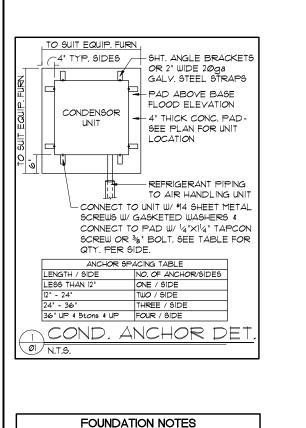
THE MARGATE II - BONUS (SIDING) FLORIDA SERIES

PAD SIZE: 40' X 65'

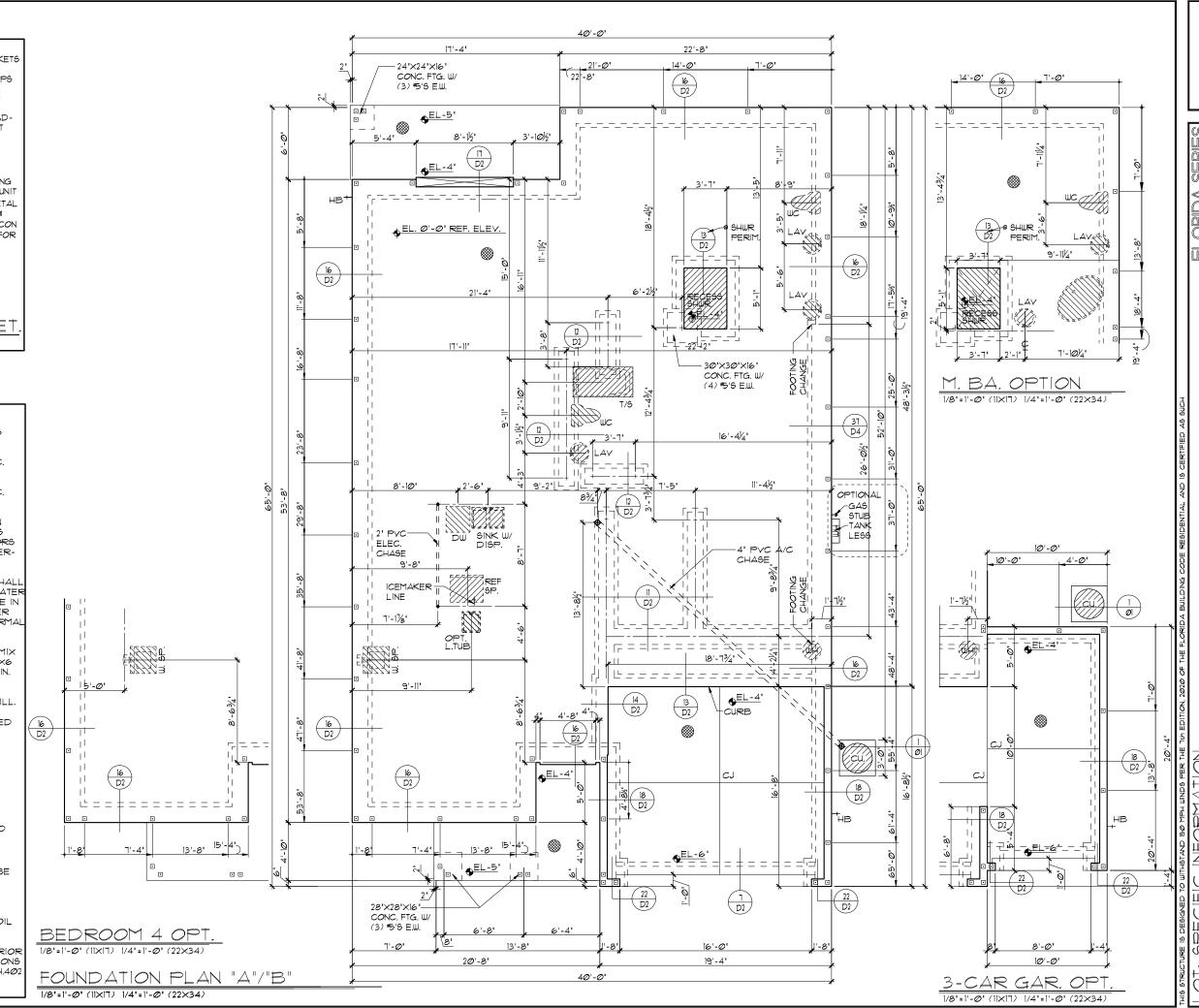
SHEET INDEX:	SHEET INDEX:
OO COVER SHEET OIAB FOUNDATION PLAN 'A' & 'B' OIC FOUNDATION PLAN 'C' O2AB FLOOR PLAN W/ DIMENSIONS 'A' & 'B' O2C FLOOR PLAN W/ DIMENSIONS 'C' O3AB FLOOR PLAN W/ NOTES 'A' & 'B' O3C FLOOR PLAN W/ NOTES 'C' O4AB UPPER FLOOR PLAN W/ DIMENSIONS 'A' & 'B' O4AB.1 UPPER FLOOR PLAN W/ DIMENSIONS 'A' & 'B' O4AB.1 UPPER FLOOR PLAN W/ DIMENSIONS 'C' O4C.1 UPPER FLOOR PLAN W/ DIM. 'C' BON. ROOM OPT. O5AB UPPER FLOOR PLAN W/ NOTES 'A' & 'B' O5AB.1 UPPER FLOOR PLAN W/ NOTES 'A' & 'B' BON. ROOM OPT. O5C UPPER FLOOR PLAN W/ NOTES 'C' O5C.1 UPPER FLOOR PLAN W/ NOTES 'C' BON. ROOM OPT. O6A EXTER ELEVATION 'A'- FRONT & REAR O6B EXTER. ELEVATION 'B'- FRONT & REAR O6C EXTER. ELEVATION 'C'- FRONT & REAR O7A EXTER. ELEVATION 'C'- LEFT & RIGHT O7C EXTER. ELEVATION 'C'- LEFT & RIGHT	12A UPPER TRUSS LAYOUT 'A' 12A.1 UPPER TRUSS LAYOUT 'A' BONUS ROOM OPT. 12B UPPER TRUSS LAYOUT 'B' 12B.1 UPPER TRUSS LAYOUT 'B' BONUS ROOM OPT. 12C UPPER TRUSS LAYOUT 'C' 12C.1 UPPER TRUSS LAYOUT 'C' BONUS ROOM OPT. 13AB PRE-CAST LINTEL LAYOUT- 'A' & 'B' 13C PRE-CAST LINTEL LAYOUT- 'C' 14 TYPICAL DETAILS 15 TYPICAL DETAILS 16 TYPICAL DETAILS 17 TYPICAL DETAILS 10 TYPICAL STRUCTURAL DETAILS 10 TYPICAL STRUCTURAL DETAILS 11 TYPICAL STRUCTURAL DETAILS 12 TYPICAL STRUCTURAL DETAILS 13 TYPICAL STRUCTURAL DETAILS 14 TYPICAL STRUCTURAL DETAILS 15 TYPICAL STRUCTURAL DETAILS 16 TYPICAL STRUCTURAL DETAILS 17 TYPICAL STRUCTURAL DETAILS 18 TYPICAL STRUCTURAL DETAILS 19 TYPICAL STRUCTURAL DETAILS 20 TYPICAL STRUCTURAL DETAILS, 2 STORY 20 TYPICAL STRUCTURAL DETAILS, 2 STORY 21 TYPICAL STRUCTURAL DETAILS, 2 STORY 21 TYPICAL STRUCTURAL DETAILS, 2 STORY
11C TRUSS LAYOUT "C"	* ADD .3 FOR 3-CAR GARAGE OPTION

NO.	DATE	DESCRIPTION	Τ
NO.	DATE	1	Ŧ
Λ	Ø3/I2/I8	UPDATE 2017 CODE - ELEV A & B	M
/2	06/20/18	-CREATED STAIRS SECTION & INT, ELEV. FOR	N
	20/20/10	BOOK SHELF	
/3	Ø8/15/18	-ADDED 2ND BONUS ROOM OPT AS ONE LARGE	JI
		SPACE.	
		-CHANGED CLOSET DOOR IN BR2 TO 2/4	
			1
A	10/04/18	-DELETED A/C UNIT BY B. BA.	١,
	10/04/10	-RELOCATED LINEN CLOSET DOOR TO B. BA	N
		-REVISED THE AREA WHERE THE A/C UNIT USED	
		TO BE TO MATCH THE OPEN BONUS OPTION	
		-REDUCED 5 1/2" WALL BETWEEN BR. 2 AND	
		GARAGE TO 3 1/2"	
<u>\$</u>	11/06/18	-REPLACE BONUS LINEN BIFOLD W/ PRE-HUNG	
	11/20/10	DR.	M
6	11/28/18	-DELETE MASTER BR. NICHE & CHANGE ALL	
70		INTERIOR ARCHES TO FLAT SOFFITS	M
Al	Ø2/15/19	-ADDED 2019 PLAN FEST CHANGES	
			M
8	<i>0</i> 5-16-19	-ADDED NEW A, B, C SIDING ELEVATIONS	
	69-16-13		JF
P	<i>0</i> 5-16-19	-MODIFIED ELEVATIONS FOR CORRECT BONUS	1
۷		ROOM CONFIGURATION	J,
12	Ø1-Ø8-21	UPDATE TO CODE 2020	1
<u> </u>	VI-VO-21		

9961 H WATE 04-05-2011



- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- 2. DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5+ REBAR. GRADE 60
- DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5¢ REBAR. GRADE 60
- 4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- WATER HEATER T & PRELIEF 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 THERMA EXPANSION DEVICE.
- DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. I' COVER. TERMITE TREATED SOIL WITH .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- SIANDARD FOOTING RNATE FOOTING
- 9. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- 10. 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 FLORDA BUILDING CODE.



04-22-19

BONUS

MARGATE

DATE **04-05-20**17

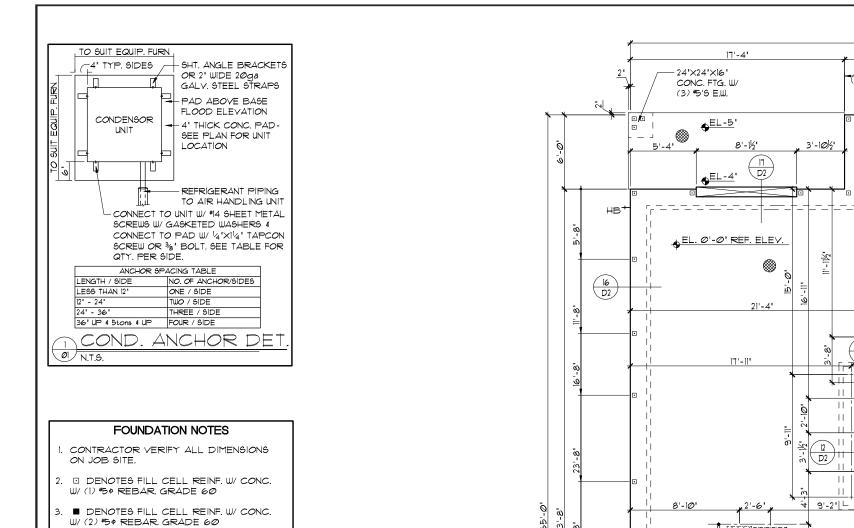
SCALE AS NOTED

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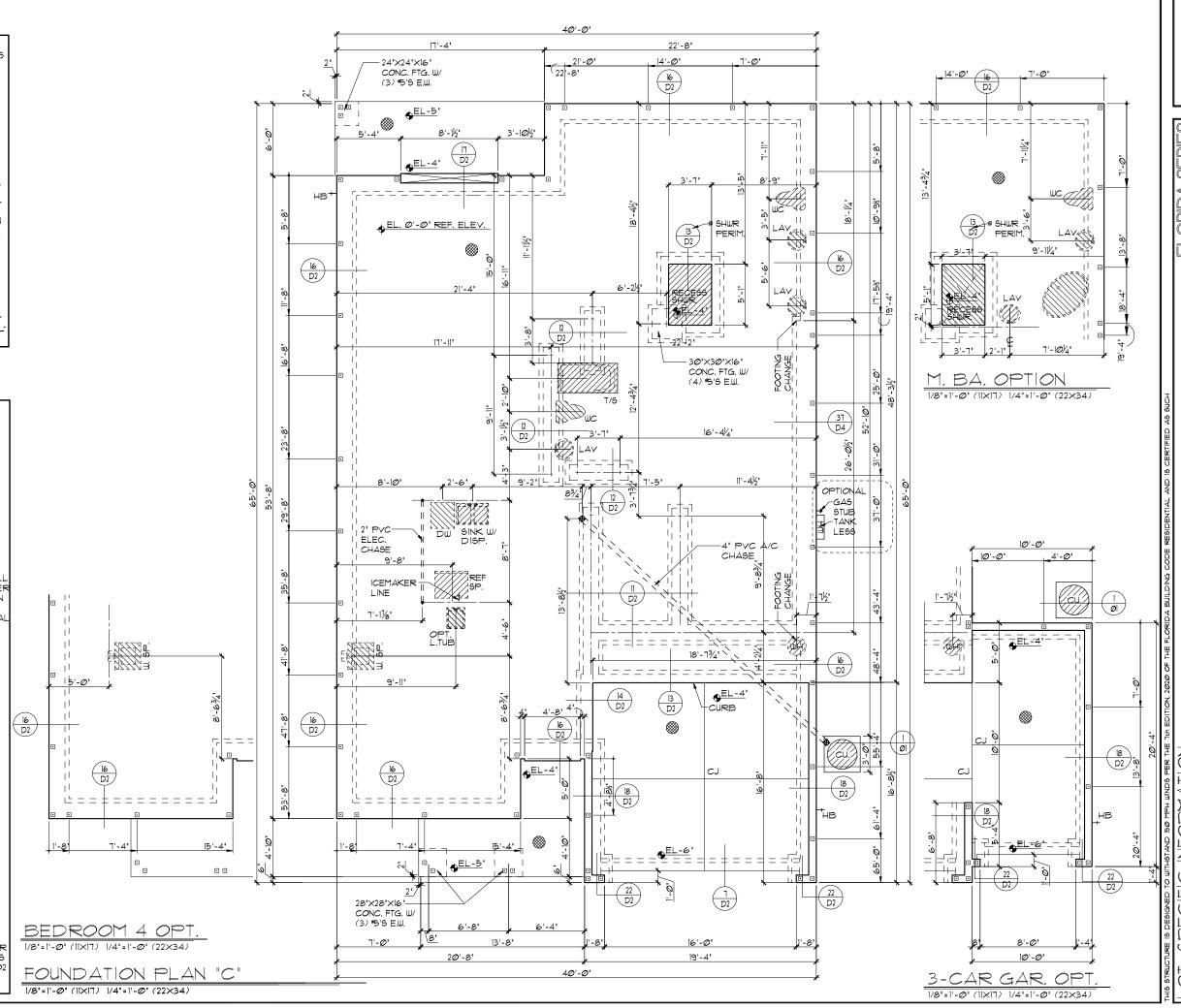
OF ØØ SHEETS

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04-22-19

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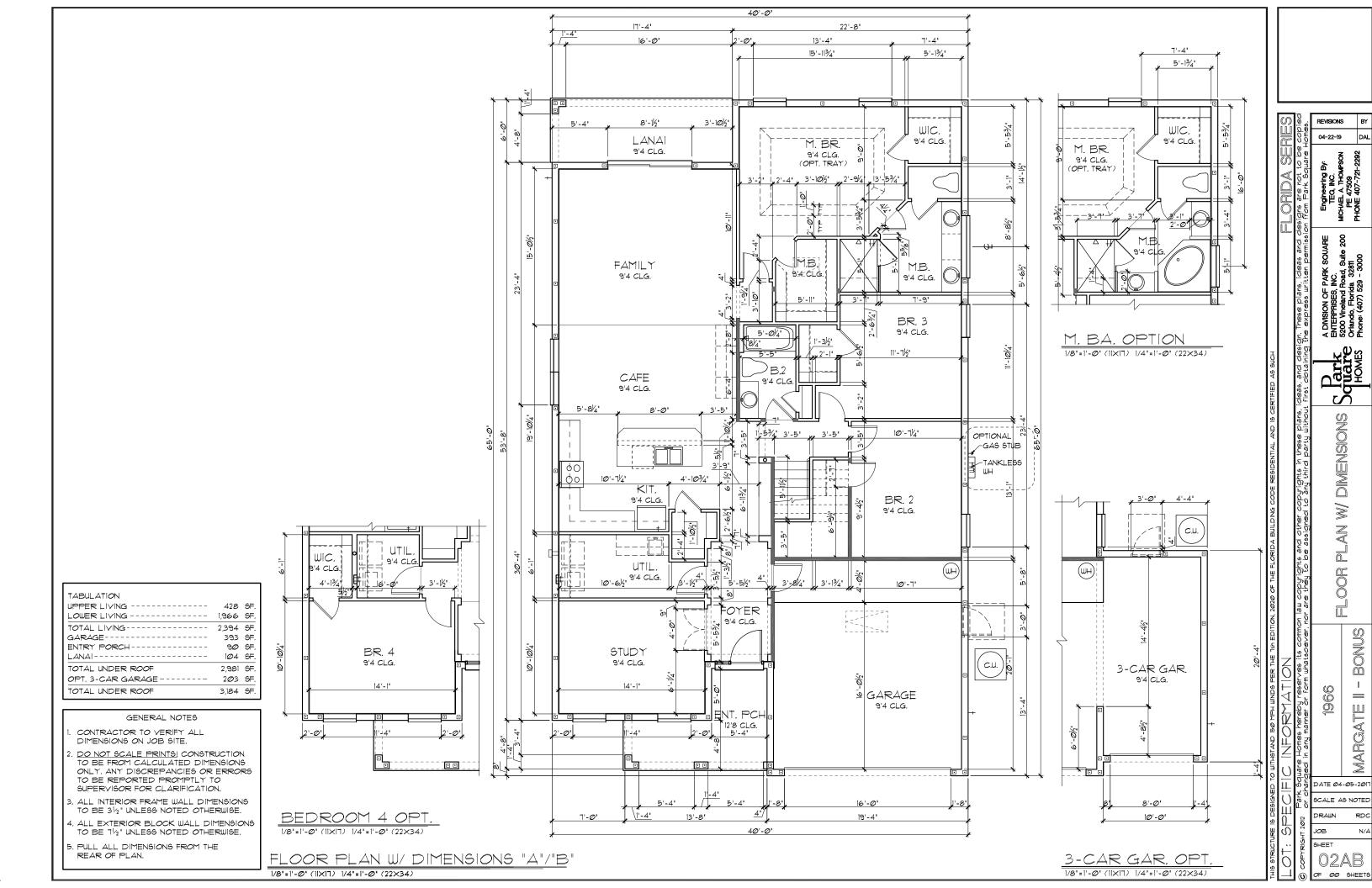
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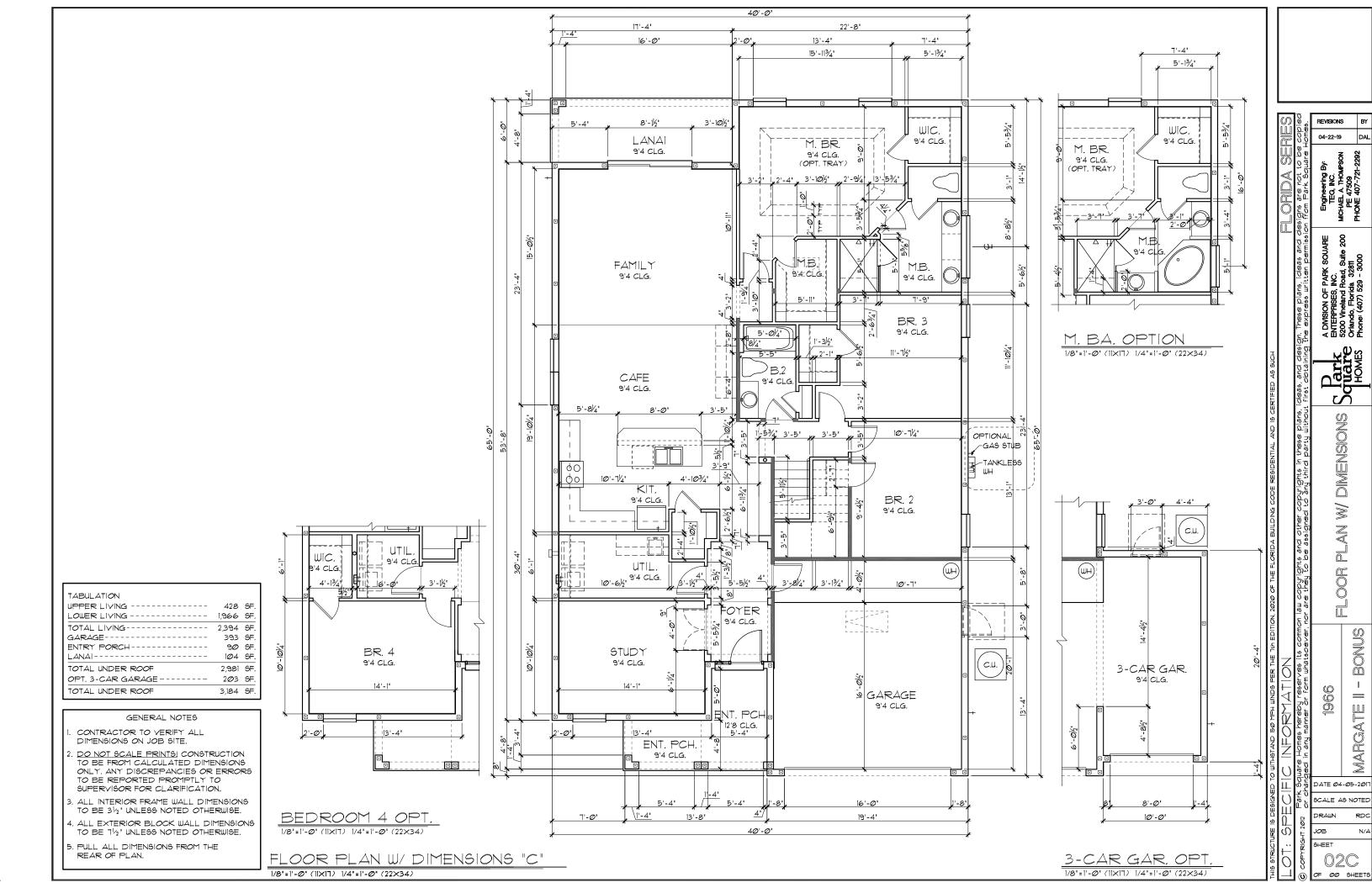
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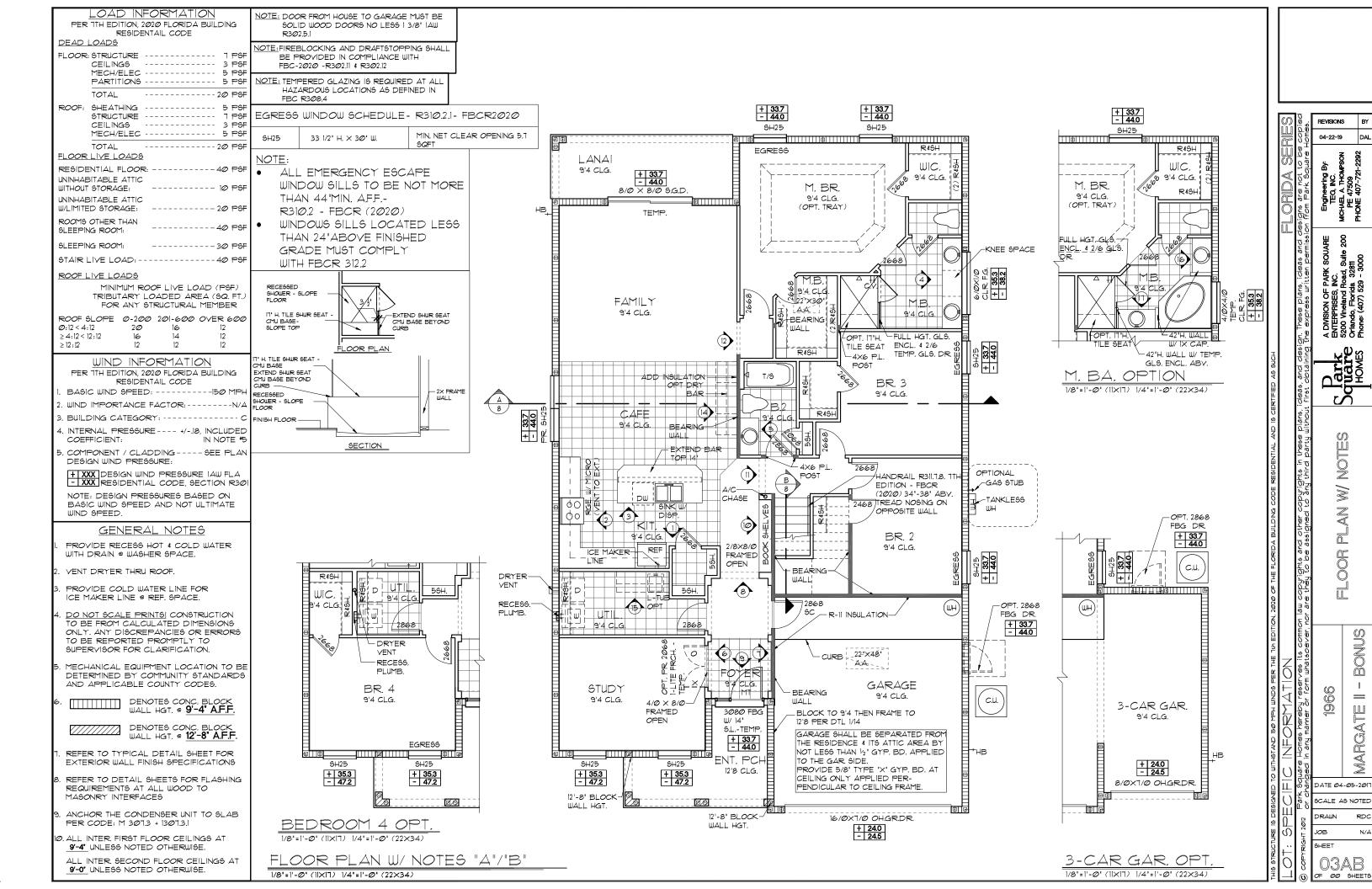
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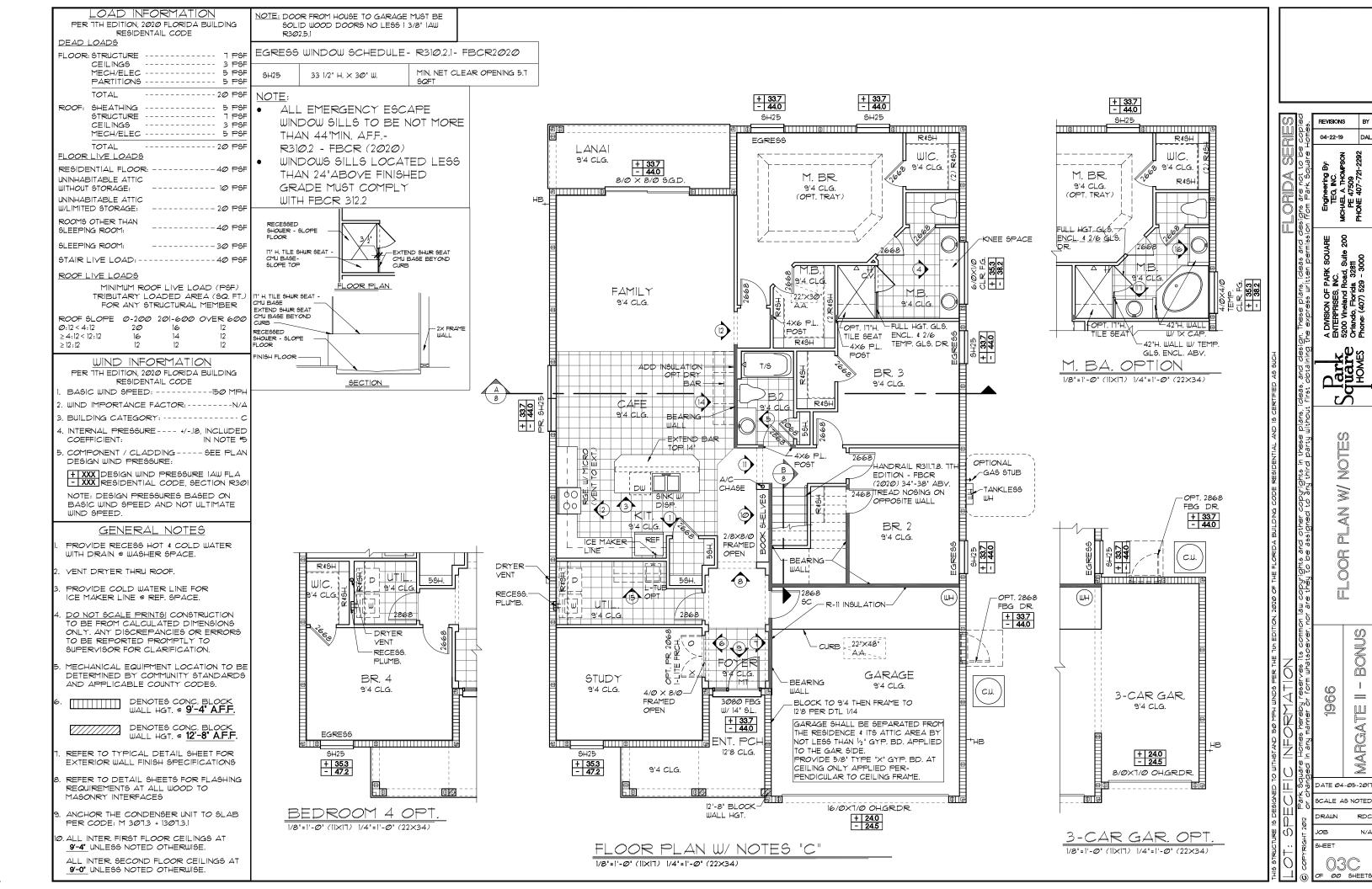
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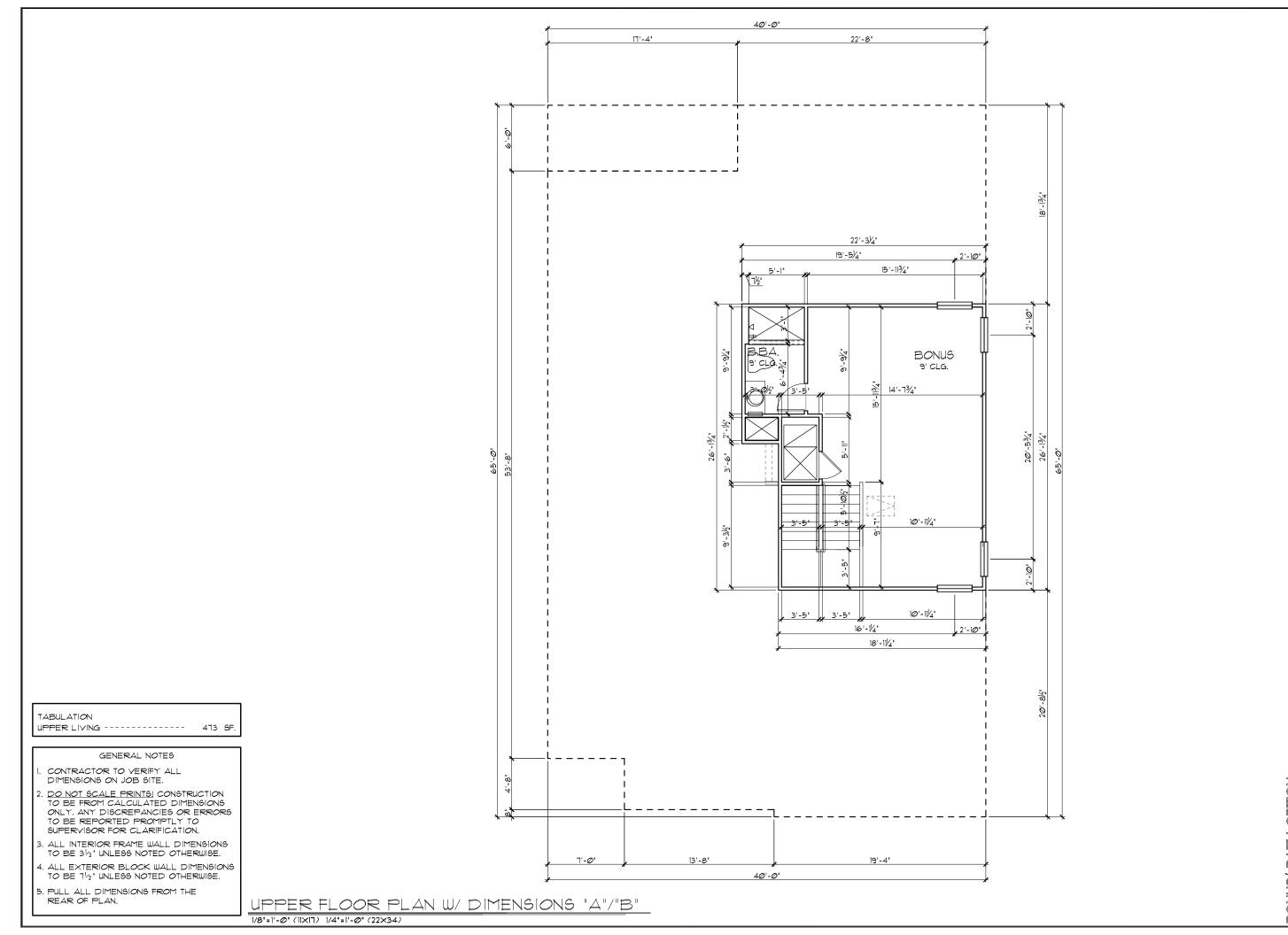
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BATH

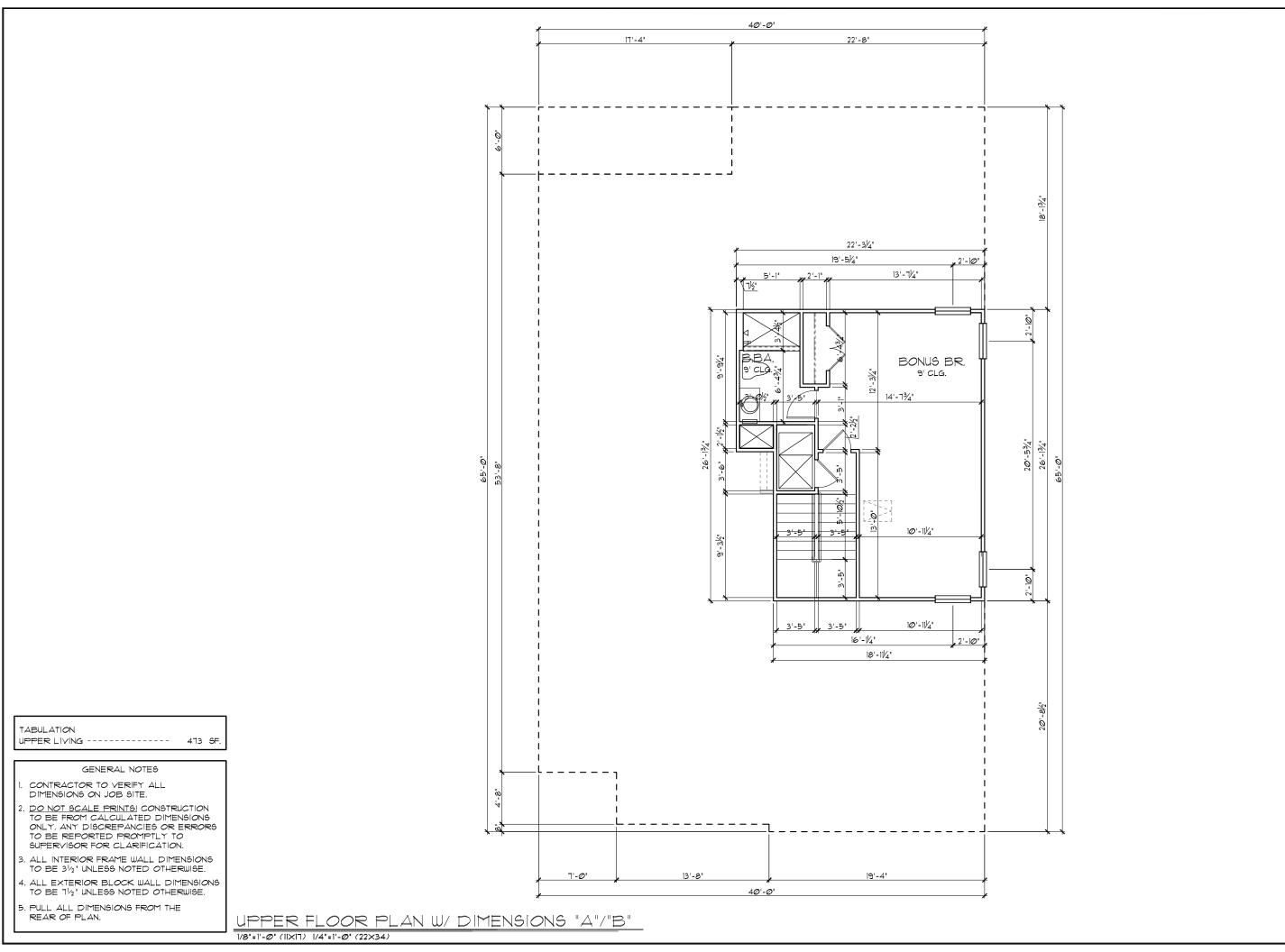
MARGATE II -DATE **04-05-20**17

SCALE AS NOTED

DIMENSIONS

OOR PLAN W/ DIMENS BONUS ROOM OPT.

BONUS



DIMENSIONS OOR PLAN W/ DIMENS BONUS ROOM OPT. MARGATE II - BONUS

ROOM/ BATH OPTION

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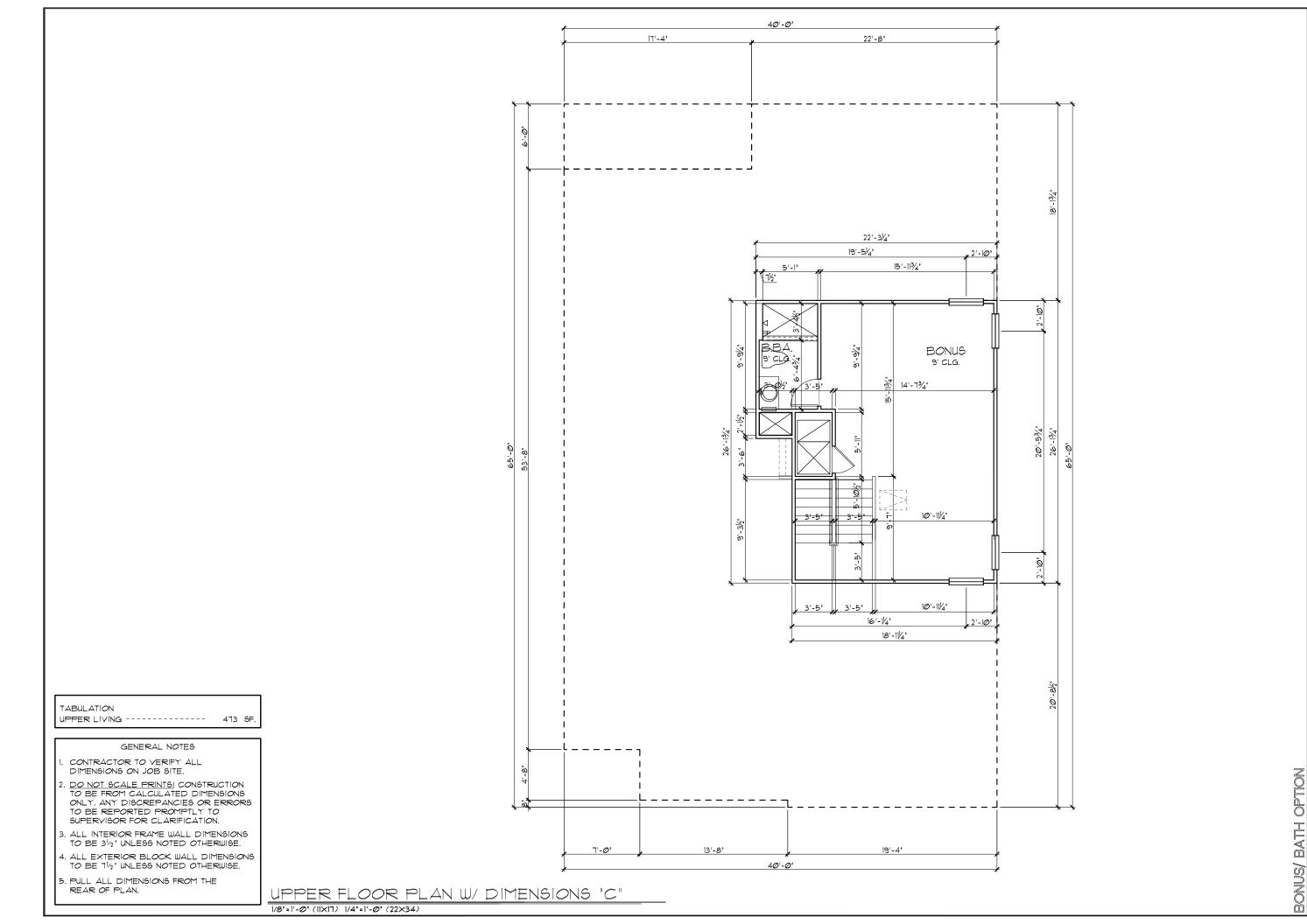
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DRAWN RDC

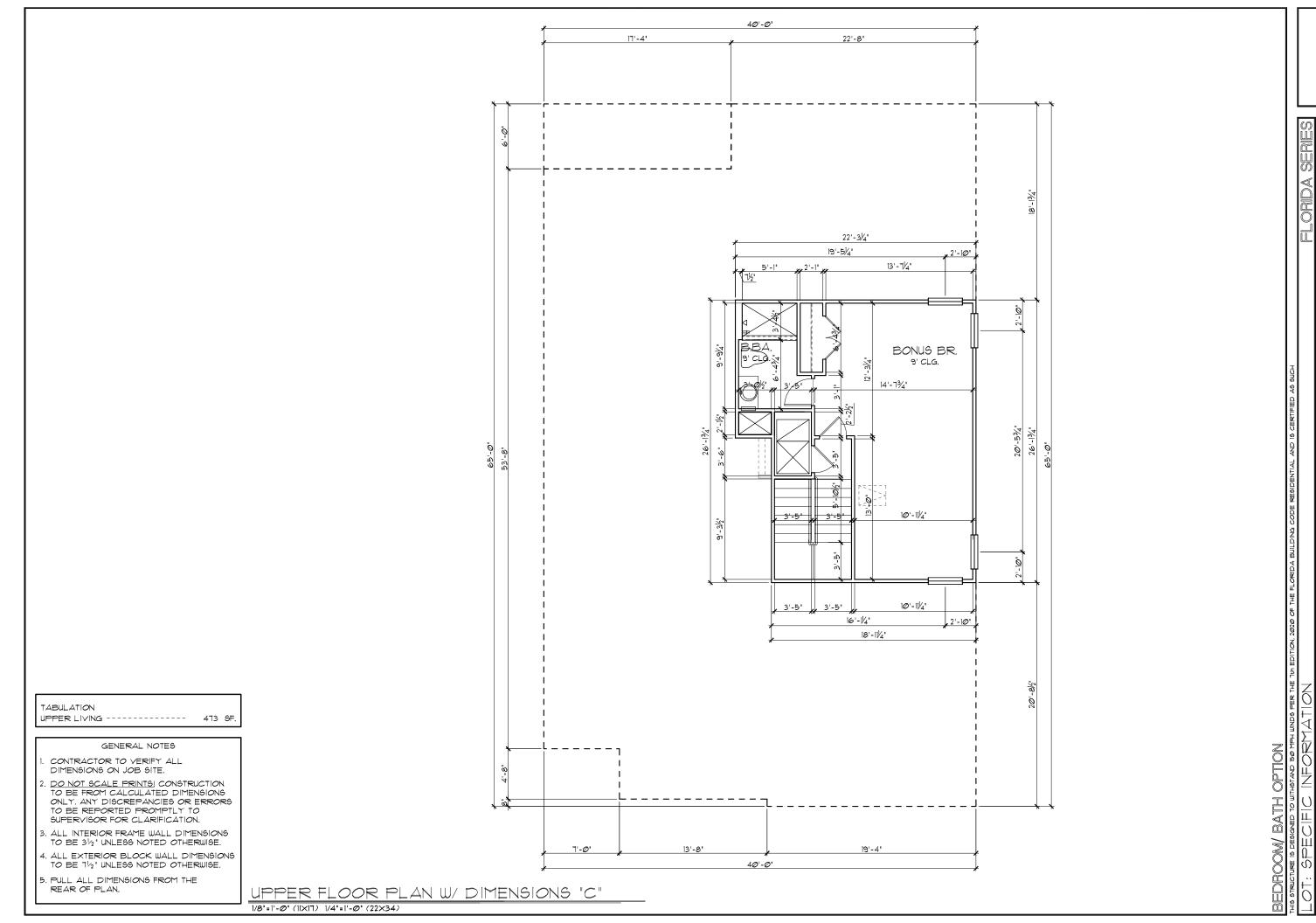
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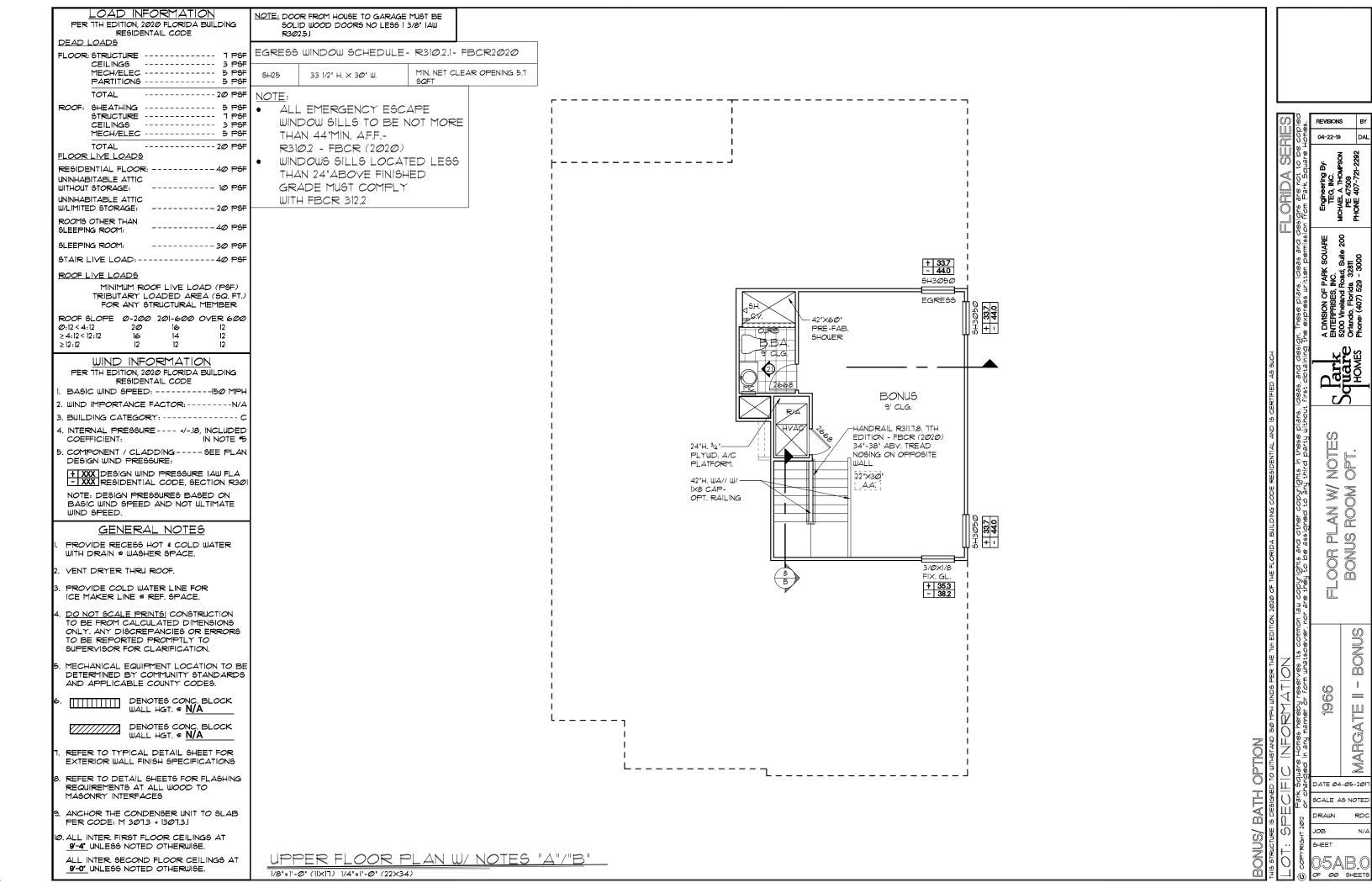
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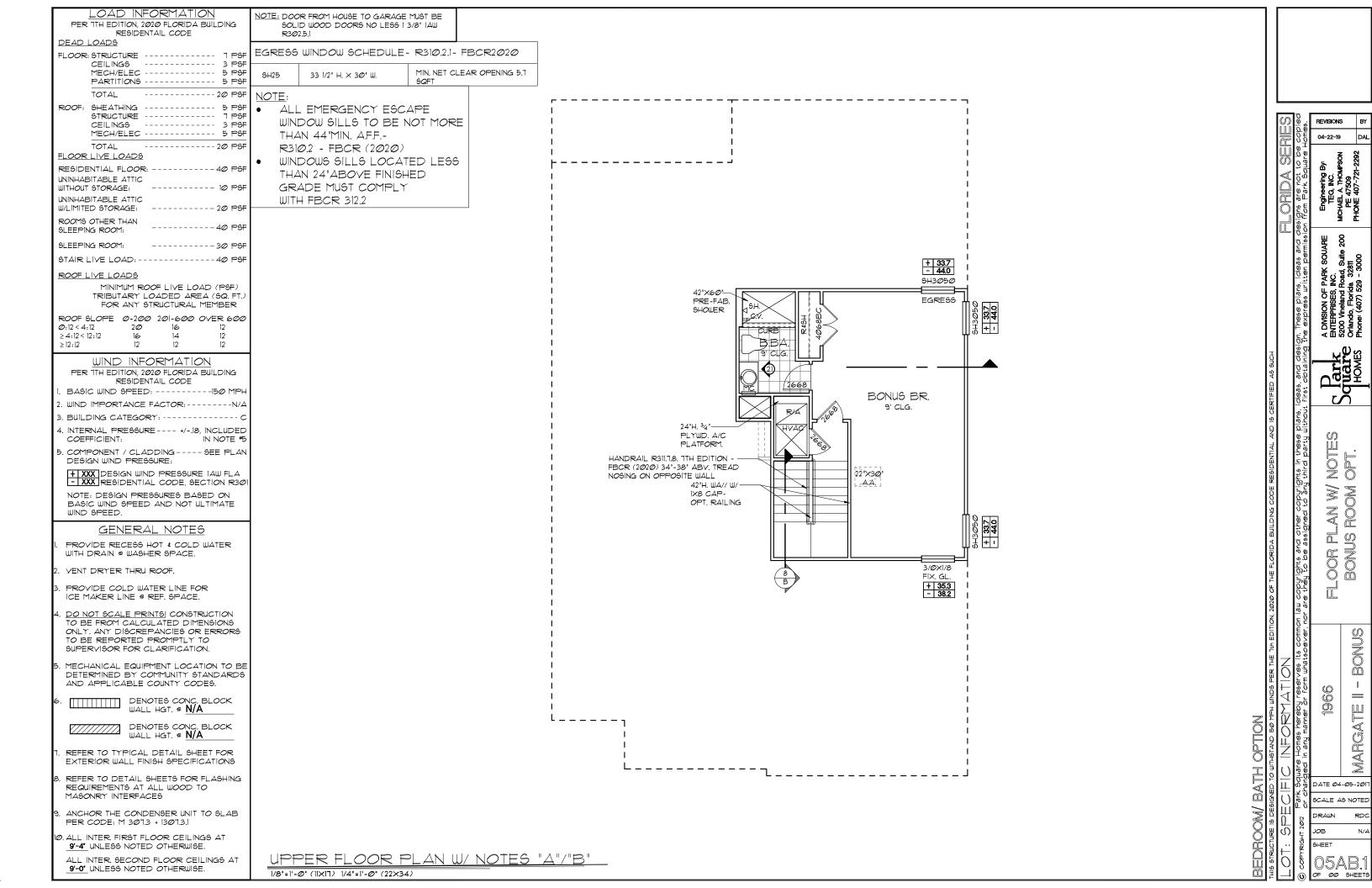


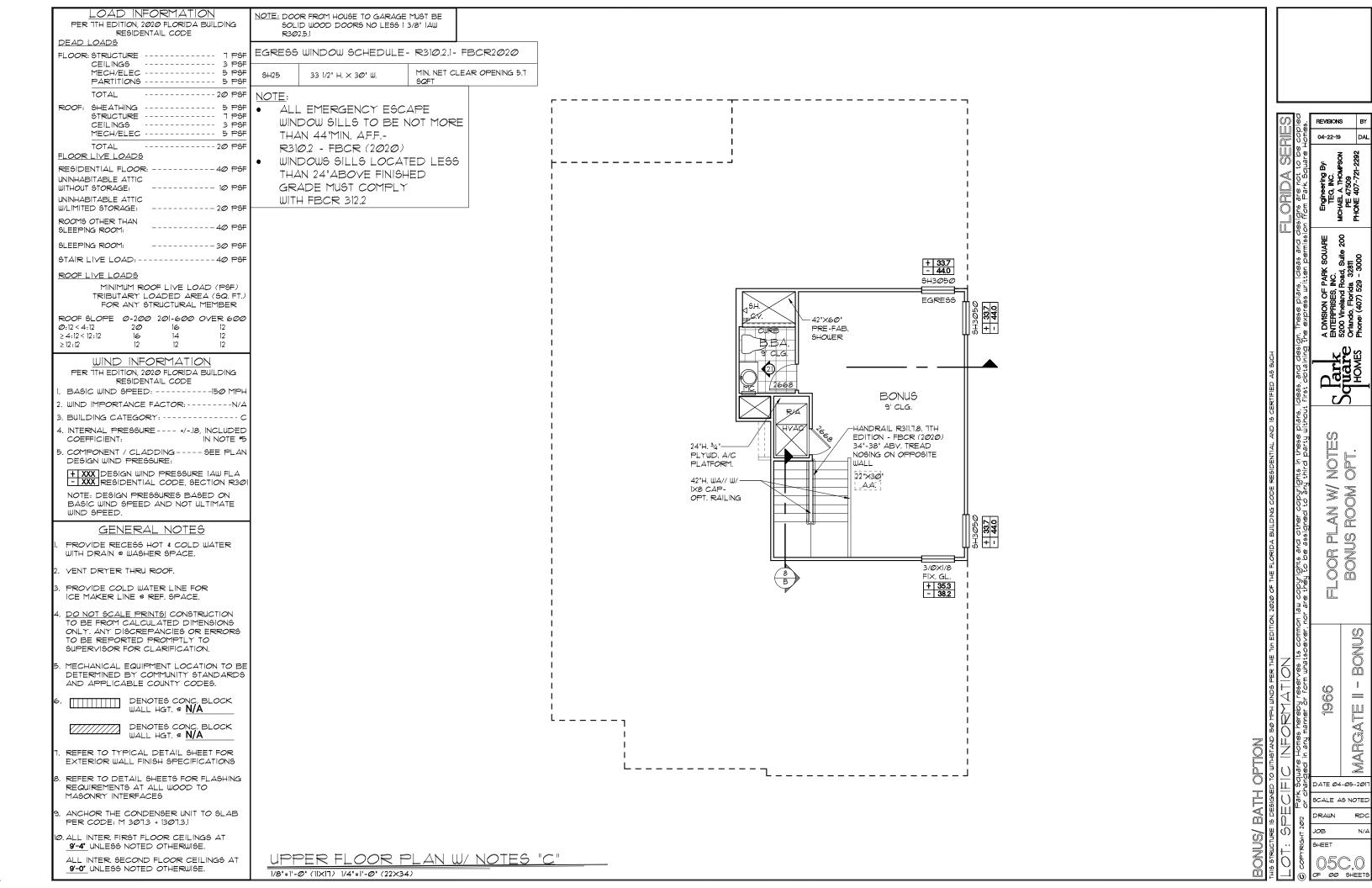
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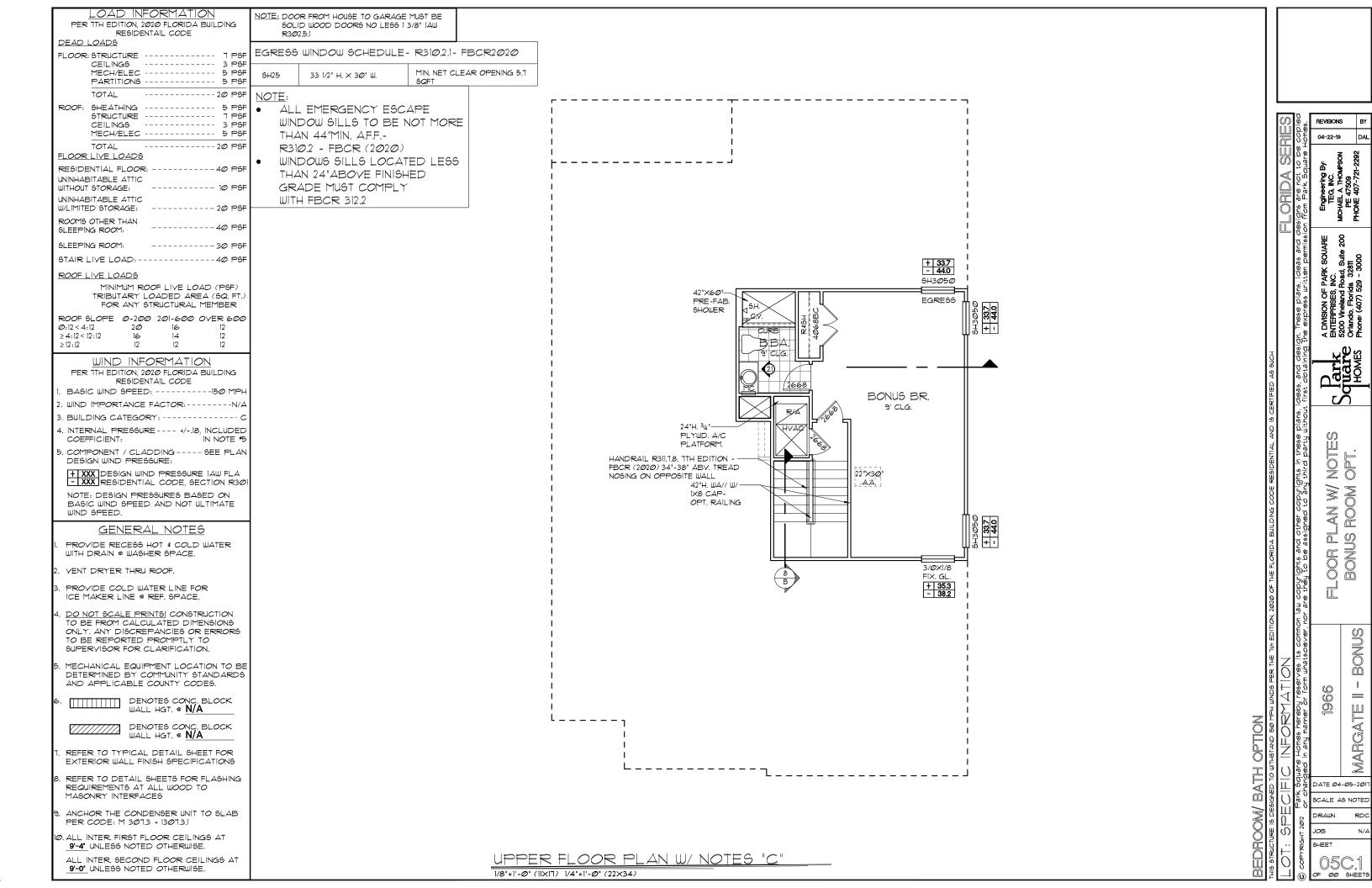
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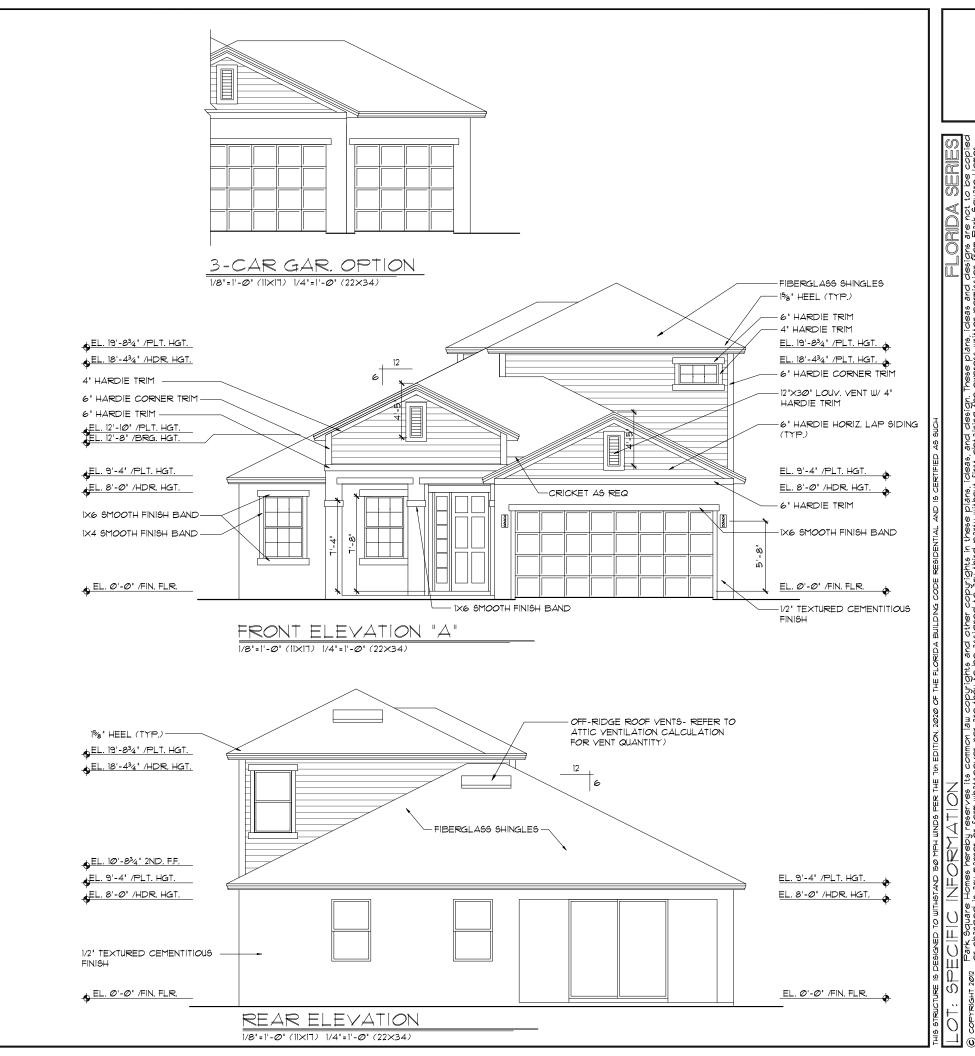




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Underlayment for roof slopes 2:12 and greater shall conform to the applicable standards listed in this chapter. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated. Underlayment for roof slopes 2:12 and greater shall be applied and attached in accordance with Section R905.1.1.1, R905.1.1.2 or R905.1.1.3, as



04-22-19

Engineering By TEG, INC. MICHAEL A. THOMP. PE 47509 PHONE 407-721-2

A DWISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 3281 Phone: (407) 529 - 3000

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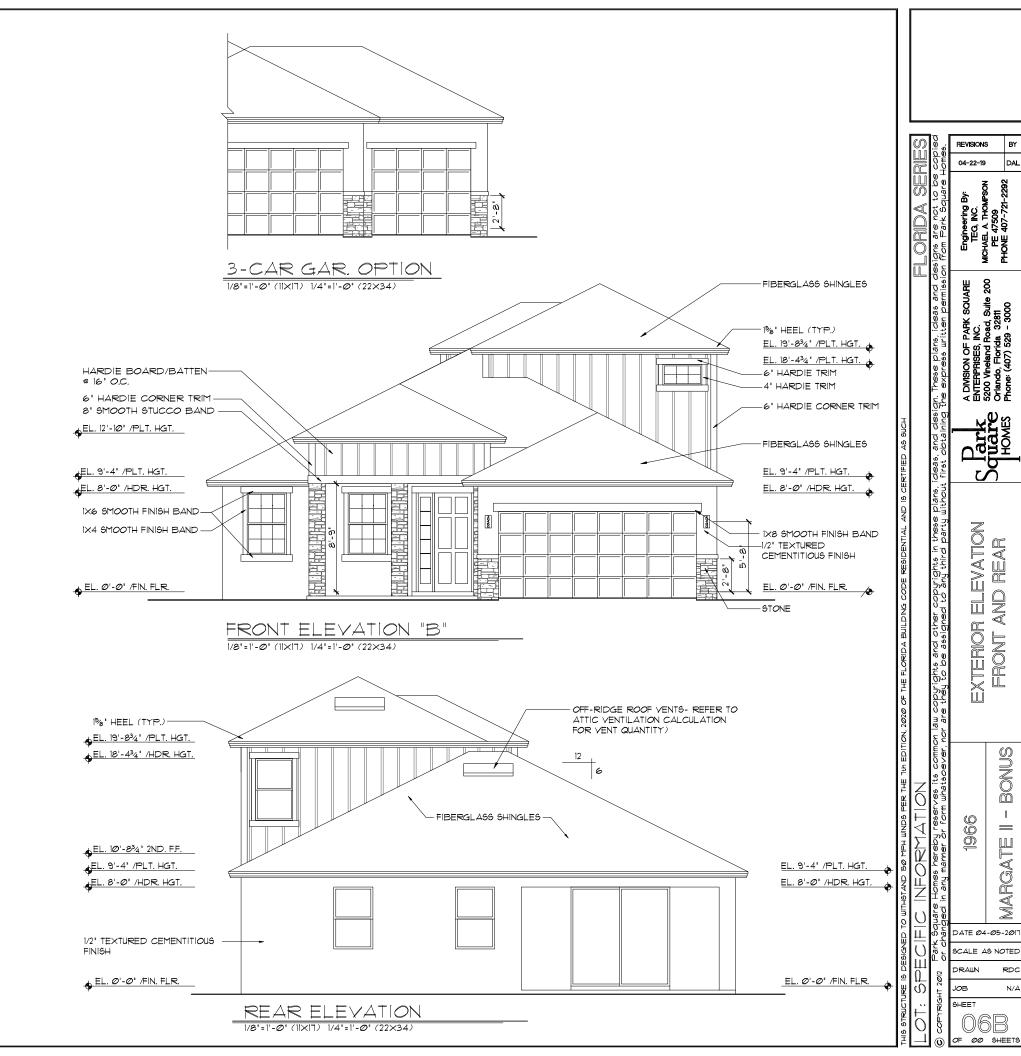
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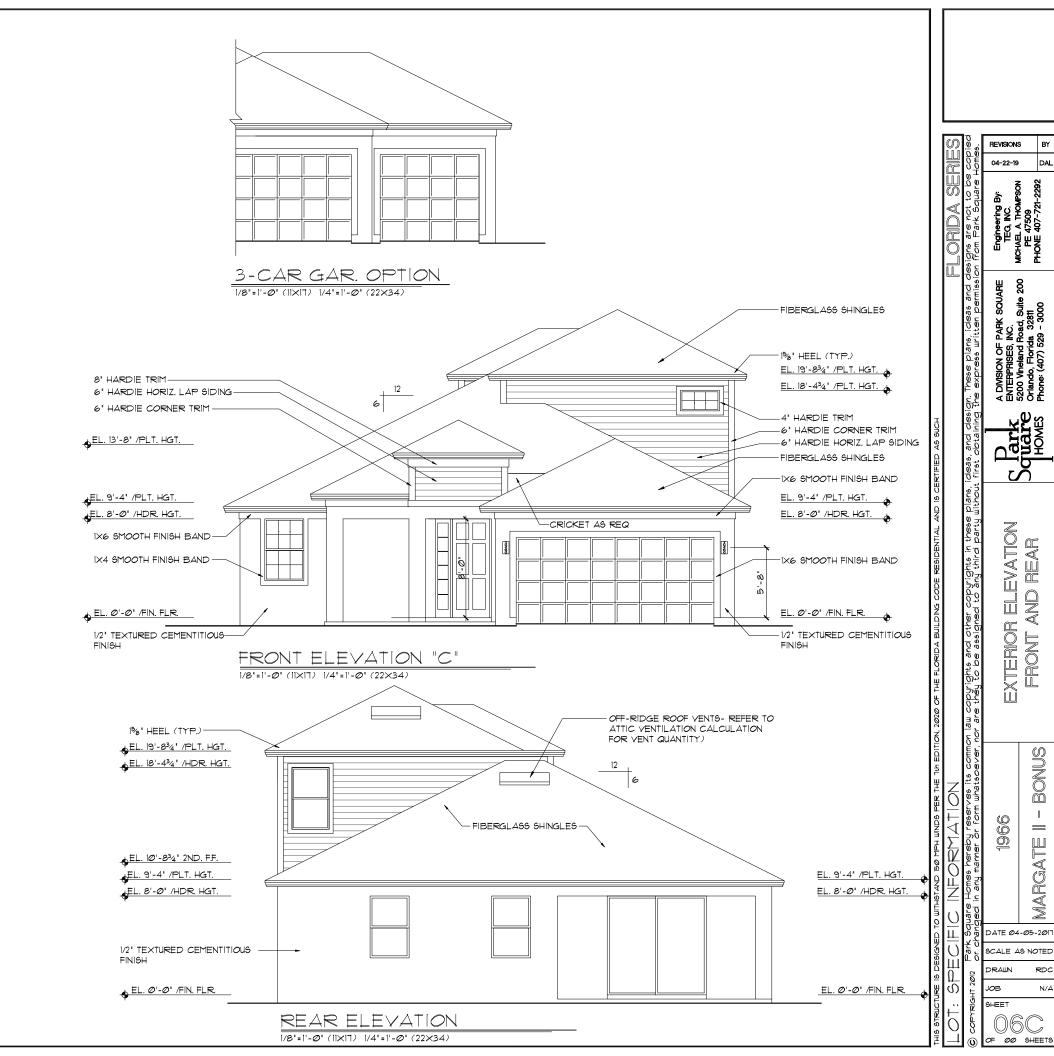
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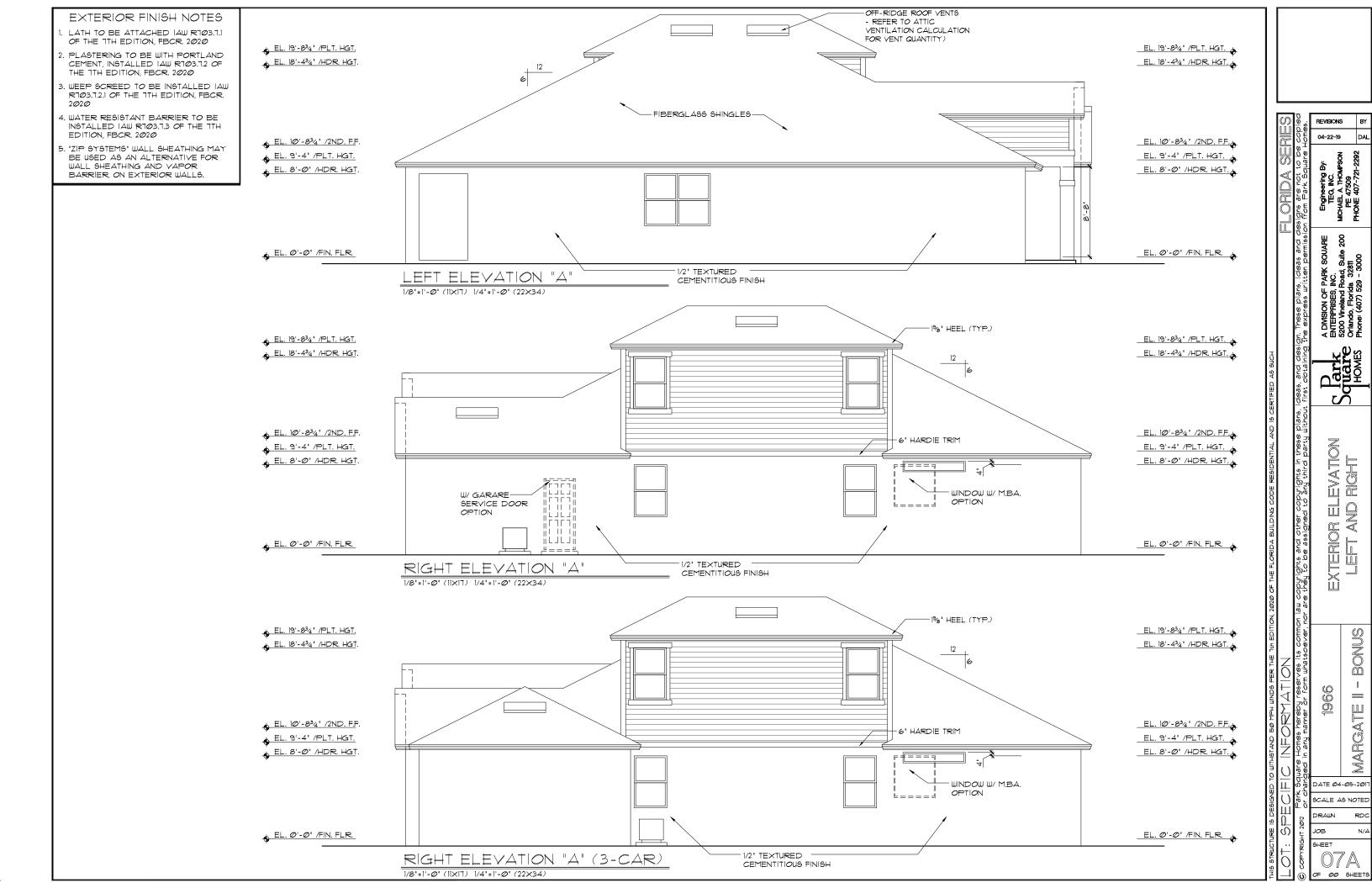
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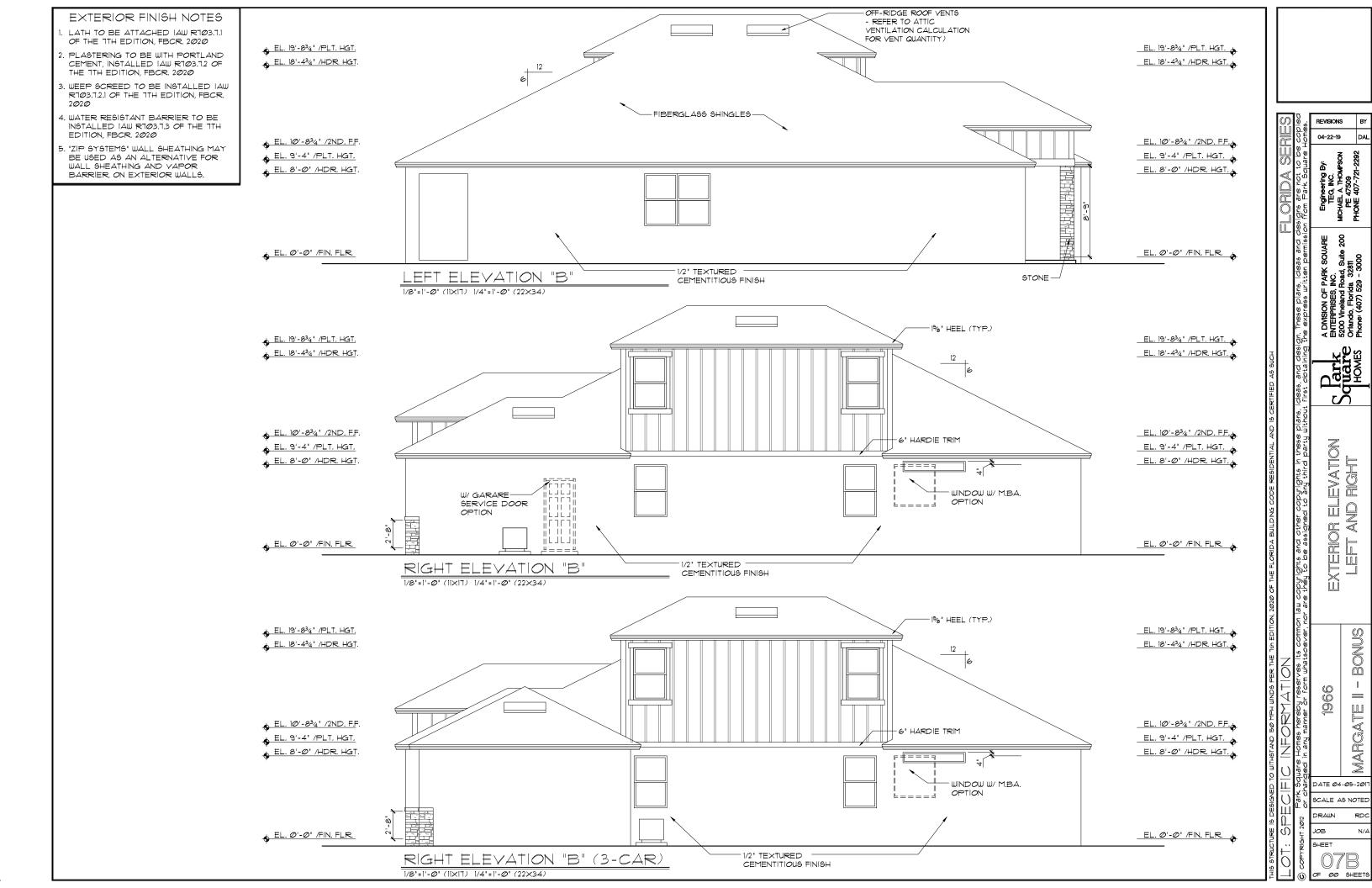


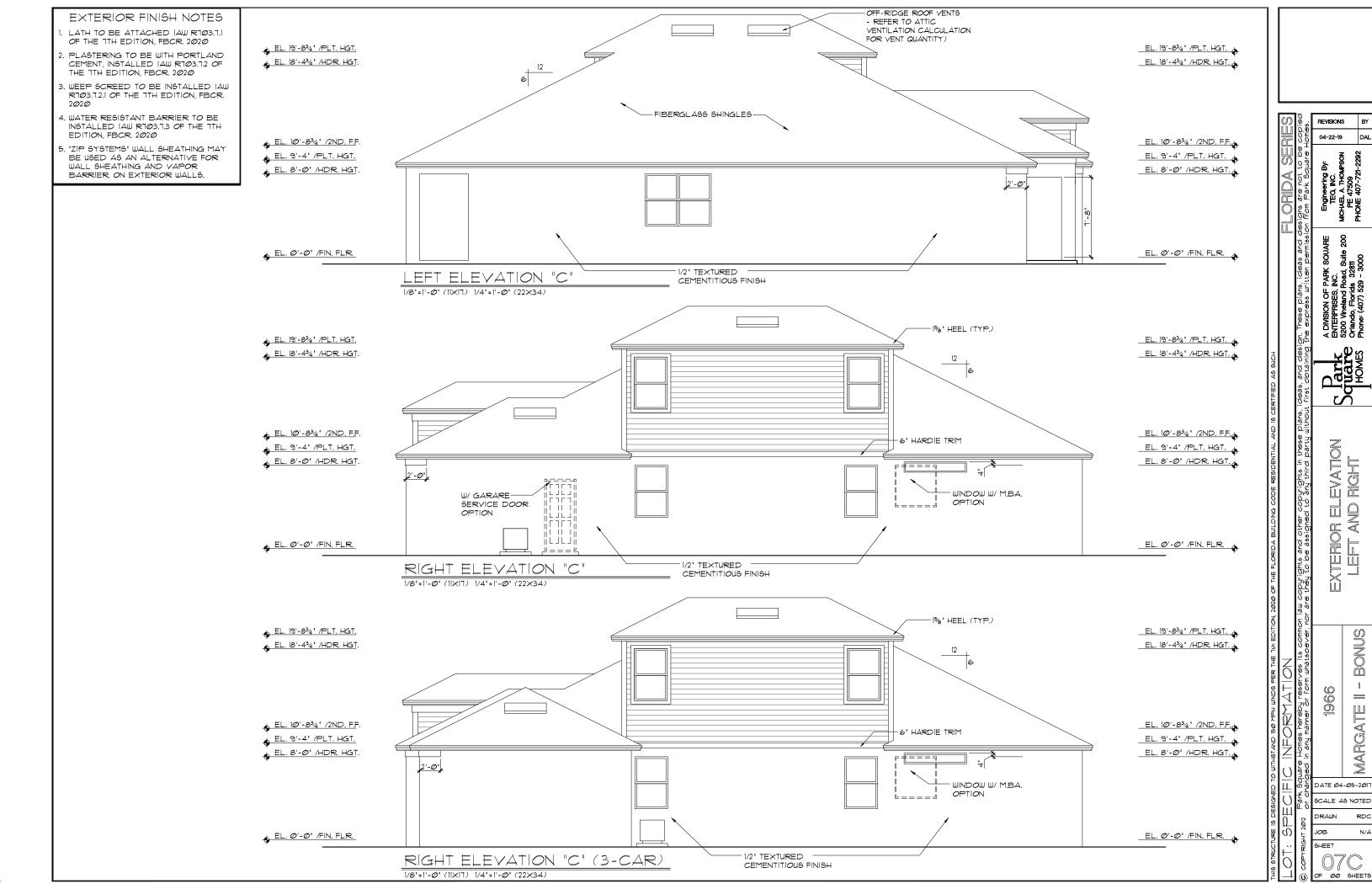
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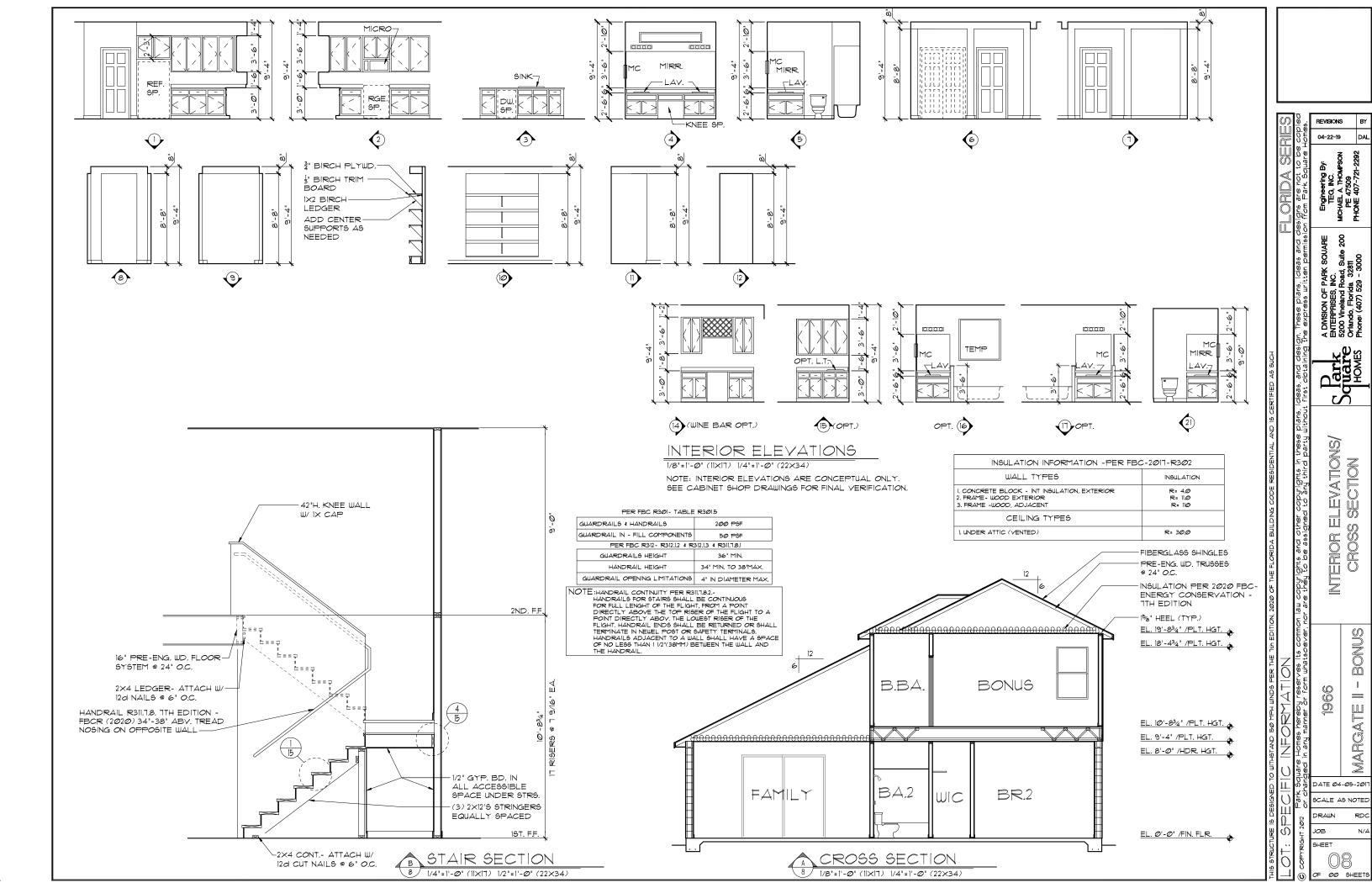
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MARGATE









MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL

) 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 ACESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.

A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGO2 OF THE FBCR CODE 2020 1TH 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 AND LAUNDRY ROOM

1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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 4 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 IS' ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT, IAW FBCR 2020, 1TH ED. P28Ø1.1

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 2020,

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)

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

ELECTRICAL

\$ SINGLE POLE SWITCH

OUT. 110-115, SPLIT WIRED

 → OUT. IIØ-115, CLG. MOUNT.

⊕ Out. 11Ø-115, FLR. MOUNT.

OH LIGHT FIXT, WALL MTD.

LIGHT FIXT., RECESSED

F LIGHT FIXT, REG. ADJUST.

LIGHT FIXT, EXT, FLOODS

LIGHT FIXT., EMERG. EXIT

IGHT FIXT., EXIT/BACKUF

PCL. PURPOSE 220-240

\$ THREE WAY SWITCH

OUTLET 110-115

€ OUT. 11Ø-115. W/ USB

LEGEND

OUTLET, TV/CABLE

■ SMOKE DETECTOR

CARBON MONOXIDE

-S- EX. FAN/LIGHT COMBO

CEILING FAN, PREWIRE

[.] ELECT. JUNCTION BOX THERMOSTAT

DO DISCONNECT SWITCH

CEILING FAN, INSTALL

ELEC. POWER METER

ELECTRICAL PANEL

■ OUTLET, PHONE

☐ INTERCOM

☐ PUSH BUTTON

S EXHAUST FAN

(O) DISPOSAL

CHIMES

#4/0 ALUM. S.E.R. BREAKER #4/0 ALUM. S.E.R. 200A-MAIN BREAKER NI INSIDE PANEL #8 RMX TO RNO #10/3 TO DRYEI #10/2 TO W/H	. . . N
SECONDARY FEED BY UTILITY CO. INTERIOR PANEL	
INTERSYSTEM BONDING TERMINATION BOND *4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2014 N.E.C. 250.52(AX3)	
ELECTRICAL RISER DIAGRAM	

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

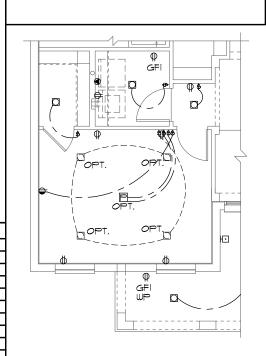
25052(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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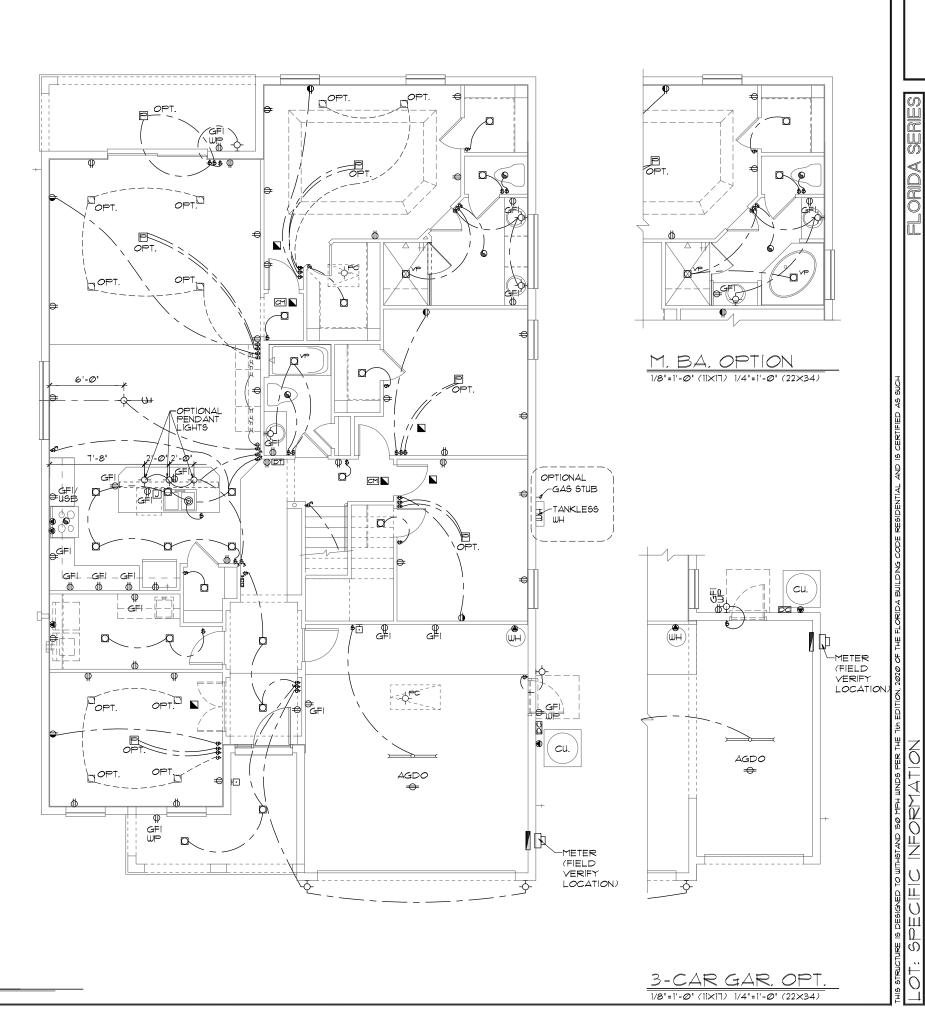
he steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive

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 irisdictions, 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 sinforcing rod is not required.



BEDROOM 4 OPT. 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

ECTRICAL PLAN 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)



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MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL

) 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 ACESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.

A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGO2 OF THE FBCR CODE 2020 1TH 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) IAIU NEC 2020 - 406 12 ALL 15A AND 20A 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT. 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM

1.) 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 IS' ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT, IAW FBCR 2020, 1TH ED. P28Ø1.1

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 2020,

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)

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

ELECTRICAL

\$ SINGLE POLE SWITCH

OUT. 110-115, SPLIT WIRED

◆ OUT. 11Ø-115, CLG. MOUNT.

OH LIGHT FIXT, WALL MTD.

LIGHT FIXT., RECESSED

E LIGHT FIXT, REC. ADJUST.

LIGHT FIXT., EXT. FLOODS

LIGHT FIXT., EMERG, EXIT

IGHT FIXT. EXIT/BACKUF

SPCL. PURPOSE 220-240

\$ THREE WAY SWITCH

OUTLET 110-115

€ OUT. 11Ø-115. W/ USB

LEGEND

■ SMOKE DETECTOR

CM CARBON MONOXIDE

-S- EX. FAN/LIGHT COMBO

CEILING FAN, PREWIRE

F CEILING FAN, INSTALL

J ELECT. JUNCTION BOX

DO DISCONNECT SWITCH

ELEC. POWER METER

ELECTRICAL PANEL

OUTLET, TV/CABLE

■ OUTLET, PHONE

☐ INTERCOM

THE PUSH BUTTON

S EXHAUST FAN

(i) DISPOSAL

DT THERMOSTAT

CHIMES

*4/0 ALUM. S.E.R. BREAKER *4/0 ALUM. S.E.R. 200A-MAIN BREAKER ® NI INSIDE PANEL * 8 RMX TO RNG. * 10/3 TO DRYER * 10/2 TO W/H A/C & A/H T.B.D. * 14 FOR LIGHT UTILITY CO. INTERIOR PANEL
INTERSYSTEM BONDING TERMINATION BOND *4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2014 N.E.C. 250.52(AX3)
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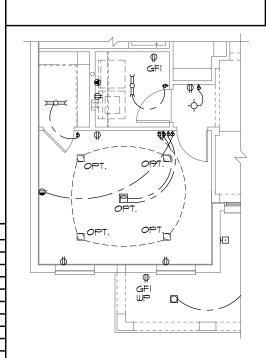
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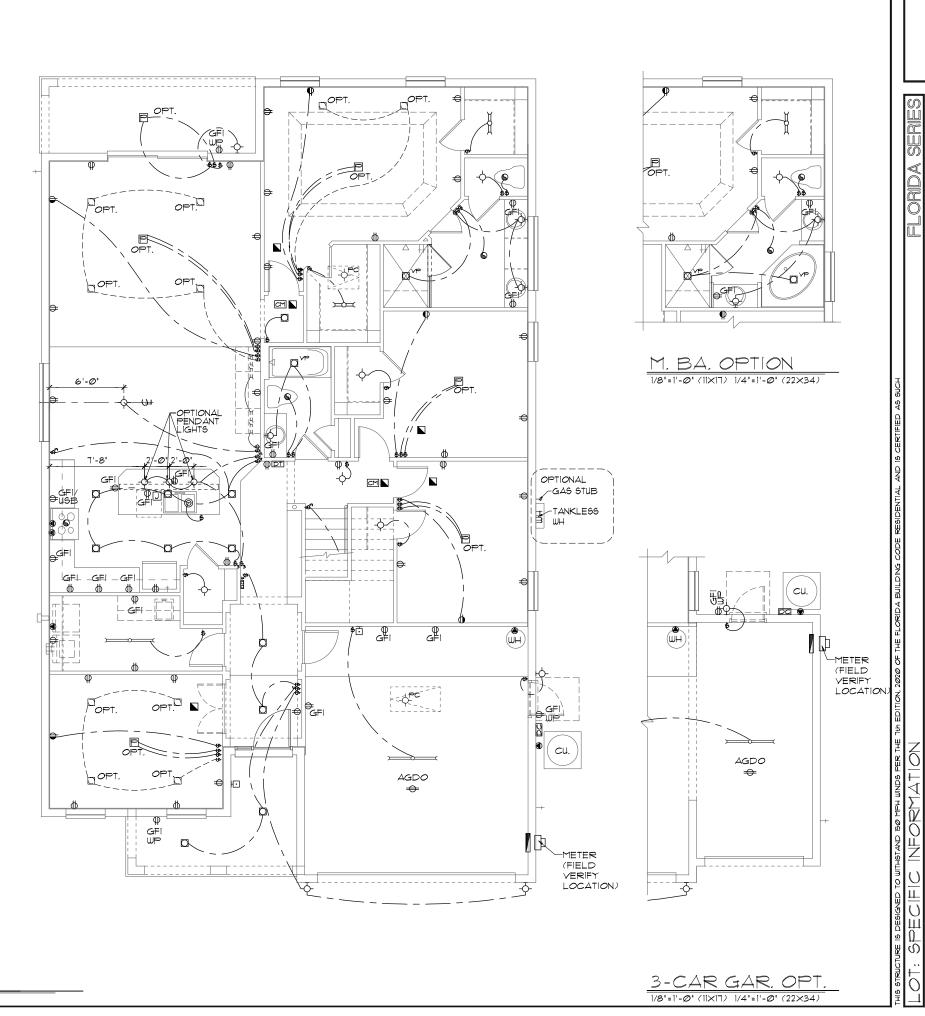
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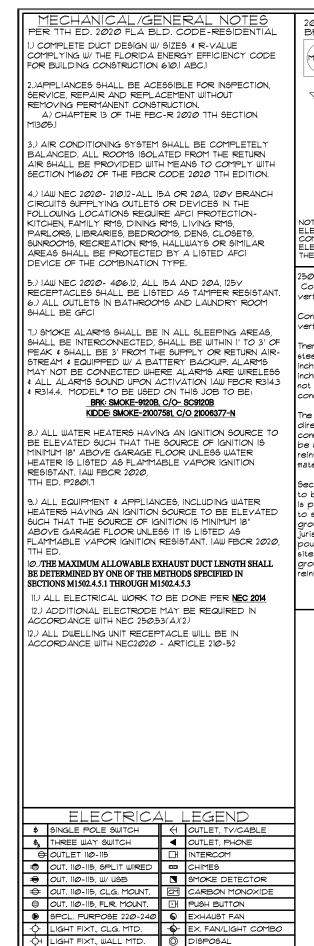


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MARGATE DATE **04-0**5-2**0**17



LIGHT FIXT, RECESSED

E LIGHT FIXT,, REC. ADJUST.

OC LIGHT FIXT.FLUORESCENT

LIGHT FIXT, EXT, FLOODS

LIGHT FIXT., EMERG, EXIT

_IGHT FIXT., EXIT/BACKUF

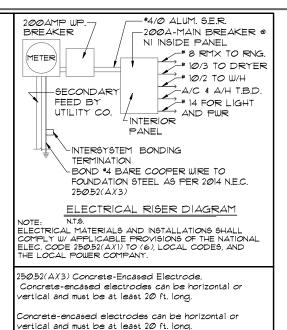
ELECTRICAL PANEL

DT THERMOSTAT

P CEILING FAN PREWIRE F CEILING FAN, INSTALL J ELECT. JUNCTION BOX

DO DISCONNECT SWITCH

ELEC. POWER METER

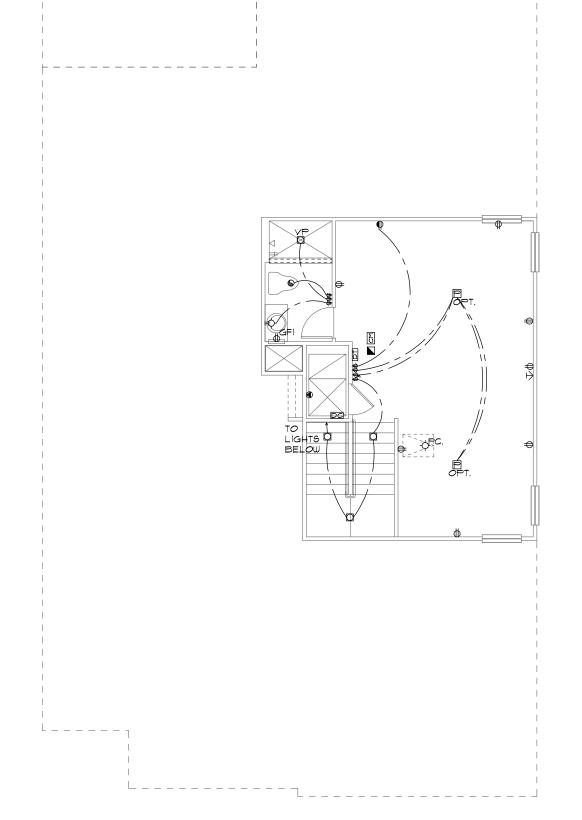


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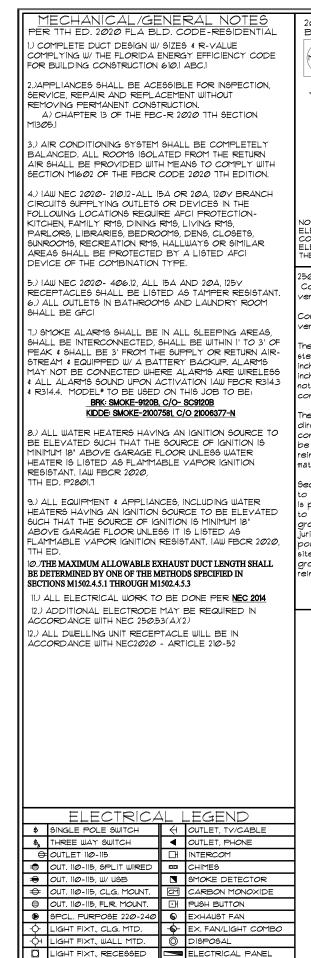
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GALE AS NOTED

OF ØØ SHEETS

JOB SHEET



E LIGHT FIXT,, REC. ADJUST.

OC LIGHT FIXT.FLUORESCENT

LIGHT FIXT, EXT, FLOODS

LIGHT FIXT., EMERG, EXIT

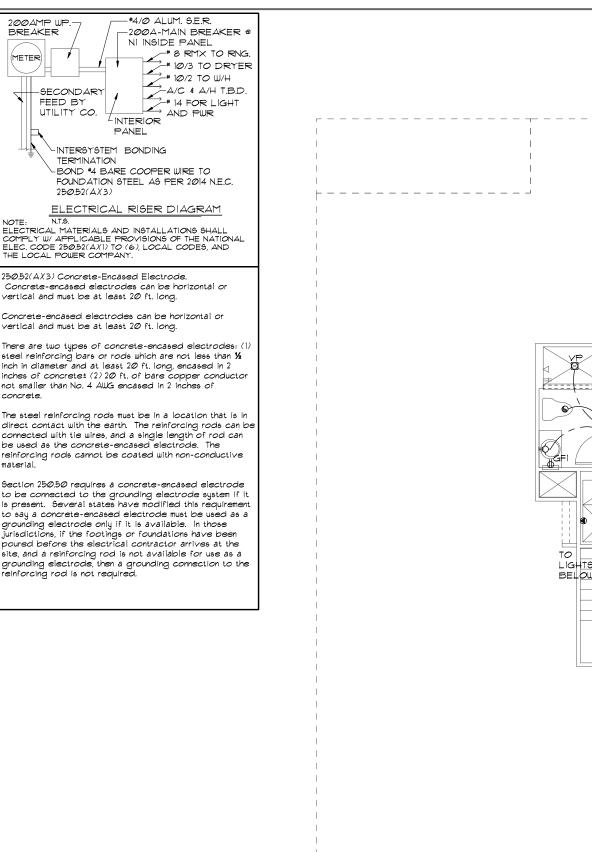
_IGHT FIXT., EXIT/BACKUF

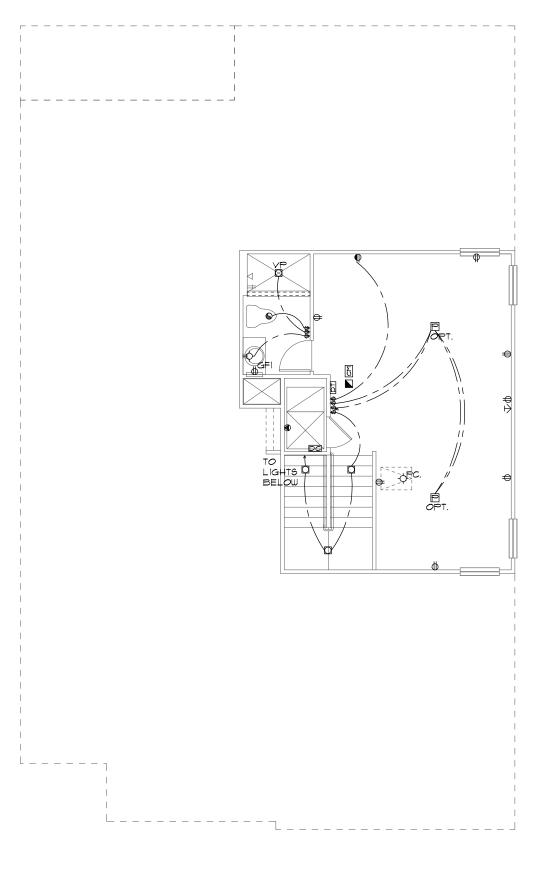
P CEILING FAN PREWIRE F CEILING FAN, INSTALL J ELECT. JUNCTION BOX

DO DISCONNECT SWITCH

ELEC. POWER METER

DT THERMOSTAT





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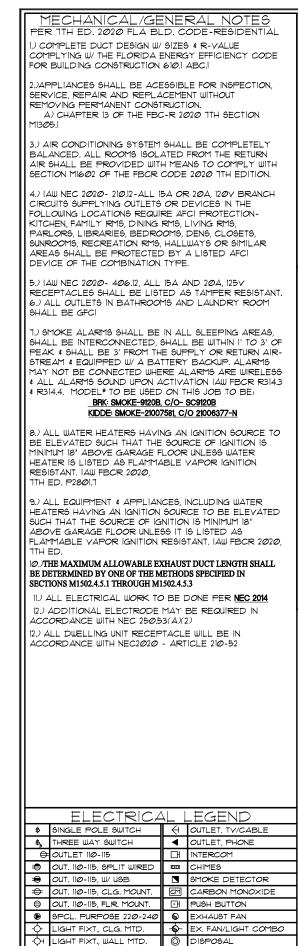
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LIGHT FIXT, RECESSED

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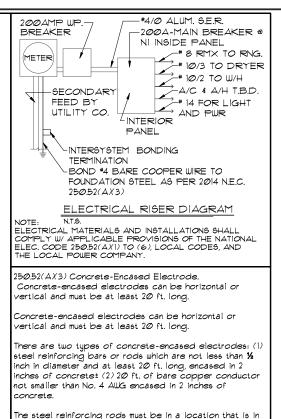
ELECTRICAL PANEL

DT THERMOSTAT

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DO DISCONNECT SWITCH

ELEC. POWER METER

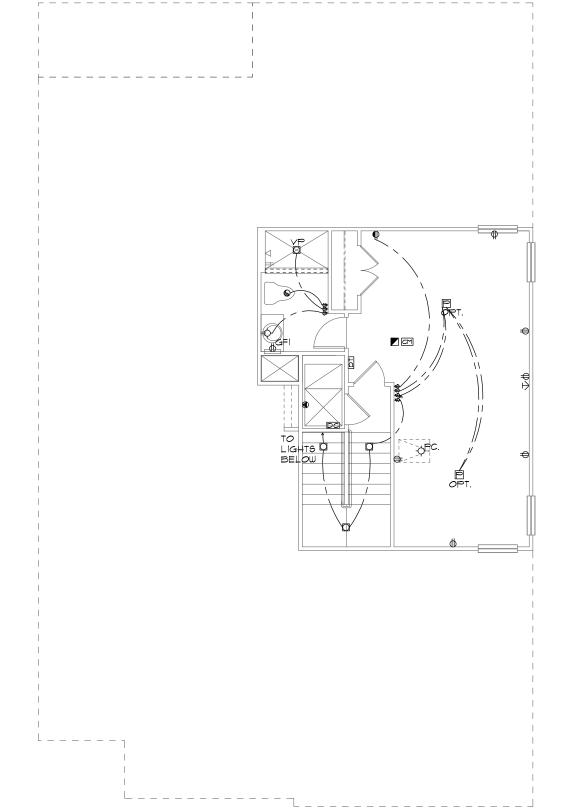


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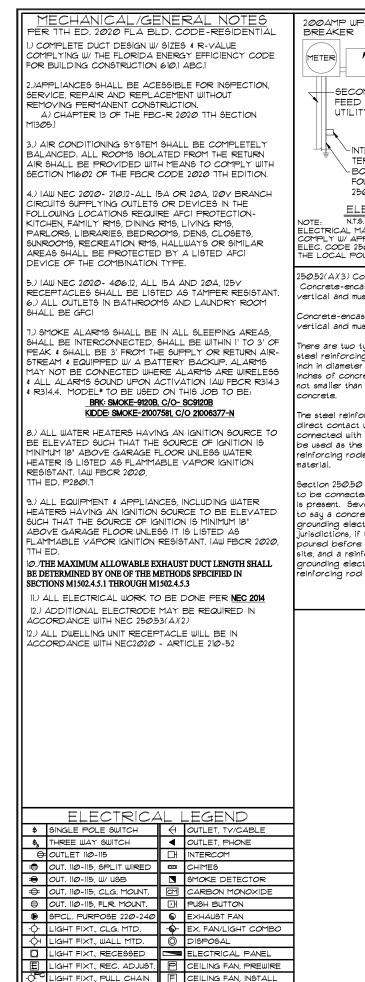
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[] ELECT. JUNCTION BOX

DO DISCONNECT SWITCH

ELEC. POWER METER

ECTRICAL PLAN

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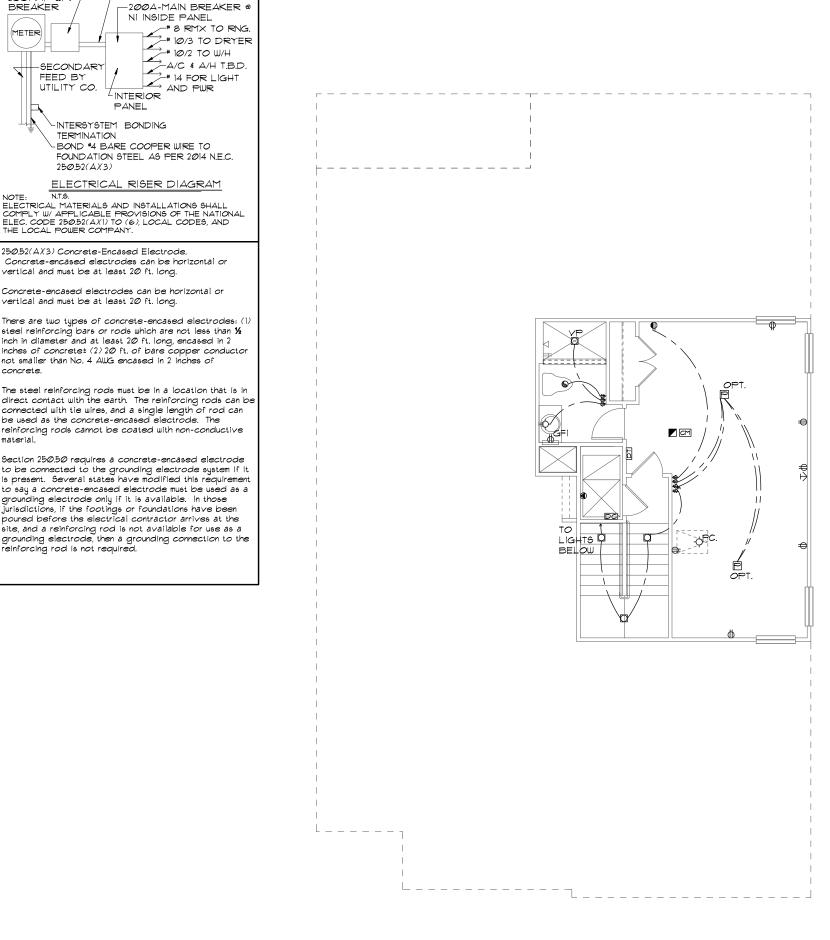
DT THERMOSTAT

OC LIGHT FIXT.FLUORESCENT

LIGHT FIXT, EXT, FLOODS

LIGHT FIXT., EMERG, EXIT

_IGHT FIXT., EXIT/BACKUF



*4/Ø ALUM. S.E.R.

HOOM BONUS [BONUS =

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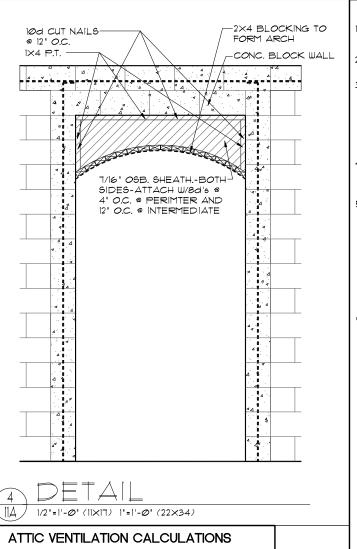
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JOB SHEET



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

TOTAL VENTED SPACE: 3,055 S.F. = 10.18 S.F. NET FREE VENT.

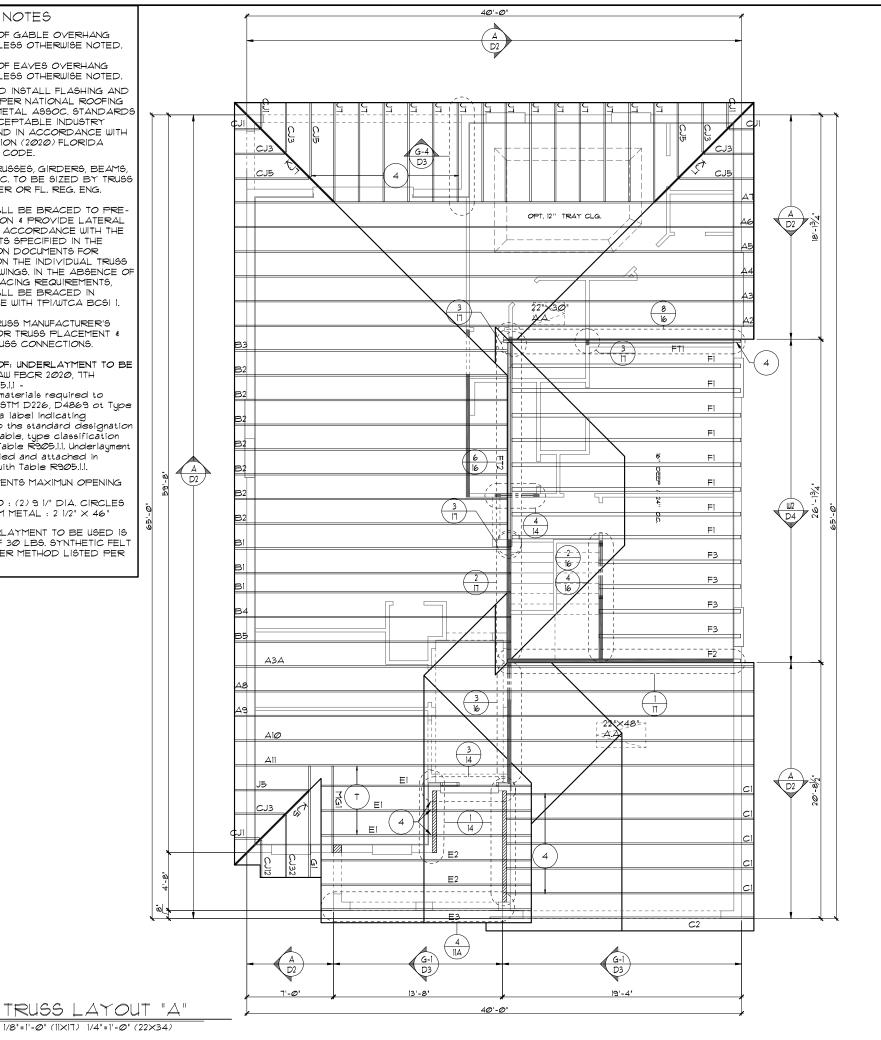
UPPER PORTION VENTILATION TOTAL:---- 4.79 S.F. PROVIDED WOFF RIDGE VENTS: 6 VENTS 0.798 S.F. /VENT. (VENT TYPE: LOMANCO MODEL 170-D OR MILLENNIUM

LOWER PORTION VENTILATION TOTAL:---- 19.48 S.F. PROVIDED W/ VENTILATED SOFFITS @ EAVE:--(224 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 47% LOWER PORTION PERCENTAGE: 53%

NOTES

- 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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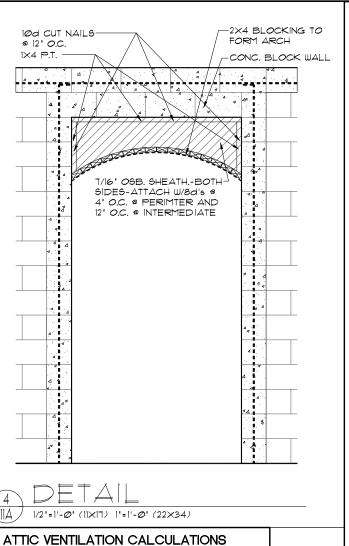
04-22-19

BONUS

MARGATE DATE Ø4-Ø5-2ØIT SCALE AS NOTED

OF ØØ SHEETS

JOB SHEET



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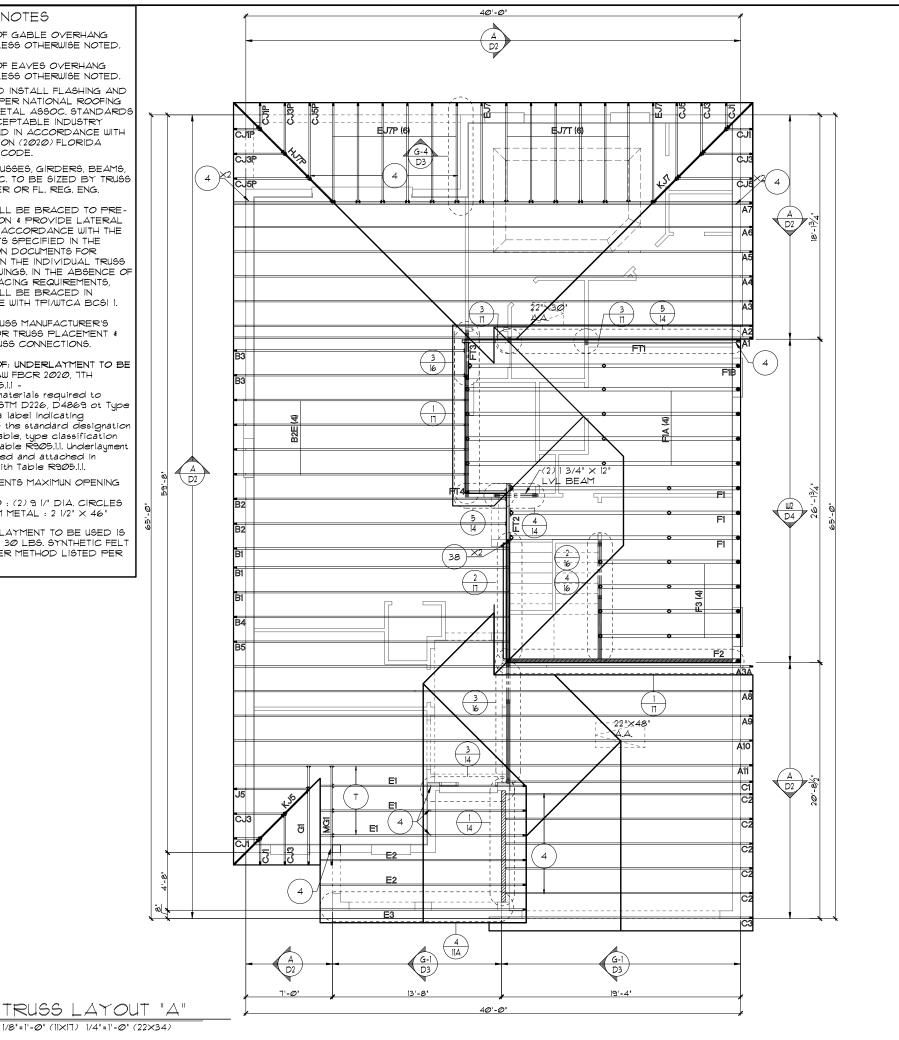
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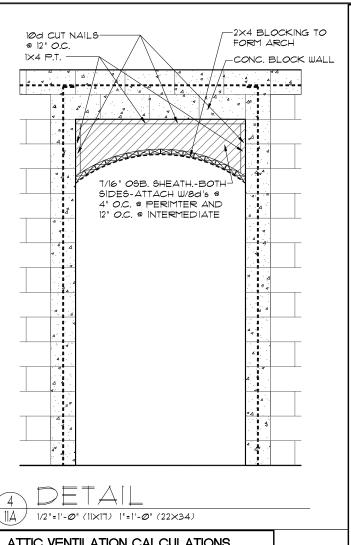
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DATE **04-05-20**17 SCALE AS NOTED

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OF ØØ SHEETS

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)



ATTIC VENTILATION CALCULATIONS

PER FBC2020 1TH 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:

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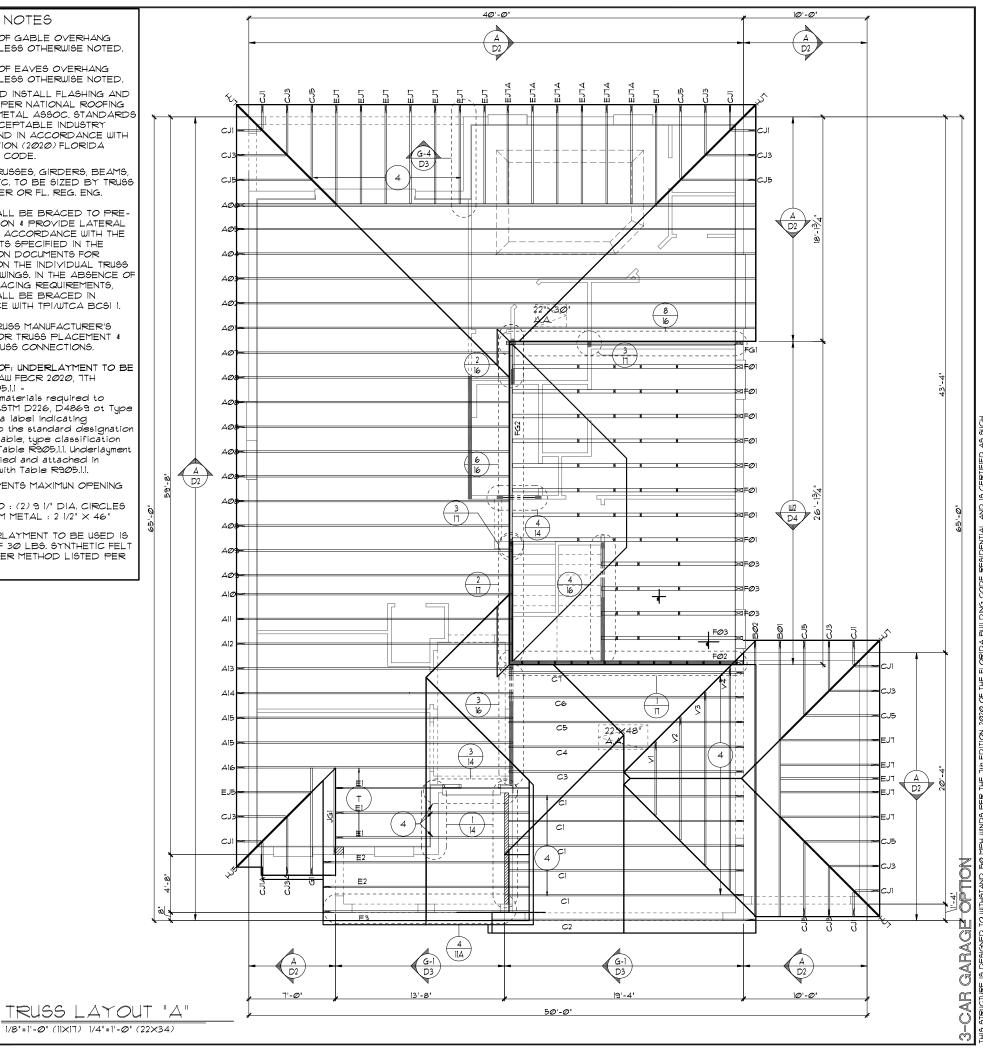
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PROVIDED W/ VENTILATED SOFFITS @ EAVE:--(<u>224 L.F.</u> @ <u>0.087 S.F.</u> VENTING PER L.F.)

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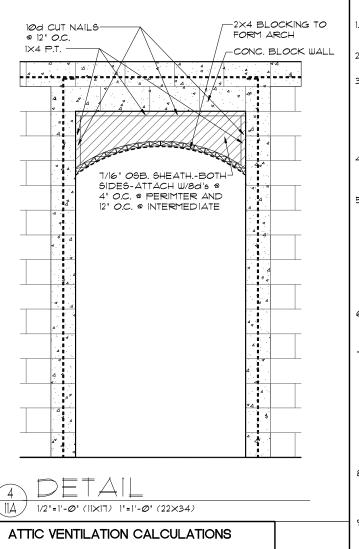
04-22-19 Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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DATE Ø4-Ø5-2ØIT SCALE AS NOTED

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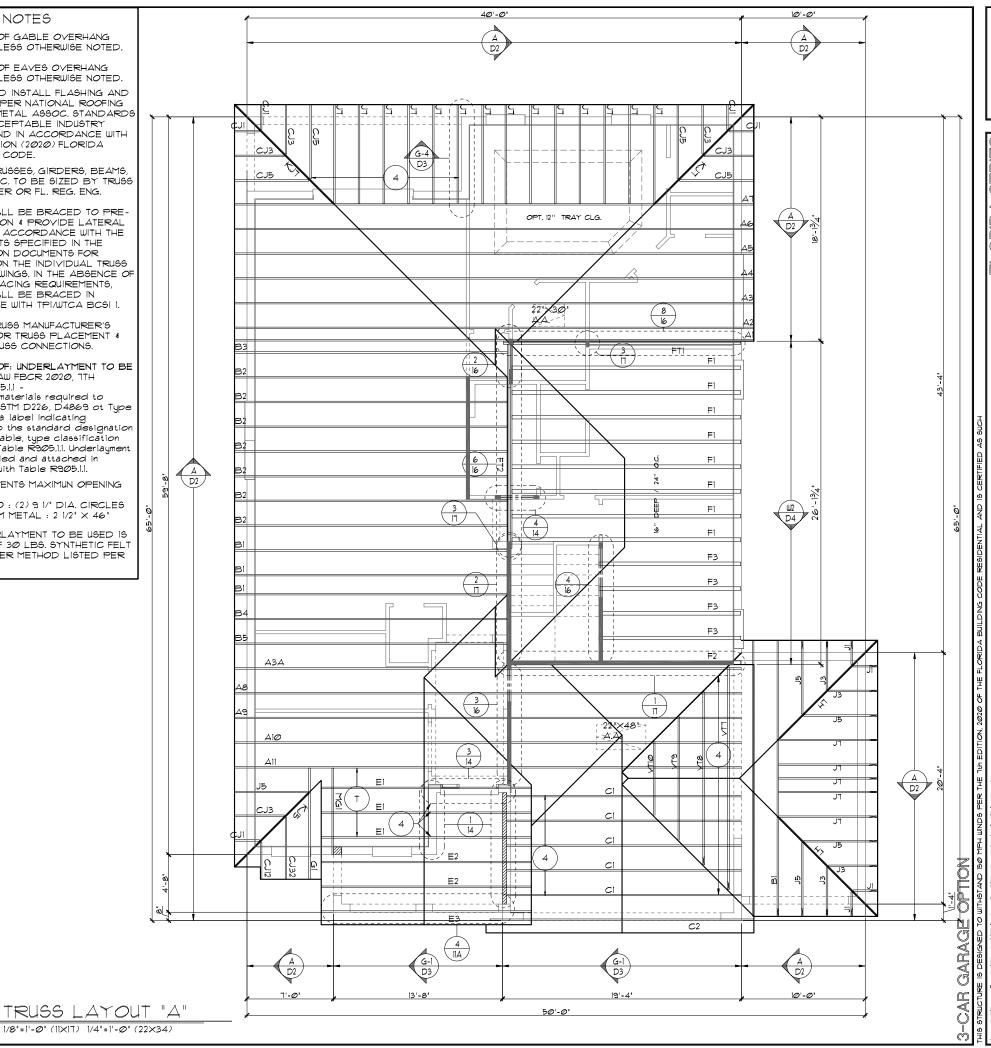
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- 2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI
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- 8. OFF RIDGE VENTS MAXIMUN OPENING
- LOMANCO : (2) 9 1/ DIA. CIRCLES MILLENIUM METAL : 2 1/2" × 46"
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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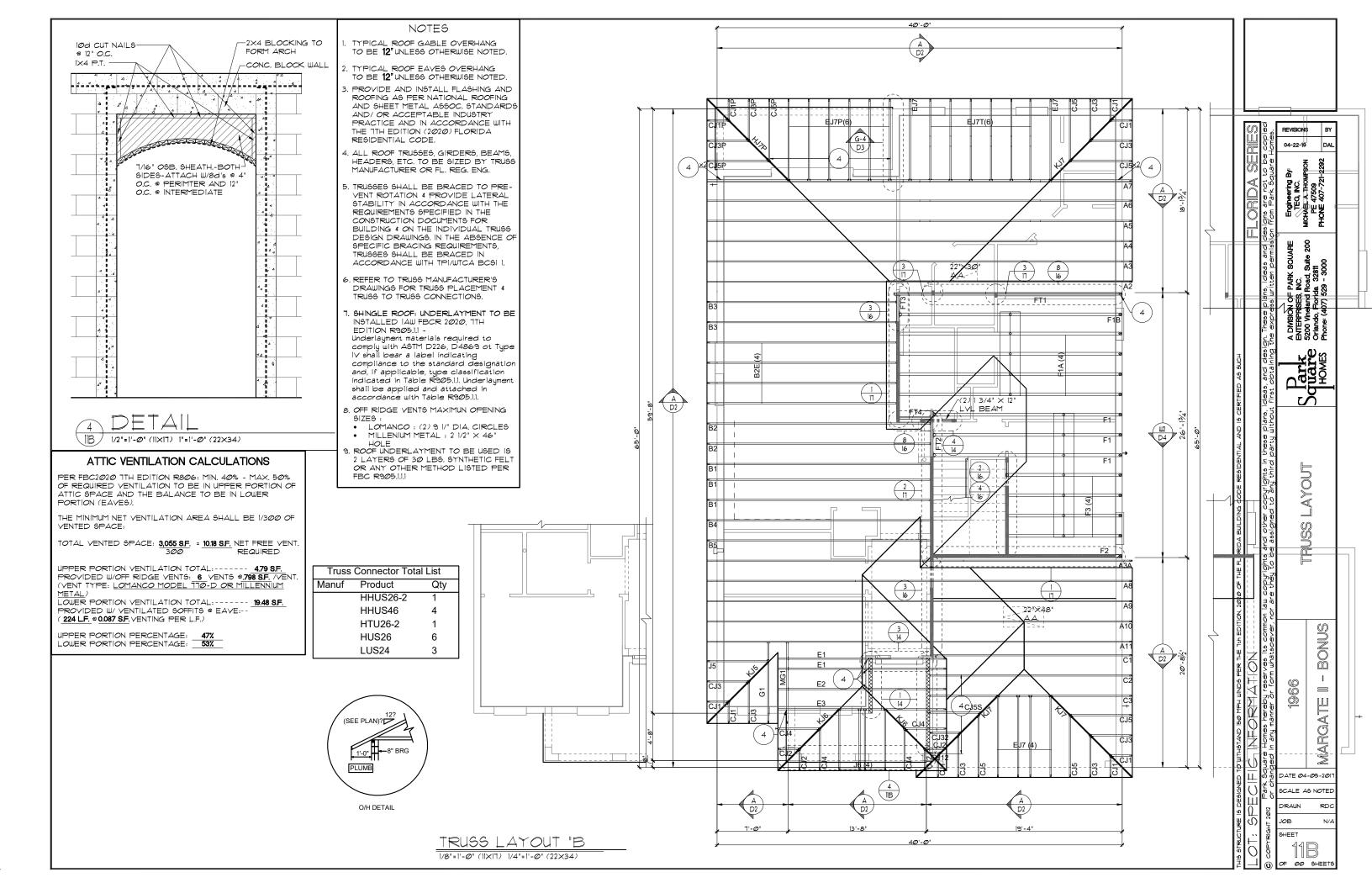
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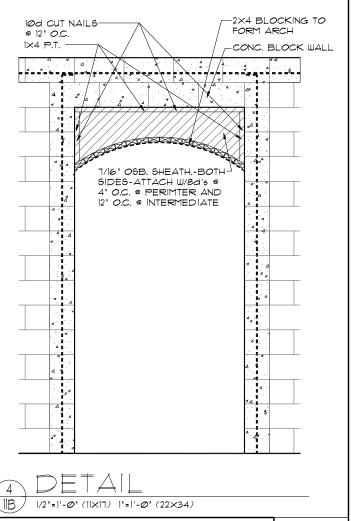
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ATTIC VENTILATION CALCULATIONS

PER FBC2020 1TH 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: $\frac{3,055 \text{ S.F.}}{300} = \frac{10.18 \text{ S.F.}}{\text{REQUIRED}}$ NET FREE VENT.

UPPER PORTION VENTILATION TOTAL:----- 4.79 S.F. PROVIDED W/OFF RIDGE VENTS: 6 VENTS @.798 S.F. /VENT. (VENT TYPE: LOMANCO MODEL TTØ-D OR MILLENNIUM METAL)

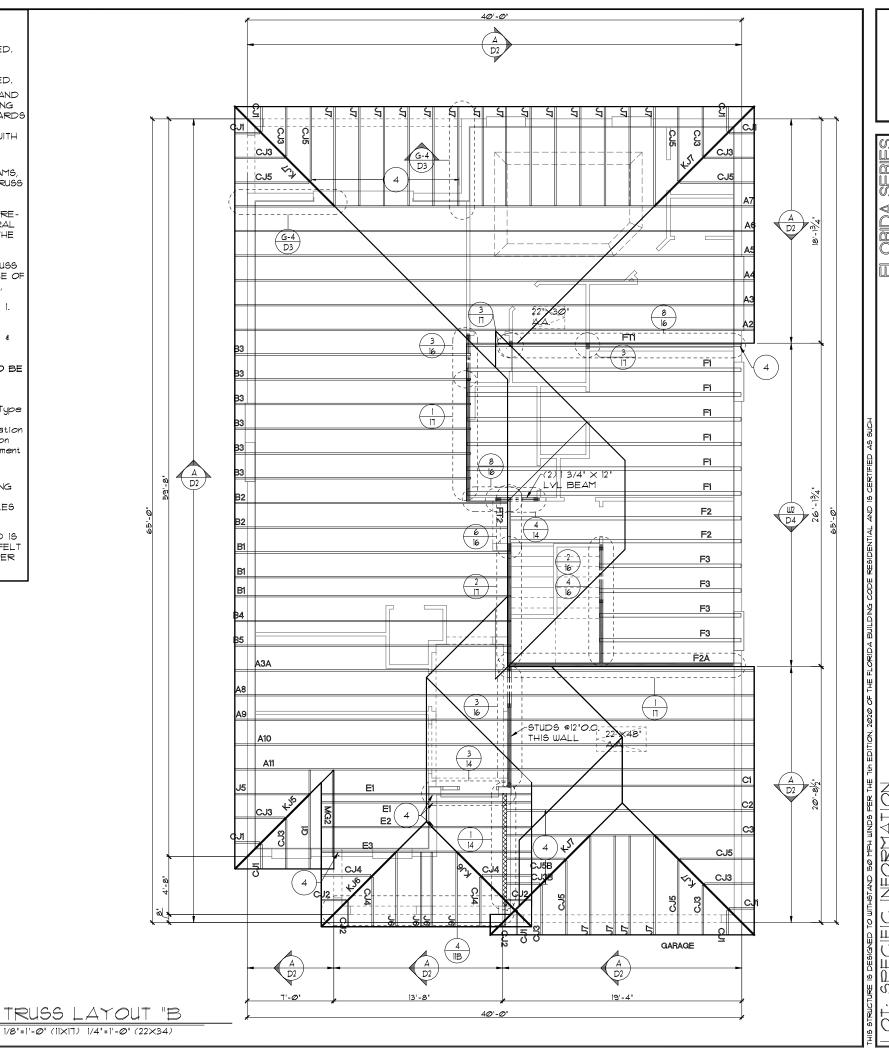
LOWER PORTION VENTILATION TOTAL:----PROVIDED W/ VENTILATED SOFFITS @ EAVE:-(224 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 47%

LOWER PORTION PERCENTAGE: 53%

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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
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- LOMANCO: (2) 9 1/" DIA. CIRCLES
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- 9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.!!.!



04-22-19 Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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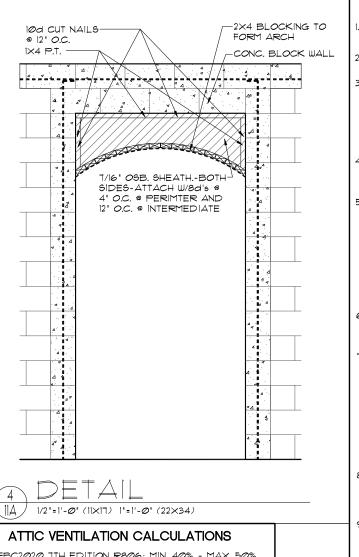
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PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER

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

TOTAL VENTED SPACE: 3,055 S.F. = 10.18 S.F. NET FREE VENT.

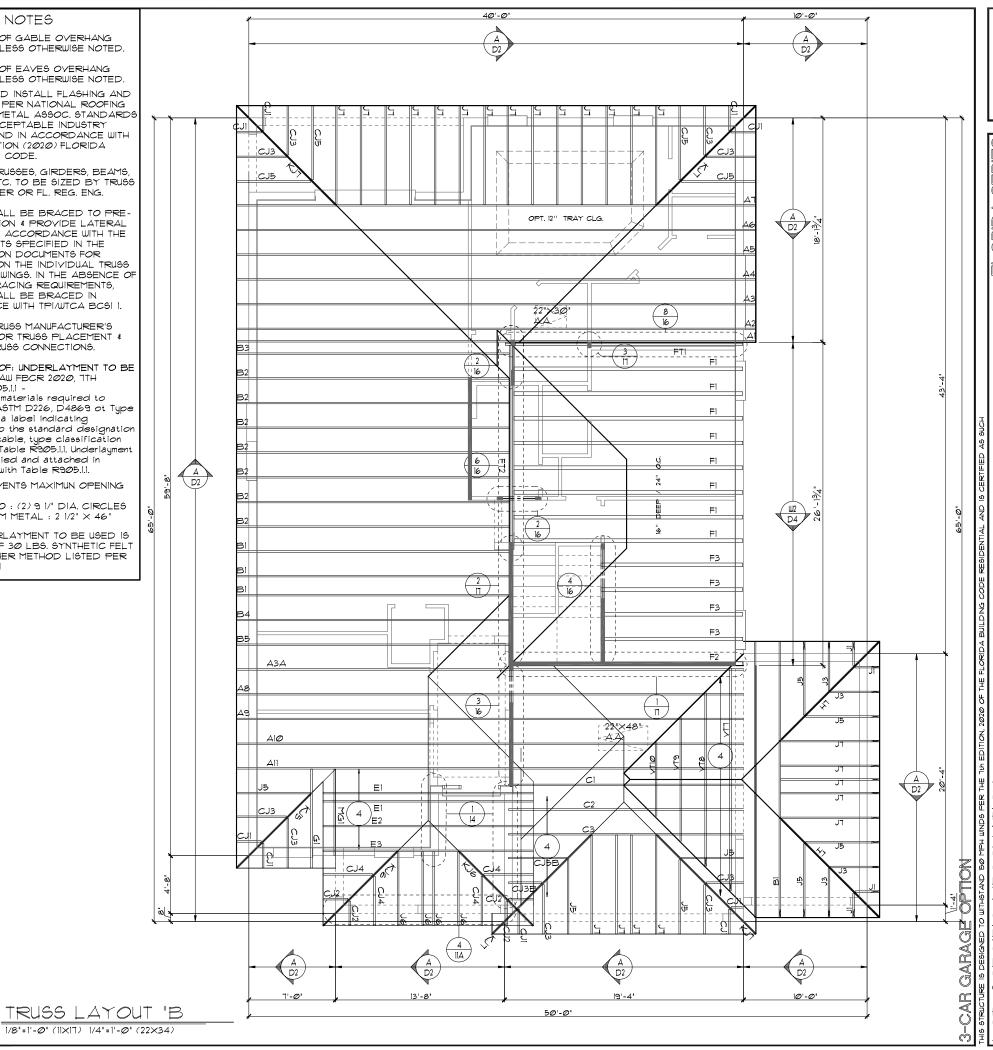
UPPER PORTION VENTILATION TOTAL:---- 4.79 S.F. PROVIDED WOFF RIDGE VENTS: 6 VENTS @ 798 S.F. /VENT. (VENT TYPE: LOMANCO MODEL TTO-D OR MILLENNIUM

LOWER PORTION VENTILATION TOTAL:---- 19.48 S.F. PROVIDED W/ VENTILATED SOFFITS @ EAVE:--(224 L.F. @ 0.087 S.F. VENTING PER L.F.)

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04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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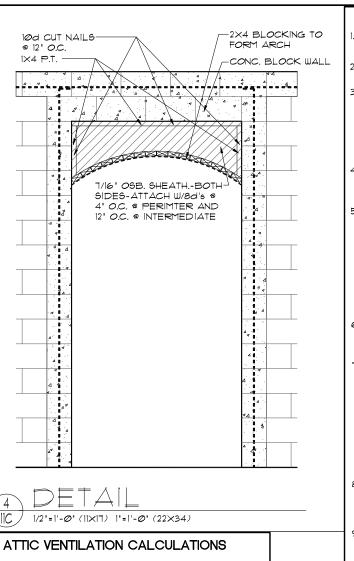
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PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 3,055 S.F. = 10.18 S.F. NET FREE VENT. REQUIRED

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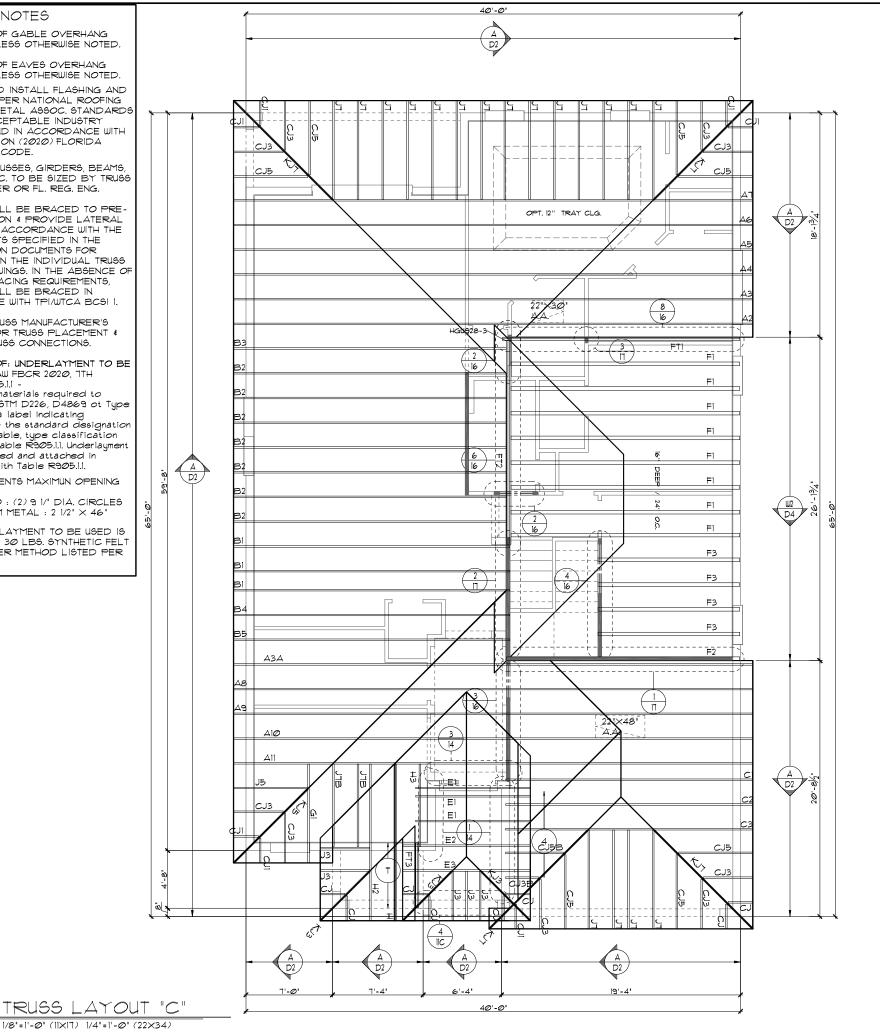
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--

(<u>224 L.F.</u> @ <u>0.087 S.F.</u> VENTING PER L.F.)

UPPER PORTION PERCENTAGE: LOWER PORTION PERCENTAGE: 53%

NOTES

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04-22-19

ä Engineering By TEG, INC. MICHAEL A. THOMPY PE 47509 PHONE 407-721-2

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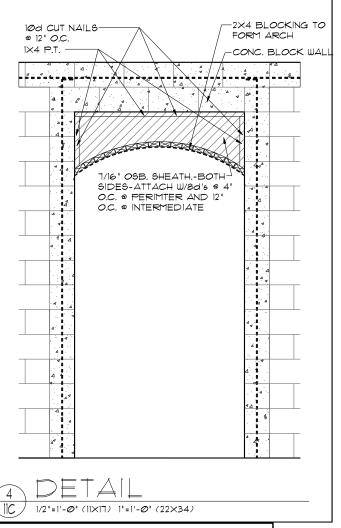
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SCALE AS NOTED

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1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)



ATTIC VENTILATION CALCULATIONS

PER FBC2020 1TH 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).

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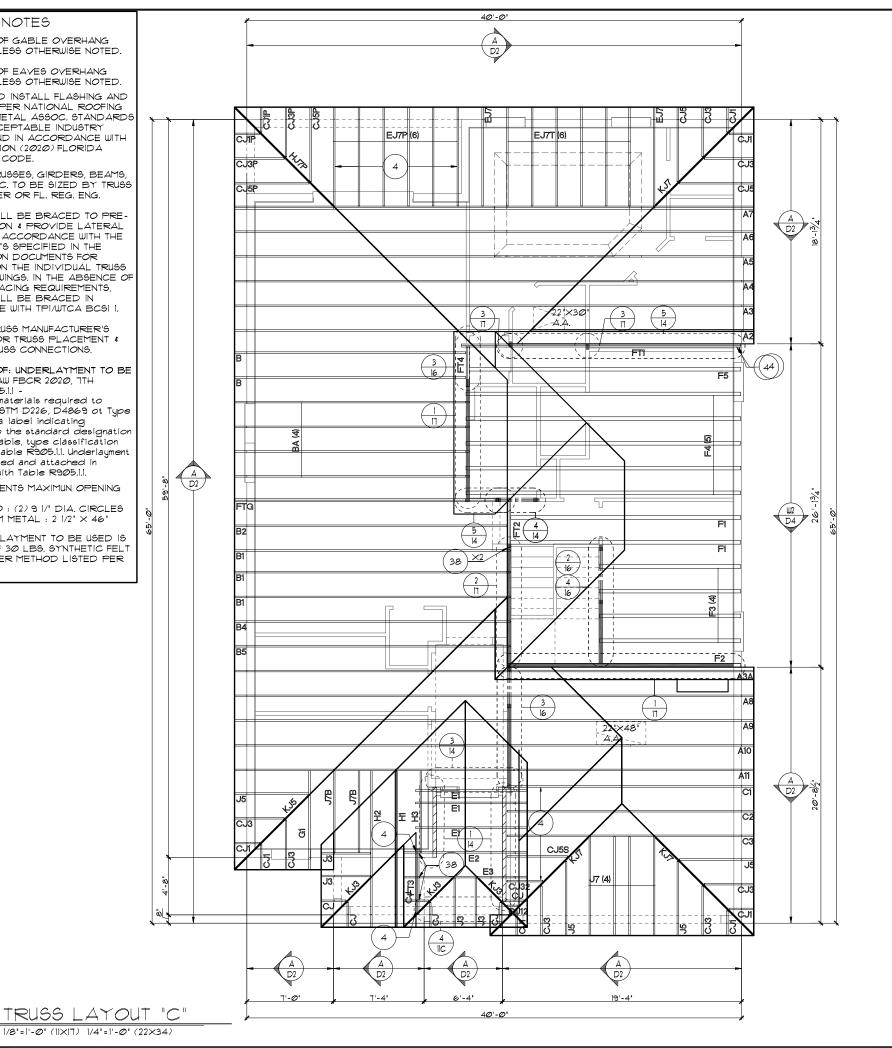
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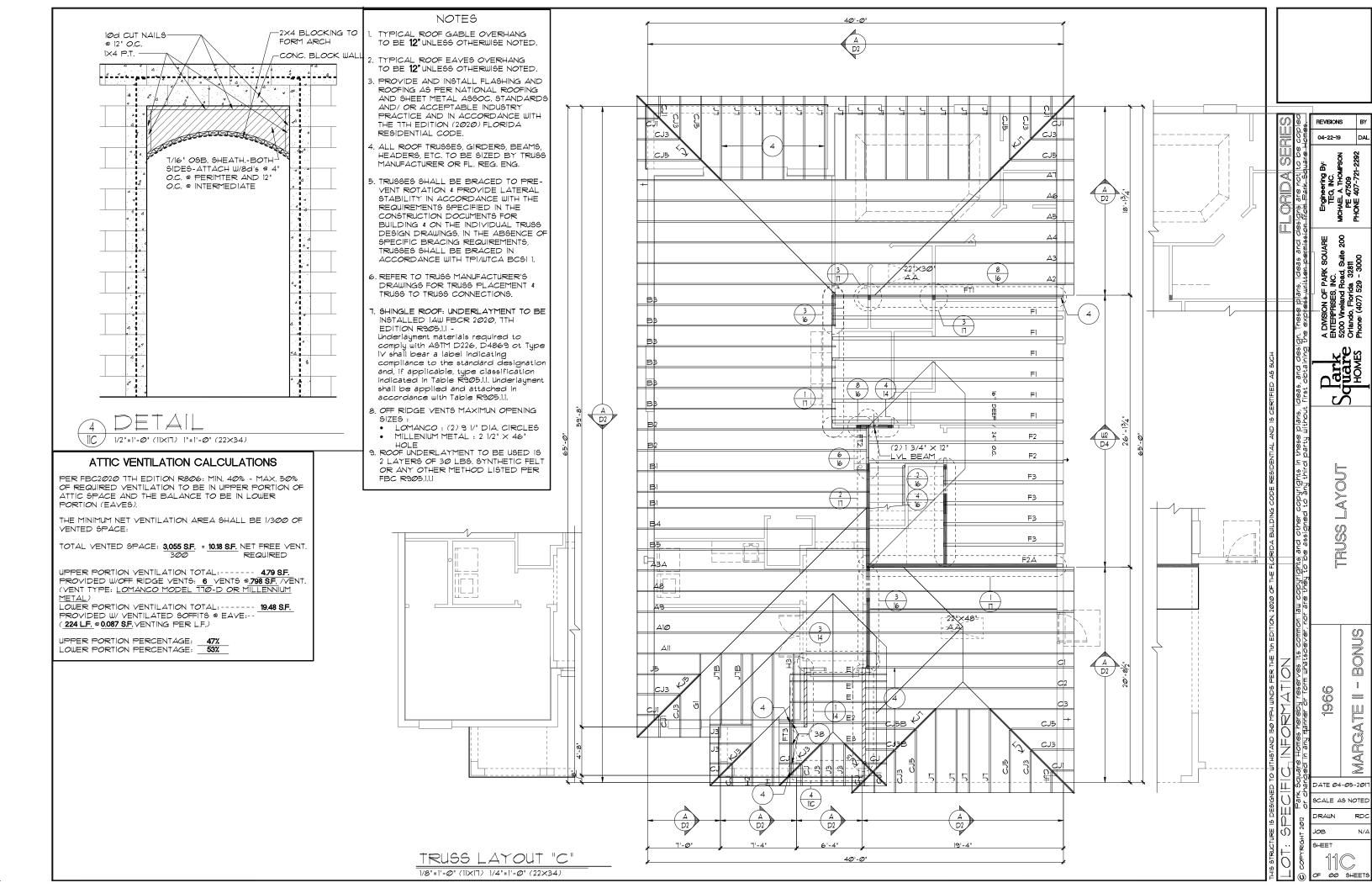
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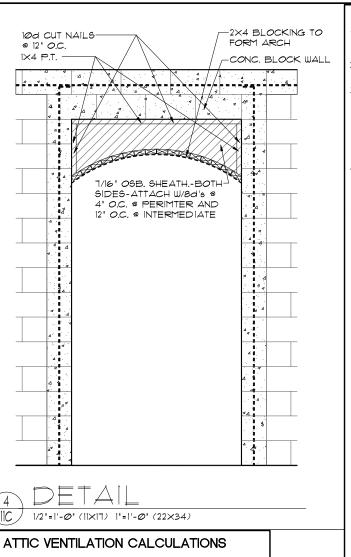
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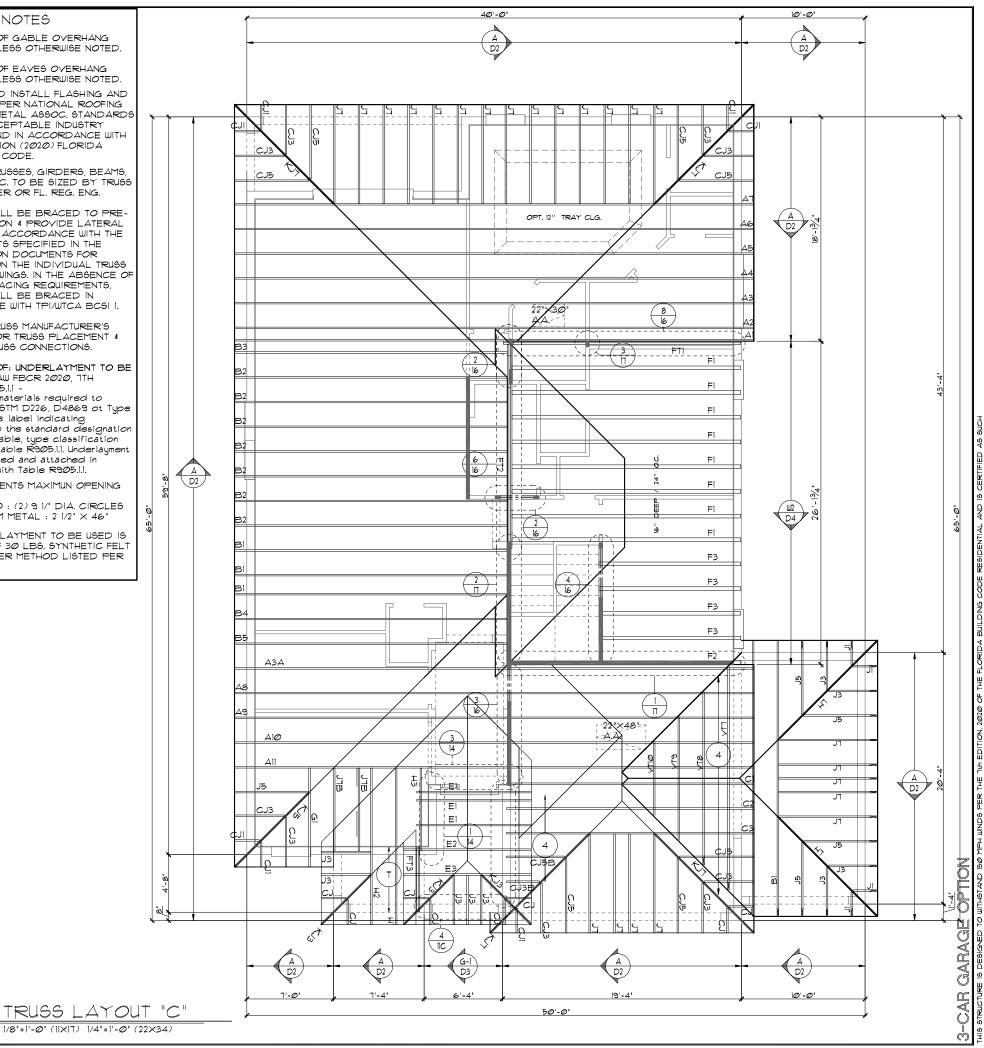
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04-22-19

Engineering By TEG, INC. MICHAEL A. THOMPS PE 47509 PHONE 407-721-2:

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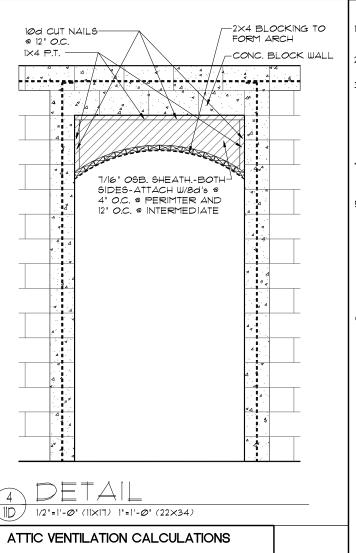
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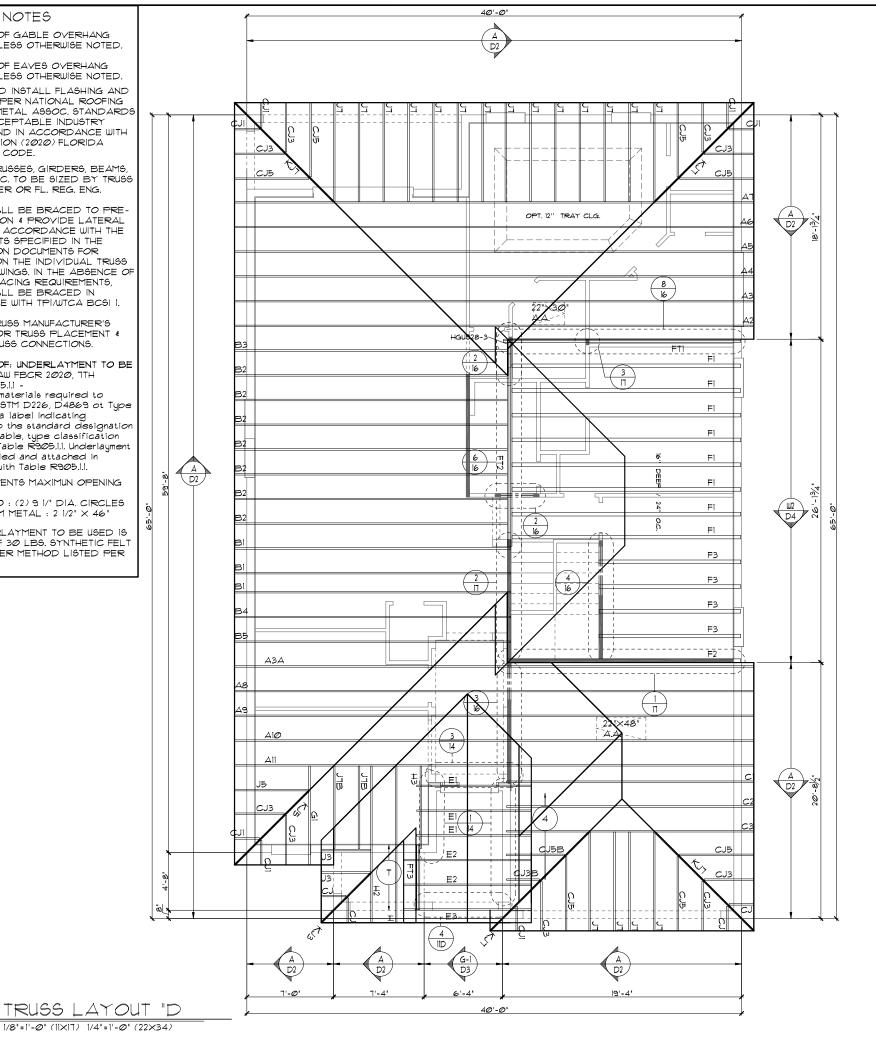
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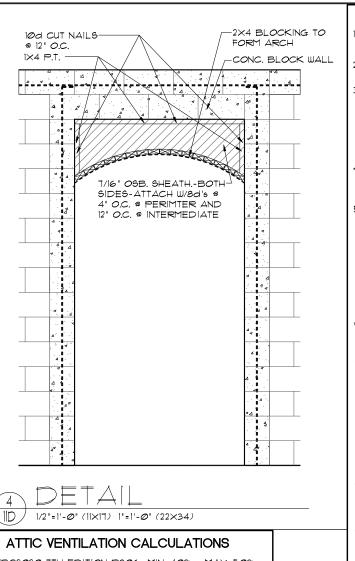
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SCALE AS NOTED

OF ØØ SHEETS

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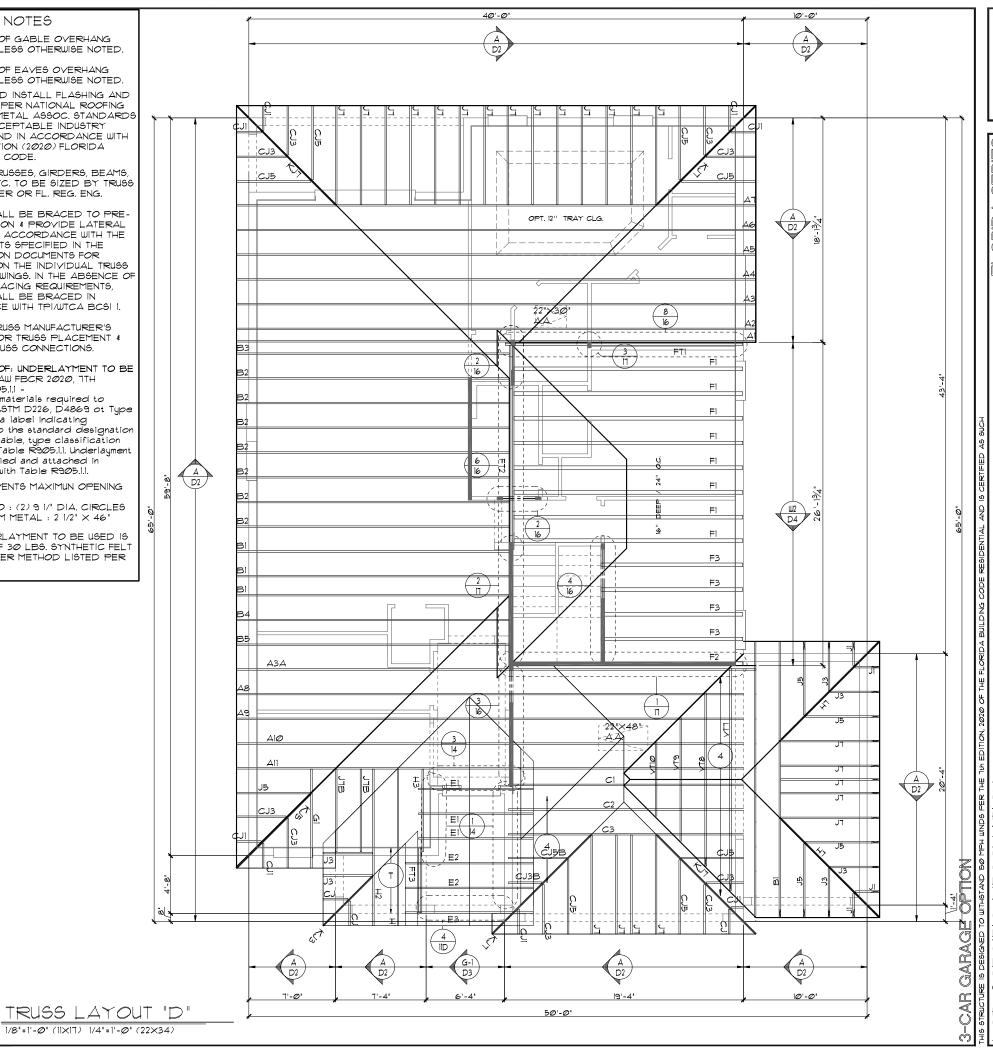
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04-22-19

Engineering By: TEG, INC MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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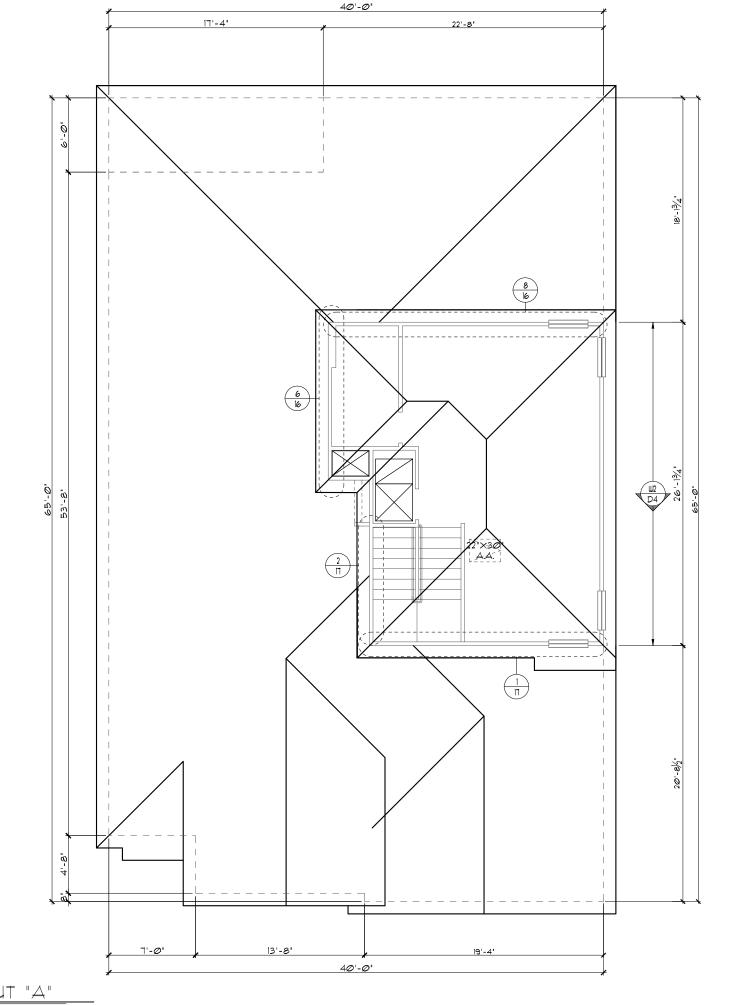
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- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI 1.
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- 1. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R905.I.I -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 MAXIMUN OPENING SIZES :
- LOMANCO : (2) 9 1/" DIA. CIRCLES
- MILLENIUM METAL : 2 1/2" × 46" HOLE 9. ROOF UNDERLAYMENT TO BE USED IS
- 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R9Ø5.1.1.1



04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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UPPER TRUSS LAYC BONUS ROOM OP

BONUS

MARGATE II

DATE Ø4-Ø5-2Ø17

SCALE AS NOTED

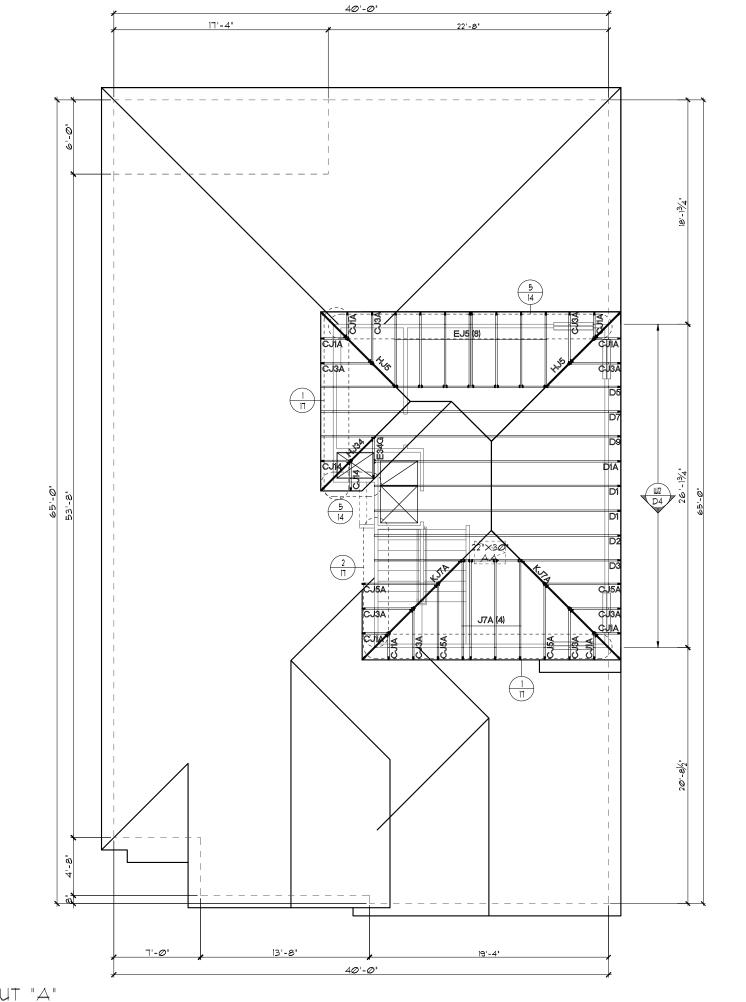
SHEET

BATH

UPPER TRUSS LAYOUT "A"

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

- 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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04-22-19

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LAYOUT

PPER TRUSS LA BONUS ROOM (

BONOS

1

MARGATE II

DATE Ø4-Ø5-2Ø17

SCALE AS NOTED

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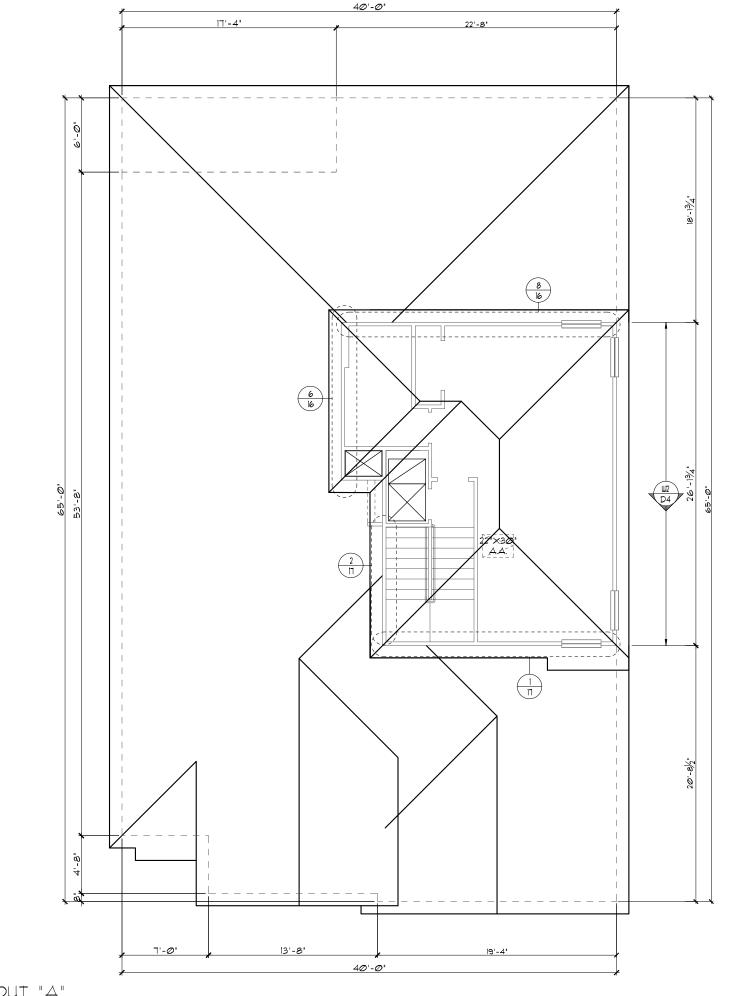
BATH

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UPPER TRUSS LAYOUT "A" 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

Engineering By: TEG, INC MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

LAYOUT

UPPER TRUSS LA BONUS ROOM (

BONUS =

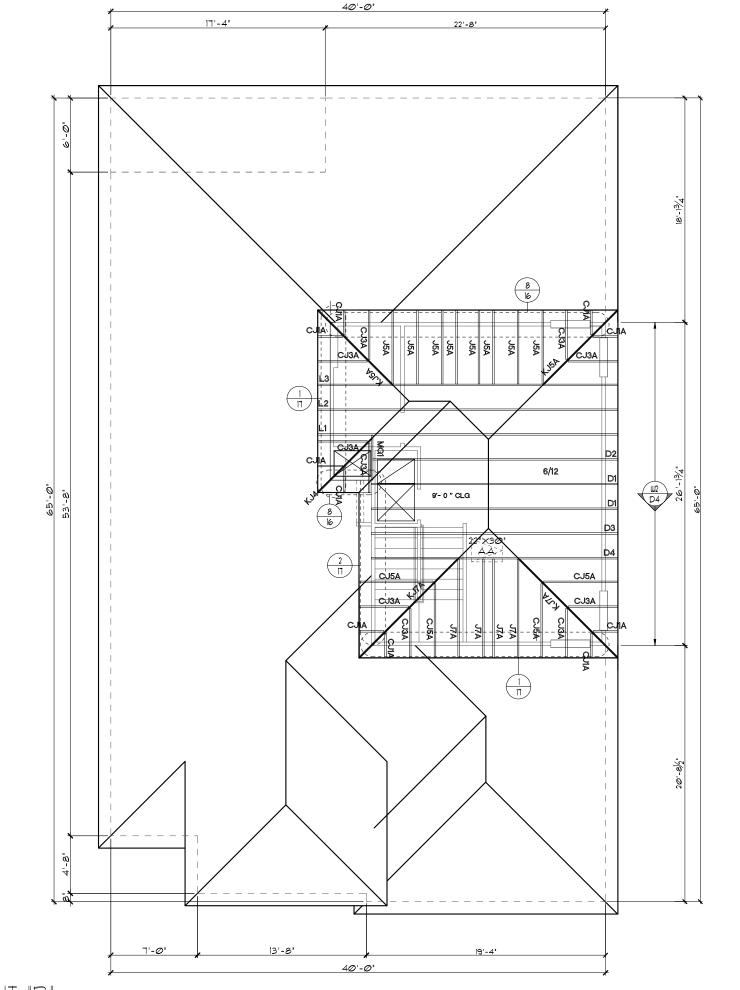
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BATH

04-22-19

Engineering By: TEG, INC MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

LAYOUI

UPPER TRUSS LA BONUS ROOM (

BONUS

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MARGATE DATE **04-05-20**17

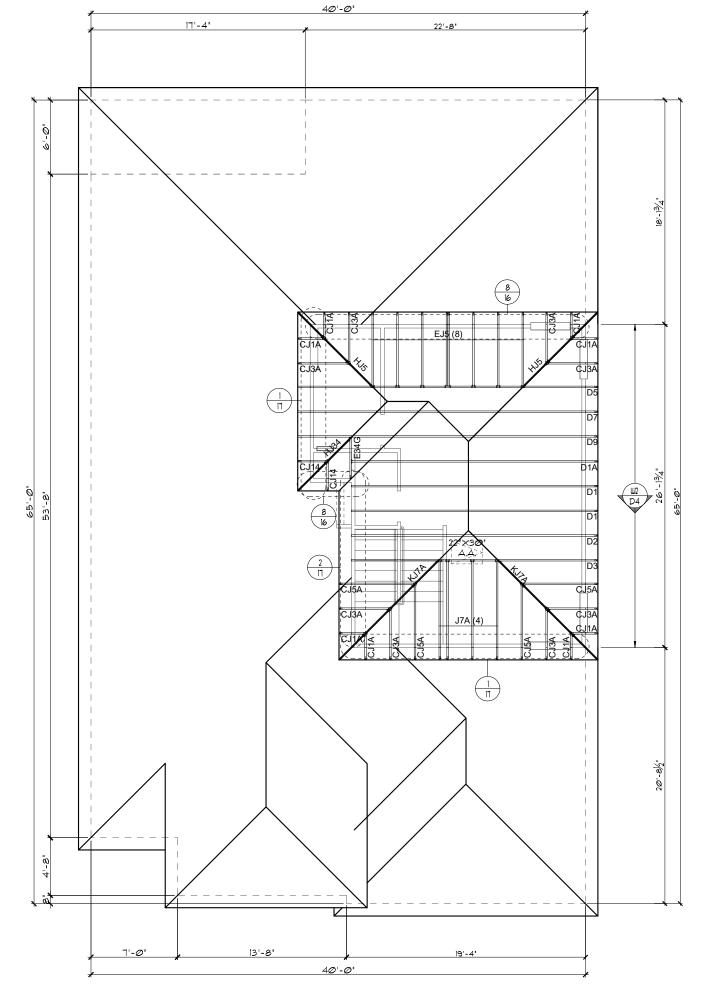
SHEET

UPPER TRUSS LAYOUT "B"

- 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
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 OR ANY OTHER METHOD LISTED PER
 FBC R905.||.|

Truss Connector Total List							
Manuf	Product	Qty					
	HUS26	1					
	LUS24	1					



04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

LAYOUT

UPPER TRUSS LA BONUS ROOM (

BONUS

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MARGATE

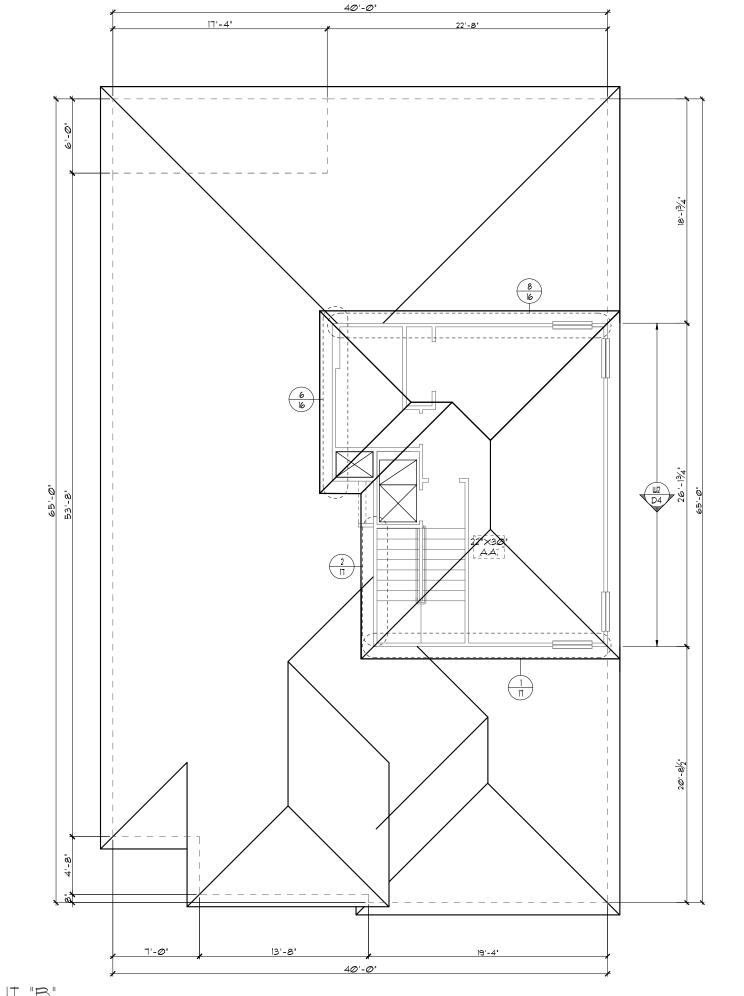
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JOB SHEET

UPPER TRUSS LAYOUT "B"

1/8"=|'-@" (||×|7) 1/4"=|'-@" (22×34)

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BATH

MARGATE DATE Ø4-Ø5-2Ø17

04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

LAYOUT

UPPER TRUSS LA BONUS ROOM (

BONUS

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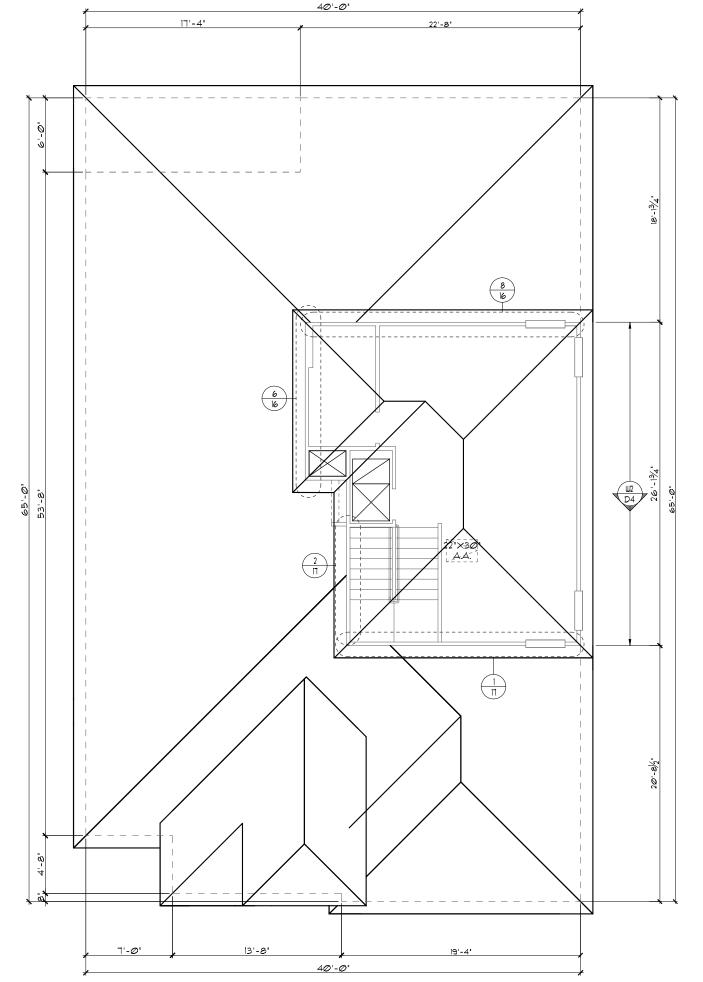
SCALE AS NOTED

SHEET

UPPER TRUSS LAYOUT "B" 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

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FBC R905.1.1.1



UPPER TRUSS LAYOUT "C"

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

LAYOUT UPPER TRUSS LA BONUS ROOM (

04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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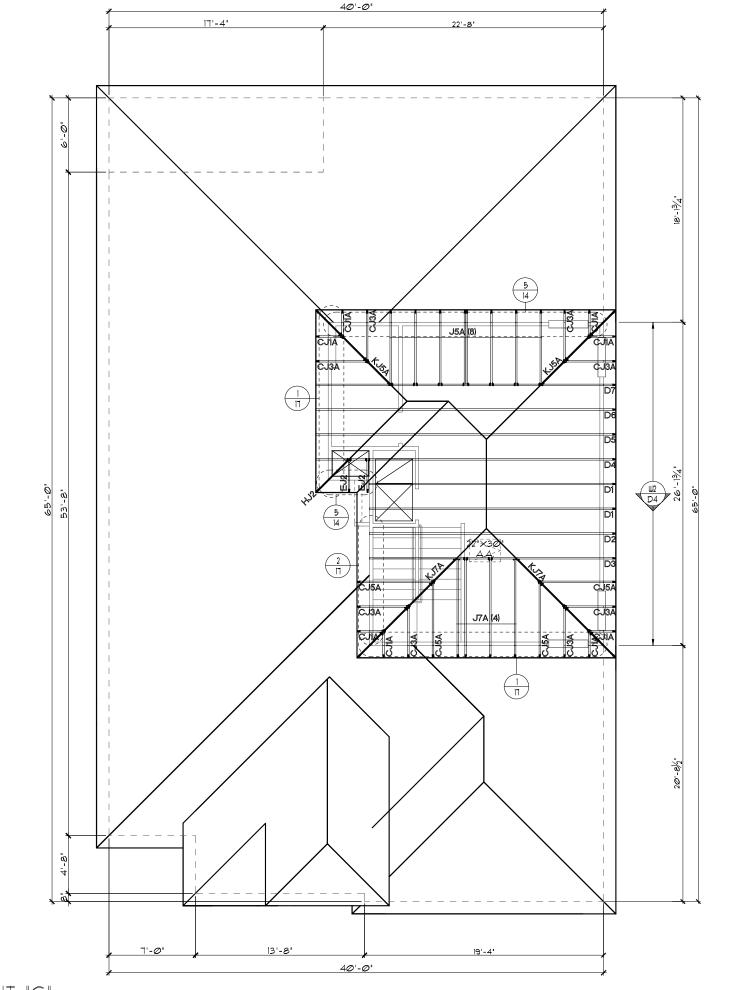
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SHEET

BATH

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UPPER TRUSS LAYOUT "C" 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

LAYOUI UPPER TRUSS LA BONUS ROOM (

04-22-19

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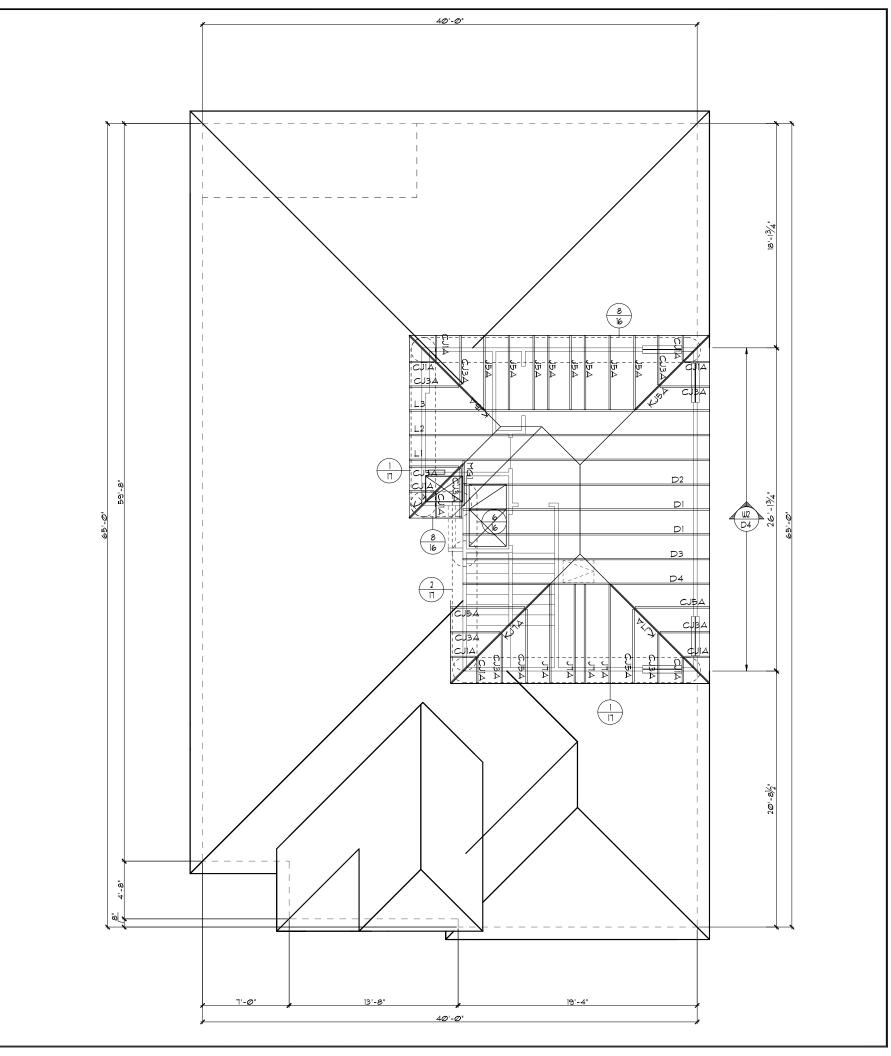
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04-22-19

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UPPER

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OF ØØ SHEETS

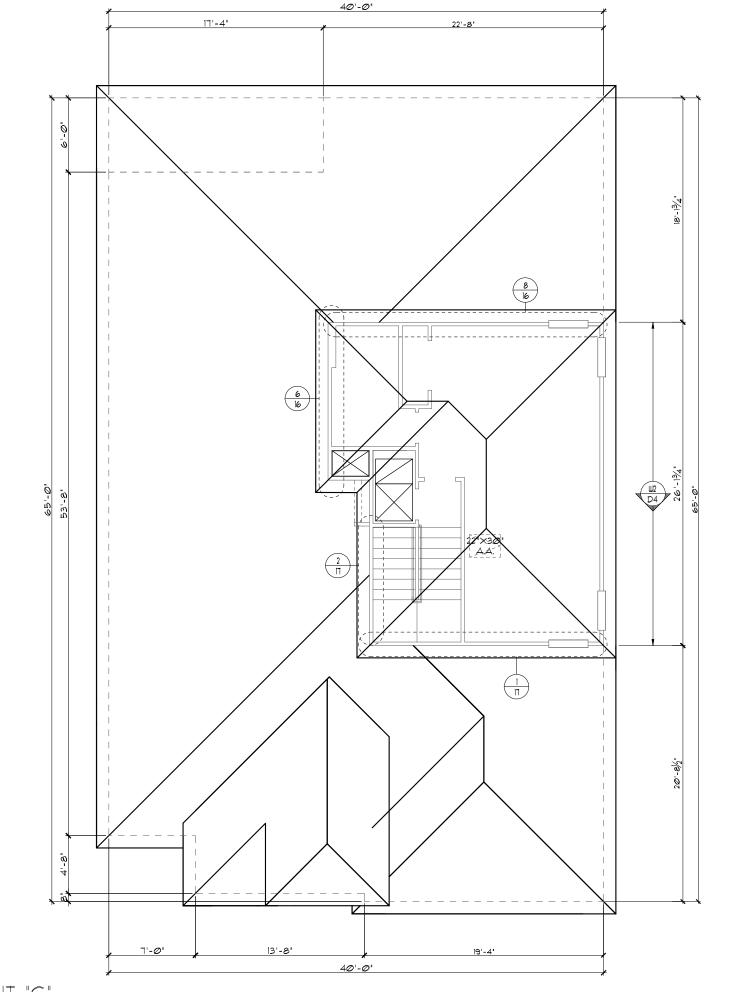
JOB SHEET

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UPPER TRUSS LAYOUT "C"

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

LAYOUT UPPER TRUSS LA BONUS ROOM (

04-22-19

Engineering By: TEG, INC. MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

BONUS =

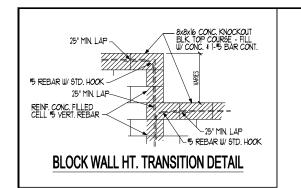
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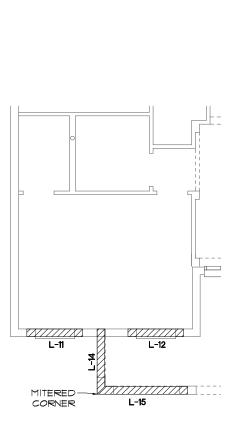
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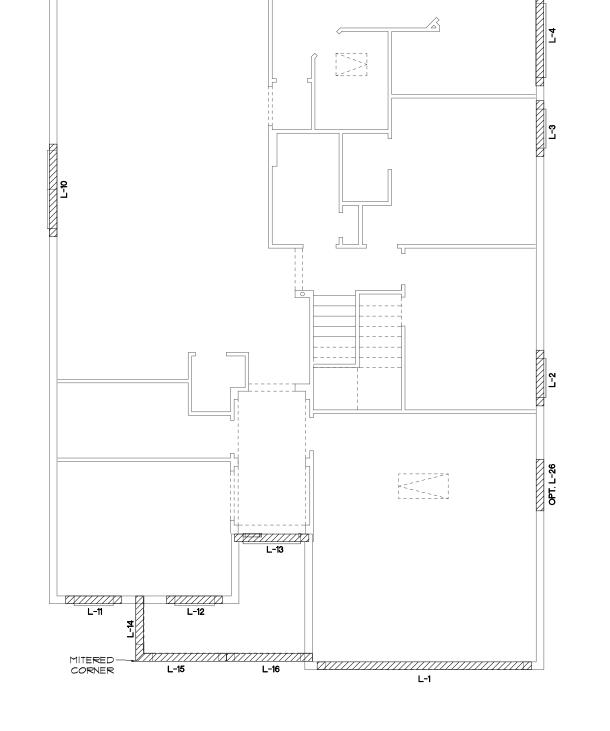
BATH

OF ØØ SHEETS

SHEET



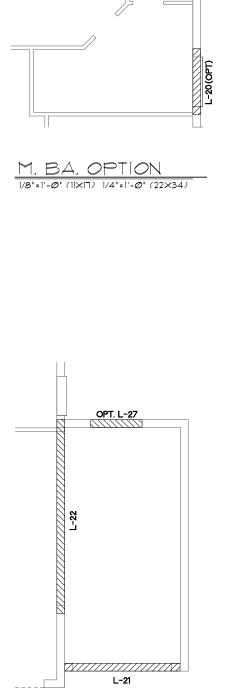




L-5

L-7

L-9



L-5

L 12 4'-6' 8F16-ØB/IT 5'-10" SRF12-ØB/IT FRONT DOOR L 14 5'-4' 8F60-0B/IT FRONT ENTRY L 15 6'-6" 8F24-ØB/IT FRONT ENTRY L 16 6'-6" 8F24-ØB/IT FRONT ENTRY L 17 L 18 L 19 L 2Ø 5'-4' 8FI6-ØB/IT 4Ø4Ø 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' SRFI6-ØB/IT OPT. GAR. SERVICE DOOR L 27 4'-6' 8RFI6-ØB/IT OPT. GAR. SERVICE DOOR L 28 L 29 L 3Ø L 31 L 32 L 33

CAST CRETE LINTEL SCHEDULE

COMMENTS

GARAGE DOOR

SH25

LENGTH TYPE

L 2 4'-6' 8FI6-ØB/IT SH25 4'-6" 8FI6-ØB/IT 9H25

L 5 4'-6' 8FI6-ØB/IT SH25 L 6 4'-6' 8F16-ØB/IT

17'-4" 8F32-1B/IT

L 4 1'-6' 8F12-0B/IT 6/0×1/0 F.G.

L 7 17'-4" 8F16-ØB/IT REAR LANA

4'-6" 8F16-ØB/IT SH25

5'-10" 8F16-0B/IT REAR LANAI

9'-4' 8FI6-ØB/IT 8/@X8/@ 5.G.D. 1'-6' 8F16-ØB/IT PR. SH25

LINTEL NO.

L 3

L8

L 9

L 10

L 34 L 35

L 36

L 37 L 38

L 39

BEDROOM 4 OPT. 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

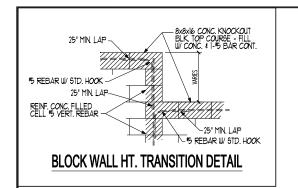
PRE CAST LINTEL LAYOUT "A"/"B"

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

3-CAR GAR, OPT 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

1966 DATE **04-05-20**17 SCALE AS NOTED SHEET

MARGATE II - BONUS



CAST CRETE LINTEL SCHEDULE

COMMENTS

GARAGE DOOR

SH25

LINTEL LENGTH TYPE

L 12

LIT L 18

L 19

L 23 L 24

L 25

L 28

L 29

L 3Ø

L 31 L 32

L 33

L 34 L 35

L 36

L 37 L 38

L 39

17'-4" 8F32-IB/IT

L 2 4'-6' 8FI6-ØB/IT 9H25 L 3 4'-6' 8FI6-ØB/IT 9H25 L 4 1'-6" 8F12-0B/IT 6/0×1/0 F.G.

L 5 4'-6' 8FI6-ØB/IT SH25 L 6 4'-6' 8F16-ØB/IT

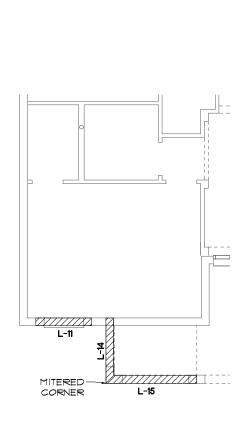
L 7 IT'-4" 8FI6-ØB/IT REAR LANAI L 8 5'-IO' 8FI6-OB/IT REAR LANAI L 9 9'-4' 8FI6-ØB/IT 8/ØX8/Ø 5G.D. L 10 1'-6" 8F16-0B/IT PR. SH25 4'-6' 8FI6-ØB/IT 9H25

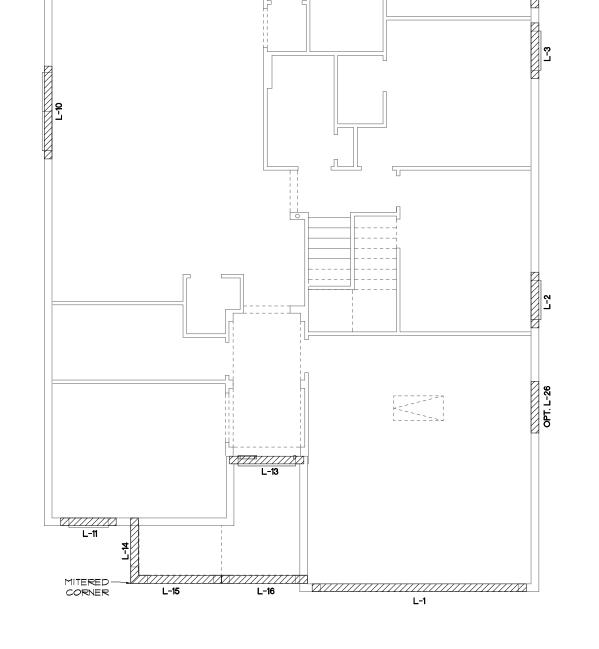
L 13 5'-10" 8RF12-0B/IT FRONT DOOR L 14 5'-4' 8FI6-ØB/IT FRONT ENTRY

L 15 6'-6' 8FI6-ØB/IT FRONT ENTRY L 16 6'-6" 8F24-ØB/IT FRONT ENTRY

L 20 5'-4" 8FI6-ØB/IT 4040 OPT MASTER BATH L 21 9'-4' 8F32-IB/IT GARAGE DOOR L 22 16'-0" 8F16-1B/IT GARAGE

L 26 4'-6' 8RFI6-ØB/IT OPT. GAR. SERVICE DOOR L 27 4'-6' 8RFI6-ØB/IT OPT. GAR. SERVICE DOOR





L-5

L-7

L-9



BEDROOM 4 OPT. 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

PRE CAST LINTEL LAYOUT "C"

1/8"=1'-@" (IIXIT) 1/4"=1'-@" (22X34)

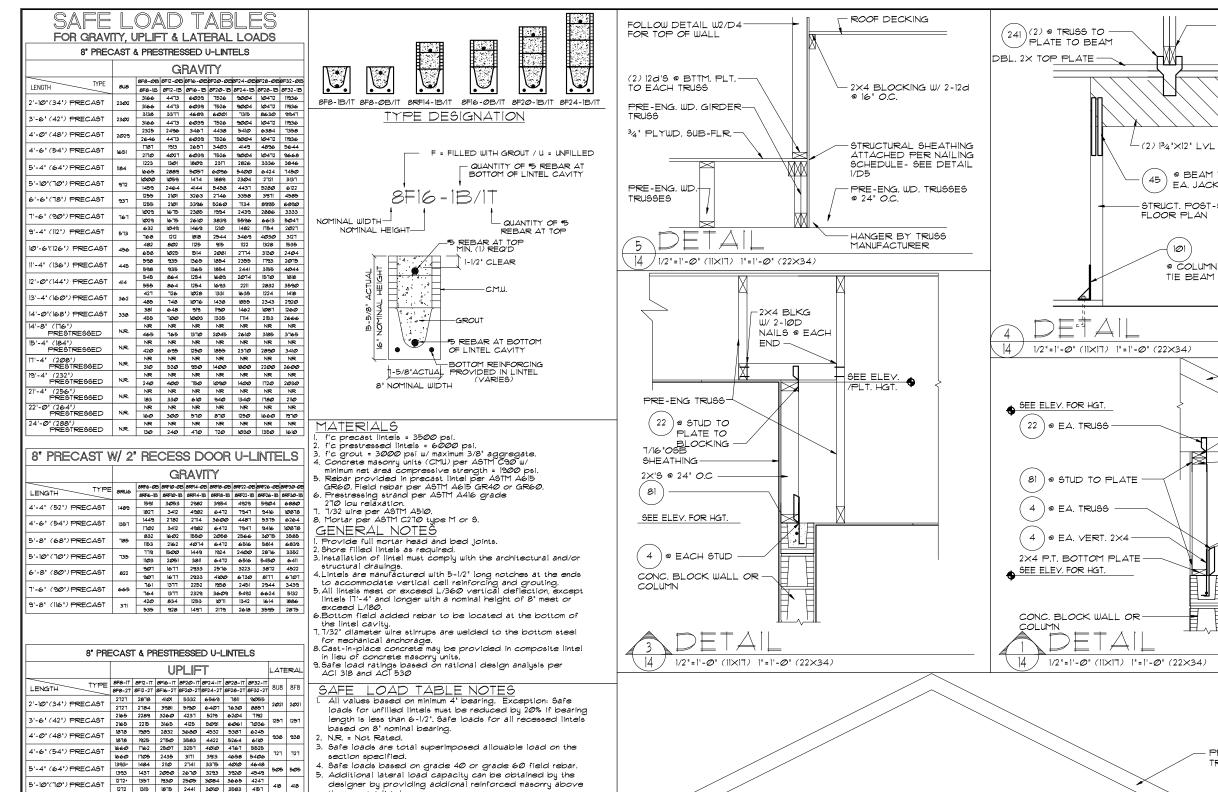
3-CAR GAR, OPT. 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

L-21

DATE **04-05-20**17 SCALE AS NOTED SHEET

MARGATE II - BONUS

OF ØØ SHEETS



			VI						-,	ш
TYPE	8F8-IT	8F12-1T	8FI6-IT	8F2Ø-IT	8F24-IT	8F28-1T	8F32-IT	0.10	250	íŀ
LENGTH	8F8-2T	8F12-2T	8F16-2T	8F2Ø-2T	8F24-2T	8F28-2T	8F32-2T	808	8F8	П
LIGHT ALL DESCRIPTION	2727	2878	4101	5332	6569	IISF	9/055		2001	íΙ
-10'(34') PRECAST	2727	2784	3981	5190	6407	7630	8851	2021	2021	П
LALAM DDECAST	2165	2289	3260	4237	5219	6204	7192			H
-6' (42') PRECAST	2165	2215	3165	4125	5@91	6061	7/036	1257	1257	П
-Ø' (48') PRECAST	1878	1989	2832	3680	4532	5387	6245			П
-D (-D) I-RECASI	1878	1925	2750	3583	4422	5264	6110	938	938	П
'-6" (54") PRECAST	1660	1762	25Ø1	3257	4010	4767	5525			П
E (S4) NESASI	1660	17Ø5	2435	3171	3913	4658	5406	727	727	П
'-4" (64") PRECAST	1393*	1484	2110	2741	3375	4010	4648			П
-4 (64) FRECASI	1393	1437	2050	2670	3293	3920	4549	5Ø5	5Ø5	П
'-10"(10") PRECAST	12712+	1351	1930	25Ø5	3Ø84	3665	4247			H
-ID (ID) FRECASI	1272	1315	1875	2441	3010	3583	4151	418	418	П
'-6"(18") PRECAST	1141*	1200	1733	2250	2769	329Ø	3812			H
-6 (16) FRECASI	1141	1182	1684	2192	27Ø3	3216	3732	דשר	881	П
L (L (O O L) DDEC (AST	959+	912	1475	1914	2354	2797	3240			íΙ
1'-6" (90") PRECAST	990	1029	1466	19Ø7	2351	2797	3245	591	651	П
1'-4" (112") PRECAST	8011	612	980	1269	1560	1852	2144			П
-4 (IIZ) FRECASI	801	755	1192	1550	1910	2271	2634	454	630	П
0'-6"(126") PRECAST	716*	498	193	1Ø27	1261	1496	1731			íΙ
9-6 (126) PRECASI	716	611	1039	1389	1711	2034	2358	396	493	П
-4' (136') PRECAST	666.	439	696	899	11@4	1309	1515			П
4" (136") PRECASI	666	535	905	1295	1595	1896	2198	363	556	П
	6071	400	631	816	1001	1186	1372		494	íΙ
-Ø'(144') PRECAST	631	486	818	1209	1514	eeri	2086	340		П
ALAK GILI DDEG ASE	500.	340	532	686	841	997	1153			íΙ
'-4" (160") PRECAST	513	409	682	1004	1367	1637	resi	3@2	398	П
U AKKAL) PPECACE	458*	316	493	635	378	922	1065			íΙ
1'-0'(168') PRECAST	548	378	629	922	1254	1567	1816	286	360	П
'-8' (I76')	243	295	459	591	724	857	990			П
PRESTRESSED	243	352	582	852	1156	1491	1742	N.R.	357	H
5'-4' (184")	228	278	430	553	677	8Ø1	925			íΙ
PRESTRESSED	228	329	542	191	1Ø72	1381	1676	N.R.	327	П
'-4' (2Ø8')	188	236	361	464	567	670	774		255	íΙ
PRESTRESSED	188	276	449	649	874	1121	1389	N.R.		П
)'-4" (232")	165	2ØT	313	401	490	578	667		204	П
PRESTRESSED	165	239	383	550	736	940	1160	N.R.		П
'-4' (256')	145	186	278	356	433	512	590			П
PRESTRESSED	142	212	336	477	635	807	993	N.R.	1712	П
?'-Ø" (264')	140	180	268	343	418	493	568			H
PRESTRESSED	137	205	322	457	607	ורד	947	N.R.	161	П
4'-Ø" (288")	127	165	244	312	380	447	515			П
PRESTRESSED	124	186	290	408	538	680	833	N.R.	135	ιſ

the precast lintel.

6. One *7 rebar may be substituted for two *5 rebars in 8" lintels only.

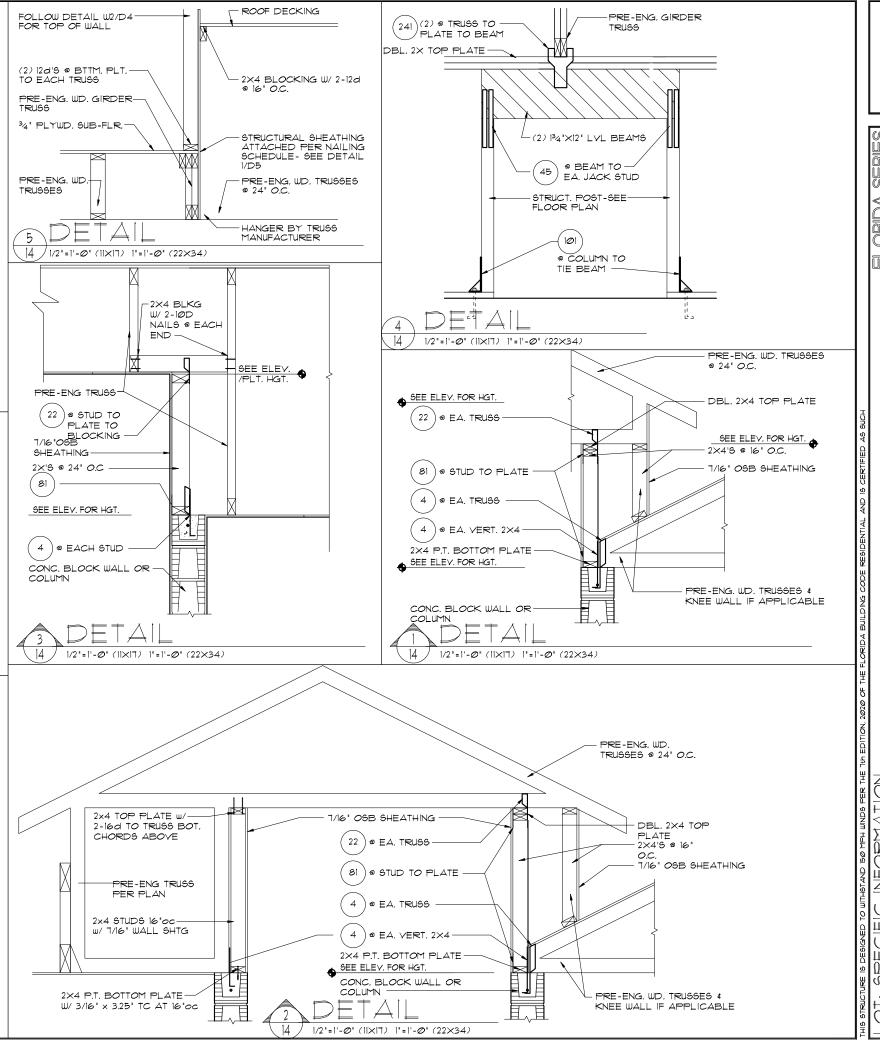
 The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d-away from the face of support.

8. For composite lintel heights not shown, use safe load from

next lower height.

9, All safe loads in units of pounds per linear foot.

8" PRECASI	WW/	Z R		:55 l		JR U			.S
			U	PLIF	T			LATERAL	
TYPE	8RF6-IT	8RFIØ-IT	8RF14-IT	SRF18-IT	SRF22-IT	8RF26-IT	8RF3Ø-IT		
LENGTH	8RF6-2T	8RF1Ø-2T	8RF14-2T	8RF18-2T	8F6F22-2T	8RF26-2T	8RF3Ø-2T	8RU6	8RF6
4'-4' (52') PRECAST	1244	1573	2413	3260	4112	4967	5825	932	022
4-4 (92 / PRECASI	1244	1519	2339	3170	4008	4850	5696	932	932
4'-6" (54") PRECAST	1192	15Ø7	2311	3121	3937	4756	5577		
4-0 (94) I-RECASI	1192	1455	2240	3Ø36	3837	4643	5453	853 8	853
EL GL (CGL) PDEC AGE	924*	11772	1795	2423	3Ø55	3689	4325	501	501
5'-8" (68") PRECAST	924	1132	1741	2351	2978	36Ø3	4230		
5'-10' (10') PRECAST	896+	1138	1742	2352	2965	3581	4198	469	469
5-10 (10) PRECASI	896	1099	1690	2288	2891	3497	4106	469	
6'-8' (80') PRECAST	STF	882	1513	2Ø42	2573	31Ø1	3642	830	1100
6-8 (80) FRECASI	375	956	1468	1987	25Ø9	3Ø35	3563		
71 41 (0.01) PPE 444	688	697	1325	1810	228@	2753	3227		941
1'-6' (90') PRECAST	688	849	13@2	1762	2225	2690	3157	7100	
9'-8" (116") PRECAST	533*	433	808	1123	1413	17Ø4	1995	516	
3-5 (III) PRECASI	533	527	1009	1369	I7128	2088	2450		614
*REDUCE	VALU	E BY 2	5% FO	R GRA	DE 40	FIELD	REB4	R	



REVISIONS

04-22-19

Engineering B TEG, INC. MICHAEL A. THOMP PE 47509 PHONE 407-721-3

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MARGATE

DATE Ø4-Ø5-2ØIT

SCALE AS NOTED

ØØ SHEETS

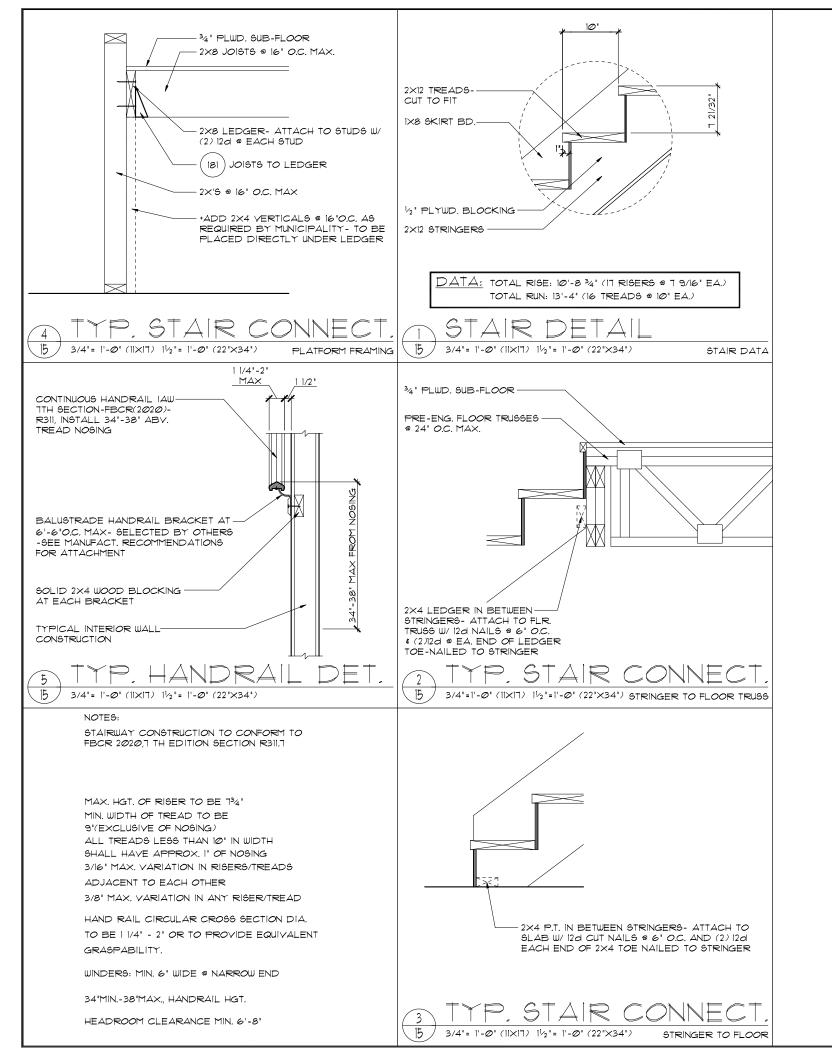
RAWN

JOB

SHEET

196

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The part Page Pag		SIMPSON		USP		M	1 4+ 150
HETAZIO 14-100 a 15" ETAZIO HILLION 1800 65 / 26							LAT. LDS. F1 / F2
1909							
Pit 8-86 x 1/2" Pit 8-86 x 1/2" Pit 8-86 x 1/2" Pit 8-86 x 1/2" Pit P	4	HETA2Ø	-	ETA2Ø		1,810	65 / 960
1985 LUBSE HDR. 4-1904 ST TRS 4-1904 ST TRS 5-1904 SS MA ST TRS 4-1404 ST TRS 5-1904 SS MA MA SS MA MA SS MA MA	22	H1ØS		RT16		990	585/525
14	23	LUS26		JUS26		935	N/A
FILT / STD: 62-8d FILT 58-3d FILT 58-3d FILT 58-3d FILT 58-3d FILT 58-3d FILT 58-3d 45 56 / 15 58 / 15 58 58 / 15 58 58 58 / 15 58 58 58 / 15 58 58 58 / 15 58 58 58 / 15 58 58 58 / 15 58 58 / 15 58 58 58 / 15 58 58 / 15 58 58 / 15 58 / 15 58 58 / 15 58 58 / 15 58 58 / 15 58 58 58 / 15 58 58 / 15 58 58 / 15 58	2.4	1.1=		DT1@		005	
35	24	# 1	PLT / STD: 10-8d	RIZO	PLT / STD: 13-10d	785	400 / N/A
38							150 / 150
1989				· ·			
MTSMILE BLK: (41)4/3/26 T.C. MTUBE BLK: (41)4/3/26 T.C. RSB5: (71) GG RSB5: (71) G			* * * * * * * * * * * * * * * * * * * *				
L91A L91A L91Ded L91A L91Ded Seb N/A N/A N/A N/A Seb S			BLK: (4)1/4"×21/4" T.C.		BLK: (4)1/4"×21/4" T.C.	,	
HGAID	43	I ST∆12		STΔ12	· · · · · · · · · · · · · · · · · · ·	905	N/Δ
## 14-16-0 STIB 14-16-0 STIB 14-16-0 12-00 N/A ## 14-16-16-0 STIB 14-16-0 12-00 N/A ## 15-16-0 12-16							
Hard						500	
Till MSTA36 26-10d MSTA36 26-10d N/A 5,495 N/A 1,495 N/A 5,495 N/A 1,495 N/A 5,495 N/A 1,495 N/A 5,495 N/A 1,495						,	
T2				-			
19						· ·	
89						· ·	
88							
## BCCLL.PRO \$17214 \$1760NS DRIVE N/A N/A \$1,835 N/A \$150							
88 CBSQ88 12 505 I/4X2'		ECCLL/RQ-	1/4"X21/2" STRONG DRIVE			M: 2835	\$1/A
CB66 (2) % BOLT6 PAB/8 4-10d 2300 985 90 ABU66 (2-16d 2-16d PAU66 12-16d 2240 N/A 91 CB5066 14-505 I/AX2' S.190 N/A 92 ABU44 12-16d PAU44 12-16d 2200 N/A 93 AC6 (MAX) 28-16d PB666 24-16d 18/15 1970 94 AC4 (MAX) 28-16d PB644 24-16d 18/15 1970 95 M74 24-16d 18/15 1970 95 M75/20 20-10d HTU20 20-16d 18/15 1970		<u> </u>		N/A	N/A		
90		131		D 400 :-	. 10 1		
91			· ·			· ·	
93				PAU66	12-160		
93				PAHAA	12-16-0		
94							
95							
99 A35							
102			H:4-8dx11/2"/P:4-8dx11/2"	MPAI			440 / N/A
103	101	HTT4	5/8" BOLT/ 18-16d×21/2"	N/A	N/A	3,640	N/A
104	1Ø2	HTT5	5⁄8" BOLT/ 26-1Ød	N/A	N/A	4,275	N/A
105	103	VGTR/L	32-6D6¼"×3"/(2) %" BLT	N/A	N/A	3,990	
BI							
184						· ·	
HUC4 @ BLOCK; @-\4, \x \b, \text{TC} Jo ST : \text{IC}- \text{IG} BLOCK; \text{IC}- \text{IG} All All All All All BLOCK; \text{IC}- \text{IG} All							
BLOCK: 20-16d JoiST: 6-16d Joi			BLOCK: 10-14"X11/2" TC			,	
214 HUC4 2 BLOCK, D-1 4 X 1 2 TC JO 5T : D-1 6 d JO	213	HSUR/L410	BLOCK: 20-16d	N/A		1300	N/A
215							
BLOCK: 0- 4 *X 2 * TC J0 ST : 0- 6d BLOCK: 0- 4 *X 2 * TC J0 ST : 0- 6d BLOCK: 0- 4 *X 2 * TC J0 ST : 0- 6d BLOCK: 0- 4 *X 2 * TC J0 ST : 0- 6d BLOCK: 0- 4 *X 2 * TC J0 ST : 0- 6d J0 ST :						·	
HUC94 2							
Husting Hust			JOIST : 10-16d			, i	
MBHA412 JOST: 18-10d NFM35X12U J:5-½" BOLTS 3,145 N/A	217	HUS212-2	JOIST : 10-16d	Hu5212-2	JOIST : 10-16d	2,630	N/A
MBHA3.56/16 Joist : 18-10d NFM3.5X16U Joist : (5) ½ 4 BOLT9 3,450 N/A	219	MBHA412	JOIST: 18-10d	NFM35×12U	J:5-1/2" BOLTS	3,145	N/A
Dist : 8- 0d Dist : 5- 0d Dist	231	MBHA3.56/16	JOIST : 18-10d	NFM3.5×16U	JOIST : (5) 1/2 " + BOLTS	3,450	N/A
242 LGT3 G: (12) SDS 1/4: X21/2" N/A W: (4) 3/6"X5" TITEN 2,365 N/A			JOIST : 18-10d		JOIST : (5) 1/2 " + BOLTS	, i	
243							
30 MGT (1) 34 BLT5/GIR: 22-10d N/A							
302 HGT-2 or 3 LTL:34"BLT5/GIR: 8-100 USC63 LTL:34"BLT5/GIR: 8-160 6485 N/A 303 HGT-4 LTL:34"BLT5/GIR: 16-100 N/A N/A 9,250 N/A 305 FGTR (2-PLY) TRUSS: 36 9D5 ½"X3" WALL:(4)½"X5" TITEN HD N/A N/A N/A 1,700 N/A 401 SUR/L414 FACE:18-16d/JST:8-16d N/A N/A N/A 1,700 N/A 501A LSU26 6-1004 - 5-1004X1½ N/A N/A N/A 535 N/A 501B LSSU28 10-1004 - 5-1004X1½ N/A N/A N/A 535 N/A 501C LSSU20 10-1004 - 1-1004X1½ N/A N/A N/A 875 N/A 502A LSU26 6-1004 - 5-1004X1½ N/A N/A 535 N/A 502B LSSU28 9-1004 - 5-1004X1½ N/A N/A N/A 535 N/A 502C LSSU210 9-1004 - 1-1004X1½ N/A N/A N/A 185 N/A 503 HRC22 6-1004X1½ N/A N/A N/A 290 N/A 504 VPA2 8-1004 - 2-1004X1½ N/A N/A 295 375/256					-		
303 HGT-4 LTL:34 'BLT5/GIR: 16-10a N/A N/A 9,250 N/A 305 FGTR (2-PLY) TRUSS: 36 SDS ½ 'X3' WALL:(4)½ 'X5' TITEN HD N/A N/A 1,700 N/A 401 SUR/L414 FACE:18-16d/JST:8-16d N/A N/A 1,700 N/A 501A LSU26 6-10a - 5-10ax1½ N/A N/A 535 N/A 501B LSSU28 10-10a - 5-10ax1½ N/A N/A 535 N/A 501C LSSU20 10-10a - 5-10ax1½ N/A N/A 535 N/A 502A LSU26 6-10a - 5-10ax1½ N/A N/A 535 N/A 502B LSSU28 3-10a - 5-10ax1½ N/A N/A 535 N/A 502C LSSU20 9-10a - 1-10ax1½ N/A N/A 185 N/A 502C LSSU20 9-10a - 1-10ax1½ N/A N/A 185 N/A 503 HRC22 6-10ax1½ N/A N/A 185 N/A 504 VPA2 8-10a - 2-10ax1½ N/A N/A 290 N/A						-	
Mail			LTL:34				
501A LSU26 6-I@d - 5-I@dXI½ N/A N/A 535 N/A 50IB LSSU28 I@-I@d - 5-I@dXI½ N/A N/A N/A 535 N/A 5@IC LSSU2I@ I@-I@d - 1-I@dXI½ N/A N/A N/A 815 N/A 5@2A LSU26 6-I@d - 5-I@dXI½ N/A N/A N/A 535 N/A 5@2B LSSU28 9-I@d - 5-I@dXI½ N/A N/A N/A 45@ N/A 5@2C LSSU2I@ 9-I@d - 1-I@dXI½ N/A N/A N/A 785 N/A 5@3 HRC22 6-I@dXI½ -2-I@dXI½ N/A N/A N/A 29@ N/A 5@4 VPA2 8-I@d - 2-I@dXI½ N/A N/A N/A N/A 295 315/256			WALL:(4)1/2 "X5" TITEN HD				
5Ø1B L\$6028 1Ø-1Ød - 5-1ØdX1½ N/A N/A N/A 535 N/A 5Ø1C L\$6021Ø 1Ø-1Ød - 1-1ØdX1½ N/A N/A N/A 815 N/A 5Ø2A L\$0126 6-1Ød - 5-1ØdX1½ N/A N/A N/A 535 N/A 5Ø2B L\$6028 9-1Ød - 5-1ØdX1½ N/A N/A N/A 45Ø N/A 5Ø2C L\$6021Ø 9-1Ød - 1-1ØdX1½ N/A N/A N/A 185 N/A 5Ø3 HRC22 6-1ØdX1½ -2-1ØdX1½ N/A N/A N/A 29Ø N/A 5Ø4 VPA2 8-1Ød - 2-1ØdX1½ N/A N/A N/A 295 315/260						-	
5ØIC L\$S\$U2IØ IØ-IØd - T-IØdXI½ N/A N/A 875 N/A 5Ø2A L\$U26 6-IØd - 5-IØdXI½ N/A N/A N/A 535 N/A 5Ø2B L\$9U28 9-IØd - 5-IØdXI½ N/A N/A N/A 45Ø N/A 5Ø2C L\$9U2IØ 9-IØd - T-IØdXI½ N/A N/A N/A 785 N/A 5Ø3 HRC22 6-IØdXI½ -2-IØdXI½ N/A N/A N/A 29Ø N/A 5Ø4 VPA2 8-IØd - 2-IØdXI½ N/A N/A N/A 295 375/256							
502A L\$U26 6-I@d - 5-I@dXI½ N/A N/A 535 N/A 502B L\$\$U28 9-I@d - 5-I@dXI½ N/A N/A N/A 45@ N/A 5@2C L\$\$U2I@ 9-I@d - 1-I@dXI½ N/A N/A N/A 785 N/A 5@3 HRC22 6-I@dXI½ -2-I@dXI½ N/A N/A N/A 29@ N/A 5@4 VPA2 8-I@d - 2-I@dXI½ N/A N/A N/A 295 375/256							
502B L\$SU28 9-IØd - 5-IØdXI½ N/A N/A 45Ø N/A 502C L\$SU2IØ 9-IØd - 1-IØdXI½ N/A N/A N/A 185 N/A 5Ø3 HRC22 6-IØdXI½ -2-IØdXI½ N/A N/A N/A 29Ø N/A 5Ø4 VPA2 8-IØd - 2-IØdXI½ N/A N/A N/A 295 315/256							
502C L\$6U2IØ 9-IØd - 7-IØdXIV2 N/A N/A T85 N/A 5Ø3 HRC22 6-IØdXIV2 - 2-IØdXIV2 N/A N/A N/A 29Ø N/A 5Ø4 VPA2 8-IØd - 2-IØdXIV2 N/A N/A N/A 29Ø 375/25Ø							
5Ø3 HRC22 6-lØdXl 1 2 - 2-lØdXl 1 2 N/A N/A 29Ø N/A 5Ø4 VPA2 8-lØd - 2-lØdXl 1 2 N/A N/A 295 375/256			· ·				
504 VPA2 8-10d - 2-10dX11/2 N/A N/A 295 375/256							
							375/25Ø
- 1 1 1 1 1 1 1 1 1 1	5Ø5	HCP2	6-10d×11/2 - 6-10d×11/2	N/A	N/A	645	N/A

04-22-19 Ä CONNEC

DATA / SCHE

MARGATE II

BONUS

DATE Ø4-Ø5-2Ø17 SCALE AS NOTED

JOB SHEET

OF ØØ SHEETS

