4792 (D,E,F)

THE EL DORADO

NAPA SERIES

57'4 X 58'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	03-10-16	-RELOCATE DR IN BATH #3	MW
2	02-16-18	-UPDATE - 2017 CODE - ELEV A	MW
3	02-16-18	-UPDATE - 2017 CODE - ELEV B	AN
4	08-19-19	- REPLACE BI-FOLD CLOSET DRS W/BALL CATCHES	MW

SHEET INDEX- ELEVATION "D"

00	COVER SHEET
01D.0	FOUNDATION PLAN
01D.1	FOUNDATION PLAN- OPT. LANAI
02D.0	FLOOR PLAN W/ DIMENSIONS
02D.1	FLOOR PLAN W/ DIMENSIONS- OPT. LANAI
03D.0	FLOOR PLAN W/ NOTES
03D.1	FLOOR PLAN W/ NOTES- OPT. LANAI
04D.0	UPPER FLOOR PLAN W/ DIMENSIONS
04D.1	UPPER FLOOR PLAN W/ DIMEN.- OPT. LANAI
05D.0	UPPER FLOOR PLAN W/ NOTES
05D.1	UPPER FLOOR PLAN W/ NOTES- OPT. LANAI
06D.0	EXTERIOR ELEVATIONS- FRONT/ REAR
06D.1	EXTERIOR ELEVS.- FRONT/REAR- OPT. LANAI
07D.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
07D.1	EXTERIOR ELEVS.- LEFT/ RIGHT- OPT. LANAI
08	CROSS SECTION AND INTERIOR ELEVATIONS
09.0	ELECTRICAL PLAN
09.1	ELECTRICAL PLAN- OPT. LANAI
10	UPPER ELECTRICAL PLAN
11D.0	TRUSS LAYOUT
11D.1	TRUSS LAYOUT- OPT. LANAI
12D.0	UPPER TRUSS LAYOUT
12D.1	UPPER TRUSS LAYOUT- OPT. LANAI
13D.0	PRECAST LINTEL LAYOUT
13D.1	PRECAST LINTEL LAYOUT - OPT. LANAI
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2.0	TYPICAL STRUCTURAL DETAILS
D2.1	TYPICAL STRUCTURAL DETAILS- 1-HR RATED
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

SHEET INDEX- ELEVATION "E"

00	COVER SHEET
01E.0	FOUNDATION PLAN
01E.1	FOUNDATION PLAN- OPT. LANAI
02E.0	FLOOR PLAN W/ DIMENSIONS
02E.1	FLOOR PLAN W/ DIMENSIONS- OPT. LANAI
03E.0	FLOOR PLAN W/ NOTES
03E.1	FLOOR PLAN W/ NOTES- OPT. LANAI
04E.0	UPPER FLOOR PLAN W/ DIMENSIONS
04E.1	UPPER FLOOR PLAN W/ DIMEN.- OPT. LANAI
05E.0	UPPER FLOOR PLAN W/ NOTES
05E.1	UPPER FLOOR PLAN W/ NOTES- OPT. LANAI
06E.0	EXTERIOR ELEVATIONS- FRONT/ REAR
06E.1	EXTERIOR ELEVS.- FRONT/REAR- OPT. LANAI
07E.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
07E.1	EXTERIOR ELEVS.- LEFT/ RIGHT- OPT. LANAI
08	CROSS SECTION AND INTERIOR ELEVATIONS
09.0	ELECTRICAL PLAN
09.1	ELECTRICAL PLAN- OPT. LANAI
10	UPPER ELECTRICAL PLAN
11E.0	TRUSS LAYOUT
11E.1	TRUSS LAYOUT- OPT. LANAI
12E.0	UPPER TRUSS LAYOUT
12E.1	UPPER TRUSS LAYOUT- OPT. LANAI
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13E.1	PRECAST LINTEL LAYOUT - OPT. LANAI
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2.0	TYPICAL STRUCTURAL DETAILS
D2.1	TYPICAL STRUCTURAL DETAILS- 1-HR RATED
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

SHEET INDEX- ELEVATION "F"

00	COVER SHEET
01F.0	FOUNDATION PLAN
01F.1	FOUNDATION PLAN- OPT. LANAI
02F.0	FLOOR PLAN W/ DIMENSIONS
02F.1	FLOOR PLAN W/ DIMENSIONS- OPT. LANAI
03F.0	FLOOR PLAN W/ NOTES
03F.1	FLOOR PLAN W/ NOTES- OPT. LANAI
04F.0	UPPER FLOOR PLAN W/ DIMENSIONS
04F.1	UPPER FLOOR PLAN W/ DIMEN.- OPT. LANAI
05F.0	UPPER FLOOR PLAN W/ NOTES
05F.1	UPPER FLOOR PLAN W/ NOTES- OPT. LANAI
06F.0	EXTERIOR ELEVATIONS- FRONT/ REAR
06F.1	EXTERIOR ELEVS.- FRONT/REAR- OPT. LANAI
07F.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
07F.1	EXTERIOR ELEVS.- LEFT/ RIGHT- OPT. LANAI
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09.0	ELECTRICAL PLAN
09.1	ELECTRICAL PLAN- OPT. LANAI
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12F.0	UPPER TRUSS LAYOUT
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D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2017 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

NAPA SERIES

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REVISIONS	BY
04-06-18	AN

Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

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

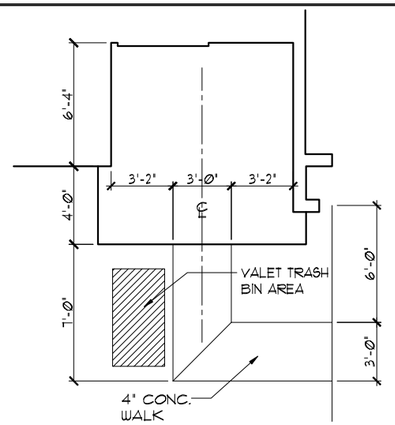
COVER SHEET

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	00
OF	SHEETS

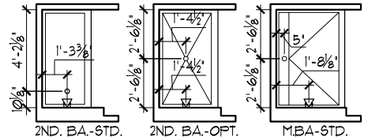


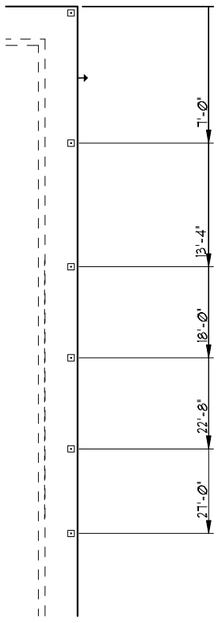
SIDEWALK LAYOUT

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

FOUNDATION NOTES

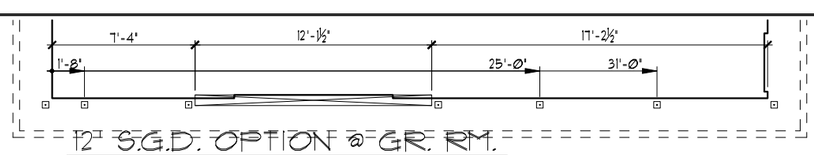
1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. ⊡ DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5 REBAR. GRADE 60
3. ■ DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5 REBAR. GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
6. ▨ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
7. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
8. (X/X) STANDARD 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.
11. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORDA BUILDING CODE.
12. TYP. TUB/SHWR. VALVE & DRAIN LOCATIONS





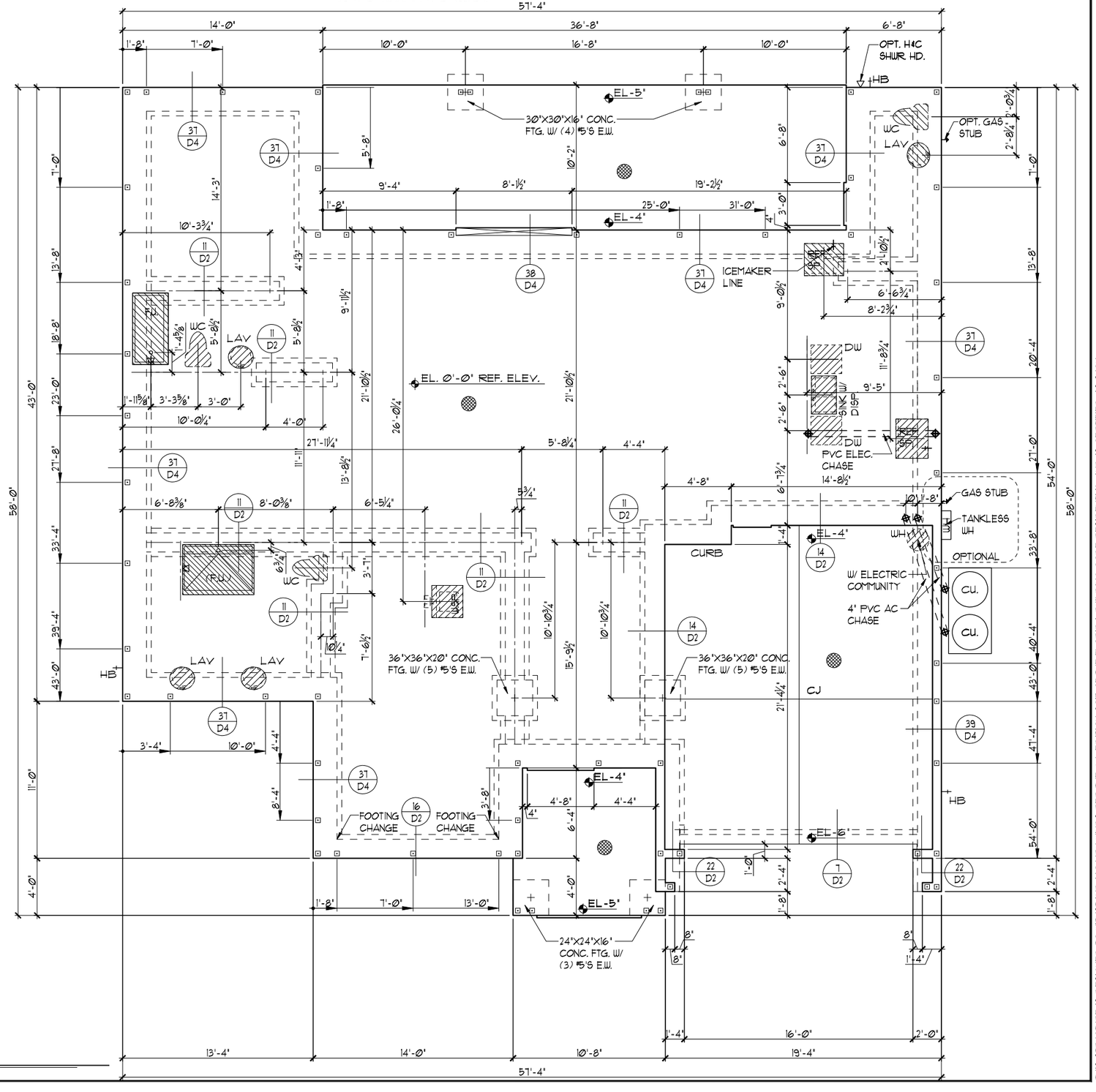
GLS. BLK. OPT.

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



12" S.G.D. OPTION @ GR. RM.

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



FOUNDATION PLAN "D"

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NAPA SERIES

REVISIONS	BY
04-06-18	AN

Engineering By:
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Park Square HOMES

FOUNDATION PLAN

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	01D.0
OF	SHEETS

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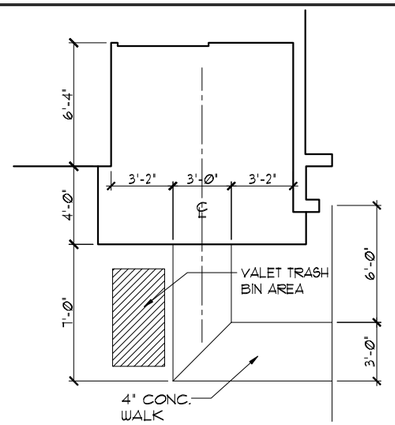

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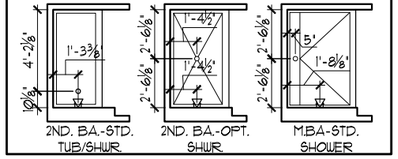

12" S.G.D. OPTION @ GR. RM.

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

GLS. BLK. OPT.

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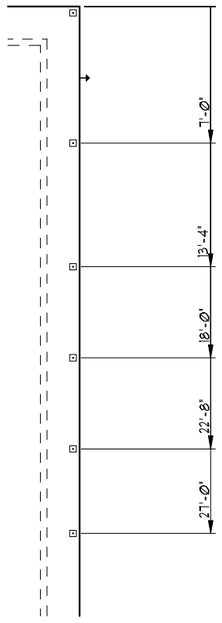
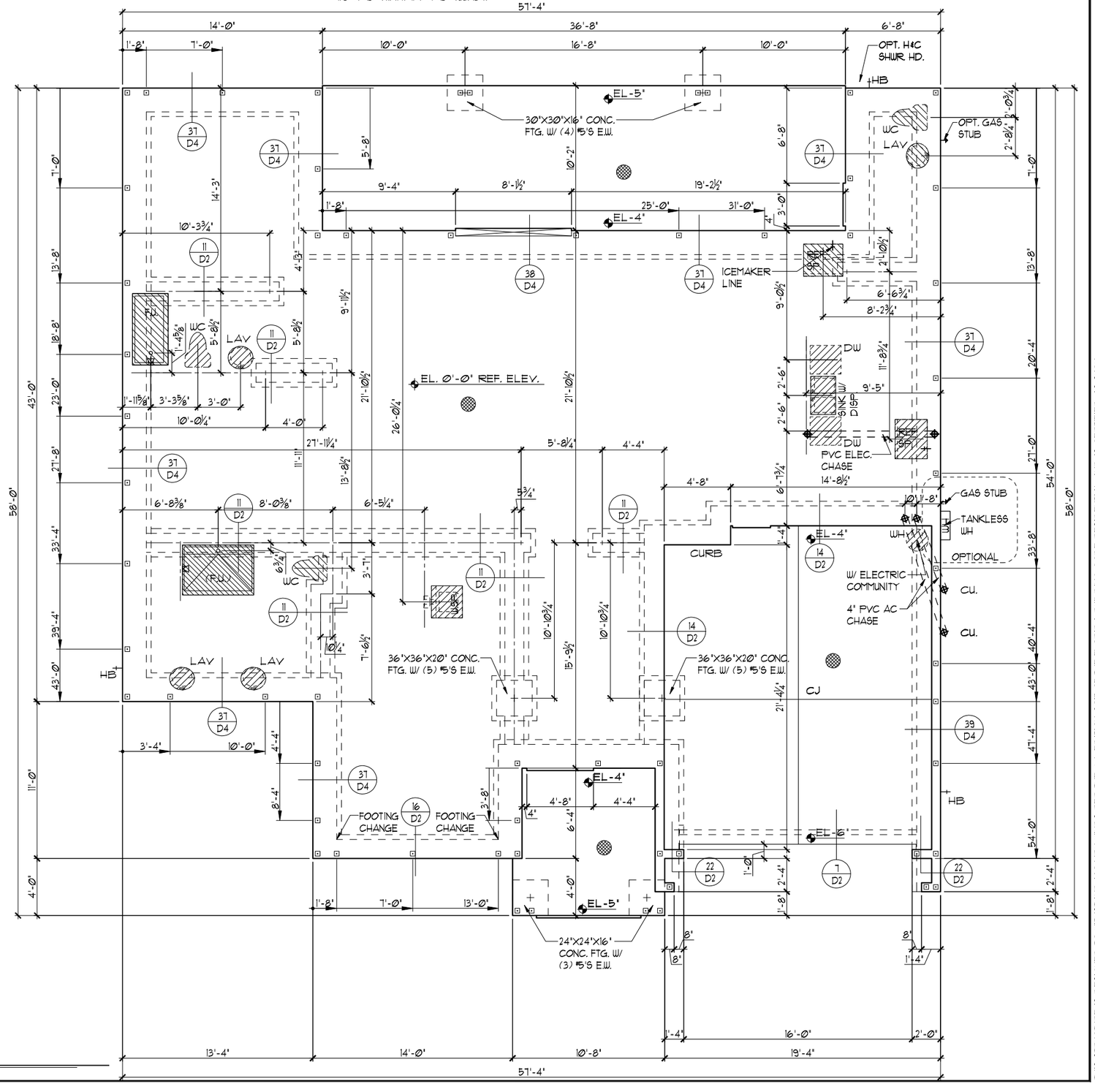


FOUNDATION PLAN "E"

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



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REVISIONS	BY
04-06-18	AN

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Park Square HOMES

FOUNDATION PLAN

THE EL DORADO

NAPA SERIES

4792

DATE	Ø2-Ø1-16
SCALE	AS NOTED
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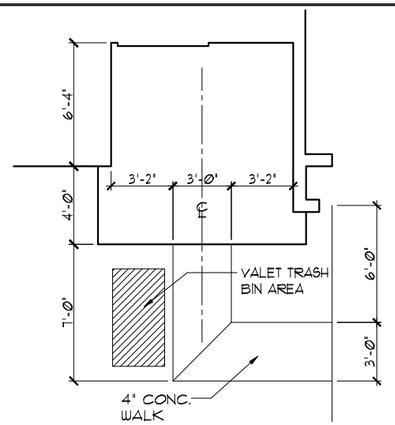

SIDEWALK LAYOUT

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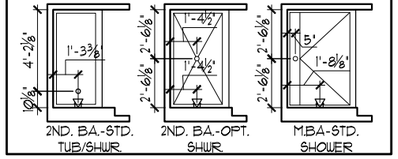
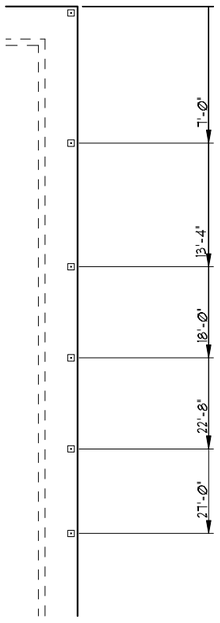


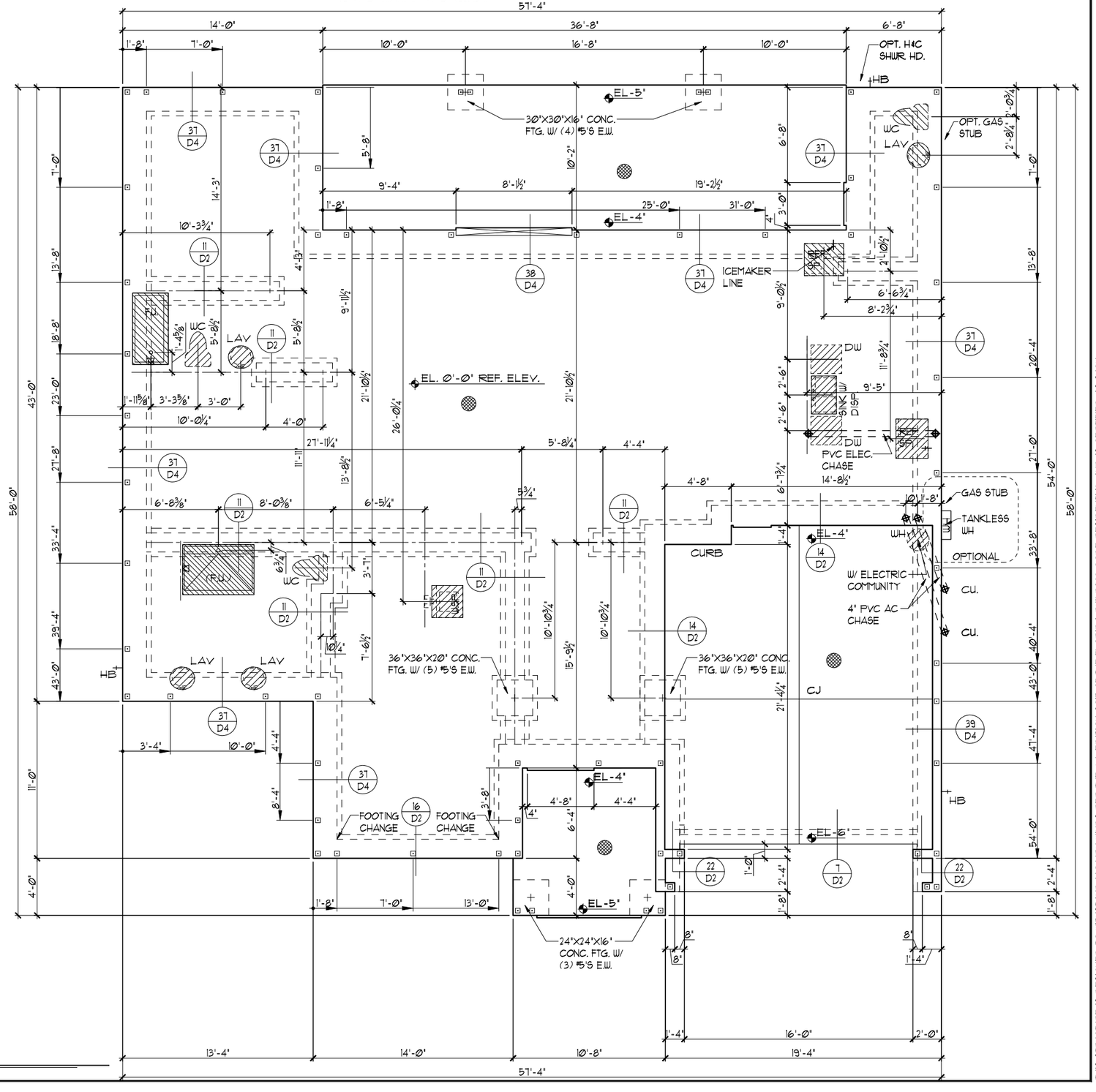


GLS. BLK. OPT.

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

12" S.G.D. OPTION @ GR. RM.

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



FOUNDATION PLAN "F"

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04-06-18	AN

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FOUNDATION PLAN

THE EL DORADO

NAPA SERIES

4792

DATE	Ø2-Ø1-16
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SHEET	01F.0
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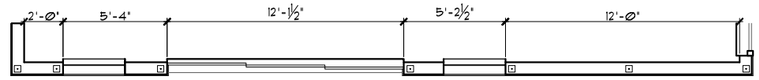
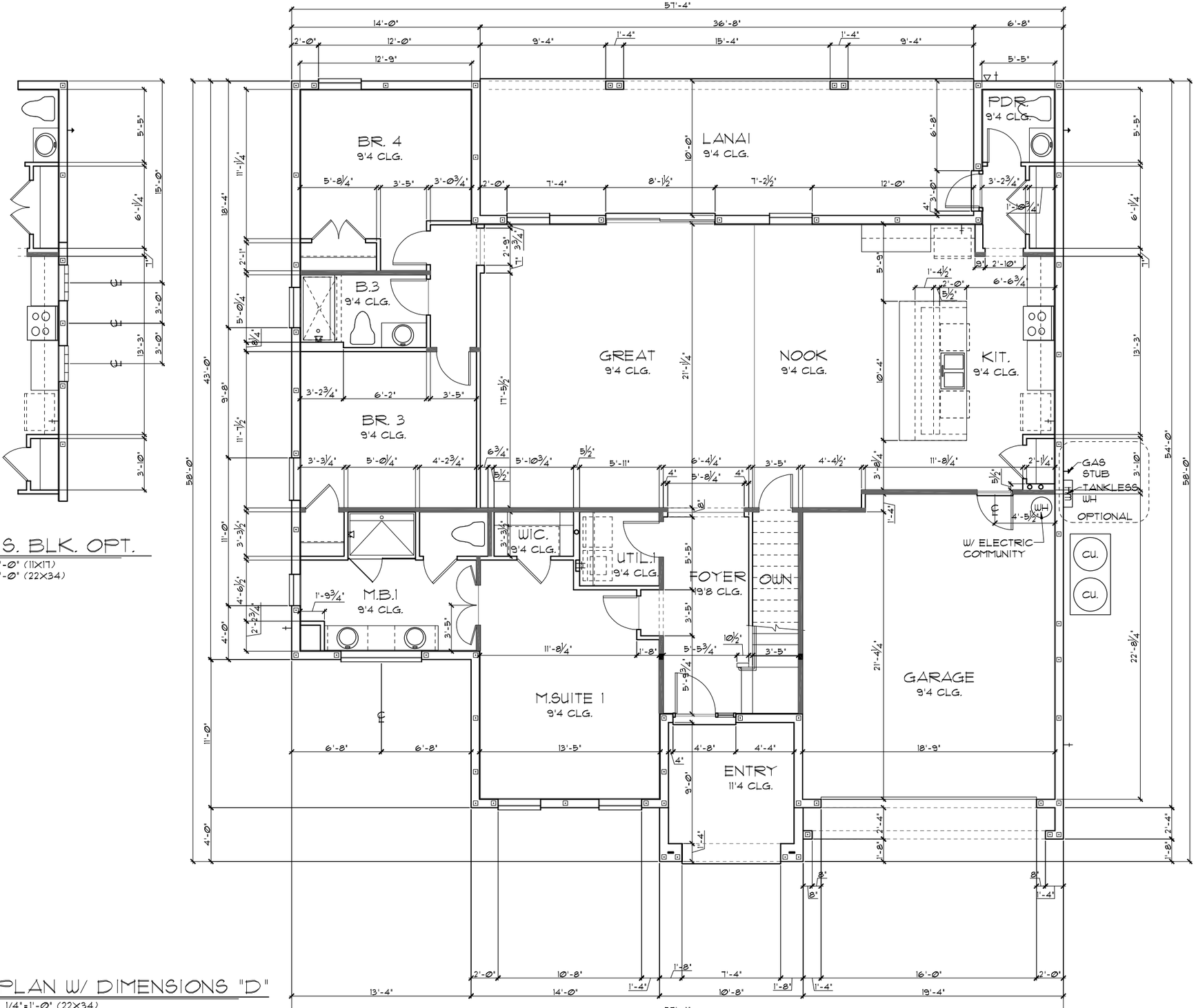


12' S.G.D. OPTION @ GR. RM.

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



GLS. BLK. OPT.

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

TABULATION		
UPPER LIVING	2,718	SF.
LOWER LIVING	2074	SF.
TOTAL LIVING	4,792	SF.
GARAGE	450	SF.
ENTRY	147	SF.
LANAI	367	SF.
TOTAL UNDER ROOF	5,756	SF.

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

FLOOR PLAN W/ DIMENSIONS "D"

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

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THE EL DORADO
NAPA SERIES

FLOOR PLAN W/ DIMENSIONS

4792

DATE 02-01-16
SCALE AS NOTED
DRAWN RDC
JOB 4792
SHEET 02D.0
OF SHEETS

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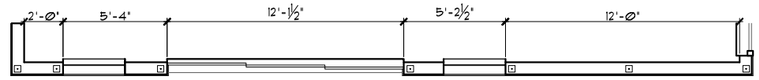
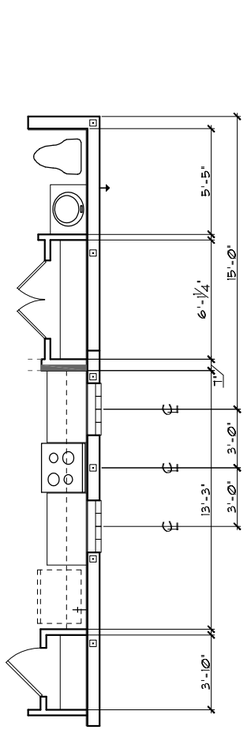


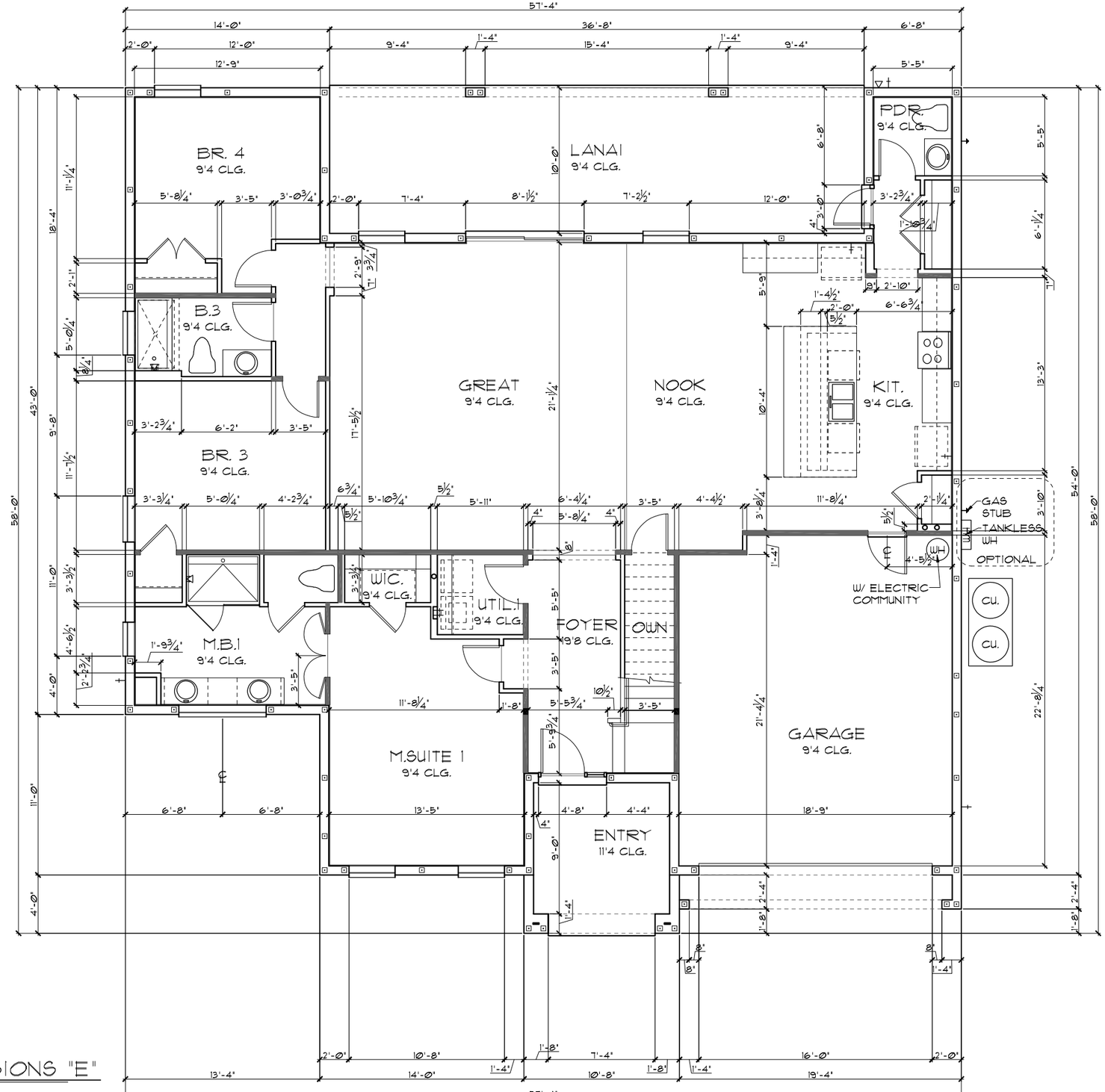
12' S.G.D. OPTION @ GR. RM.

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



GLS. BLK. OPT.

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



TABULATION		
UPPER LIVING	2,718	SF.
LOWER LIVING	2074	SF.
TOTAL LIVING	4,792	SF.
GARAGE	450	SF.
ENTRY	147	SF.
LANAI	367	SF.
TOTAL UNDER ROOF	5,756	SF.

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

FLOOR PLAN W/ DIMENSIONS "E"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2017 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

NAPA SERIES

REVISIONS	BY
04-06-18	AN

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Park Square HOMES

THE EL DORADO
NAPA SERIES

FLOOR PLAN W/ DIMENSIONS

4792

DATE 02-01-16
SCALE AS NOTED
DRAWN RDC
JOB 4792
SHEET 02E.0
OF SHEETS

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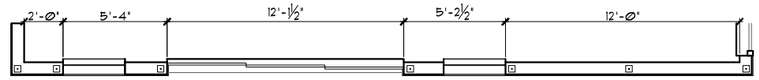

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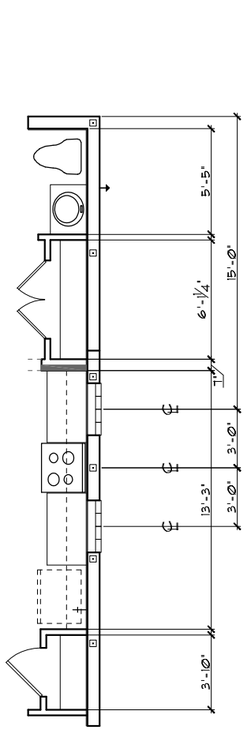
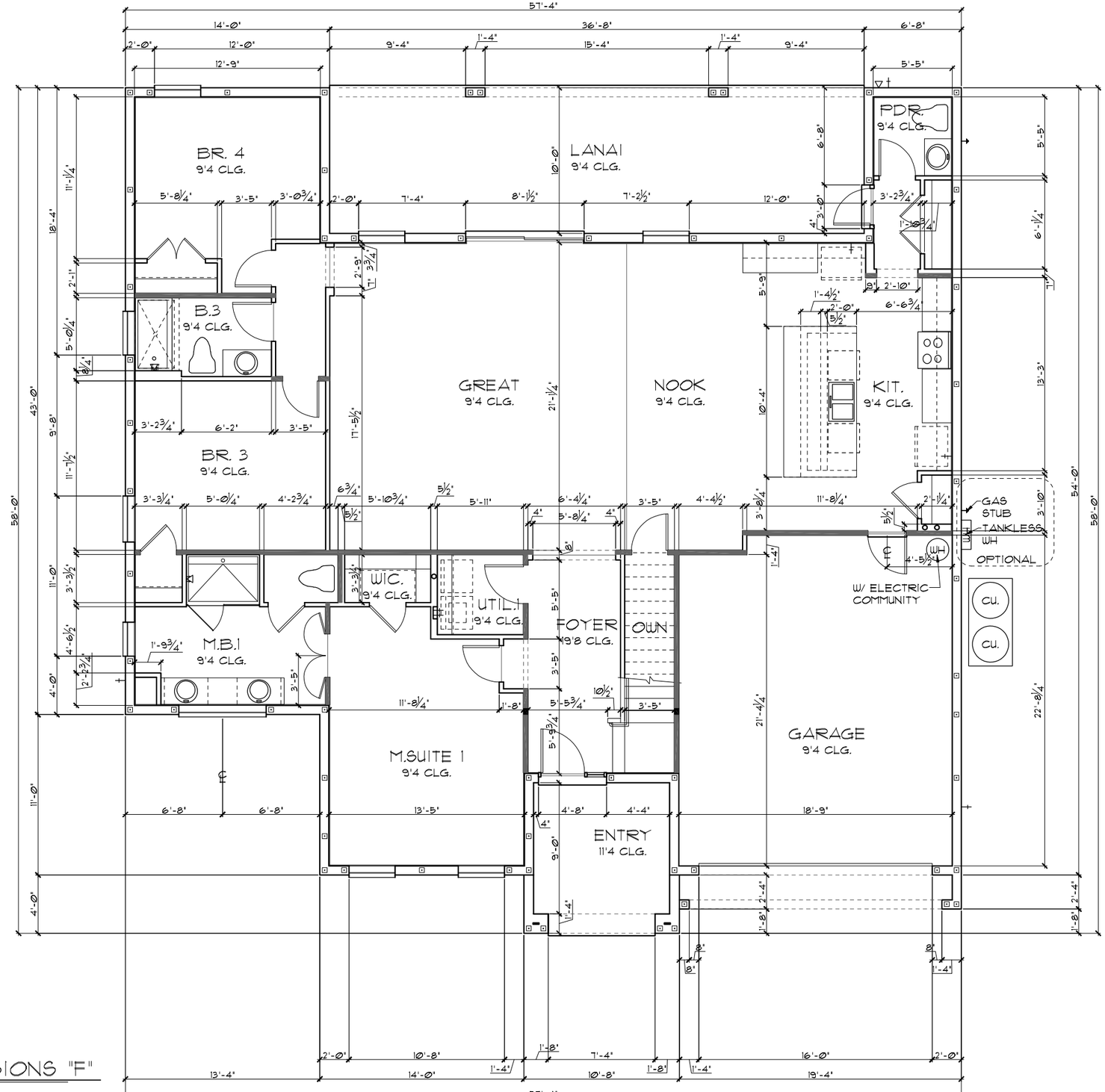
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



GLS. BLK. OPT.

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



FLOOR PLAN W/ DIMENSIONS "F"

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

TABULATION		
UPPER LIVING	2,718	SF.
LOWER LIVING	2074	SF.
TOTAL LIVING	4,792	SF.
GARAGE	450	SF.
ENTRY	147	SF.
LANAI	367	SF.
TOTAL UNDER ROOF	5,756	SF.

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

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NAPA SERIES

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Park Square HOMES

THE EL DORADO
NAPA SERIES

FLOOR PLAN W/ DIMENSIONS

4792

DATE 02-01-16
SCALE AS NOTED
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NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

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

FLOOR LIVE LOADS

RESIDENTIAL FLOOR: 40 PSF

STAIR LIVE LOAD: 40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. WIND IMPORTANCE FACTOR: N/A
3. BUILDING CATEGORY: B
4. INTERNAL PRESSURE +/-.18, INCLUDED COEFFICIENT: IN NOTE #5
5. COMPONENT / CLADDING SEE PLAN DESIGN WIND PRESSURE:

+	XXX
-	XXX

   DESIGN WIND PRESSURE IAW FLA RESIDENTIAL CODE, SECTION R301

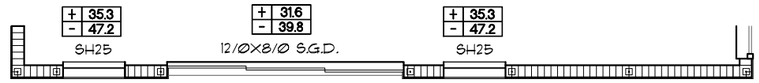
   NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

GENERAL NOTES

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU EXTERIOR WALL.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ 9'-4" A.F.F.

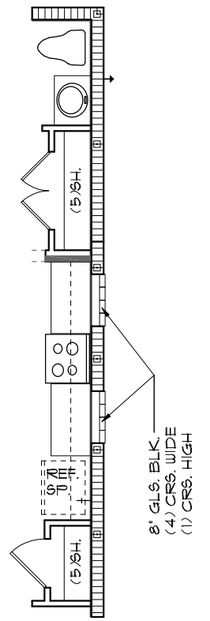
   DENOTES CONC. BLOCK WALL HGT. @ 11'-4" A.F.F.
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 307.3 + 1307.3.1
10. ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.

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



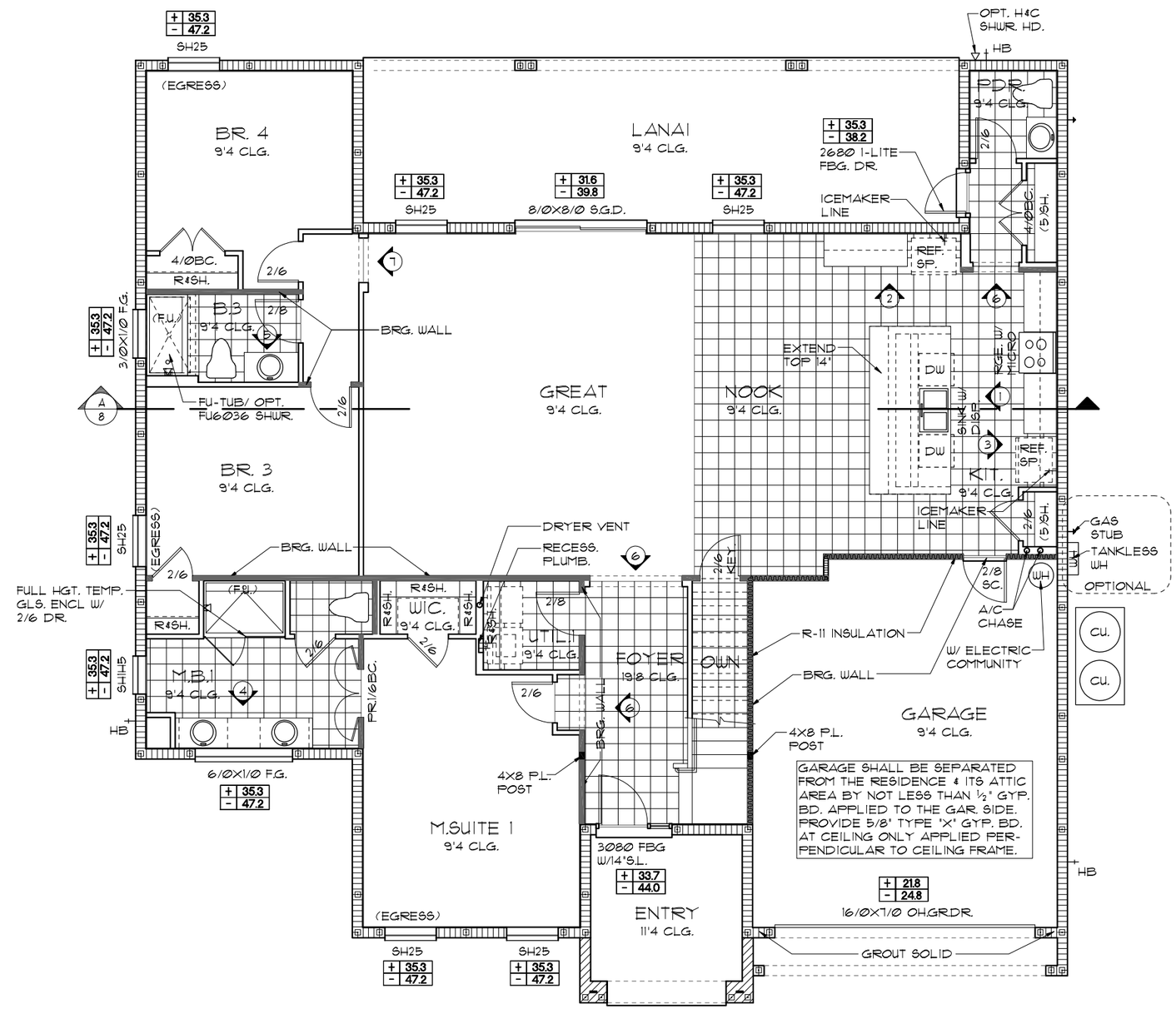
12' S.G.D. OPTION @ GR. RM.

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



GLS. BLK. OPT.

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



FLOOR PLAN W/ NOTES "D"

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

NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" U.N.O.

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Park Square HOMES

FLOOR PLAN W/ NOTES

THE EL DORADO
NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	03D.0
OF	SHEETS

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

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

FLOOR LIVE LOADS

RESIDENTIAL FLOOR: 40 PSF

STAIR LIVE LOAD: 40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

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3. BUILDING CATEGORY: B
4. INTERNAL PRESSURE COEFFICIENT: +/-.18, INCLUDED IN NOTE #5
5. COMPONENT / CLADDING DESIGN WIND PRESSURE: SEE PLAN

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

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

GENERAL NOTES

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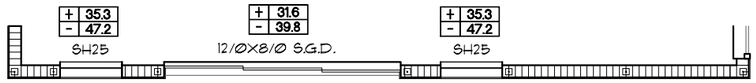
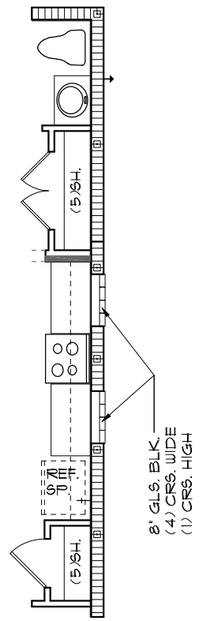
   DENOTES CONC. BLOCK WALL HGT. @ 11'-4" A.F.F.
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 307.3 + 1307.3.1
10. ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.

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



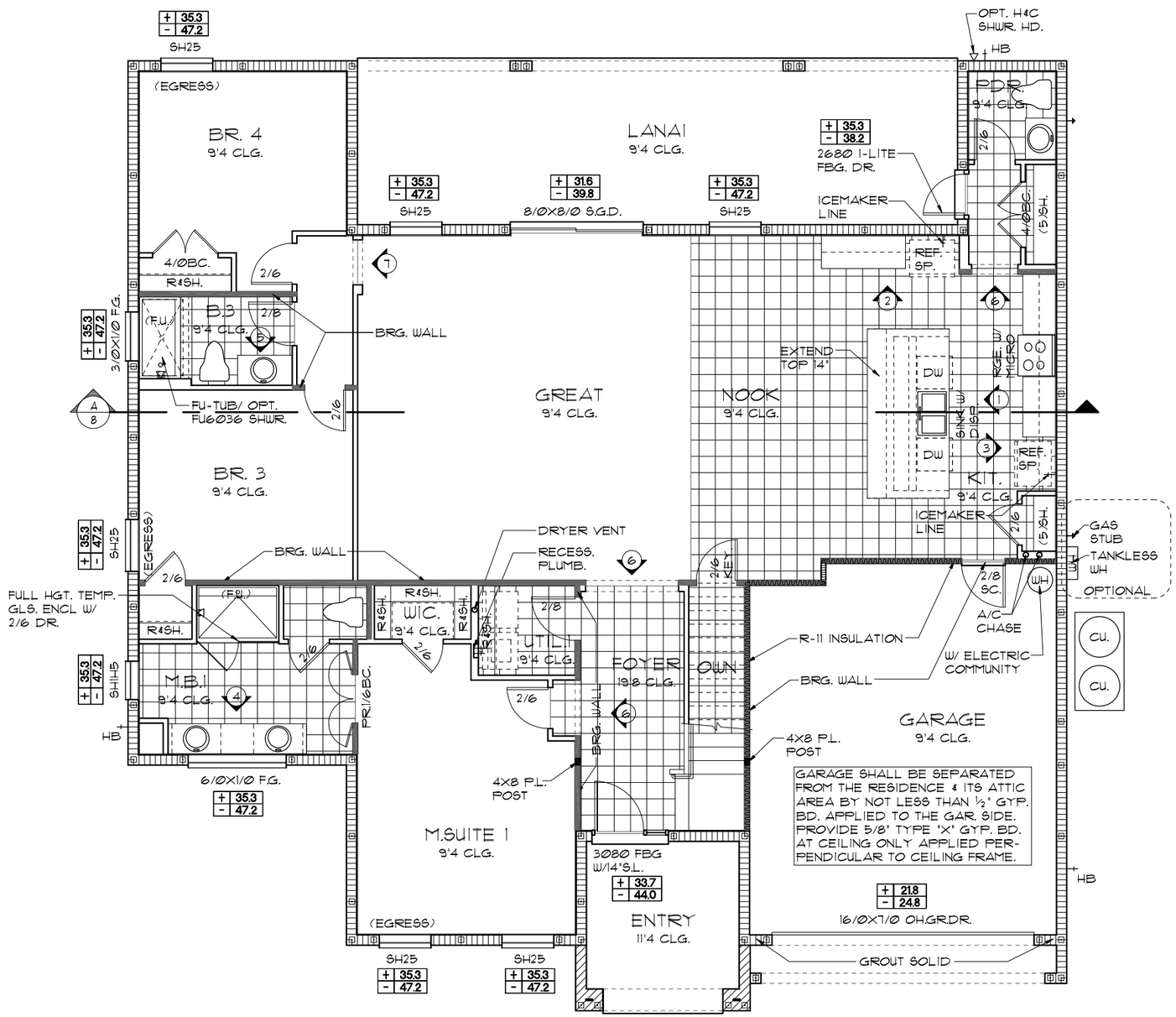
12' S.G.D. OPTION @ GR. RM.

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



GLS. BLK. OPT.

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



FLOOR PLAN W/ NOTES "E"

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

NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" U.N.O.

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Park Square HOMES

FLOOR PLAN W/ NOTES

THE EL DORADO
NAPA SERIES

4792

DATE 02-01-16
SCALE AS NOTED
DRAWN RDC
JOB 4792
SHEET 03E.0
OF SHEETS

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

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

FLOOR LIVE LOADS

RESIDENTIAL FLOOR: 40 PSF

STAIR LIVE LOAD: 40 PSF

ROOF LIVE LOADS

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

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WIND INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

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2. WIND IMPORTANCE FACTOR: N/A
3. BUILDING CATEGORY: B
4. INTERNAL PRESSURE +/-.18, INCLUDED COEFFICIENT: IN NOTE #5
5. COMPONENT / CLADDING SEE PLAN DESIGN WIND PRESSURE:

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

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

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   DENOTES CONC. BLOCK WALL HGT. @ 11'-4" A.F.F.
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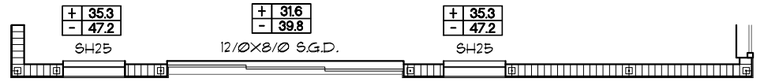
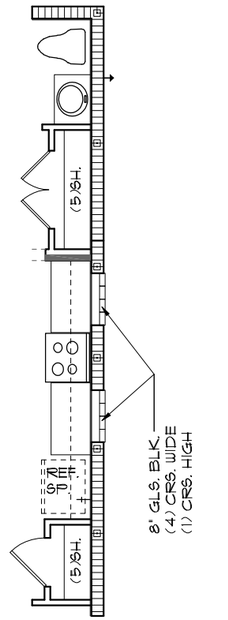
    ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.



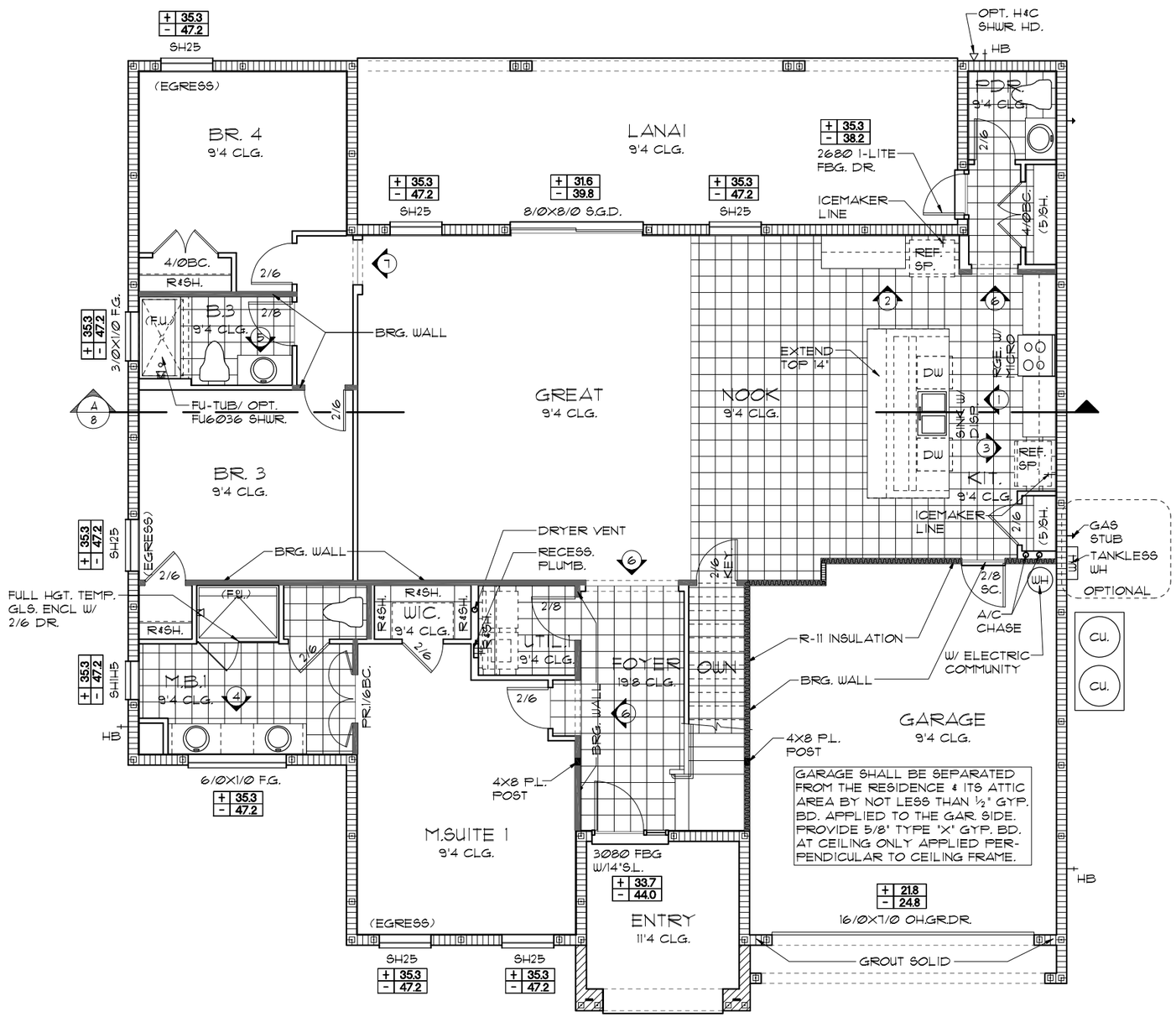
12' S.G.D. OPTION @ GR. RM.

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



GLS. BLK. OPT.

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



FLOOR PLAN W/ NOTES "F"

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

NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" U.N.O.

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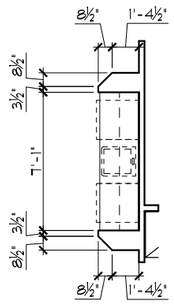
Park Square HOMES

FLOOR PLAN W/ NOTES

THE EL DORADO
NAPA SERIES

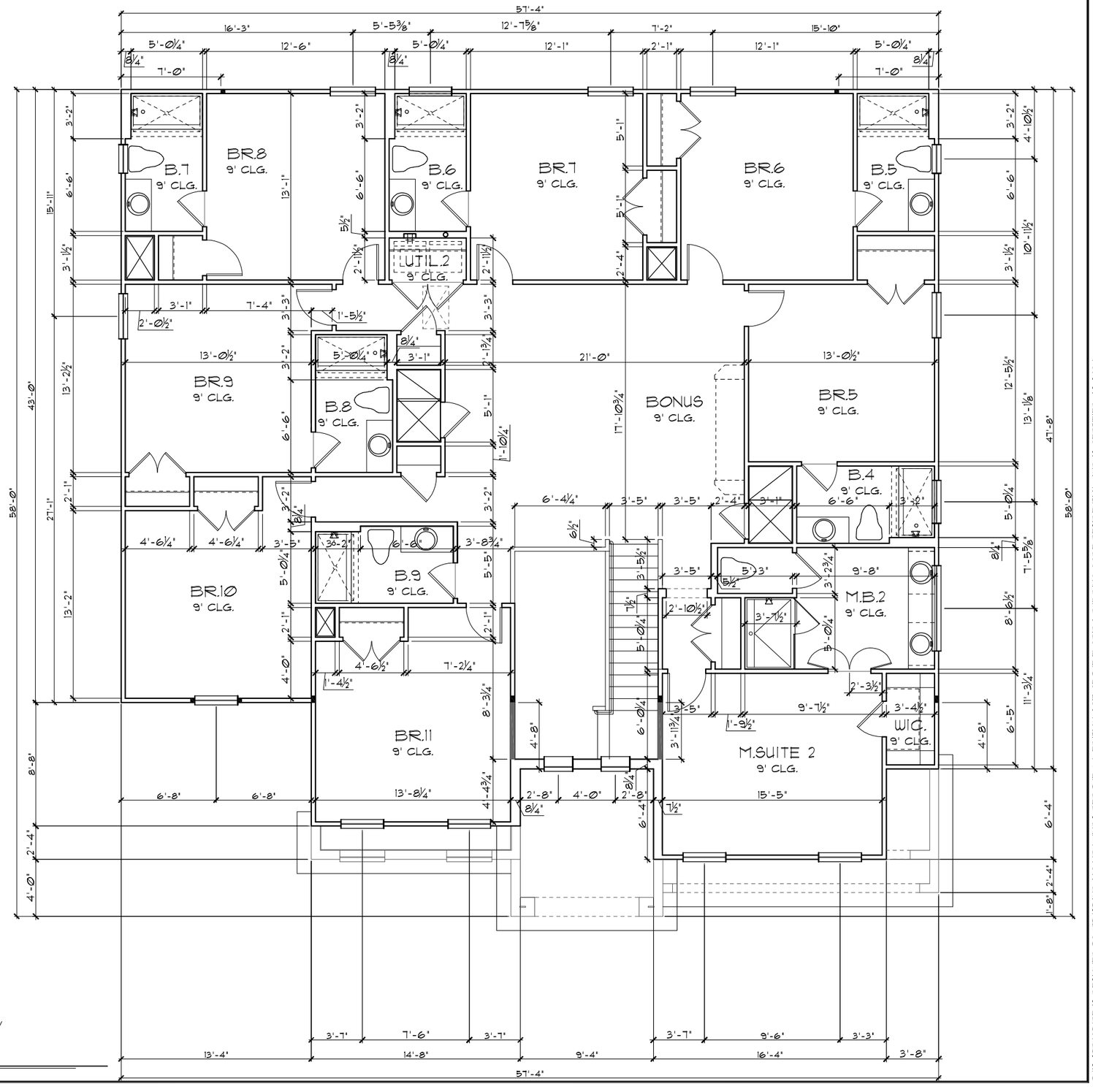
4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	03F.0
OF	SHEETS



WET BAR OPTION @ BONUS

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



UPPER FLOOR PLAN W/ DIMENSIONS "D"

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

GENERAL NOTES

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2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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NAPA SERIES

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04-06-18	AN

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Park Square HOMES

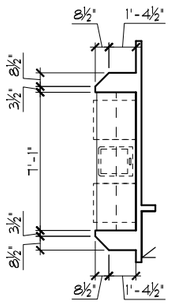
UPPER FLOOR PLAN W/ DIMENSIONS

THE EL DORADO

NAPA SERIES

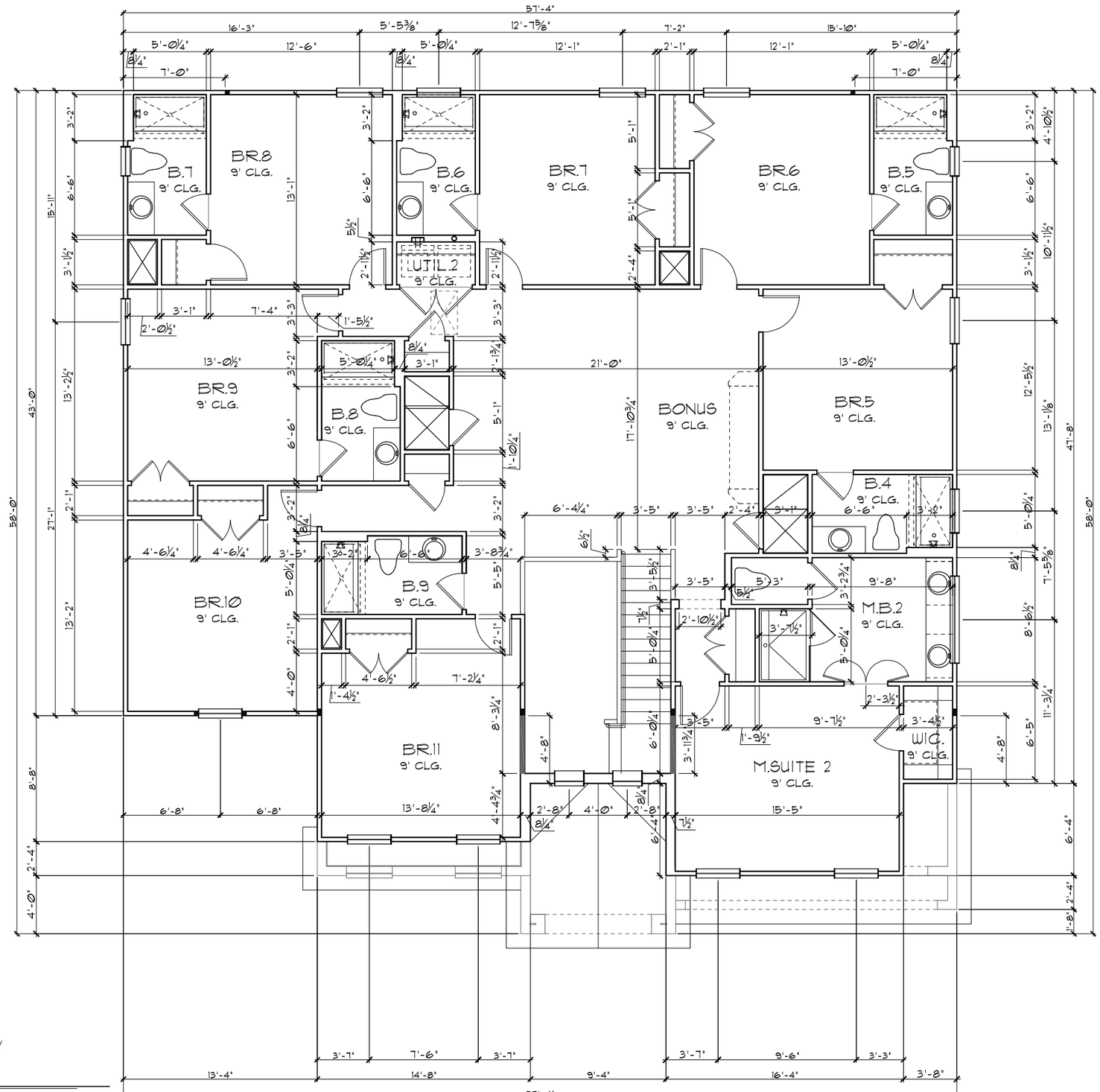
4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	04D.0
OF	SHEETS



WET BAR OPTION @ BONUS

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



UPPER FLOOR PLAN W/ DIMENSIONS "E"

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

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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UPPER FLOOR PLAN W/ DIMENSIONS

THE EL DORADO

NAPA SERIES

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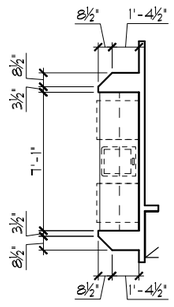
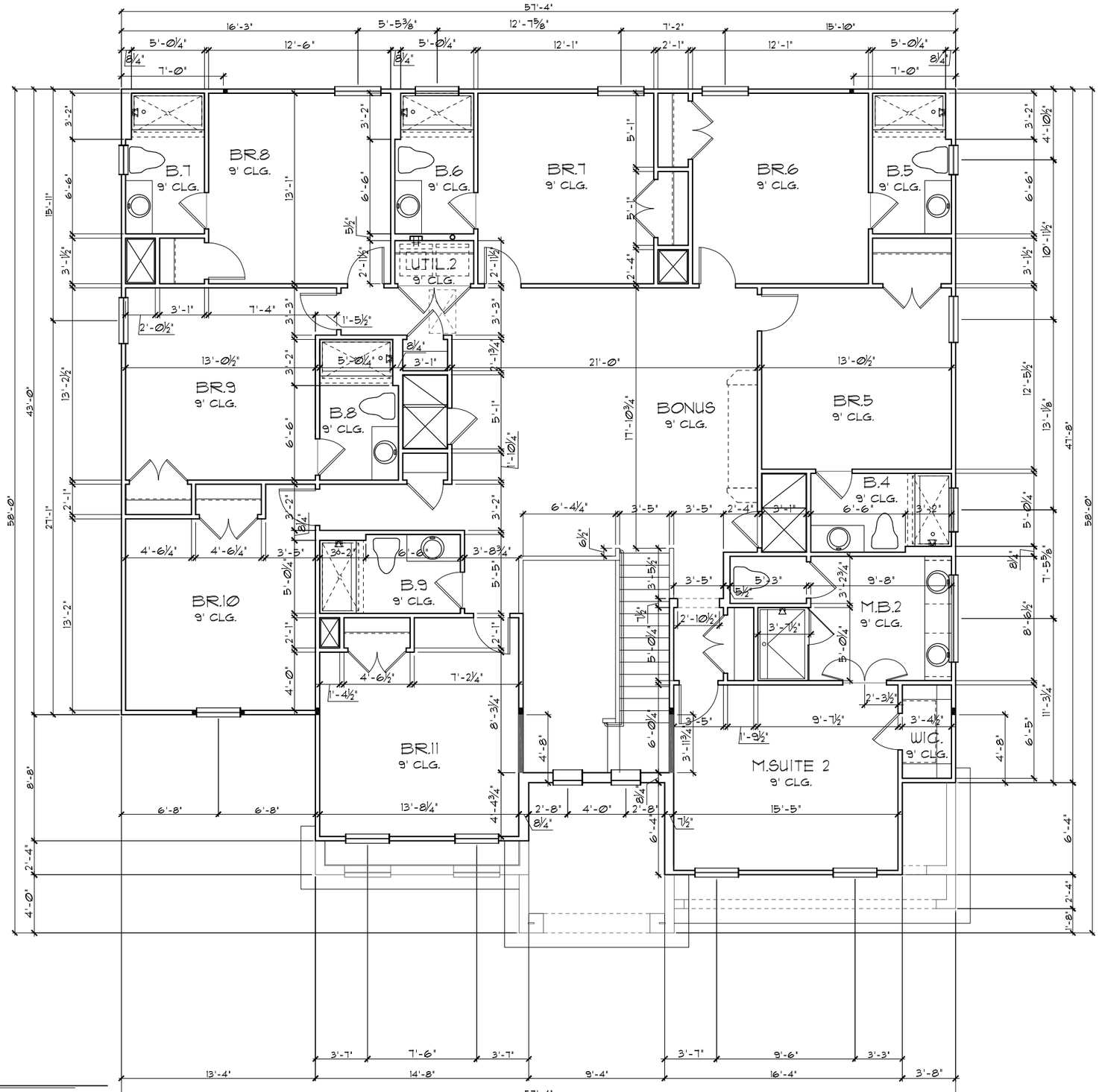


WET BAR OPTION @ BONUS

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



UPPER FLOOR PLAN W/ DIMENSIONS "F"

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

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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Park Square HOMES

UPPER FLOOR PLAN W/ DIMENSIONS

THE EL DORADO

NAPA SERIES

4792

DATE 02-01-16

SCALE AS NOTED

DRAWN RDC

JOB 4792

SHEET 04F.0

OF SHEETS

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

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

FLOOR LIVE LOADS

RESIDENTIAL FLOOR: 40 PSF
STAIR LIVE LOAD: 40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

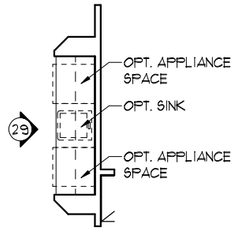
1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY: II
3. WIND EXPOSURE: B
4. INTERNAL PRESSURE +/-.18, INCLUDED COEFFICIENT: IN NOTE #5
5. COMPONENT / CLADDING SEE PLAN DESIGN WIND PRESSURE:

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

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

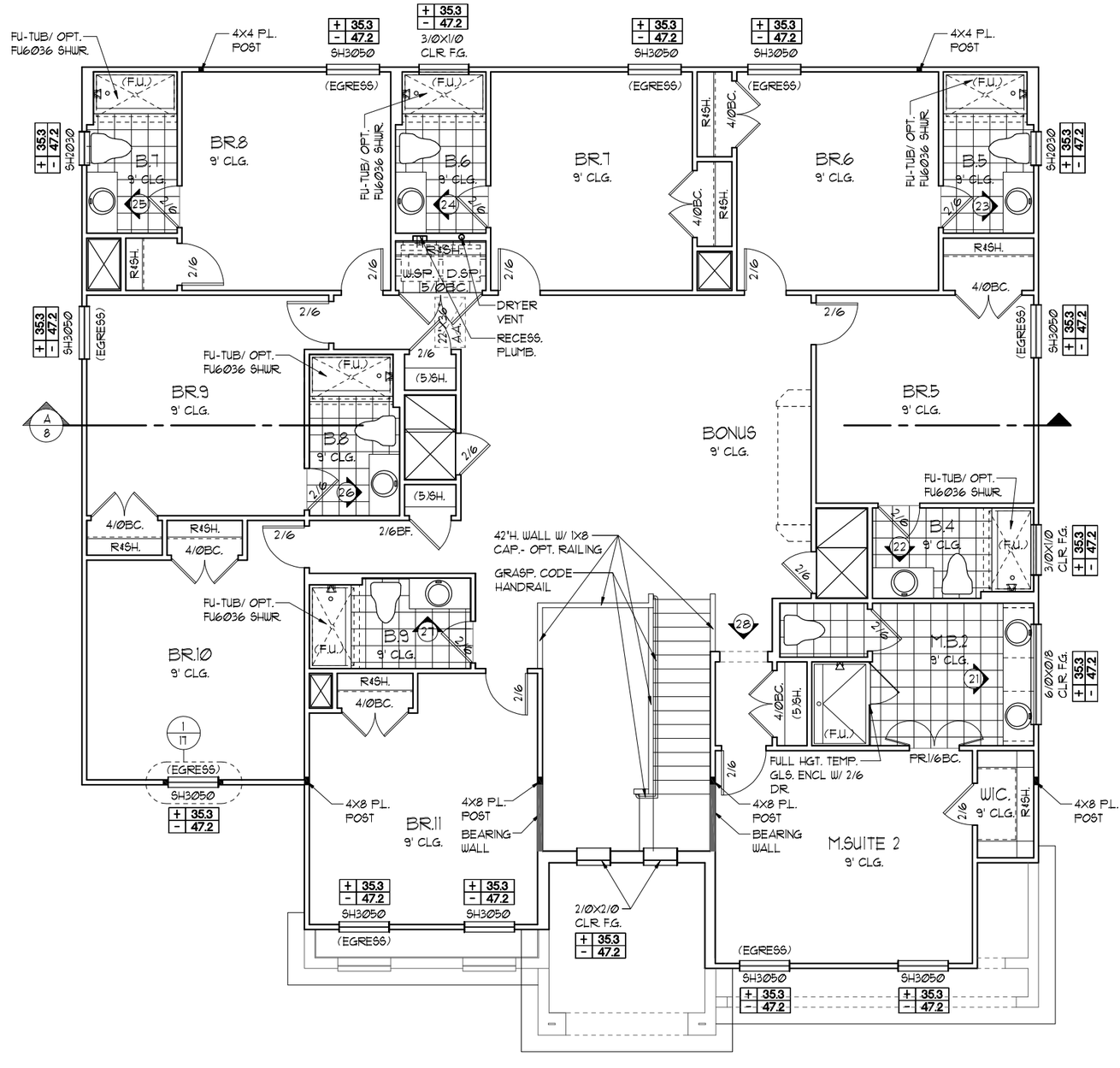
GENERAL NOTES

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
6. ALL 2ND. FLR. INTERIOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.



WET BAR OPTION @ BONUS

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



UPPER FLOOR PLAN NOTES "D"

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

NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: **6'-8"** U.N.O. - VERIFY WITH COLOR SHEET.

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FLOOR PLAN W/ NOTES

THE EL DORADO
NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	05D.0
OF	SHEETS

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

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

FLOOR LIVE LOADS

RESIDENTIAL FLOOR: 40 PSF
STAIR LIVE LOAD: 40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 5TH EDITION, 2014 FLORIDA BUILDING RESIDENTAIL CODE

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5. COMPONENT / CLADDING SEE PLAN DESIGN WIND PRESSURE:

   + XXX
   - XXX

   DESIGN WIND PRESSURE IAW FLA RESIDENTIAL CODE, SECTION R301

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

GENERAL NOTES

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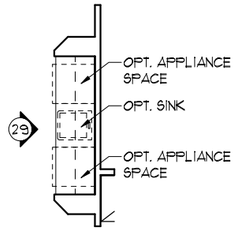
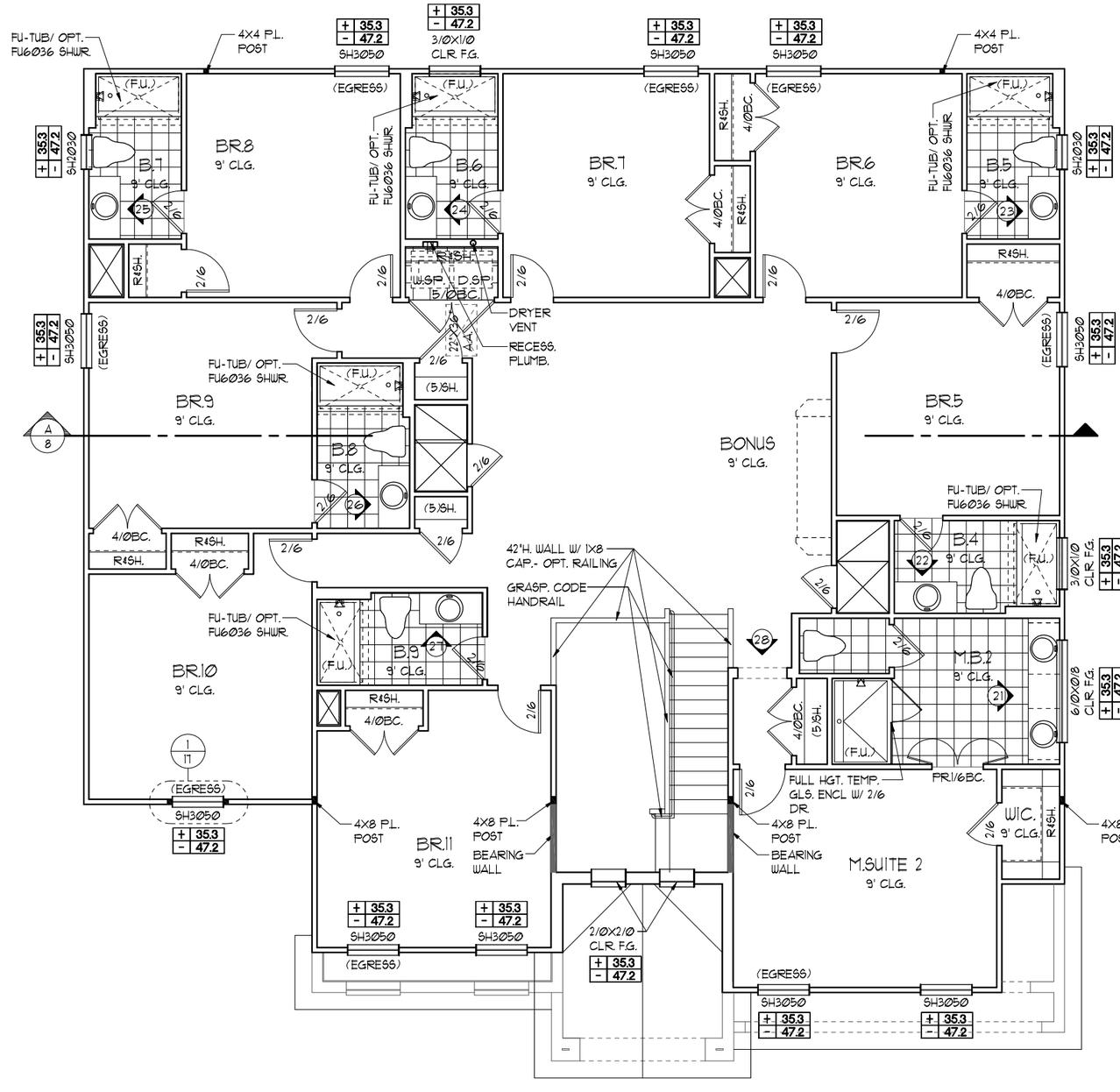
5. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
6. ALL 2ND. FLR. INTERIOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.



WET BAR OPTION @ BONUS

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



NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: **6'-8"** U.N.O. - VERIFY WITH COLOR SHEET.

UPPER FLOOR PLAN NOTES "E"

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

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Park Square HOMES

FLOOR PLAN W/ NOTES

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	05E.0
OF	SHEETS

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

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

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RESIDENTIAL FLOOR: 40 PSF
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ROOF SLOPE	0-200	201-600	OVER 600
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WIND INFORMATION

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   + XXX
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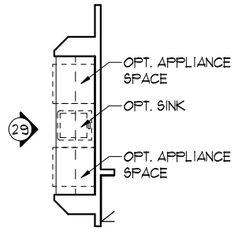
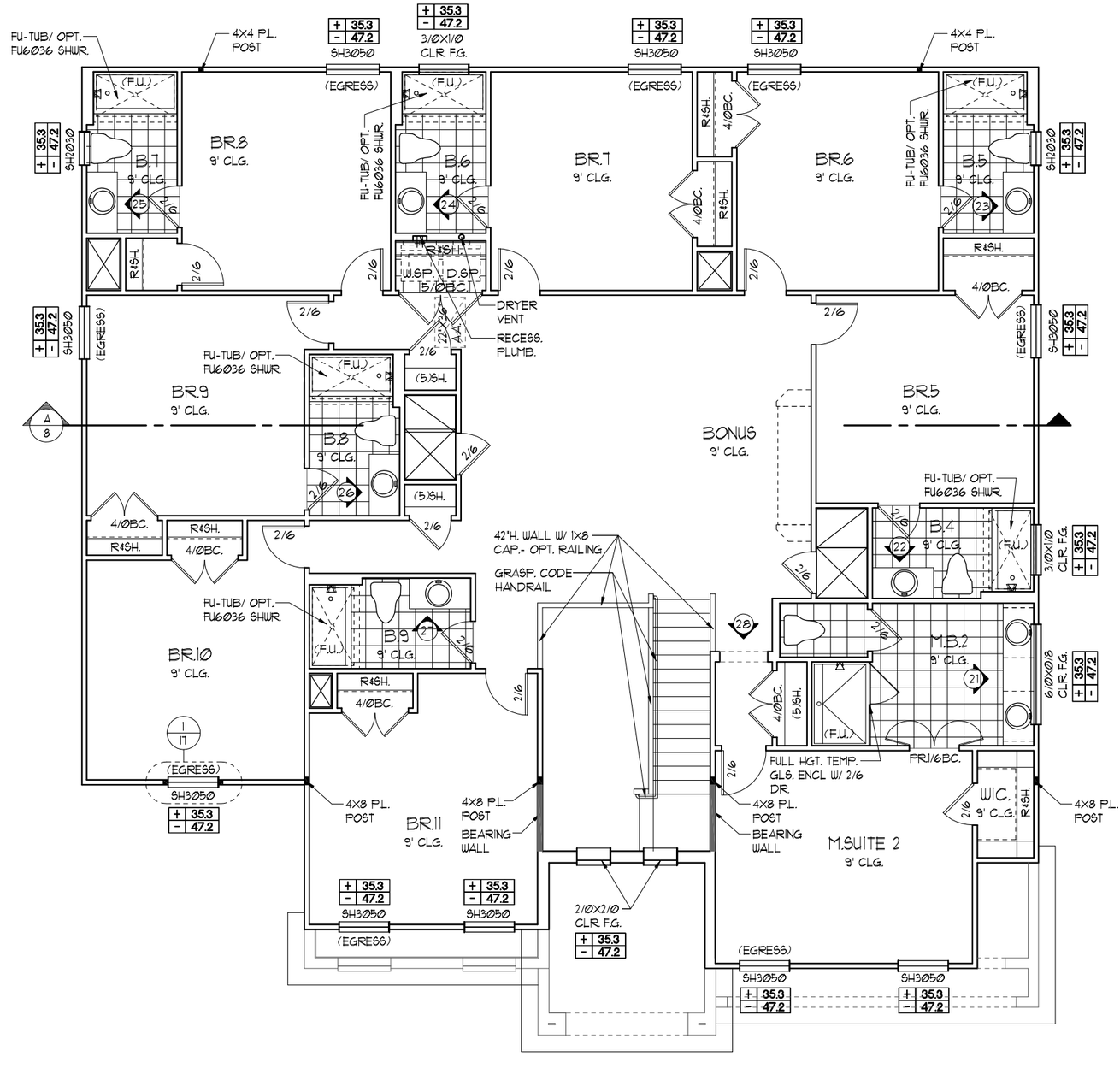


WET BAR OPTION @ BONUS

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



UPPER FLOOR PLAN NOTES "F"

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

NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" U.N.O. - VERIFY WITH COLOR SHEET.

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FLOOR PLAN W/ NOTES

THE EL DORADO
NAPA SERIES

4792

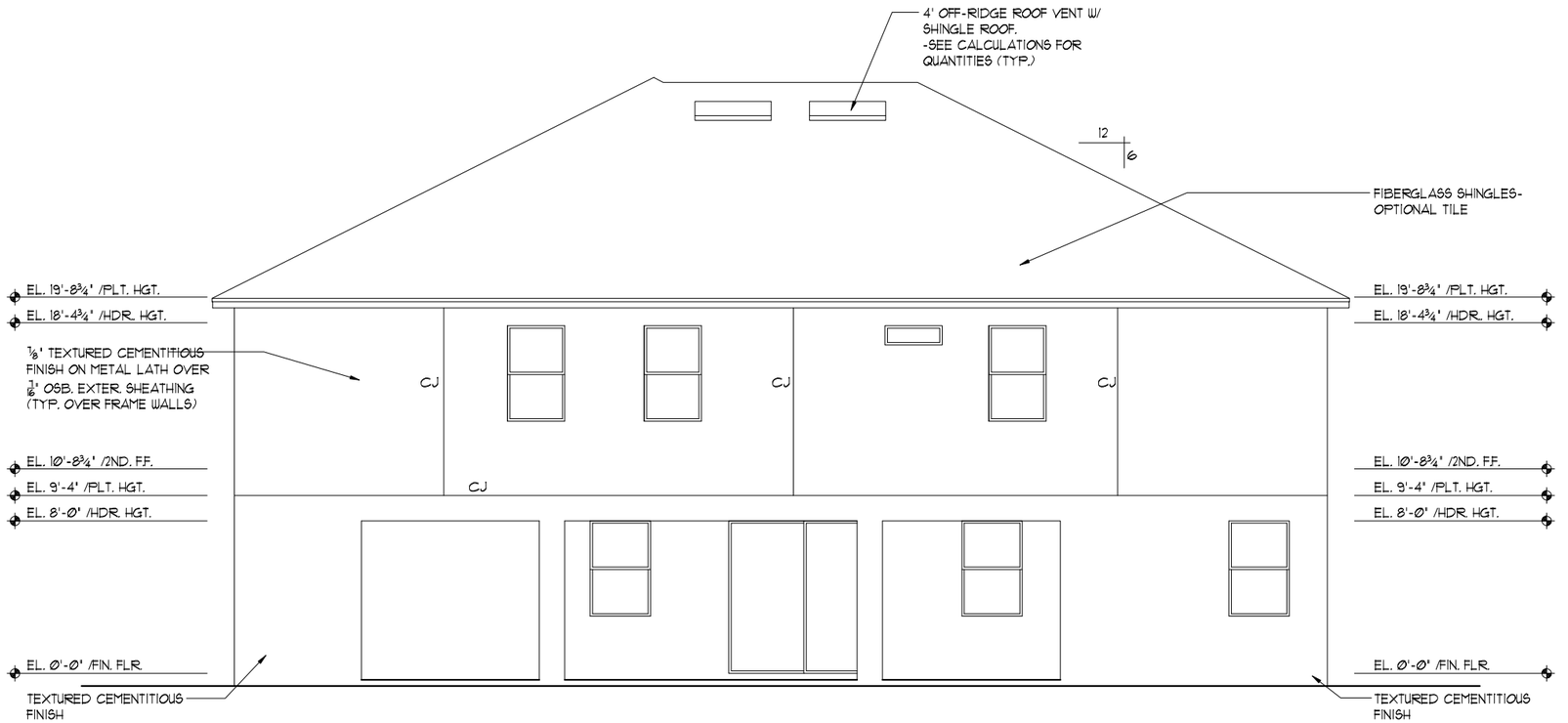
DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	05F.0
OF	SHEETS

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.6.1 OF THE 5TH EDITION, FBCR. 2014
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.6.2 OF THE 5TH EDITION, FBCR. 2014
3. WEEP SCREED TO BE INSTALLED IAW R703.6.2.1 OF THE 5TH EDITION, FBCR. 2014
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.6.3 OF THE 5TH EDITION, FBCR. 2014
5. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.

FRONT ELEVATION "D"

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



REAR ELEVATION

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

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EXTERIOR ELEVATION "D" FRONT AND REAR

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FRONT ELEVATION "E"

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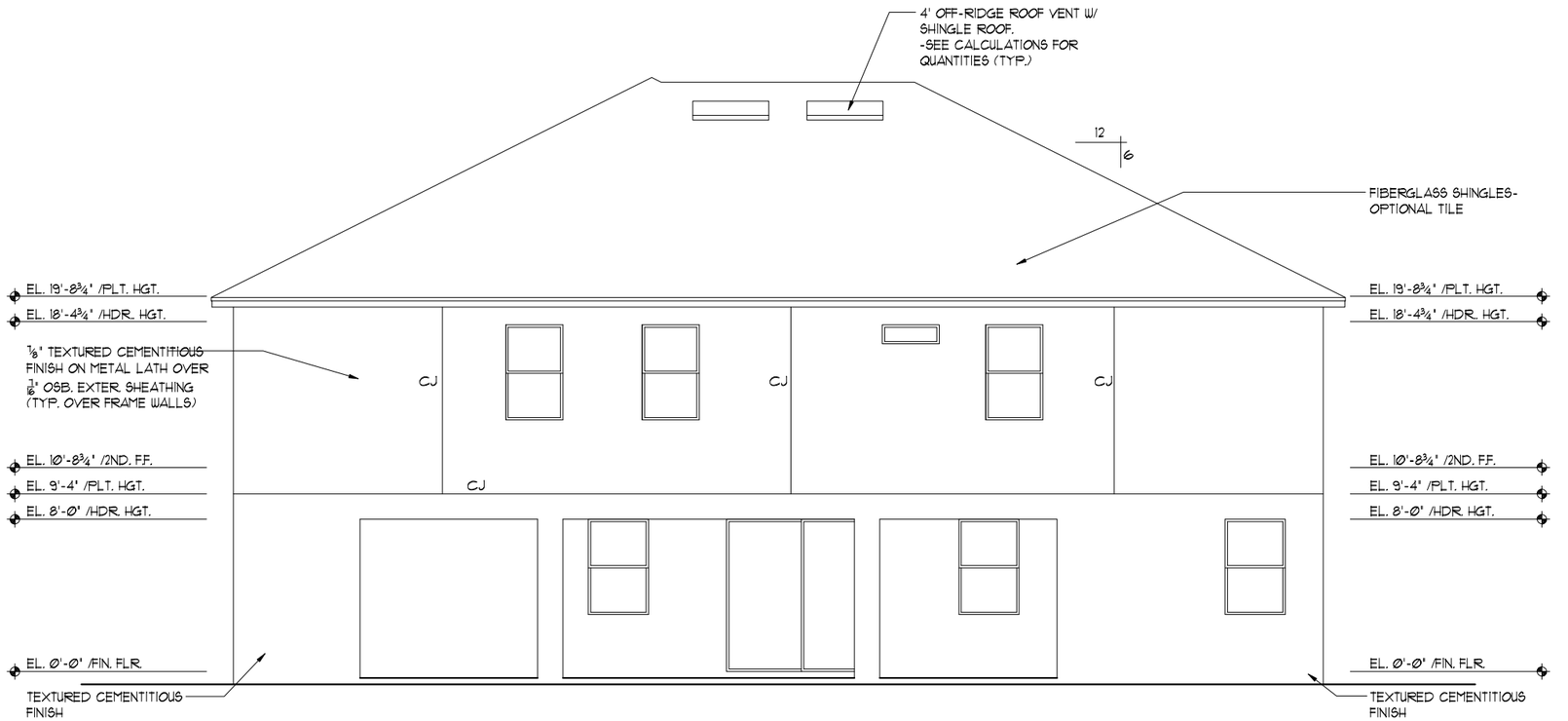

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EXTERIOR ELEVATION "E" FRONT AND REAR

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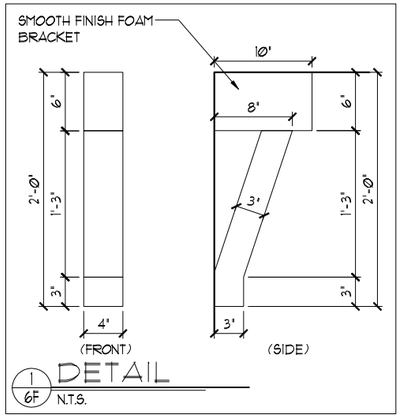

1/6F DETAIL

N.T.S.

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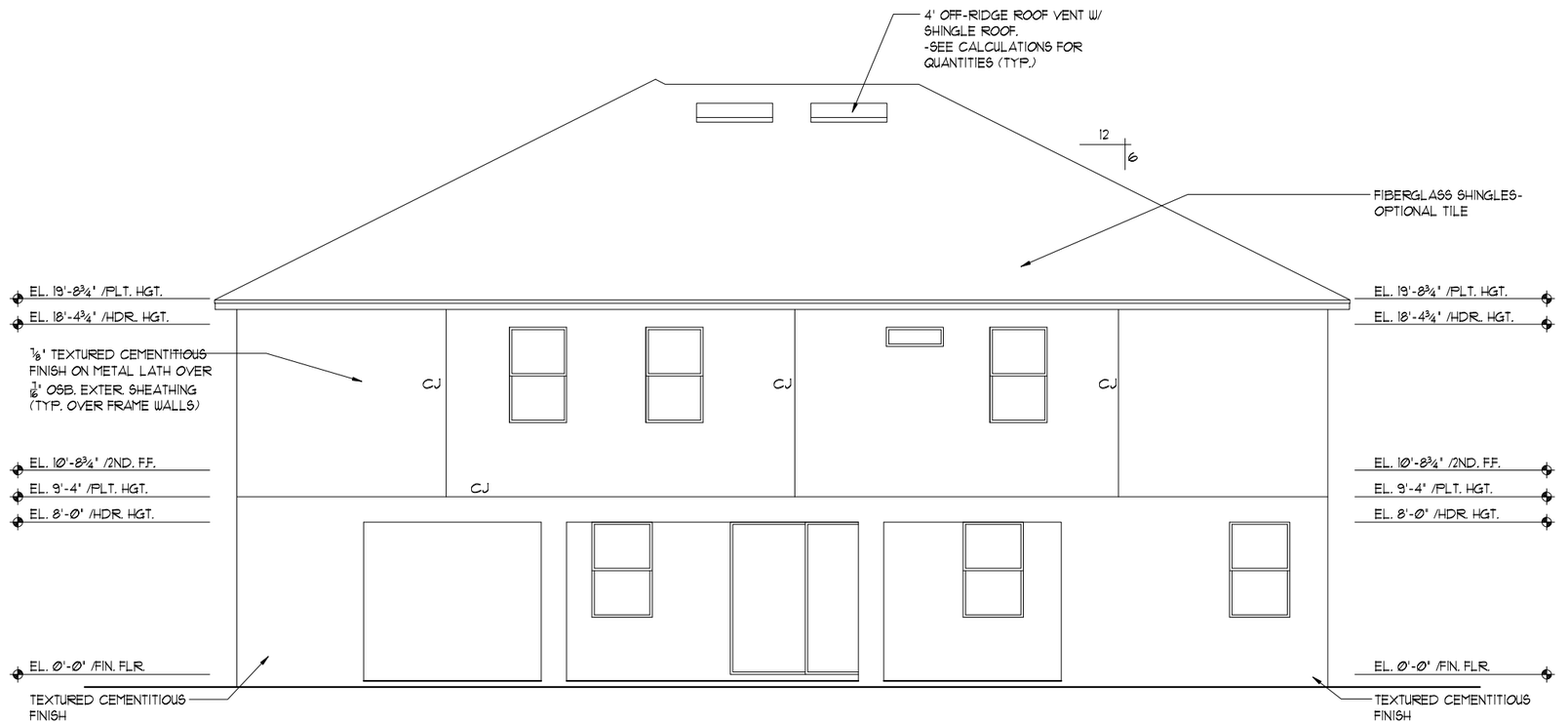
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



REAR ELEVATION

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

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Park Square HOMES

NAPA SERIES

EXTERIOR ELEVATION "F" FRONT AND REAR

THE EL DORADO

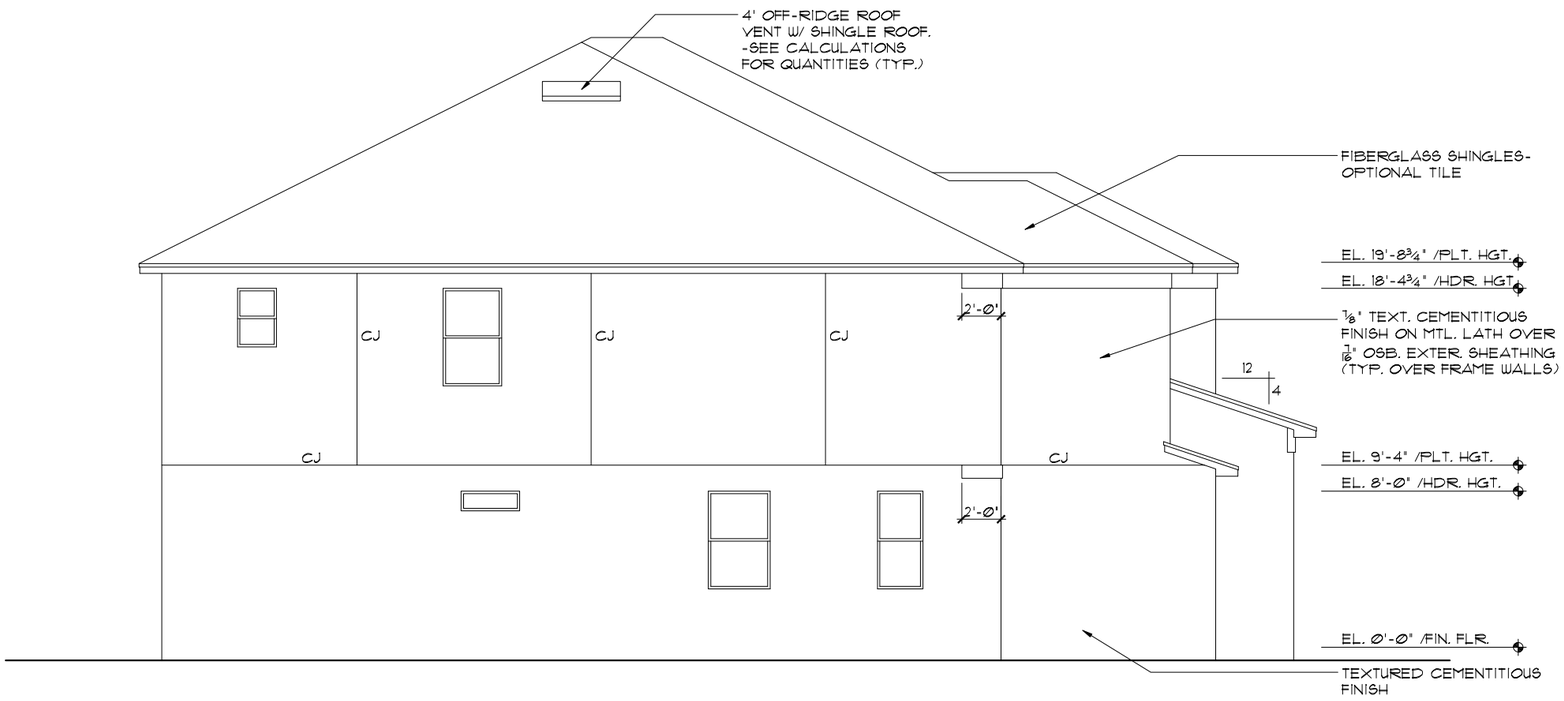
NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	06F.0
OF	SHEETS

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.6.1 OF THE 5TH EDITION, FBCR. 2014
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.6.2 OF THE 5TH EDITION, FBCR. 2014
3. WEEP SCREED TO BE INSTALLED IAW R703.6.2.1 OF THE 5TH EDITION, FBCR. 2014
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.6.3 OF THE 5TH EDITION, FBCR. 2014
5. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



LEFT ELEVATION "D"

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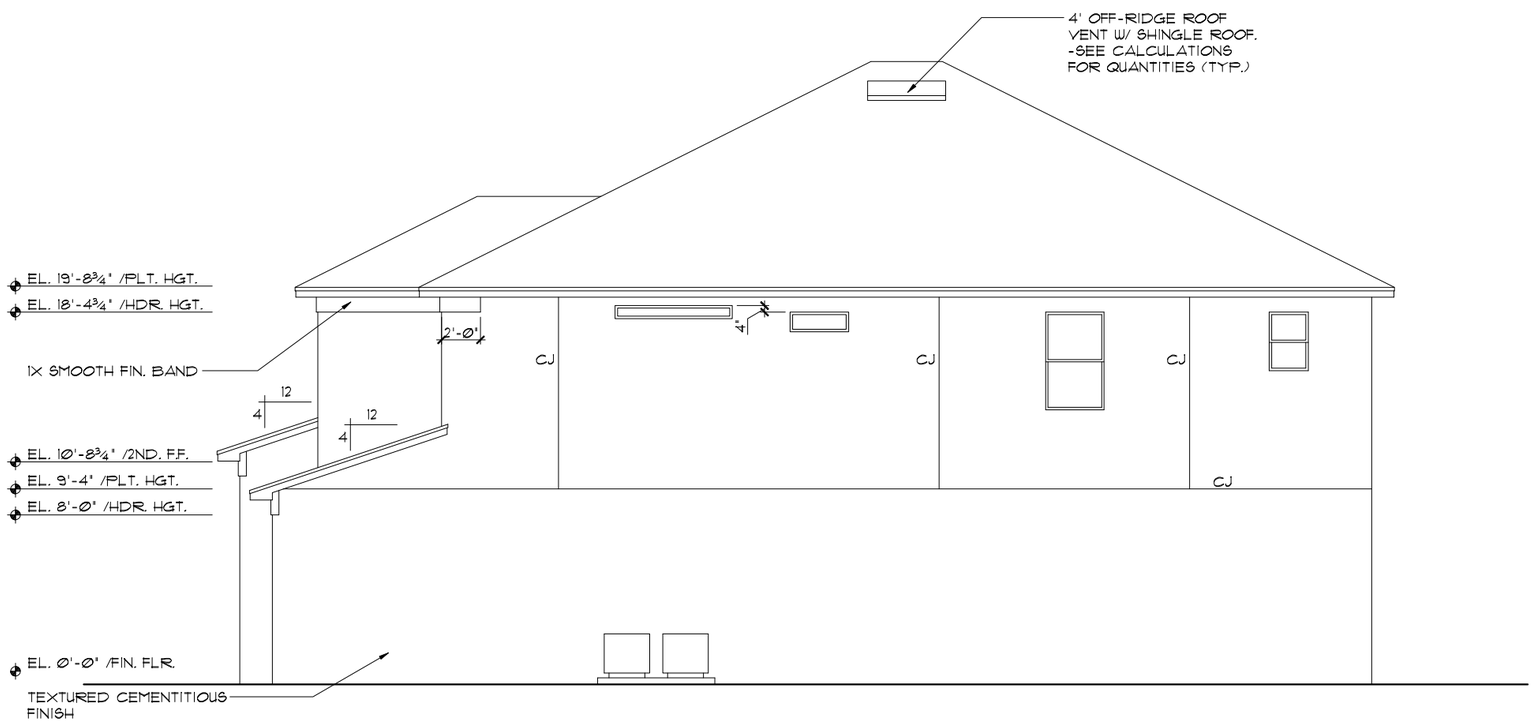

RIGHT ELEVATION "D"

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Park Square HOMES

EXTERIOR ELEVATIONS "D"
LEFT AND RIGHT

THE EL DORADO
NAPA SERIES

4792

DATE	02-01-16
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JOB	4792
SHEET	07D.0
OF	SHEETS

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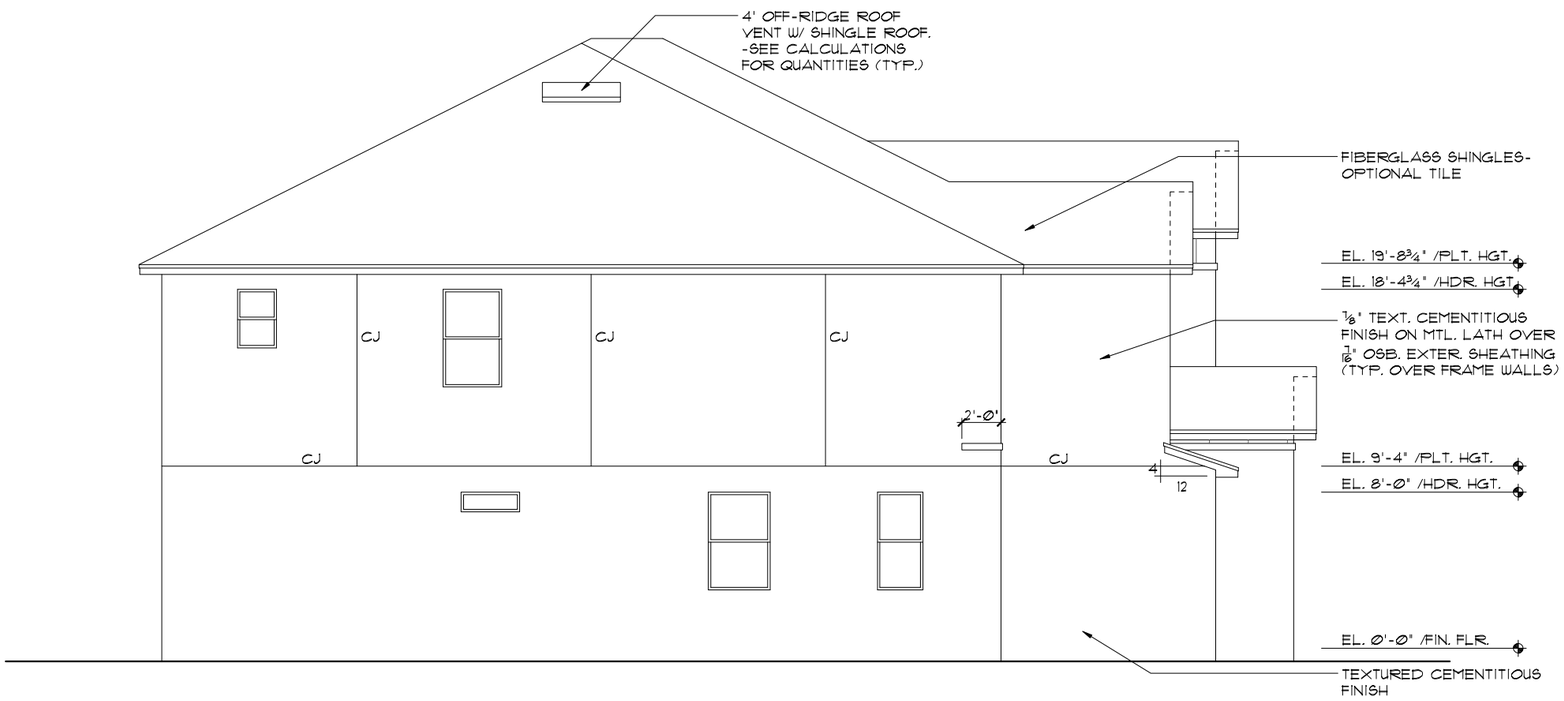

LEFT ELEVATION "E"

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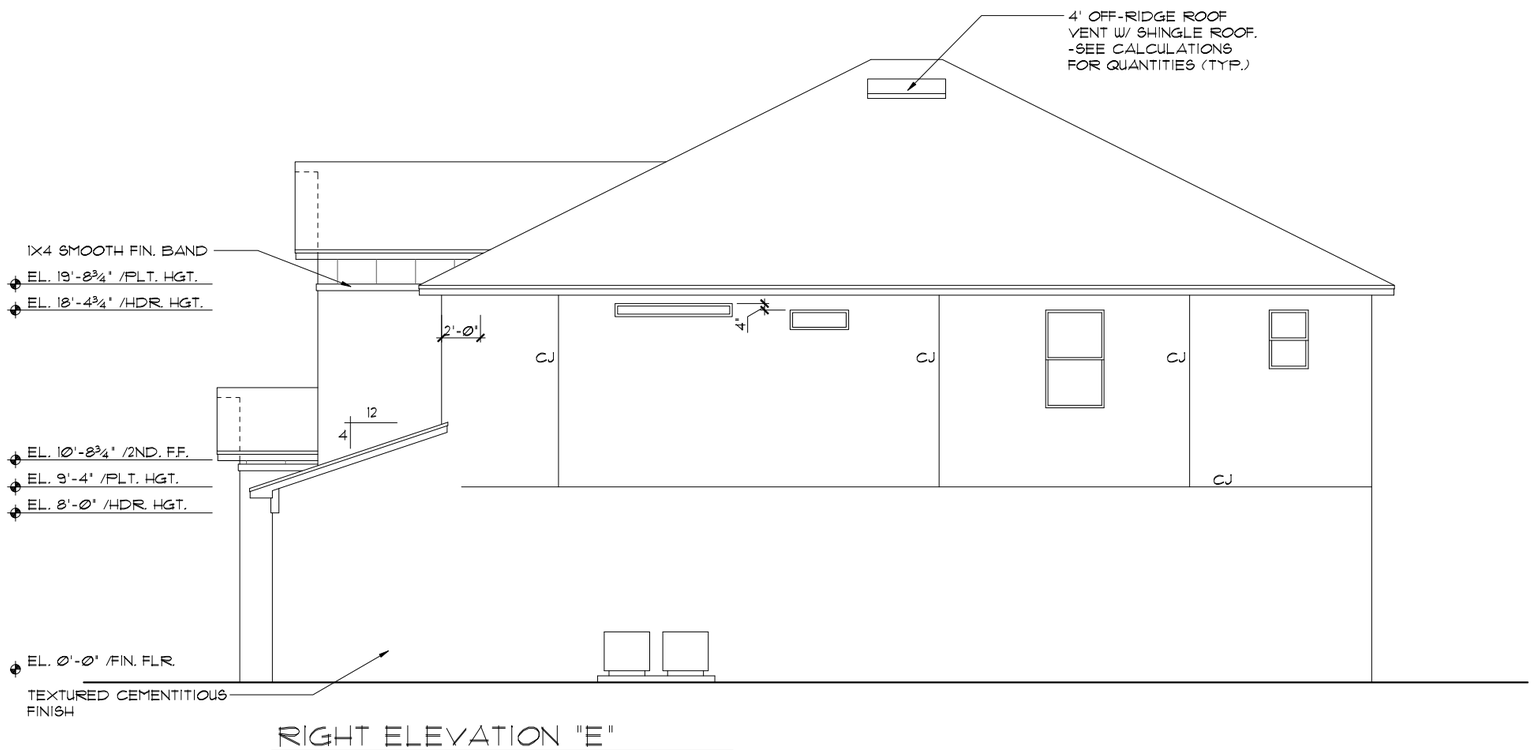

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Park Square HOMES

EXTERIOR ELEVATIONS "E" LEFT AND RIGHT

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
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DRAWN	RDC
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OF	SHEETS

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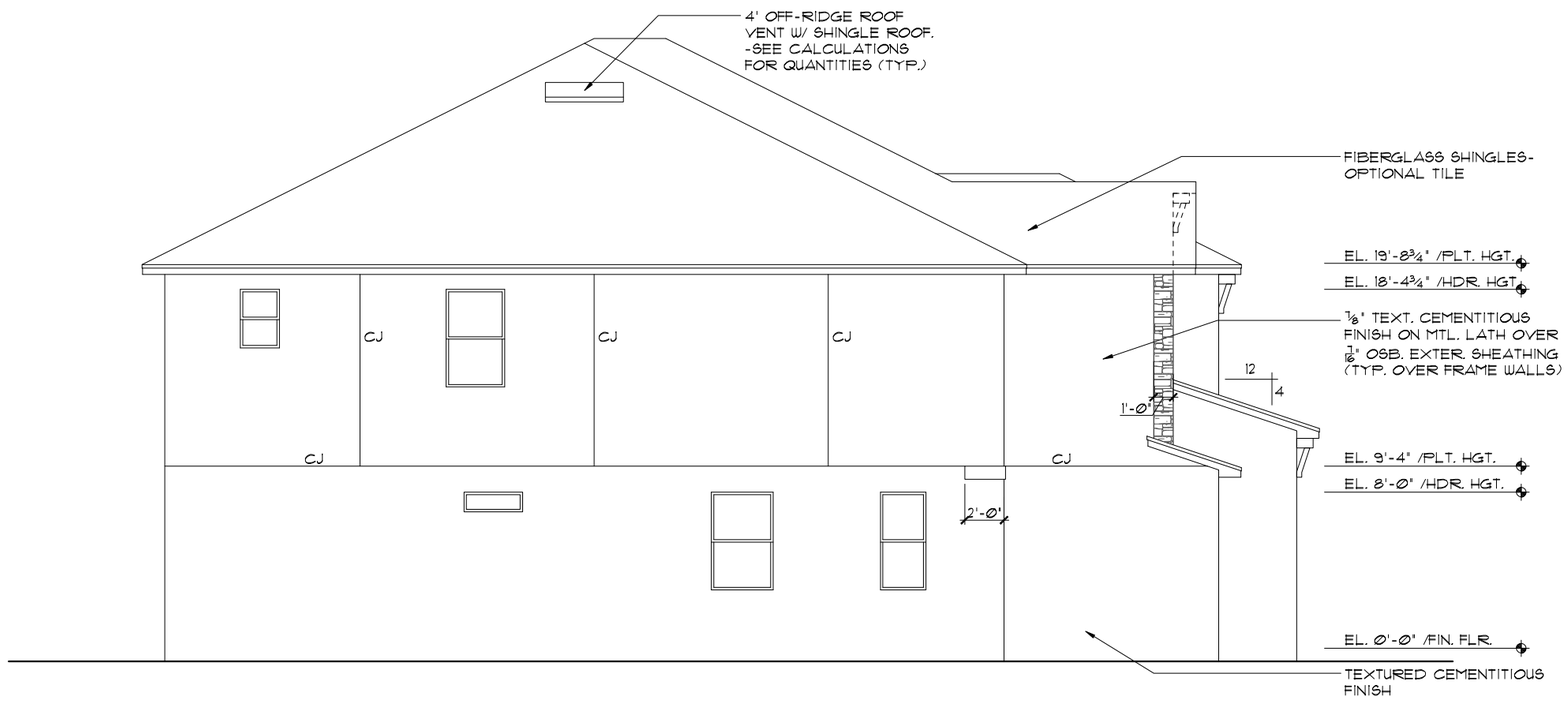

LEFT ELEVATION "F"

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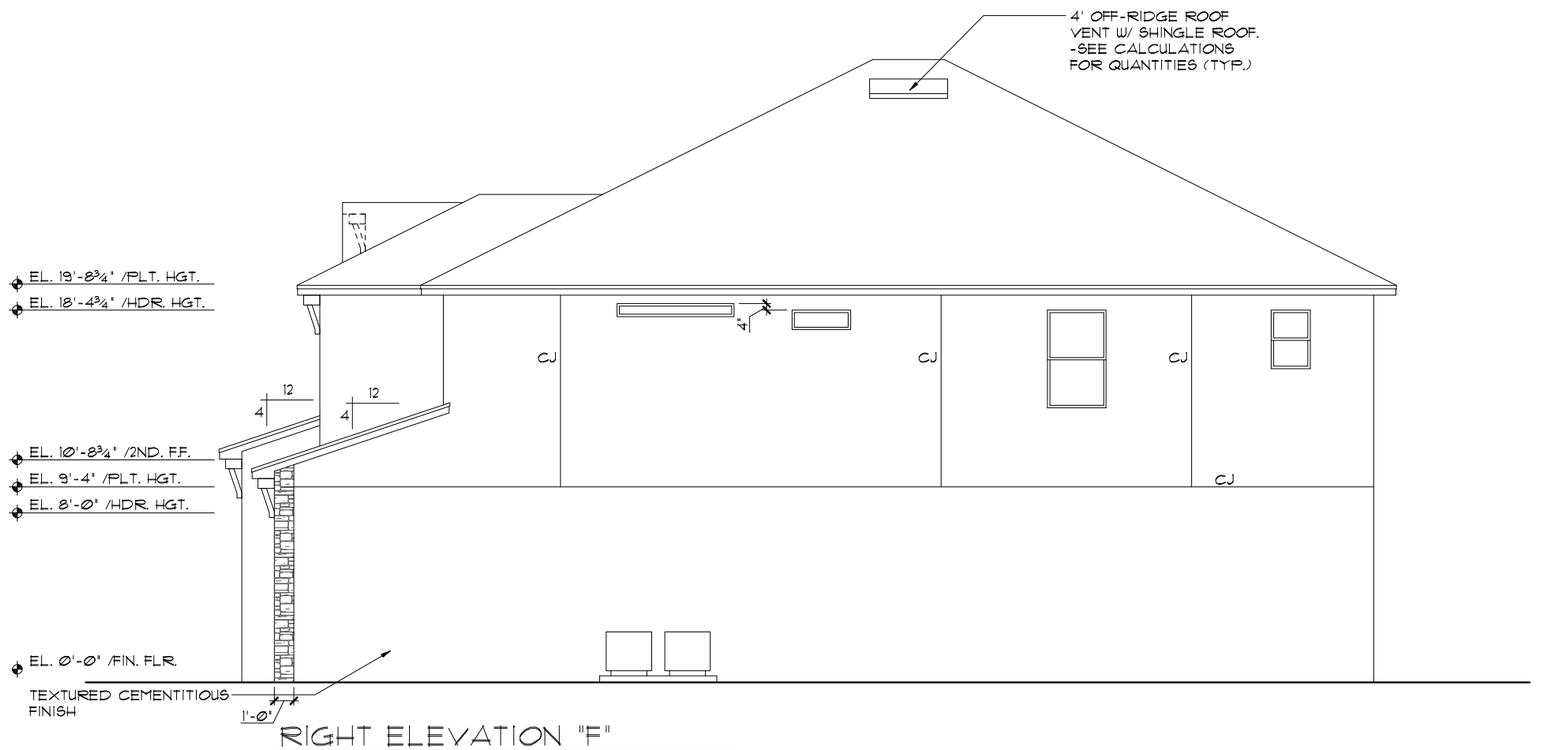

RIGHT ELEVATION "F"

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Park Square HOMES

EXTERIOR ELEVATIONS "F" LEFT AND RIGHT

THE EL DORADO

NAPA SERIES

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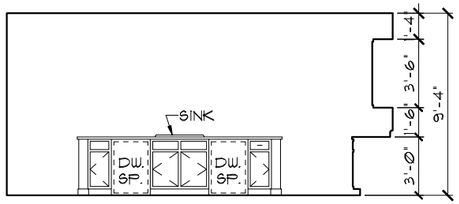

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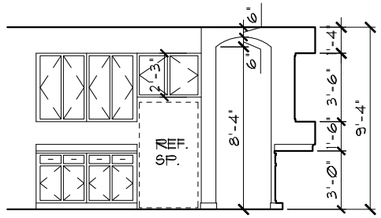

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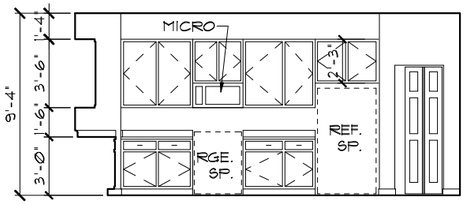

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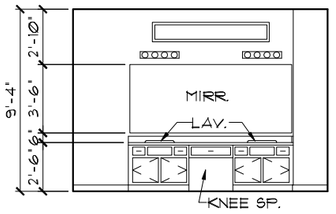

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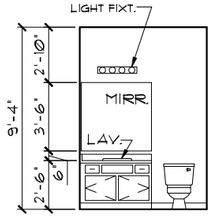

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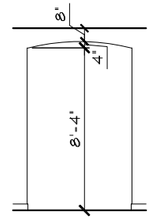

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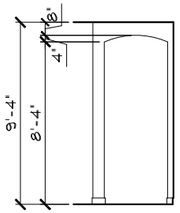

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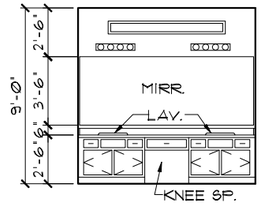

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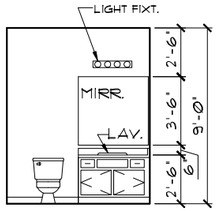

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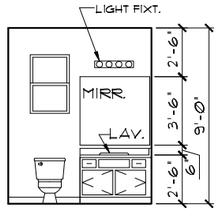

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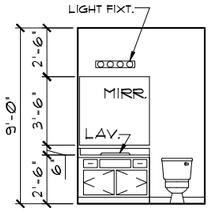

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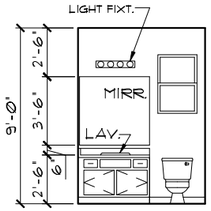

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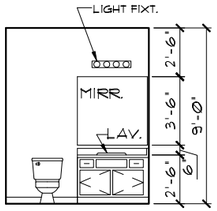

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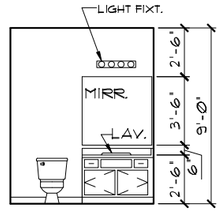

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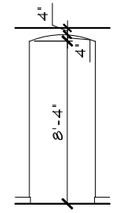

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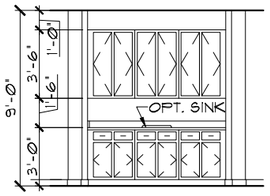

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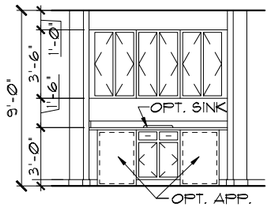
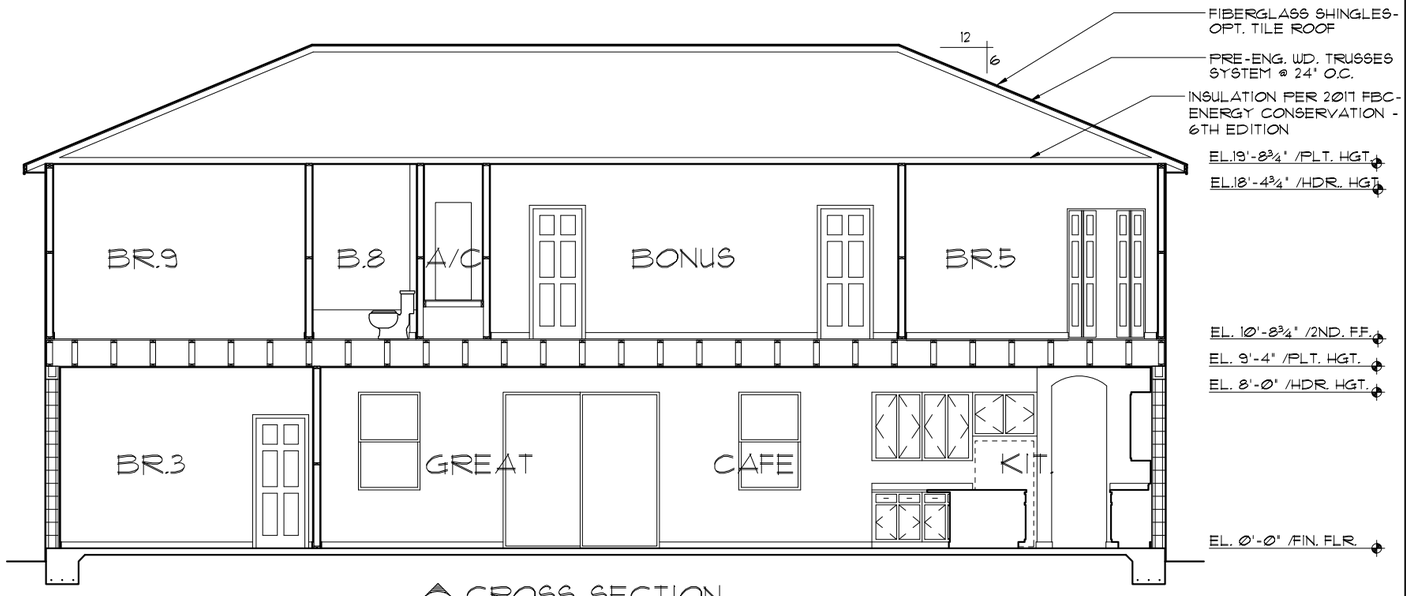


29 (OPT.)

INTERIOR ELEVATIONS

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



A/08 CROSS SECTION

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

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CROSS SECTION / INTERIOR ELEVATIONS

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
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JOB	4792
SHEET	08
OF	SHEETS

MECHANICAL/GENERAL NOTES

PER 6TH ED. 2017 FLA BLD. CODE-RESIDENTIAL

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

2.) SUFFICIENT SPACE SHALL BE PROVIDED ADJACENT TO THE MECHANICAL COMPONENTS TO ASSURE ADEQUATE ACCESS FOR:
A.) CONSTRUCTION AND SEALING, AND
B.) SECTION M1601 PER THE FBCR 2017 6TH ED.

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2017 6TH EDITION.

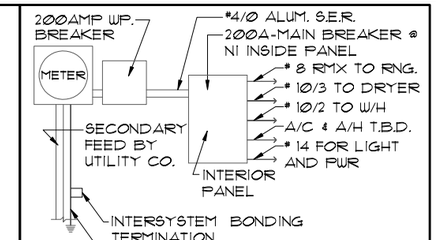
4.) IAW NEC 2014- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED 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 2017, 6TH ED. P2801.7

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 2017, 6TH ED.
10.) THE TOTAL LENGTH OF VENTING FOR DRYER TO BE: **5'-0" MAXIMUM**
11.) ALL ELECTRICAL WORK TO BE DONE PER **NEC 2014**



ELECTRICAL RISER DIAGRAM

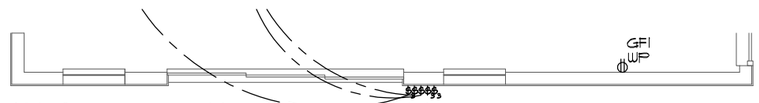
NOTE: N.T.S.
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

2014 NEC 250.52 (A)(3)

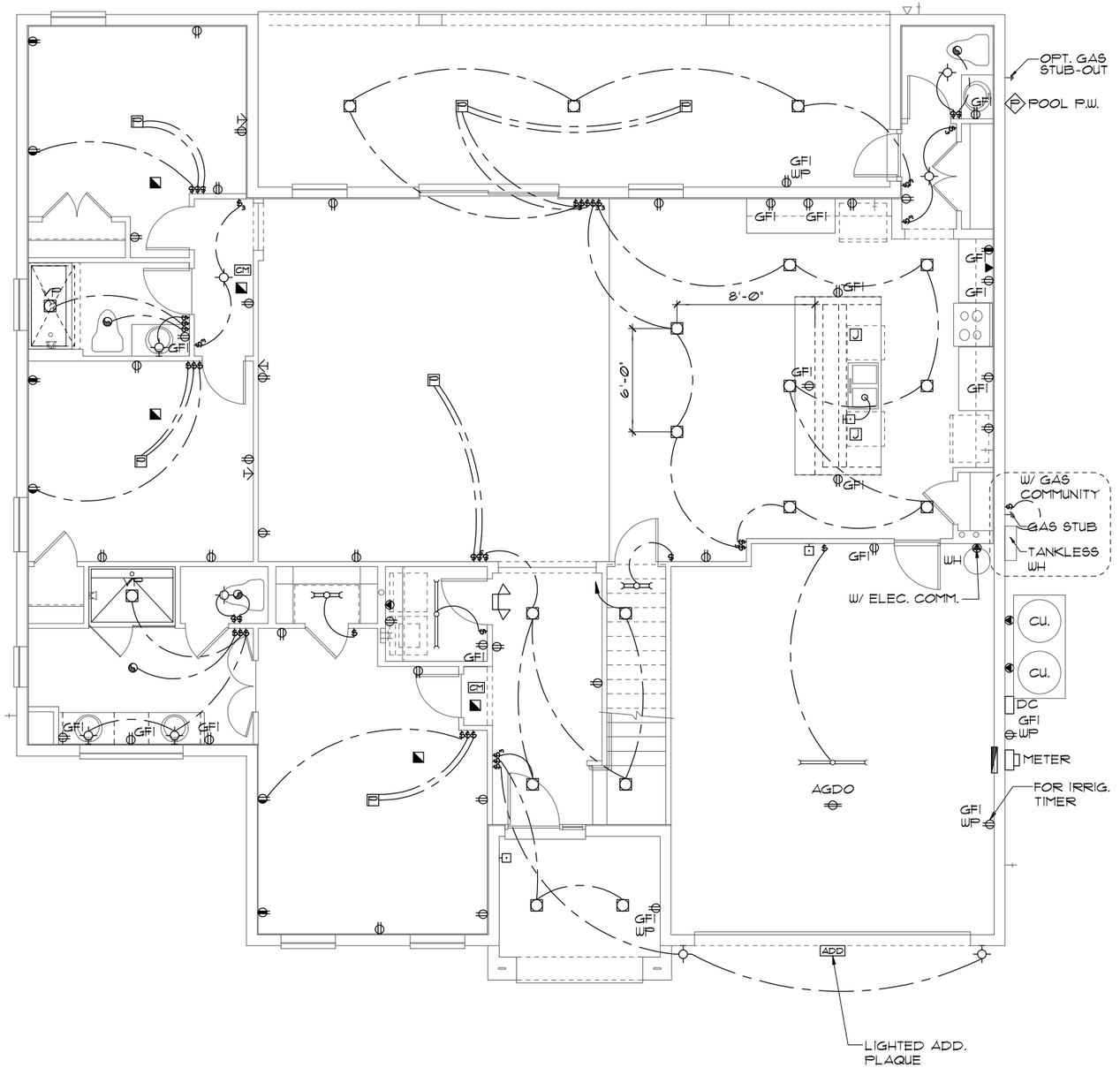
(3) Concrete-Encased Electrode. A concrete-encased electrode shall consist of at least 6.0 m (20 ft) of either (1) or (2):
(1) One or more bare or zinc galvanized or other electrically conductive coated steel reinforcing bars or rods of
Not less than 13 mm (1/2 in.) in diameter, installed in one continuous 6.0 m (20 ft) length, or if in multiple pieces connected together by the usual steel tie wires, exothermic welding, welding, or other effective means to create a 6.0 m (20 ft) or greater length; or
(2) Bare copper conductor not smaller than 4 AWG Metallic components shall be encased by at least 50 mm (2 in.) of concrete and shall be located horizontally within that portion of a concrete foundation or footing that is in direct contact with the earth or within vertical foundations or structural components or members that are in direct contact with the earth. If multiple concrete-encased electrodes are present at a building or structure, it shall be permissible to bond only one into the grounding electrode system. (ROP 5-107)

ELECTRICAL LEGEND

$	SINGLE POLE SWITCH		OUTLET, TV/CABLE
$3	THREE WAY SWITCH		OUTLET, PHONE
	OUTLET 110-115		INTERCOM
	OUT. 110-115, SPLIT WIRED		CHIMES
	OUT. 110-115, W/ USB		SMOKE DETECTOR
	OUT. 110-115, CLG. MOUNT.	CM	CARBON MONOXIDE
	OUT. 110-115, FLR. MOUNT.		PUSH BUTTON
	SPCL. PURPOSE 220-240		EXHAUST FAN
	LIGHT FIXT., CLG. MTD.		EX. FAN/LIGHT COMBO
	LIGHT FIXT., WALL MTD.		DISPOSAL
	LIGHT FIXT., RECESSED		ELECTRICAL PANEL
	LIGHT FIXT., REC. ADJUST.	F	CEILING FAN, PREWIRE
PC	LIGHT FIXT., PULL CHAIN	F	CEILING FAN, INSTALL
	LIGHT FIXT.,FLUORESCENT	J	ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS	T	THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DC	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER



12' S.G.D. OPTION @ GR. RM.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELECTRICAL PLAN (A,B,C)
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NAPA SERIES

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04-06-18	AN

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Park Square HOMES

ELECTRICAL PLAN

THE EL DORADO
NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	09.0
OF	SHEETS

MECHANICAL/GENERAL NOTES

PER 6TH ED. 2017 FLA BLD. CODE-RESIDENTIAL

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

2.) SUFFICIENT SPACE SHALL BE PROVIDED ADJACENT TO THE MECHANICAL COMPONENTS TO ASSURE ADEQUATE ACCESS FOR:
A.) CONSTRUCTION AND SEALING, AND
B.) SECTION M1601 PER THE FBCR 2017 6TH ED.

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2017 6TH EDITION.

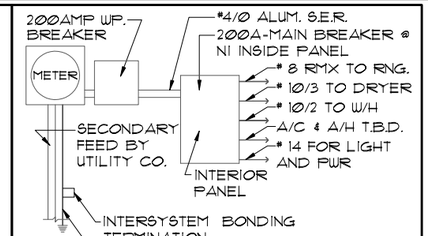
4.) IAW NEC 2014- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED 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 2017, 6TH ED. P2801.7

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 2017, 6TH ED.
10.) THE TOTAL LENGTH OF VENTING FOR DRYER TO BE: **5'-0" MAXIMUM**
11.) ALL ELECTRICAL WORK TO BE DONE PER **NEC 2014**

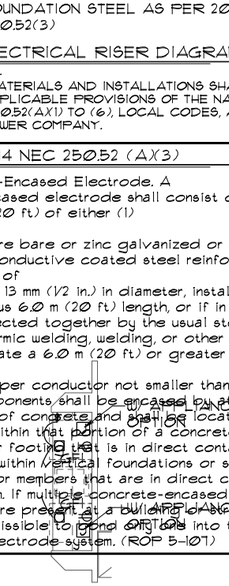


ELECTRICAL RISER DIAGRAM

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.

2014 NEC 250.52 (A)(3)

(3) Concrete-Encased Electrode. A concrete-encased electrode shall consist of at least 6.0 m (20 ft) of either (1) or (2):
(1) One or more bare or zinc galvanized or other electrically conductive coated steel reinforcing bars or rods of
Not less than 13 mm (1/2 in.) in diameter, installed in one continuous 6.0 m (20 ft) length, or if in multiple pieces connected together by the usual steel tie wires, exothermic welding, welding, or other effective means to create a 6.0 m (20 ft) or greater length; or
(2) Bare copper conductor not smaller than 4 AWG Metallic components shall be encased by at least 50 mm (2 in.) of concrete and shall be located horizontally within that portion of a concrete foundation or footing that is in direct contact with the earth or within vertical foundations or structural components or members that are in direct contact with the earth. If multiple concrete-encased electrodes are present at a building or structure, it shall be permissible to bond one of them into the grounding electrode system. (ROP 5-107)

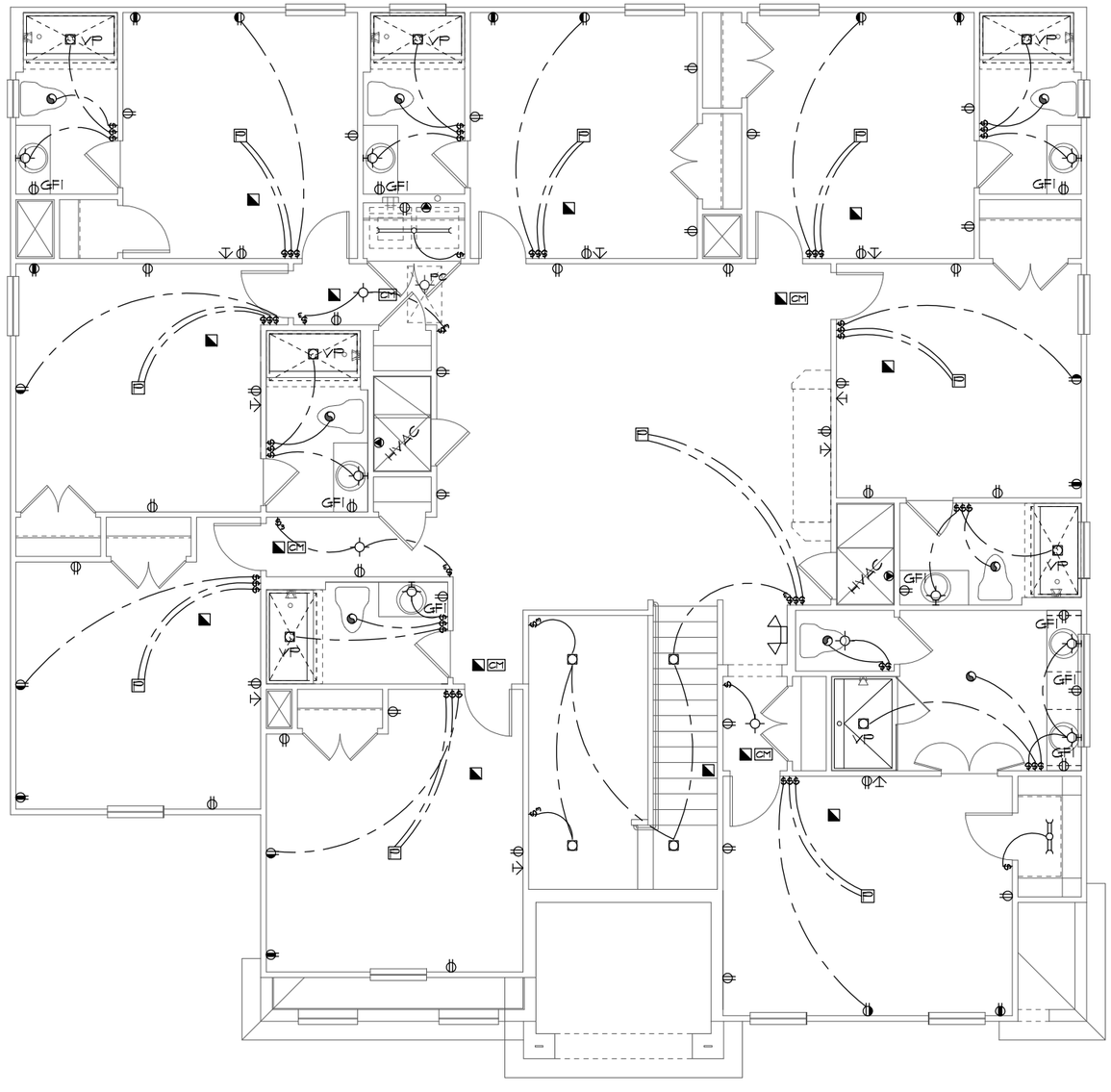


WET BAR OPTION @ BONUS

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

ELECTRICAL LEGEND

$	SINGLE POLE SWITCH		OUTLET, TV/CABLE
$3	THREE WAY SWITCH		OUTLET, PHONE
	OUTLET 110-115		INTERCOM
	OUT. 110-115, SPLIT WIRED		CHIMES
	OUT. 110-115, W/ USB		SMOKE DETECTOR
	OUT. 110-115, CLG. MOUNT.	CM	CARBON MONOXIDE
	OUT. 110-115, FLR. MOUNT.		PUSH BUTTON
	SPCL. PURPOSE 220-240		EXHAUST FAN
	LIGHT FIXT., CLG. MTD.		EX. FAN/LIGHT COMBO
	LIGHT FIXT., WALL MTD.		DISPOSAL
	LIGHT FIXT., RECESSED		ELECTRICAL PANEL
	LIGHT FIXT., REC. ADJUST.		CEILING FAN, PREWIRE
PC	LIGHT FIXT., PULL CHAIN		CEILING FAN, INSTALL
	LIGHT FIXT.FLUORESCENT		ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS	ST	THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DS	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER



UPPER ELECTRICAL PLAN

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ELECTRICAL PLAN

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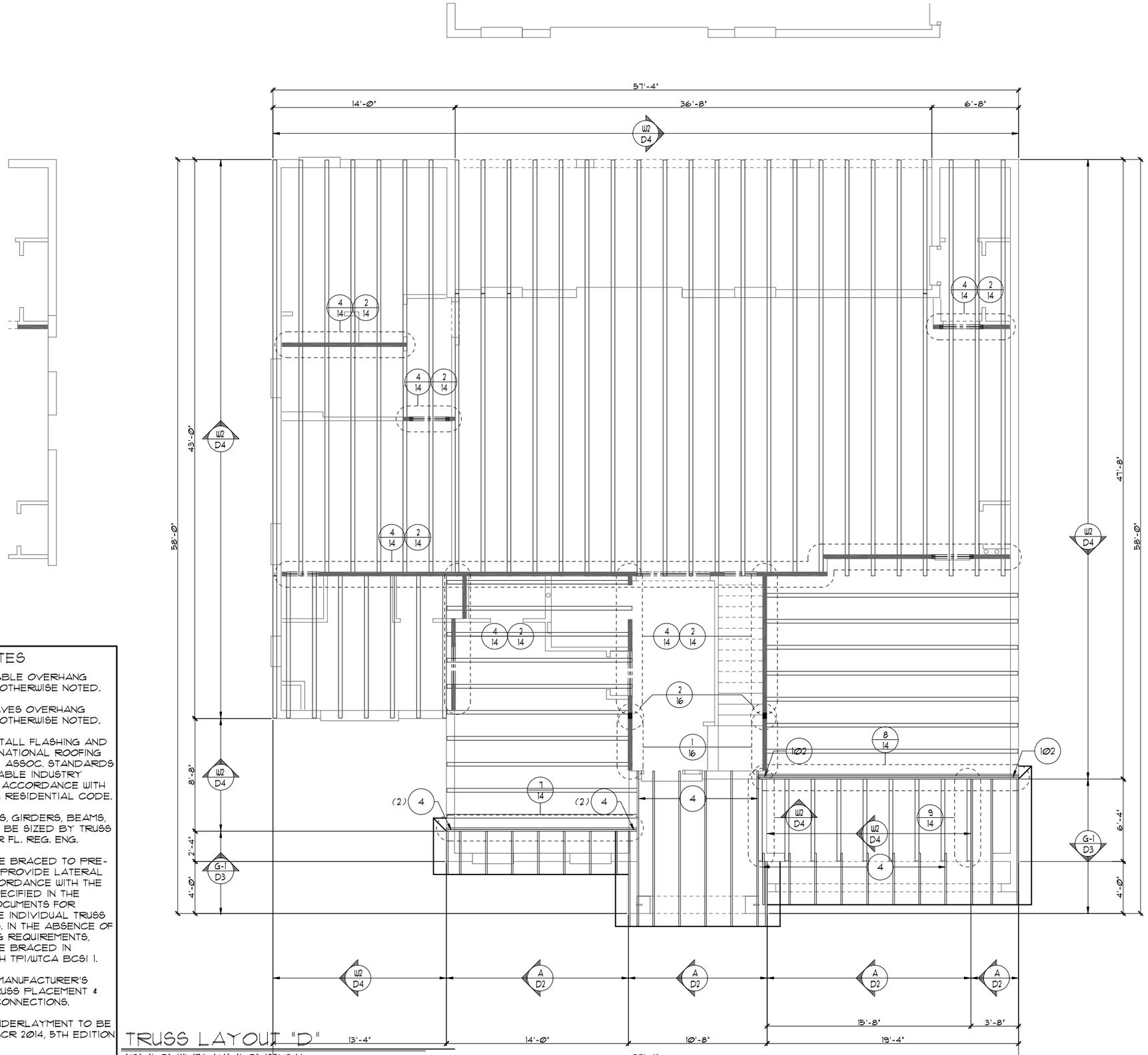

TRUSS LAYOUT "D"

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

NOTES

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7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2014, 5TH EDITION R905.2.7.

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TRUSS LAYOUT "D"

THE EL DORADO

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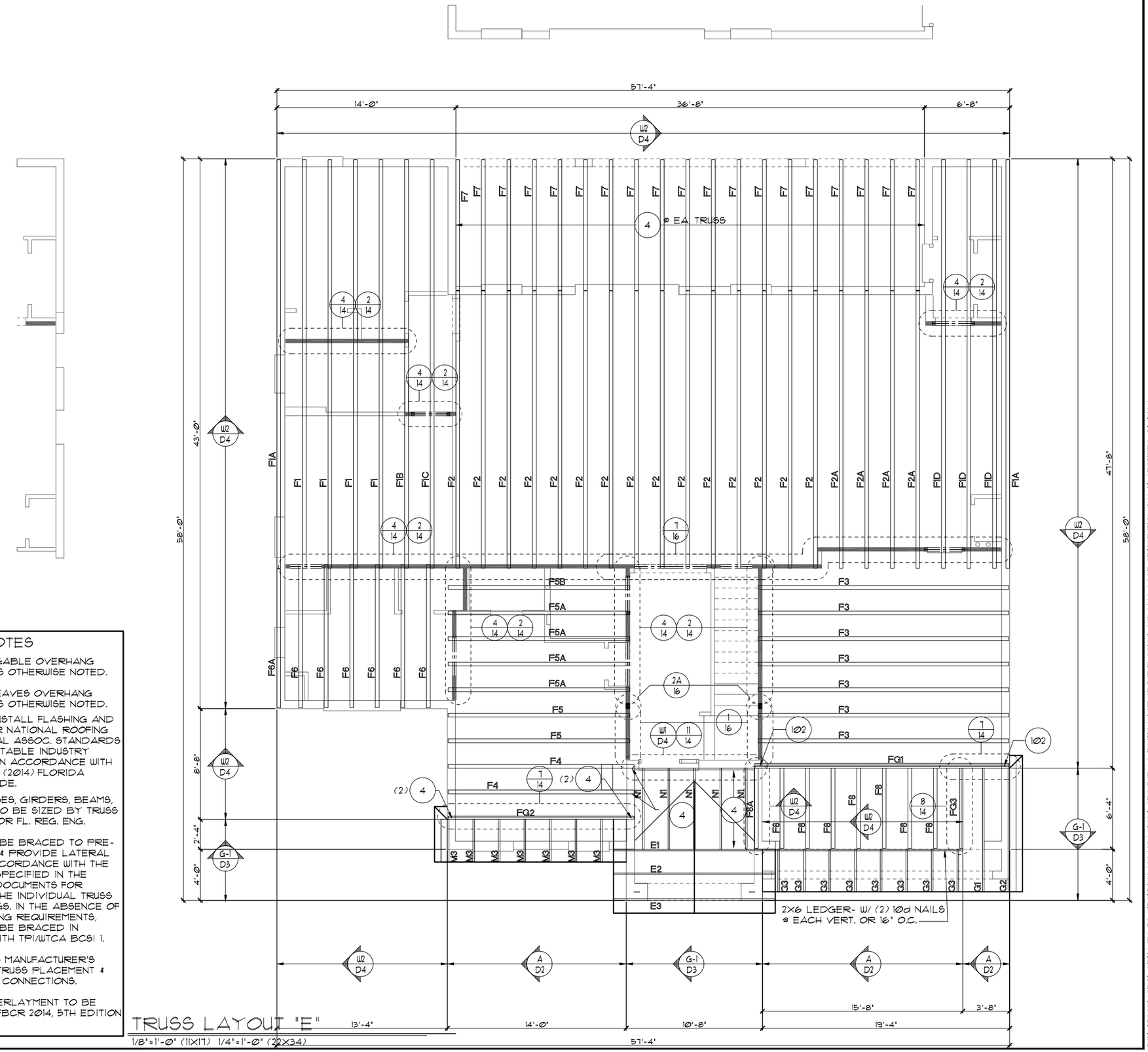

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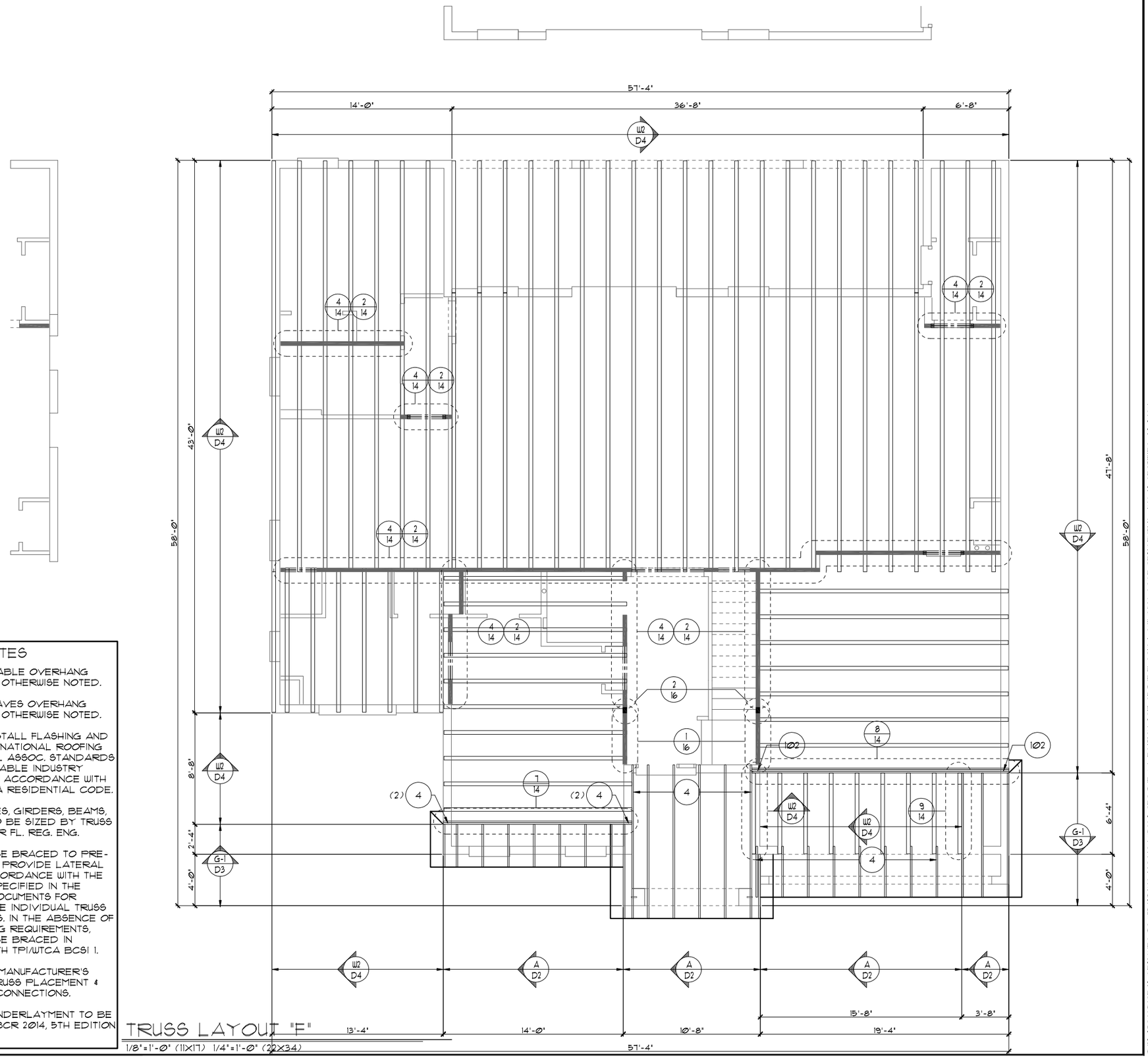

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ATTIC VENTILATION CALCULATIONS

PER FBC2014 5TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/150 OF VENTED SPACE:

TOTAL VENTED SPACE: 2,971S.F. / 300 = 9.90S.F. NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .97S.F. /VENT.
(TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/SOFFITS @ EAVE: N/I @ 0.087SF VENTING/L.F.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

ATTIC VENTILATION CALCULATIONS

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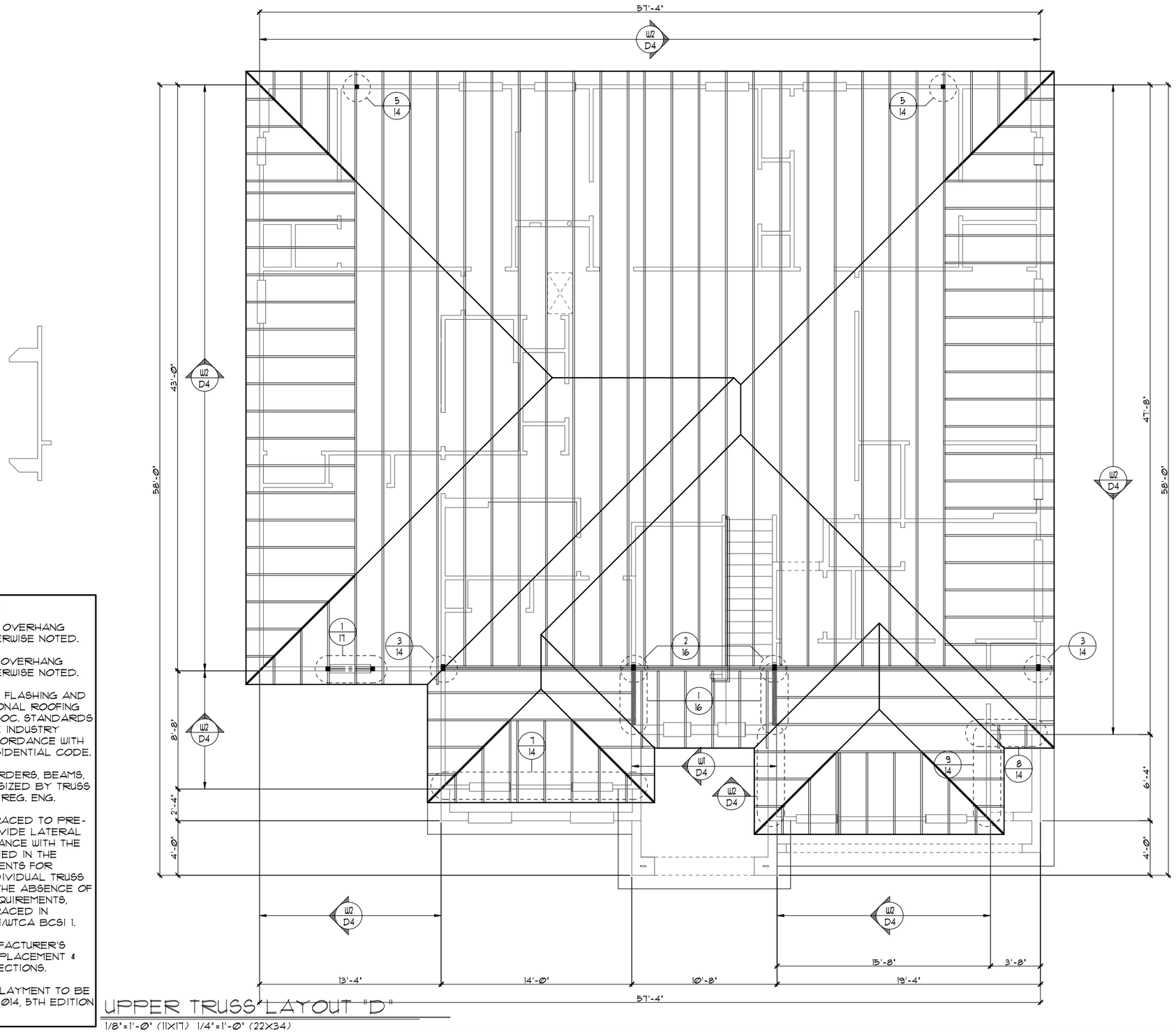
UPPER PORTION VENTILATION TOTAL:------- N/I
PROVIDED W/OFF RIDGE VENTS: N/I VENTS @ .975 /VENT.
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:------- N/I
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-- 8.47S.F.
(N/I @ .087 VENTING PER L.F.)
PLUS OFF ROOF EDGE VENTING: ---------- 0
(0 VENTS @ 0 /VENT)
(VENT TYPE' O'HAGIN MODEL 'S')

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

ADJUST PER LOT SPECIFIC ORIENTATION



UPPER TRUSS LAYOUT "D"
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UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .97S.F. /VENT.
(TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/SOFFITS @ EAVE: N/I @ 0.087SF VENTING/L.F.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

ATTIC VENTILATION CALCULATIONS

PER FBC2014 5TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/150 OF VENTED SPACE:

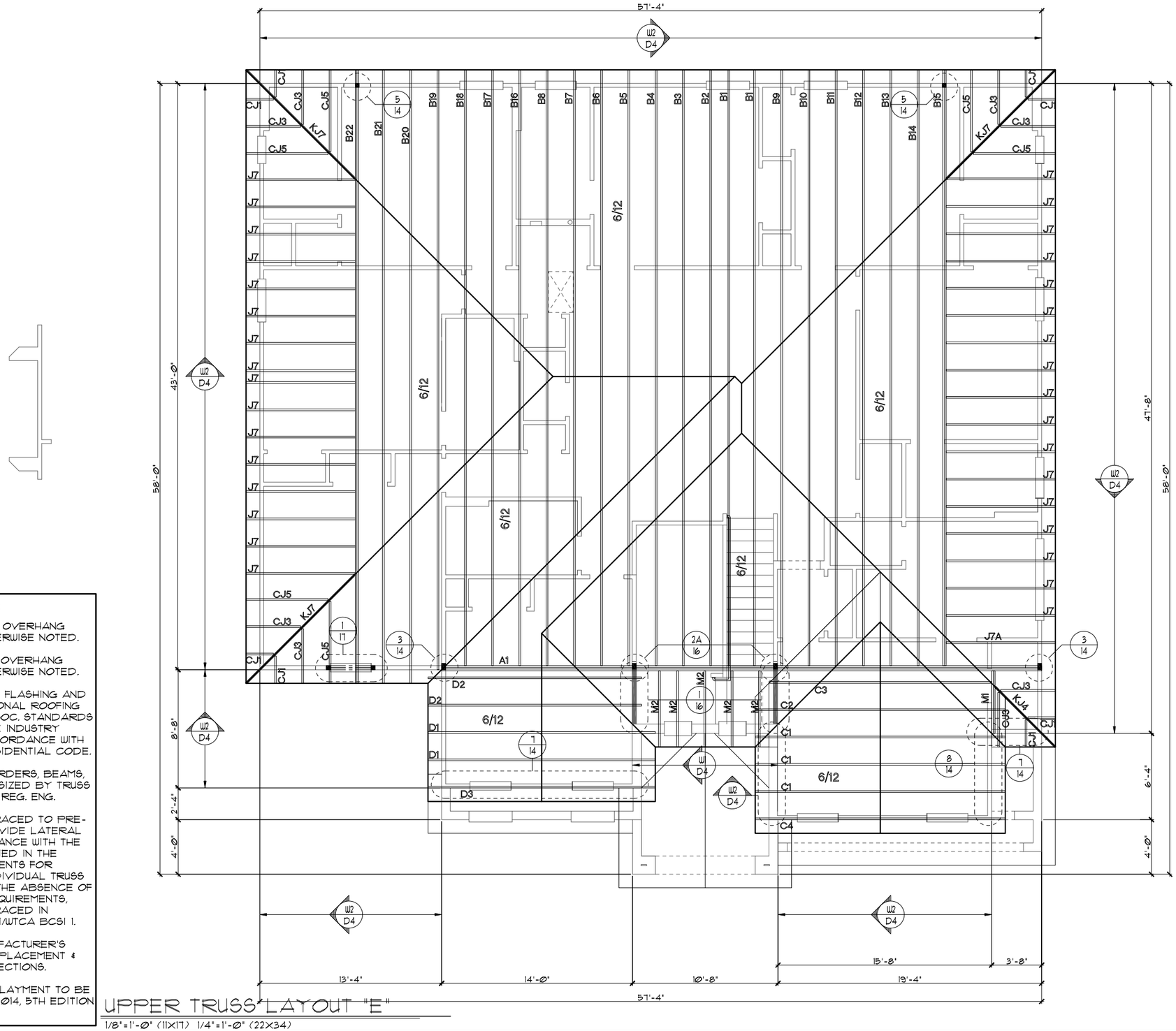
TOTAL VENTED SPACE: 2,971S.F. / 300 = 9.90S.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:------- N/I
PROVIDED W/OFF RIDGE VENTS: N/I VENTS @ .975 /VENT.
(VENT TYPE: O'HAGIN MODEL "S")

LOWER PORTION VENTILATION TOTAL:------- N/I
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-- 8.47S.F.
(N/I @ .087 VENTING PER L.F.)
PLUS OFF ROOF EDGE VENTING: ---------- 0
(0 VENTS @ 0 /VENT)
(VENT TYPE" O'HAGIN MODEL "S")

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

ADJUST PER LOT SPECIFIC ORIENTATION



UPPER TRUSS LAYOUT "E"

1/8"=1'-0" (11X17) 1/4"=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 2010 FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI 1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2014, 5TH EDITION R905.2.7.

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 2014, 5TH EDITION R905.2.7.

NAPA SERIES

REVISIONS	BY
04-06-18	AN

Engineering By:
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Phone: (407) 529 - 3000

Park Square HOMES

THE EL DORADO
NAPA SERIES

UPPER TRUSS LAYOUT "E"

4792

DATE 02-01-16
SCALE AS NOTED
DRAWN RDC
JOB 4792
SHEET 12E.0
OF SHEETS

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2017 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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THE MINIMUM NET VENTILATION AREA SHALL BE 1/150 OF VENTED SPACE:

TOTAL VENTED SPACE: 2,971S.F. / 300 = 9.90S.F. NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .97S.F. /VENT.
(TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/SOFFITS @ EAVE: N/I @ 0.087SF VENTING/L.F.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

ATTIC VENTILATION CALCULATIONS

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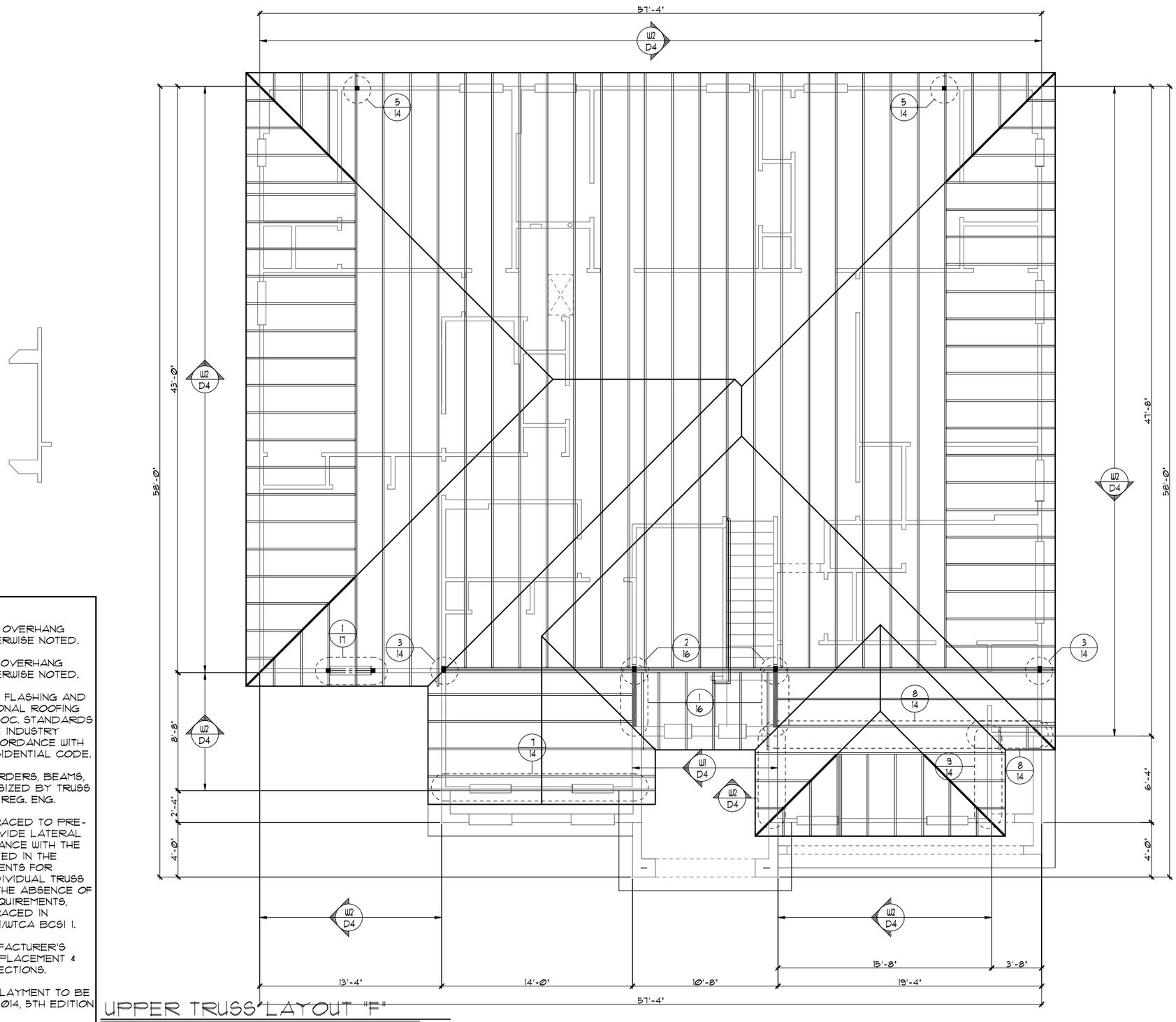
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:------- N/I
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--- 8.47S.F.
(N/I @ .087 VENTING PER L.F.)
PLUS OFF ROOF EDGE VENTING: ---------- 0
(0 VENTS @ 0 /VENT)
(VENT TYPE' O'HAGIN MODEL 'S')

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

ADJUST PER LOT SPECIFIC ORIENTATION



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

NOTES

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NAPA SERIES

REVISIONS	BY
04-06-18	AN

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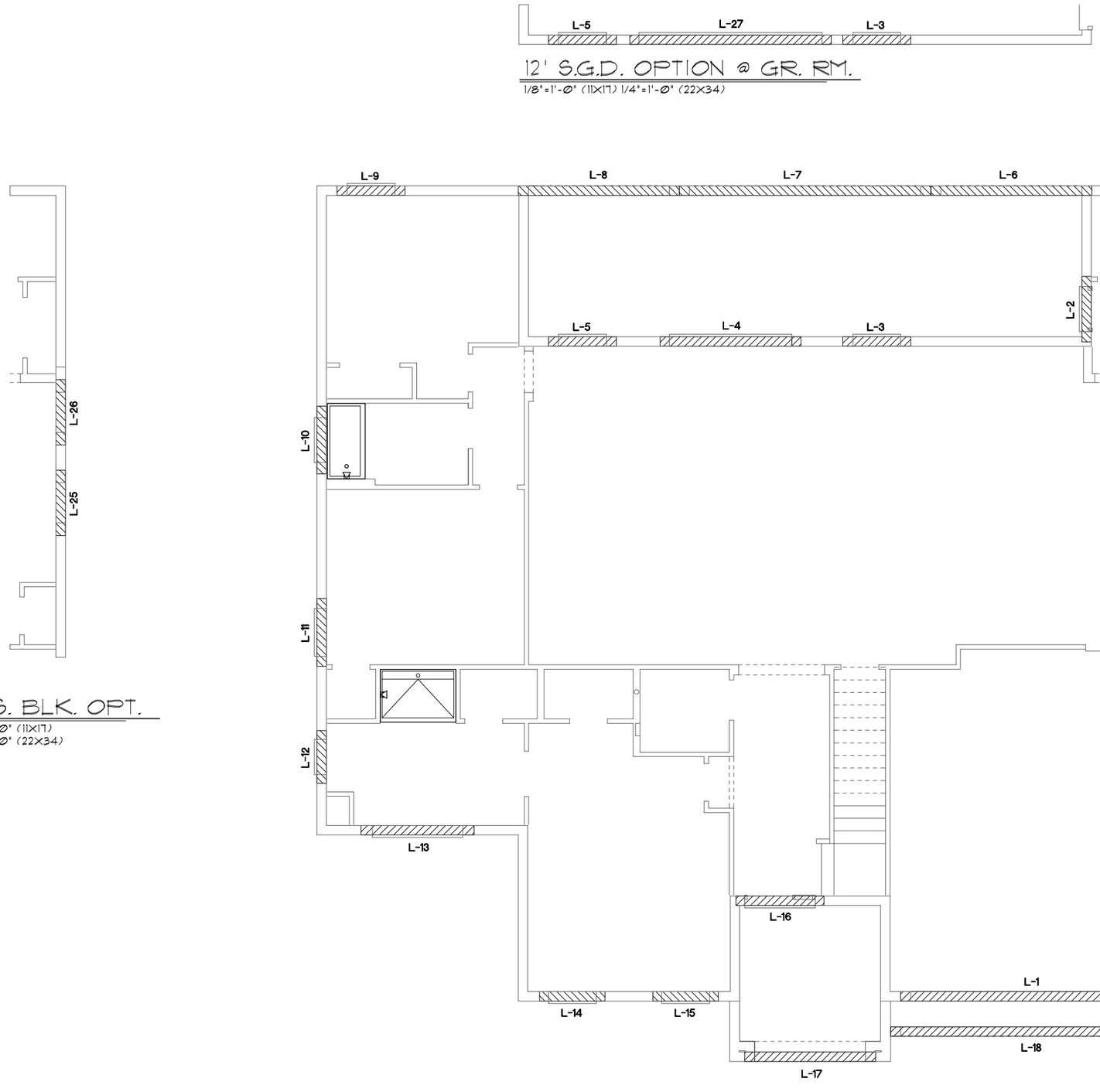
UPPER TRUSS LAYOUT "F"

THE EL DORADO
NAPA SERIES

4792

DATE 02-01-16
SCALE AS NOTED
DRAWN RDC
JOB 4792
SHEET 12F.0
OF SHEETS



12' S.G.D. OPTION @ GR. RM.

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

GLS. BLK. OPT.

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

CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F34-1B/IT	GARAGE DOOR
L-2	4'-4"	8RF12-0B/IT	2680 1-LITE DR.
L-3	4'-6"	8F16-0B/IT	SH25
L-4	9'-4"	8F16-0B/IT	8/0X8/0 S.G.D.
L-5	4'-6"	8F16-0B/IT	SH25
L-6	10'-6"	8F16-1B/IT	REAR LANAI
L-7	16'-8"	8F16-1B/IT	REAR LANAI
L-8	10'-6"	8F16-1B/IT	REAR LANAI
L-9	4'-6"	8F16-0B/IT	SH25
L-10	4'-6"	8F16-0B/IT	3/4X1/0 F.G.
L-11	4'-6"	8F16-0B/IT	SH25
L-12	3'-6"	8F16-0B/IT	SH1H5
L-13	7'-6"	8F8-0B/IT	6/0X1/0 F.G.
L-14	4'-6"	8F16-0B/IT	SH25
L-15	4'-6"	8F16-0B/IT	SH25
L-16	5'-10"	8RF12-0B/IT	FRONT DOOR
L-17	8'-8"	8F40-0B/IT	FRONT ENTRY
L-18	18'-8"	8F24-1B/IT	GARAGE ENTRY
L-19			
L-20			
L-21			
L-22			
L-23			
L-24			
L-25	4'-4"	8RF60-1B/IT	OPT. GLASS BLOCK
L-26	4'-4"	8RF60-1B/IT	OPT. GLASS BLOCK
L-27	13'-4"	8F16-0B/IT	OPT. 12/0X8/0 S.G.D.
L-28			
L-29			
L-30			
L-31			
L-32			
L-33			
L-34			
L-35			
L-36			
L-37			
L-38			
L-39			
L-40			

PRE CAST LINTEL LAYOUT "D"

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

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04-06-18	AN

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Park Square HOMES

PRE CAST LINTEL LAYOUT

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	13D.0
OF	SHEETS

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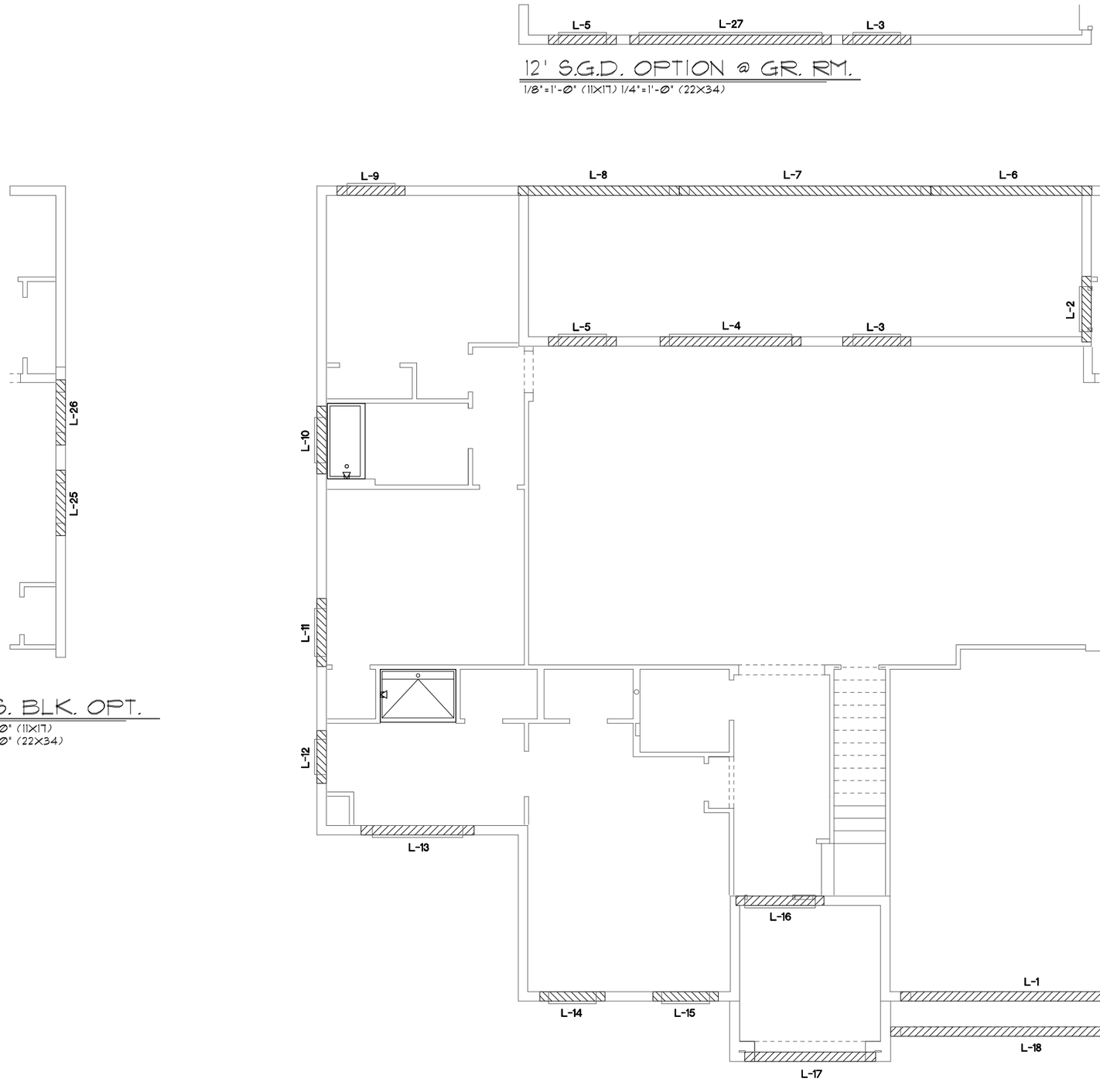

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GLS. BLK. OPT.

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

CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F34-1B/IT	GARAGE DOOR
L-2	4'-4"	8RF12-0B/IT	2680 1-LITE DR.
L-3	4'-6"	8F16-0B/IT	SH25
L-4	9'-4"	8F16-0B/IT	8/0X8/0 S.G.D.
L-5	4'-6"	8F16-0B/IT	SH25
L-6	10'-6"	8F16-1B/IT	REAR LANAI
L-7	16'-8"	8F16-1B/IT	REAR LANAI
L-8	10'-6"	8F16-1B/IT	REAR LANAI
L-9	4'-6"	8F16-0B/IT	SH25
L-10	4'-6"	8F16-0B/IT	3/4X1/0 F.G.
L-11	4'-6"	8F16-0B/IT	SH25
L-12	3'-6"	8F16-0B/IT	SH1H5
L-13	7'-6"	8F8-0B/IT	6/0X1/0 F.G.
L-14	4'-6"	8F16-0B/IT	SH25
L-15	4'-6"	8F16-0B/IT	SH25
L-16	5'-10"	8RF12-0B/IT	FRONT DOOR
L-17	8'-8"	8F40-0B/IT	FRONT ENTRY
L-18	18'-8"	8F24-1B/IT	GARAGE ENTRY
L-19			
L-20			
L-21			
L-22			
L-23			
L-24			
L-25	4'-4"	8RF60-1B/IT	OPT. GLASS BLOCK
L-26	4'-4"	8RF60-1B/IT	OPT. GLASS BLOCK
L-27	13'-4"	8F16-0B/IT	OPT. 12/0X8/0 S.G.D.
L-28			
L-29			
L-30			
L-31			
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L-34			
L-35			
L-36			
L-37			
L-38			
L-39			
L-40			

PRE CAST LINTEL LAYOUT "E"

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

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REVISIONS	BY
04-06-18	AN

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Park Square HOMES

PRE CAST LINTEL LAYOUT

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	13E.0
OF	SHEETS

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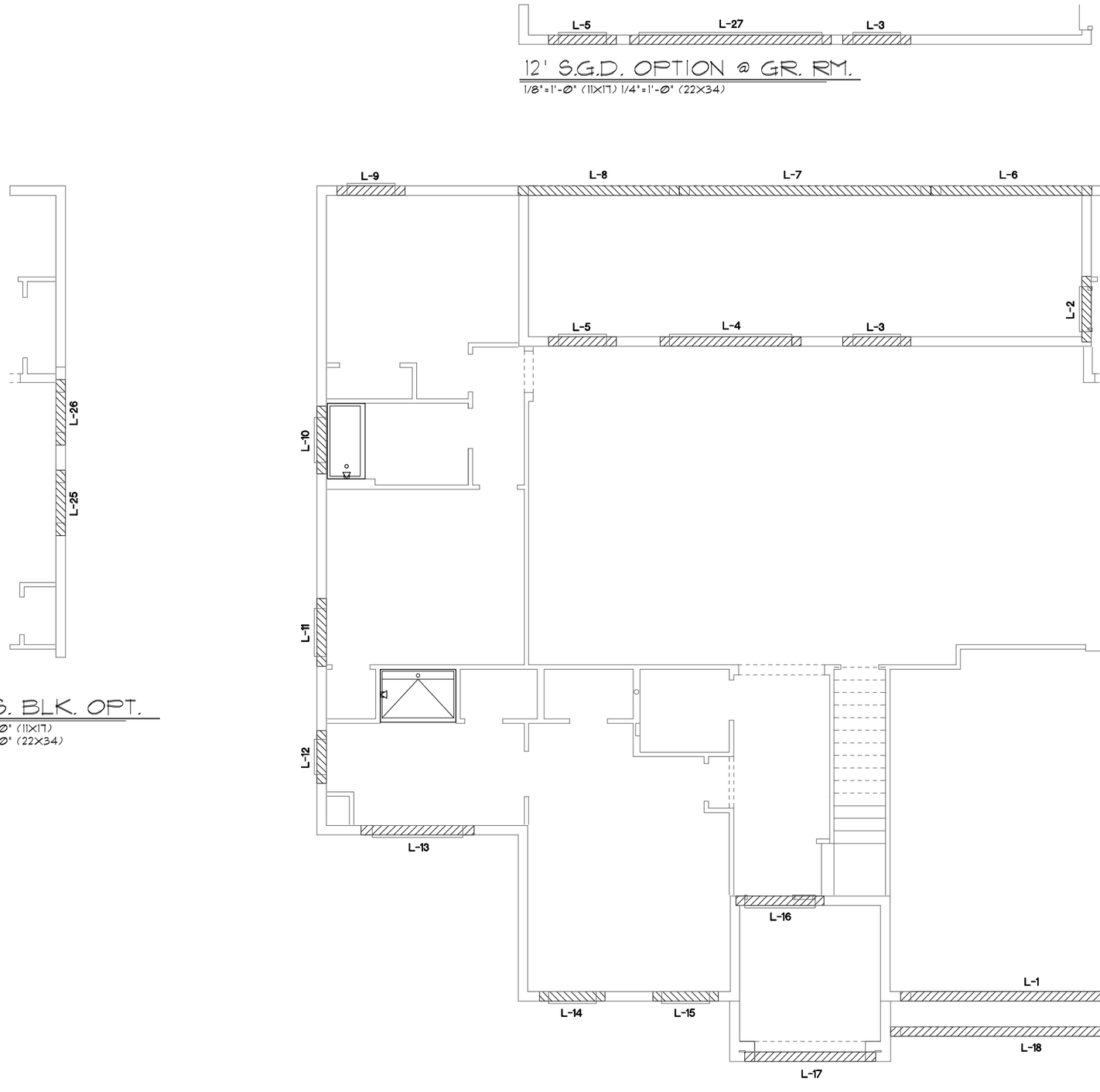

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L-1	17'-4"	8F34-1B/IT	GARAGE DOOR
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L-3	4'-6"	8F16-0B/IT	SH25
L-4	9'-4"	8F16-0B/IT	8/0X8/0 S.G.D.
L-5	4'-6"	8F16-0B/IT	SH25
L-6	10'-6"	8F16-1B/IT	REAR LANAI
L-7	16'-8"	8F16-1B/IT	REAR LANAI
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L-9	4'-6"	8F16-0B/IT	SH25
L-10	4'-6"	8F16-0B/IT	3/4X1/0 F.G.
L-11	4'-6"	8F16-0B/IT	SH25
L-12	3'-6"	8F16-0B/IT	SH1H5
L-13	7'-6"	8F8-0B/IT	6/0X1/0 F.G.
L-14	4'-6"	8F16-0B/IT	SH25
L-15	4'-6"	8F16-0B/IT	SH25
L-16	5'-10"	8RF12-0B/IT	FRONT DOOR
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L-19			
L-20			
L-21			
L-22			
L-23			
L-24			
L-25	4'-4"	8RF60-1B/IT	OPT. GLASS BLOCK
L-26	4'-4"	8RF60-1B/IT	OPT. GLASS BLOCK
L-27	13'-4"	8F16-0B/IT	OPT. 12/0X8/0 S.G.D.
L-28			
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L-36			
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L-38			
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L-40			

PRE CAST LINTEL LAYOUT "F"

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PRE CAST LINTEL LAYOUT

THE EL DORADO

NAPA SERIES

4792

DATE	02-01-16
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SHEET	13F.0
OF	SHEETS

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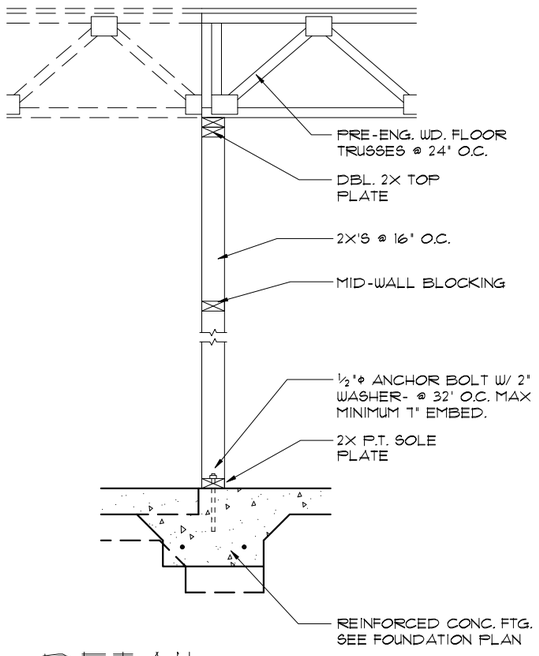
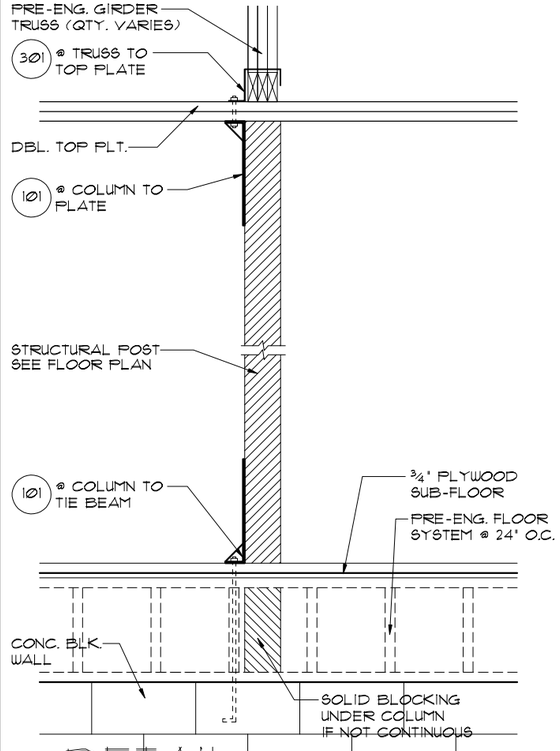


4/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



3/14 DETAIL
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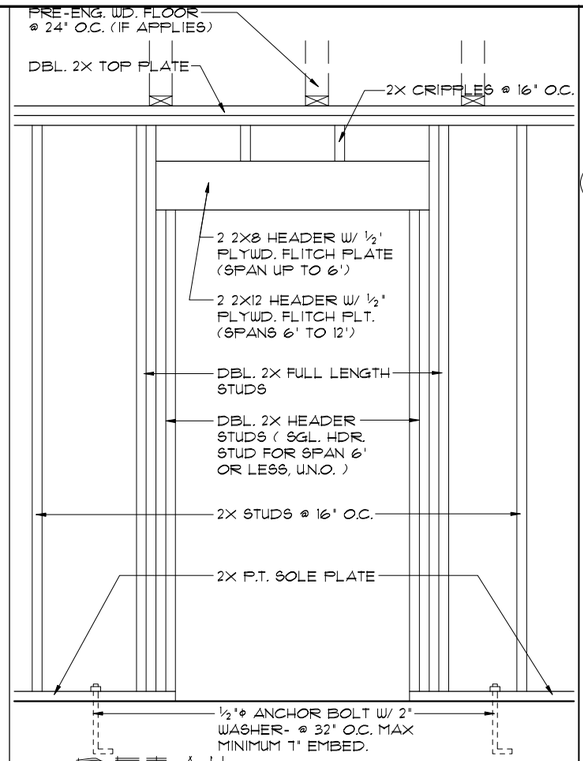

2/14 DETAIL (BRG. W/O UPLIFT)
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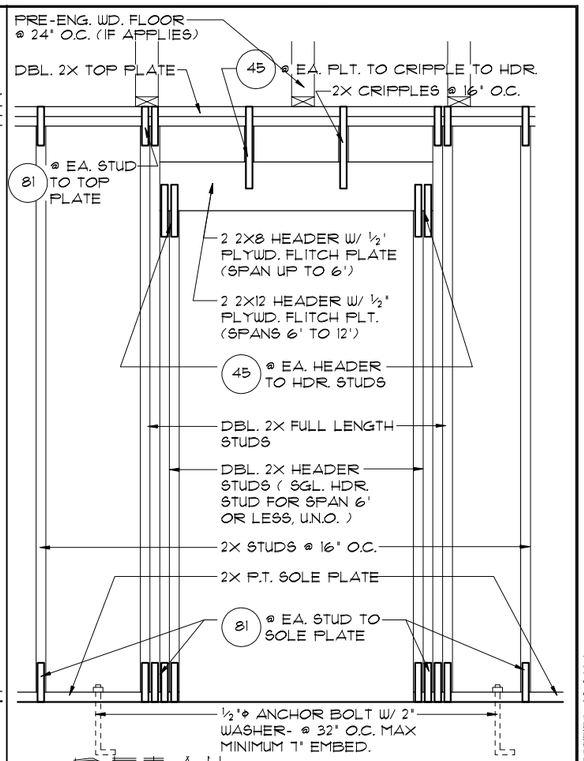
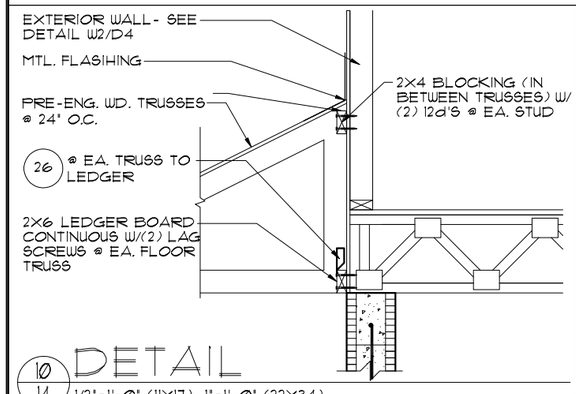
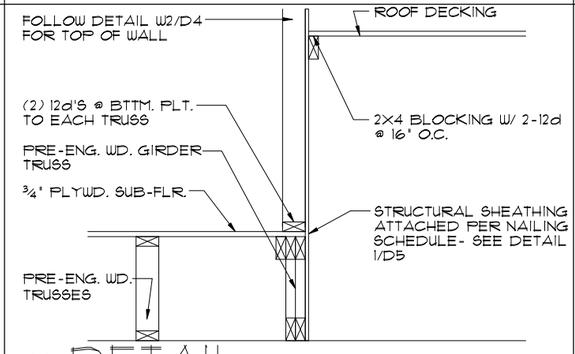


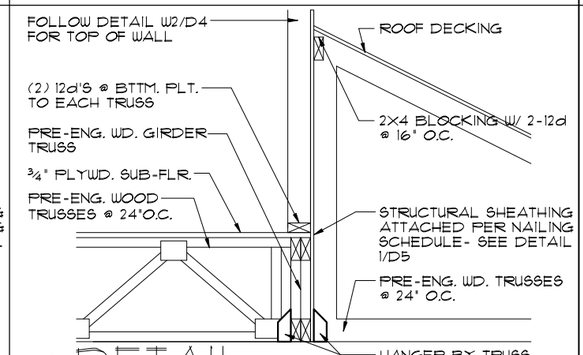
1/14 DETAIL (BRG. W/ UPLIFT)
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



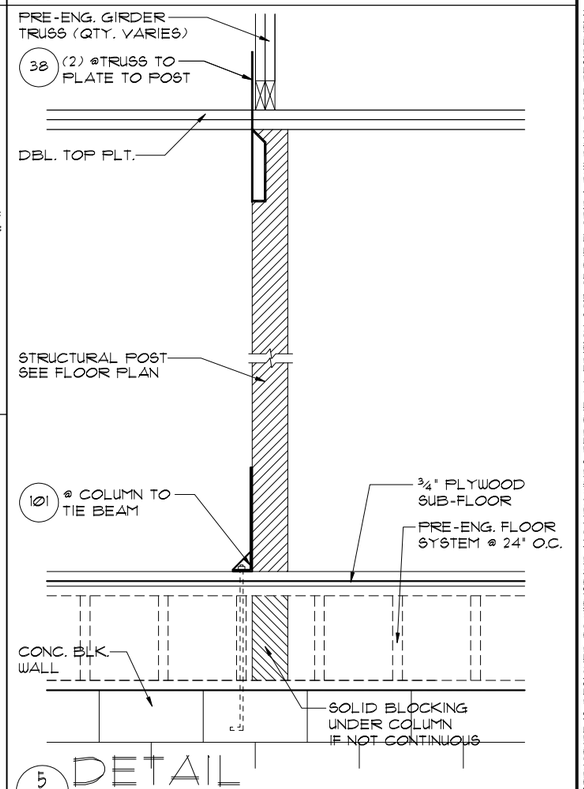
10/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



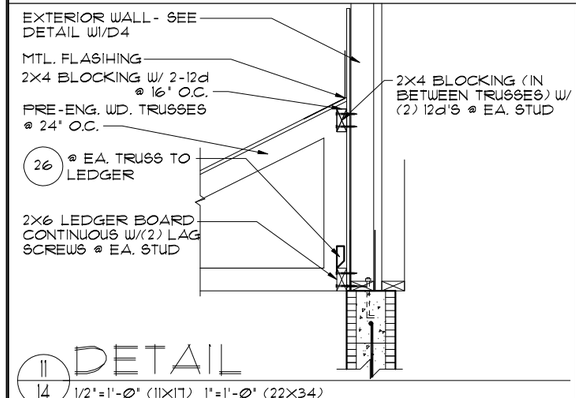
8/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



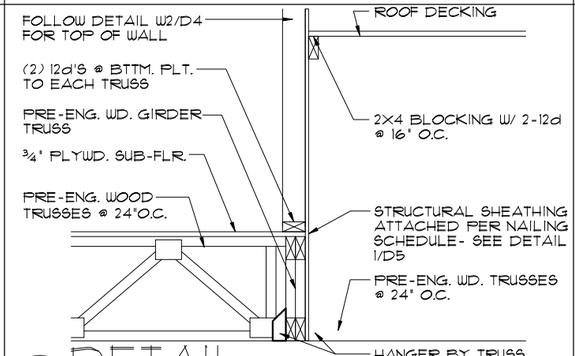
6/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



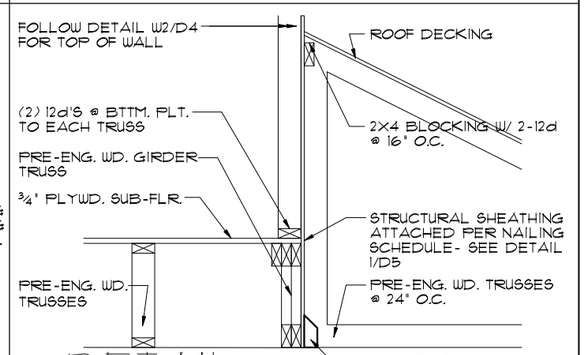
5/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



11/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



9/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



7/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2017 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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NAPA SERIES

REVISIONS	BY
04-06-18	AN

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Park Square HOMES

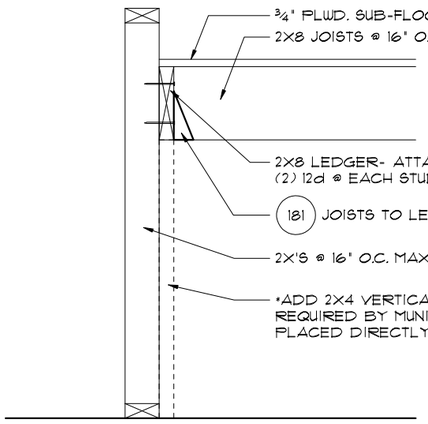
TYPICAL DETAILS

THE EL DORADO

NAPA SERIES

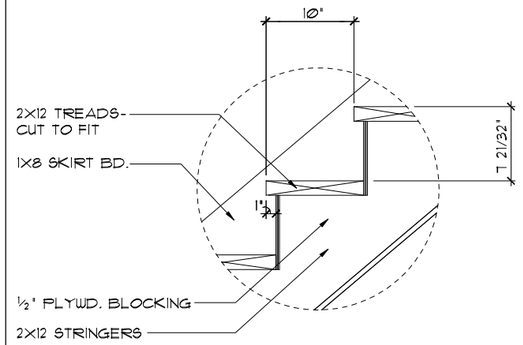
4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	14
OF	SHEETS



4/15 TYP. STAIR CONNECT.

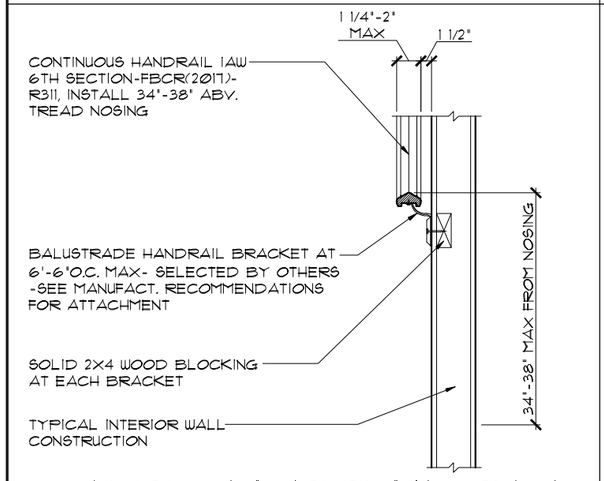
3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") PLATFORM FRAMING



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

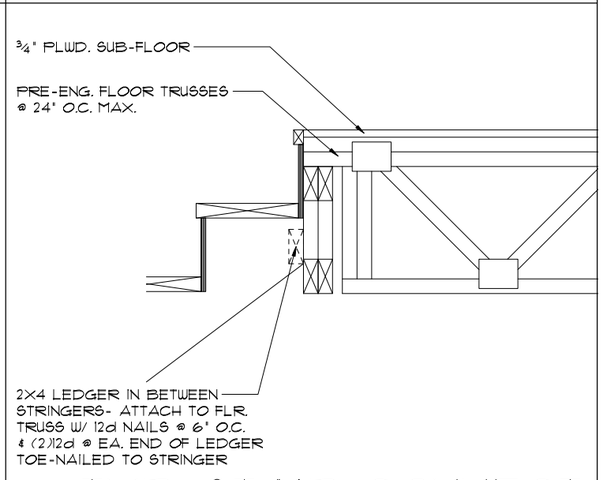
1/15 STAIR DETAIL

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



5/15 TYP. HANDRAIL DET.

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



2/15 TYP. STAIR CONNECT.

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

NOTES:

STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2017, 6TH EDITION SECTION R311.7

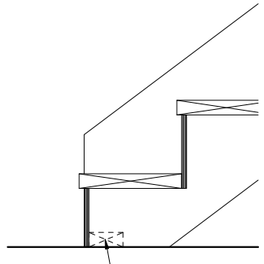
MAX. HGT. OF RISER TO BE 7¾"
MIN. WIDTH OF TREAD TO BE 9"(EXCLUSIVE OF NOSING)
ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING
3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER
3/8" MAX. VARIATION IN ANY RISER/TREAD

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

WINDERS: MIN. 6" WIDE @ NARROW END

34"MIN.-38"MAX., HANDRAIL HGT.

HEADROOM CLEARANCE MIN. 6'-8"



3/15 TYP. STAIR CONNECT.

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

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON DESCRIPTION	SIMPSON FASTENERS PER CONNECTOR	USP DESCRIPTION	USP FASTENERS PER CONNECTOR	MAX. UPLIFT	LAT. LDS. F1 / F2
4	HETA20	14-10d x 1½"	ETA20	14-10d	1,810	65 / 960
5	DETAL20	18-10d x 1½"	N/A	N/A	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT:6-8dx1½"/PLT:4-8d	RT15	RFT:5-8dx1½"/PLT:5-8d	475	485 / 165
22	H10A	RFT: (9)10d x 1 1/2" PLT: (9)10d x 1 1/2"	RT16	RFT: 8-8d x 1½" PLT: 8-8d	930	585/525
23	LUS26	HDR: 4-10d/JST: 4-10d	JUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7Z	RFT / TRS: (4)8d PLT / STD: (2)8dX 1 1/2" (8)8D	RT20	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H2.5A	RFT:5-8d / PLT: 5-8d	RT7	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	MP34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	MPA1F	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
37	MTS12	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	SPT22	STD:4-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	SPT224	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	TP4,6,48	12-10d x 1½"	885	N/A
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
89	CB66	(2) ⅝" BOLTS	PA8X8	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: ⅞" BOLT STUD:(3) ⅞"X5½" BOLTS	HHD8A	SILL: ⅞" BOLT STUD:(3) ⅞"X5½" BOLTS	7,910	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	MPA1	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
98-101	HTT4	⅝" BOLT/ 18-16dX2½"	N/A	N/A	3,640	N/A
97-100-102	HTT5	⅝" BOLT/ 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS¼"X3"/(2) ⅝" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT/20-SDS ¼"x2½"	N/A	N/A	5,020	N/A
110	HCP2	12-10d x 1½"	HHCP2	20-10d x 1½"	520	260 / N/A
167	HHUS46	H:14-16d/J:6-16d	THD46	H:8-18d/J:12-10d	1,550	N/A
168	U46	H:8-10d/J:4-10d	SUH46	H:8-16d/J:4-16d	710	N/A
181	HUS26	20-16d	THD26	H:20-16d/J:10-10d	1,550	N/A
184	HHUS28-2	G:28-16d / T:8-16d	EHUH28-2	12-16d	2,000	N/A
214	HUC212-3TF	HD:16-3/16"X1½" TAPCON BM: 6-16d	HDO212-3	HD:18-3/16"X1½" TAPCON BM: 6-10d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	EHUH210-2	HDR:40-16d/JST:16-10d	2,720	N/A
216	HUS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	HUS212-2	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR¾X8 TOP&FACE JOIST: 18-10d	NFM35X12U	H:1-½" J-BOLT J:5-½" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK:½"Φ J /JST:14-10d	1,620	N/A
226	MBHA4.75/12	HDR : (2) ¾"Φ x 8" JOIST : 18-10d	NFM45U	HDR : MIN. ½"Φ "J" BOLT JOIST : (5) ½"Φ BOLTS	2,160	N/A
231	MBHA3.56/16	HDR : (2) ¾"Φ x 8" JOIST : 18-10d	NFM3.5X16U	HDR :MIN. ½"ΦxJ-BOLTS JOIST : (5) ½"Φ BOLTS	3,450	N/A
232	MBHA5.50/16	HDR : (2) ¾"Φ x 8" JOIST : 18-10d	NFM5.5X16U	HDR :MIN. ½"ΦxJ-BOLTS JOIST : (5) ½"Φ BOLTS	3,450	N/A
240	H15	R:4-10dx1½"/P:4-10dx1½"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2000	1015 / 440
301	MGT	(1) ¾"BLTS./GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL:¾"BLTS./GIR: 8-10d	USC63	LTL:¾"BLTS./GIR: 8-16d	6485	N/A
303	HGT-4	LTL:¾"BLTS./GIR: 16-10d	N/A	N/A	9,250	N/A
401	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					

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NAPA SERIES

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04-06-18	AN

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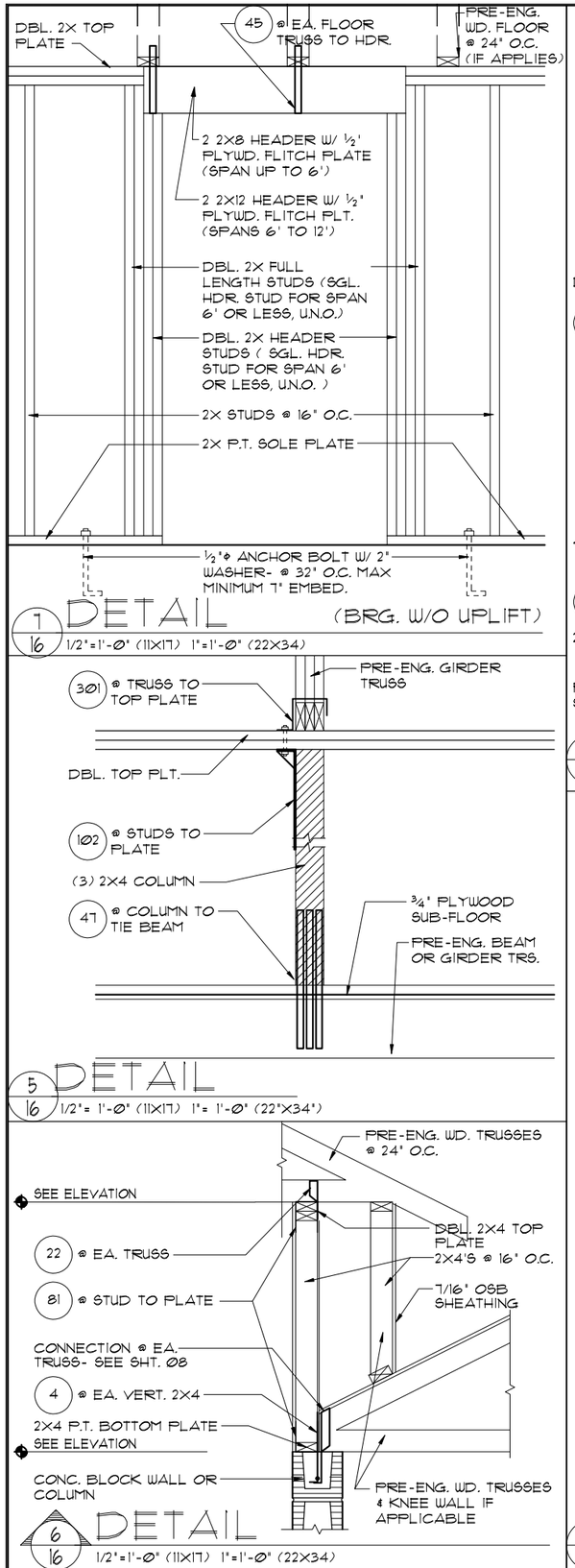
TYPICAL DETAILS / CONNECTOR SCHEDULE

THE EL DORADO
NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	15
OF	SHEETS



7/16 DETAIL (BRG. W/O UPLIFT)

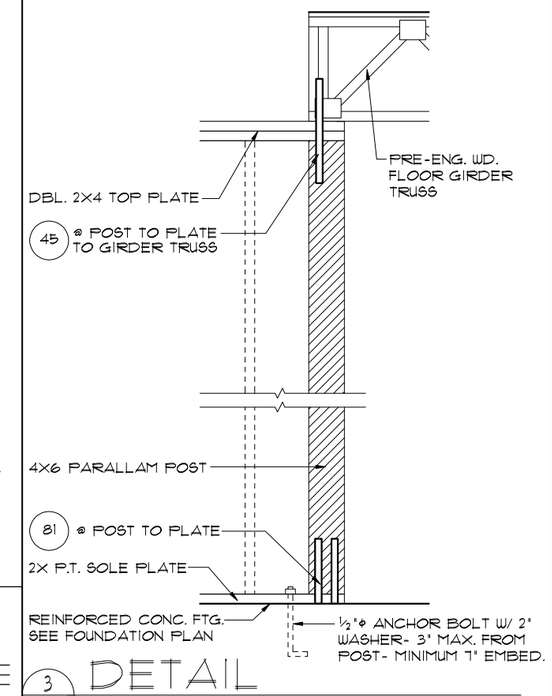
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

5/16 DETAIL

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

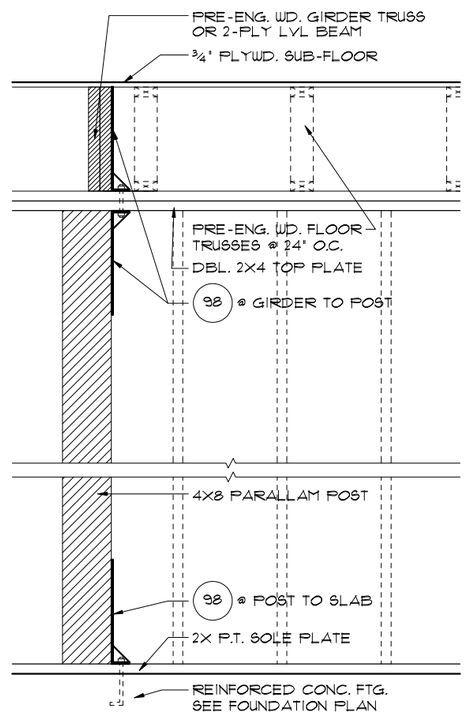
6/16 DETAIL

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



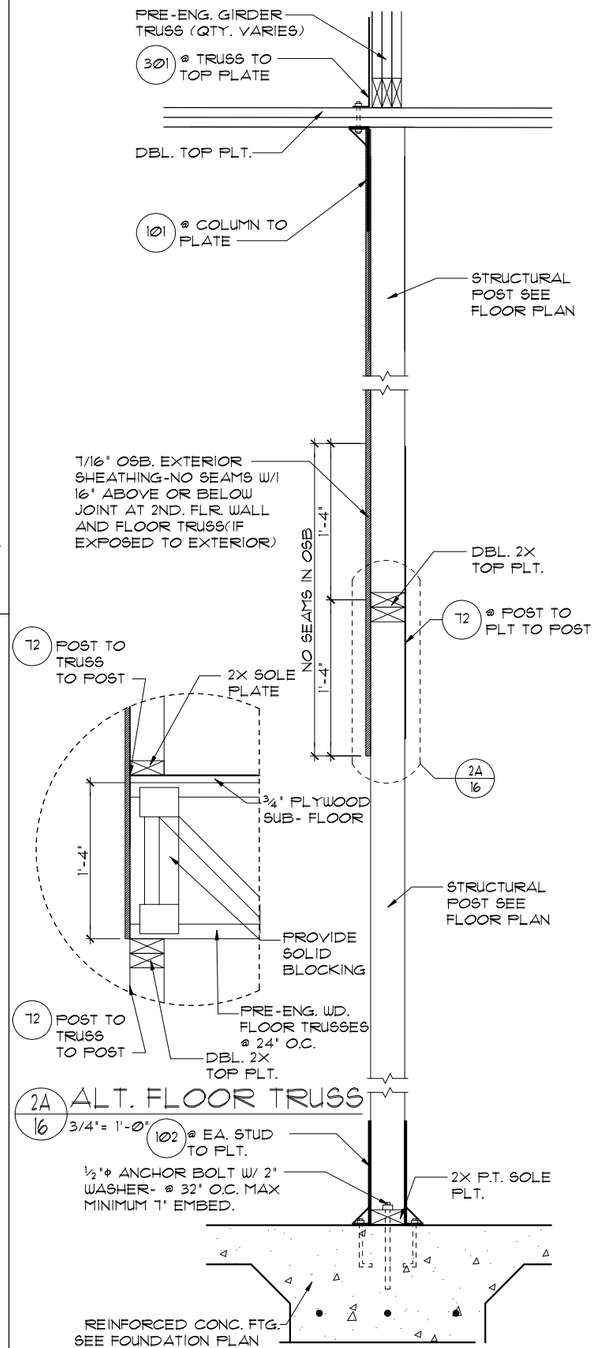
3/16 DETAIL

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



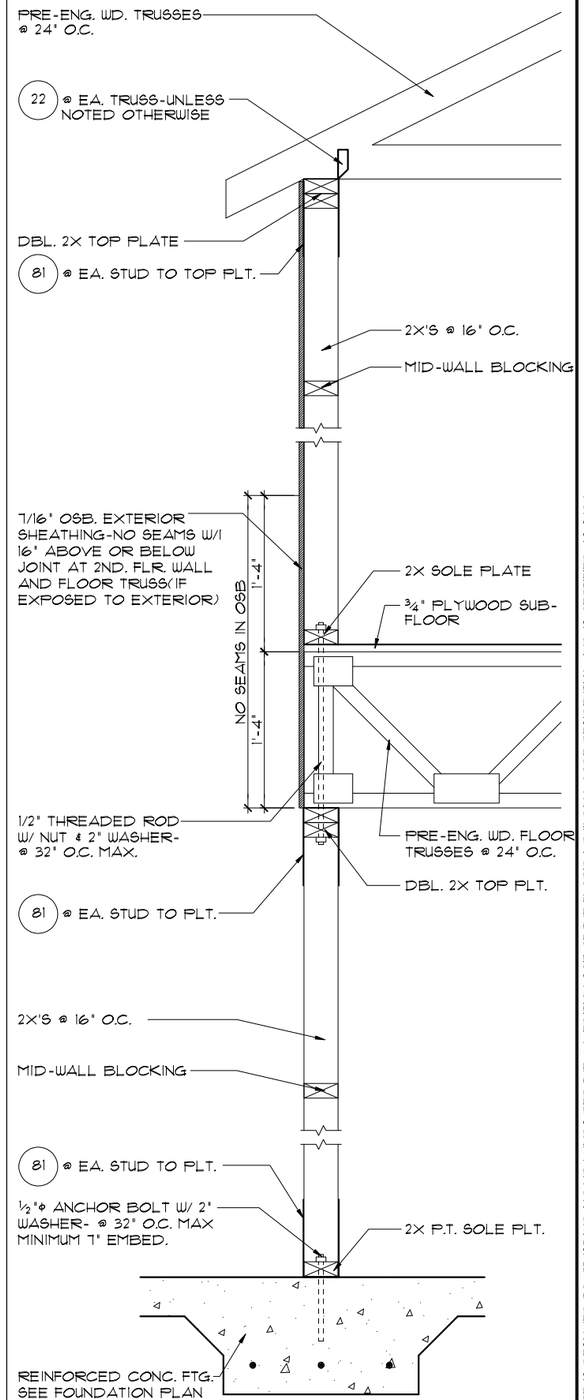
4/16 DETAIL

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



2/16 DETAIL

3/4"=1'-0" (11X17) 1½"=1'-0" (22X34)



1/16 DETAIL

3/4"=1'-0" (11X17) 1½"=1'-0" (22X34)

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TYPICAL DETAILS

THE EL DORADO

NAPA SERIES

4792

DATE	Ø2-Ø1-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	16
OF	SHEETS

SAFE LOAD TABLES

FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

GRAVITY

LENGTH \ TYPE	BU8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
		3166	4473	6039	7526	9004	10472	11936
3'-6" (42") PRECAST	2302	3138	3371	4688	6001	7315	8630	9947
		3166	4473	6039	7526	9004	10472	11936
4'-0" (48") PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
		2646	4473	6039	7526	9004	10472	11936
4'-6" (54") PRECAST	1651	1787	1913	2657	3403	4149	4896	5644
		2710	4021	6039	7526	9004	10472	11936
5'-4" (64") PRECAST	1184	1223	1301	1809	2317	2826	3336	3846
		1665	2889	5097	6096	5400	6424	7450
5'-10" (70") PRECAST	972	1000	1099	1414	1889	2304	2721	3137
		1459	2464	4144	5458	4431	5280	6122
6'-6" (78") PRECAST	837	1255	2101	3263	2146	3358	3971	4585
		1255	2101	3396	5260	7134	8995	6890
7'-6" (90") PRECAST	767	1029	1675	2385	1984	2439	2886	3333
		1029	1675	2610	3839	5596	6613	5047
9'-4" (112") PRECAST	513	632	1049	1469	1210	1482	1754	2027
		768	1212	1818	2544	3469	4030	3121
10'-6"(126") PRECAST	456	482	802	1125	915	1122	1328	1535
		658	1025	1514	2081	2714	3130	2404
11'-4" (136") PRECAST	445	598	935	1369	1854	2385	1793	2075
		598	935	1369	1854	2441	3359	4044
12'-0" (144") PRECAST	414	545	864	1254	1693	2211	2832	3590
		555	864	1254	1693	2211	2832	3590
13'-4" (160") PRECAST	362	427	726	1028	1331	1635	1224	1418
		485	748	1076	1438	1855	2343	2820
14'-0"(168") PRECAST	338	381	648	913	1180	1462	1087	1260
		455	700	1003	1335	1714	2153	2666
14'-8" (176") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		465	765	1370	2045	2610	3185	3765
15'-4" (184") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		420	695	1250	1855	2370	2890	3410
17'-4" (208") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		310	530	950	1400	1800	2200	2600
19'-4" (232") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		240	400	750	1090	1400	1720	2030
21'-4" (256") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		183	330	610	940	1340	1780	2110
22'-0" (264") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		160	300	570	870	1250	1660	1970
24'-0" (288") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		130	240	470	720	1030	1350	1610

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

GRAVITY

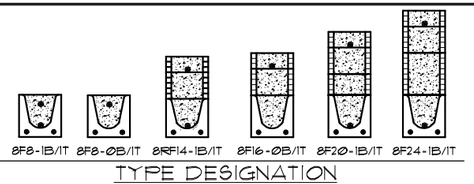
LENGTH \ TYPE	BRU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
		8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B
4'-4" (52") PRECAST	1489	1581	3053	2982	3854	4929	5904	6880
		1821	3412	4982	6472	7947	9416	10818
4'-6" (54") PRECAST	1357	1449	2782	2714	3600	4481	5375	6264
		1702	3412	4982	6472	7947	9416	10818
5'-8" (68") PRECAST	785	832	1602	1550	2058	2566	3075	3585
		1153	2162	4074	6472	6516	5814	6839
5'-10" (70") PRECAST	735	778	1500	1448	1924	2400	2876	3352
		1103	2051	3811	6472	6516	5450	6411
6'-8" (80") PRECAST	822	907	1671	2933	2576	3223	3872	4522
		907	1671	2933	4800	6730	8171	6707
7'-6" (90") PRECAST	665	761	1377	2282	1958	2451	2944	3438
		764	1377	2329	3609	5492	6624	5132
9'-8" (116") PRECAST	371	420	834	1293	1811	1342	1614	1886
		535	928	1491	2178	2618	3595	2875

8" PRECAST & PRESTRESSED U-LINTELS

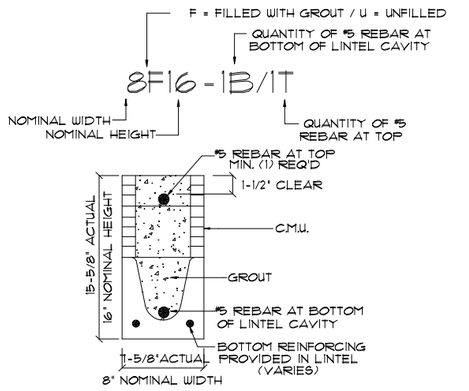
UPLIFT

LENGTH \ TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	LATERAL	
	8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T	BU8	8F8
2'-10" (34") PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021
	2727	2784	3981	5180	6407	7630	8857		
3'-6" (42") PRECAST	2165	2289	3260	4237	5278	6264	7782	1257	1257
	2165	2215	3165	4125	5091	6061	7036		
4'-0" (48") PRECAST	1818	1989	2832	3680	4532	5381	6245	938	938
	1818	1925	2750	3583	4422	5264	6110		
4'-6" (54") PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727
	1660	1705	2435	3171	3913	4658	5406		
5'-4" (64") PRECAST	1393*	1484	2110	2741	3375	4010	4648	505	505
	1393	1437	2050	2670	3293	3920	4549		
5'-10"(70") PRECAST	1272*	1357	1930	2505	3084	3665	4247	418	418
	1272	1315	1875	2441	3010	3583	4157		
6'-6" (78") PRECAST	1141*	1200	1733	2250	2769	3292	3812	707	887
	1141	1182	1684	2192	2703	3216	3732		
7'-6" (90") PRECAST	959*	912	1475	1914	2354	2797	3240	591	657
	959	1025	1466	1907	2351	2797	3245		
9'-4" (112") PRECAST	801*	612	980	1269	1560	1852	2144	454	630
	801	755	1192	1550	1910	2271	2634		
10'-6"(126") PRECAST	716*	498	793	1027	1261	1496	1731	396	493
	716	611	1033	1389	1711	2034	2358		
11'-4" (136") PRECAST	666*	439	696	899	1104	1309	1515	363	556
	666	535	909	1295	1593	1896	2198		
12'-0"(144") PRECAST	607*	400	631	816	1001	1186	1372	340	494
	631	486	818	1209	1514	1799	20886		
13'-4" (160") PRECAST	500*	340	532	686	841	997	1153	302	398
	573	409	682	1004	1367	1631	1897		
14'-0"(168") PRECAST	458*	316	493	635	778	922	1065	286	360
	548	378	629	922	1254	1561	1816		
14'-8" (176") PRESTRESSED	N.R.	243	295	459	591	724	857	990	
		243	352	582	852	1156	1491	1742	
15'-4" (184") PRESTRESSED	N.R.	228	278	430	553	677	801	925	
		228	329	542	781	1072	1381	1676	
17'-4" (208") PRESTRESSED	N.R.	188	236	361	464	567	670	774	
		188	276	449	649	874	1121	1389	
19'-4" (232") PRESTRESSED	N.R.	165	207	313	401	490	578	667	
		165	239	383	550	736	940	1160	
21'-4" (256") PRESTRESSED	N.R.	145	186	278	356	433	512	590	
		142	212	336	477	635	801	993	
22'-0" (264") PRESTRESSED	N.R.	140	180	268	343	418	493	568	
		131	205	322	457	607	771	947	
24'-0" (288") PRESTRESSED	N.R.	121	165	244	312	380	447	515	
		124	186	290	408	538	680	833	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION



MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. 7/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

GENERAL NOTES

1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

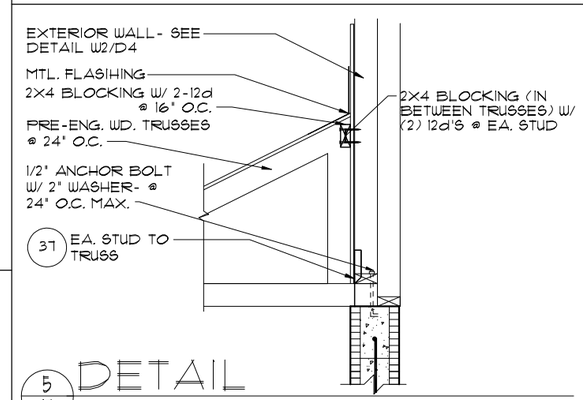
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
7. The designer may evaluate concentrated loads from the safe load tables by calculating the 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" PRECAST W/ 2" RECESS DOOR U-LINTELS

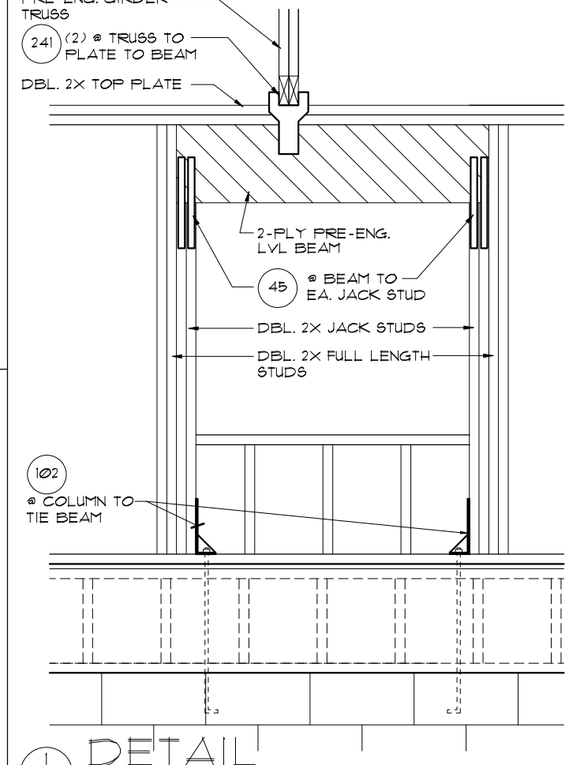
UPLIFT

LENGTH \ TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	LATERAL	
	8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	BRU6	8RF6
4'-4" (52") PRECAST	1244	1513	2413	3260	4112	4967	5825	932	932
	1244	1513	2339	3170	4008	4850	5696		
4'-6" (54") PRECAST	1192	1507	2311	3121	3931	4756	5577	853	853
	1192	1455	2240	3036	3831	4643	5453		
5'-8" (68") PRECAST	924*	1172	1795	2423	3055	3689	4325	501	501
	924	1132	1741	2351	2978	3603	4230		
5'-10" (70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469
	896	1099	1690	2288	2891	3497	4106		
6'-8" (80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
	778	856	1468	1981	2509	3035	3563		
7'-6" (90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941
	688	849	1302	1762	2225	2690	3157		
9'-8" (116") PRECAST	533*	433	808	1123	1413	1704	1995	516	614
	533	527	1009	1369	1728	2088	2450		

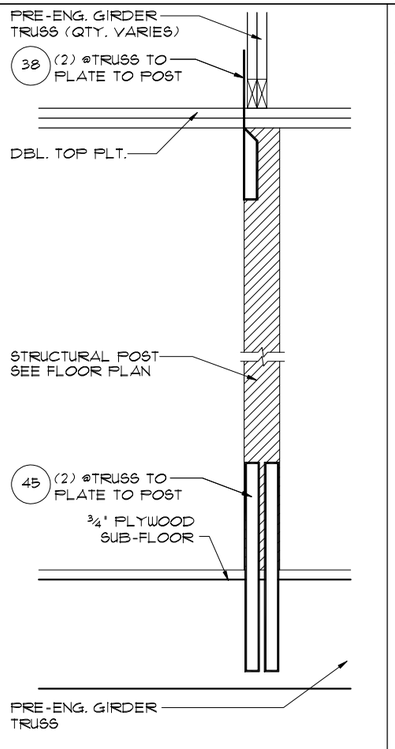
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



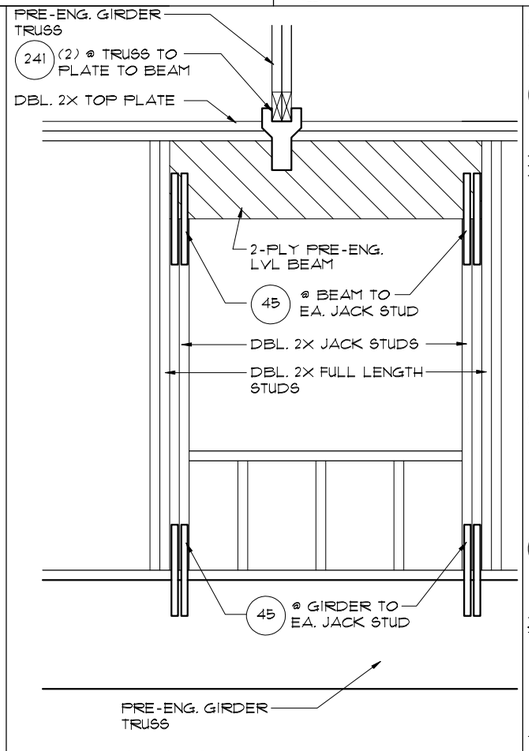
5/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



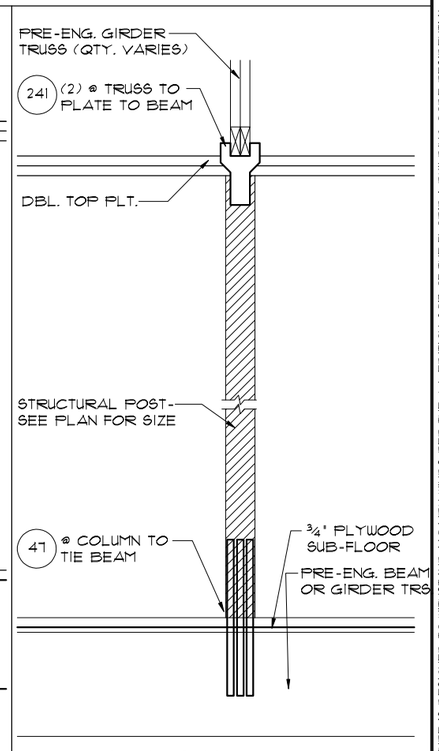
1/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



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



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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2017 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

NAPA SERIES

REVISIONS	BY
04-06-18	AN

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PRE CAST LINTEL DATA / STRUCTURAL DETAILS

THE EL DORADO
NAPA SERIES

4792

DATE	02-01-16
SCALE	AS NOTED
DRAWN	RDC
JOB	4792
SHEET	17
OF	SHEETS