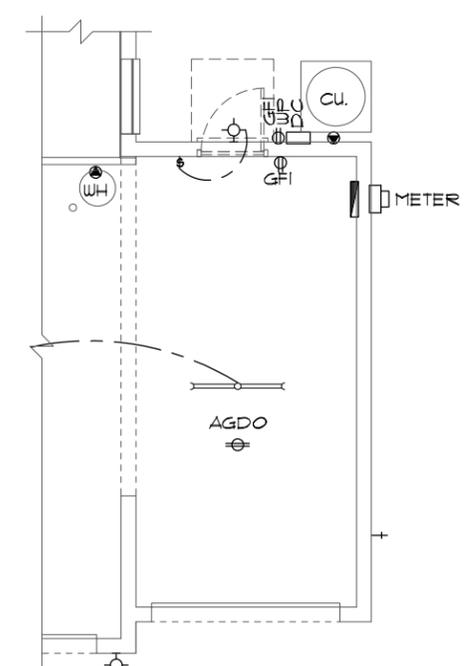
ELECTRICAL PLAN

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



M. B.A. OPTION

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



3-CAR GAR. OPT.

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

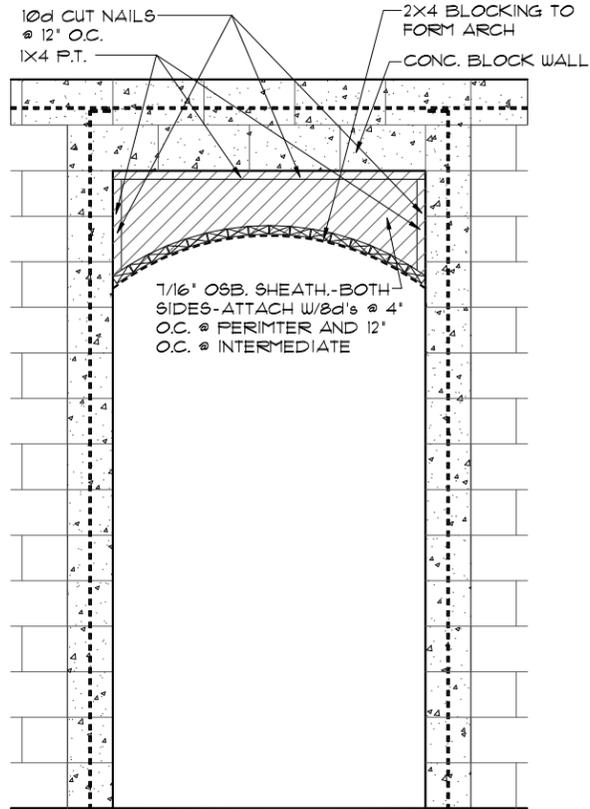
NOTE: ON-Q BOX TO BE INSTALLED PER COMMUNITY SPECS
NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS

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

LOT: 0000, COMMUNITY NAME
 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
 IATEC
 IATEC ENGINEERING GROUP, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 734-1790
 www.iatec.com
 REVISIONS

NO.	DATE	BY
05-16-19		JF

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 Park Square HOMES
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529-3000
 ELECTRICAL PLAN
 1966
 MARGATE II
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 07
 OF 00 SHEETS



4
8A
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

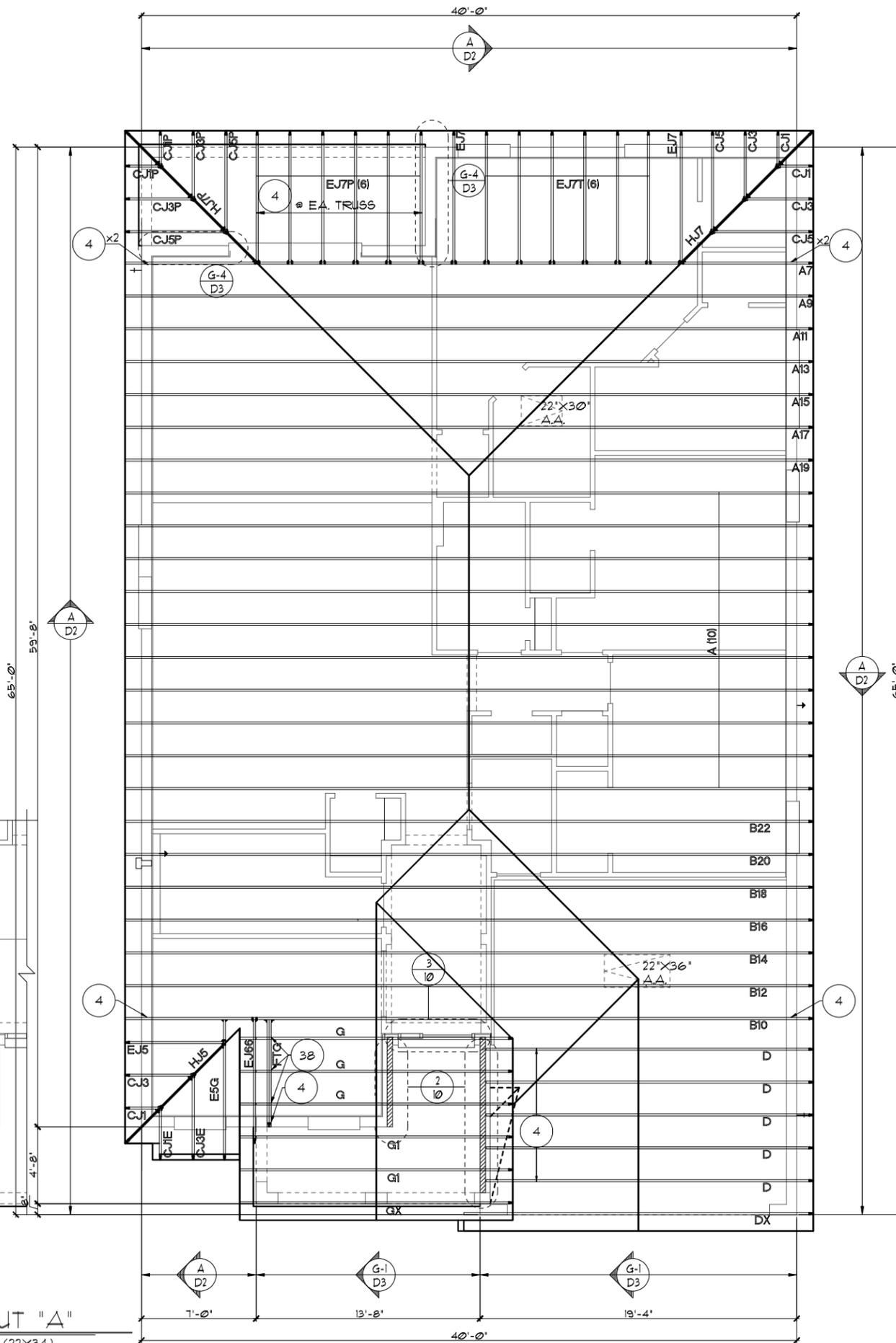
UPPER PORTION VENTILATION TOTAL: 4.68S.F.
PROVIDED W/OFF RIDGE VENTS: 6 VENTS @ .78S.F./VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

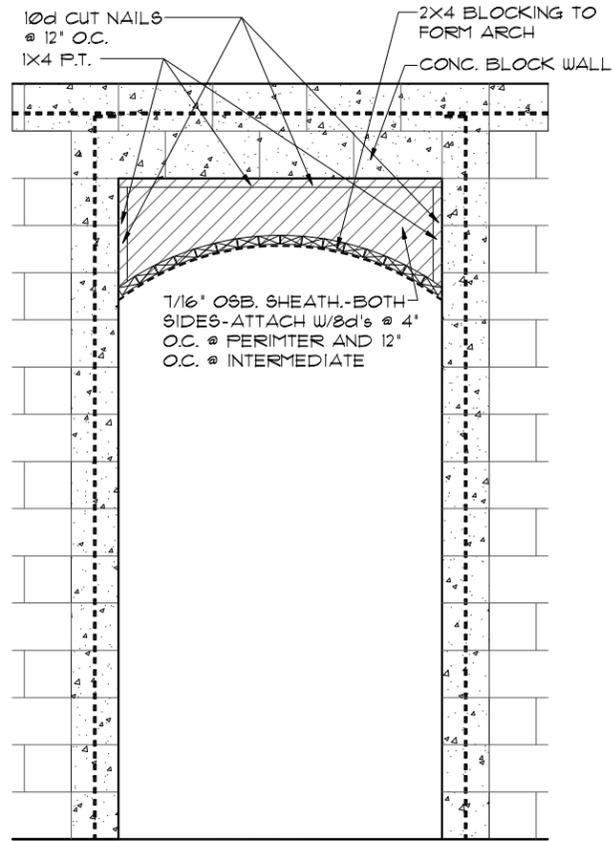
LOWER PORTION VENTILATION TOTAL: 4.32S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:
(.50 LF. @ 0.087S.F. VENTING PER LF.)

UPPER PORTION PERCENTAGE: 50%
LOWER PORTION PERCENTAGE: 50%

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 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.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 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/WTC A BCS1.1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4069 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL: 2-1/2" x 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FEL OR ANY OTHER METHOD LISTED PER FBC R305.1.1.





4
8A
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = \frac{8.64\text{S.F.}}{\text{REQUIRED}}$

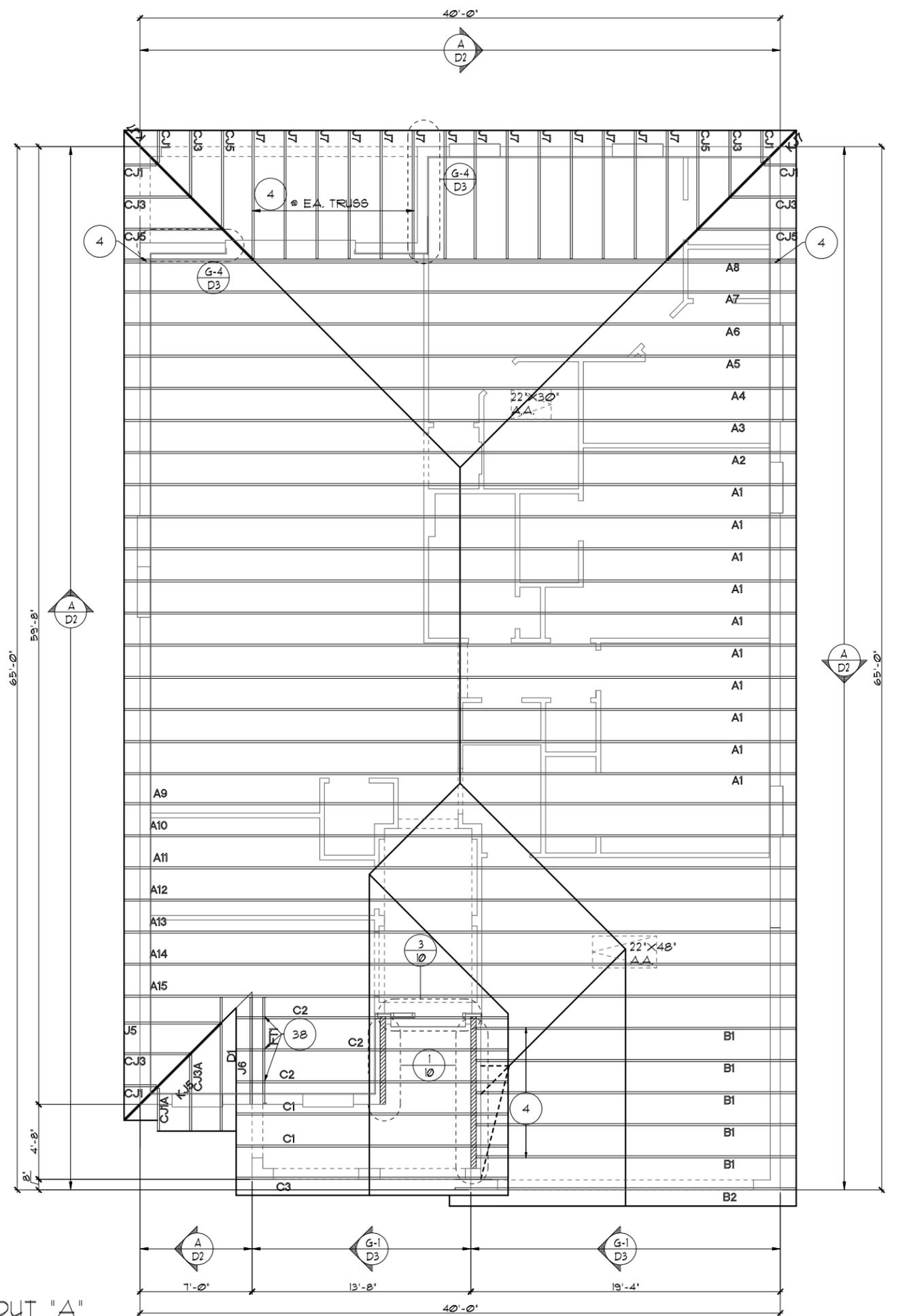
UPPER PORTION VENTILATION TOTAL:----- **4.68S.F.**
 PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F.** /VENT.
 (VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- **4.32S.F.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
 (**50** LF. @ **0.087S.F.** VENTING PER LF.)

UPPER PORTION PERCENTAGE: **50%**
 LOWER PORTION PERCENTAGE: **50%**

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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TRUSS LAYOUT "A"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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LOT: 0000, COMMUNITY NAME
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REVISIONS	BY
05-16-19	JF

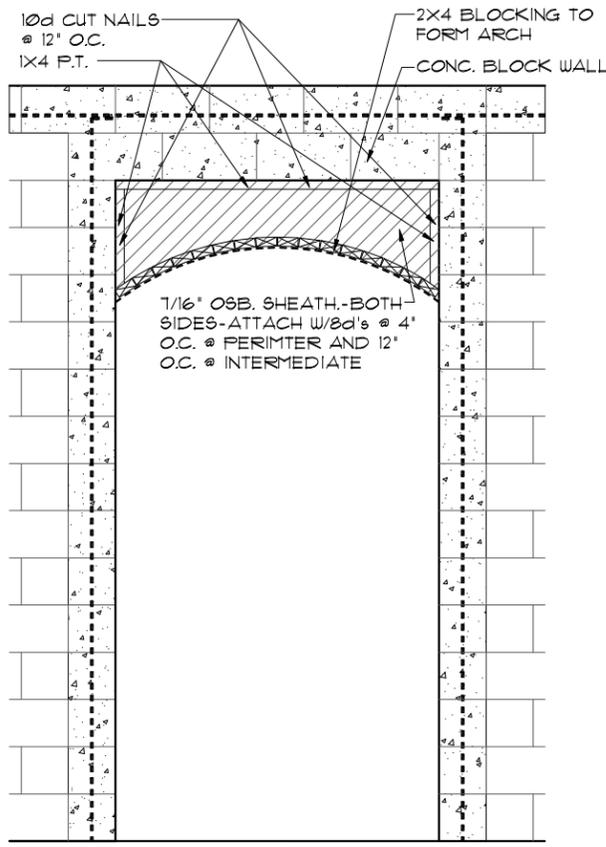
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TRUSS LAYOUT

1966
 MARGATE II

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
08A
 OF 00 SHEETS



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

- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - 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 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
 - ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
 - 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/WTC A BCS1.1.
 - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 - SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4069 of 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.
 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
 - 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 FBC2020 11TH EDITION R906: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

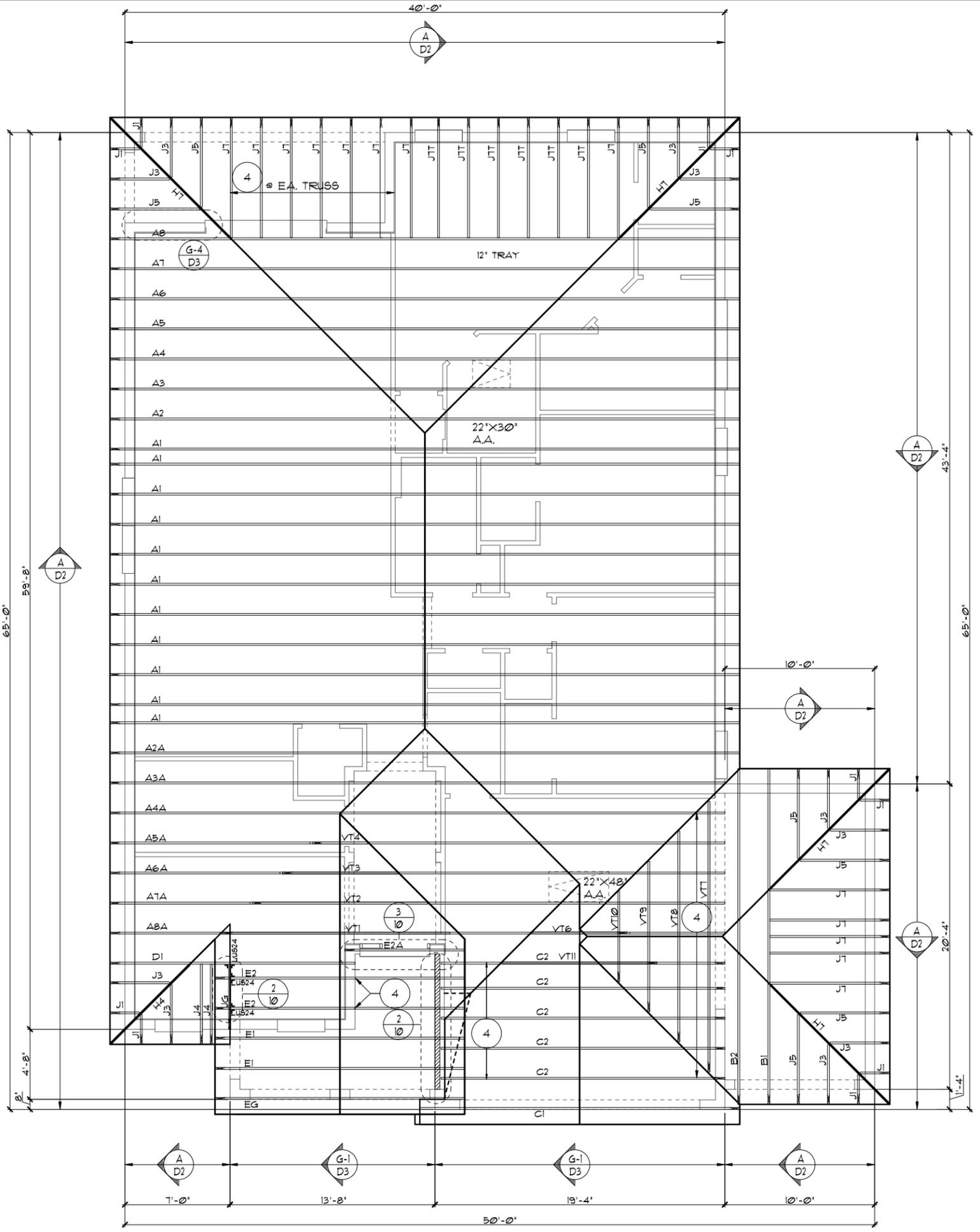
THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE: $\frac{2,593 \text{ SF.}}{300} = \frac{8.64 \text{ SF.}}{\text{REQUIRED}}$ NET FREE VENT.

UPPER PORTION VENTILATION TOTAL: ----- **468 SF.**
 PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78 SF.** /VENT.
 (VENT TYPE: OHAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL: ----- **432 SF.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:
 (**50 L.F.** @ **0.087 SF.** VENTING PER L.F.)

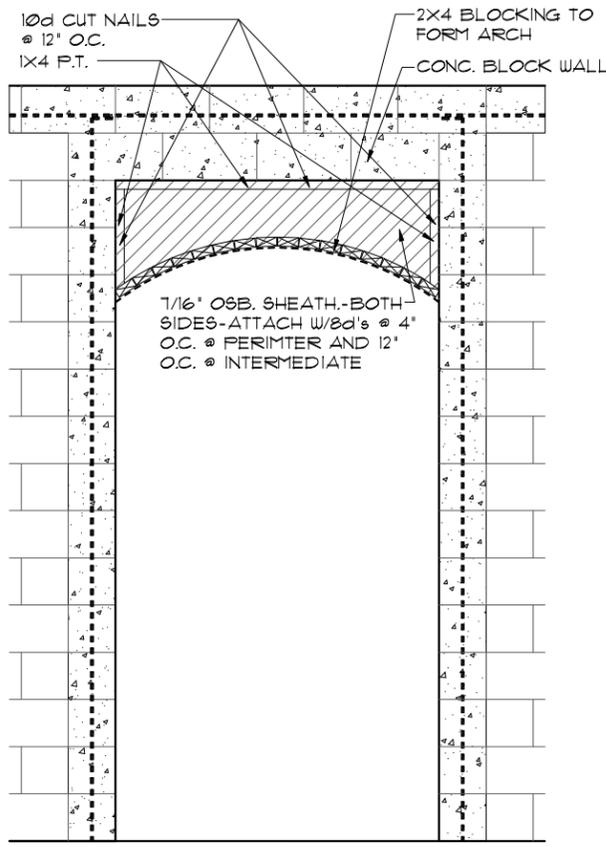
UPPER PORTION PERCENTAGE: **50%**
 LOWER PORTION PERCENTAGE: **50%**



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

3-CAR GARAGE OPTION
 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
 1966
 MARGATE II
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
08A.3
 OF 00 SHEETS

TRUSS LAYOUT
Park Square HOMES
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 528 - 3000
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 1400 W. Colonial Ave., Suite 100
 Orlando, FL 32811
 Tel: (407) 734-1400
 Fax: (407) 734-1790
 www.iteg.com
 REVISIONS BY
 05-16-19 JF



4
8A
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

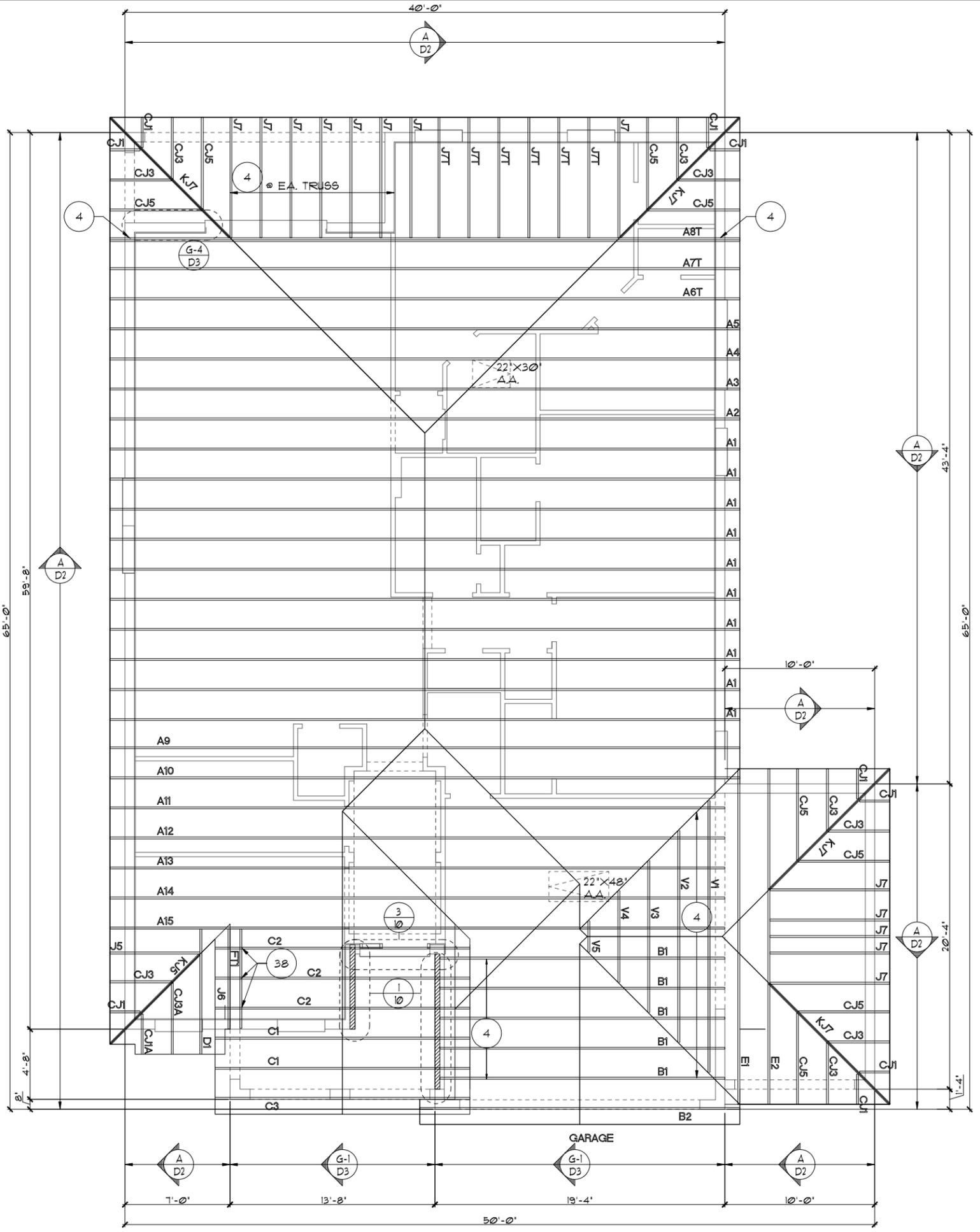
UPPER PORTION VENTILATION TOTAL: ----- **4.68S.F.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F.** /VENT. (VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- **4.32S.F.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-- (**50 L.F.** @ **0.087S.F.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

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 BCS1.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM 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 R305.1.1.1



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

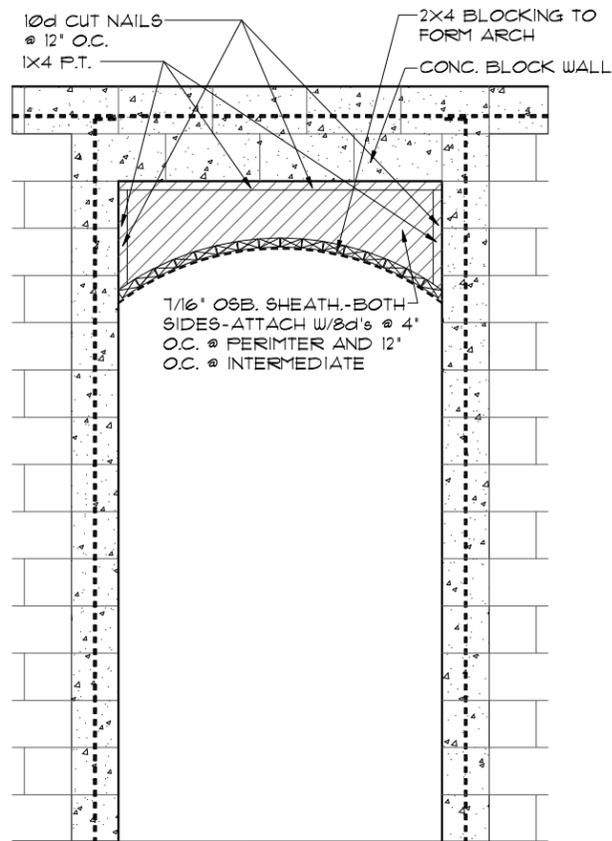
3-CAR GARAGE OPTION
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
 LOT: 0000, COMMUNITY NAME
 1966
 MARGATE II
 FLORIDA SERIES
 PARK SQUARE HOMES

TRUSS LAYOUT
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 528 - 3000
 PARK SQUARE HOMES

REVISIONS	BY
05-16-19	JF

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 Tel: (407) 734-1400
 Fax: (407) 734-1790
 www.iteg.com

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
08A.3
 OF 00 SHEETS



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

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R206: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- **4.68S.F.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F./VENT.**
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- **4.32S.F.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:---
(**50** L.F. @ **0.087S.F.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

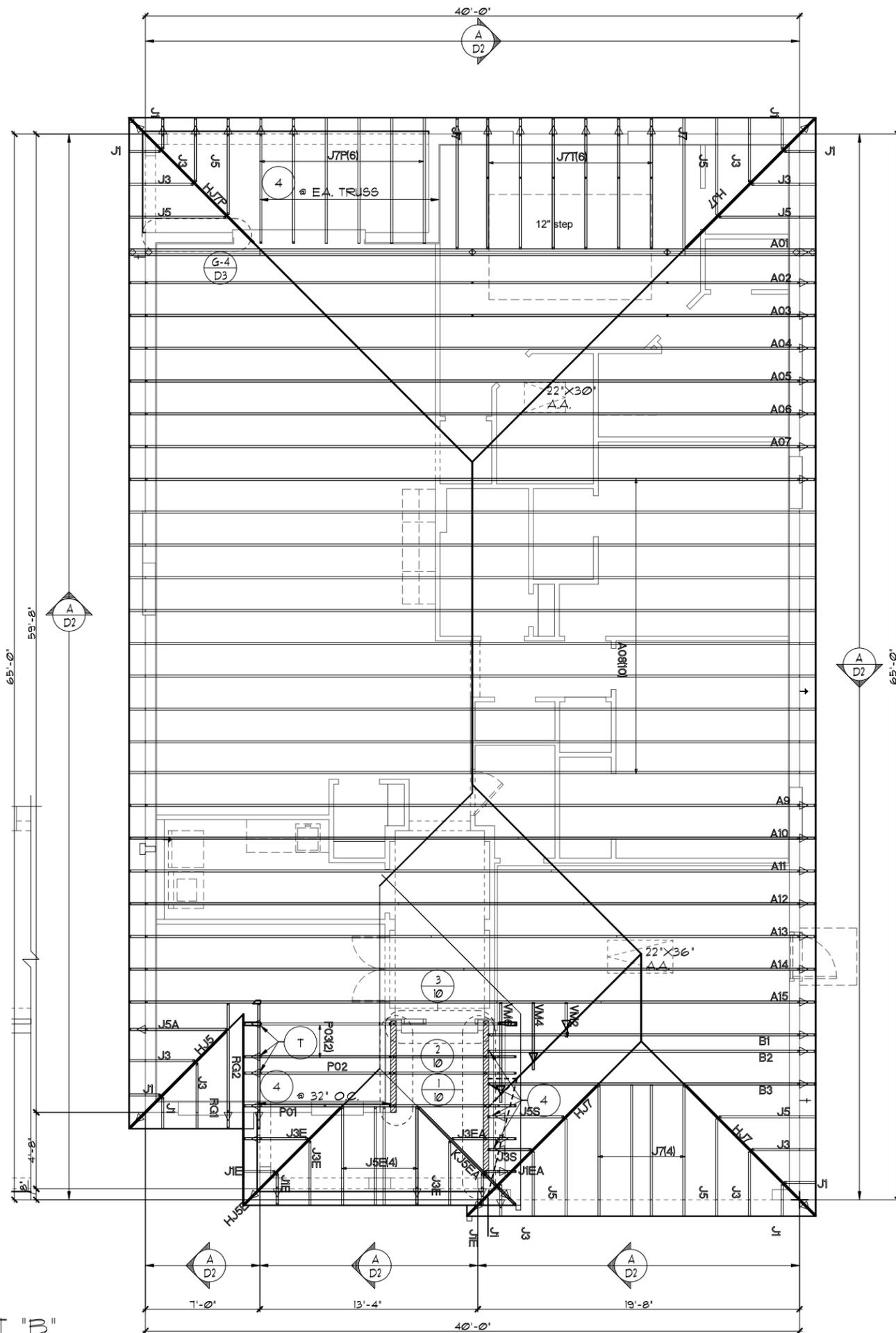
NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 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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- 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 BC61 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 of Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.

- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1

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



FLORIDA SERIES

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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REVISIONS	BY
05-16-19	JF

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ORLANDO, FLORIDA 32817
TEL: (407) 734-1400
FAX: (407) 734-1700
WWW.ITEG.COM

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529 - 3000

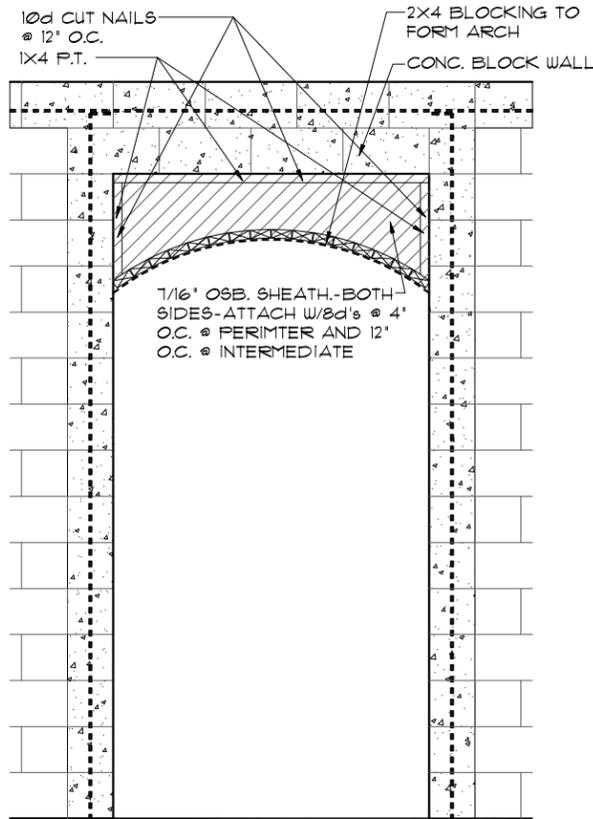
Park Square HOMES

TRUSS LAYOUT

1966

MARGATE II

DATE	04-05-2017
SCALE	AS NOTED
DRAWN	RDC
JOB	N/A
SHEET	08B
OF	08 SHEETS



4
8B
1/2"=1'-0" (11x17) 1"=1'-0" (22x34)

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 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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- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 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.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O-HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5

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).

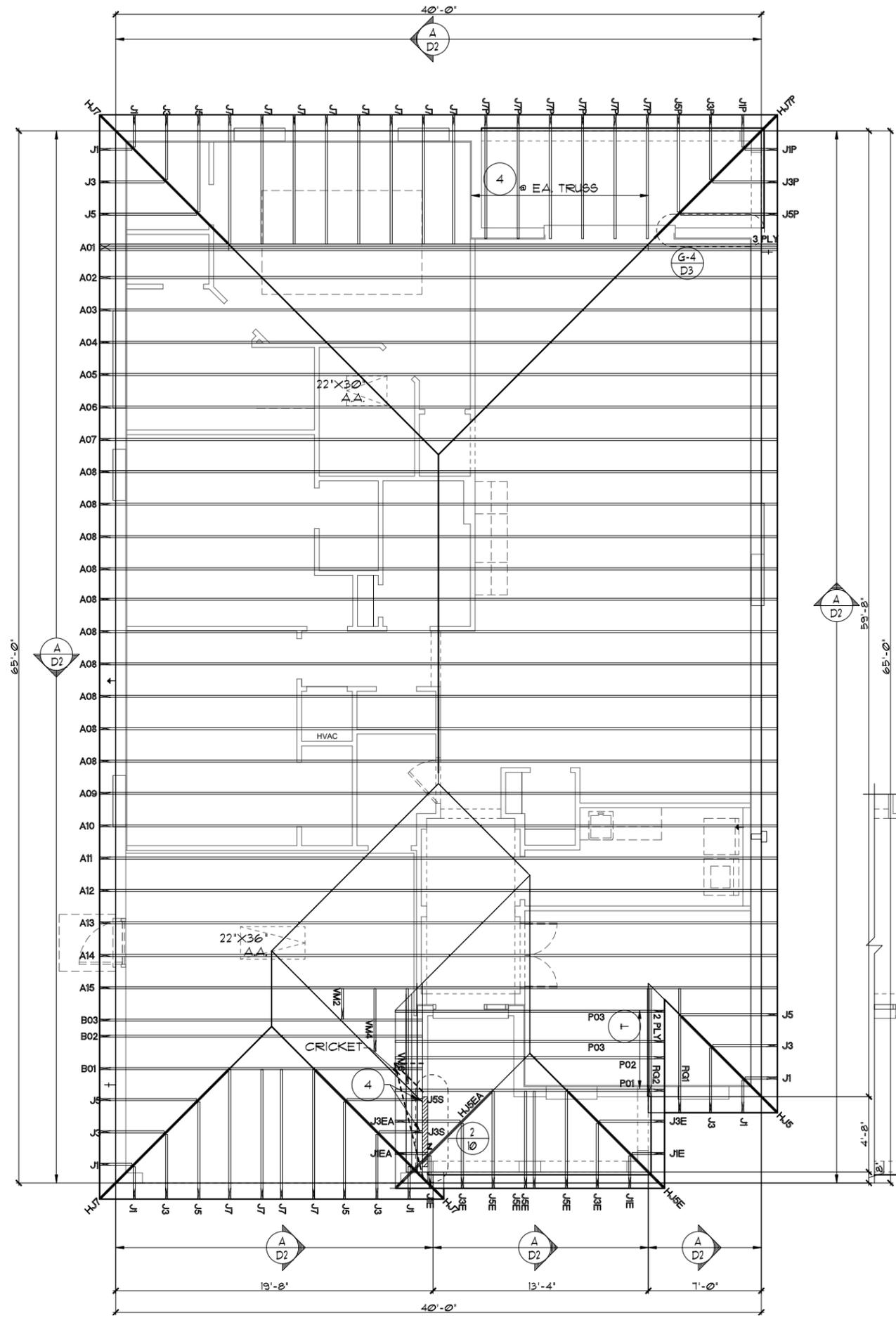
THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: **4.68S.F.**
 PROVIDED W/OFF RIDGE VENTS: 6 VENTS @ **975S.F.** / VENT. (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL: **4.32S.F.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE: (**50L.F.** @ **.087S.F.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
 LOWER PORTION PERCENTAGE: **50%**



TRUSS LAYOUT "B"
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

FLORIDA SERIES

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

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 08B
 OF 08 SHEETS

1966 MARGATE II

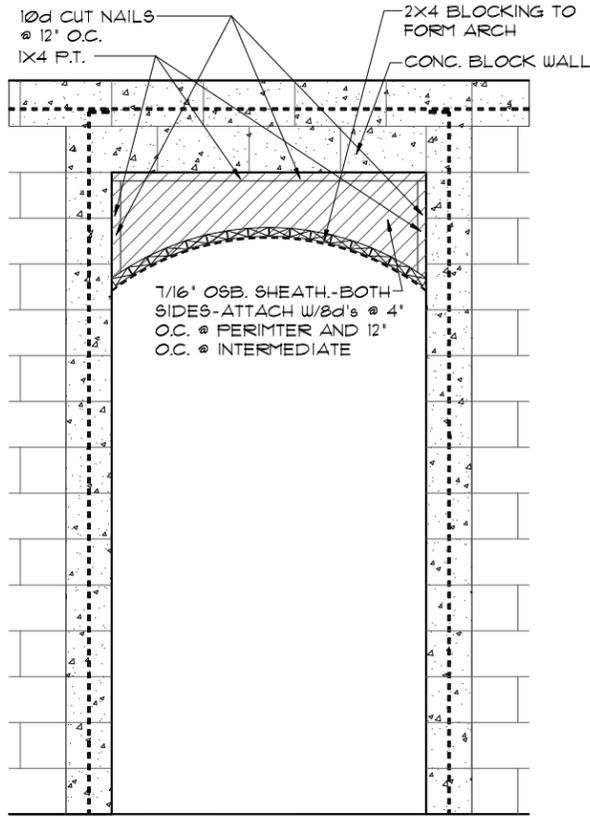
TRUSS LAYOUT

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REVISIONS BY
 05-16-19 JF

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



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

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: $\frac{2,593SF.}{300} = 8.64SF.$ NET FREE VENT. REQUIRED

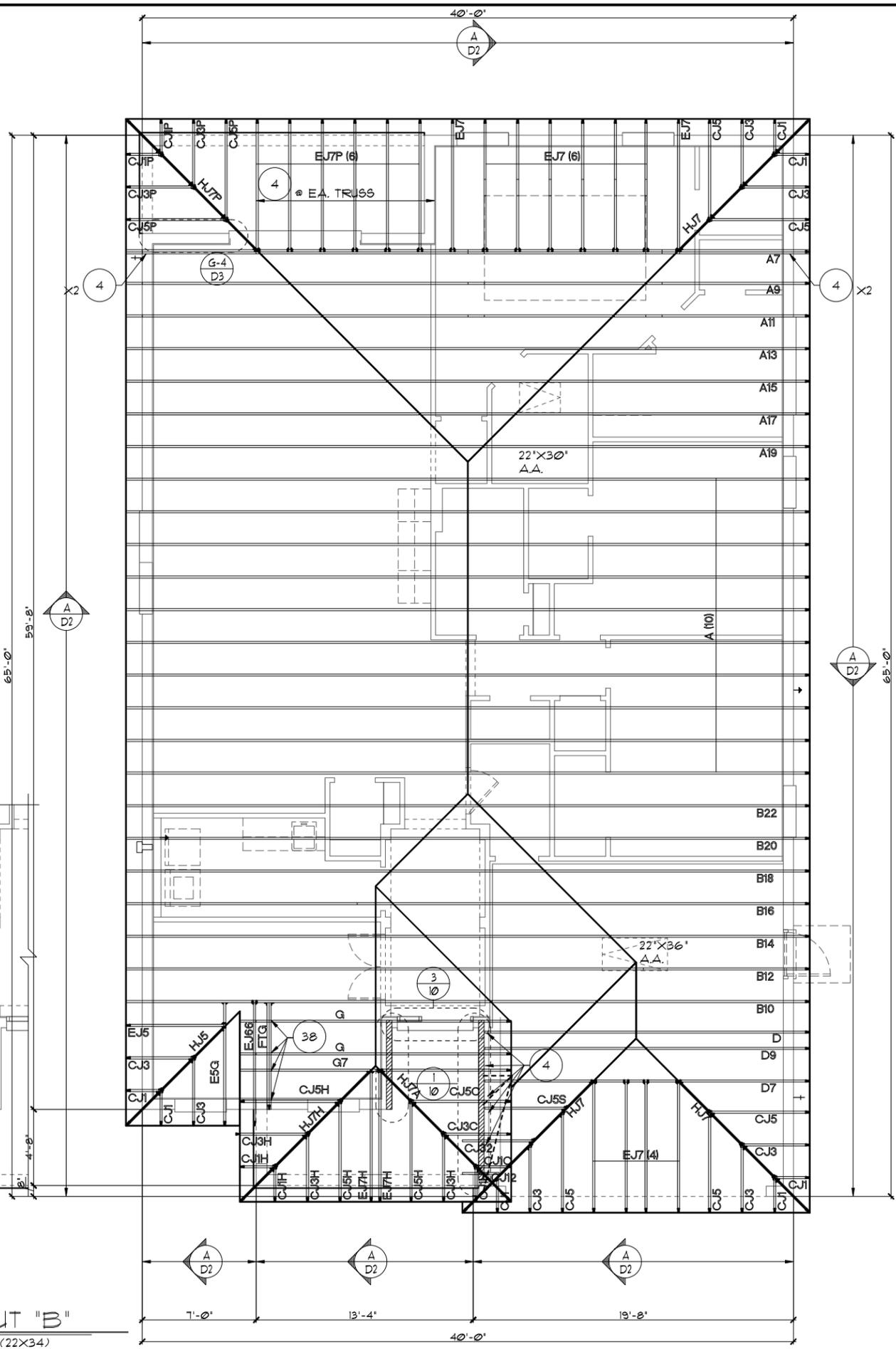
UPPER PORTION VENTILATION TOTAL: ----- **468SF.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **78SF.** /VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

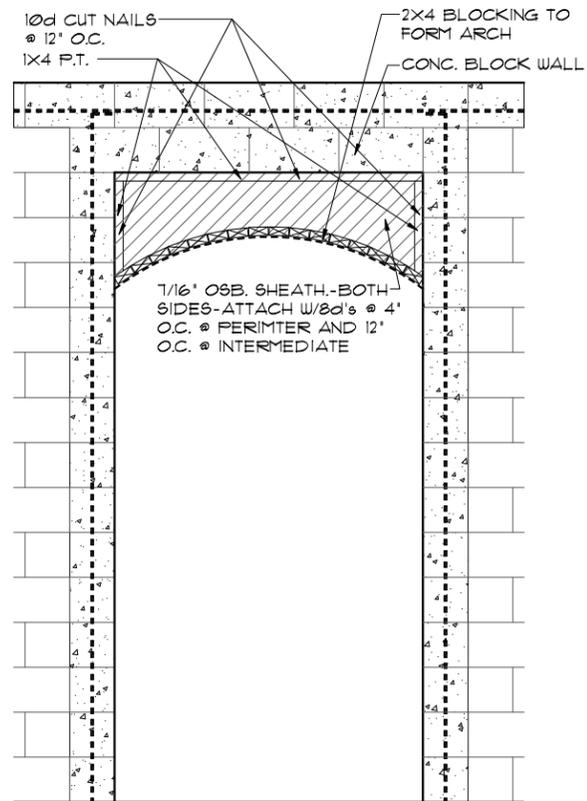
LOWER PORTION VENTILATION TOTAL: ----- **432SF.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(**50 LF.** @ **0.087SF.** VENTING PER LF.)

UPPER PORTION PERCENTAGE: 50%
LOWER PORTION PERCENTAGE: 50%

- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
 - TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
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 - 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/AITCA BC91.1.
 - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 - SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBC 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or 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.
 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9 1/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2" X 46" HOLE
 - ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1

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





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

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: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

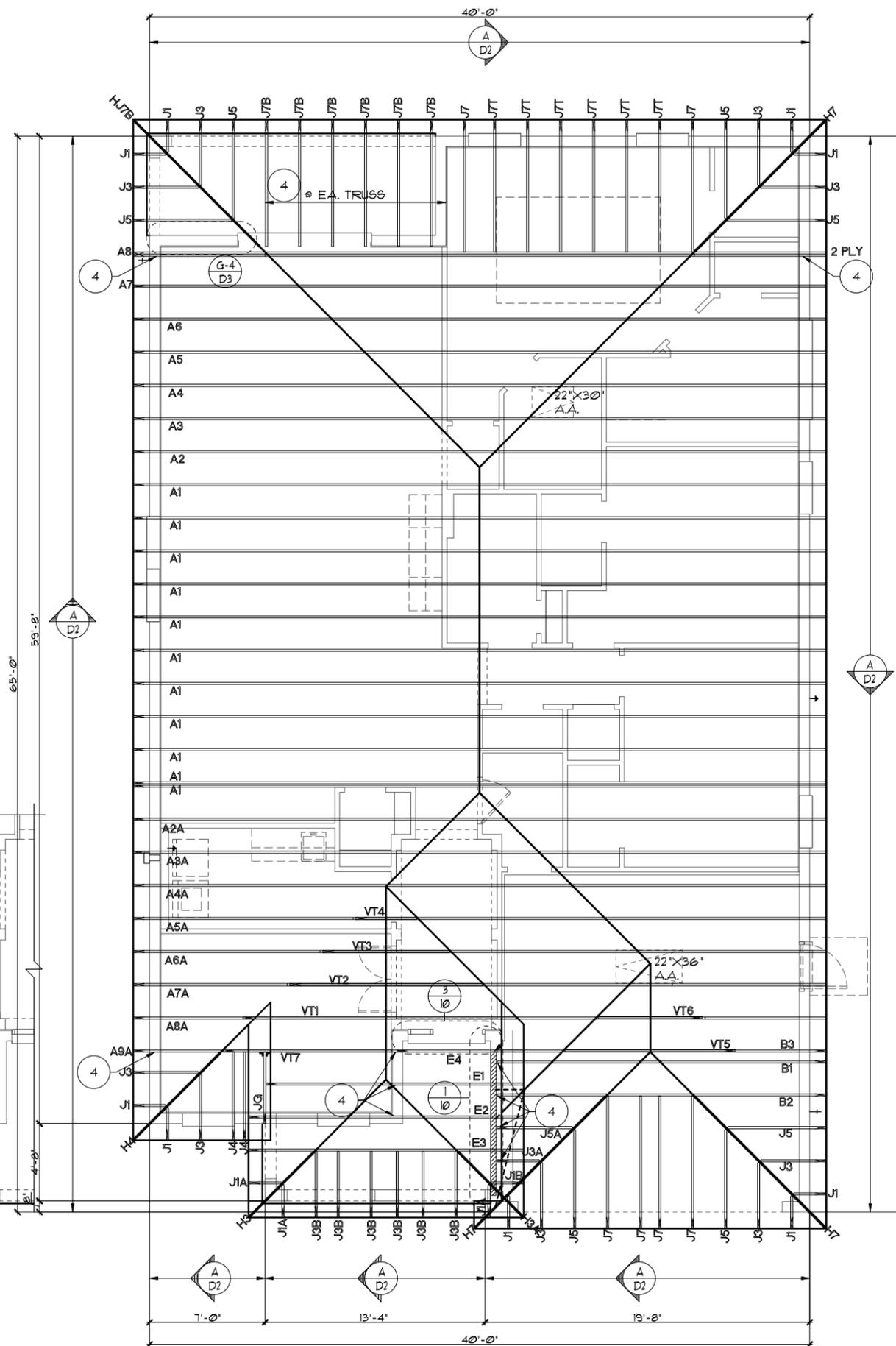
UPPER PORTION VENTILATION TOTAL: **4.68S.F.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F./VENT.**
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: **4.32S.F.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE: **50 L.F. @ 0.087S.F. VENTING PER L.F.**

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.11 - Underlayment materials required to comply with ASTM D226, D4869 at Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.11. Underlayment shall be applied and attached in accordance with Table R905.11.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO - (2) 3 1/4" DIA. CIRCLES
 - MILLENNIUM 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 R905.11.1



TRUSS LAYOUT "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

FLORIDA SERIES

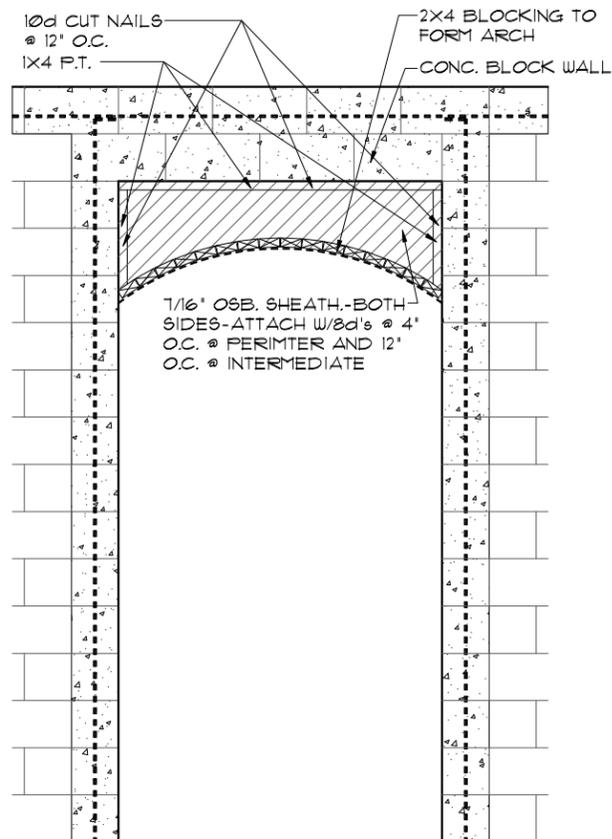
ITEG
INDUSTRIAL ENGINEERING GROUP, INC.
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529-3000

Park Square HOMES

LOT: 0000 COMMUNITY NAME
1966
MARGATE II

REVISIONS	BY
05-16-19	JF

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
08B
OF 20 SHEETS



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

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R206: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

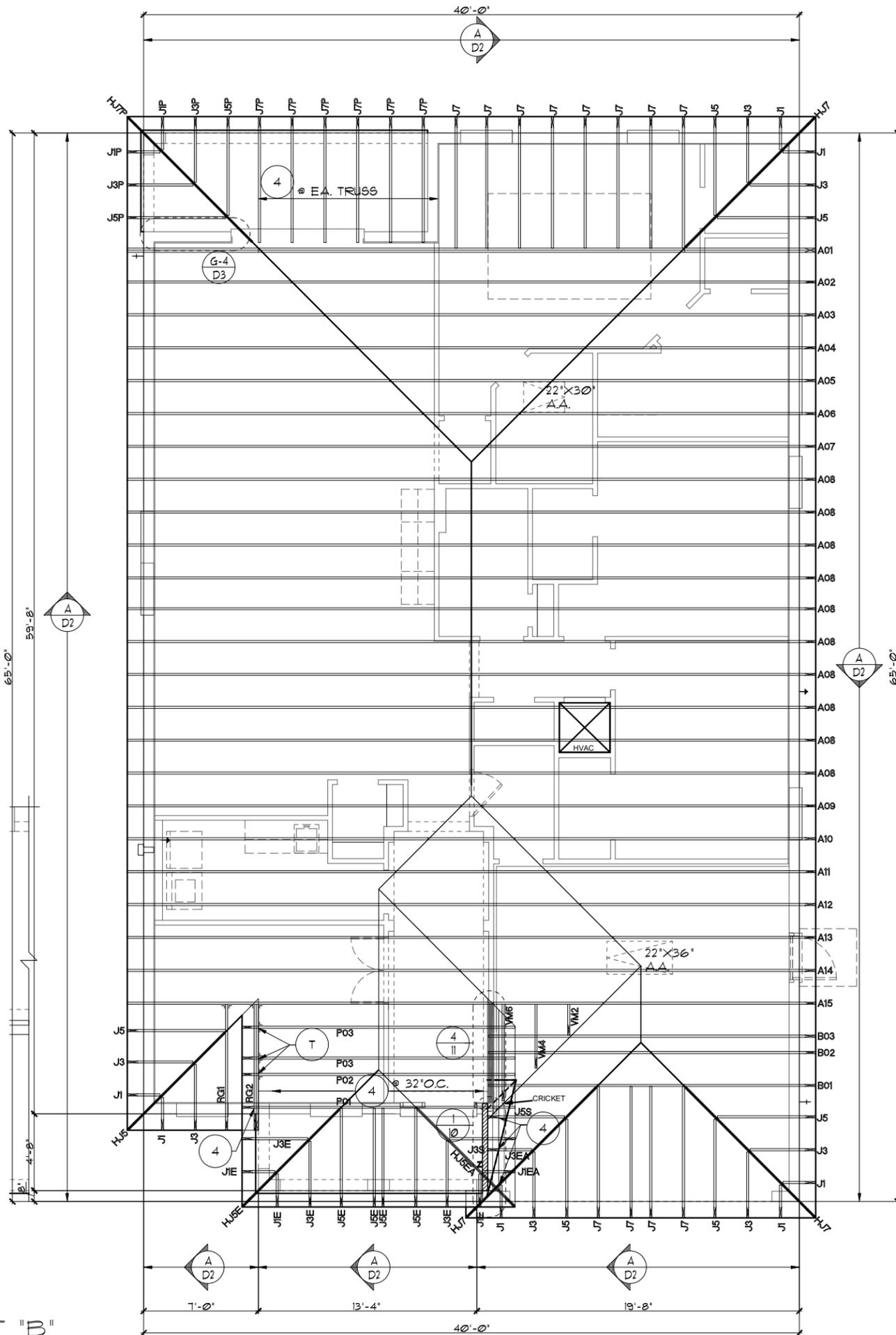
UPPER PORTION VENTILATION TOTAL:----- 4.68S.F.
PROVIDED W/OFF RIDGE VENTS: 6 VENTS @ .78S.F./VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 4.32S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(50 LF. @ 0.087S.F. VENTING PER LF.)

UPPER PORTION PERCENTAGE: 50%
LOWER PORTION PERCENTAGE: 50%

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 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.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC51 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 of Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1



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

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME MARGATE II

REVISIONS	BY
05-16-19	JF

ITEG
THOMPSON ENGINEERING GROUP, INC.
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Orlando, Florida, 32811
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Park Square HOMES

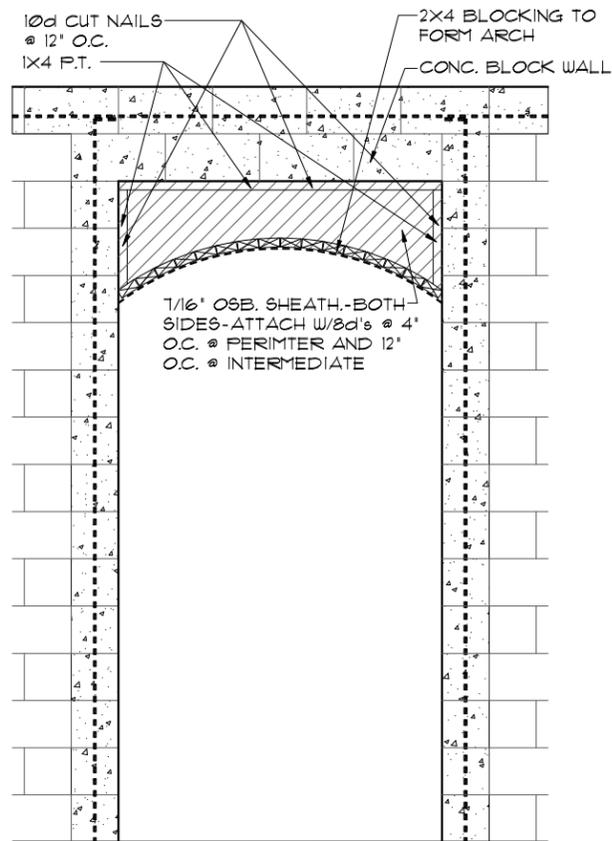
TRUSS LAYOUT

1966

MARGATE II

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
008 OF 00 SHEETS

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



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

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R206: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

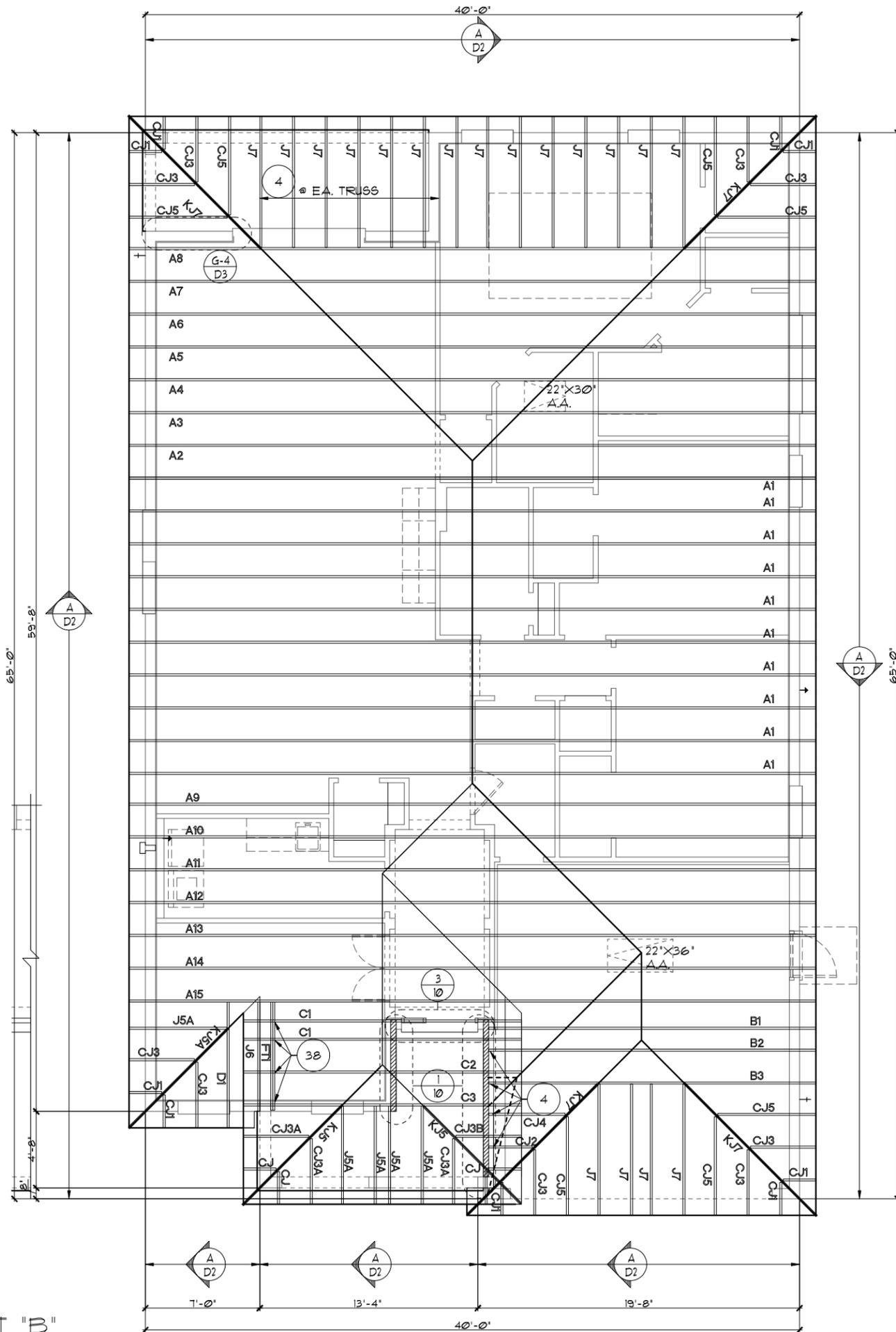
UPPER PORTION VENTILATION TOTAL:----- **4.68S.F.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F.** /VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- **4.32S.F.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:---
(**50** L.F. @ **0.087S.F.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
- 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.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 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 ECSI 1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 of 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.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1



TRUSS LAYOUT "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

REVISIONS	BY
05-16-19	JF

ITEG
THOMPSON ENGINEERING GROUP, INC.
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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vlneland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529 - 3000

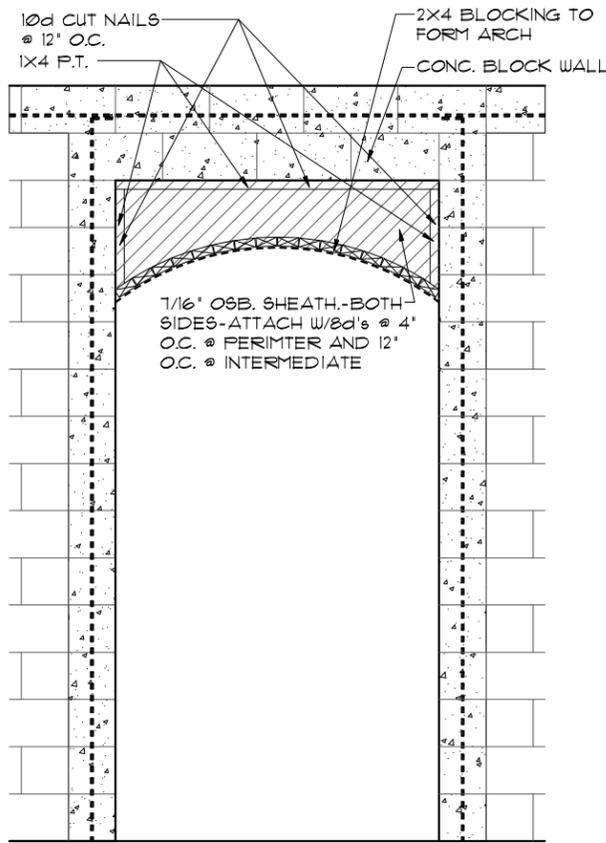
Park Square HOMES

TRUSS LAYOUT

1966

MARGATE II

DATE	04-05-2017
SCALE	AS NOTED
DRAWN	RDC
JOB	N/A
SHEET	
OF	08 SHEETS



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

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: $\frac{2,593\text{SF}}{300} = 8.64\text{SF}$ NET FREE VENT. REQUIRED

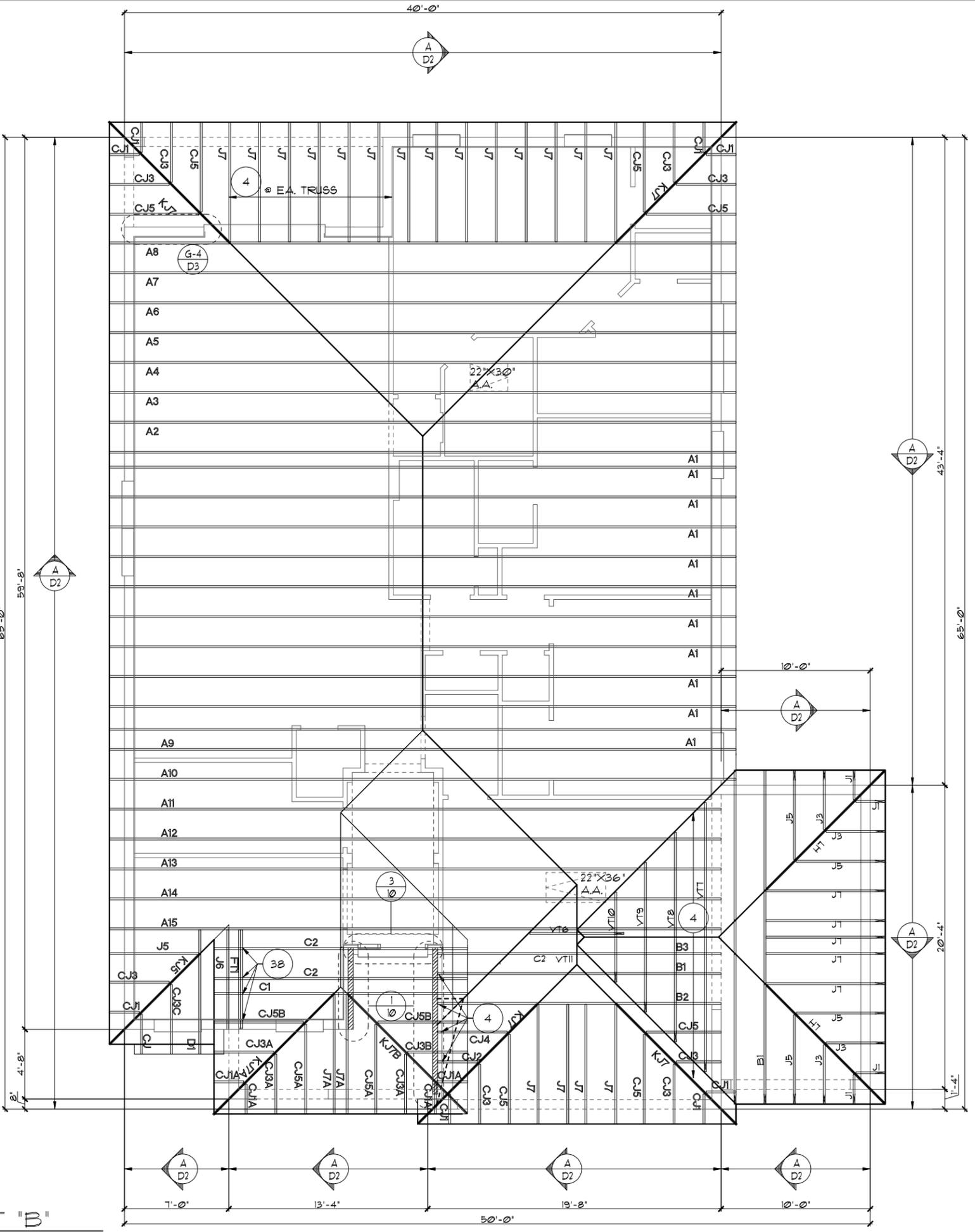
UPPER PORTION VENTILATION TOTAL: ----- **4.68SF.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78SF.** /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- **4.32SF.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(**50** L.F. @ **0.087SF.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

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/WTC A BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 at Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM 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 R305.1.1.1



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

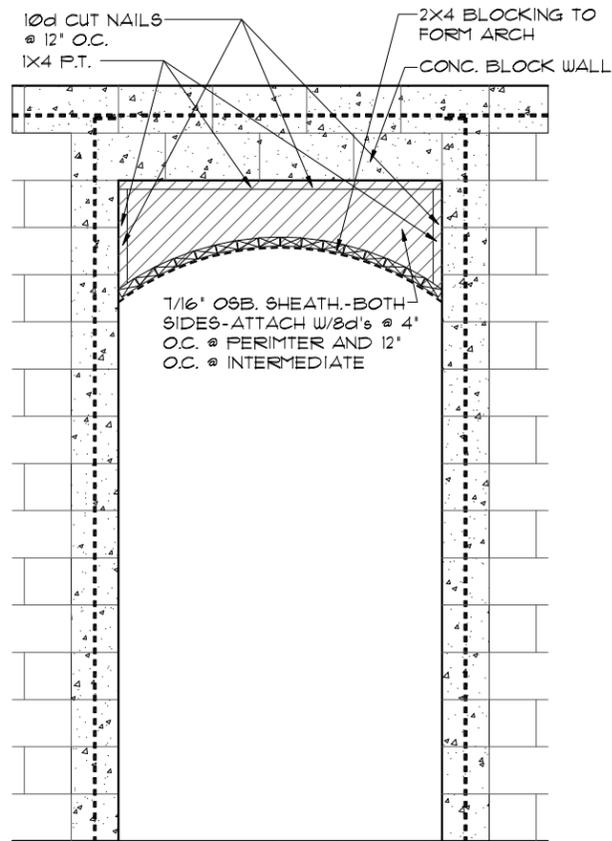
LOT: 0000, COMMUNITY NAME: MARGATE II
 1966
 DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 08B.3 OF 00 SHEETS

FLORIDA SERIES
 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
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 528 - 3000
 www.psq.com

REVISIONS	BY
05-16-19	JF

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 www.iteg.com

TRUSS LAYOUT
 PARK SQUARE HOMES



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

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = \underline{8,643\text{S.F.}}$ NET FREE VENT. REQUIRED

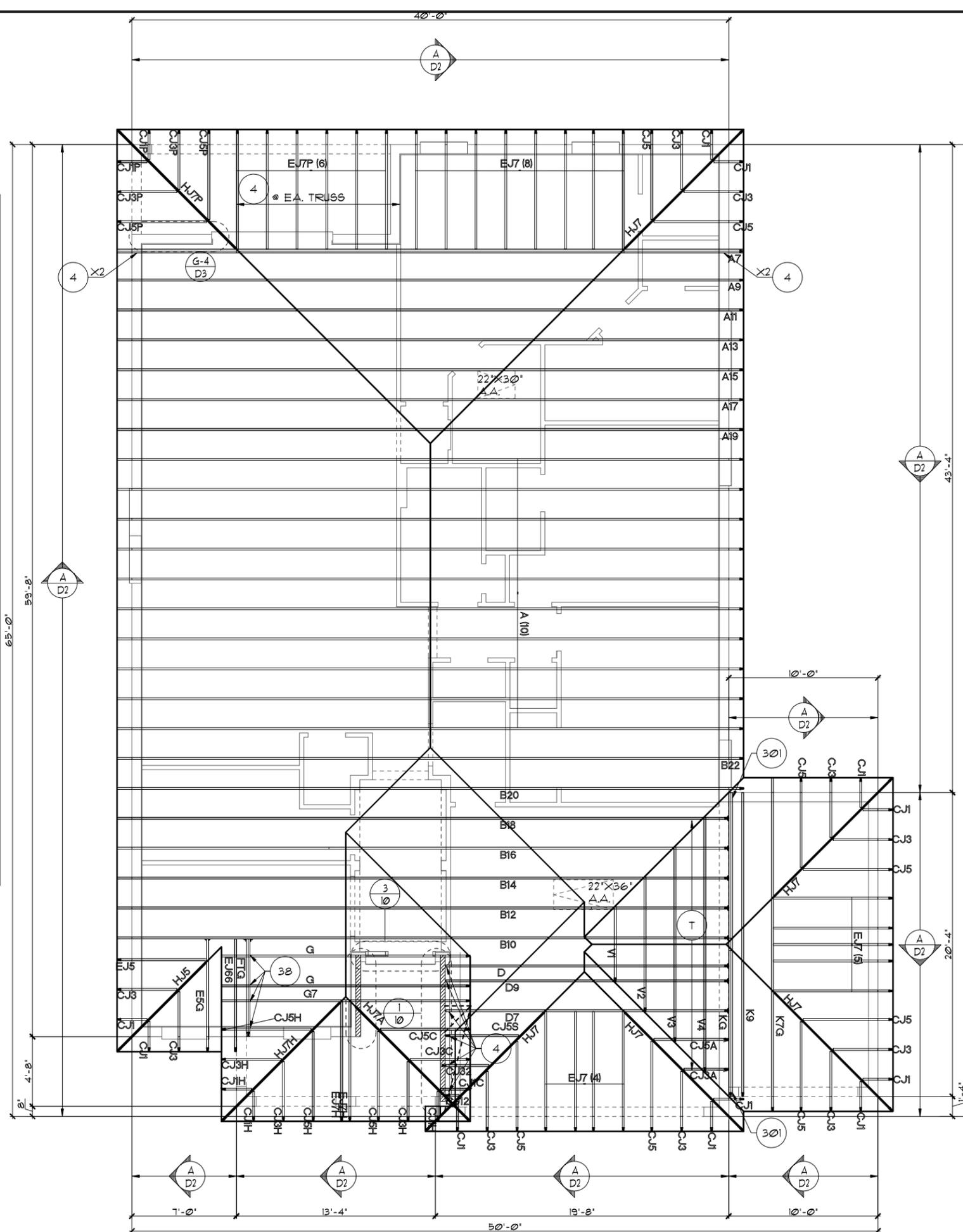
UPPER PORTION VENTILATION TOTAL:----- 468S.F.
PROVIDED W/OFF RIDGE VENTS: 6 VENTS @ .78S.F./VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 432S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(.50 L.F. @ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 50%
LOWER PORTION PERCENTAGE: 50%

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 BC61 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.11 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.11. Underlayment shall be applied and attached in accordance with Table R305.11.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM 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 R305.11.



TRUSS LAYOUT "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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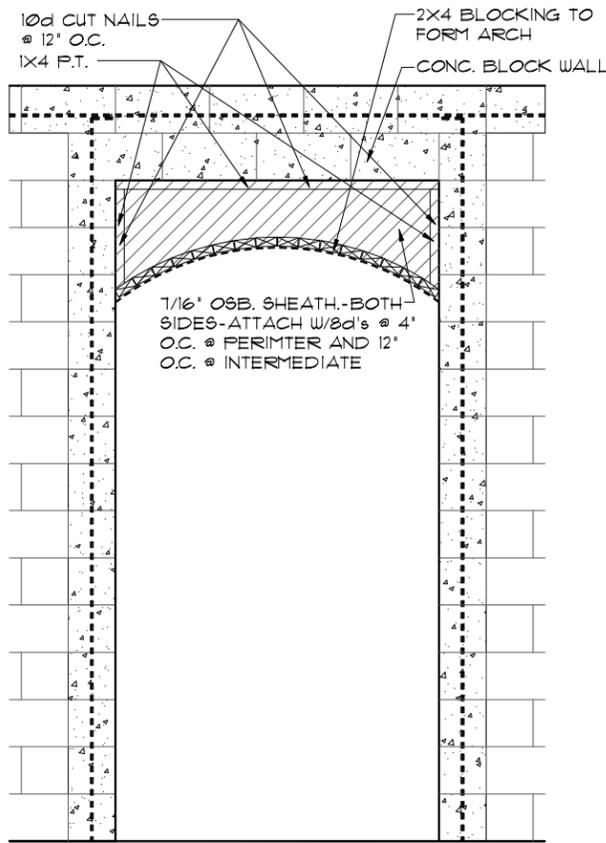
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineyard Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 528 - 3000

Park Square HOMES

1966
MARGATE II

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
08B.3
OF 00 SHEETS

TRUSS LAYOUT



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

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: $\frac{2,593\text{SF}}{300} = 8.64\text{SF}$. NET FREE VENT. REQUIRED

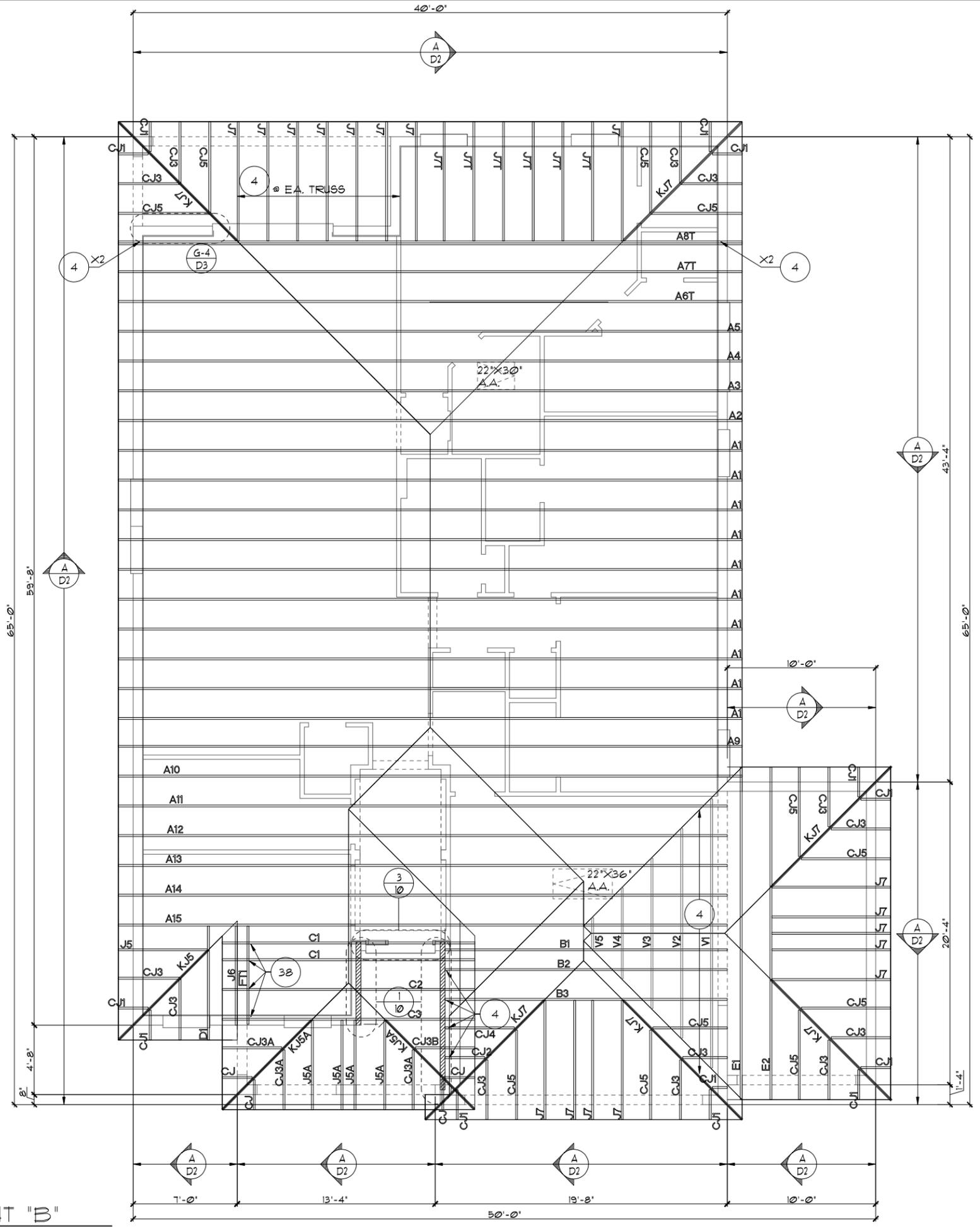
UPPER PORTION VENTILATION TOTAL: **4.68SF.**
 PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78SF.** /VENT.
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: **4.32SF.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE: **50 LF.** @ **0.0878SF.** VENTING PER LF.)

UPPER PORTION PERCENTAGE: **50%**
 LOWER PORTION PERCENTAGE: **50%**

- 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 BC81 I.
 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 of 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 MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM 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.

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



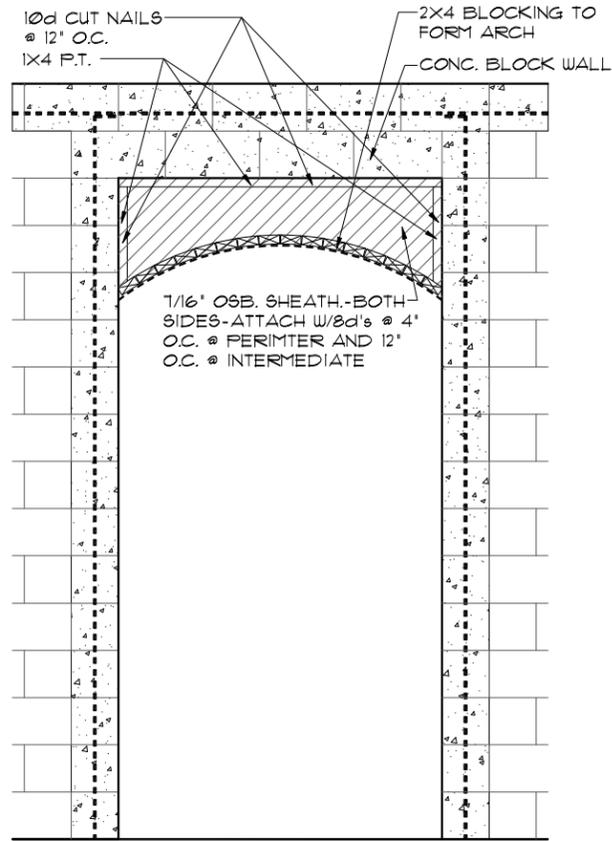
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
FLORIDA SERIES
LOT: 0000, COMMUNITY NAME
1966
MARGATE II

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 www.iteg.com

REVISIONS	BY
05-16-19	JF

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
08B.3
 OF 00 SHEETS



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

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{SF.}}{300} = \frac{8.64\text{SF.}}{\text{REQUIRED}}$

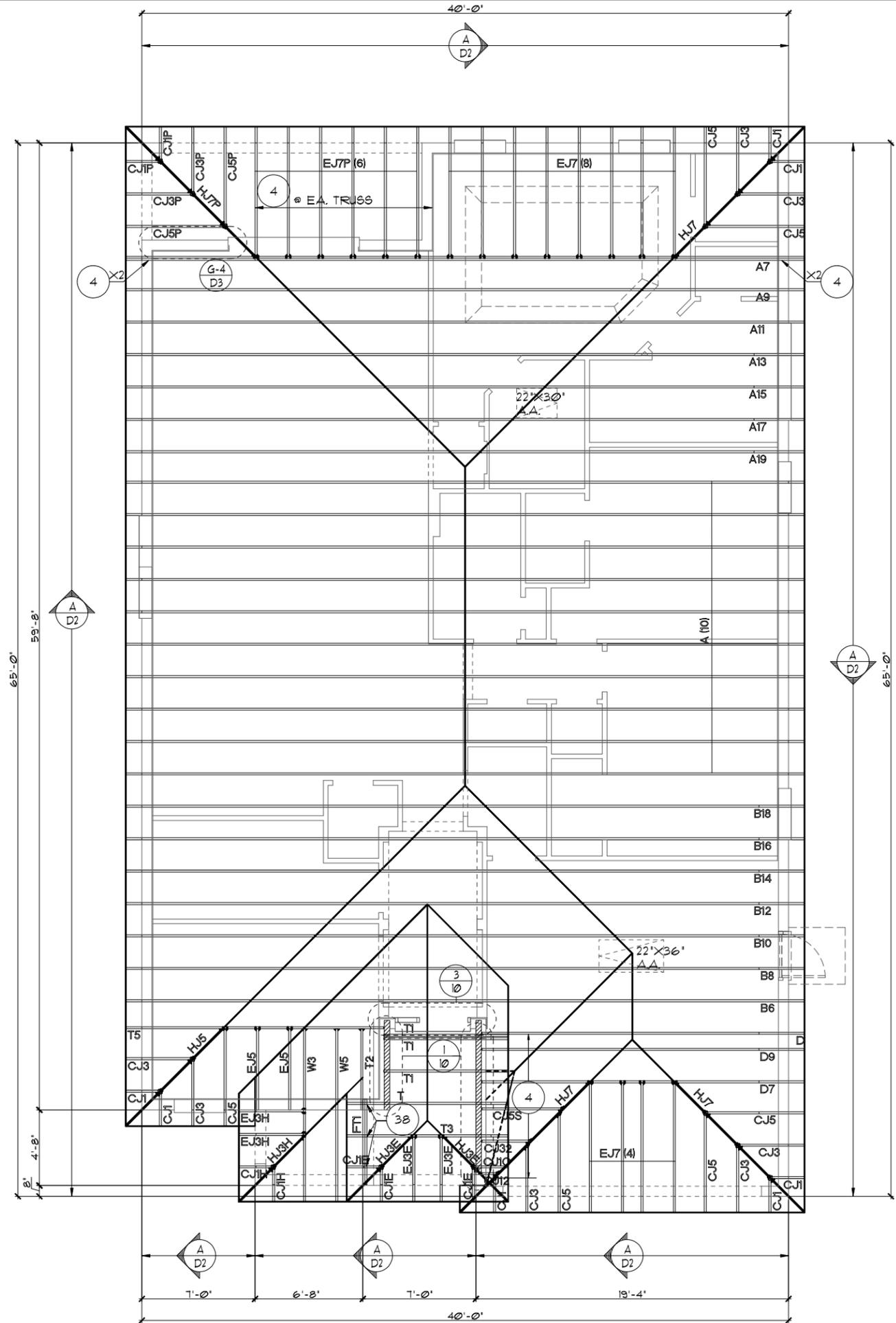
UPPER PORTION VENTILATION TOTAL:----- **4.68SF.**
 PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78SF.** /VENT.
 (VENT TYPE: LOMANCO MODEL T70-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- **4.32SF.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
 (**50 LF.** @ **0.087SF.** VENTING PER LF.)

UPPER PORTION PERCENTAGE: **50%**
 LOWER PORTION PERCENTAGE: **50%**

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 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.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 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 ECSI 1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 of Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1



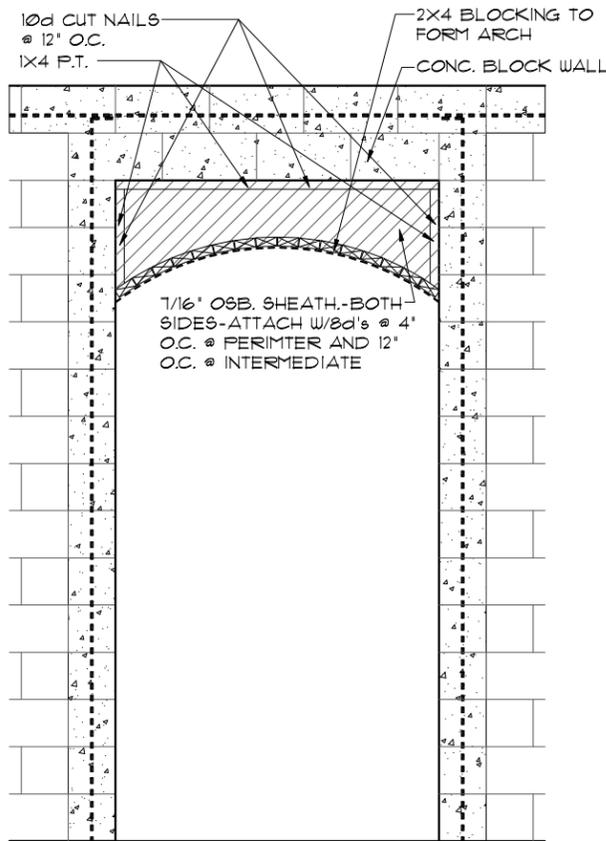
TRUSS LAYOUT "C"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

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

REVISIONS	BY
05-16-19	JF
ITEG <small>HOOPER ENGINEERING GROUP, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Tel: (407) 734-1400 Fax: (407) 734-1790 www.iteg.com</small>	
Park Square HOMES <small>A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000</small>	
TRUSS LAYOUT	
DATE 04-05-2017	SCALE AS NOTED
DRAWN RDC	JOB N/A
SHEET	1966
OF 00 SHEETS	MARGATE II



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

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = \frac{8.64\text{S.F.}}{\text{REQUIRED}}$

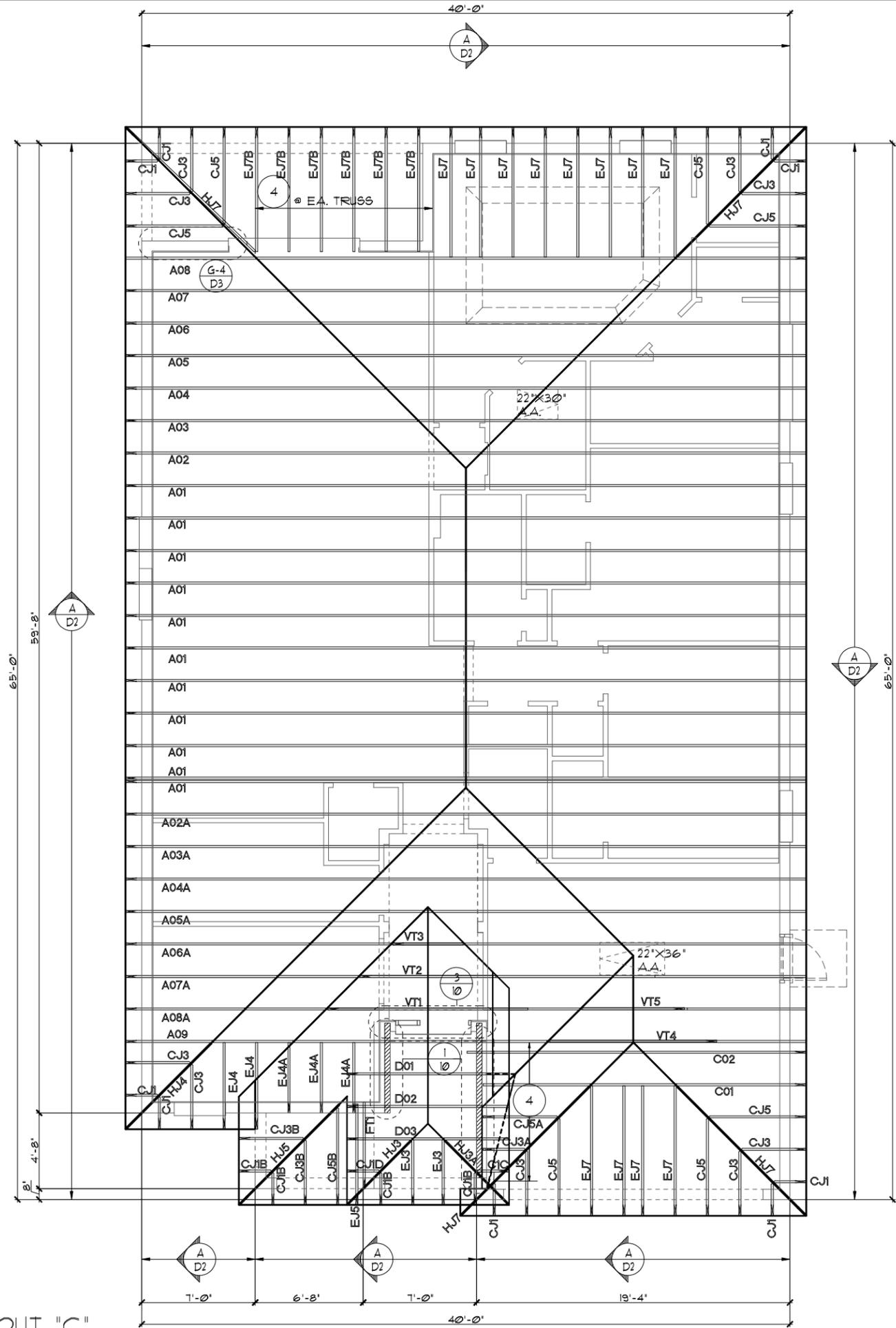
UPPER PORTION VENTILATION TOTAL:----- **4.68S.F.**
 PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F.** /VENT.
 (VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- **4.32S.F.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
 (**50** L.F. @ **0.087S.F.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
 LOWER PORTION PERCENTAGE: **50%**

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
- 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.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 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 ECSI 1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1** - Underlayment materials required to comply with ASTM D226, D4869 of Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:**
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1**



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

FLORIDA SERIES

LOT: 0000, COMMUNITY NAME

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

REVISIONS	BY
05-16-19	JF

ITEG
 THOMPSON ENGINEERING GROUP, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529-3000

Park Square HOMES

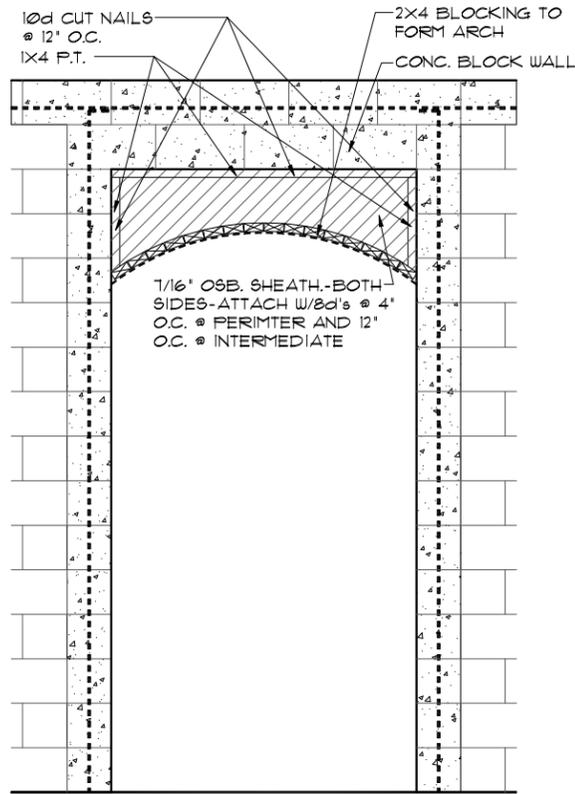
TRUSS LAYOUT

1966

MARGATE II

DATE	04-05-2017
SCALE	AS NOTED
DRAWN	RDC
JOB	N/A
SHEET	

08C
 OF 08 SHEETS



4
8C **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R206: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

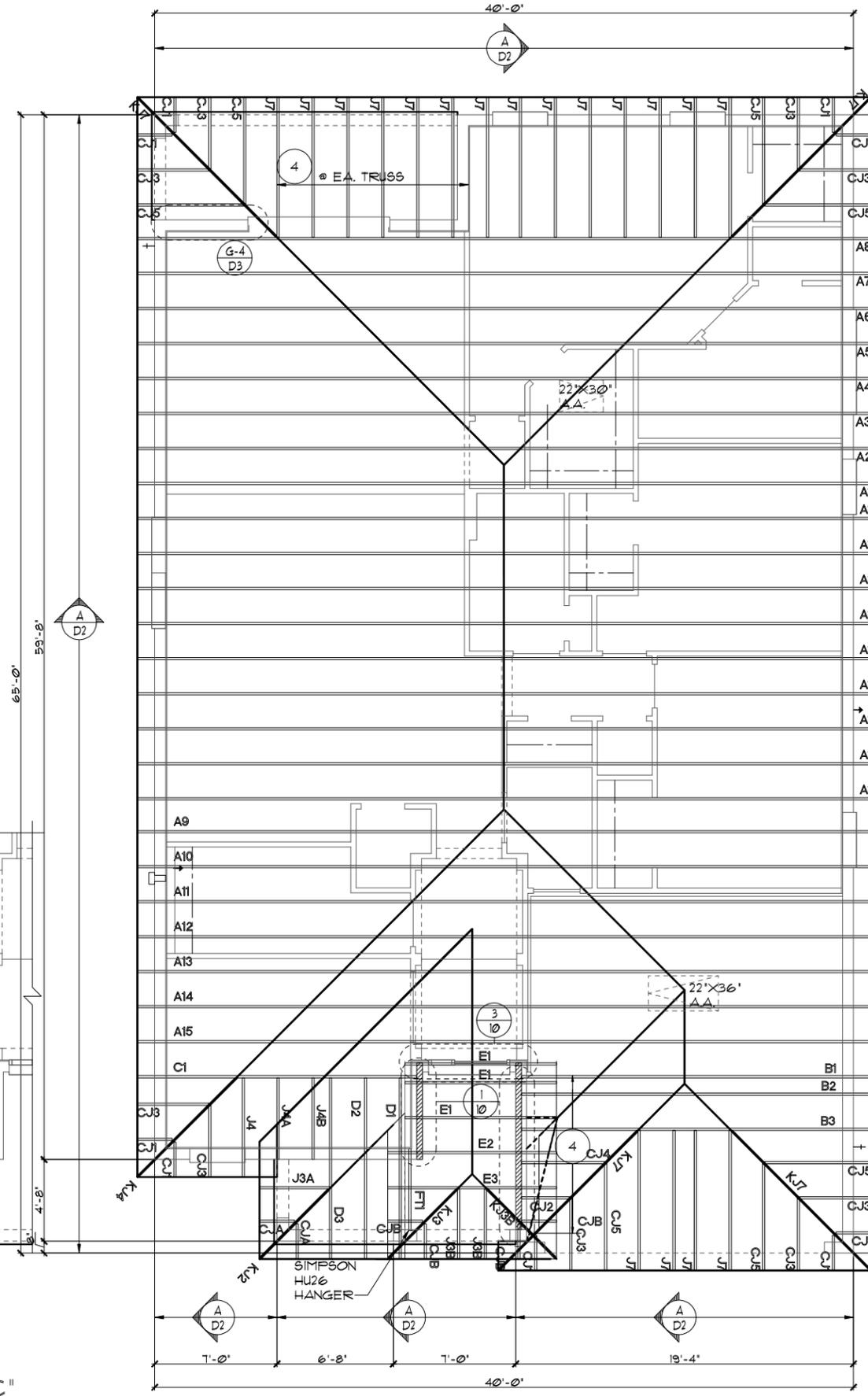
UPPER PORTION VENTILATION TOTAL: ----- **4.68S.F.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78S.F.** /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- **4.32S.F.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(**50 L.F.** @ **0.087S.F.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

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/UTCA 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 2023, 8TH EDITION R305.11 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.11. Underlayment shall be applied and attached in accordance with Table R305.11.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 5 1/2" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 4 1/2" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.11.1

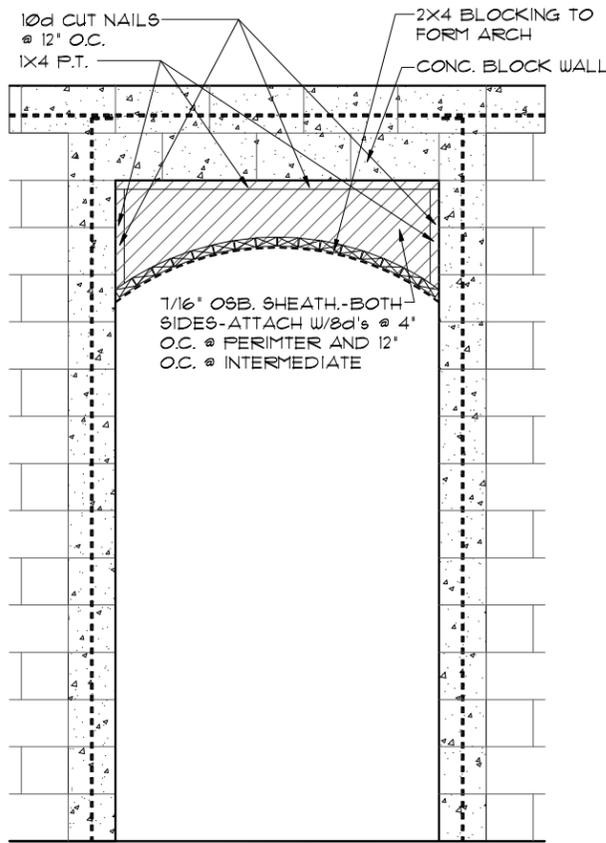


TRUSS LAYOUT "C"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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: MARGATE II

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 DATE 04-05-2011
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 08C OF 00 SHEETS
 REVISIONS BY
 05-10-19 JF
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 Orlando, Florida, 32811
 Phone: (407) 754-1700
 www.iteg.com
Park Square HOMES
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 629-3000
TRUSS LAYOUT



4
8C DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (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.
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 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 BC61 I.
 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
 8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM 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 R305.1.1.1

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

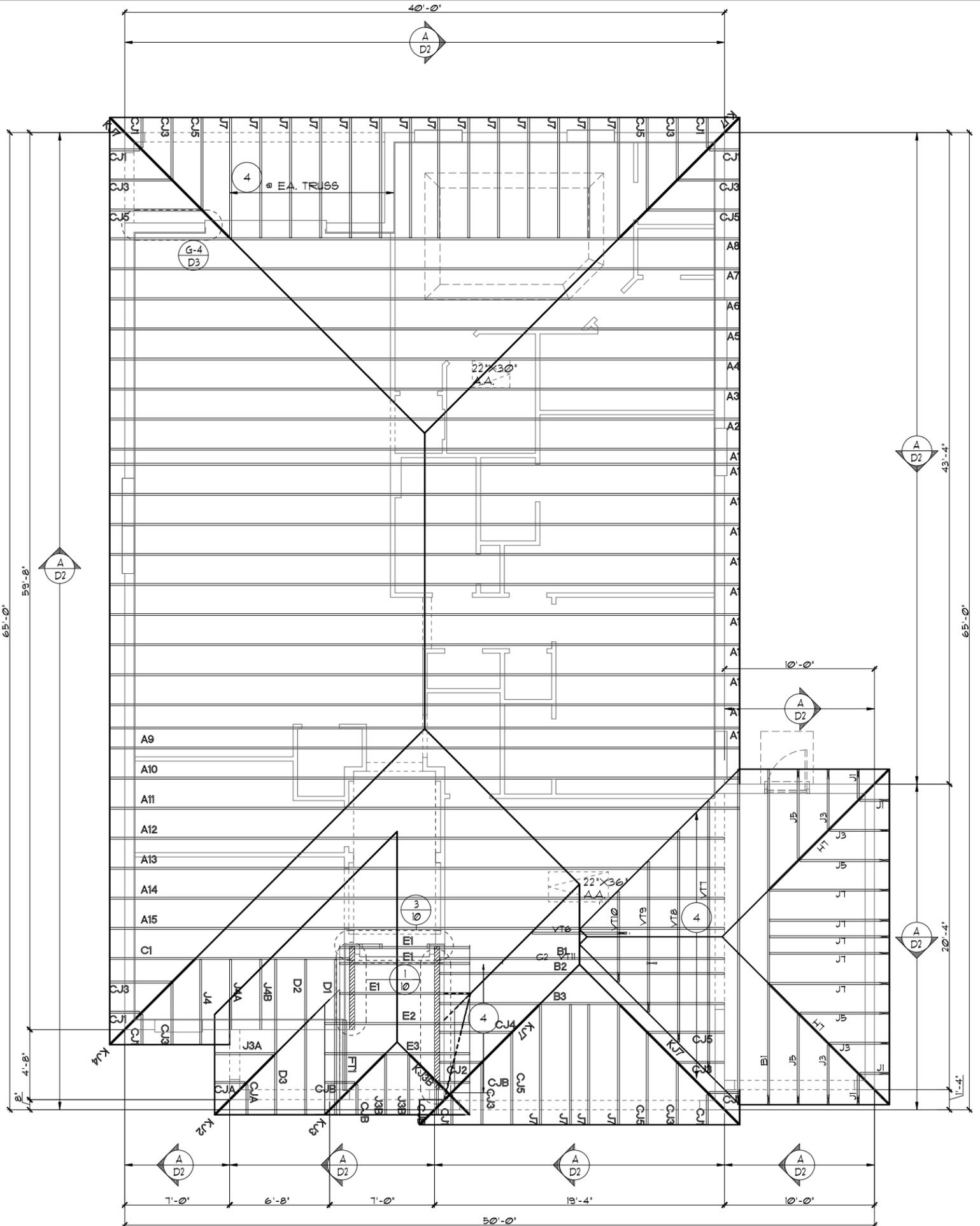
TOTAL VENTED SPACE: $\frac{2,593\text{SF.}}{300} = \underline{8.64\text{SF.}}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- **4.68SF.**
PROVIDED W/OFF RIDGE VENTS: **6** VENTS @ **.78SF.** /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- **4.32SF.**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(**50 L.F.** @ **0.087SF.** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

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



3-CAR GARAGE OPTION

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

1966

MARGATE II

DATE	04-05-2017
SCALE	AS NOTED
DRAWN	RDC
JOB	N/A
SHEET	
08C	3
OF	08 SHEETS

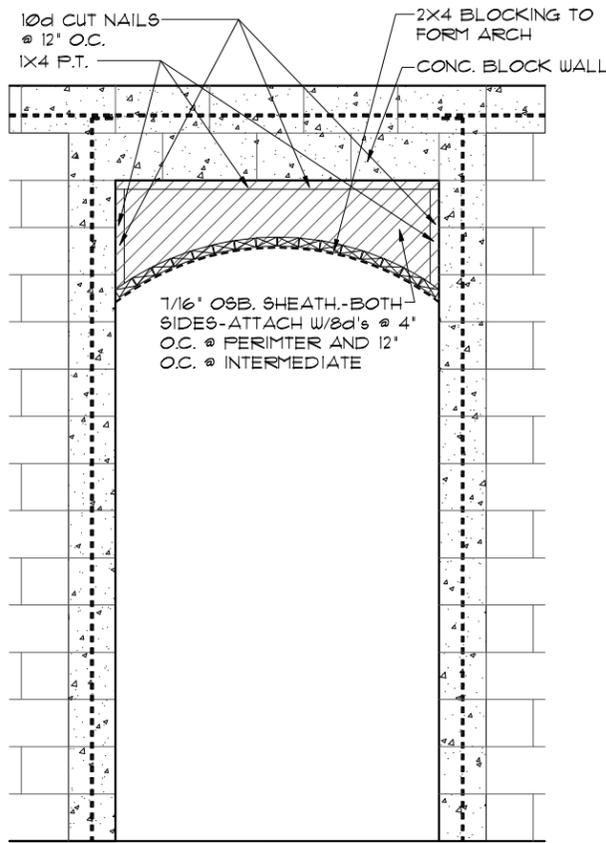
FLORIDA SERIES

Park Square HOMES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 528 - 3000

REVISIONS	BY
05-16-19	JF

ITEG
HOBBSON ENGINEERING GROUP, INC.
1400 W. US HWY 90, SUITE 100
ORLANDO, FL 32817
TEL: (407) 734-1400
FAX: (407) 734-1790
www.iteg.com



4
8C
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

ATTIC VENTILATION CALCULATIONS

PER FBC 2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

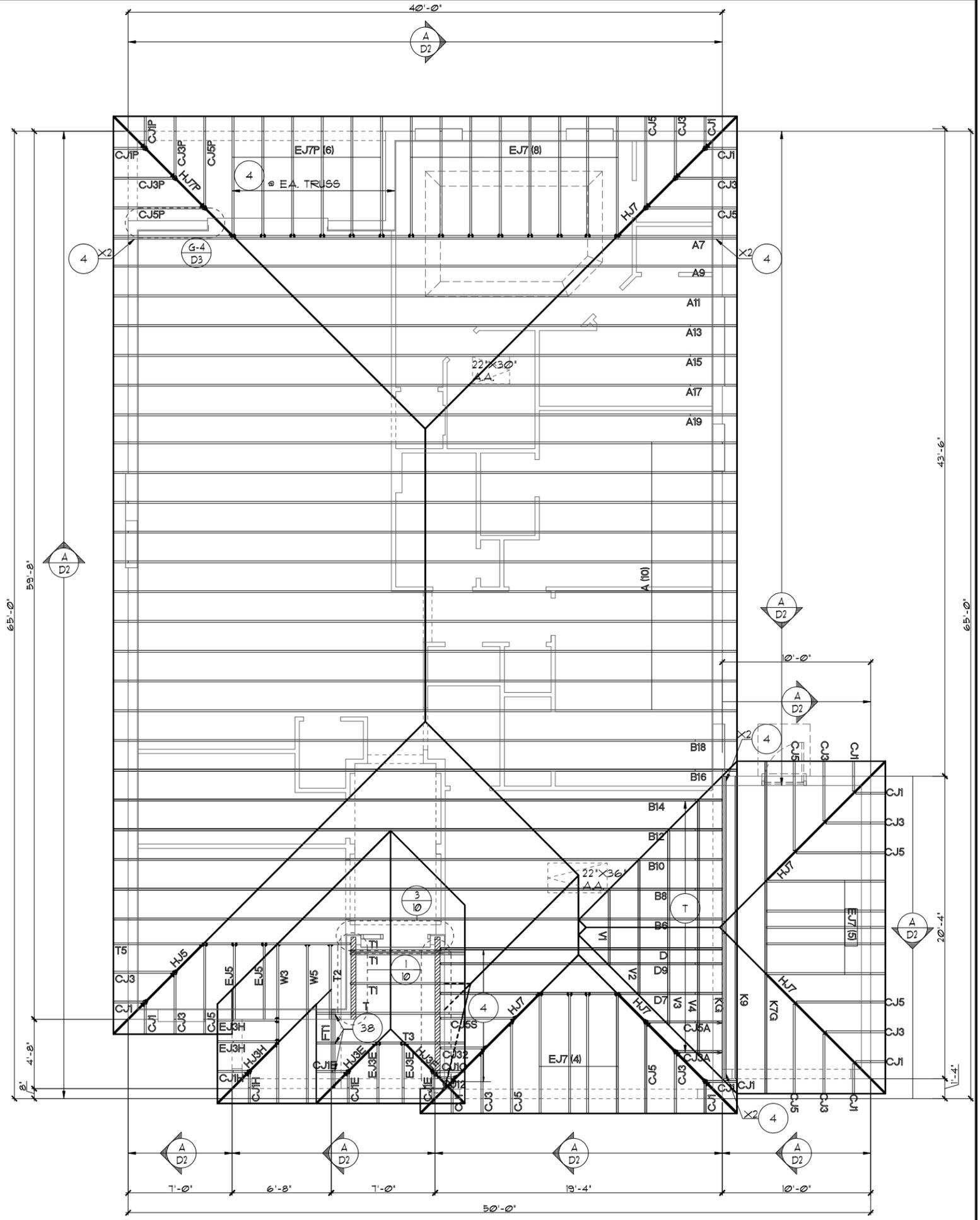
TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- 4.68S.F.
 PROVIDED W/OFF RIDGE VENTS: 6 VENTS @ .78S.F. /VENT.
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 4.32S.F.
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
 (.50 L.F. @ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 50%
 LOWER PORTION PERCENTAGE: 50%

- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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 - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 - SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.11 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.11. Underlayment shall be applied and attached in accordance with Table R305.11.
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 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
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 - ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.11.1

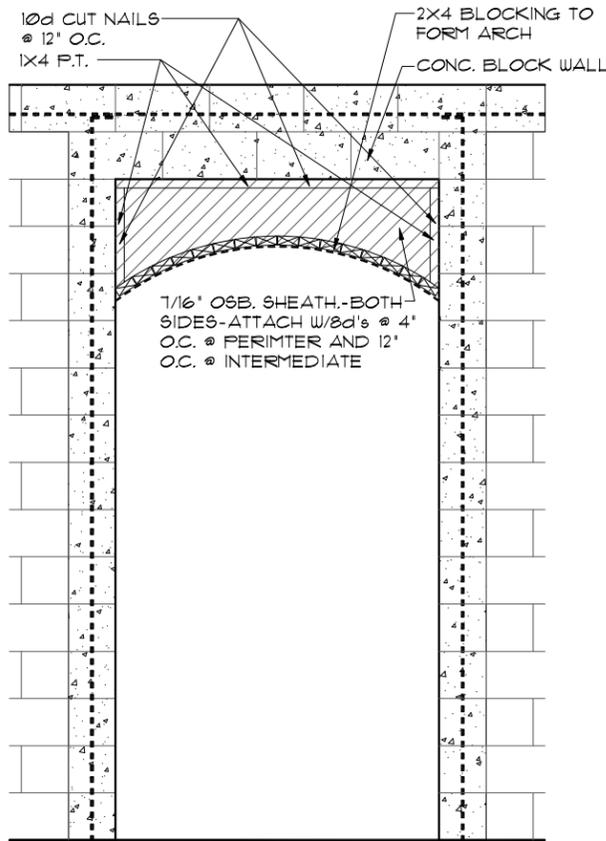


TRUSS LAYOUT "C"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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
 1966
 MARGATE II
 TRUSS LAYOUT
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 528 - 3000
 www.psq.com

REVISIONS	BY
05-16-19	JF

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET
 OF 00 SHEETS



4
8C
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

ATTIC VENTILATION CALCULATIONS

PER FBC 2023 8TH EDITION R206: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

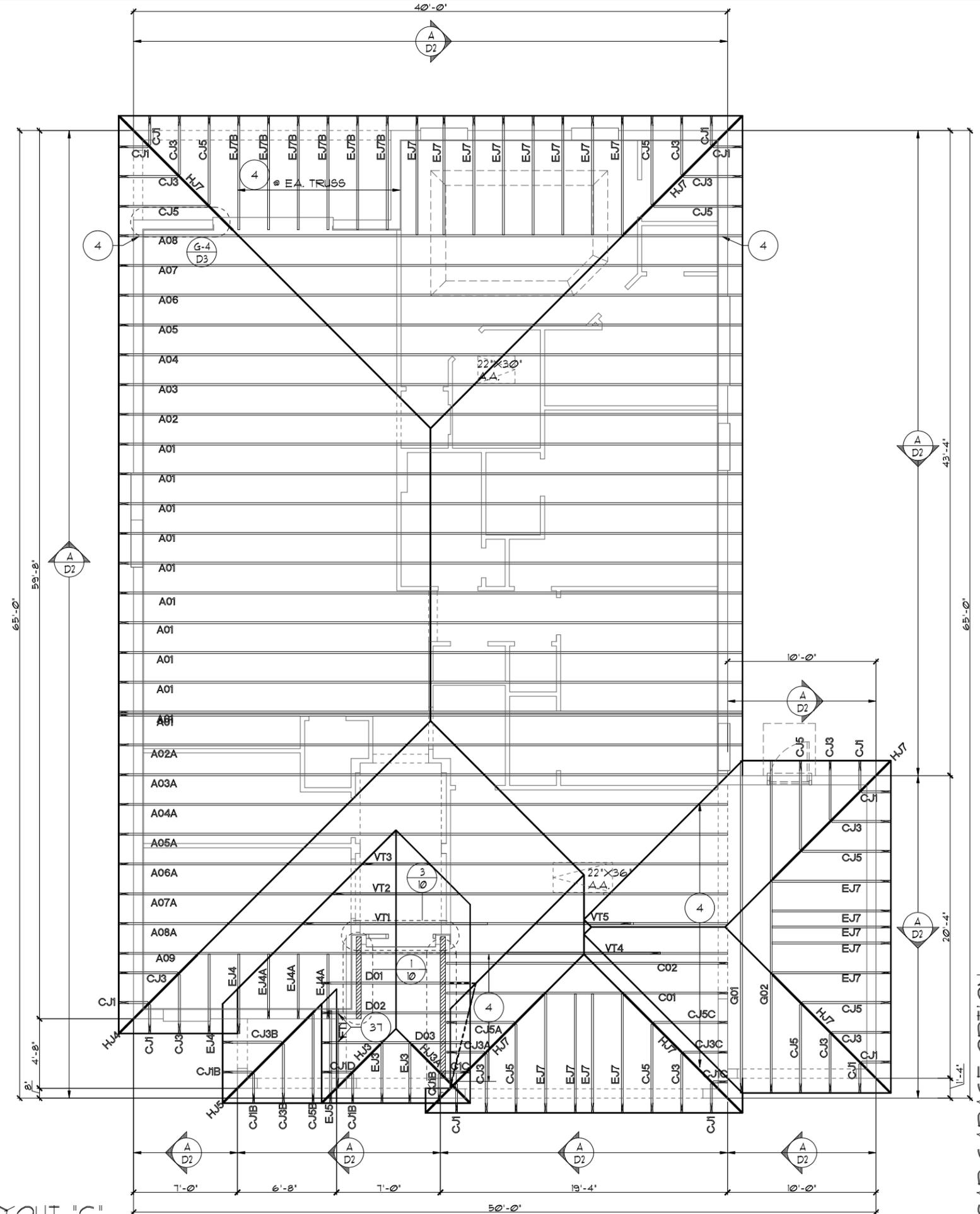
TOTAL VENTED SPACE: $\frac{2,593\text{S.F.}}{300} = 8.64\text{S.F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- 4.68S.F.
PROVIDED W/OFF RIDGE VENTS: 6 VENTS @ .78S.F. VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 4.32S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(50 LF. @ 0.087S.F. VENTING PER LF.)

UPPER PORTION PERCENTAGE: **50%**
LOWER PORTION PERCENTAGE: **50%**

- NOTES**
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 - TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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 - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
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TRUSS LAYOUT "C"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

3-CAR GARAGE OPTION

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

1966

MARGATE II

DATE	04-05-2017
SCALE	AS NOTED
DRAWN	RD C
JOB	N/A
SHEET	08C-3
OF	08 SHEETS

FLORIDA SERIES

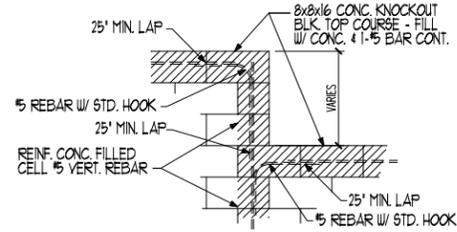
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THOMPSON ENGINEERING GROUP, INC.
10000 W. US HWY 1
ORLANDO, FL 32817
TEL: (407) 734-1400
FAX: (407) 734-1790
www.iteg.com

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Phone: (407) 529 - 3000

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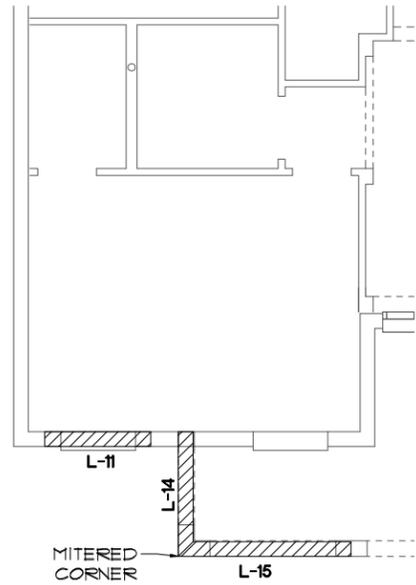
REVISIONS	BY
05-16-19	JF

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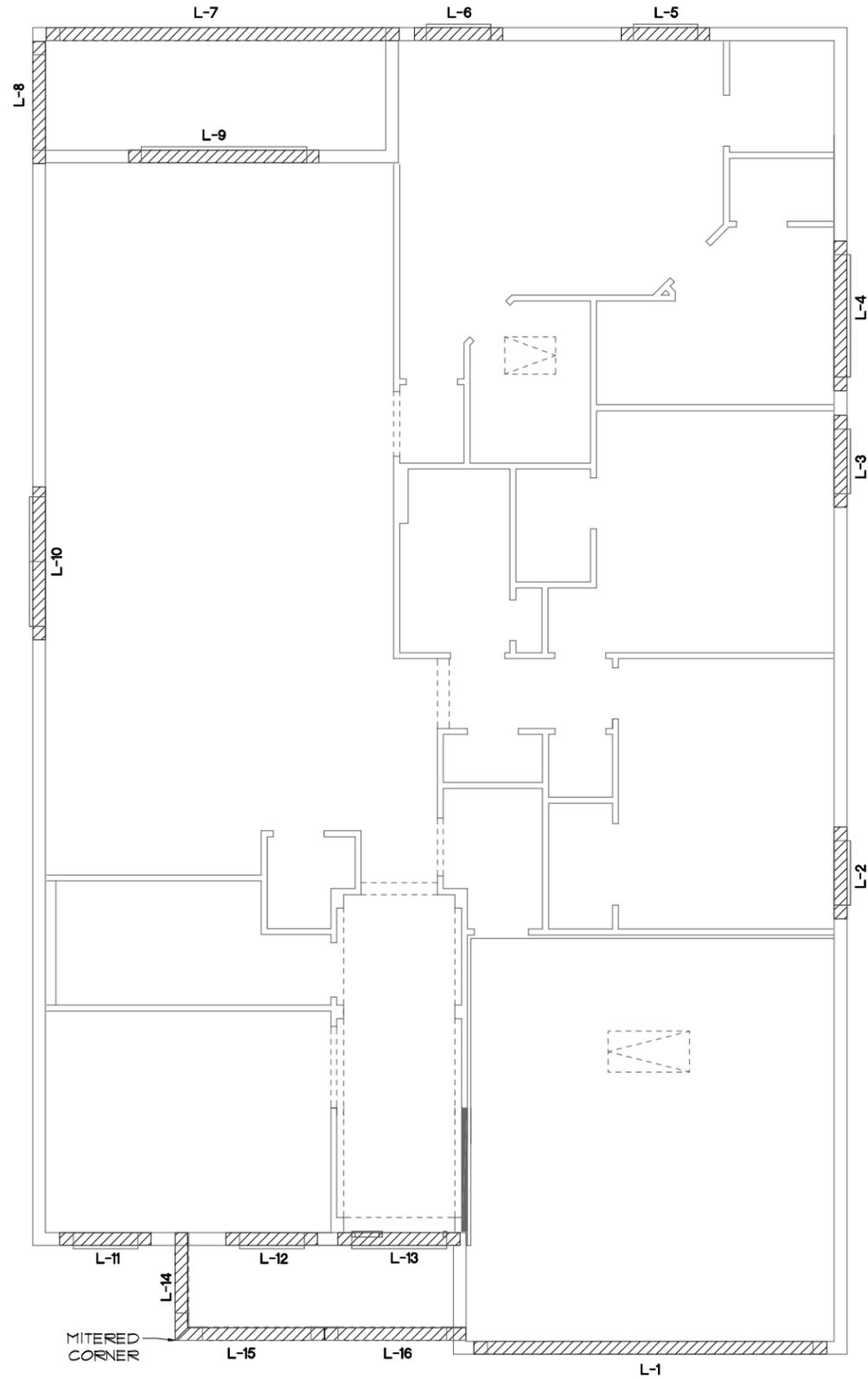


BLOCK WALL HT. TRANSITION DETAIL

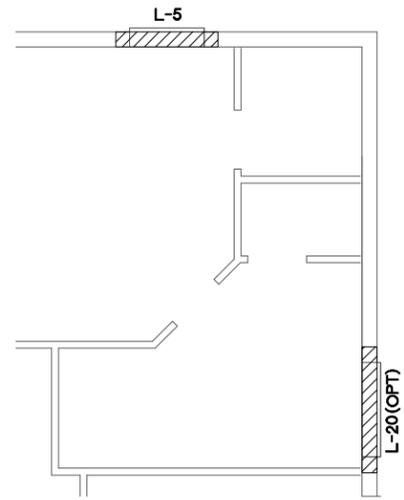
CAST CRETE LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F32-1B/IT	GARAGE DOOR
L 2	4'-6"	8F16-0B/IT	S425
L 3	4'-6"	8F16-0B/IT	S425
L 4	7'-6"	8F12-0B/IT	6/0X1/0 F.G.
L 5	4'-6"	8F16-0B/IT	S425
L 6	4'-6"	8F16-0B/IT	S425
L 7	11'-4"	8F16-1B/IT	REAR LANAI
L 8	5'-10"	8F16-0B/IT	REAR LANAI
L 9	9'-4"	8F16-0B/IT	8/0X8/0 S.G.D.
L 10	7'-6"	8F16-0B/IT	FR S425
L 11	4'-6"	8F16-0B/IT	S425
L 12	4'-6"	8F16-0B/IT	S425
L 13	5'-10"	8RF12-0B/IT	FRONT DOOR
L 14	5'-4"	8F48-0B/IT	FRONT ENTRY
L 15	6'-6"	8F48-0B/IT	FRONT ENTRY
L 16	6'-6"	8F48-0B/IT	FRONT ENTRY
L 17			
L 18			
L 19			
L 20	5'-4"	8F16-0B/IT	4040 OPT MASTER BATH
L 21	9'-4"	8F32-1B/IT	GARAGE DOOR
L 22	16'-0"	8F16-1B/IT	GARAGE
L 23			
L 24			
L 25			
L 26	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 27	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
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L 37			
L 38			
L 39			



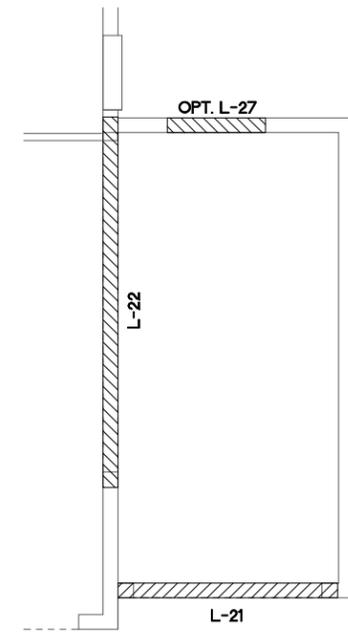
BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



PRE CAST LINTEL LAYOUT A & "B"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



M. B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



3-CAR GAR. OPT.
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

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05-16-19	JF

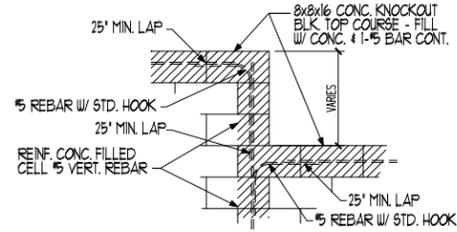
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THOMPSON ENGINEERING GROUP, INC.
10000 South Orange Avenue, Suite 200
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Tel: (407) 734-1400
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www.iteg.com

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

Park Square HOMES
PRE CAST LINTEL LAYOUT
EXTENDED FOYER

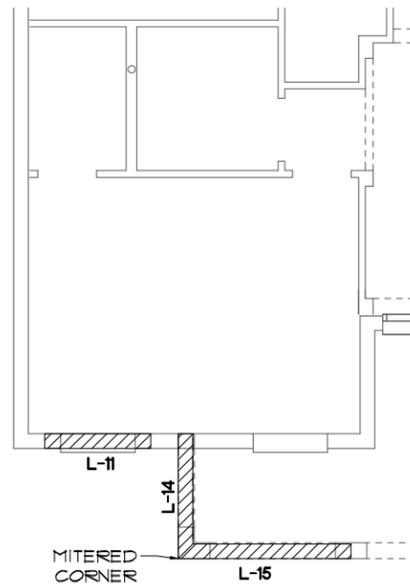
1966
MARGATE II

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
09AB
OF 00 SHEETS



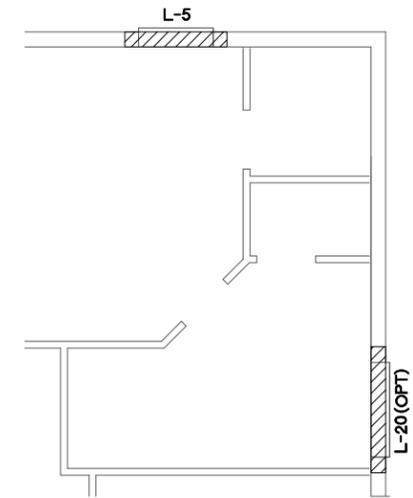
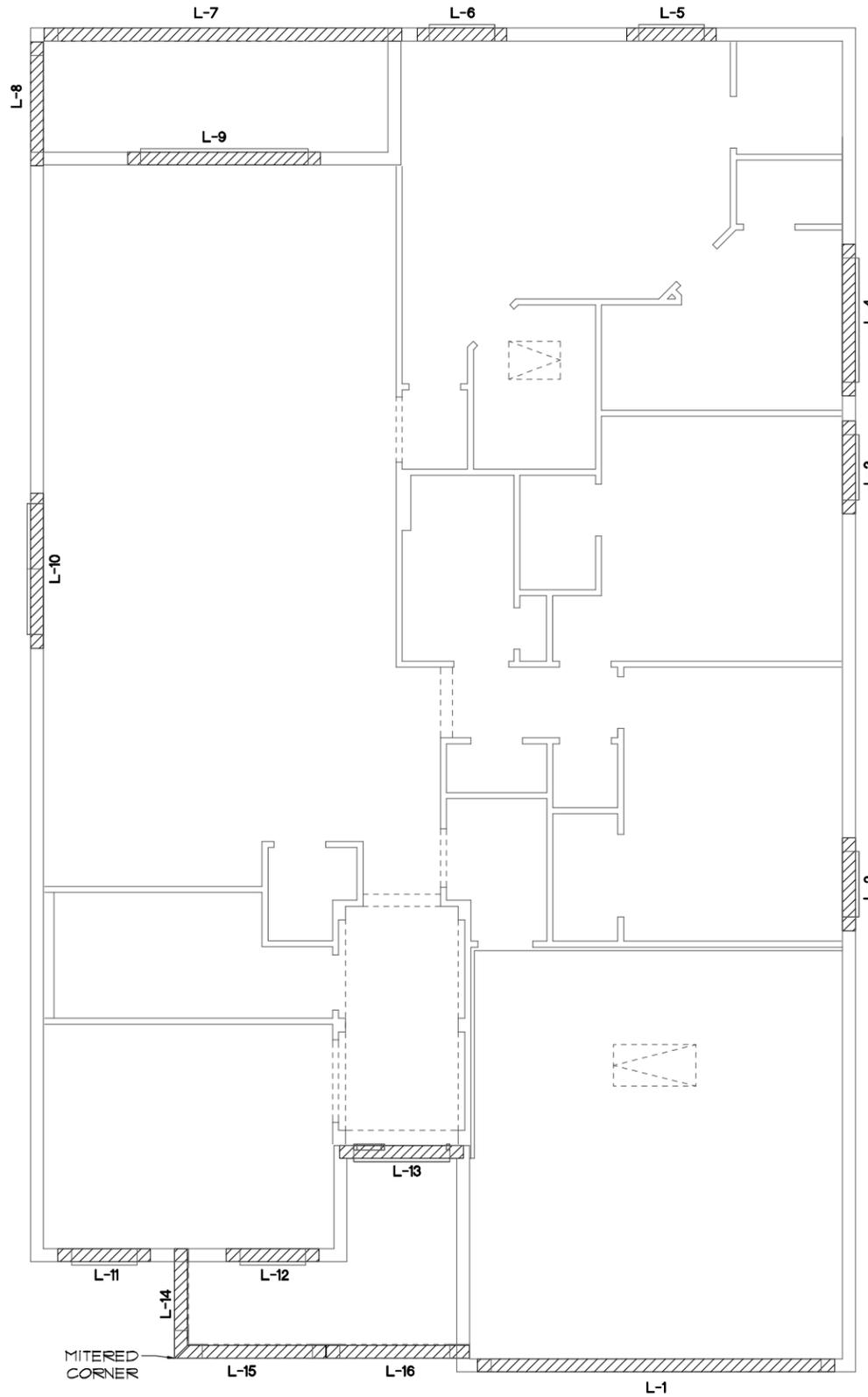
BLOCK WALL HT. TRANSITION DETAIL

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	SH25
L 3	4'-6"	8F16-0B/IT	SH25
L 4	7'-6"	8F12-0B/IT	6/0X1/0 F.G.
L 5	4'-6"	8F16-0B/IT	SH25
L 6	4'-6"	8F16-0B/IT	SH25
L 7	11'-4"	8F16-1B/IT	REAR LANAI
L 8	5'-10"	8F16-0B/IT	REAR LANAI
L 9	9'-4"	8F16-0B/IT	8/0X8/0 S.G.D.
L 10	7'-6"	8F16-0B/IT	FR SH25
L 11	4'-6"	8F16-0B/IT	SH25
L 12	4'-6"	8F16-0B/IT	SH25
L 13	5'-10"	8RF12-0B/IT	FRONT DOOR
L 14	5'-4"	8F48-0B/IT	FRONT ENTRY
L 15	6'-6"	8F48-0B/IT	FRONT ENTRY
L 16	6'-6"	8F48-0B/IT	FRONT ENTRY
L 17			
L 18			
L 19			
L 20	5'-4"	8F16-0B/IT	4040 OPT MASTER BATH
L 21	9'-4"	8F32-1B/IT	GARAGE DOOR
L 22	16'-0"	8F16-1B/IT	GARAGE
L 23			
L 24			
L 25			
L 26	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 27	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
L 36			
L 37			
L 38			
L 39			

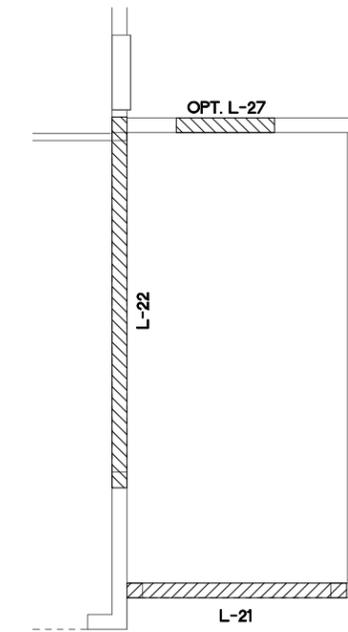


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

PRE CAST LINTEL LAYOUT A & "B"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



M. B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



3-CAR GAR. OPT.
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: 1966 MARGATE II

DATE 04-05-2017

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET 09AB OF 00 SHEETS

FLORIDA SERIES

PRE CAST LINTEL LAYOUT

1966

MARGATE II

DATE 04-05-2017

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET 09AB OF 00 SHEETS

REVISIONS

BY

05-16-19

JF

05-16-19

JF

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Orlando, Florida, 32811

Phone: (407) 529 - 3000

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1400 E. Colonial Ave., Suite 100

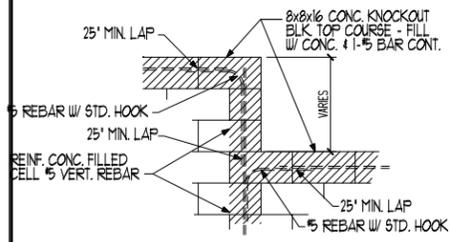
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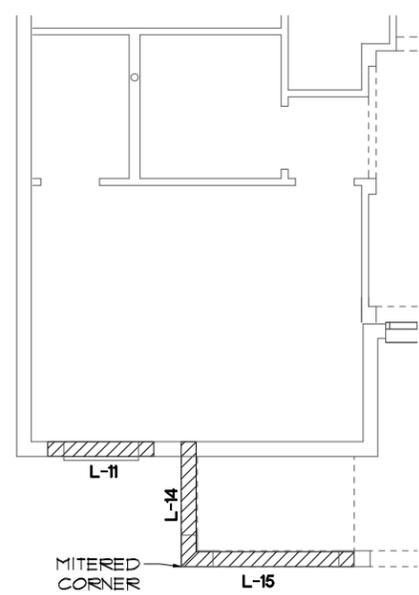
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PARK SQUARE HOMES



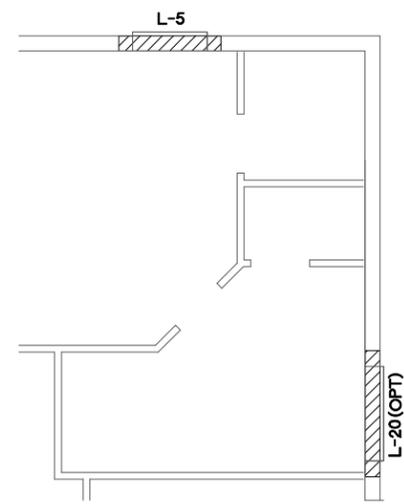
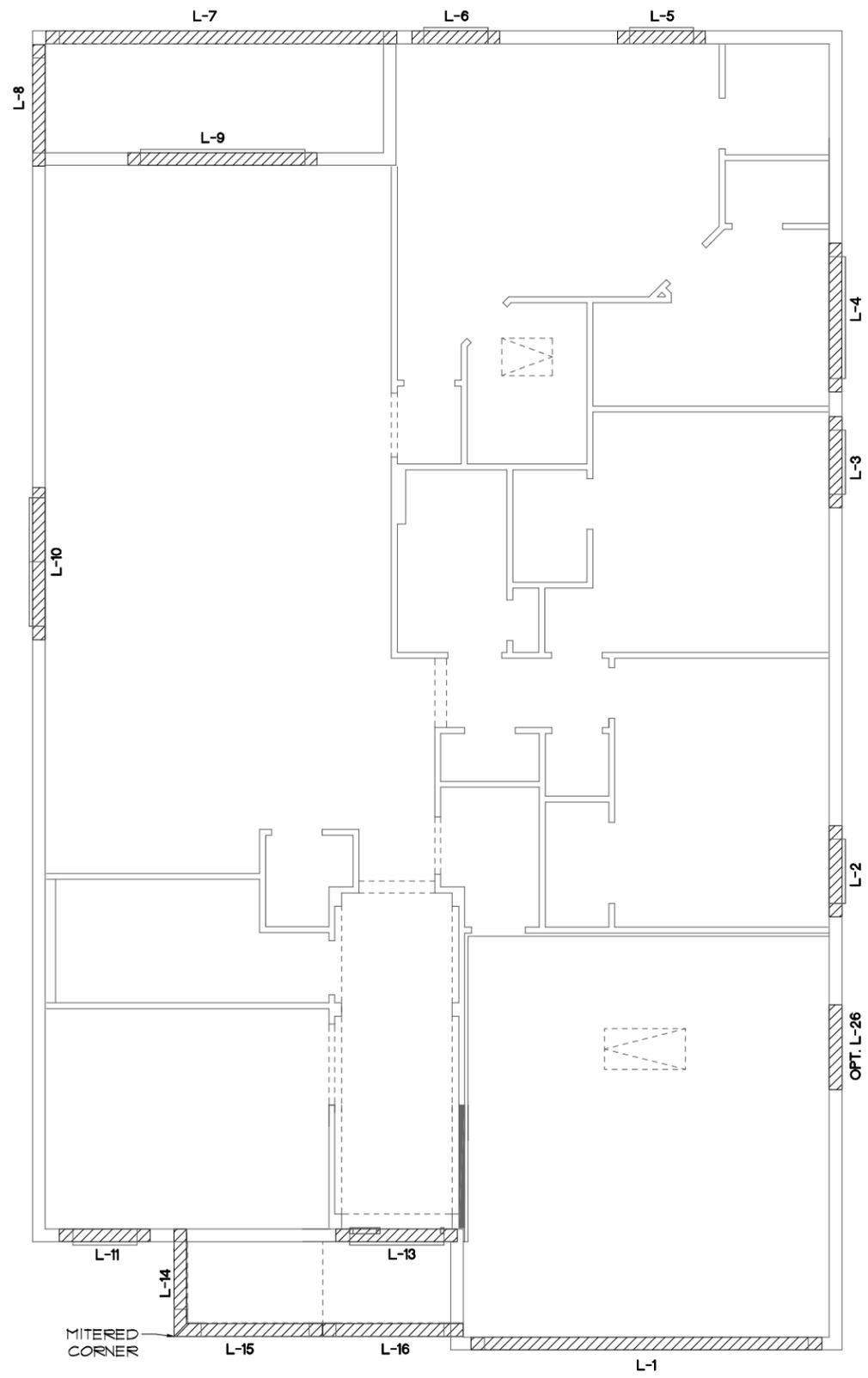
BLOCK WALL HT. TRANSITION DETAIL

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	SH25
L 3	4'-6"	8F16-0B/IT	SH25
L 4	7'-6"	8F12-0B/IT	6/0X1/0 F.G.
L 5	4'-6"	8F16-0B/IT	SH25
L 6	4'-6"	8F16-0B/IT	SH25
L 7	11'-4"	8F16-1B/IT	REAR LANAI
L 8	5'-10"	8F16-0B/IT	REAR LANAI
L 9	9'-4"	8F16-0B/IT	8/0X8/0 S.G.D.
L 10	7'-6"	8F16-0B/IT	FR SH25
L 11	4'-6"	8F16-0B/IT	SH25
L 12			
L 13	5'-10"	8RF12-0B/IT	FRONT DOOR
L 14	5'-4"	8F16-0B/IT	FRONT ENTRY
L 15	6'-6"	8F16-0B/IT	FRONT ENTRY
L 16	6'-6"	8F56-0B/IT	FRONT ENTRY
L 17			
L 18			
L 19			
L 20	5'-4"	8F16-0B/IT	4040 OPT MASTER BATH
L 21	9'-4"	8F32-1B/IT	GARAGE DOOR
L 22	16'-0"	8F16-1B/IT	GARAGE
L 23			
L 24			
L 25			
L 26	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 27	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
L 36			
L 37			
L 38			
L 39			

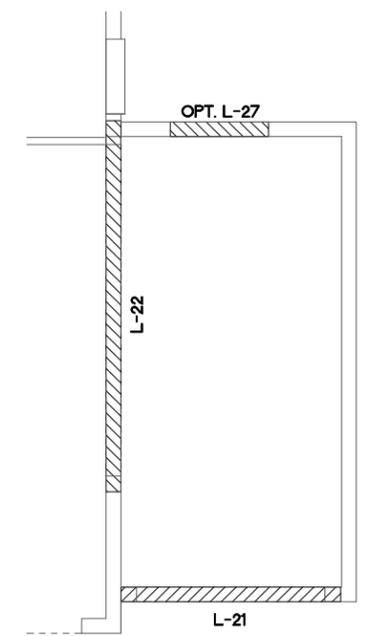


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

PRE CAST LINTEL LAYOUT "C"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



M. B.A. OPTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



3-CAR GAR. OPT.
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

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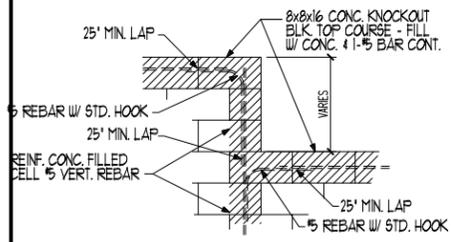
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Park Square HOMES

PRE CAST LINTEL LAYOUT
EXTENDED FOYER

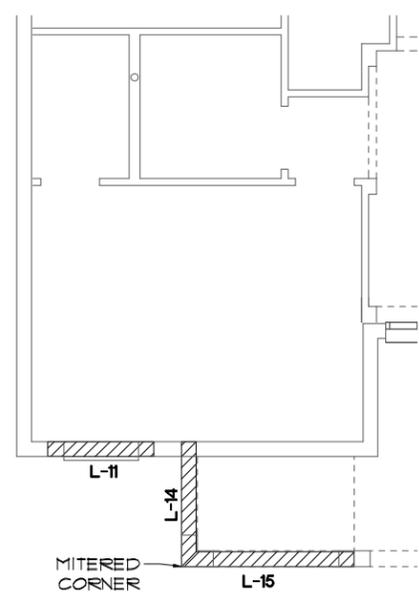
1966
MARGATE II

DATE 04-05-2017
SCALE AS NOTED
DRAWN RDC
JOB N/A
SHEET
09C
OF 00 SHEETS



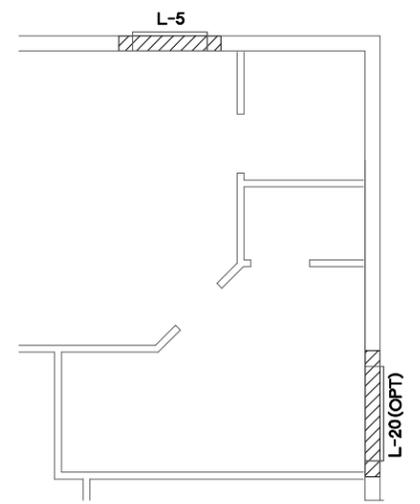
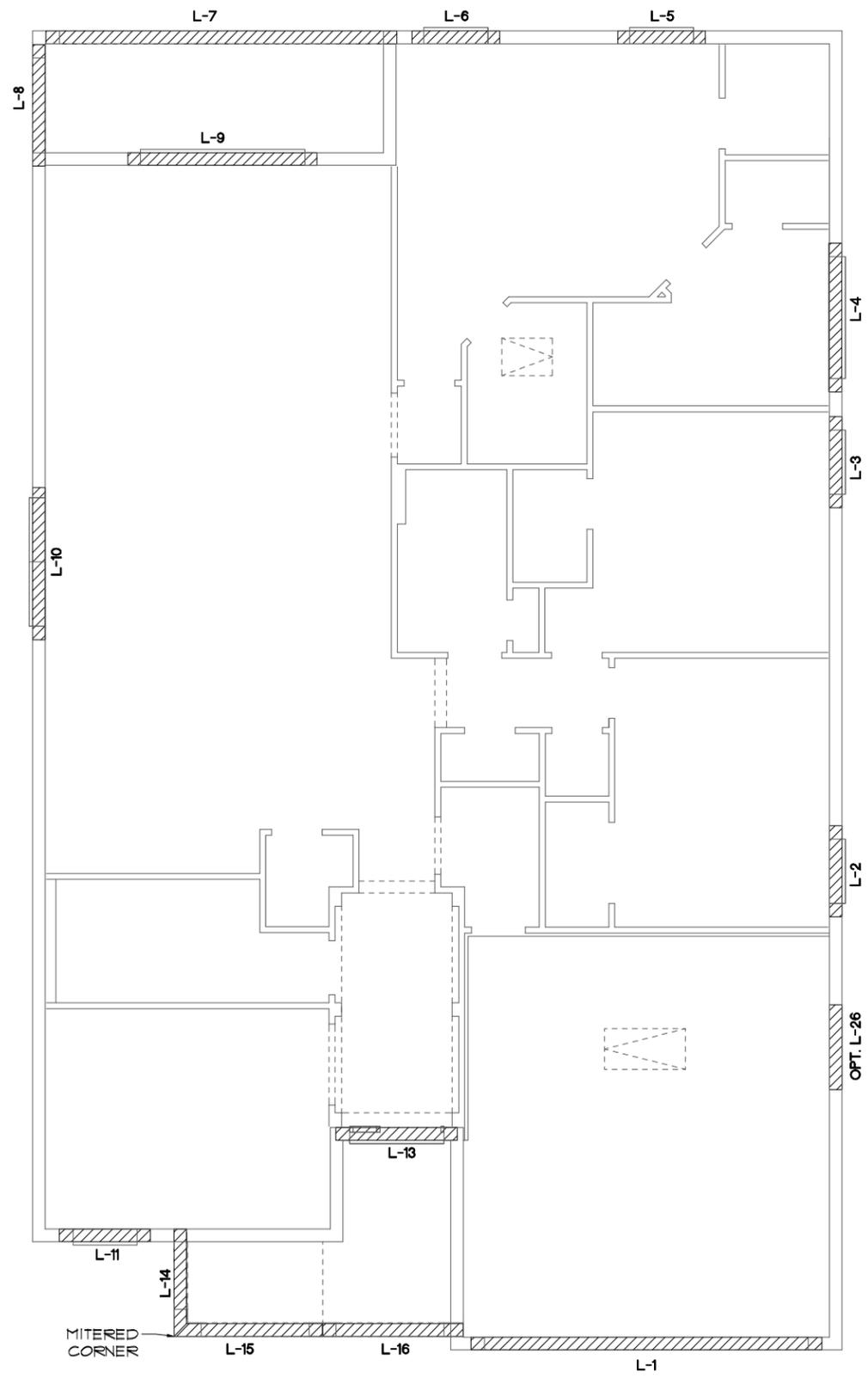
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L 12			
L 13	5'-10"	8RF12-0B/IT	FRONT DOOR
L 14	5'-4"	8F16-0B/IT	FRONT ENTRY
L 15	6'-6"	8F16-0B/IT	FRONT ENTRY
L 16	6'-6"	8F36-0B/IT	FRONT ENTRY
L 17			
L 18			
L 19			
L 20	5'-4"	8F16-0B/IT	4040 OPT MASTER BATH
L 21	9'-4"	8F32-1B/IT	GARAGE DOOR
L 22	16'-0"	8F16-1B/IT	GARAGE
L 23			
L 24			
L 25			
L 26	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 27	4'-6"	8RF16-0B/IT	OPT. GAR. SERVICE DOOR
L 28			
L 29			
L 30			
L 31			
L 32			
L 33			
L 34			
L 35			
L 36			
L 37			
L 38			
L 39			

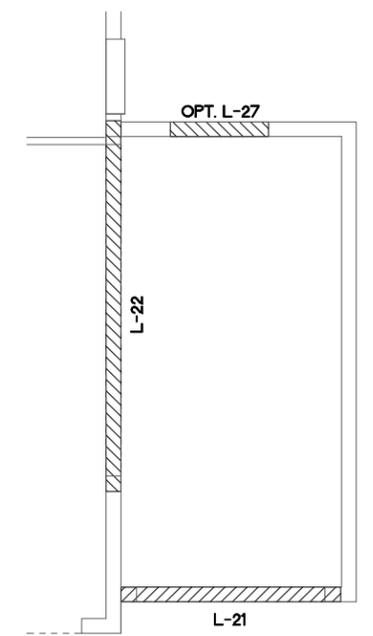


BEDROOM 4 OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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



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



3-CAR GAR. OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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PRE CAST LINTEL LAYOUT

1966
MARGATE II

DATE 04-05-2011
SCALE AS NOTED
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09C
OF 00 SHEETS

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8' PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	GRAVITY											
		8F8-0B	8F10-0B	8F12-0B	8F14-0B	8F16-0B	8F18-0B	8F20-0B	8F22-0B	8F24-0B	8F26-0B	8F28-0B	8F30-0B
2'-10" (34") PRECAST	2302	316e	4473	6039	7526	9004	10472	11936					
		316e	4473	6039	7526	9004	10472	11936					
3'-6" (42") PRECAST	2302	316e	4473	6039	7526	9004	10472	11936					
		2325	2496	3461	4438	5410	6384	7358					
4'-0" (48") PRECAST	2029	2646	4473	6039	7526	9004	10472	11936					
		1787	1913	2657	3403	4149	4896	5644					
4'-6" (54") PRECAST	1651	2170	4027	6039	7526	9004	10472	11936					
		1223	1301	1809	2311	2816	3336	3846					
5'-4" (64") PRECAST	1184	1665	2889	5097	6796	8490	10184	11878					
		1000	1059	1474	1889	2304	2721	3137					
5'-10" (70") PRECAST	972	1459	2464	4144	5458	6772	8086	9400					
		1255	1201	1633	2065	2497	2929	3361					
6'-6" (78") PRECAST	937	1255	2101	3396	4691	5986	7281	8576					
		1025	1675	2385	3095	3805	4515	5225					
7'-6" (90") PRECAST	767	1025	1675	2610	3899	5188	6477	7766					
		632	1049	1469	1889	2309	2729	3149					
9'-4" (112") PRECAST	973	768	1212	1818	2544	3270	4000	4730					
		482	802	1025	1248	1471	1694	1917					
10'-6" (126") PRECAST	456	658	1025	1514	2081	2714	3347	3980					
		598	939	1369	1854	2411	2968	3525					
11'-4" (136") PRECAST	448	549	864	1284	1754	2224	2694	3164					
		427	716	1029	1331	1633	1935	2237					
12'-0" (144") PRECAST	414	485	748	1076	1438	1855	2343	2831					
		381	648	918	1190	1462	1734	2006					
14'-0" (168") PRECAST	338	459	700	1003	1335	1714	2153	2666					
		NR											
14'-8" (176") PRESTRESSED	NR	465	769	1100	1465	1880	2350	2880					
		NR											
15'-4" (184") PRESTRESSED	NR	420	699	1020	1395	1820	2300	2840					
		NR											
17'-4" (208") PRESTRESSED	NR	310	530	850	1200	1600	2000	2600					
		NR											
19'-4" (232") PRESTRESSED	NR	240	400	680	1030	1400	1800	2200					
		NR											
21'-4" (256") PRESTRESSED	NR	183	330	610	940	1340	1800	2300					
		NR											
22'-0" (264") PRESTRESSED	NR	160	300	570	870	1250	1660	2100					
		NR											
24'-0" (288") PRESTRESSED	NR	130	240	470	720	1030	1350	1610					
		NR											

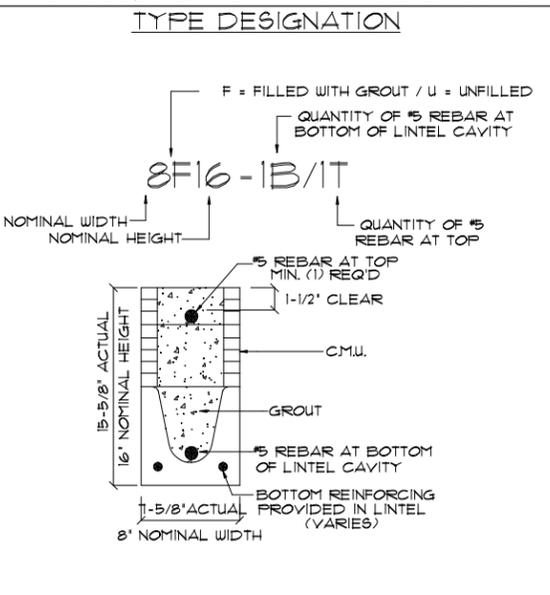
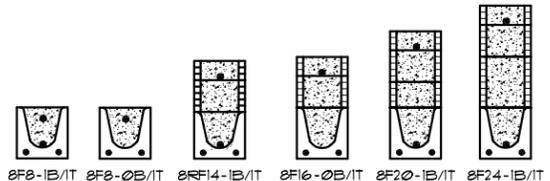
8' PRECAST W/ 2" RECESS DOOR U-LINTELS

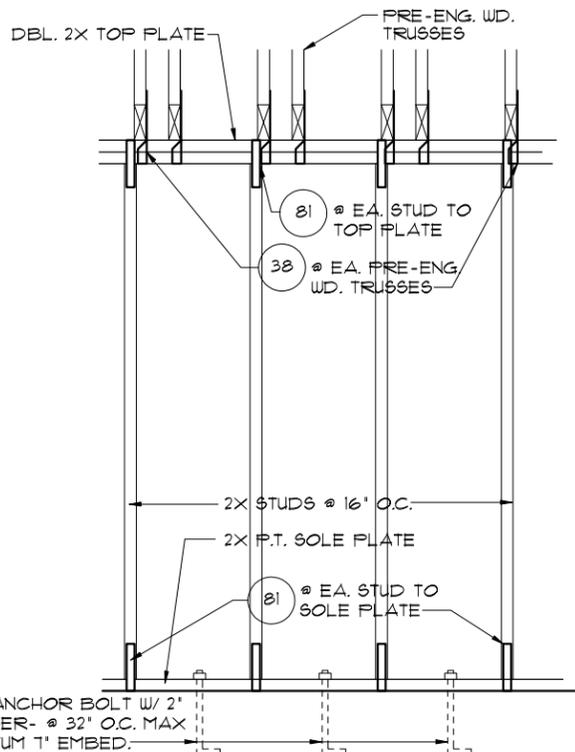
LENGTH	TYPE	GRAVITY											
		8RF8-0B	8RF10-0B	8RF12-0B	8RF14-0B	8RF16-0B	8RF18-0B	8RF20-0B	8RF22-0B	8RF24-0B	8RF26-0B	8RF28-0B	8RF30-0B
4'-4" (52") PRECAST	1489	1991	3029	4282	5654	7152	8781	10546					
		1449	2182	2714	3460	4481	5719	7184					
4'-6" (54") PRECAST	1351	1702	342	4983	6472	7941	9416	10878					
		832	1607	2590	3679	4866	6153	7540					
5'-8" (68") PRECAST	785	1153	2162	4074	6472	8516	10514	12512					
		779	1500	2493	3524	4600	5721	6887					
5'-10" (70") PRECAST	735	1103	2051	3811	6472	8516	10514	12512					
		907	1671	2933	4200	5477	6764	8051					
6'-8" (80") PRECAST	822	907	1671	2933	4200	5477	6764	8051					
		761	1377	2252	3158	4091	5051	6037					
7'-6" (90") PRECAST	665	764	1377	2252	3158	4091	5051	6037					
		420	834	1293	1811	2342	2896	3471					
9'-8" (116") PRECAST	371	535	928	1497	2179	2876	3595	4346					
		NR	NR	NR	NR	NR	NR	NR					

8' PRECAST & PRESTRESSED U-LINTELS

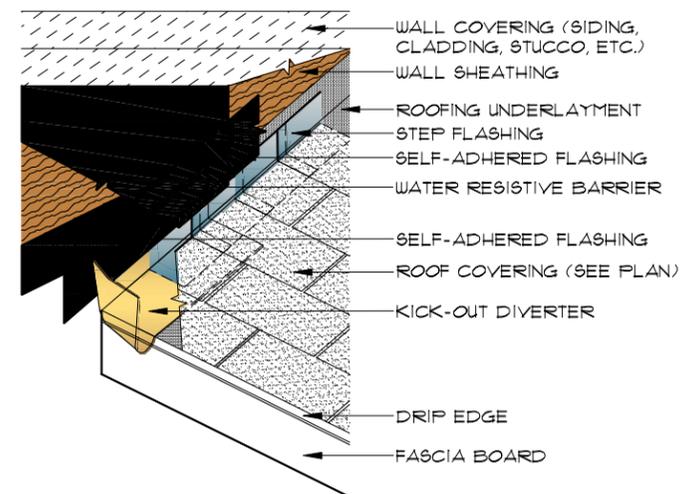
LENGTH	TYPE	UPLIFT												LATERAL	
		8F8-0B	8F10-0B	8F12-0B	8F14-0B	8F16-0B	8F18-0B	8F20-0B	8F22-0B	8F24-0B	8F26-0B	8F28-0B	8F30-0B		
2'-10" (34") PRECAST	2721	2878	4101	5332	6569	7811	9055								
		2721	2784	3981	5190	6401	7613	8827							
3'-6" (42") PRECAST	2165	2289	3260	4237	5219	6204	7192								
		2165	2275	3165	4129	5091	6061	7036							
4'-0" (48") PRECAST	1878	1993	2832	3680	4532	5381	6245								
		1878	1925	2750	3583	4422	5264	6110							
4'-6" (54") PRECAST	1660	1762	2501	3257	4010	4761	5525								
		1660	1709	2435	3171	3913	4658	5406							
5'-4" (64") PRECAST	1393	1484	2110	2741	3375	4010	4648								
		1393	1431	2050	2670	3293	3920	4549							
5'-10" (70") PRECAST	1272	1391	1930	2509	3084	3665	4241								
		1272	1319	1875	2441	3010	3583	4157							
6'-6" (78") PRECAST	1141	1200	1733	2250	2769	3290	3812								
		1141	1182	1684	2192	2703	3216	3732							
7'-6" (90") PRECAST	999	1079	1479	1907	2351	2811	3285								
		999	1029	1466	1907	2351	2811	3285							
9'-4" (112") PRECAST	801	879	1192	1530	1890	2271	2634								
		801	859	1192	1530	1890	2271	2634							
10'-6" (126") PRECAST	716	761	1039	1389	1761	2154	2558								
		716	761	1039	1389	1761	2154	2558							
11'-4" (136") PRECAST	666	697	939	1209	1504	1825	2158								
		666	697	939	1209	1504	1825	2158							
12'-0" (144") PRECAST	607	607	800	1029	1280	1561	1872								
		607	631	816	1060	1341	1662	1993							
13'-4" (160") PRECAST	500	500	640	816	1029	1280	1561								
		573	609	802	1020	1241	1463	1687							
14'-0" (168") PRECAST	458	458	573	718	887	1072	1272								
		548	578	693	822	954	1091	1234							
14'-8" (176") PRESTRESSED	243	243	289	359	441	534	638								
		243	289	359	441	534	638	754							
15'-4" (184") PRESTRESSED	228	228	274	344	427	520	624								
		228	274	344	427	520	624	730							
17'-4" (208") PRESTRESSED	188	188	236	296	366	446	536								
		188	236	296	366	446	536	636							
19'-4" (232") PRESTRESSED	165	165	213	273	343	423	513								
		165	213	273	343	423	513	613							
21'-4" (256") PRESTRESSED	145	145	186	246	316	396	486								
		145	186	246	316	396	486	586							
22'-0" (264") PRESTRESSED	131	131	169	229	299	379	469								
		131	169	229	299	379	469	569							
24'-0" (288") PRESTRESSED	124	124	162	222	292	372	462								
		124	162	222	292	372	462	562							

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

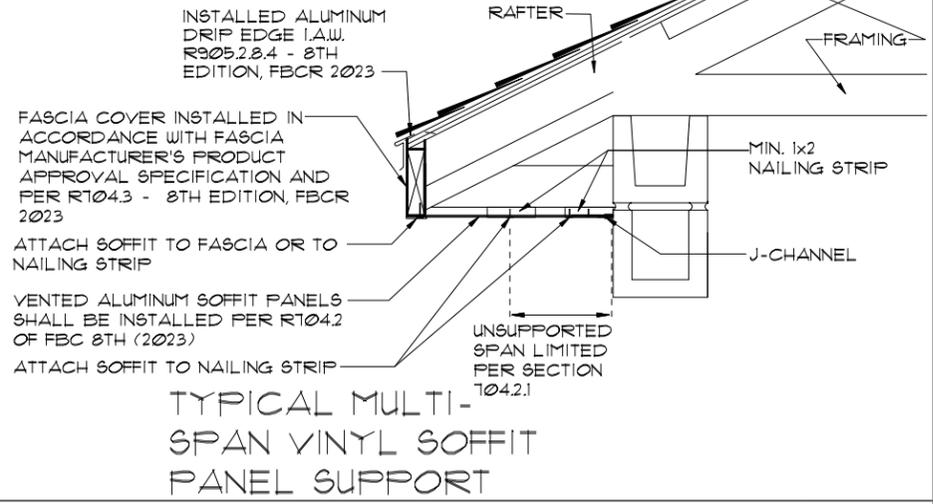




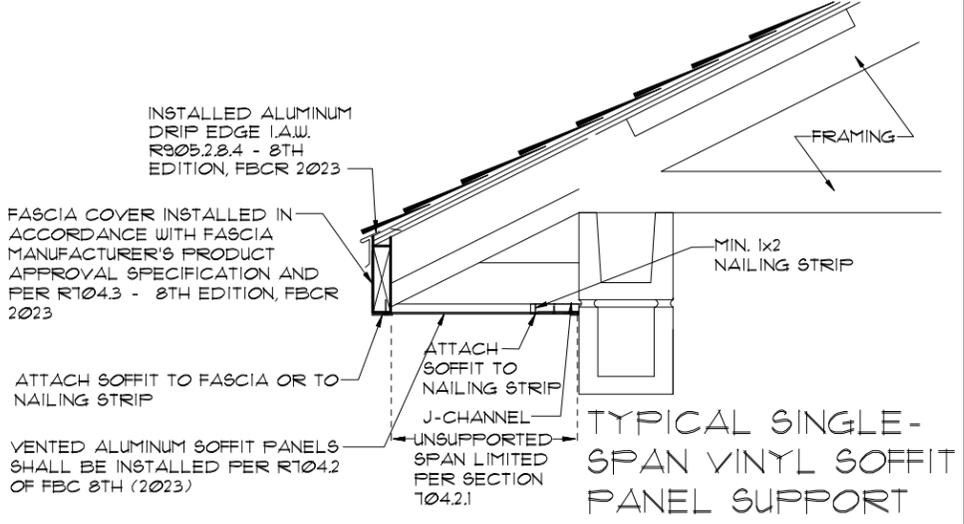
4 DETAIL (BRG. W/ UPLIFT)
 1/2" Ø ANCHOR BOLT W/ 2" WASHER - @ 32" O.C. MAX. MINIMUM 1" EMBED.
 1/2" = 1'-0" (11X17) 1" = 1'-0" (22X34)



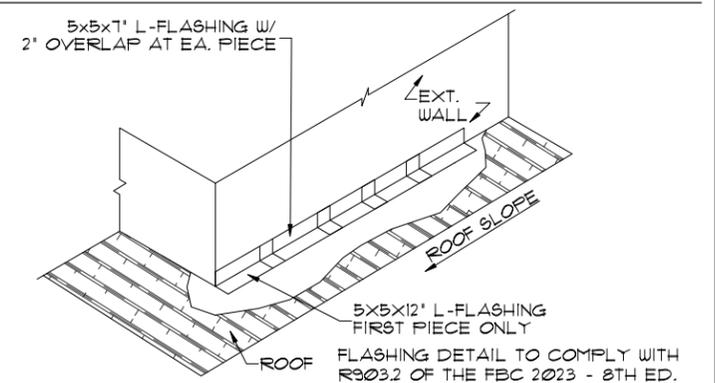
2 KICK-OUT FLASHING
 N.T.S.



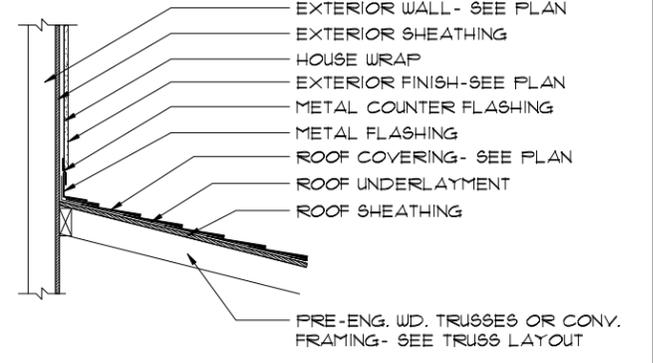
TYPICAL MULTI-SPAN VINYL SOFFIT PANEL SUPPORT



TYPICAL SINGLE-SPAN VINYL SOFFIT PANEL SUPPORT



1 STEP WALL FLASHING
 N.T.S.



3 HEAD WALL FLASHING
 N.T.S.

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1,810	65 / 960
5	DETAL20	18-10d x 1 1/2"	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	HI	RFT: 6-8dx1 1/2" / PLT: 4-8d	RT15	RFT: 5-8dx1 1/2" / PLT: 5-8d	475	485 / 165
22	HI0A	RFT: (9)10d x 1 1/2" PLT: (9)10d x 1 1/2"	RT16	RFT: 8-8d x 1 1/2" PLT: 8-8d	990	585 / 525
23	LUS26	HDR: 4-10d / JST: 4-10d RFT / TRS: (4)8d	JUS26	HDR: 4-10d / JST: 4-10d	935	N/A
24	HTZ	PLT / STD: (2)8dx 1 1/2" (8)8d	RT20	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H25A	RFT: 5-8d / PLT: 5-8d	RT1	RFT: 5-8d / PLT: 5-8d	415	150 / 150
34	A34	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MP34	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MFAIF	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	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	SF1	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260
80	SF2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1 1/2"	TP4,6,8	12-10d x 1 1/2"	885	N/A
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
93	CB66	(2) 3/8" 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: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS	HHD8A	SILL: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS	7,910	N/A
99	A35	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MFAI	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A
98-101	HTT4	5/8" BOLT / 18-16dx2 1/2"	N/A	N/A	3,640	N/A
97-100-102	HTT5	5/8" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS 1/4" X 3" / (2) 5/8" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/4" X 2 1/2"	N/A	N/A	5,020	N/A
110	HCF2	12-10d x 1 1/2"	HHCF2	20-10d x 1 1/2"	520	260 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	THD46	H: 8-16d / 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" X 1 1/2" TAPCON BM: 6-16d	HDO212-3	HD: 18-3/16" X 1 1/2" 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: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR 3/4 X 8 TOP FACE JOIST: 18-10d	NFM35X12U	H: 1-1/2" J-BOLT J: 5-1/2" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK: 1/2" Ø J / JST: 14-10d	1,620	N/A
226	MBHA4.75/12	HDR: (2) 3/4" Ø x 8" JOIST: 18-10d	NFM45U	HDR: MIN. 1/2" Ø "J" BOLT JOIST: (5) 1/2" Ø BOLTS	2,160	N/A
231	MBHA3.56/16	HDR: (2) 3/4" Ø x 8" JOIST: 18-10d	NFM35X16U	HDR: MIN. 1/2" Ø x J-BOLTS JOIST: (5) 1/2" Ø BOLTS	3,450	N/A
232	MBHA5.50/16	HDR: (2) 3/4" Ø x 8" JOIST: 18-10d	NFM55X16U	HDR: MIN. 1/2" Ø x J-BOLTS JOIST: (5) 1/2" Ø BOLTS	3,450	N/A
240	HI5	R: 4-10dx1 1/2" / P: 4-10dx1 1/2"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
301	MGT	(1) 3/4" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL: 3/4" BLTS / GIR: 8-10d	USC63	LTL: 3/4" BLTS / GIR: 8-16d	6,485	N/A
303	HGT-4	LTL: 3/4" BLTS / GIR: 16-10d	N/A	N/A	9,250	N/A
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					

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: MARGATE II

FLORIDA SERIES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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REVISIONS	BY
05-16-19	JF

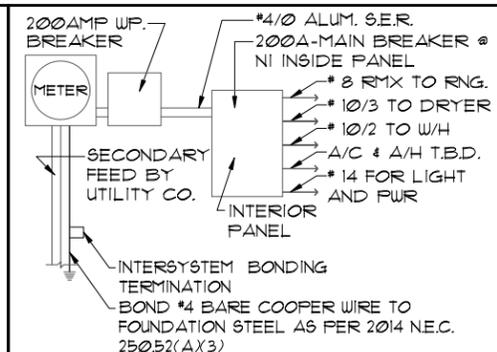
Park Square HOMES
 1966
 MARGATE II

DETAILS/ CONNECTOR SCHEDULE

DATE 04-05-2017
 SCALE AS NOTED
 DRAWN RDC
 JOB N/A
 SHEET 11 OF 20 SHEETS

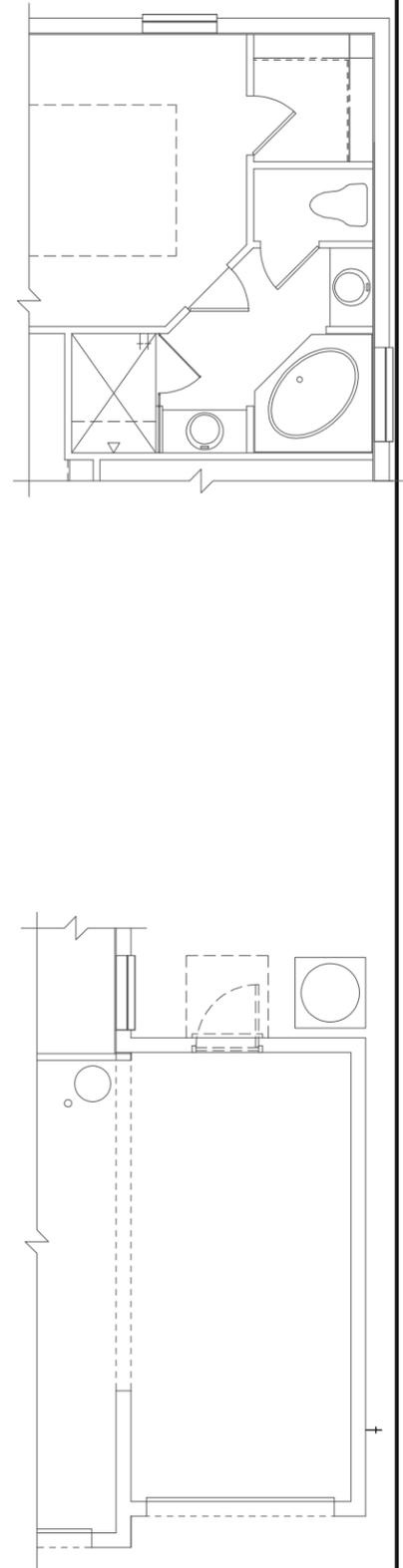
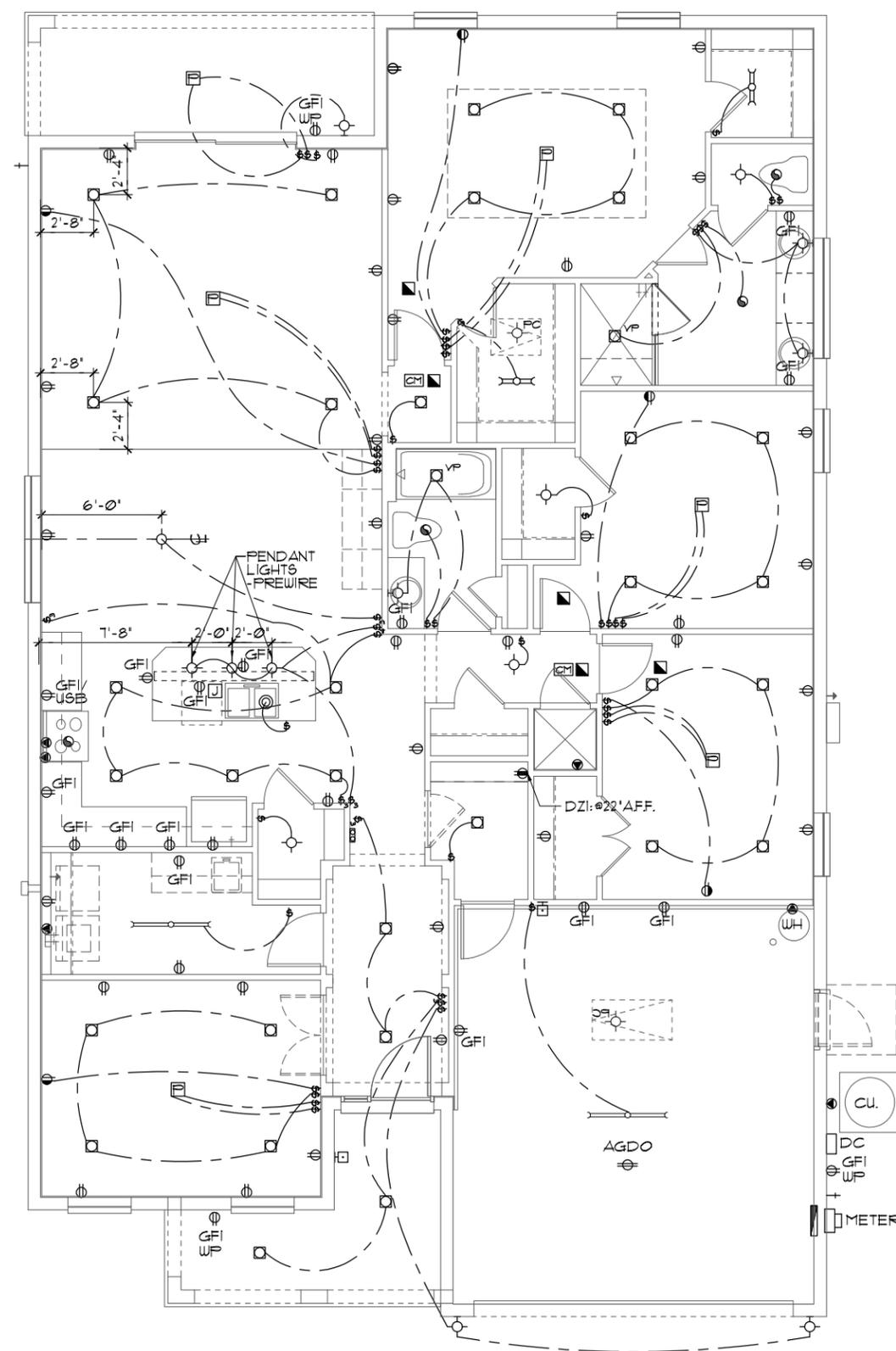
MECHANICAL/GENERAL NOTES

- PER 6TH ED. 2011 FLA BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A) CHAPTER 13 OF THE FBC-R 2011 6TH SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2011 6TH EDITION.
 - 4.) IAW NEC 2014- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DEN, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2014- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR-STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL # TO BE USED ON THIS JOB TO BE:
 - BRK: SMOKE-9120B, C/O- SC9120B
 - KIDDE: SMOKE-21007581, C/O 21006377-N
 - 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 2011, 6TH ED. P2801.1
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2011, 6TH ED.
 - 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NEC 2014
 - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2



ELECTRICAL LEGEND

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



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY NAME: MARGATE II

DATE 04-05-2011

SCALE AS NOTED

DRAWN RDC

JOB N/A

SHEET 08 OF 08 SHEETS

FLORIDA SERIES

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Park Square HOMES

ELECTRICAL PLAN OPTIONS

1966

REVISIONS

REVISIONS	BY
05-16-19	JF