38582

STATE CODES: FLORIDA

6TH EDITION (2017) FLORIDA BUILDING CODE RESIDENTIAL
6TH EDITION (2017) FLORIDA BUILDING CODE ENERGY CONSERVATION

GENERAL NOTES:

ALL WORK SHALL BE IN ACCORDANCE WITH THE 2017 EDITION OF FLORIDA BUILDING CODE, AS ADOPTED AND SUPPLEMENTED BY LOCAL REGULATIONS.

- VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES.
- NO CHANGES OF INFORMATION SHOWN ON THESE DRAWINGS SHALL BE MADE WITHOUT THE SPECIFIC PRIOR WRITTEN APPROVAL OF THE ENGINEER.

- THE ENGINEER SHALL BE NOTIFIED OF ANY PROPOSED MODIFICATIONS. - DEMOLITION SHALL INCLUDE REMOVAL, TRANSPORT AND DISPOSAL OF ALL WASTE MATERIAL RELATED TO CONSTRUCTION TO AN APPROVED DISPOSAL FACILITY.

- ALL STRUCTURAL ELEMENTS ARE DESIGNED TO SUSTAIN SPECIFIED DEAD AND LIVE LOADS IN COMBINATION SO AS TO PRODUCE THE MOST CRITICAL CONDITIONS. SEE BELOW CRITERIA.

DESIGN CRITERIA

WIND LOAD DESIGN	*120 MPH*
EXPOSURE	*C*
FIRST FLOOR LIVE LOAD	*40 PSF*
FIRST FLOOR DEAD LOAD	*10 PSF*
ROOF LIVE LOAD	*20 PSF*
ROOF DEAD LOAD	*20 PSF*
INNER PRESSURE COEFFICIENT	*-0.18*
IMPORTANCE FACTOR	*1.0*
MEAN ROOF HEIGHT	*12 FT 3 IN*

REVISIONS			
NO	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			

SENEA CONSTRUCTION
SPEC HOUSE #2

COLUMBIA COUNTY BUILDING DEPARTMENT PLANS EXAMINER FILE COPY Received for Code Compliance

PLANS PREPARED FOR:
SENEA CONSTRUCTION
18282 69TH DRIVE
MCALPIN, FL 32062

SHEET LIST TABLE	
Sheet Number	Sheet Title
A-000	COVER SHEET
A-100	FLOOR PLAN
A-200	ELEVATIONS
S-100	STRUCTURAL NOTES
S-200	FOUNDATION PLAN
S-300	FOUNDATION DETAILS
S-400	STRUCTURAL DETAILS-I
S-401	STRUCTURAL DETAILS-II
S-402	STRUCTURAL DETAILS-III
S-403	STRUCTURAL DETAILS-IV
E-100	ELECTRICAL PLAN

COLUMBIA COUNTY BUILDING DEPARTMENT PLANS EXAMINER FILE COPY Received for Code Compliance

COMPLIANCE STATEMENT
THE STRUCTURE ILLUSTRATED IN THESE PLANS MEETS ALL STRUCTURAL REQUIREMENTS FOR THE 2017 FLORIDA BUILDING CODE AND WIND LOAD ANALYSIS TO SATISFY A 120MPH WIND ZONE.

THE DRAWINGS HEREIN ARE ONLY APPLICABLE AT THE LOCATION SPECIFIED BY THE PARCEL I.D. 23-5S-15-00476-010. THESE DRAWINGS ARE ARE NOT VALID FOR CONSTRUCTION ELSEWHERE.

CONSTRUCTION DOCUMENTS
ENGINEER OF RECORD:

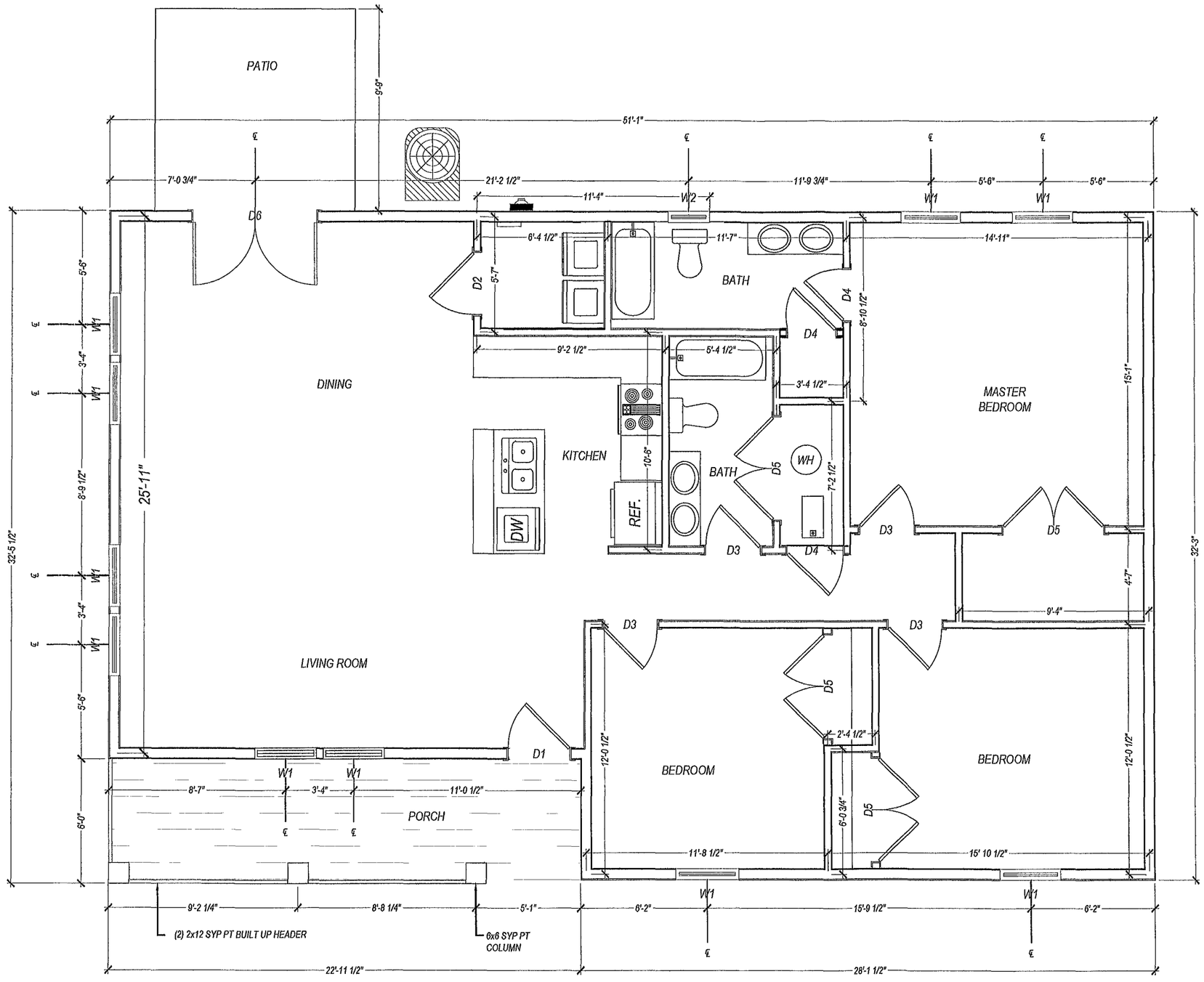
ADAM T. COLLINS LICENSED No 75584 STATE OF FLORIDA PROFESSIONAL ENGINEER

8/23/19

ADAM T. COLLINS
FLORIDA P.E. REGISTRATION NO. 75584 *Date: 2019.08.23*

PLANS PREPARED BY:

ADAM COLLINS ENGINEERING INC.
12558 BASS ROAD, LIVE OAK, FLORIDA 32060
P: 386.320.7400 F: 850.807.7309
WWW.COLLINSENG.COM
CERTIFICATE OF AUTHORIZATION: 31728



1 / A-100 FLOOR PLAN
SCALE 3/16" = 1'-0"

SCHEDULE OF OPENING			
TYPE	DIMENSION	REMARKS	QUANTITY IN NOS
DOORS			
D1	3'-0"x6'-8"	SINGLE DOOR (EXTERIOR WALL)	1
D2	3'-0"x6'-8"	SINGLE DOOR (INTERIOR WALL)	1
D3	2'-8"x6'-8"	SINGLE DOOR (INTERIOR WALL)	4
D4	2'-4"x6'-8"	SWINGING DOOR (INTERIOR WALL)	2
D5	TBD	DOUBLE DOOR (MASTER BEDROOM AND BATHROOM)	2
D6	6'-0"x6'-8"	FRENCH DOOR	1
WINDOWS			
W1	3'-0"x5'-0"	DINING, LIVING, BEDROOM AND MASTER BEDROOM WINDOW	10
W2	2'-0"x2'-0"	BATHROOM WINDOW	1

AREA SCHEDULE		
CONDITIONED AREA	1514.00	SFT
TOTAL AREA	1649.00	SFT

ADAM T. COLLINS LICENSE No. 75784 STATE OF FLORIDA PROFESSIONAL ENGINEER 8/23/19

NO	REVISIONS	DATE

DATE	2019.08.23
DRAWN	DMC
DESIGNED	DMC
CHECKED	ATC
JOB No.	19048

SUBMITTALS	DATE
COLUMBIA COUNTY BLDG DEPT	2019.08.23

PREPARED BY
ADAM COLLINS ENGINEERING INC.
CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM

CLIENT
SENEA CONSTRUCTION
18282 69TH DRIVE
MCALPIN, FL 32062

SHEET TITLE
FLOOR PLAN

PROJECT
SENEA CONSTRUCTION
SPEC HOUSE #2

REVISION NUMBER

SHEET NO.
A-100

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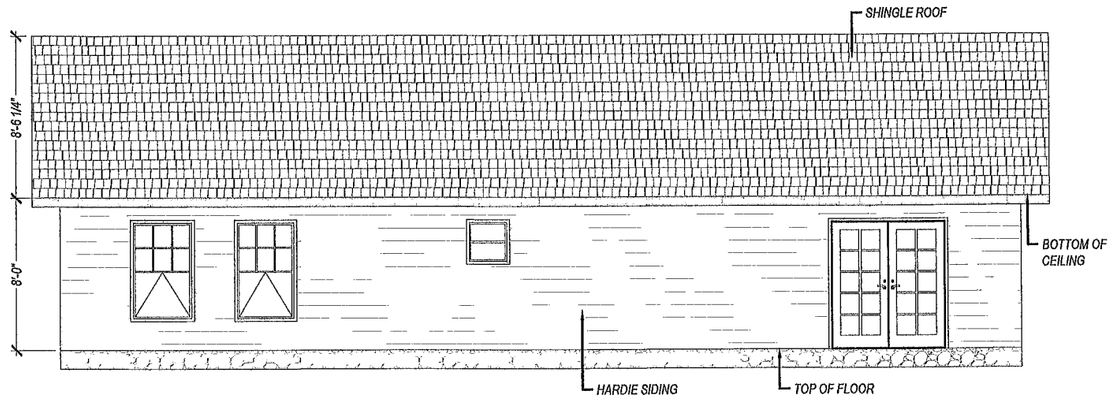
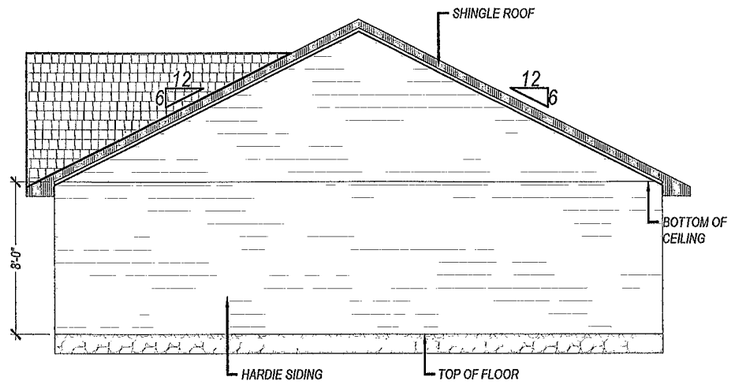
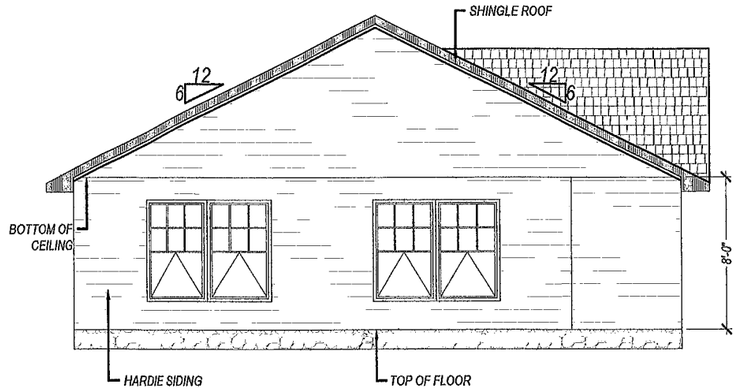
1 A-200 FRONT ELEVATION
SCALE.1/8" = 1'-0"



2 A-200 REAR ELEVATION
SCALE.1/8" = 1'-0"



3 A-200 RIGHT ELEVATION
SCALE 1/8" = 1'-0"



4 A-200 LEFT ELEVATION
SCALE 1/8" = 1'-0"

NO	REVISIONS	DATE

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JOB No.	19048

SUBMITTALS	DATE
COLUMBIA COUNTY BLDG DEPT	2019.08 23

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CLIENT
SENEA CONSTRUCTION
18282 69TH DRIVE
MCALPIN, FL 32062

SHEET TITLE
ELEVATIONS

PROJECT
SENEA CONSTRUCTION
SPEC HOUSE #2

REVISION NUMBER

SHEET NO.
A-200

ADAM T. COLLINS
LICENSE
No. 75580
8/23/19
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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GENERAL NOTES

DESIGN, MATERIAL, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS, UNLESS OTHERWISE MODIFIED ON THE DRAWINGS. ASCE 7 MINIMUM DESIGN LOAD FOR BUILDINGS & OTHER STRUCTURES. ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE STRUCTURES. ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS. CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL. ACI 530/ASCE 5/TMS 402 BUILDING CODE FOR MASONRY STRUCTURES. 2017 FLORIDA BUILDING CODE.

1. FOOTINGS SHALL BE LEVEL OR STEPPED AS INDICATED ON PLAN VIEWS & DETAILS OR SECTIONS.
2. SOIL, WASTE PIPES OR BUILDING DRAINS PASSING UNDER A FOOTING OR THROUGH A FOUNDATION SHALL BE PROVIDED W/ A RELIEVING ARCH OR AN IRON PIPE SLEEVE A MINIMUM OF 2 - PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH.
3. STEM WALLS SHALL EXTEND NO GREATER THAN 3 FEET ABOVE THE FINISH GRADE AND CONSTRUCTED W/ THE PREVIOUSLY DESCRIBED MASONRY UNITS.
4. ALL STATE AND LOCAL CODES SHALL BE COMPLIED WITH BY THE CONTRACTOR.

BUILDING MATERIAL

1 ROOF

- ROOF SHEATHING SHALL BE 15/32 APA RATED SHEATHING NAILED W/ 8d RING-SHANK NAILS SPACED 6" MAXIMUM AT SUPPORTED EDGES. SPACE NAILS MAXIMUM 12" ALONG INTERMEDIATE FRAMING MEMBERS. FASTENERS SHALL BE LOCATED 3/8" FROM PANEL EDGES. MINIMUM NAIL PENETRATION SHALL BE 1 3/8" TYP NAIL SPACING SHALL BE 4" O.C. WITH 8d RING-SHANK NAILS ALONG ROOFING MEMBER OVER GABLE END TRUSS.
- PER APA, STRUCTURAL DIAPHRAGM CAPACITY = 240 plf (NOT INCLUDING 40% INCREASE PER FBC 2313.2.4.

2. TRUSSES

- TRUSSES SHALL BE PRE-ENGINEERED ACCORDING TO DESIGN LOAD.
- TRUSSES SHALL SHALL BE BRACED PER TRUSS PLATE INSTITUTE (TPI) HIB-91

4 INTERIOR FINISHES

ALL GYPSUM BOARD SHALL HAVE A MINIMUM THICKNESS OF 5/8" FOR CEILING AND 1/2" FOR WALL.
- GYPSUM BOARD ON WALL SHALL BE ATTACHED WITH 1 3/8" DRYWALL NAILS @ 8" O C.
- GYPSUM BOARD ON CEILING (FIRE RATED) SHALL BE ATTACHED 1 3/8" DRYWALL NAILS @ 7" O.C.

5. MASONRY WALLS

- ASSUMED MAXIMUM COMPRESSIVE STRENGTH = 1500 psi (GROUTED HOLLOW CONCRETE UNITS GRADE N) VERTICAL REINFORCING IN WALLS SHALL BE #5 RE-BAR SPACED 48" OC (TYP).
- HORIZONTAL REINFORCING IN WALLS SHALL BE LADDER TYPE JOINT REINFORCING 9 GAUGE WIRE
- THE REINFORCING SHALL BE A MINIMUM GRADE 40.
PROVIDE CLEANOUTS IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR, WHEN THE GROUT POUR EXCEEDS 5 FT CONSTRUCT CLEANOUTS ADJACENT TO EACH VERTICAL BAR.

6. WINDOWS

- ONE WINDOW PER BEDROOM SHALL BE AN ESCAPE & RESCUE WINDOW THAT MEETS EGRESS REQUIREMENTS.

CONCRETE & RELATED REQUIREMENTS

1. CONCRETE CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 318," AND "MANUAL CONCRETE PRACTICE, PART 1 ACI 305 & ACI 306," & "MANUAL OF CONCRETE PRACTICE, PART 1 ACI 305 & 308" LATEST EDITION.
2. CEMENT FOR CONCRETE SHALL MEET THE REQUIREMENTS OF ASTM C 150.
3. AGGREGATES FOR CONCRETE SHALL MEET THE REQUIREMENTS OF ASTM C 33.
4. WATER FOR CONCRETE SHALL BE POTABLE WATER.
5. OPTIONAL. TEST CONCRETE FOR COMPRESSION WITH 1 SET OF 3 CYLINDERS FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED ON A GIVEN DAY BREAK 1 CYLINDER @ 7 DAYS AND THE OTHERS @ 28 DAYS, TESTING WILL BE PAID FOR BY OWNER.
6. CONCRETE SHALL HAVE STRENGTHS AND CHARACTERISTICS AS INDICATED ELSEWHERE THESE PLANS.
7. SAWED JOINTS MUST BE SAWED WITHIN 24 HOURS OF PLACEMENT OF CONCRETE.
8. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ASTM A615 GR 60 UNLESS OTHERWISE NOTED.
9. SLAB REINFORCING SHALL BE IN TOP ⅓ OF SLAB OR AS ILLUSTRATED.
10. VIBRATE OR SCREEN ALL CONCRETE THOROUGHLY INTO PLACE
11. MINIMUM COVER OF REINFORCEMENT SHALL BE AS REQUIRED BY CODE.
12. MOIST CURE CONCRETE FOR 7 DAYS AFTER PLACING.
13. PROVIDE VAPOR BARRIER OF POLYETHYLENE ON bottom OF SLAB(S).
14. PLACE CONTROL JOINTS IN SLAB TO PROVIDE MAXIMUM SLAB SIZE OF 600 SQUARE FEET
15. CONCRETE TEMPERATURE SHALL NOT EXCEED 90 DEGREES F DURING PLACEMENT
16. CONCRETE SHALL BE PLACED IN A MANNER TO PREVENT SEGREGATION
17. CONCRETE SHALL NOT BE ALLOWED TO FREE FALL MO THAN 60 INCHES.
18. AREAS TO RECEIVE CONCRETE SHALL BE CLEAR OF ANY DEBRIS AND SHALL HAVE REINFORCING STEEL PROPERLY POSITIONED PRIOR TO CONCRETE PLACEMENT
19. FOR LOCATION OF CONTROL OR CONSTRUCTION JOINTS OTHER THAN THOSE ILLUSTRATED VERIFY W/ ENGINEER.
20. ANCHOR BOLT SHALL MEET THE REQUIREMENTS OF ASTM A 307
21. ANCHOR BOLTS AND DOWELS SHALL BE SET IN SUCH A MANNER THAT THEIR FULL EMBEDDED LENGTH SHALL BE COVERED WITH CONCRETE.
22. LAP SPLICES SHALL BE 40 BAR DIAMETERS OR AS SHOWN OR NOTED ELSEWHERE THESE PLANS.
23. DETAILING, FABRICATION AND PLACEMENT OF REINFORCEMENT STEEL SHALL CONFORM TO CURRENT CRSI AND ACI SPECIFICATIONS.
24. REINFORCING STEEL SHALL BE FREE OF LOOSE RUST, MIL SCALE AND COATING THAT WOULD REDUCE OR DESTROY BOND.
25. REINFORCING BARS SHALL NOT BE REDUCED IN SECTION, KINKED OR BENT OTHER THAN INDICATED.
26. SUPPORT REINFORCING STEEL IN CHAIRS.
27. KEEP ONE SET OF CONCRETE CYLINDERS ON SITE AT ALL TIMES TO MAKE SAMPLES IN CASE CONCRETE CHARACTER CHANGES.

REINFORCING STEEL

1. REINFORCING STEEL SHALL BE #5 UNLESS OTHERWISE NOTED.
2. ALL REINFORCING STEEL SHALL BE A MINIMUM OF GRADE 40 AND IDENTIFIED IN ACCORDANCE W/ ASTM A615, A616, A617 OR A 706.
3. SPLICES SHALL BE LAP SPLICES W/ A MINIMUM OF 25" FOR #5 BARS.
4. FOR MINIMUM COVER OVER REINFORCEMENT - SEE DETAILS & SECTIONS ELSEWHERE THESE PLANS.
5. ALL REINFORCEMENT IN CMU'S SHALL EXTEND A MINIMUM 6" INTO ALL FOOTINGS W/ A 6" STANDARD BEND.

METAL ACCESSORIES

1. ALL JOINT REINFORCEMENT & ANCHOR TIES SHALL CONFORM TO ASTM A36 & A366 AS REQUIRED.
2. LONGITUDINAL WIRES OF JOINT REINFORCEMENT SHALL BE FULLY EMBEDDED IN MORTAR OR GROUT W/ A MINIMUM COVER OF 5/8" WHEN EXPOSED TO EARTH OR WEATHER AND A MINIMUM OF ½" WHEN NOT EXPOSED TO EARTH OR WEATHER.
3. METAL ACCESSORIES USED IN EXTERIOR WALL CONSTRUCTION SHALL BE GALVANIZED IN ACCORDANCE W/ ASTM A153 CLASS B-2.
4. METAL ACCESSORIES USED IN INTERIOR WALL CONSTRUCTION SHALL BE MILL GALVANIZED IN ACCORDANCE W/ ASTM A641, CLASS 1

FILL COMPACTION

1. PRIOR TO GRADING OPERATIONS ALL SOIL, ORGANIC LITTER AND FILL SHALL BE STRIPPED FROM BUILDING AREA.
2. COMPACTION SHALL NOT BE LESS THAN 98% OF THE STANDARD PROCTOR DENSITY
3. ALL FILL MATERIAL SHALL BE INORGANIC W/ NOT MORE THAN 30% BY WEIGHT FINER THAN 200 U.S. STANDARD SIEVE CONFORMING TO.
   a. LIQUID LIMIT, LW 30, MAXIMUM
   b. ELASTICITY, LW 16, MAXIMUM
   c. DRY UNIT WEIGHT , 100 LBS. PER CU.FT
4. ALL FILL MATERIAL SHALL BE UNIFORMLY PLACED @ OPTIMUM MOISTURE CONTENT IN 6" UNIFORM LAYERS AND COMPACTED TO A DENSITY OF 98% OF THE STANDARD PROCTOR IN ACCORDANCE W/ ASTM D698T
5. FOOTINGS EXCAVATIONS SHALL BE INSPECTED PRIOR TO PLACING ANY CONCRETE TO ENSURE THAT FOOTINGS REST UPON SOUND EARTH
6. ALL SUBGRADES MUST BE LEVEL, SMOOTH AND UNIFORMLY COMPACTED.
7. SUBGRADE MUST BE ACCURATE WITHIN ½" OF THE DESIGNATED LEVEL.
8. ANY WALL WHICH IS TO RECEIVE BACK FILL ON BOTH SIDES SHALL HAVE THE BACK FILL PLACED SIMULTANEOUSLY ON BOTH SIDES IN EVEN LAYERS AS PREVIOUSLY DESCRIBED SO AS NOT TO APPLY UNEVEN LOADS.

SCHEDULE OF REQUIRED FOUNDATION AND WALL BEARING MECHANICAL FASTENERS

CONCRETE FOUNDATION SHALL BE 3000 P.S.I. FIBERMESH CONCRETE MIX W/ 2 - #5 REINFORCEMENT RODS CONTINUOUS W/ MINIMUM 26" LAPS @ ALL SPLICES - REFER TO SPECIFIC DETAILS & PLAN VIEWS FOR LOCATION(S) & SIZES.

STANDARD 8" ANCHOR BOLTS SHALL BE LOCATED @ ALL CORNERS, 16" FROM ALL CORNERS & 4' MAXIMUM ALONG THE PERIMETER OF OF THE DWELLING AND ADDITIONALLY AS NOTED IN THE DETAILS OR PLAN VIEWS A P.T. 2X SHALL BE ATTACHED CONTINUALLY TO THE TOP OF SLAB - REFER TO SPECIAL DETAILS AND REQUIREMENTS FOR ADDITIONAL DEVICES ELSEWHERE THESE PLANS.

BUILDING AREA. LOCATION OF 2x6 STUD WALLS @ PERIMETER: SEE PLAN VIEWS FOR LOCATIONS BUILDING AREA. LOCATION OF EXTERIOR WALL OPENINGS 6'-7 IN WIDTH - SEE PLAN VIEWS FOR LOCATIONS REQUIRES A MINIMUM OF 4 - CONTINUOUS STUDS EACH SIDE OF OPENING 1 - MODEL No. META16 BY SIMPSON STRONG TIE OR EQUAL @ EACH SIDE OF ALL OPENINGS ATTACHED TO MULTIPLE STUDS @ EACH SIDE OF OPENING W/ 12 - 10d X 1 1/2" NAILS.

NO	REVISIONS	DATE

DATE	2019.08.23
DRAWN	DMC
DESIGNED	DMC
CHECKED	ATC
JOB No	19048

SUBMITTALS	DATE
COLUMBIA COUNTY BLDG DEPT	2019 08 23

PREPARED BY
ADAM COLLINS ENGINEERING INC.
CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM

CLIENT
SENEA CONSTRUCTION
18282 69TH DRIVE
MCALPIN, FL 32062

SHEET TITLE
STRUCTURAL NOTES

PROJECT
SENEA CONSTRUCTION
SPEC HOUSE #2

REVISION NUMBER

SHEET NO.
S-100

ADAM T. COLLINS LICENSE No 75584 STATE OF FLORIDA PROFESSIONAL ENGINEER 8/23/19

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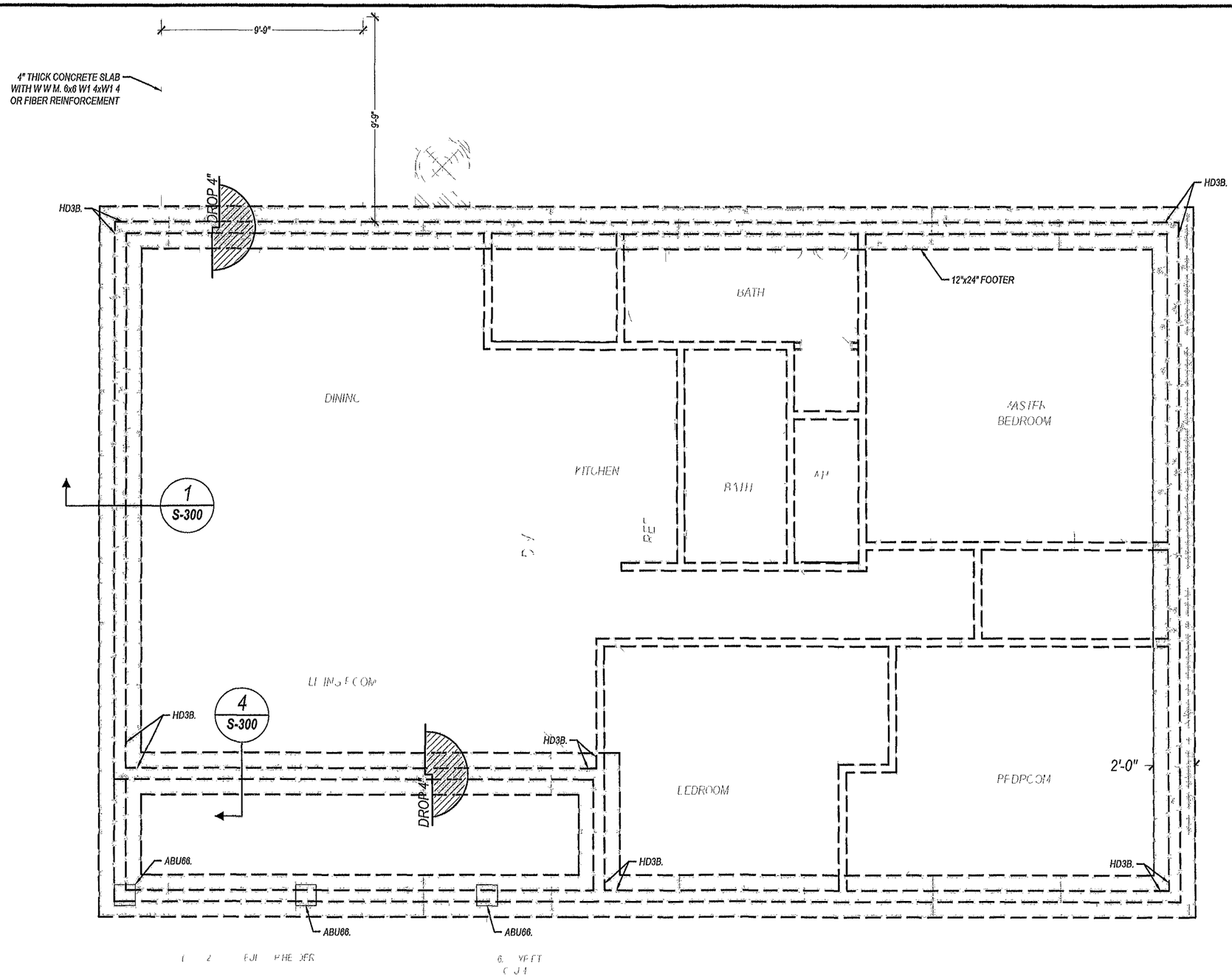

1 / S-200 FOUNDATION PLAN
SCALE: 1/4"=1'-0"

NOTE.
ALL CAST IN ANCHOR BOLTS TO MEET REQUIREMENTS SPECIFIED IN SCHEDULE OF REQUIRED FOUNDATION AND WALL BEARING MECHANICAL FASTENERS

ADAM T. COLLINS LICENSE No. 75584 STATE OF FLORIDA PROFESSIONAL ENGINEER

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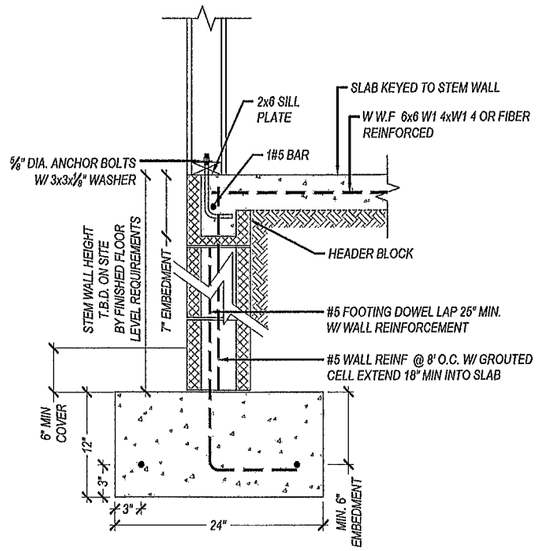
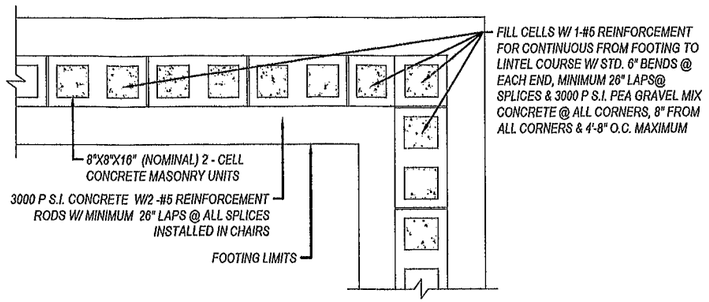


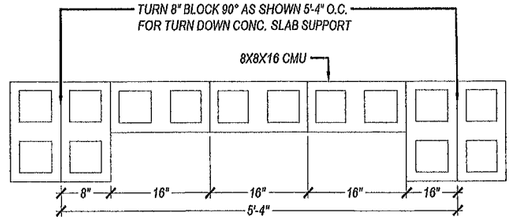
1 S-300 **TYPICAL SECTION THROUGH PERIMETER**

SCALE. N.T.S.

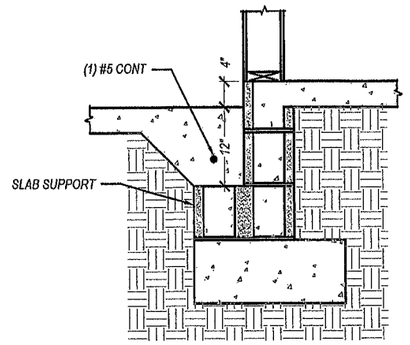


2 S-300 **TYPICAL ENLARGED PLAN VIEW: PERIMETER FOUNDATION**

SCALE: N T.S.



PLAN VIEW



SECTION

4 S-300 **TURN DOWN SLAB SUPPORT AT PORCHES**

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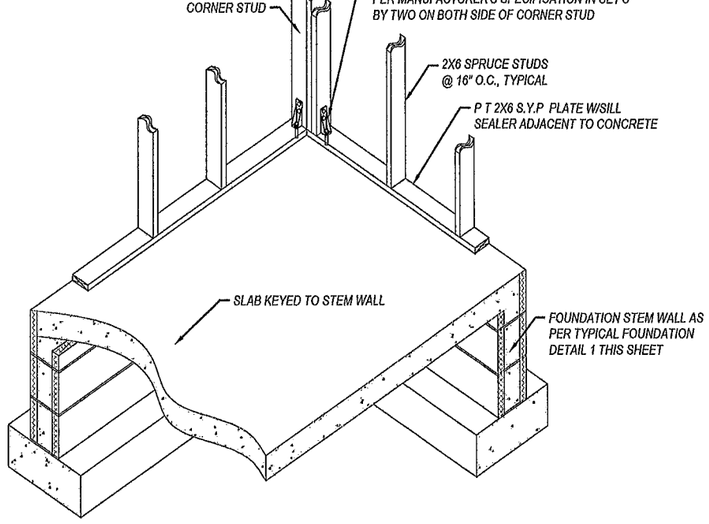
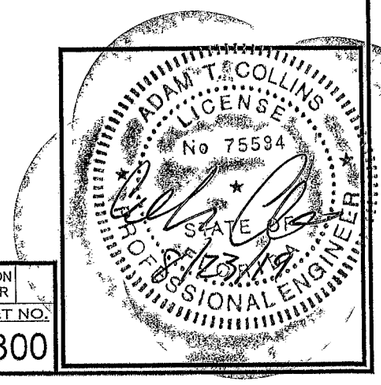


3 S-300 **TYPICAL CORNER STUD REINFORCEMENT DOUBLE HD3B**

SCALE: N.T.S.



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SHEET TITLE
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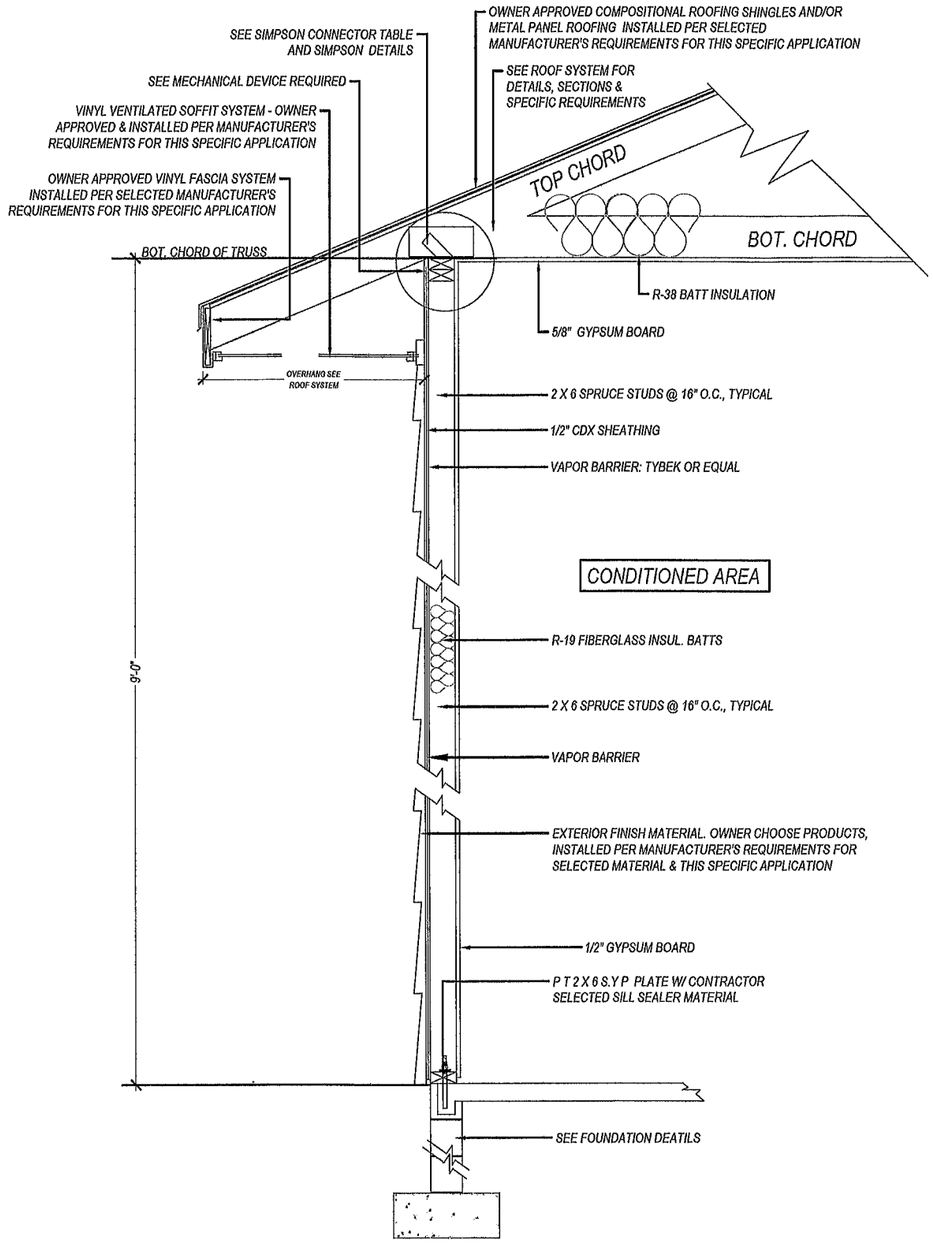
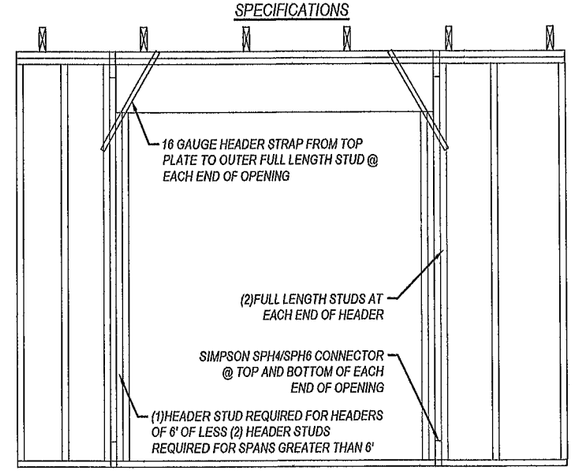
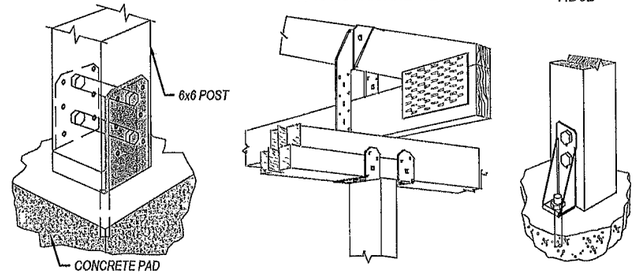


1 / S-400 **TYPICAL SECTION**
SCALE: N.T.S.

SPECIFICATIONS



TYPICAL FRAMING & UPLIFT CONNECTION FOR OPENINGS



SIMPSON CONNECTOR TABLE

TYPE	UPLIFT CAPACITY (LBS)	LATERAL CAPACITY (LBS)	LOCATION
H2.5A	600	110	TRUSS TO PLATE
H16	1,470	-/-	TRUSS TO BEAM/PLATE
HD3B	3,130	-/-	BOTM.PLATE TO FOUND.
SPH4/SPH6	1,240	-/-	PLATE TO STUD
RSP4	315	-/-	PLATE TO STUD

ADAM T. COLLINS LICENSE No 75534 STATE OF FLORIDA PROFESSIONAL ENGINEER

NO	REVISIONS	DATE

DATE	2019.08.23
DRAWN	DMC
DESIGNED	DMC
CHECKED	ATC
JOB No	19048

SUBMITTALS	DATE
COLUMBIA COUNTY BLDG DEPT	2019.08.23

PREPARED BY
ADAM COLLINS ENGINEERING INC.
CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM

CLIENT
SENEA CONSTRUCTION
18282 69TH DRIVE
MCALPIN, FL 32062

SHEET TITLE
STRUCTURAL DETAILS-I

PROJECT
SENEA CONSTRUCTION
SPEC HOUSE #2

REVISION NUMBER

SHEET NO.
S-400

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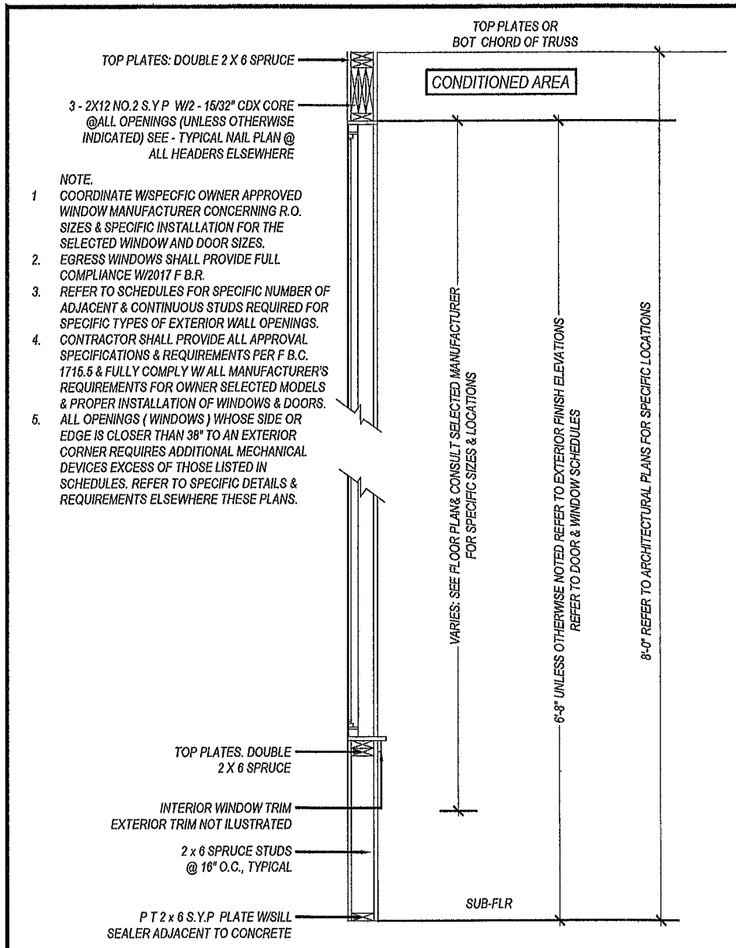
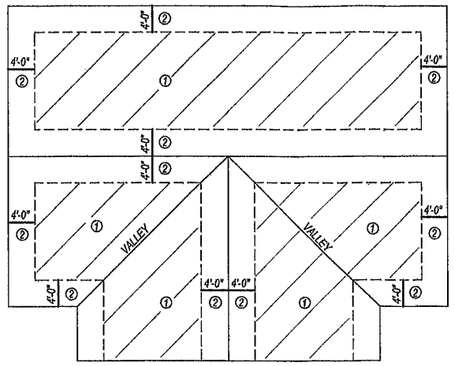


NOTE.

1 COORDINATE W/SPECFIC OWNER APPROVED WINDOW MANUFACTURER CONCERNING R.O. SIZES & SPECIFIC INSTALLATION FOR THE SELECTED WINDOW AND DOOR SIZES.
2. EGRESS WINDOWS SHALL PROVIDE FULL COMPLIANCE W/2017 F B.R.
3. REFER TO SCHEDULES FOR SPECIFIC NUMBER OF ADJACENT & CONTINUOUS STUDS REQUIRED FOR SPECIFIC TYPES OF EXTERIOR WALL OPENINGS.
4. CONTRACTOR SHALL PROVIDE ALL APPROVAL SPECIFICATIONS & REQUIREMENTS PER F B.C. 1715.5 & FULLY COMPLY W/ ALL MANUFACTURER'S REQUIREMENTS FOR OWNER SELECTED MODELS & PROPER INSTALLATION OF WINDOWS & DOORS.
5. ALL OPENINGS (WINDOWS) WHOSE SIDE OR EDGE IS CLOSER THAN 36" TO AN EXTERIOR CORNER REQUIRES ADDITIONAL MECHANICAL DEVICES EXCESS OF THOSE LISTED IN SCHEDULES. REFER TO SPECIFIC DETAILS & REQUIREMENTS ELSEWHERE THESE PLANS.

2 S-401 TYPICAL SECTION - AT OPENING
SCALE: N.T.S.

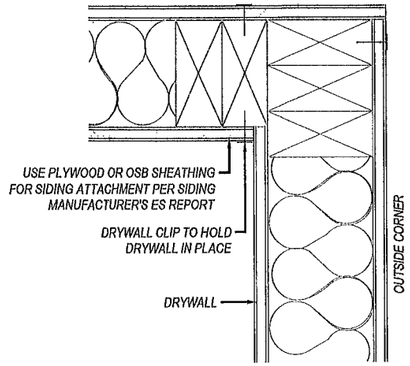


SHEATHING NOTES:
1 ROOF SHEATHING TO BE WOOD STRUCTURAL PANEL RATED SHEATHING OR BETTER, EXPOSURE 1 2. ROOF SHEATHING SHALL BE 15/32" THICKNESS OR GREATER 3. ROOF TRUSSES @24" O.C. MINIMUM

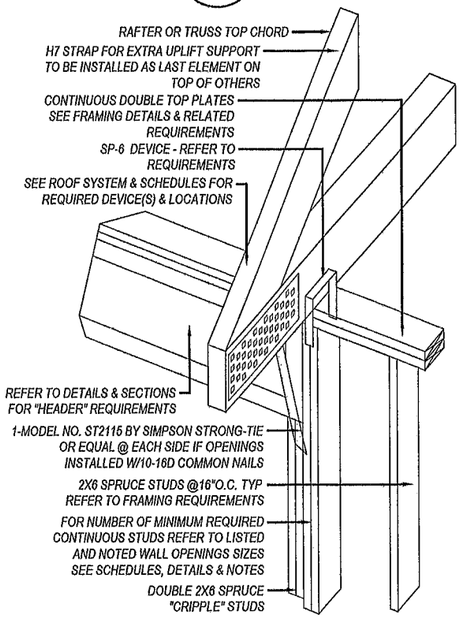
NAILING PATTERN ZONE 1 12" O.C. MAX IN FIELD, 6" O.C. MAX PANEL EDGES ZONE 2 6" O.C. MAX IN FIELD AND AT EDGES

NAILS SHALL BE 8d COMMON FOR 7/16" & 15/32" 10d COMMON FOR 1/2", 19/32" & 5/8"

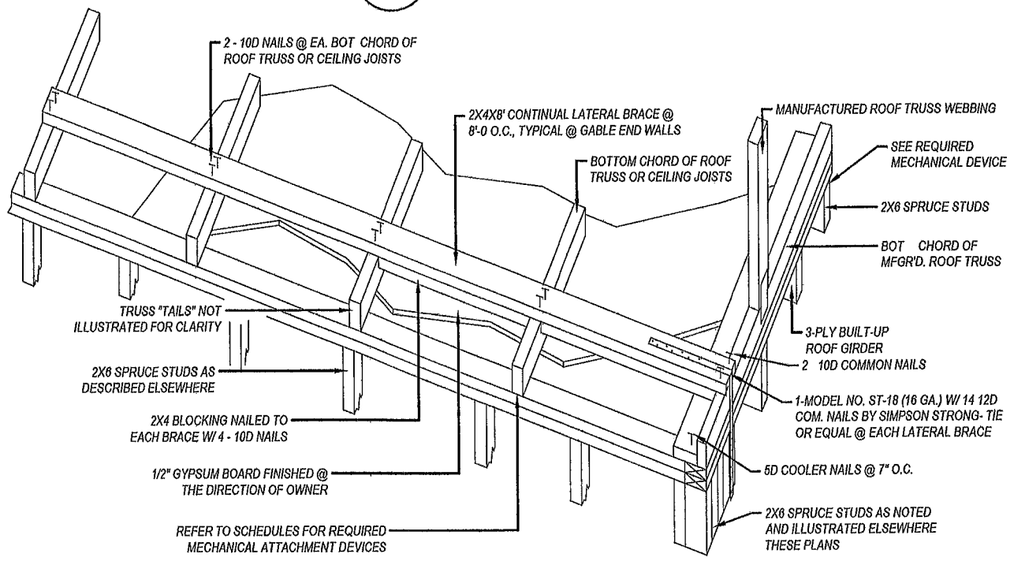
3 S-401 ROOF SHEATHING DIAGRAM
SCALE: N.T.S.



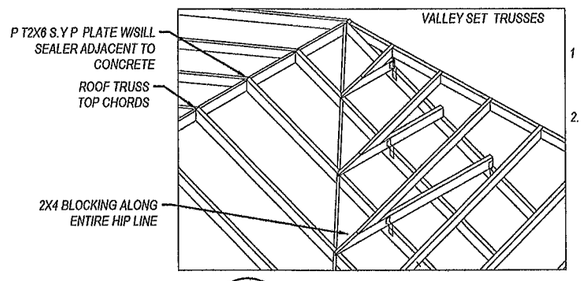
4 S-401 DETAIL OF CORNER STUD
SCALE: N.T.S.



5 S-401 PROJECTED EXTERIOR WALL OPENING
SCALE: N.T.S.



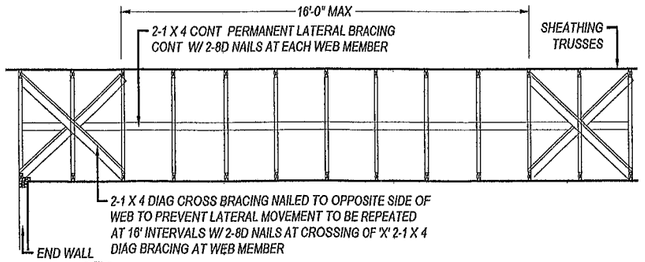
6 S-401 CEILING CONNECTION @ GABLE ENDWALLS/SIDEWALLS
SCALE: N.T.S.



NOTE

1 CONTINUOUS 2x4 MIN VALLEY BLOCKING, (2)16d TOENAILS EACH END, EACH PIECE. THIS SHEATHING FROM ADJACENT PLANES TO BE CONNECTED TO COMMON TRUSSES AND BLOCKING.
2. PROVIDE CLIPS AT ALTERNATE LOCATIONS EACH WAY, 370 POUND CAPACITY EACH

7 S-401 VALLEY FRAMING DETAIL
SCALE: N.T.S.



8 S-401 TYPICAL TRUSS BRACING DIAGRAM
SCALE: N.T S.

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SHEET TITLE
STRUCTURAL DETAILS-II

PROJECT
SENEA CONSTRUCTION
SPEC HOUSE #2

REVISION NUMBER

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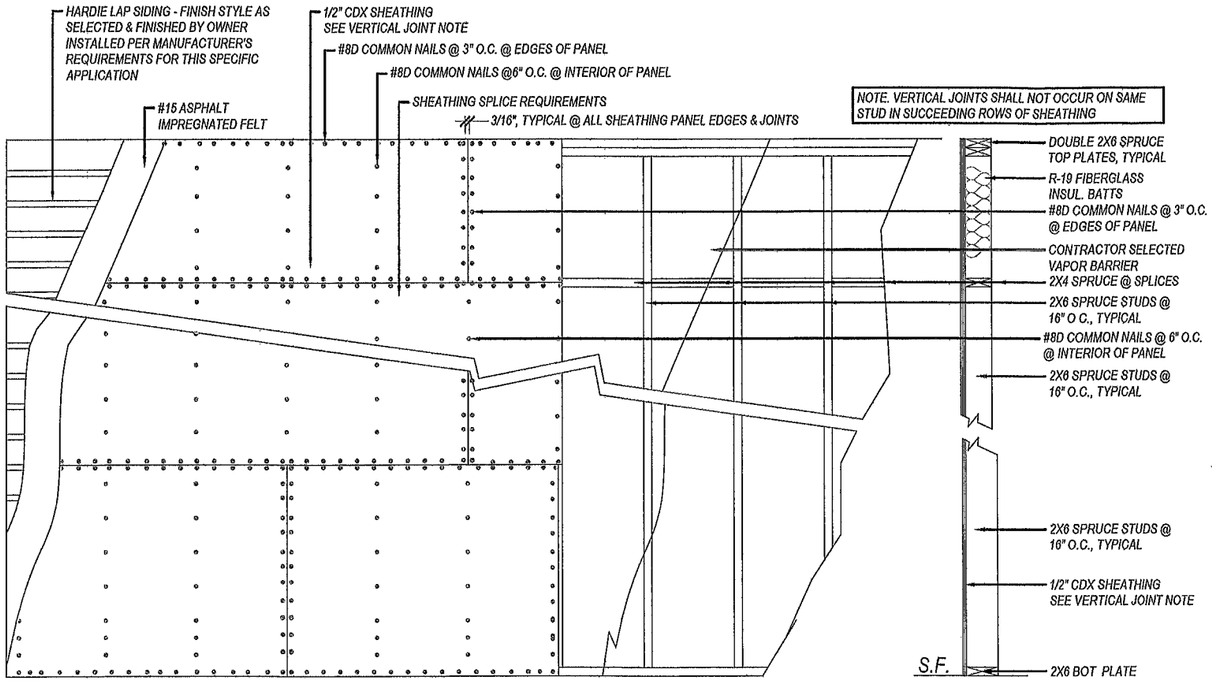
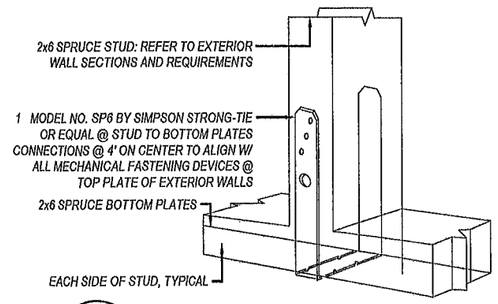
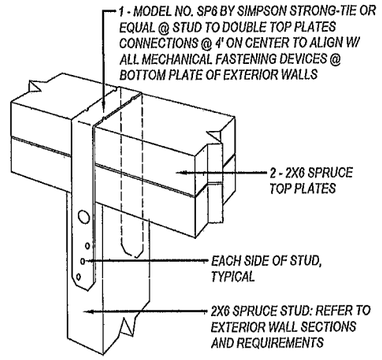
ADAM T. COLLINS LICENSE No 75584 STATE OF FLORIDA PROFESSIONAL ENGINEER
8/23/19



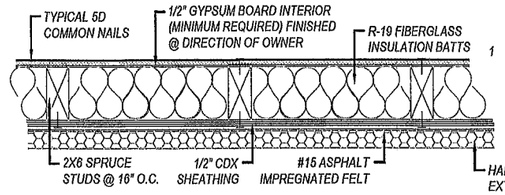
9 S-402 SHEATING DETAIL - ELEVATION VIEW
SCALE: N.T.S.



9A S-402 TOP PLATE DEVICES
SCALE: N.T.S.

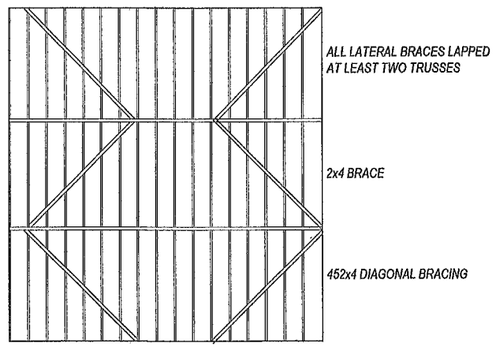


9B S-402 BOTTOM PLATE DEVICES
SCALE: N T.S.

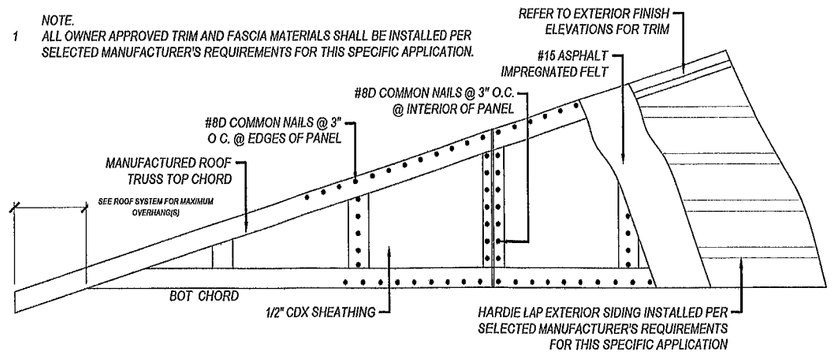


NOTE
GYPSUM BOARD SHALL BE INSTALLED W/ 5d (COOLER) NAILS @ 7" O.C. @ EDGES OF PANEL & @ INTERIOR AREAS OF PANEL(S). 1 1/4" TYPE W, #6 DRYWALL SCREWS MAY BE SUBSTITUTED FOR NAILS @ THE PREVIOUSLY DESCRIBED SPACING(S) FOR NAILS.

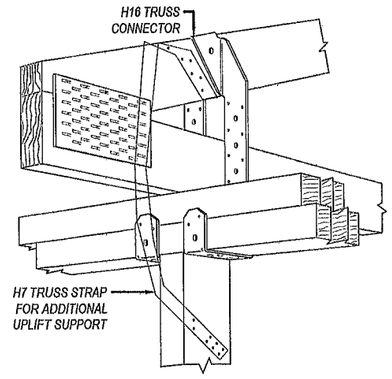
10 S-402 TYP. ENLARGED PLAN VIEW: EXTERIOR WALL
SCALE: N.T.S.



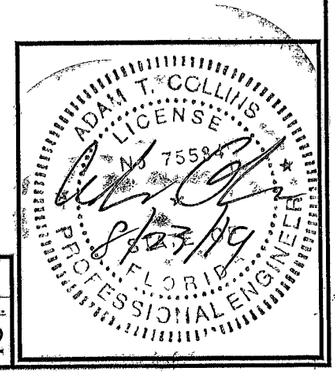
11 S-402 TRUSS BOTTOM CHORD BRACING DIAGRAM
SCALE: N.T.S.



12 S-402 GABLE ENDWALL SHEATING REQUIREMENTS
SCALE: N.T.S.



13 S-402 TRUSS CONNECTOR W/ STRAP
SCALE: N.T.S.



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SHEET TITLE
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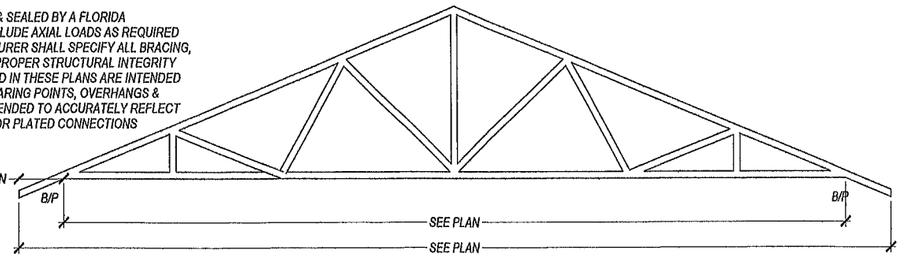
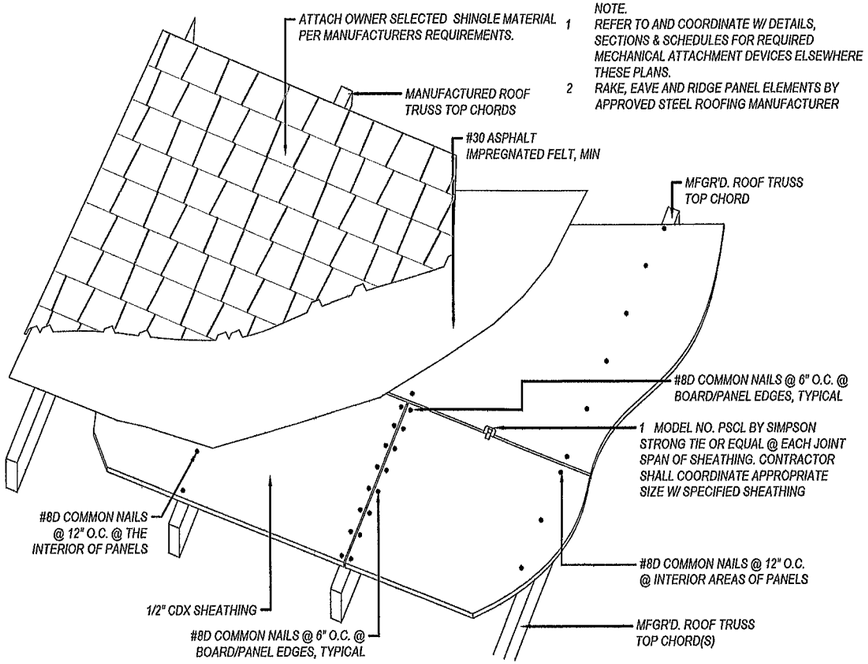
MANUFACTURED ROOF TRUSSES.
TRUSS LAYOUT & TRUSS DETAILS SHALL BE SIGNED & SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER & SHALL INCLUDE AXIAL LOADS AS REQUIRED BY FBC 2303.4.1 FOR ALL ROOF TRUSSES MANUFACTURER SHALL SPECIFY ALL BRACING, HANDLING & INSTALLATION PRACTICES TO ENSURE PROPER STRUCTURAL INTEGRITY OF INSTALLED ROOF TRUSSES DRAWING(S) DEPICTED IN THESE PLANS ARE INTENDED FOR INFORMATION REGARDING REQUIRED SPAN, BEARING POINTS, OVERHANGS & PITCH OF TOP CHORD MEMBERS. THEY ARE NOT INTENDED TO ACCURATELY REFLECT OR REPRESENT WEBBING & CHORD MEMBER SIZES OR PLATED CONNECTIONS

NOTE
1 SEE HOWLANDS TRUSS PACKAGE # 18-2157 CONTRACTOR SHALL CONFIRM ALL LISTED DIMENSIONS. PITCH, AND RELATED ELEMENTS PRIOR TO CONSTRUCTION.

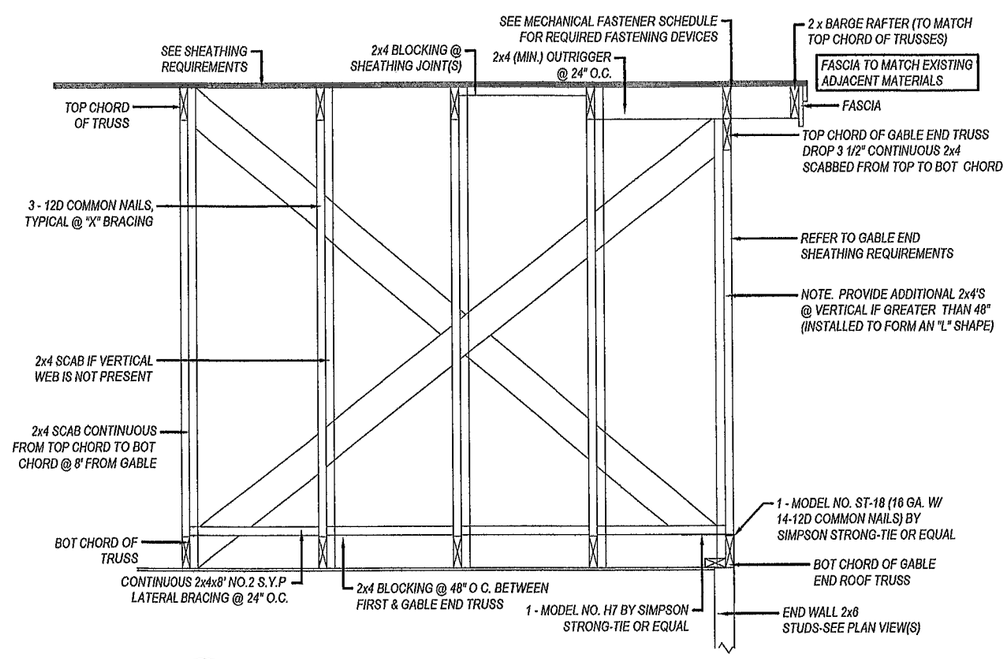


14 / S-403 TYPICAL ROOF TRUSS PROFILE
SCALE: N.T.S.

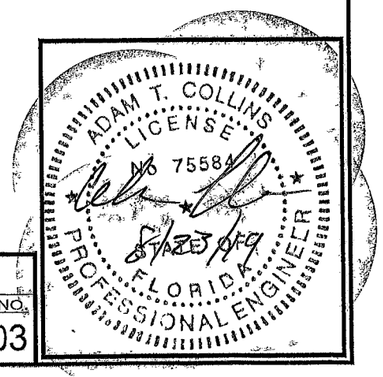


NOTE.
1 REFER TO AND COORDINATE W/ DETAILS, SECTIONS & SCHEDULES FOR REQUIRED MECHANICAL ATTACHMENT DEVICES ELSEWHERE THESE PLANS.
2 RAKE, EAVE AND RIDGE PANEL ELEMENTS BY APPROVED STEEL ROOFING MANUFACTURER

15 / S-403 ROOFING & SHEATING CONNECTIONS TO TRUSSES
SCALE: N.T.S.



16 / S-403 GABLE ENDWALL FRAMING REQUIREMENTS
SCALE: N.T.S.



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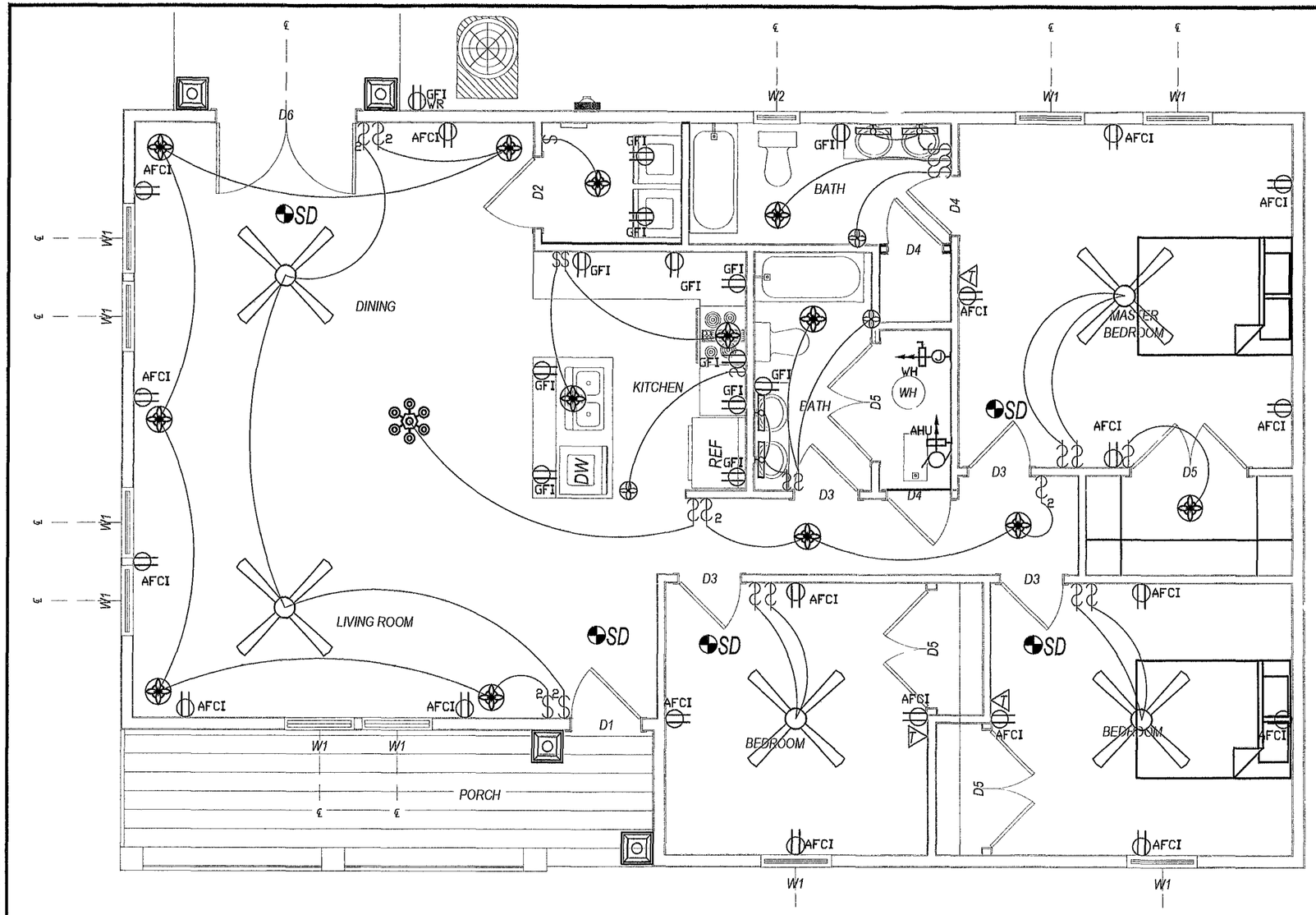

ELECTRICAL	COUNT	SYMBOL
CEILING FAN GLOBE 1	5	
CEILING GLOBE LIGHT	0	
CHANDELIER	1	
PENDANT LIGHT	0	
POT LIGHT	13	
WALL MOUNT 1	0	
WALL MOUNT 2	4	
BATHROOM SCONCE	4	
ELECTRICAL PANEL	1	
EXHAUST FAN	3	
METER	1	
OUTLET GFI	12	GFI
OUTLET WP	1	WP GFI
OUTLET AFCI	19	AFCI
SMOKE DETECTOR	5	SD
SWITCH	16	$
SWITCH 3 WAY	0	$3
SWITCH DOUBLE	6	$2

1 / E-100 ELECTRICAL PLAN
SCALE 3/16" = 1'-0"

ELECTRICAL NOTES:

1. WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
2. CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
3. INSTALLATION SHALL BE PER NATIONAL ELECTRICAL CODE.
4. ALL SMOKE DETECTORS SHALL BE 120V WITH BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
5. TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER OWNER'S DIRECTIONS, AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NEC-LATEST EDITION.
6. ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELECTRICAL PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE WITH ALL CIRCUITS IDENTIFIED WITH CIRCUIT NUMBER, DESCRIPTION, AND BREAKER SERVICE ENT AND ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH RISER DIAGRAM SHALL INCLUDE WIRE SIZES/TYPE AND EQUIPMENT TYPE WITH RATINGS AND LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF "AS-BUILT" DRAWINGS TO OWNER AND 1 COPY TO PERMITTING AUTHORITY
7. ALL BEDROOM RECEPTACLES SHALL BE ON AFCI PROTECTED CIRUITS.
8. ALL BATHROOMS RECEPTACLES SHALL BE GFIC

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