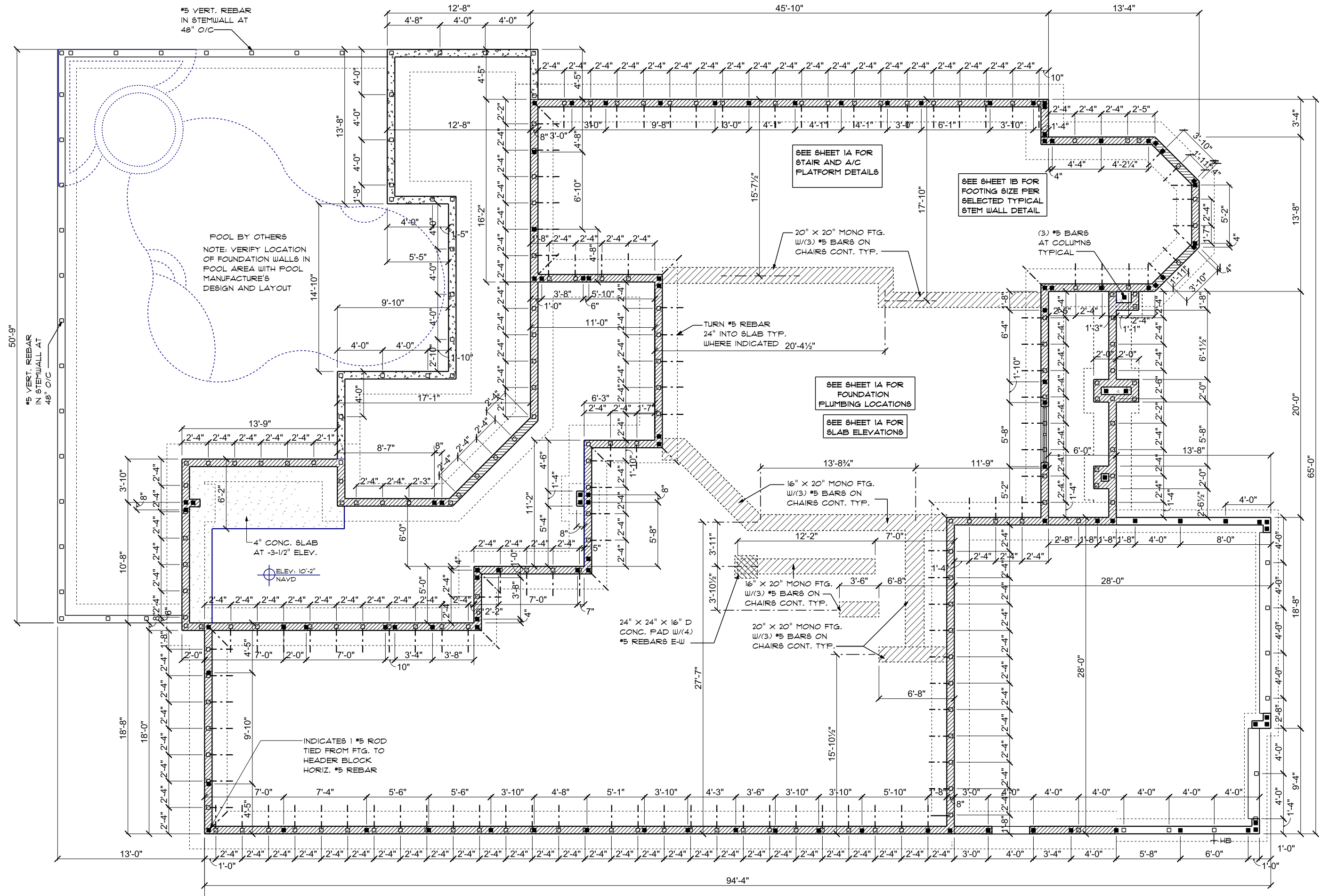




**ALLEN ENGINEERING &
CONSTRUCTION SERVICES**
RICH ALLEN PROFESSIONAL ENGINEER
P.E. #56920 C.A. #9542

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SIGNED _____
RICHARD E. ALLEN P.E. #56920

A.E.C.S # 16028

HEAGLE RESIDENCE

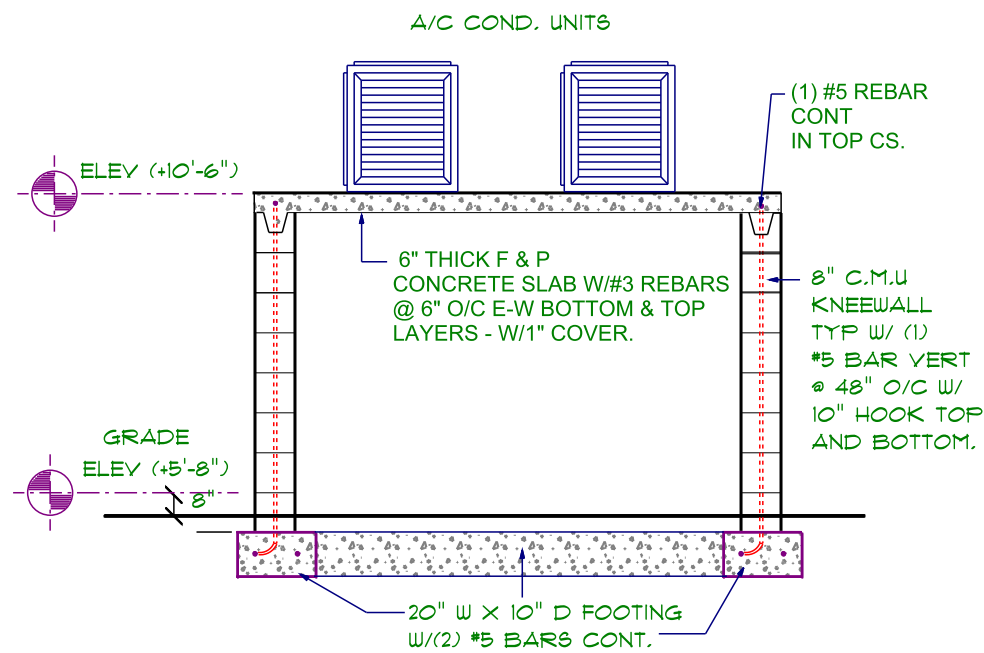
300 CORDOVA BLVD. NE
ST. PETERSBURG, FL 33764

PLAN DATE	(
03-14-2016	
03-28-2016	
04-04-2016	
04-13-2016	
05-02-2016	

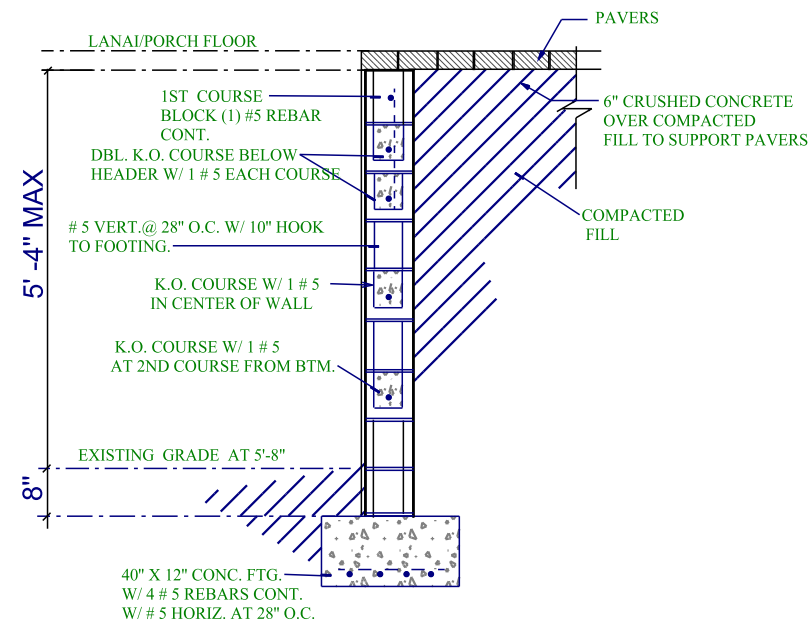
**DEEB FAMILY
HOMES, LTD.**
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

1

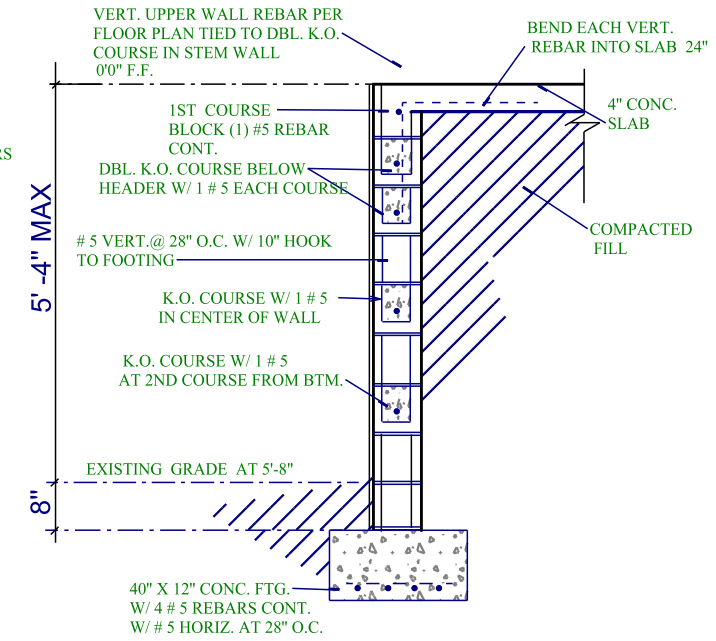
STEMWALL



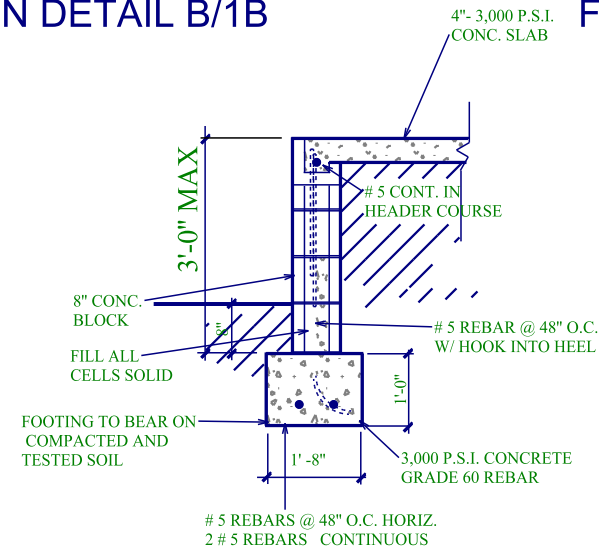
A/C UNIT BASE DETAIL F/1D



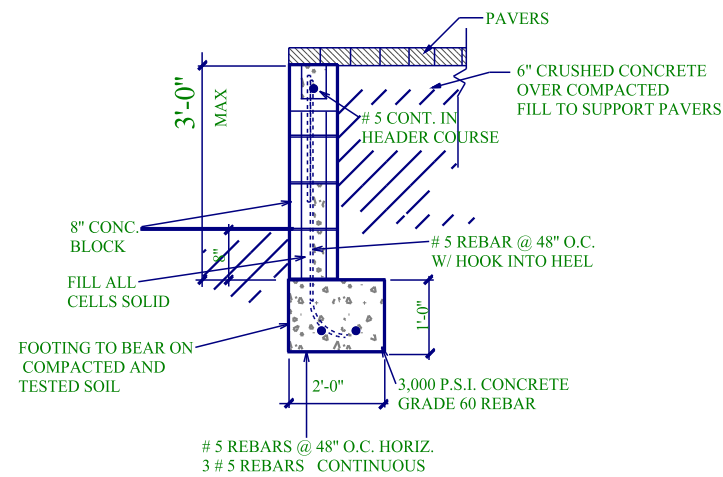
FOUNDATION DETAIL B/1B



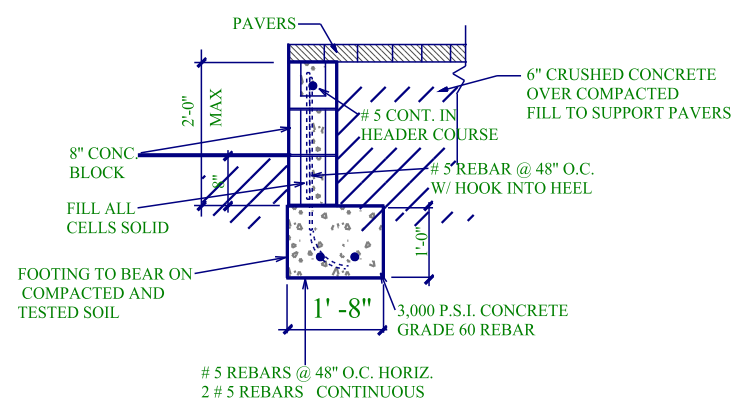
FOUNDATION DETAIL A/1B



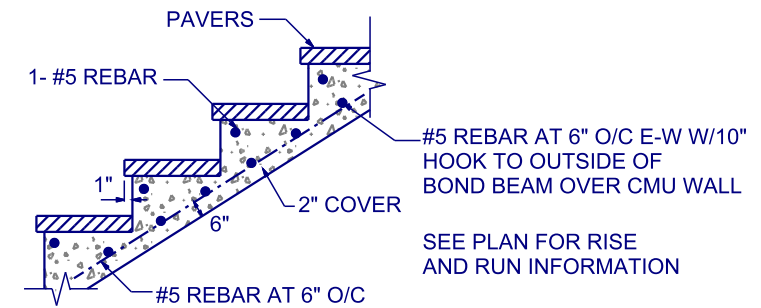
FOUNDATION DETAIL C/1B



FOUNDATION DETAIL D/1B



FOUNDATION DETAIL E/1B



CONC. FORM & POUR STAIR DETAILS

FOUNDATION DETAILS

A.E.C.S # 16028

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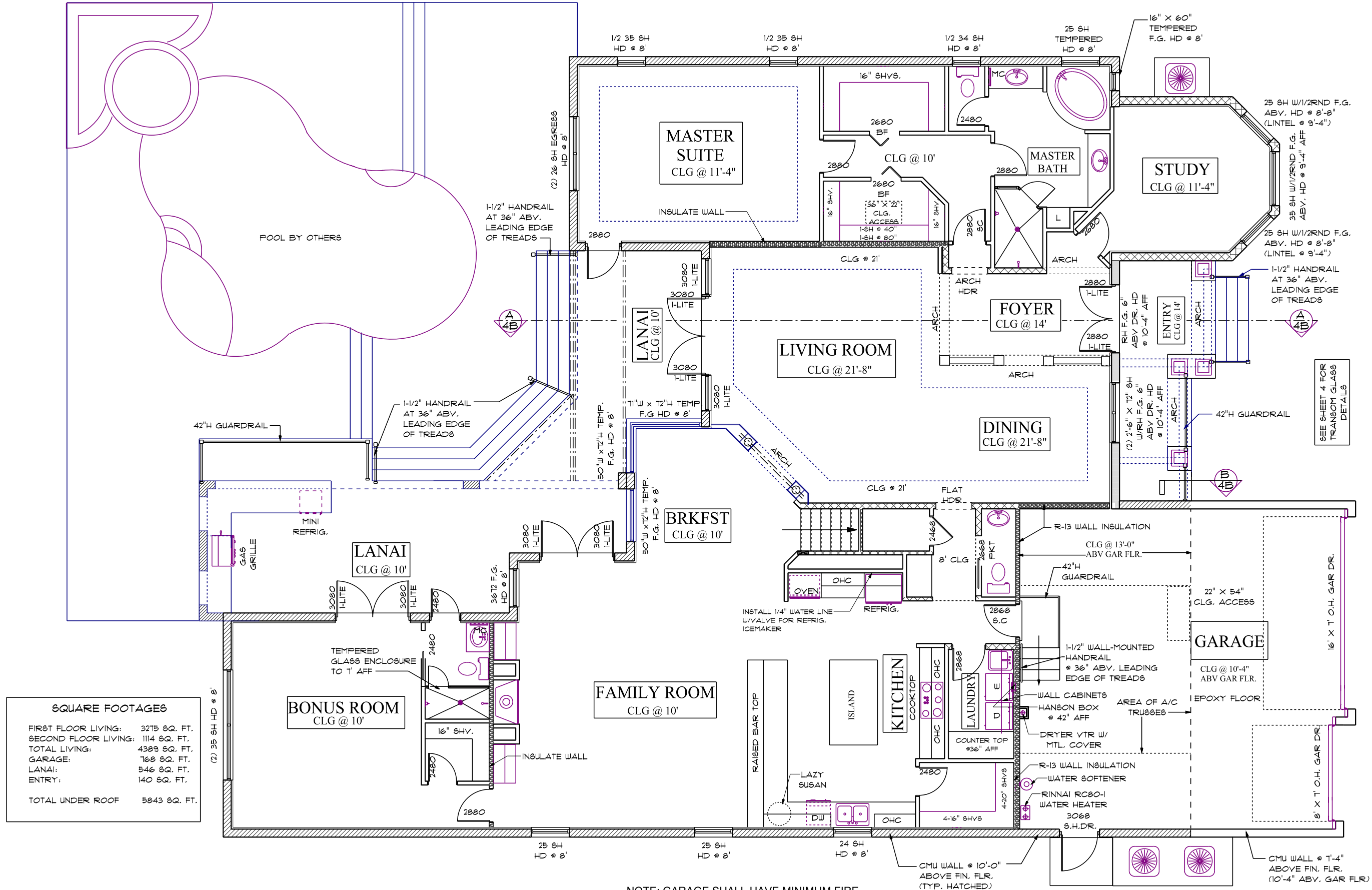
HEAGLE RESIDENCE
300 CORDOVA BLVD. NE
ST. PETERSBURG, FL 33764

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SIGNED
RICHARD E. ALLEN P.E. #56920
richallenpe@gmail.com

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727-842-6100

1B



ASPEN 4334-C

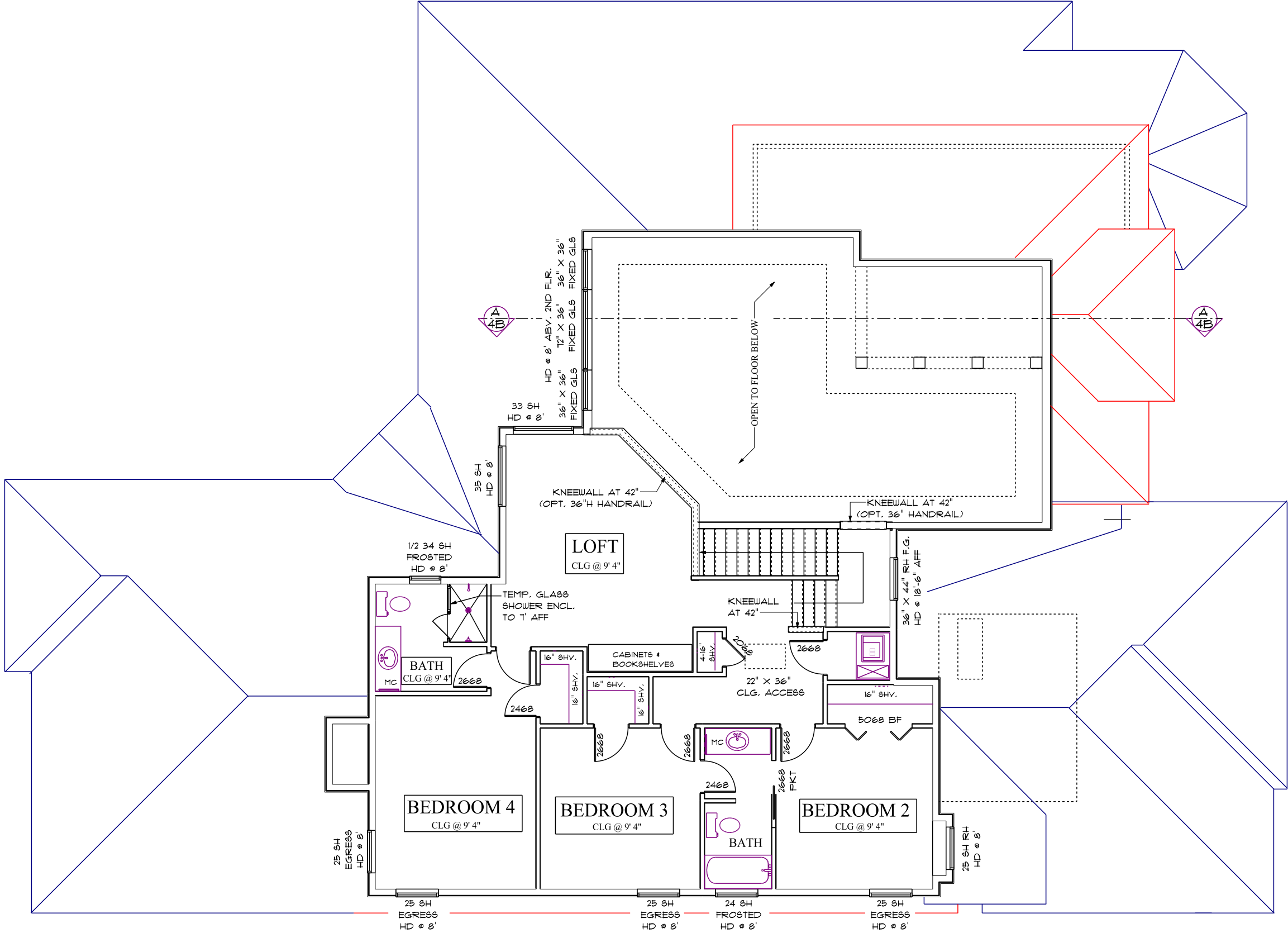
SCALE 1/8" = 1'-0"

FLOOR PLAN NOTES

HEAGLE RESIDENCE
300 CORDOVA BLVD. NE
ST. PETERSBURG, FL 33764

PLAN DATE	
03-14-2016	05-24-2016
03-18-2016	06-06-2016
03-28-2016	
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2ND FLOOR PLAN NOTES

SCALE 1/8" = 1'-0"

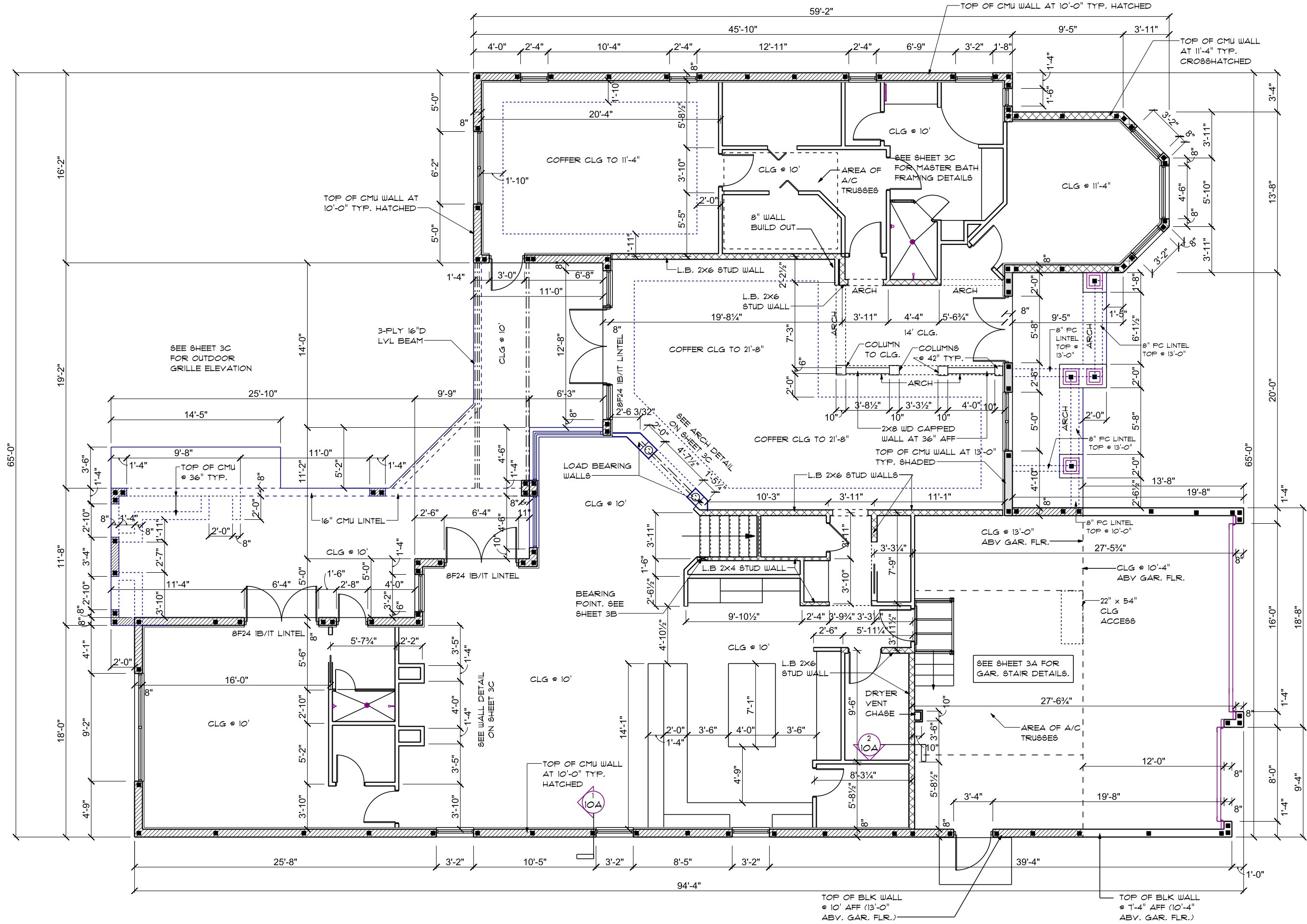
ASPEN 4334-C

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PLAN DATE	
03-14-2016	05-24-2016
03-18-2016	06-06-2016
03-28-2016	
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05-02-2016	

2A



DIMENSION PLAN

SCALE 1/8" = 1'-0"

A.E.C.S # 16028

ASPEN 4334-C

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3



3A

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PLAN DATE	06-06-2016
03-14-2016	
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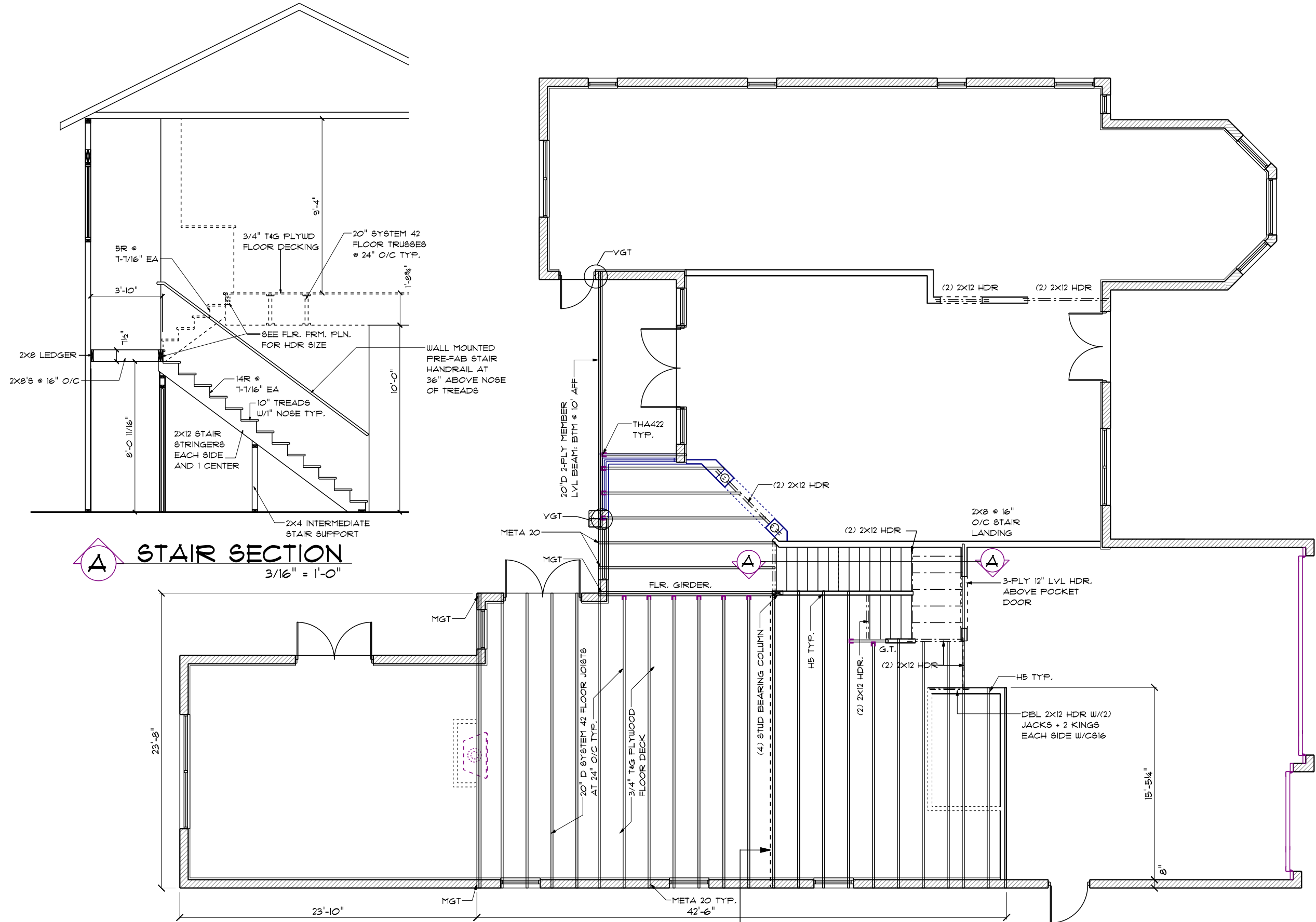
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ASPEN 4334-C

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A STAIR SECTION
3/16" = 1'-0"

DRAFTSTOPPING:
APPLY 1/2" DRYWALL PARALLEL TO FACE OF
FLOOR JOIST/SEAL ALL PENETRATIONS
IN ACCORDANCE WITH R302.12 FRC

FLOOR FRAMING PLAN

SCALE 1/8" = 1'-0"

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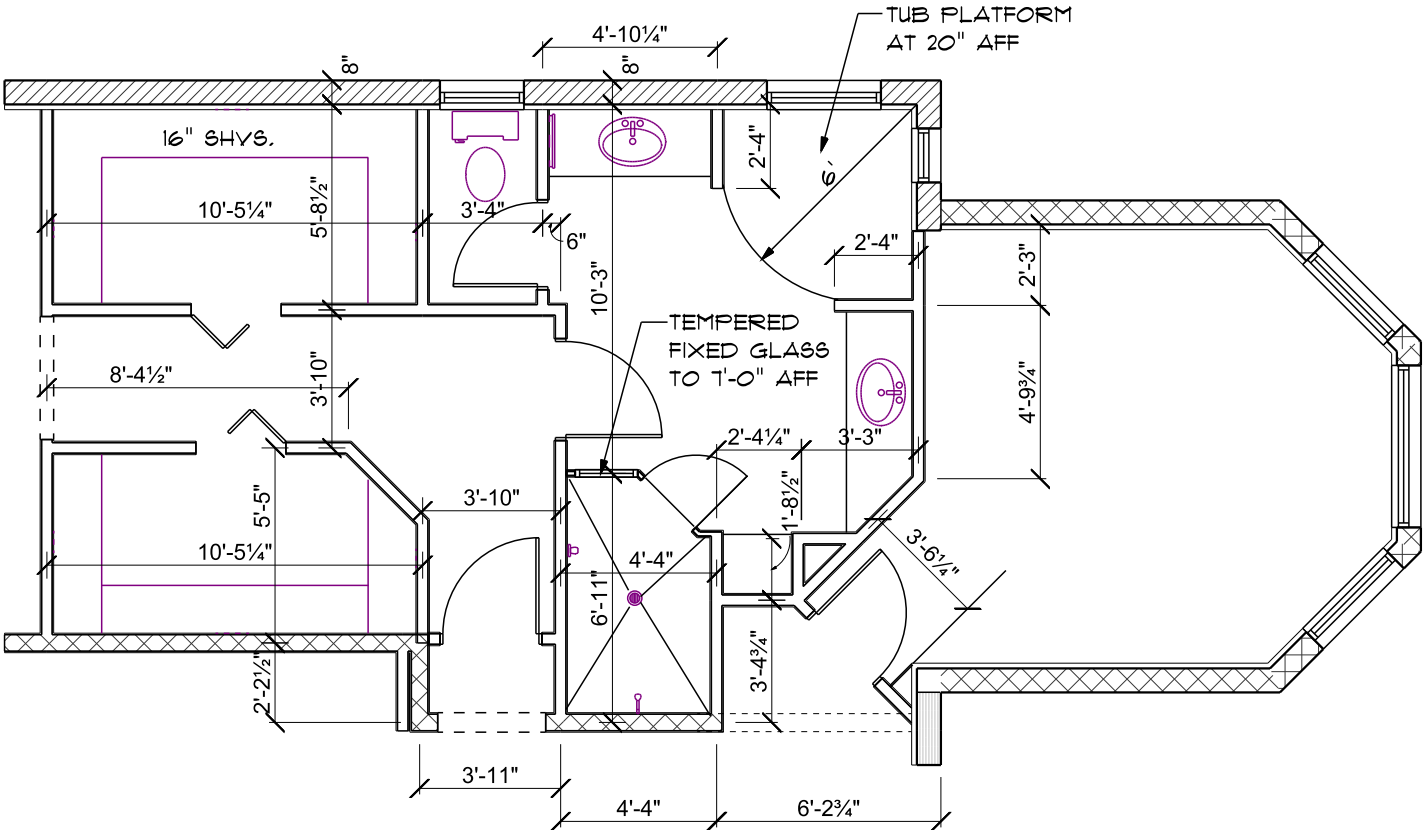
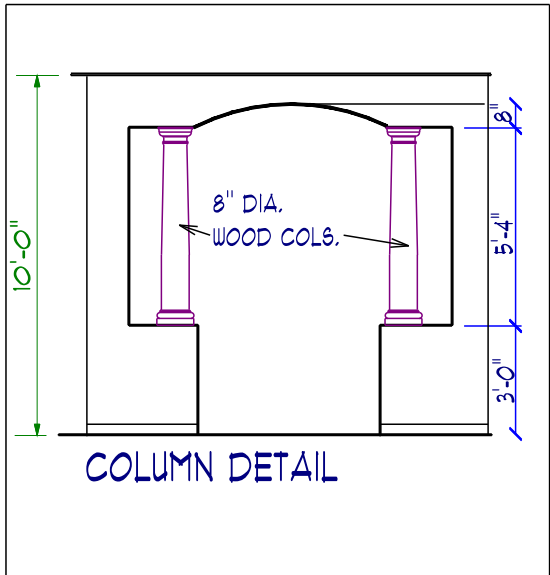
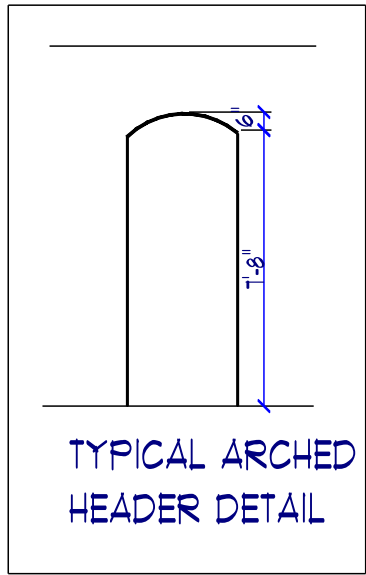
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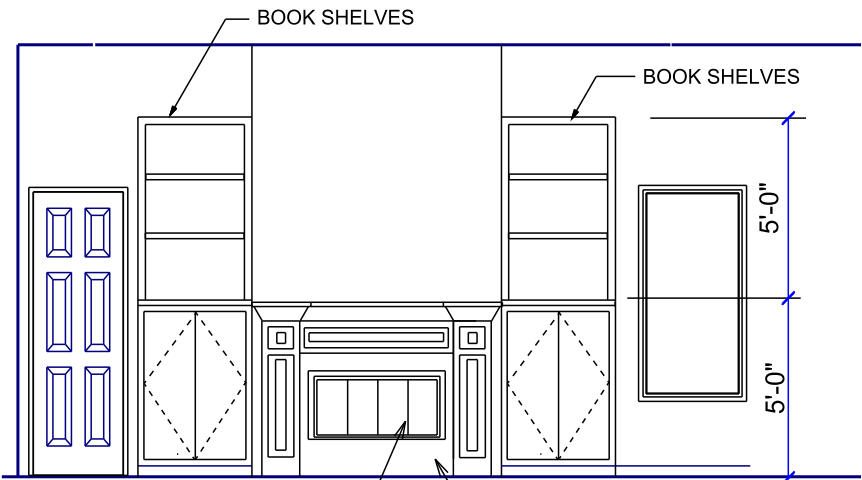
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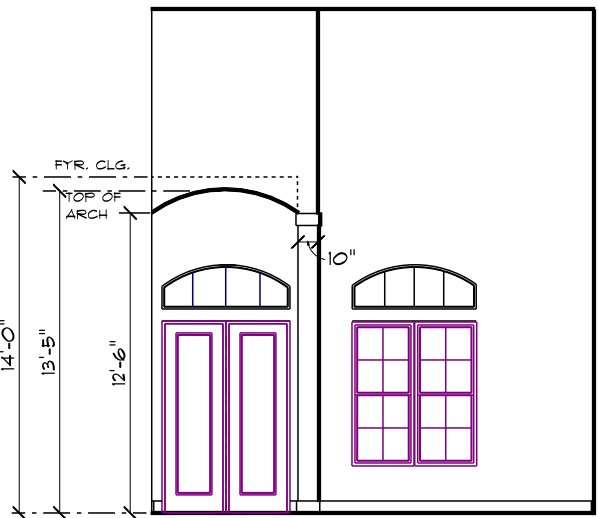
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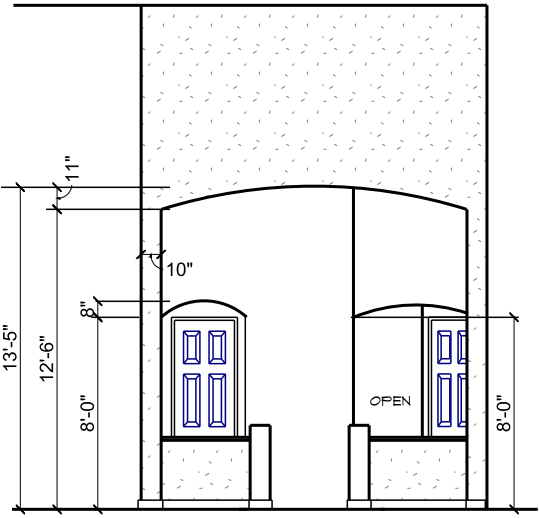
MASTER BATH PLAN



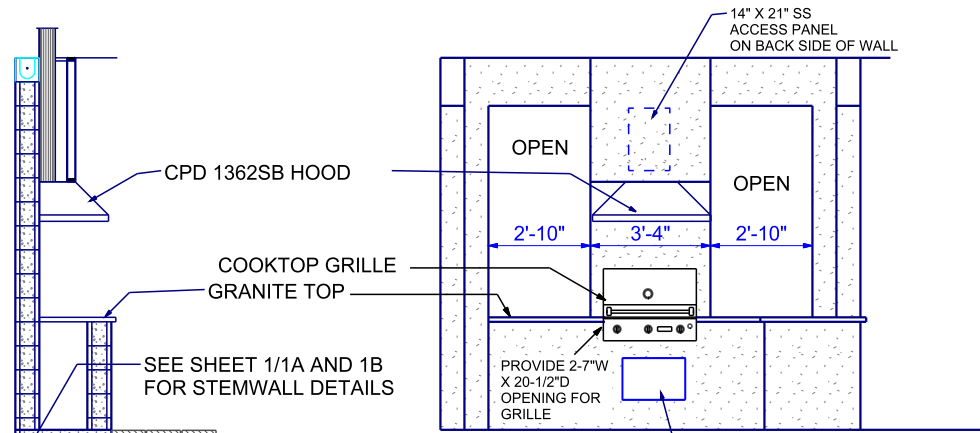
FIREPLACE ELEVATION
1/4" = 1'-0"



FOYER ELEVATION
1/4" = 1'-0"



FOYER /DINING WALL ELEVATION
1/4" = 1'-0"



OUTDOOR KITCHEN
ELEVATION 1/4" = 1'-0"

ASPEN 4334-C

SCALE 3/16" = 1'-0"

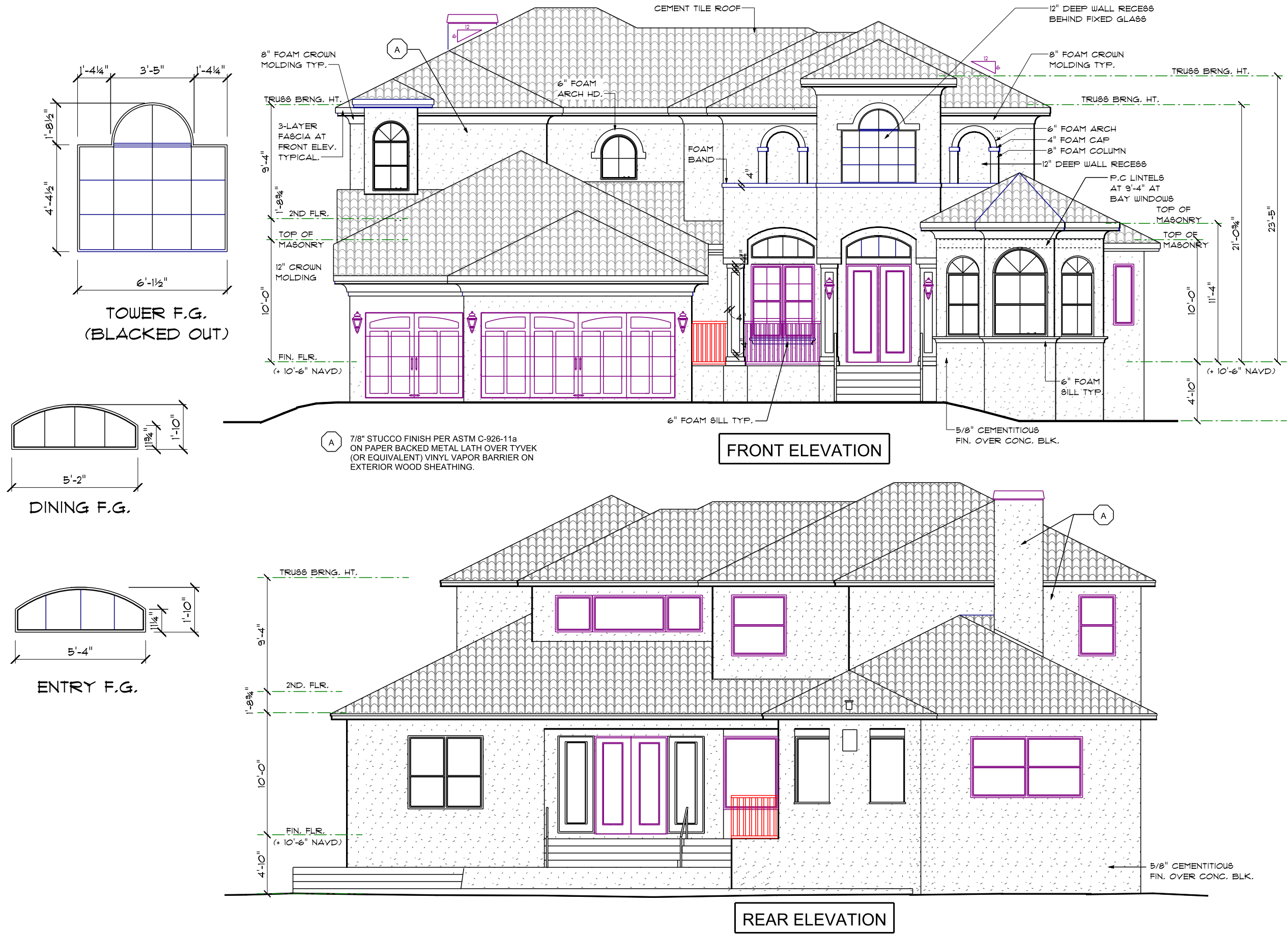
FLOOR PLAN DETAILS

HEAGLE RESIDENCE
300 CORDOVA BLVD. NE
ST. PETERSBURG, FL 33764

PLAN DATE	03-14-2016	05-24-2016
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3C



EXTERIOR ELEVATIONS

SCALE 1/8" = 1'-0"

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04-04-2016	
05-02-2016	

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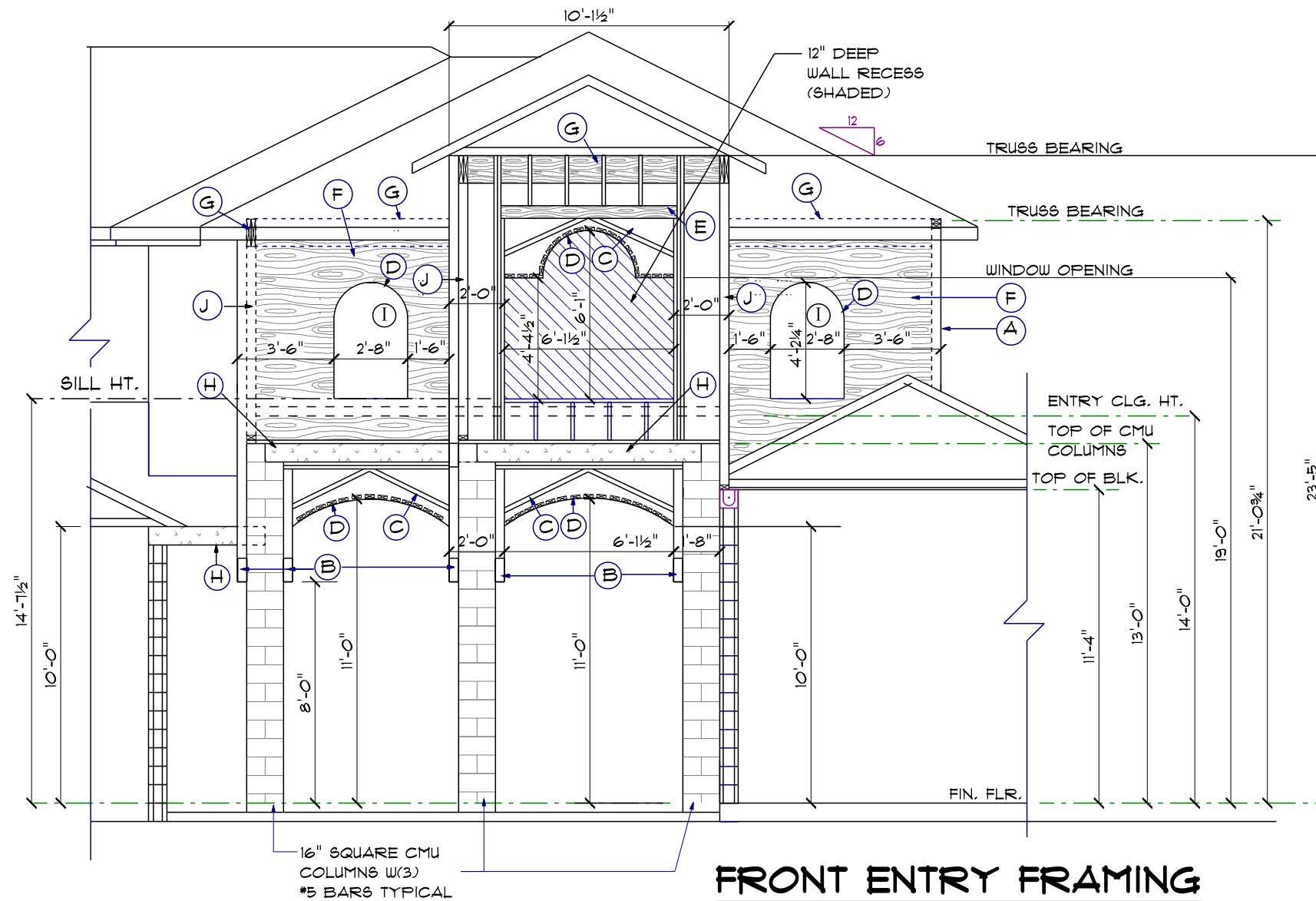
NOTES:

- (A) 2X4 KNEEWALL W/STP @ 16" O/C W/HIO TO TRUSS W/STP2 TO TOP PLATES W/STP1 TO BTM PLATES W/2X4 BLOCKING BETWEEN TRUSS BAYS AT 16" O/C W/3/8" X 4" LAG SCREW EACH BLOCK TO BTM PLATE W/1/2" SHEATHING # 8d NAILS @ 4" O/C.
- (B) 2X6 NAILERS W/3 1/4" X 3" TAPCONS INTO CMU COLUMNS
- (C) 2X4 DIAGONAL W/H2.5 EA END TYP.
- (D) 12" DEEP 2X4 ARCH FRAMING W/1/16" OSB SHEATHING TYPICAL
- (E) DBL 2X6 HDR W/H2.5 AT EACH END W/(2) KINGS & (1) JACK STUD W/(2) MSTAM24 TO CONC. EACH STUD PACK
- (F) 7/16" OSB SHEATHING W/8d NAILS AT 4" O/C EDGES & ENDS AND 6" O/C IN FIELD (TYP.).
- (G) (2) 2X12 BEAMS. WRAP CORNERS W/(2) CS16 TYPICAL
- (H) 8" PRECAST LINTEL W/(1) #5 & FILLED SOLID W/CONC.
- (I) 12" DEEP WALL RECESS
- (J) (4) STUD CORNER COLUMN W/(2) HTS16 TO BEAM AND (2) MSTM36 TO CMU

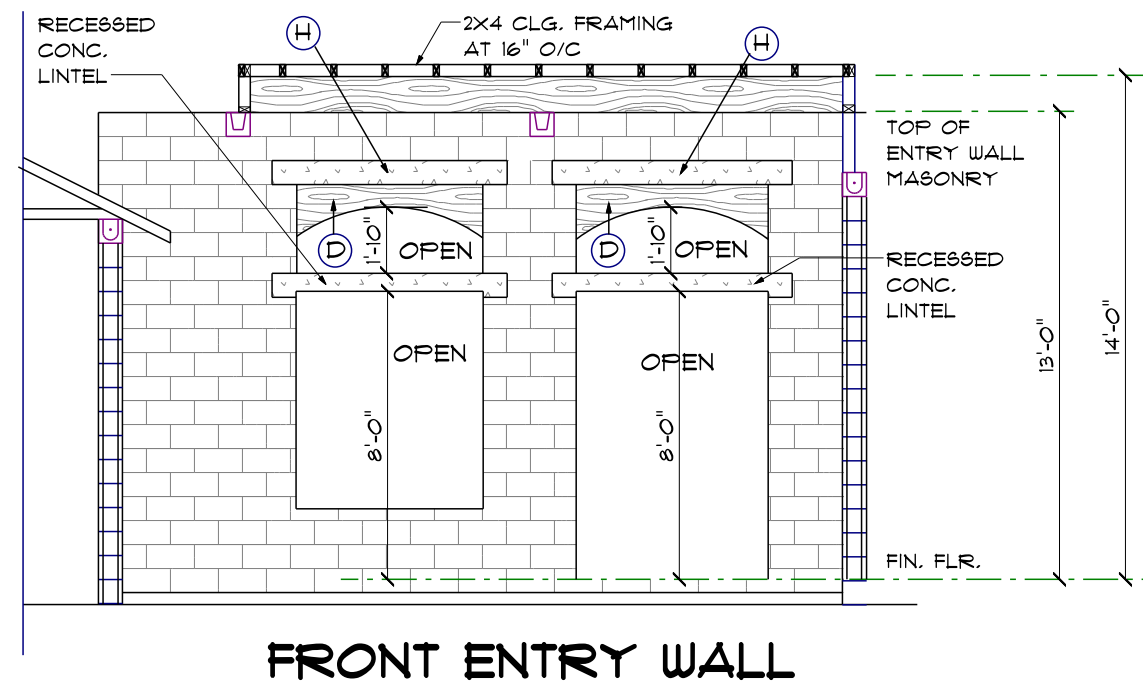
NOTE: ALL NON STRUCTURAL LUMBER IS TO BE SOUTHERN PINE FIR U.N.O.

NAILING SCHEDULE

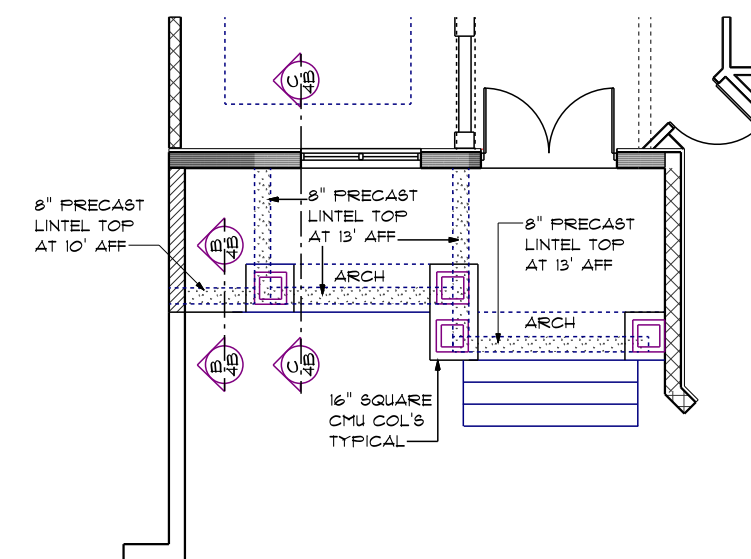
STP1: 4- 10d TO PLATE
6 -10d TO STUD
HIO: 8-8d X 1 1/2" TO TRUSS & TOP PLATE
H2: 5-8d
META16: 6-16d
CS16: 20-10d
HTS20: 20-10d
MSTAM36: 4-1/4" x 1 3/4" TAPCONS



FRONT ENTRY FRAMING



FRONT ENTRY WALL



FRONT WALL PLAN

1/8" = 1'-0"

ENTRY TOWER DETAILS

SCALE 3/16" = 1'-0"

A.E.C.S # 16028

ASPEN 4334-C

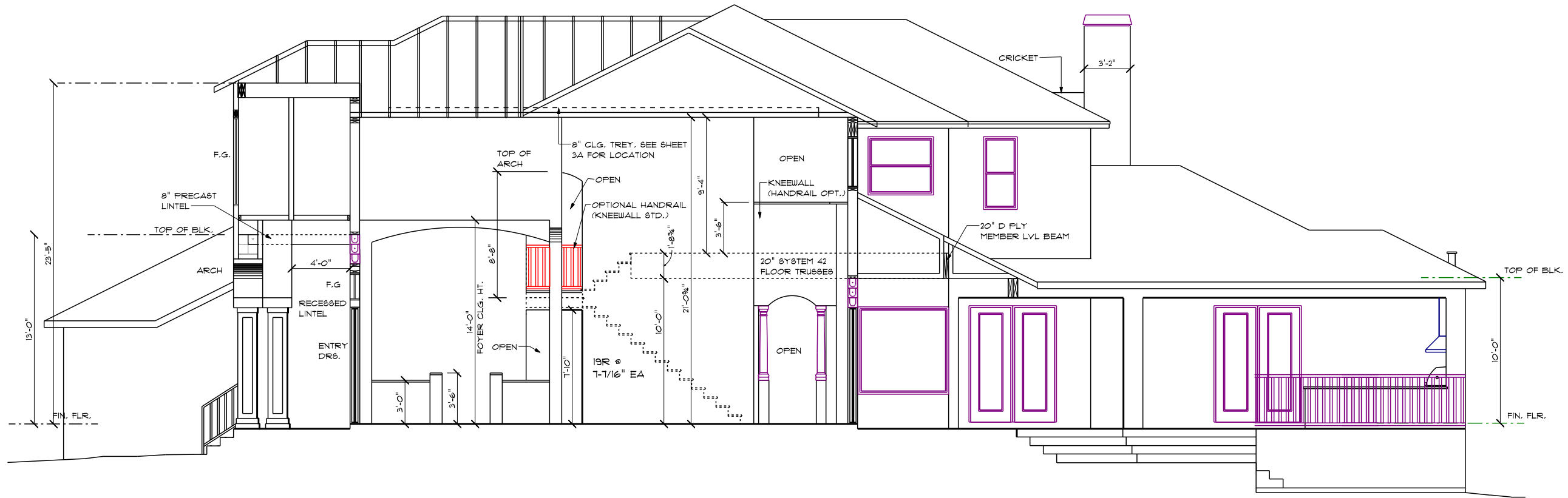
DEEB FAMILY
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9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

HEAGLE RESIDENCE
300 CORDOVA BLVD. NE
ST. PETERSBURG, FL 33764

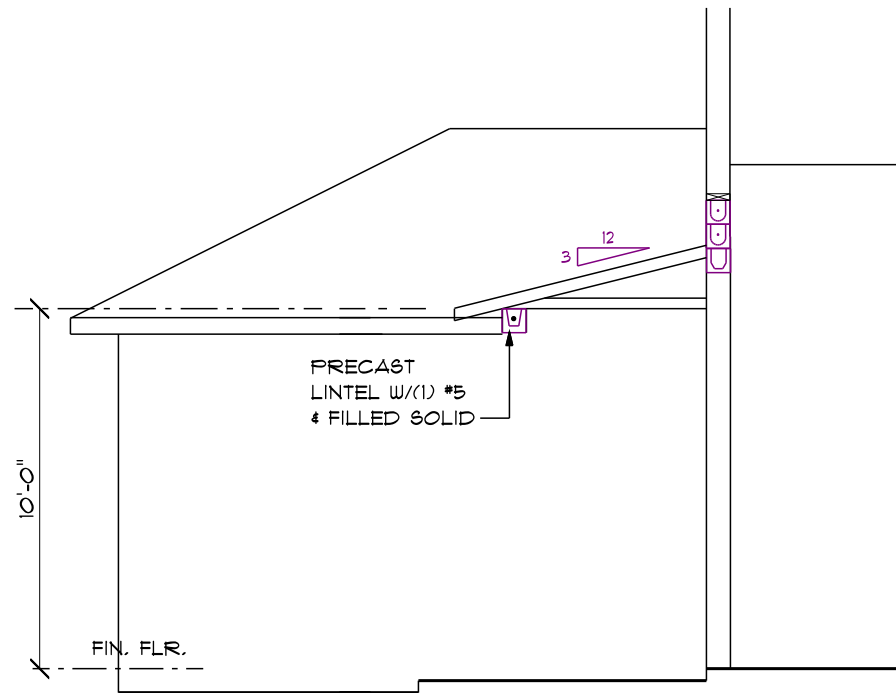
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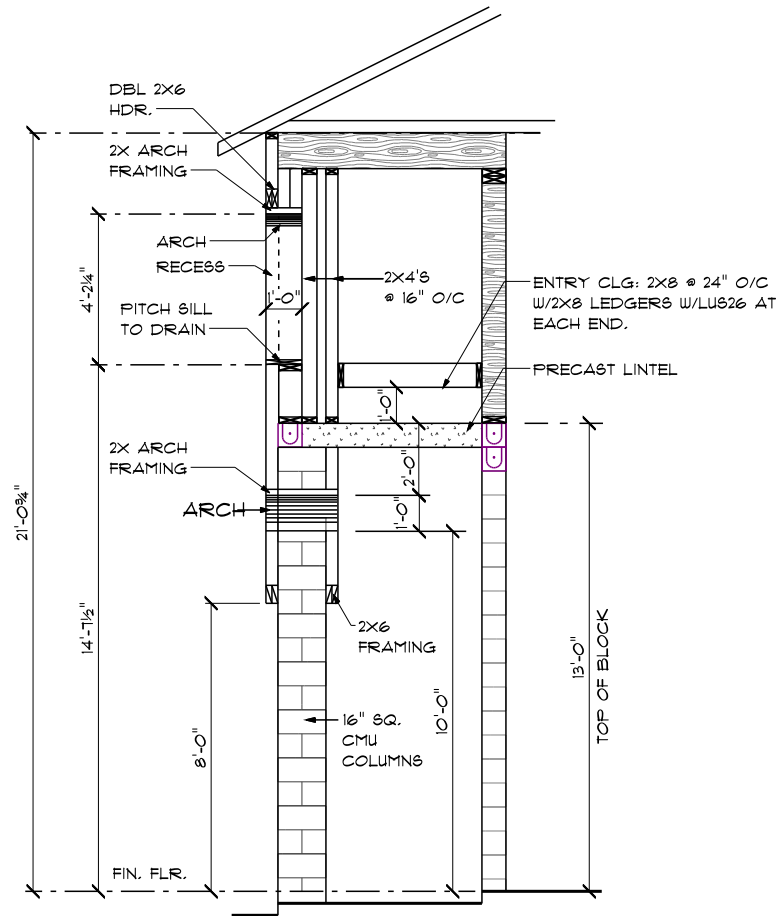
4A



BUILDING SECTION 'A'



SECTION 'B'
3/16" = 1'-0"



SECTION 'C'
3/16" = 1'-0"

BUILDING SECTION

SCALE 1/8" = 1'-0"

ASPEN 4334-C

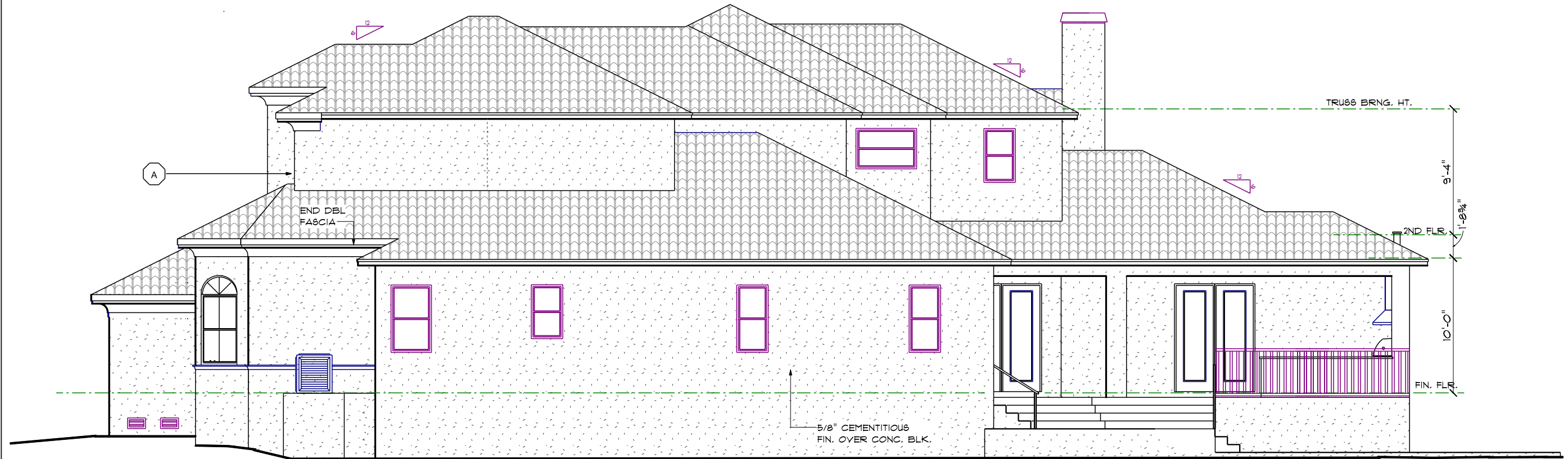
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PLAN DATE

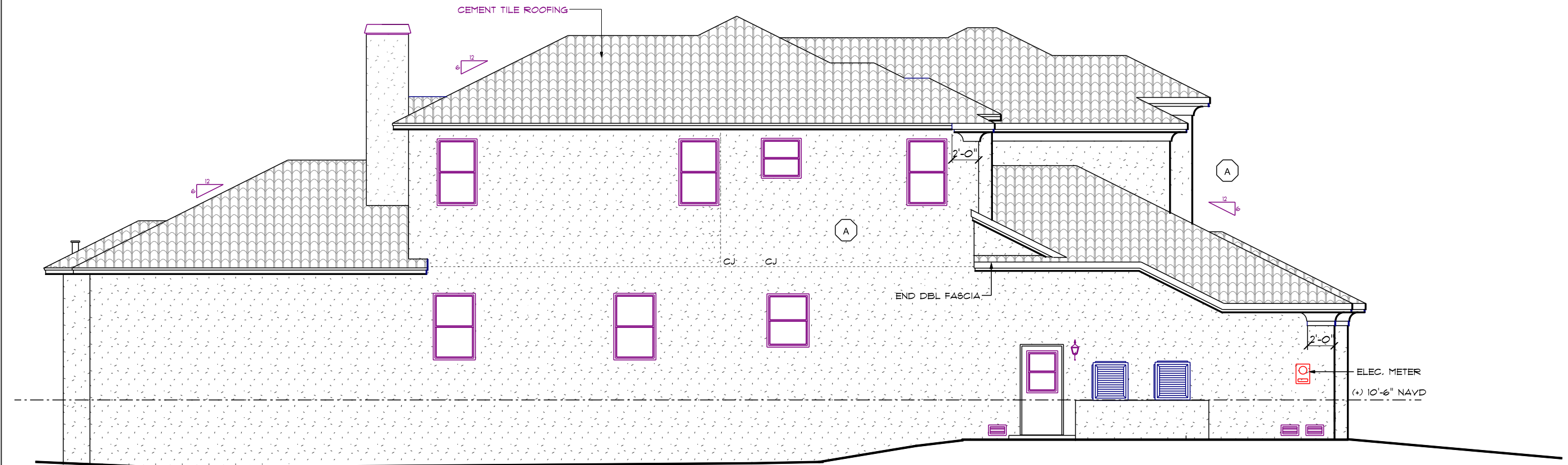
03-14-2016	05-24-2016
03-18-2016	06-06-2016
03-28-2016	
04-04-2016	
05-02-2016	

4B



A 7/8" STUCCO FINISH PER ASTM C-926-11a
ON PAPER BACKED METAL LATH OVER TYVEK
(OR EQUIVALENT) VINYL VAPOR BARRIER ON
EXTERIOR WOOD SHEATHING.

RIGHT ELEVATION



LEFT ELEVATION

EXTERIOR ELEVATIONS

SCALE 1/8" = 1'-0"

ASPEN 4334-C

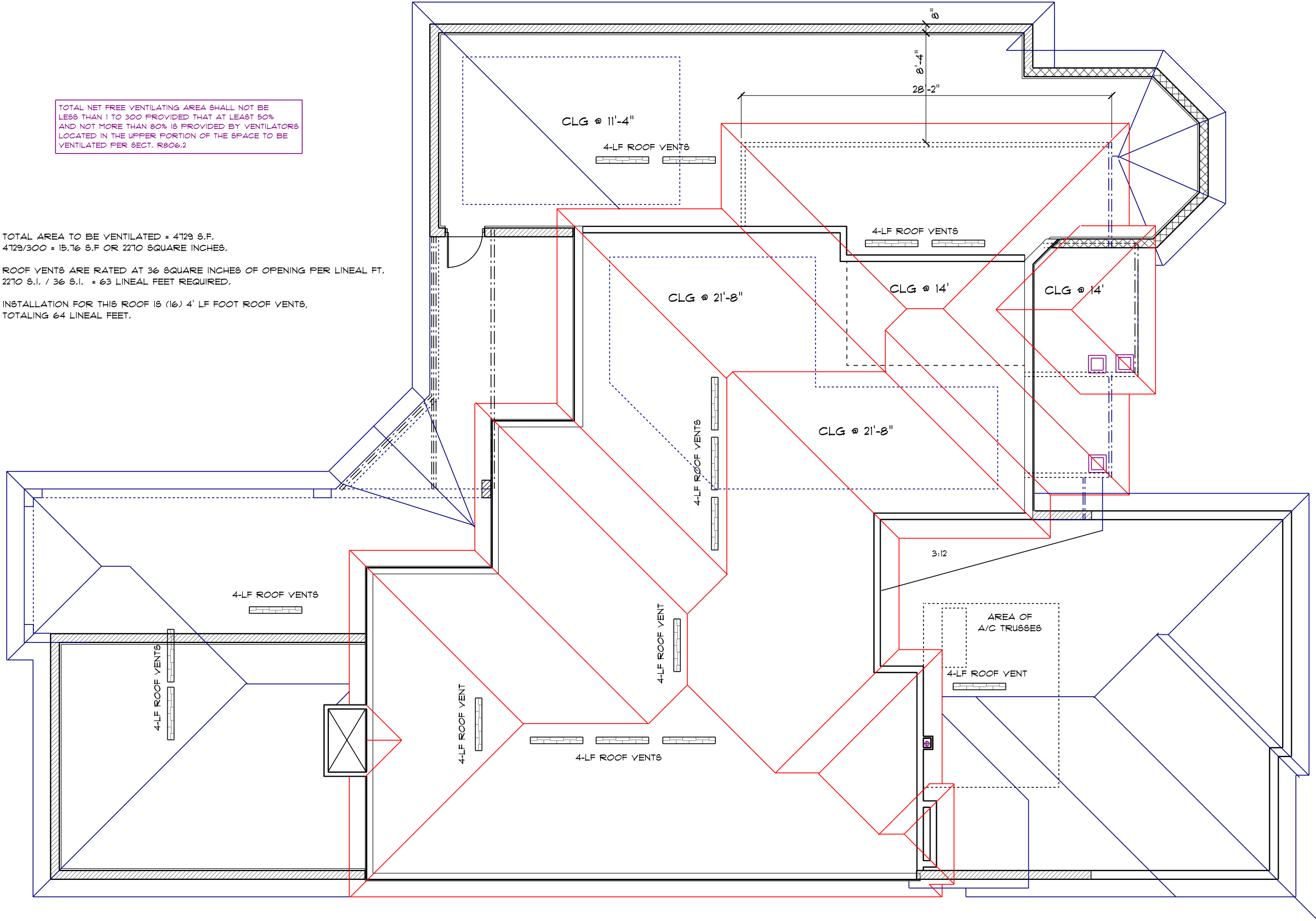
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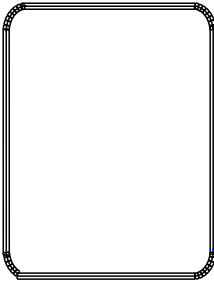
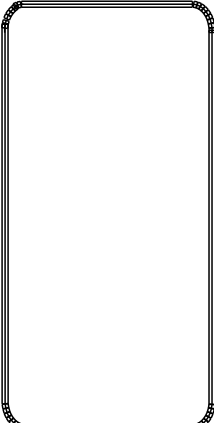
TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1 TO 300 PROVIDED THAT AT LEAST 50% AND NOT MORE THAN 80% IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED PER SECT. R806.2

TOTAL AREA TO BE VENTILATED = 4129 S.F.
4129/300 = 13.76 S.F OR 2210 SQUARE INCHES.
ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.
2210 S.I. / 36 S.I. = 61 LINEAL FEET REQUIRED.
INSTALLATION FOR THIS ROOF IS (16) 4' LF FOOT ROOF VENTS,
TOTALING 64 LINEAL FEET.

ASPEN 4334-C

SCALE 1/8" = 1'-0"

ROOF PLAN



HEAGLE RESIDENCE
300 CORDOVA BLVD, NE
ST. PETERSBURG, FL 33764

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NEW PORT RICHEY, FL. 34655

SEE SHEET 6A FOR KEYNOTE LOCATIONS

Connection Notes

- A. 5 stud corner column with (1) MSTCM60 to cmu
- B. 2 stud column with LGT2 to girder truss and MSTCM60 to cmu
- C. 4 stud column with HGT2 w/ (2) HTT4 to girder and (2) MSTCM60 to cmu
- D. 5 stud corner column with (3) CS16 to 5 stud ground floor corner column and HTT4 to concrete
- E. 5 stud corner column with MGT/HTT4 girder to studs and (3) CS16 to dbl 2x12 header below
- F. 5 stud corner column with MGT/HTT4 girder to studs and (3) CS16 to 5 stud ground floor corner column with HTT4 to concrete
- G. 2x6 SYP stud wall on ground floor with SPH6 to bottom plate, H10 garage trusses to wall, then 2nd story 2x6 wall with CS16 each face each stud to ground floor wall below,SPH6 to top plates, H-10 to 2nd floor roof truss
- H. 5 stud corner column with MGT w/ HTT4 to girder and (2) MSTCM60 to cmu
- I. 2x8 SYP stud wall on top of cmu wall with MSTAM 36 each stud each face to cmu, SPH8 to top plates, 2x4 T blocking between roof trusses bays and H-10 at 2’ o.c to blocking
- J. 2x8 SYP stud wall on top of cmu wall with MSTAM 36 each stud each face to cmu, SPH8 to top plates, 3 ply 12” LVL header with 3 jacks and 2 king studs each end, (2) CS16 header to studs, (2) MSTCM60 each stud pack – 1 per face to cmu
- K. 3 stud 2x8 column with (2) MSTAM 36 each face to cmu below and (2) MTS16 to beam above

TRUSS NOTES

SCALE 1/8" = 1'-0"

A.E.C.S # 16028

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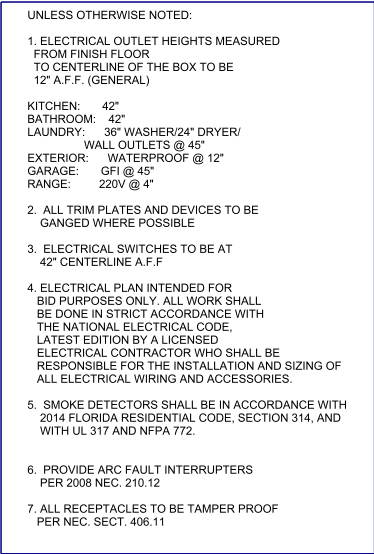
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PLAN DATE				
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				06-06-2016

I HEREBY CERTIFY THAT I HAVE
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TRUSS CONNECTIONS TO
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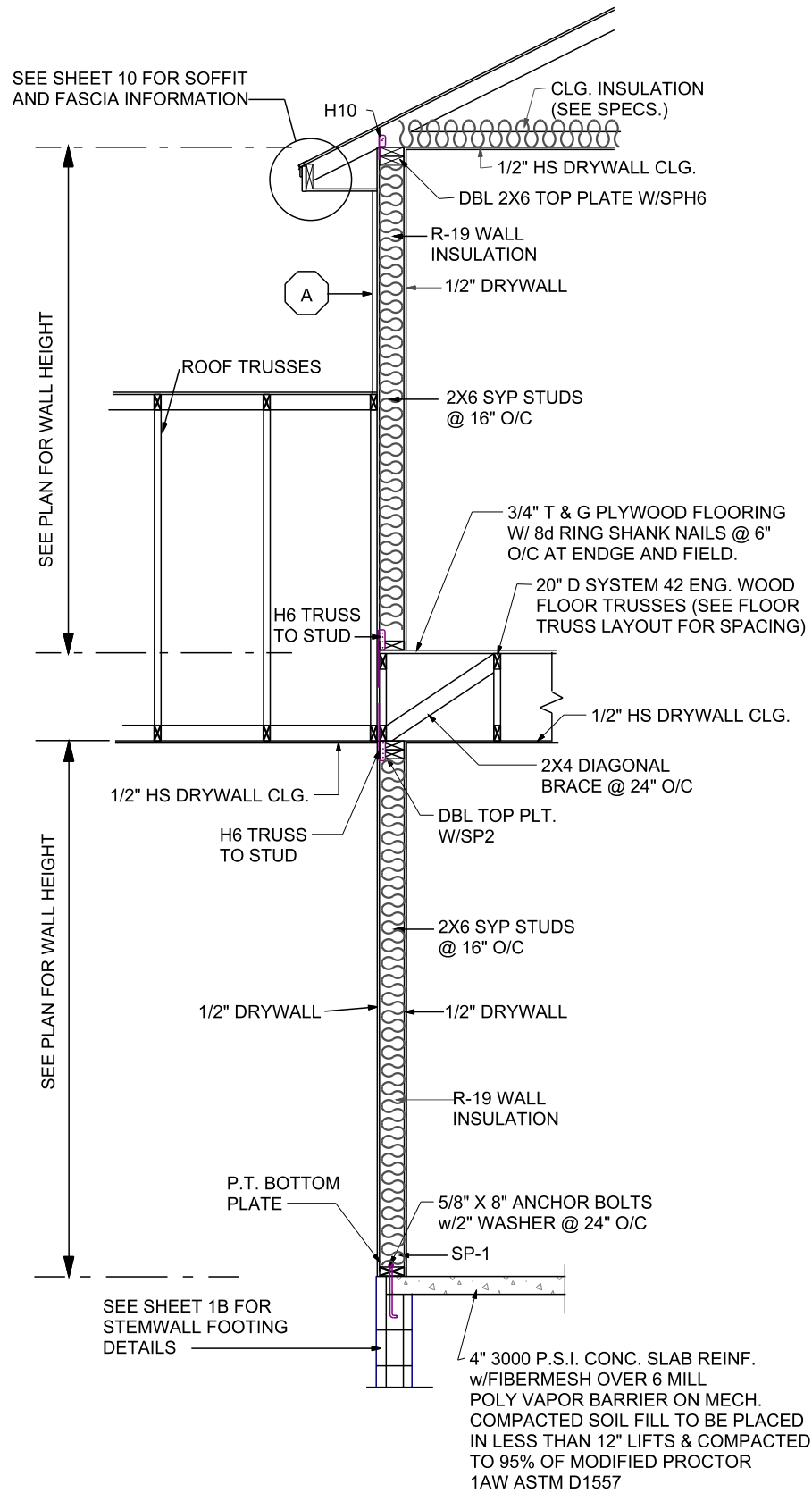
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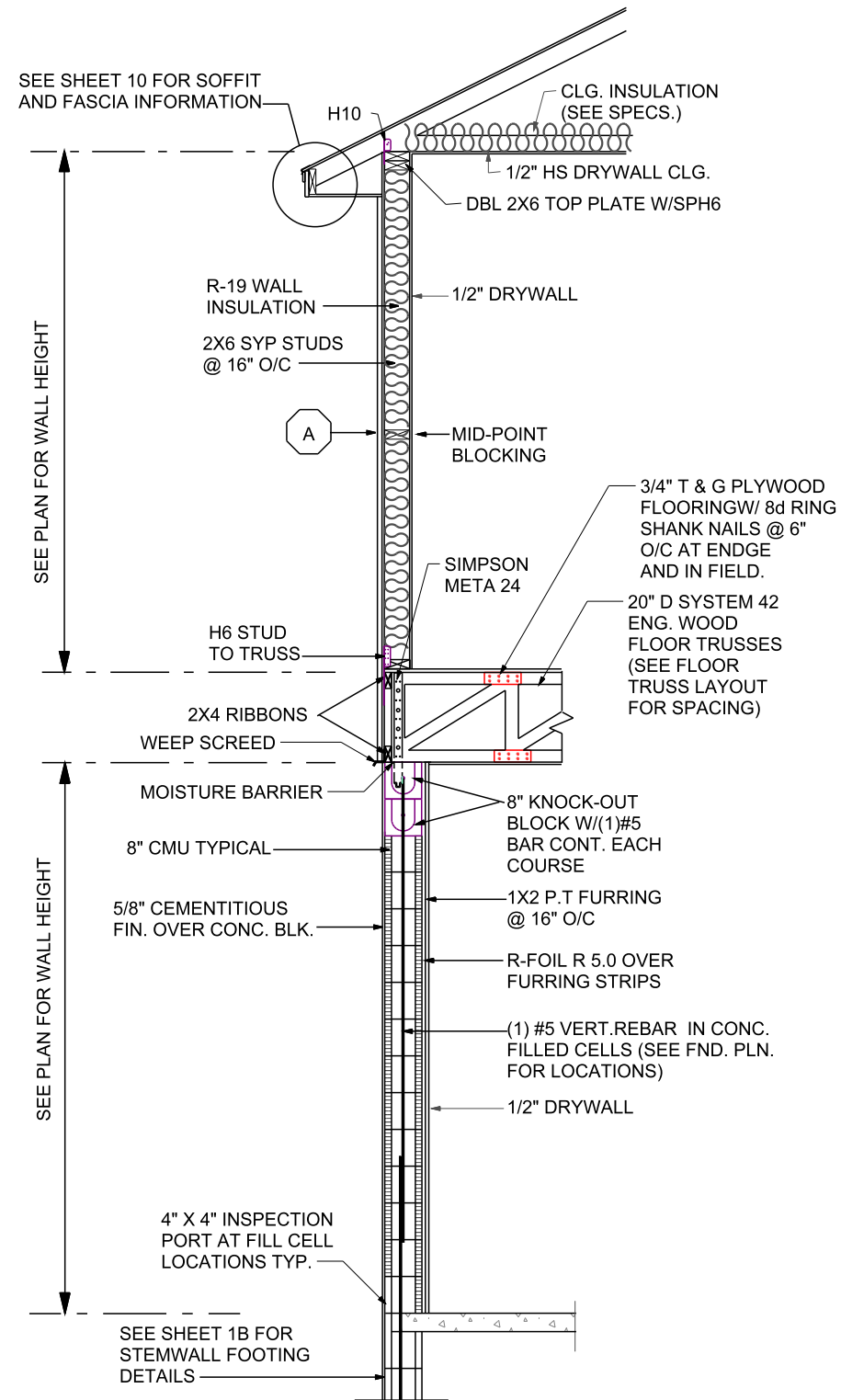
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2 2-STY INTER. FRAME BRNG. WALL
FLOOR TRUSSES PARALLEL



1 TYP. 2-STORY WALL SECT.

CONSTRUCTION DETAILS

A.E.C.S # 16028

ASPEN 4334-C

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ALLEN ENGINEERING &
CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. #56920 C.A. #9542
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727-842-6100
richallenpe@gmail.com

I HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
WORK IN ACCORDANCE WITH THE
FLORIDA ENGINEERING AND SURVEYING
BOARD'S EXPOSURE B AND IT IS
IN COMPLIANCE WITH CHAPTER 16 OF
THE 2014 FLORIDA BUILDING CODE.
SEALED FOR THE STRUCTURE ONLY.

SIGNED
RICHARD E. ALLEN P.E. #56920

10A