

CUSTOM SINGLE FAMILY RESIDENCE

9782 CHOCOLATE CREEK ROAD
EL CAJON, CA. 92021

FIRE DEPT. NOTES:

- # FIRE DEPT. NOTES:
- A. 100 FOOT RISE MODIFICATION ZONE IS DETERMINED AROUND ALL STRUCTURES. THE RISE MODIFICATION ZONE IS DIVIDED INTO TWO ZONES AS FOLLOWS:
- 1. THE FIRST ZONE INCLUDES THE AREA FROM ANY BUILDINGS TO A POINT 80 FEET AWAY. THIS ZONE IS 100 FEET HIGH.
 - 2. THE SECOND ZONE IS THE AREA BETWEEN 80 TO 100 FEET FROM THE BUILDINGS. IN THIS ZONE THE RISE MODIFICATION ZONE IS 100 FEET HIGH. ALL DEAD AND LIVE VEGETATION WITHIN THIS ZONE MUST BE REMOVED. IF YOU DO NOT HAVE A GRADING PERMIT PRIOR TO ANY CLEARING OR GRADING, MAKE CONTACT WITH THE FIRE DEPT. SECTION AT 666-349-9381 TO DETERMINE IF A GRADING AND CLEARING PERMIT IS NECESSARY.
- B. ROOFING SHALL HAVE A MINIMUM CLASS "A" ROOF RATING FOR ROOF COVERINGS WHERE THE AREA OF THE ROOF SPREADS OVER THE EXTERIOR WALLS AND ROOF COVERINGS OF THE SPACE + THE EAVE ENDS SHALL BE FIRE STOPPED TO PRECLUDE ENTRY OF FLAMES OR SPIKERS.
- C. EXTERIOR WALL FINISH SHALL BE NON-COMBUSTIBLE MATERIALS (STUCCO, CEMENT FIBER BOARD, TYPICAL).
- 4. COMBUSTIBLE EAVES, SPOUTS, PARAPETS SHALL BE CONSTRUCTED AS GUIDED IN GUIDANCE DOCUMENTS.
 - 5. UNENCLOSED UNDER-FLOORS SHALL BE ENCLOSED TO THE GROUND UNLESS COMBUSTIBLE CONSTRUCTION OR APPROVED ALTERNATIVE.
- D. GLAZING UNDOORS SHALL HAVE A FIRE RATING NOT LESSER THAN 1/2 H. OR SHALL BE GLAZED UNITS OF UNCOMBUSTIBLE OR THERMOPLASTIC POLYMER GLAZING WITHIN WALLS HAVE SELF-CLOSING, CORNERED METAL REINFORCED IN THE INTERLOCK AREA. VINYL UNDOORS BE GLAZED, UNDOORFAMER, GLAZING, OR LOGICALLY EQUIVALENT.
- E. APPROVED SPARK ARRESTOR REQUIRED ON ALL CHIMNEY, ROOF AND OVER STOVE PIPES.
- F. SKYLIGHTS SHALL BE A TYPED GLASS ASSEMBLY.
- G. ROOF GUTTERS AND DRAIN SPUTTERS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL AND DESIGNED TO REDUCE THE RISK OF FIRE STARTS AND OVERHEATING.
- H. EXTERIOR DOOR THRESHOLDS SHALL BE APPROVED IGNITION RESISTANT CONSTRUCTION. SOLID-CORE WOOD NOT LESS THAN 1 3/8" THICK, OR HAVE A FIRE PROTECTION RATING OF NOT LESS THAN 20 MINUTES.
- I. PROJECTIONS SUCH AS DECKS, GANTRIES, BALCONIES, PORT COVERS ETC. SHALL BE OF NON-COMBUSTIBLE CONSTRUCTION. FIRE RESISTANT PESTICIDE WOOD, HEAVY TREES CORN, OR USE OF FIRE RESISTIVE CONSTRUCTION SHALL BE REQUIRED FOR FIVE FEET RESISTANT WOOD TO BE USED FOR ANY OTHER VENT OR PENETRATION.
- J. ALL VENTS MUST BE LOUVERED AND COVERED WITH 18 INCH NON-COMBUSTIBLE CORRUGATED/RESISTANT METAL PANEL. TURBINE VENTS SHALL TURN IN ONE DIRECTION ONLY.
- K. UPRAZER FANCE INSULATION IS NOT PERMITTED IN ATTICS OR OTHER VENTILATED SPACES.
- L. ANY PORTION OF A FENCE OR OTHER STRUCTURE WITHIN 5'-0" OF THE BUILDING SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS. ANY PORTION OF A FENCE OR OTHER STRUCTURE SHALL MEET THE SAME FIRE RESISTIVE STANDARDS AS THE EXTERIOR WALLS OF THE BUILDING.
- M. EXTERIOR WALLS PLASTERED OR STUCCOED SHALL BE 5/8" THICK. EXTERIOR WALLS SHALL BE INSTALLED OVER A MINIMUM 3/4" WIDE UNDER LATHING CONSISTING OF ONE LAYER OF 1/2" ASHIM CEMENT BOARD OR 1/2" GYPSUM BOARD.
- N. VENTS SHALL NOT BE INSTALLED IN EAVES HAVE OVERHANGS, SPOUTS OR CORNICES. SABLE-END VENTS SHALL BE ALLOWED IF THE VENTS ARE LOCATED A MINIMUM OF 2' BELOW THE LOWEST EAVE/RAKE PLANE.
- O. IN ROOF COVERINGS WHERE THE PROFILE CREATES SPACE BETWEEN THE ROOF COVERINGS, A COMBUSTIBLE ROOF DECKING, PROVIDE ONE LAYER OF 1/2" ASHIM CEMENT INSTALLED OVER THE ROOF COVERINGS.

GENERAL PLAN NOTES:

CONTRACTOR NOTES:

- ## CONTRACTOR NOTES:
1. THE CONTRACTOR/OWNER SHALL TAKE THE NECESSARY TIME AND CARE TO RECORD EXISTING UTILITIES AND THE LOCATION OF ALL EXISTING AND NEARBY CONDUITS, BEFORE BEGINNING THE CONSTRUCTION OF THIS PROJECT.
 2. THE CONTRACTOR/OWNER SHALL VERIFY ALL DIMENSIONS OF THE EXISTING STRUCTURE, ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES, BEFORE ANY NEW DIMENSIONS, ELEVATIONS OR LOCATIONS OF NEW UTILITIES ARE DETERMINED. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES THAT ARE NOT IDENTIFIED OR NOT RECORDED TO BE NEARBY OR NOT IDENTIFIED. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES THAT ARE NOT IDENTIFIED OR NOT RECORDED TO BE NEARBY OR NOT IDENTIFIED.
 3. ALL VERIFICATIONS OF NEW AND EXISTING DIMENSIONS ARE TO BE DONE PRIOR TO THE START OF WORK AND ORDERING OF WINDOWS, DOORS, LUMBER AND/OR FLOOR OR ROOF TRIMMERS.
 4. ALL CHANGES ARE TO BE APPROVED BY A DESIGN PROFESSIONAL AND THE BUILDING DEPARTMENT BEFORE CHANGES ARE MADE TO THE PROJECT.
 5. UNLESS OTHERWISE NOTED OR SHOWN ELSEWHERE ON THE PLANS, TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE JOB.
 6. WORK SHOWN ON THESE DRAWINGS IS NOT SHOWN FOR ANY PART OF THE WORK SHOWN. THESE DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN IN THE DRAWING.
 7. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
 8. IN NO CASE SHALL WORKING DIMENSIONS BE CALLED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
 9. CONTRACTOR/OWNER SHALL VERIFY AND DETERMINE LOCATION OF ALL EXISTING UTILITIES AND SHALL TAKE PRECAUTIONARY ACTION TO WORK THAT UTILIZE EXISTING UTILITIES.
 10. CONTRACTOR/OWNER SHALL COMPLY WITH ALL APPLICABLE FEDERAL AND LOCAL SAFETY REQUIREMENTS.
 11. ALL MATERIALS AND WORKMANSHIP SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL ORDINANCES TO THE MINIMUM OF ANY APPLICABLE FEDERAL CONTRACTOR AND/OR THE ROOM DESIGN SUBCONTRACTOR TO PROVIDE THE NECESSARY STANDARD OF CARE IN WORKMANSHIP AND MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL NOT BE ALLOWED TO RUN BEHIND ANY FACIAS BOARDS ON OUTSIDE TO THE EXTERIOR.

CODE REQUIREMENT NOTES:

- [illegible]

PLAN ABBREVIATIONS

[illegible]

PROJECT INFORMATION

OWNER: GEORGE SADLER
7895 CONVOY CT. STE. 17
SAN DIEGO, CA. 92111
CONTACT TELEPHONE
(619) 609-8978

ENGINEERING INFORMATION

REFERENCES:

REFERENCES:

CALIFORNIA BUILDING CODE, 2016 EDITION
CALIFORNIA RESIDENTIAL CODE, 2016 EDITION
AMERICAN SOCIETY OF CIVIL ENGINEERS, AISCE-SECTION 7-16
TIMBER CONSTRUCTION MANUAL, LATEST EDITION
NATIONAL PLYWOOD ASSOCIATION, LATEST EDITION
NATIONAL DESIGN SPECIFICATIONS, AF 4-269, EDITION
AMERICAN CONCRETE INSTITUTE, ACI-308-14
MANUAL OF STEEL CONSTRUCTION, AISCE-LATEST EDITION

MATERIALS:

NOTES:

CONCRETE:	Fc= 3500 psi (ULN), # 28 DAYS, fc=125 psi
GROUT:	Fc=12000 psi # 28 DAYS
MASONRY:	Fc=1500 psi, GRADE "N", ASST C-30, fs = 500 psi (ULN)
MATERIALS:	FC= 1500 psi TYPE
REINFORCE:	BAR# ASST A63, Gr. 40-4" x # ASST A106, Gr. 40-4" D
	SELFDI INS. FIBERGL. WUP. ASST A-10, Gr. 4-1/8"
	PIPE COLLUMPS: INCH 40 ASST A-106
	RJ = 40 KR, ASST A500, GRADE B
67RL STEEL:	PIPE# R-340
NEGT. TUBING:	GRADE R0061, #500 KR, ASST A517

LOADS:

LOADS:

DEAD LOADS:	- PER CALCULATIONS
LIVE LOADS:	- ASCT-16, CHAPTER 4 & TABLE 4-1
WIND:	- ASCT-16, CHAPTER 6 & FIGURE 6-2
SEISMIC:	- ASCT-16, CHAPTER 12 & TABLE 12.1, 2016 CBC, SECT. 1607
SOIL:	- CBC 2016, S.P. = 1500 psf PER SOILS REPORT, _____

SHEET INDEX

TITLE SHEET
SITE PLAN
BEST MANAGEMENT PRACTICES
MINIMUM CONSTRUCTION SPECIFICATIONS
FLOOR PLAN - WITH NOTES ONLY
FLOOR PLAN - DIMENSIONS ONLY
ELEVATIONS
ELEVATIONS
ELECTRICAL FLOOR PLAN
SECTIONS A,B,C,D
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TITLE 24 & SCHEDULE DOORS AND WINDOWS
STRUCTURAL SPECIFICATIONS
FOUNDATION PLAN
ROOF FRAMING PLAN
TRUSS PLACEMENT PLAN
DETAILS
DETAILS
DETAILS

REVISIONS	BY
01-29-2019	OQ
05-18-2021	OQ

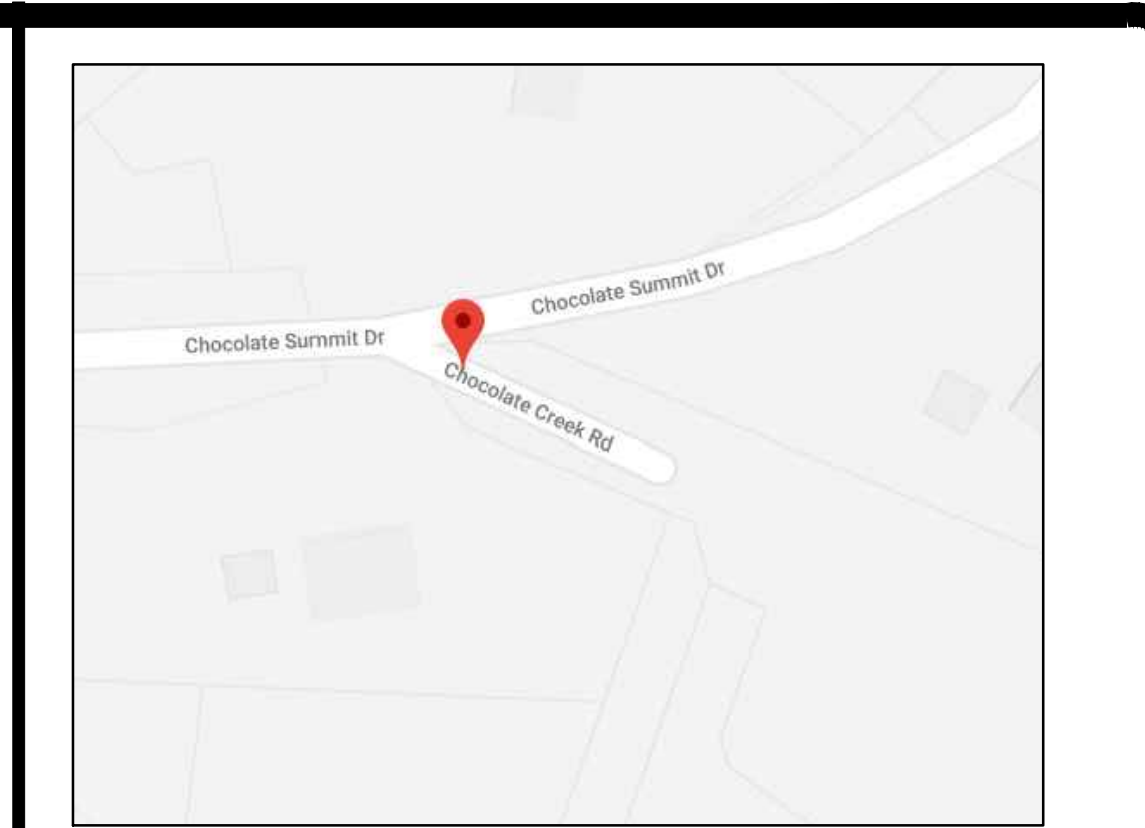
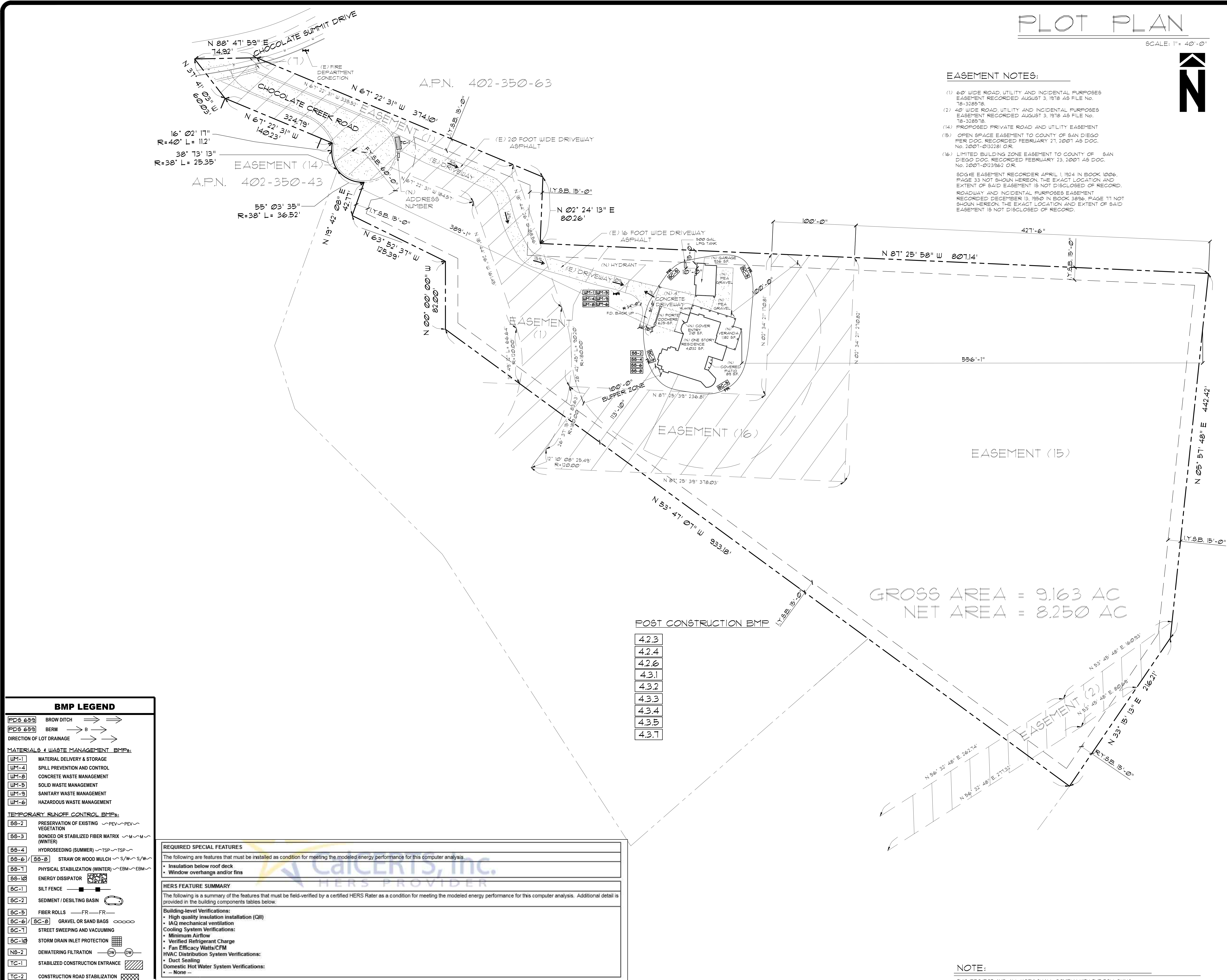
CUSTOM HOME FOR SADLER

9782 CHOCOLATE CREEK RD. EL CAJON, CA. 92021

AUSTIN & ASSOCIATES
ALAN LLOYD AUSTIN
622 PIONEER WAY EL CAJON CA 92020 Ph. (619)440-3624
RESIDENTIAL & COMMERCIAL PLANNING AND DESIGN
MEMBER: AMERICAN INSTITUTE OF BUILDING DESIGN

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TS



NO SCALE T.B. *, GRID

SITE DATA:

MAP: A10
ZONE: A10
LOT SIZE: 399,009.60 SQ. FT. = 9.16 AC.
SETBACK: F.Y.S.B. 6'-0" 0"
E.Y.S.B. 15'-0" 0"
R.Y.S.B. 15'-0" 0"

PARCEL MAP No. 20255

IMPERVIOUS AREA:

EXISTING D/W = 5,620 SQ. FT.

PROPOSED NEW IMPERVIOUS AREA:

ONE STORY RESIDENCE	4,032	SQ. FT.
GARAGE	936	SQ. FT.
FORTE-COCHERE + COVERED ENTRY	1,182	SQ. FT.
VERANDA	336	SQ. FT.
COVER PATIO	843	SQ. FT.
DRIVEWAY	2,220	SQ. FT.
TOTAL	9,166	SQ. FT.

DISTURBED AREA:

10,000 SF.

NO LANDSCAPING OVER 500 SF.

SCOPE OF WORK:

BUILD NEW CUSTOM HOME: GARAGE, VERANDA, DRIVEWAY, COVER, COVER ENTRY, 4 FORTE COCHERE, TRELLE & PATIO, D/W SIDEWALK.

FLOOR AREA	4,032	SQ. FT.
GARAGE	936	SQ. FT.
VERANDA	1,182	SQ. FT.
DRIVEWAY COVER	336	SQ. FT.
COVER ENTRY	843	SQ. FT.
TRELLE & PATIO	843	SQ. FT.
D/W & SIDEWALK	3,482	SQ. FT.

SHEET INDEX:

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A-5	ELECTRICAL FLOOR PLAN
A-6	SECTIONS A-B-C-D
A-7	SECTION E-F-G-H
A-8	TITLE 14 AND SCHEDULE DOORS AND WINDOWS
S-1	STRUCTURAL SPECIFICATIONS
S-2	FOUNDATION PLAN
S-3	ROOF FRAMING PLAN
S-4	TRUSS PLACEMENT PLAN
D-1	DETAILS
D-2	DETAILS
D-3	DETAILS

LEGAL:

APN: 402-351-16-00
PARCEL 3 FM 20255
SITE ADDRESS: 9782 CHOCOLATE CREEK RD.
EL CAJON, CA, 92021

OWNER:

GEORGE SADLER
3920 DENVER DR.
LA MESA, CA, 91941
(615) 609-8918

REVISIONS	BY
01-29-2019	OQ
05-18-2021	OQ

CUSTOM HOME FOR SADLER

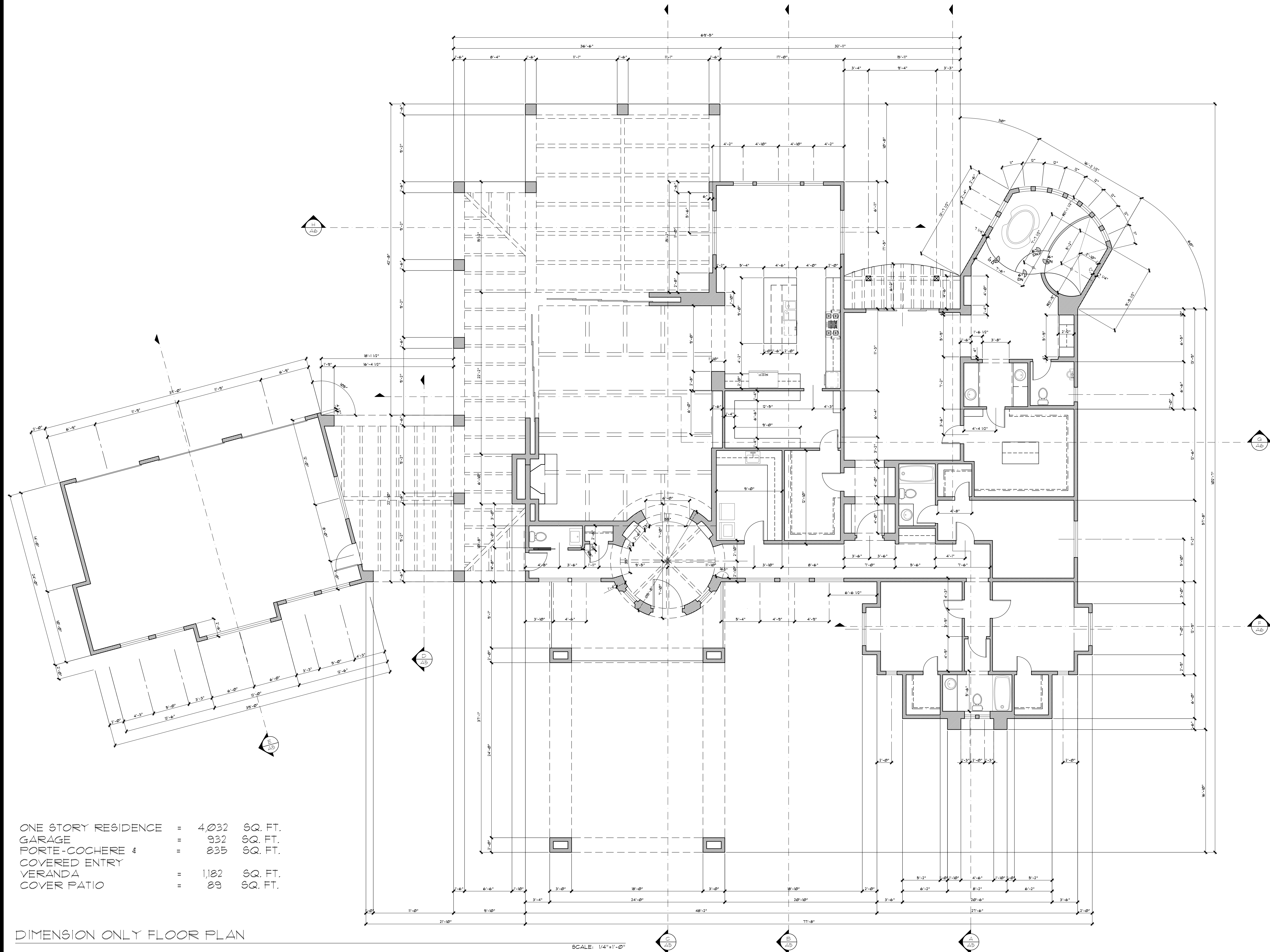
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A-2

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Austin & Associates

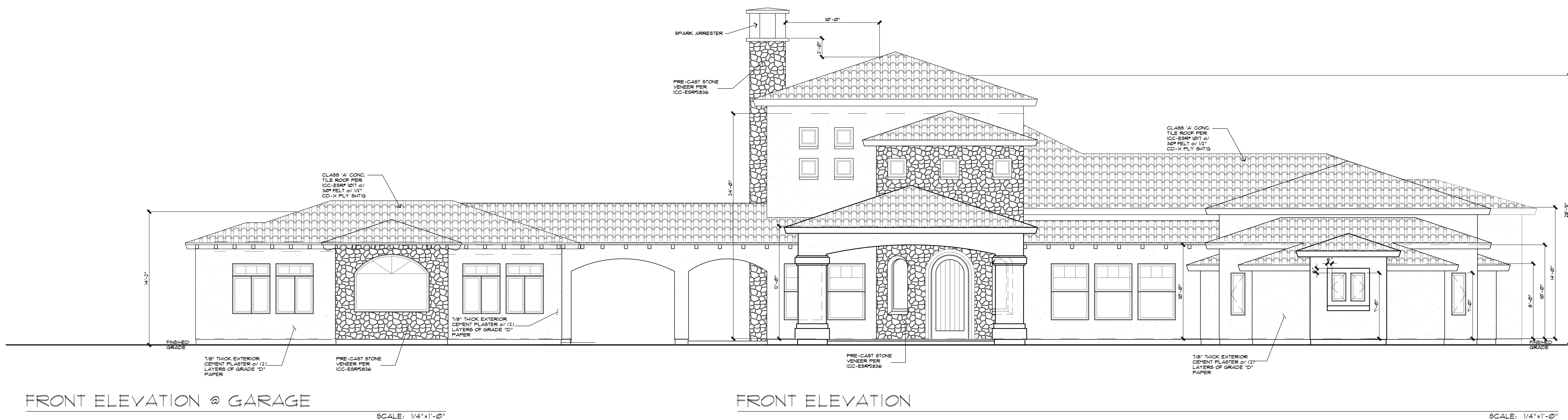
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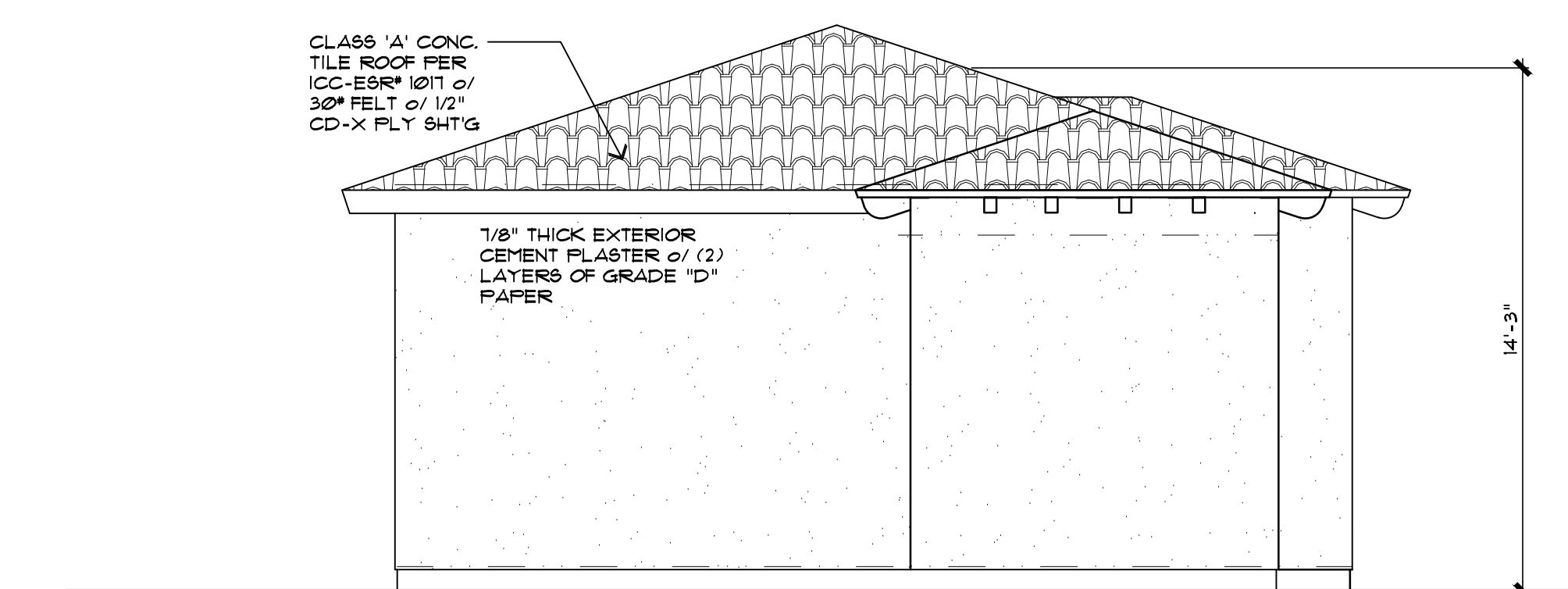
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FIRE DEPT. NOTES:

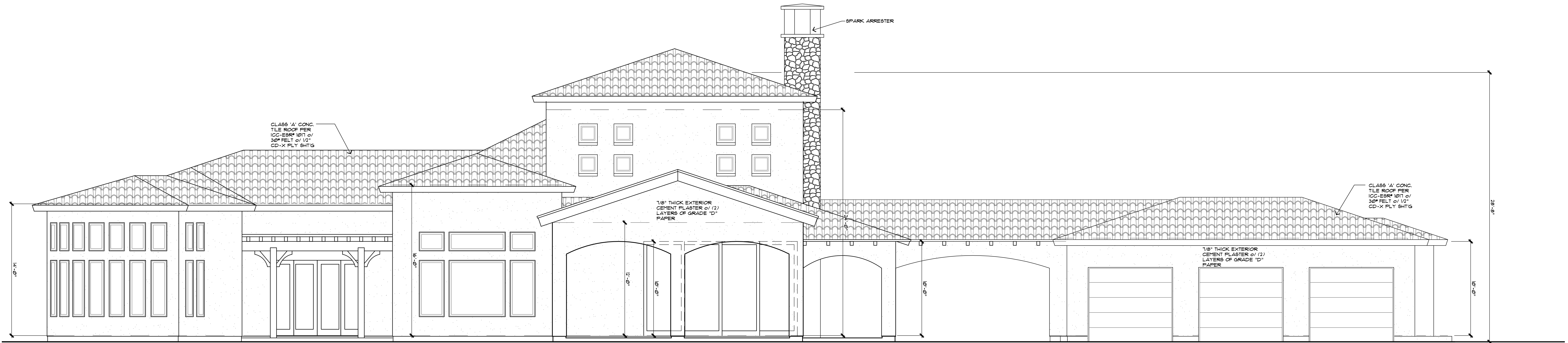
1. A 100 FOOT FUEL MODIFICATION ZONE IS REQUIRED AROUND ALL STRUCTURES. THE FUEL MODIFICATION ZONE IS DIVIDED INTO TWO ZONES AS FOLLOWS:
 - A) THE FIRST ZONE INCLUDES THE AREA FROM ANY BUILDING TO A FRONT 50 FEET AWAY. THIS ZONE MUST BE CLEARED AND PLANTED WITH FIRE-RESISTANT PLANTS.
 - B) THE SECOND ZONE IS THE AREA BETWEEN 50 TO 100 FEET FROM THE BUILDING. IN THIS ZONE THE NATIVE VEGETATION MAY REMAIN BUT MUST BE THINNED BY 50% AND ALL DEAD AND DYING VEGETATION MUST BE REMOVED. IF YOU DO NOT HAVE A GRADING PERMIT PRIOR TO ANY CLEARING OR BRUSH PLEASE CONTACT THE ZONING SECTION AT 661-965-9581 TO DETERMINE IF A GRADING AND CLEARING PERMIT IS NECESSARY.
2. ROOFING SHALL HAVE A MINIMUM CLASS 'A' ROOF COVERING FOR ROOF COVERINGS WHERE THE PROFILE ALLOWS A SPACE BETWEEN THE ROOF COVERING AND ROOF DECKING. THE SPACE & THE EAVE ENDS SHALL BE FIRE STOPPED TO PRECLUDE ENTRY OF FLAMES OR EMBERS.
3. EXTERIOR WALL FINISH SHALL BE NON-COMBUSTIBLE MATERIALS (STUCCO, CEMENT FIBER BOARD, MASONRY, ETC.).
4. COMBUSTIBLE EAVES, BOFFITS, & FASCIAS SHALL BE CONSTRUCTED AS GUIDED IN GUIDANCE DOCUMENTS.
5. UNENCLOSED UNDER-FLOORS SHALL BE ENCLOSED TO THE GROUND W/ NON-COMBUSTIBLE CONSTRUCTION OR APPROVED ALTERNATIVE.
6. GLAZING/ WINDOWS SHALL HAVE A FIRE RATING NO LESS THAN 20 MIN. OR SHALL BE DUAL-GLAZED UNITS WITH A MINIMUM OF ONE TEMPERED PANE. FRAMES MADE OF VINYL SHALL HAVE WELDED STEEL CORNERS. METAL REINFORCED IN THE INTERLOCK AREA. VINYL WINDOWS BY TILGARD, UNDERMASTER, CERTANTICED, OR EQUAL TO BE USED, UNLESS OTHERWISE NOTED OR PER OWNER.
7. APPROVED SPARK ARRESTER REQUIRED ON ALL CHIMNEY, FLUE, & OR STOVE PIPES.
8. SKYLIGHTS SHALL BE A TEMPERED GLASS ASSEMBLY.
9. ROOF GUTTERS AND DOWN SPOUTS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL AND DESIGNED TO REDUCE ACCUMULATION OF LEAF LITTER AND DEBRIS.
10. EXTERIOR DOORS SHALL BE APPROVED IGNITION RESISTANT CONSTRUCTION. SOLID-CORE WOOD NOT LESS THAN 1 3/8\"/>
11. PROJECTIONS SUCH AS DECKS, CARPORTS, BALCONIES, PATIO COVERS, ETC. SHALL BE OF NON-COMBUSTIBLE CONSTRUCTION. FIRE RESISTANT TREATED WOOD, HEAVY TIMBER CONIST, OR ONE HOUR FIRE-RESISTIVE CONSTRUCTION. HEAVY TIMBER OR FIRE-RESISTANT WOOD IS TO BE USED UNLESS OTHERWISE NOTED. THERE IS NO FIRE RESISTIVE REQUIREMENT OF HANDRAILS AND BALLUSTERS.
12. ALL VENTS MUST BE LOUVERED AND COVERED WITH 1/8\"/>
13. PAPER FACED INSULATION IS NOT PERMITTED IN ATTICS OR OTHER VENTILATED SPACES.
14. ANY PORTION OF A FENCE OR OTHER STRUCTURE WITHIN 5'-0\"/>
15. EXPOSED VALLEY FLASHING SHALL BE AT LEAST NO.26-GAUGE CORROSION-RESISTANT METAL INSTALLED OVER A MINIMUM 3/4\"/>
16. VENTS SHALL NOT BE INSTALLED IN EAVES OVERHANGS, SPOUTS, OR CORNICES. GABLE-END VENTS WILL BE ALLOWED IF THE VENTS ARE LOCATED A MINIMUM OF 1' BELOW THE LOWEST EAVE/RIDGE PROJECTIONS.
17. IN ROOF COVERINGS WHERE THE PROFILE CREATES SPACE BETWEEN THE ROOF COVERING & COMBUSTIBLE ROOF DECKING, PROVIDE ONE LAYER OF NO. 15 3/4\"/>



LEFT ELEVATION @ GARAGE

NOTES:

- A. THE MAXIMUM ALLOWABLE BUILDING HEIGHT IS 35 FT. PER PLANING / ZONING REGULATIONS. REVISE AS NECESSARY.

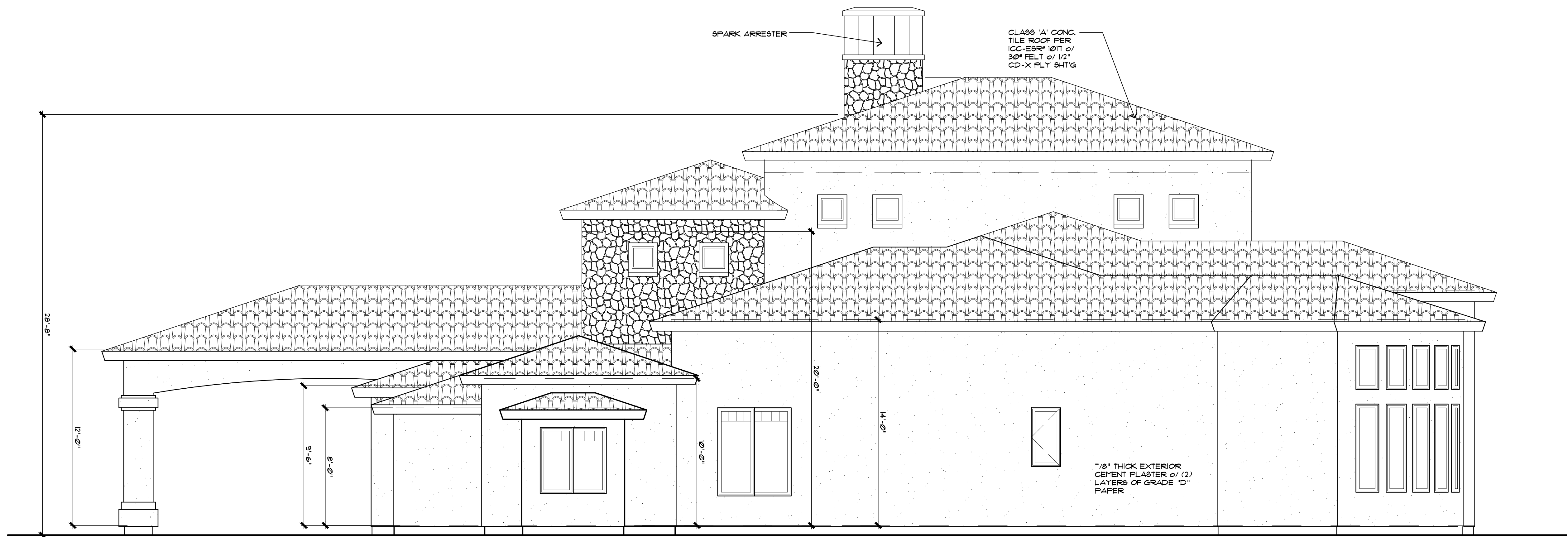


REAR ELEVATION

SCALE: 1/4"=1'-0"

REAR ELEVATION @ GARAGE

SCALE: 1/4"=1'-0"



RIGHT ELEVATION

SCALE: 1/4"=1'-0"

FIRE DEPT. NOTES:

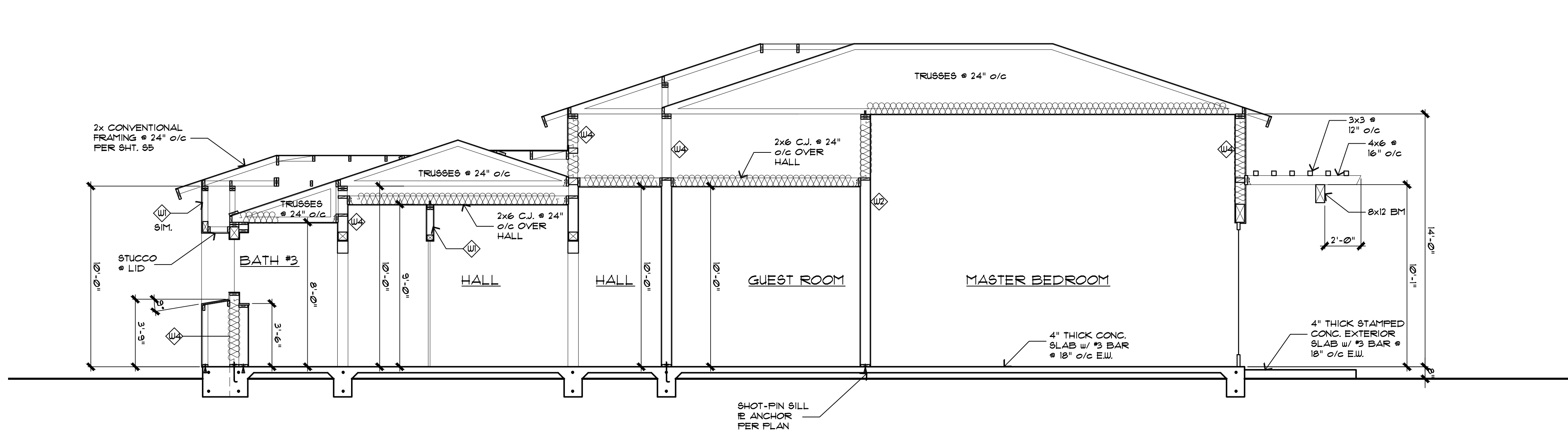
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15. EXPOSED VALLEY FLASHING SHALL BE AT LEAST 20-GAUGE CORROSION-RESISTANT METAL INSTALLED OVER A MINIMUM 3/4" WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF NO. 15 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY.
16. VENTS SHALL NOT BE INSTALLED IN EAVES, EAVE OVERHANGS, SOFFITS, OR CORNICES. GABLE-END VENTS WILL BE ALLOWED IF THE VENTS ARE LOCATED A MINIMUM OF 5' BELOW THE LOWEST EAVEWAKE PROJECTIONS.
17. IN ROOF COVERINGS WHERE THE PROFILE CREATES SPACE BETWEEN THE ROOF COVERING & COMBUSTIBLE ROOF DECKING, PROVIDE ONE LAYER OF NO. 15 ASTM CAP SHEET INSTALLED OVER COMBUSTIBLE DECKING, UOIN ON PLANS.

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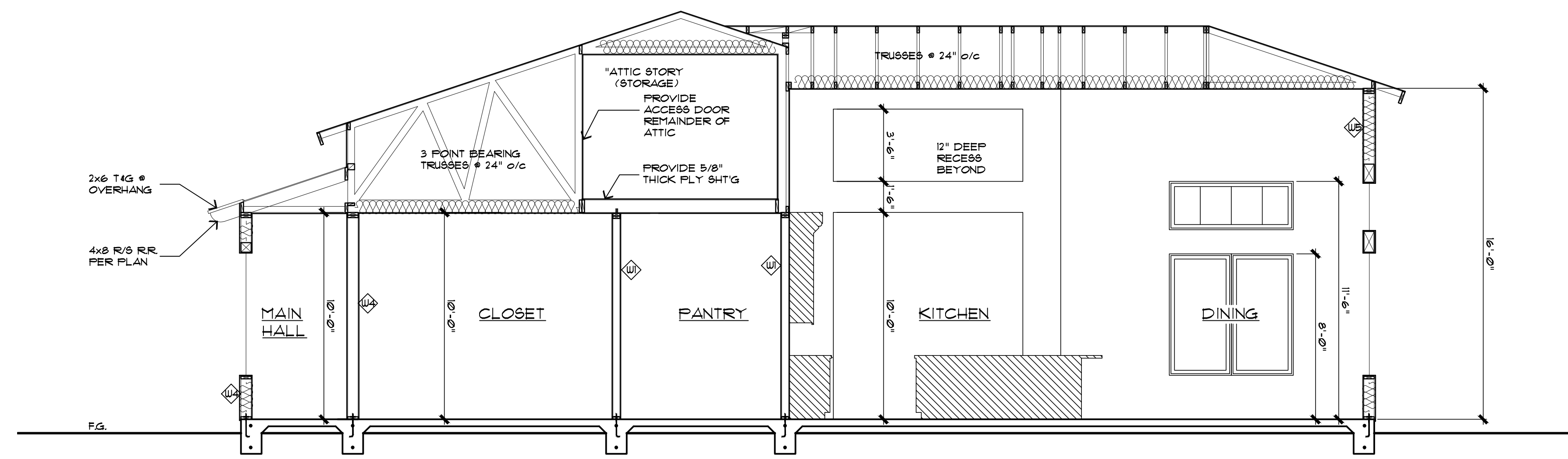
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1622 PIONEER WAY EL CAJON CA 92020 Ph. (619)440-3624
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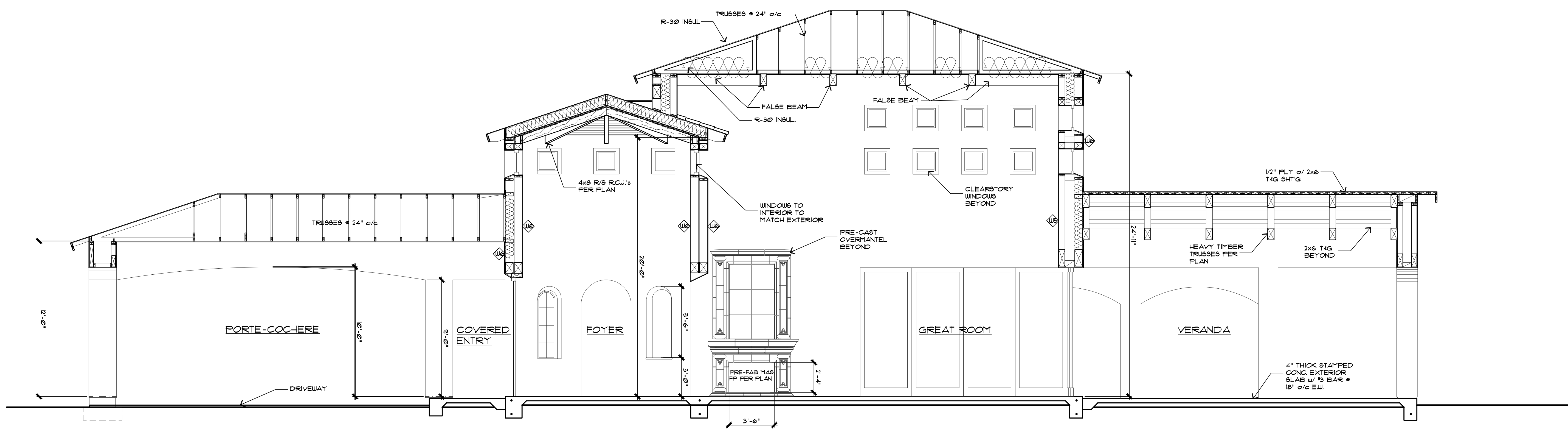
SECTION A

SCALE: 1/4"=1'-0"



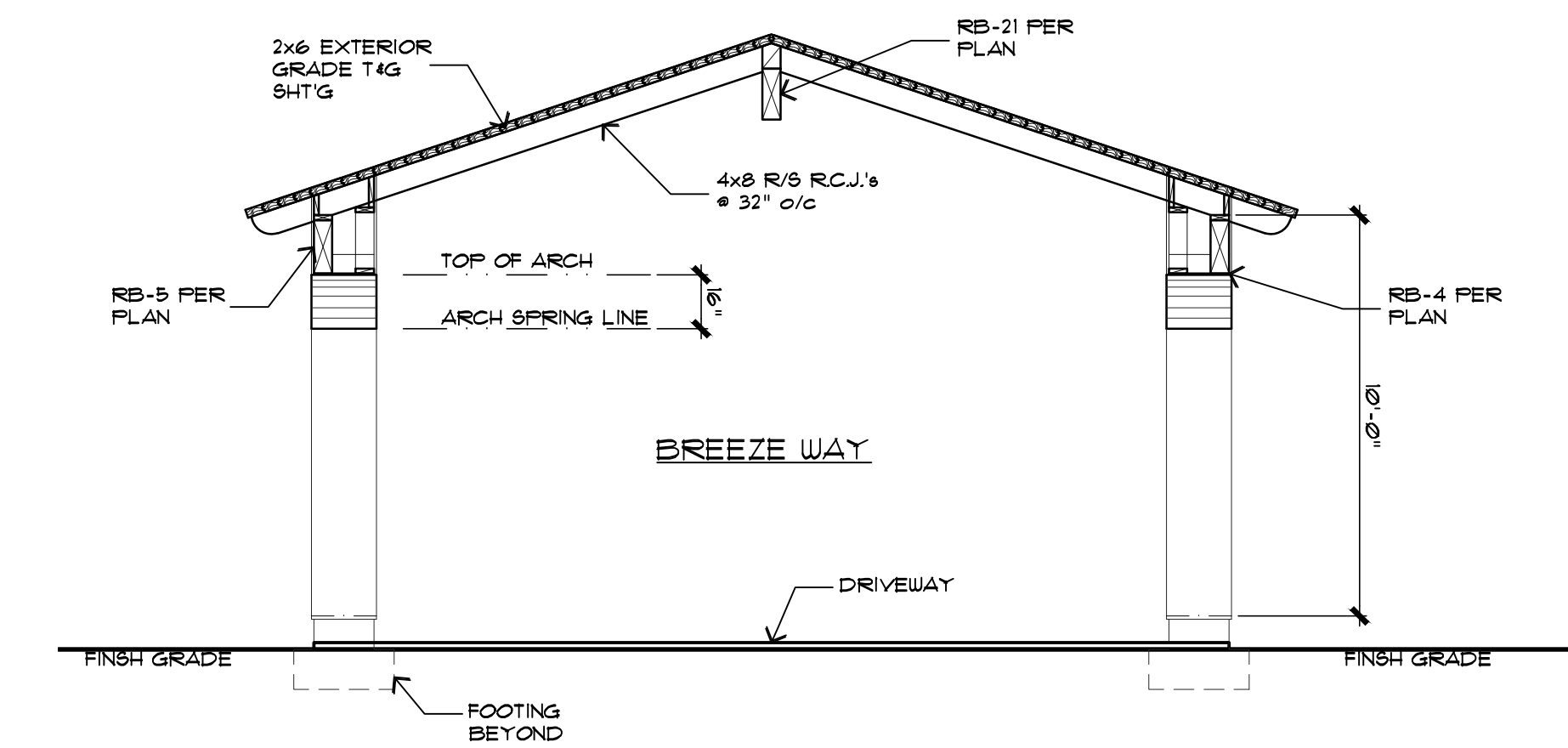
SECTION B

SCALE: 1/4"=1'-0"



SECTION C

SCALE: 1/4"=1'-0"



SECTION D

SCALE: 1/4"=1'-0"

WALL LEGEND

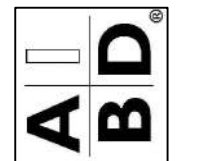
- INTERIOR WALLS UP TO 10'-0" IN HEIGHT TO BE 2x4 STUDS # 16" o/c
- INTERIOR NON-BEARING WALLS OVER 10'-0" IN HEIGHT UP TO 14'-0" TO BE 2x6 STUDS # 16" o/c
- INTERIOR NON-BEARING WALLS OVER 14'-0" IN HEIGHT TO BE 1 1/2" x 5 1/2" LITE VERSA STUDS # 16" o/c PER PLAN
- INTERIOR / EXTERIOR BEARING WALLS UP TO 14'-0" IN HEIGHT TO BE 2x6 STUDS # 16" o/c
- INTERIOR / EXTERIOR BEARING WALLS OVER 14'-0" IN HEIGHT TO BE 1 1/2" x 5 1/2" LITE VERSA STUDS # 16" o/c
- INTERIOR / EXTERIOR BEARING WALLS OVER 14'-0" IN HEIGHT TO BE 1 1/2" x 1 1/4" LITE VERSA STUDS # 16" o/c

REVISIONS	BY
01-29-2019	OC
05-18-2021	OC

CUSTOM HOME FOR SADLER

9782 CHOCOLATE CREEK RD. EL CAJON, CA. 92021

AUSTIN & ASSOCIATES
ALAN LLOYD AUSTIN
1622 PIONEER WAY EL CAJON CA 92020 Ph. (619)440-3624
RESIDENTIAL & COMMERCIAL PLANNING AND DESIGN
MEMBER AMERICAN INSTITUTE OF BUILDING DESIGN



DRAWN BY:
CHECKED BY:
DATE:
SCALE:
AS NOTED
JOB NO.

A-6

REVISIONS	BY
01-29-2019	OC
05-18-2021	OC

CUSTOM HOME FOR SADLER

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A B D

DRAWN BY: OC

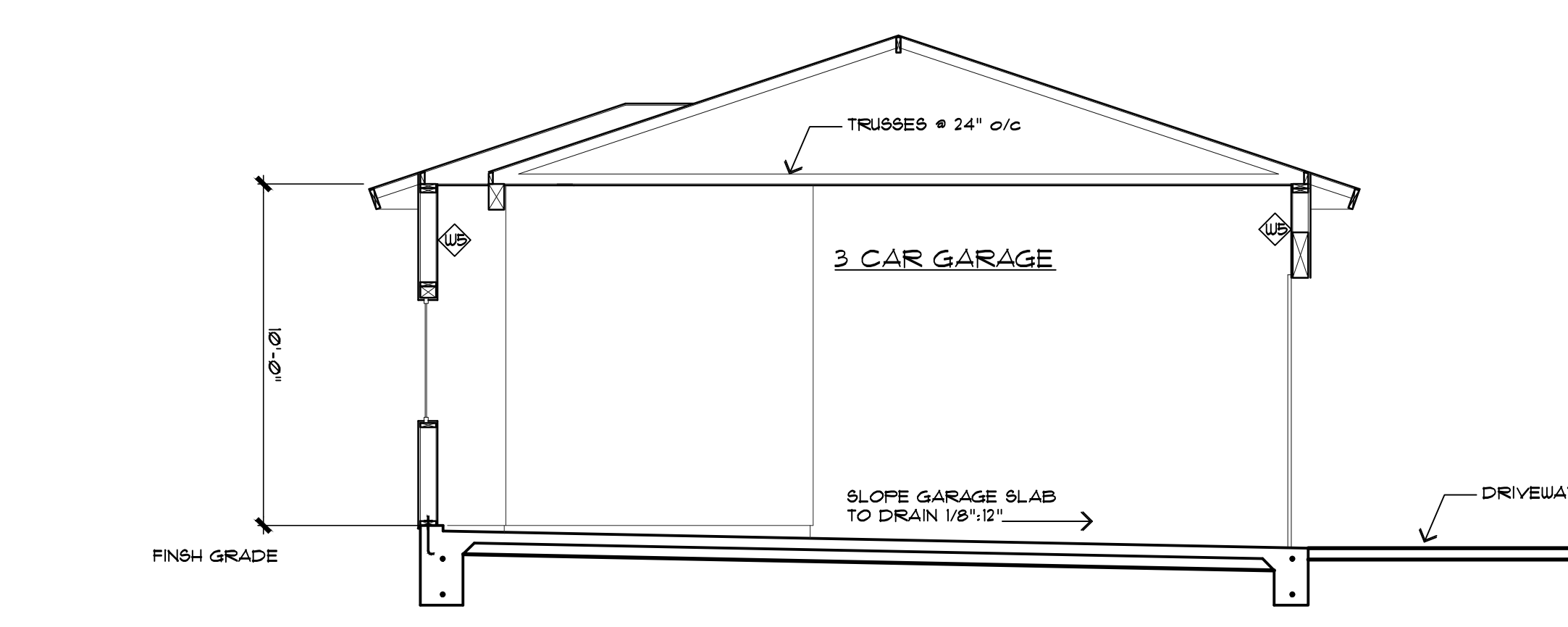
CHECKED BY: ALA

DATE: 1-18

SCALE: AS NOTED

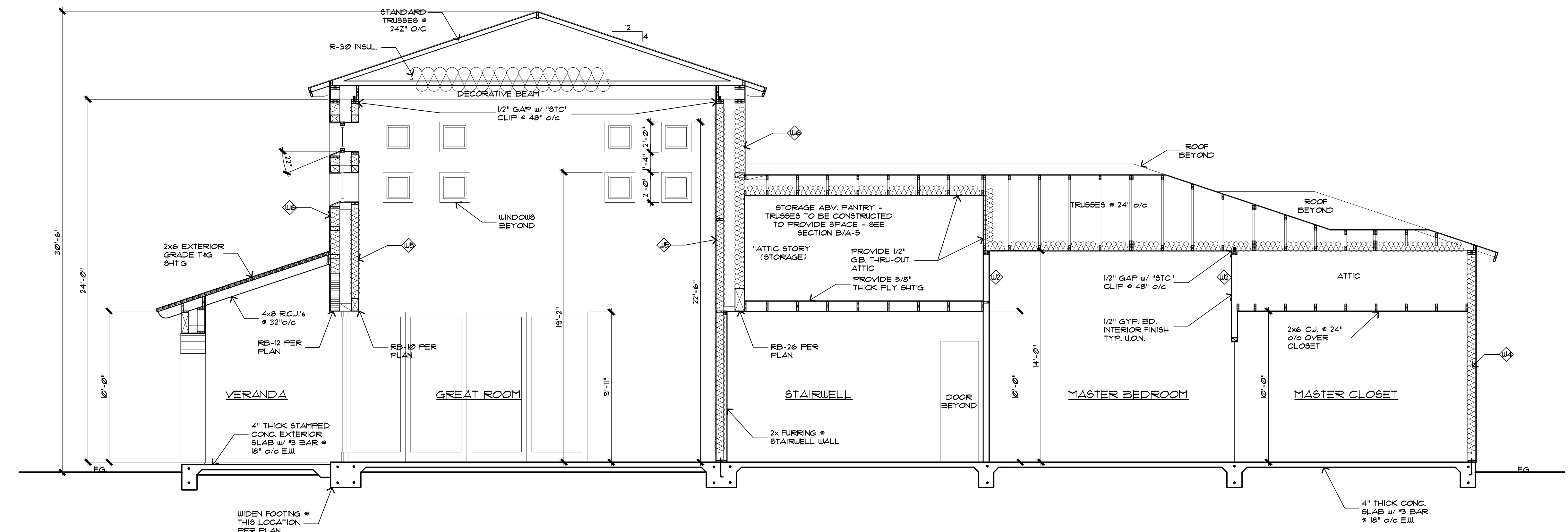
JOB NO.

A-7



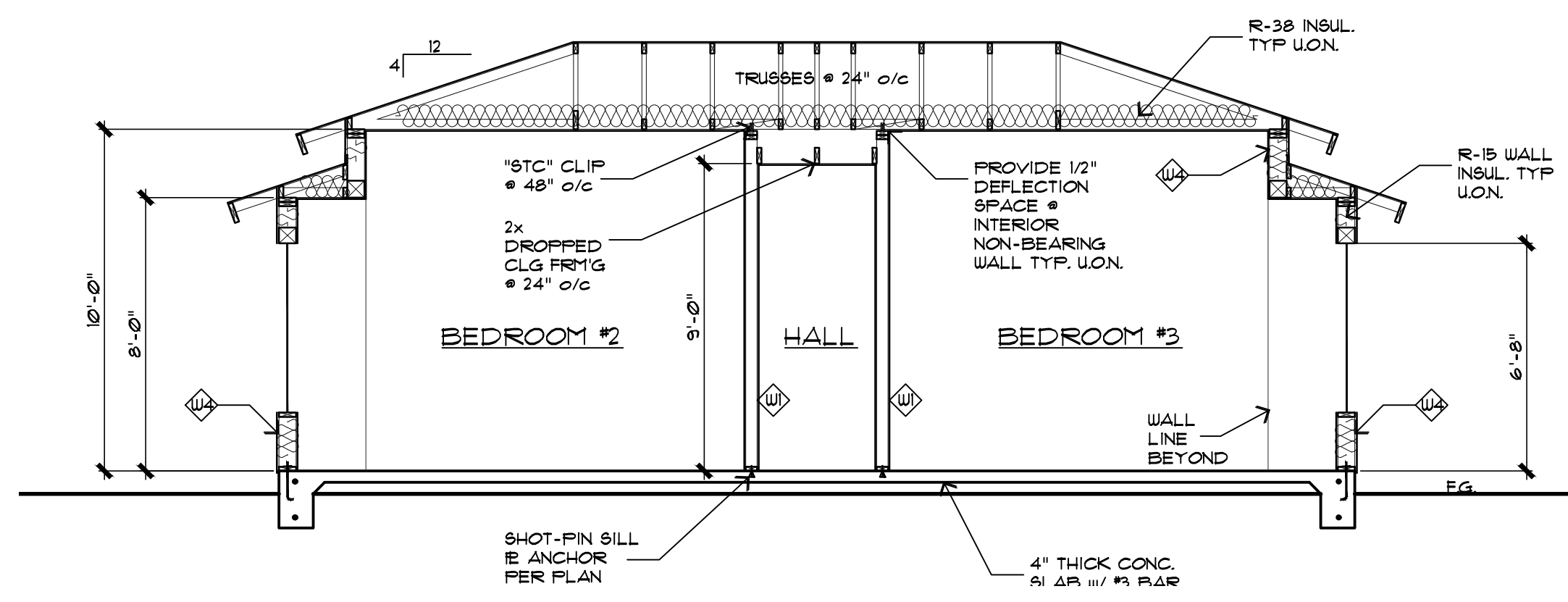
SECTION E

SCALE: 1/4"=1'-0"



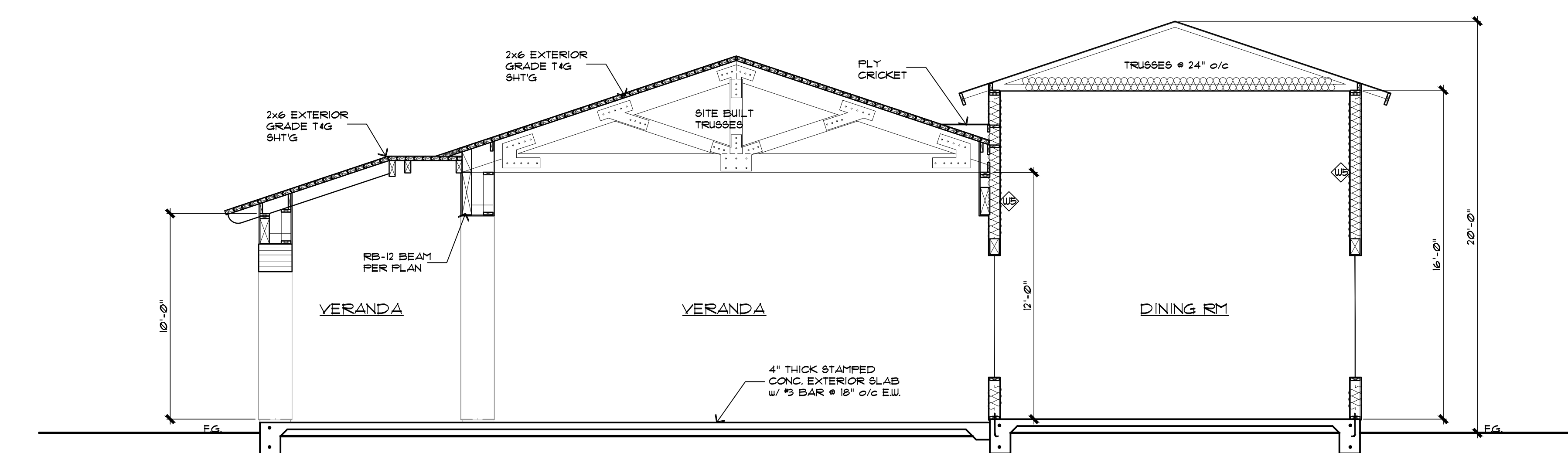
SECTION G

SCALE: 1/4"=1'-0"



SECTION F

SCALE: 1/4"=1'-0"



SECTION H

SCALE: 1/4"=1'-0"

WALL LEGEND	
◆	INTERIOR WALLS UP TO 10'-0" IN HEIGHT TO BE 2x4 STUDS @ 16" o/c
◆	INTERIOR NON-BEARING WALLS OVER 10'-0" IN HEIGHT UP TO 14'-0" TO BE 2x6 STUDS @ 16" o/c
◆	INTERIOR NON-BEARING WALLS OVER 14'-0" IN HEIGHT TO BE 1 1/2" x 8 1/2" LITE VERSA STUDS @ 16" o/c PER PLAN
◆	INTERIOR / EXTERIOR BEARING WALLS UP TO 14'-0" IN HEIGHT TO BE 2x6 STUDS @ 16" o/c
◆	INTERIOR / EXTERIOR BEARING WALLS OVER 14'-0" IN HEIGHT TO BE 1 1/2" x 8 1/2" LITE VERSA STUDS @ 16" o/c
◆	INTERIOR / EXTERIOR BEARING WALLS OVER 14'-0" IN HEIGHT TO BE 1 1/2" x 11 1/4" LITE VERSA STUDS @ 16" o/c

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: Sadler Residence

Calculation Date/Time: 13:48, Wed, Nov 28, 2018

Calculation Description: Title 24 Analysis

Input File Name: Sadler1.rbd16x

CF1R-PRF-01

Page 1 of 12

GENERAL INFORMATION									
01	Project Name	Sadler Residence							
02	Calculation Description	Title 24 Analysis							
03	Project Location	APN 402-261-15, 15, 16 Chocolate Summit Dr							
04	City	El Cajon							
05	Zip Code	92021							
06	Climate Zone	C210							
07	Building Type	Single Family							
08	Project Scope	Newly Constructed							
09	Total Cond. Floor Area (ft²)	4316							
10	Slab Area (ft²)	1748							
11	Additional Cond. Floor Area (ft²)	n/a							
12	Additional Slab Area (ft²)	n/a							
13	Glazing Percentage (%)	26.1%							
COMPLIANCE RESULTS									
01	Building Complies with Computer Performance								
02	This building incorporates features that require field testing and/or verification by a certified HERS Rater under the supervision of a CEC-approved HERS Provider.								
03	This building incorporates one or more Special Features shown below								

HERS PROVIDER

ENERGY USE SUMMARY

04	05	06	07	08
Energy Use (kBtu/yr-ft²)	Standard Design	Proposed Design	Compliance Margin	Percent Improvement
Space Heating	20.73	11.23	- 9.78	- 47.6%
Space Cooling	16.19	11.23	- 4.95	- 30.6%
IAQ Ventilation	0.86	0.86	0.00	0.0%
Water Heating	8.50	7.26	- 1.24	- 14.6%
Photovoltaic Offset	-	0.00	0.00	0.0%
Compliance Energy Total	53.33	54.92	0.41	0.7%

Registration Number: 219-0101010104-000-00000000-0000

Registration Date/Time: 2019-01-14 16:04:56

HERS Provider: CUECHTS1

CA Building Energy Efficiency Standards / 2019 Residential Compliance

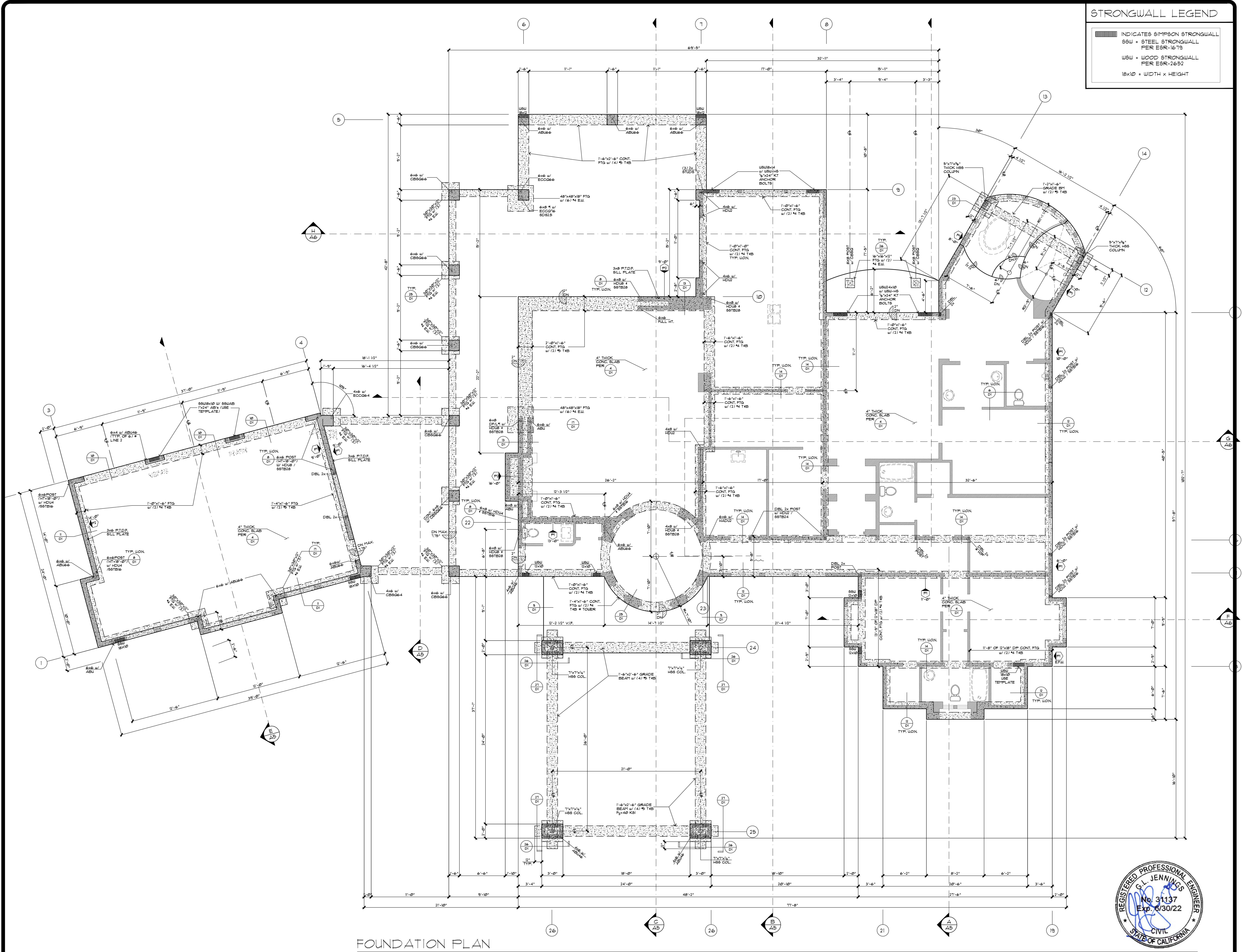
Report Version: C-PR1-1102019-1140

Report Generated at: 2019-11-28 13:49:01

Registration Number: 219-P101010101A-000-000-000000-0000
Registration Date/Time: 2019-01-14 16:04:58
CA Building Energy Efficiency Standards - 2016 Residential Compliance
Report Version: CF1R-11162018-1148
HERS Provider: CalCERTS, Inc.
Report Generated at: 2018-11-28 13:49:22

FENESTRATION / GLAZING									
01	02	03	04	05	06	07	08	09	10
Name	Type	Surface (Orientation/Admuth)	Width (ft)	Height (ft)	Multiplier	Area (ft²)	U-factor	SHGC	Exterior Shading
Window B 4060SH1	Window	Front Wall (Front-270)	4.0	6.0	1	24.0	0.30	0.21	Insert Screen (default)
Window B 4060SH2	Window	Front Wall (Front-270)	4.0	6.0	1	24.0	0.30	0.21	Insert Screen (default)
Window B 4060SH3	Window	Front Wall (Front-270)	4.0	6.0	1	24.0	0.30	0.21	Insert Screen (default)
Window B 4060SH4	Window	Front Wall (Front-270)	4.0	6.0	1	24.0	0.30	0.21	Insert Screen (default)
Window B 4060SH5	Window	Front Wall (Front-270)	4.0	6.0	1	24.0	0.30	0.21	Insert Screen (default)
Window C 2000FX	Window	Front Wall (Front-270)	—	—	1	4.0	0.31	0.19	Insert Screen (default)
Window C 2000FX2	Window	Front Wall (Front-270)	—	—	1	4.0	0.31	0.19	Insert Screen (default)
Window C 2000FX3	Window	Front Wall (Front-270)	—	—	1	4.0	0.31	0.19	Insert Screen (default)
Window C 2000FX4	Window	Front Wall (Front-270)	—	—	1	4.0	0.31	0.19	Insert Screen (default)
Window C 2000FX5	Window	Front Wall (Front-270)	—	—	1	4.0	0.31	0.19	Insert Screen (default)
Window C 1846CSMT	Window	Front Wall (Front-270)	1.5	4.5	1.007	6.8	0.30	0.19	Insert Screen (default)
Window C 1846CSMT2	Window	Front Wall (Front-270)	1.5	4.5	1.007	6.8	0.30	0.19	Insert Screen (default)
Window C 1846CSMT3	Window	Front Wall (Front-270)	1.5	4.5	1.007	6.8	0.30	0.19	Insert Screen (default)
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Window C 1846CSMT12	Window	Front Wall (Front-270)	1.5	4.5	1.007	6.8	0.30	0.19	Insert Screen (default)
Window C 1846CSMT13	Window	Front Wall (Front-270)	1.5	4.5	1.007	6.8	0.30	0.19	Insert Screen (default)
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Window C 1846CSMT35	Window	Front Wall (Front-270)	1.5	4.5	1.007	6.8	0.30	0.19	Insert Screen (default)
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Registration Number: 219-01970104-00000000-



STRONGWALL LEGEND

INDICATES SIMPSON STRONGWALL
SSW = STEEL STRONGWALL
PER ESR-1679
WSW = WOOD STRONGWALL
PER ESR-2652
18x10 = WIDTH x HEIGHT

REVISIONS	BY
01-29-2019	OC
05-18-2021	OC

CUSTOM HOME FOR SADLER
9782 CHOCOLATE CREEK RD. EL CAJON, CA. 92021

AUSTIN & ASSOCIATES
ALAN LLOYD AUSTIN
1622 PIONEER WAY EL CAJON CA 92020 PH. (619)440-3624
RESIDENTIAL & COMMERCIAL PLANNING AND DESIGN
MEMBER AMERICAN INSTITUTE OF BUILDING DESIGN

DRAWN BY:	OC
CHECKED BY:	ALA
DATE:	-19
SCALE:	AS NOTED
JOB NO.	



SCALE: 1/4"=1'-0"

STRONGWALL LEGEND

INDICATES SIMPSON STRONGWALL
SSW = STEEL STRONGWALL
WSW = WOOD STRONGWALL
18x10 = WIDTH x HEIGHT

REVISIONS	BY
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A B D

REGISTERED PROFESSIONAL ENGINEER
No. 31137
Exp. 6/30/22
CIVIL
STATE OF CALIFORNIA

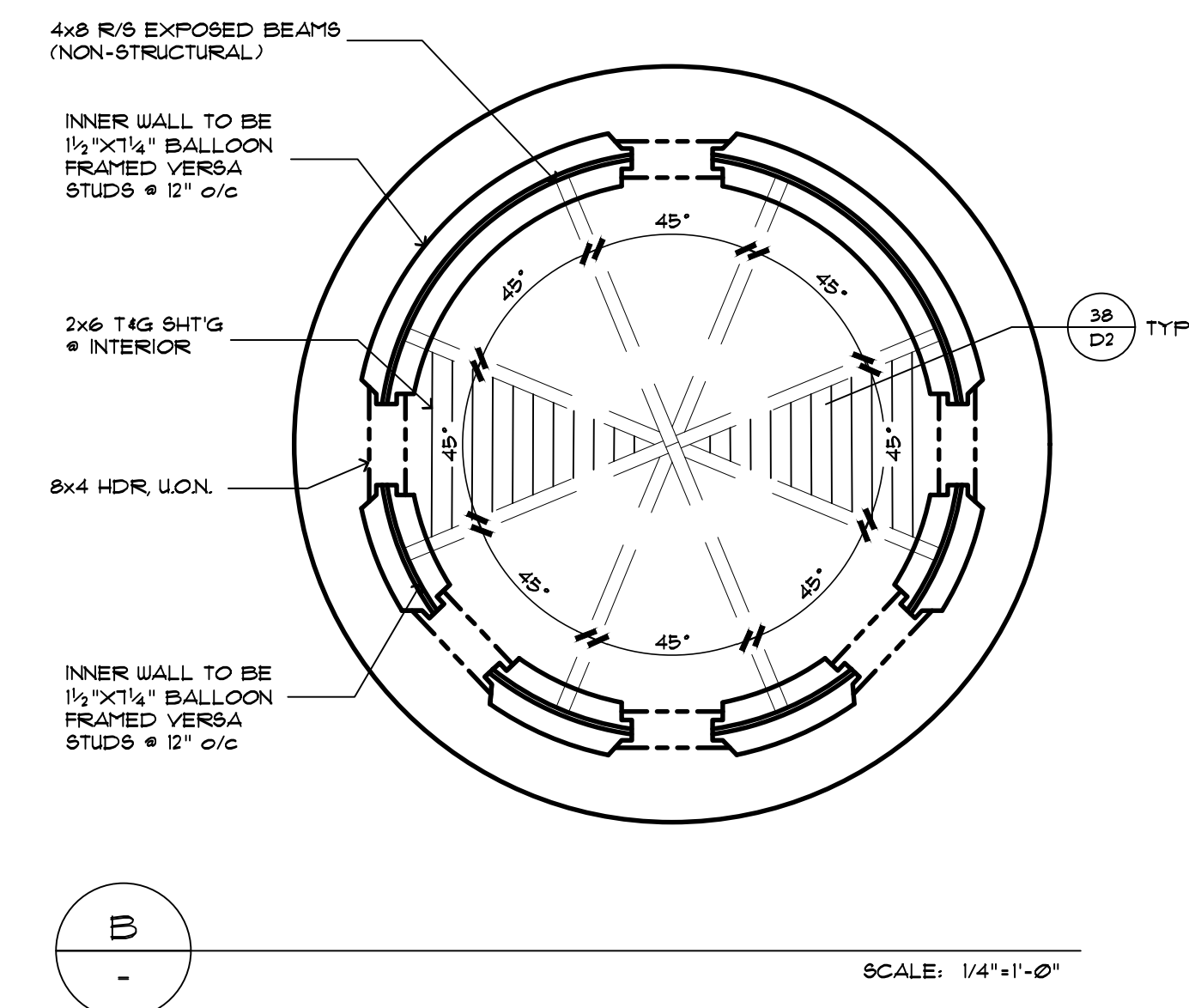
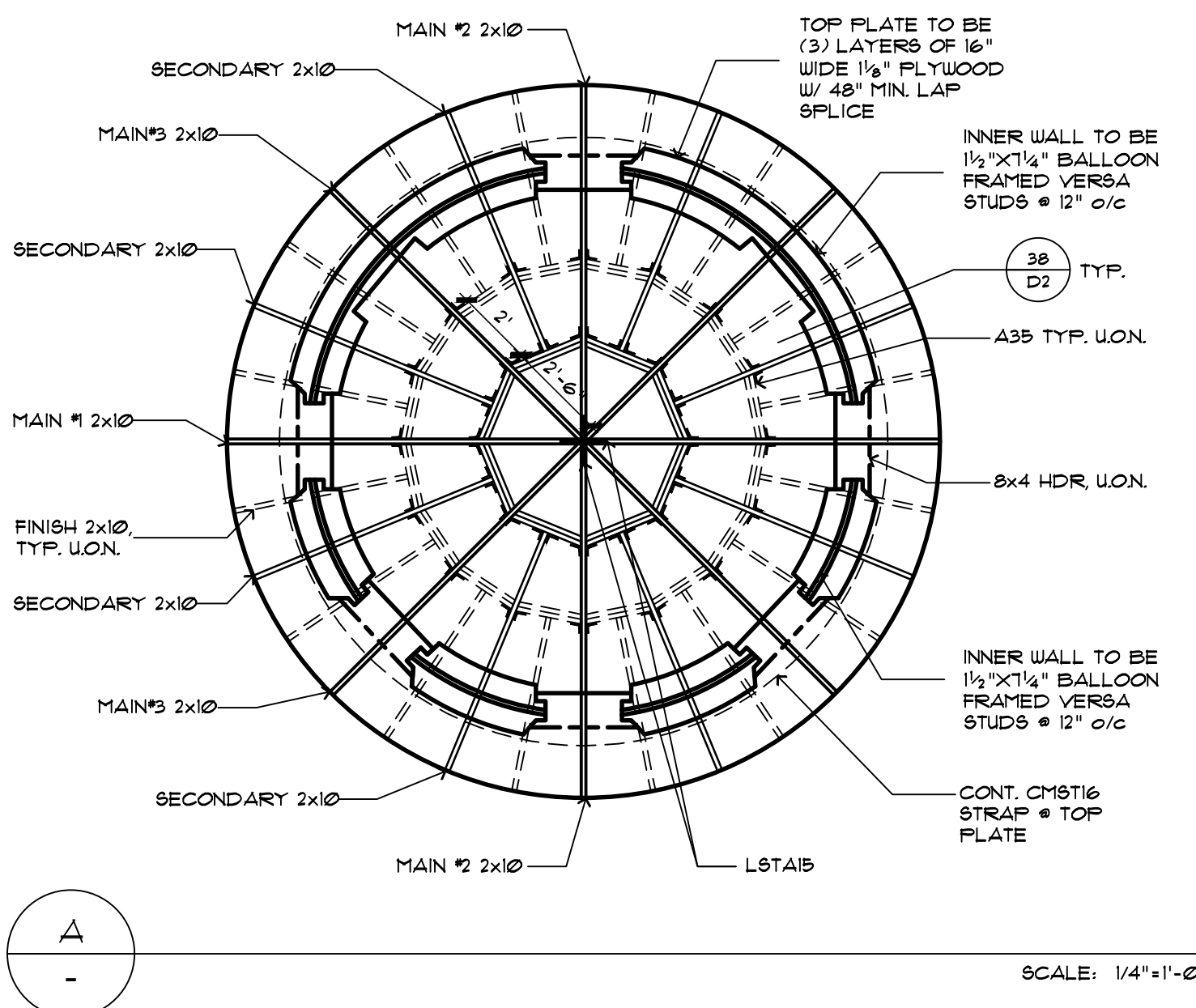
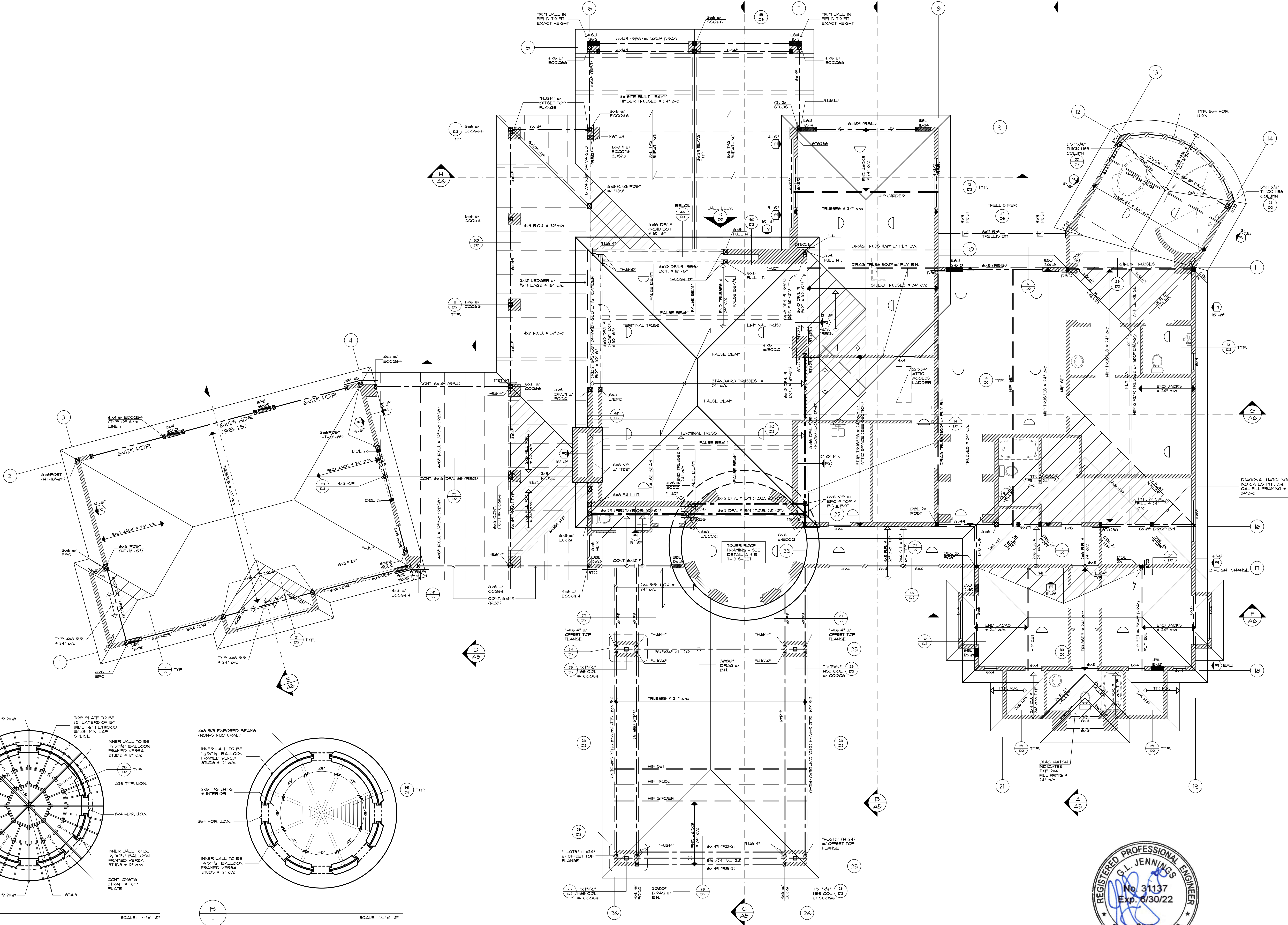
DRAWN BY: OC
CHECKED BY: ALA
DATE: 10-18
SCALE: AS NOTED
JOB NO.

S-3

ATTIC VENTILATION:

ROOF VENTS: 1

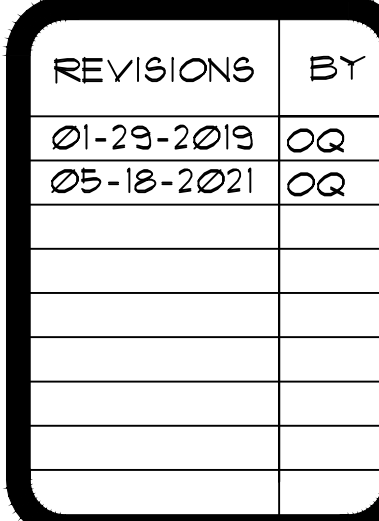
3639 SF / 1407E
3639 SF / 180 x 2426 SQ. / UNIT
CHIMNEY FIRE / ICE ROOF VENTS (0.88 SF / VENT)
2426 / 0.88 = 275 VENTS
28 VENTS PROVIDE / UNIT



ROOF FRAMING TOWER PLAN

ROOF FRAMING PLAN

SCALE: 1/4"=1'-0"



9782 CHOCOLATE CREEK RD. EL CAJON, CA. 92021

A	B

1622 PIONEER WAY EL CAJON CA. 92020
RESIDENTIAL & COMMERCIAL PLANNING AND DESIGN
MEMBER: AMERICAN INSTITUTE OF BUILDING DESIGNERS

S-4



Website: www.ramonalumber.com

DESIGNED BY: Ed Lozano

TOTAL LOAD
47 psf

SADLER
CHOCOLATE SUMMIT RD
EL CAJON , CA 92021