

GENERAL NOTES

1. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS MAY BE NECESSARY.

CODES AND SPECIFICATIONS

A. GENERAL BUILDING CODE:

1. DESIGN WIND LOAD SHALL BE BASED ON THE FLORIDA BUILDING CODE 2017 (6TH EDITION)
- B. CONCRETE:
1. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-89)
2. SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301-84).

DESIGN LOADS

A. DESIGN LIVE LOADS

ROOF.....	20 PSF
ELEVATED FLOORS.....	40 PSF
BALCONY.....	100 PSF
CORRIDORS/LANDINGS.....	100 PSF
STAIRS.....	100 PSF

B. WIND LOADS:

- 1) BASIC WIND SPEED = 156 MPH (ULTIMATE)
121 MPH (NOMINAL)
- 2) RISK CATAGORY II
- 3) WIND EXPOSURE B.
- 4) INTERNAL PRESSURE COEFFICIENT: 0.18 FULLY ENCLOSED STRUCTURE
- 5) COMPONENTS AND CLADDING (ASD): +24.11 PSF AND -30.44 PSF FOR DESIGN WIND PRESSURES.

FOUNDATIONS

1. FOUNDATION DESIGN IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2500 PSF WHICH SHALL BE VERIFIED BY A REGISTERED GEOTECHNICAL ENGINEER PRIOR TO THE START OF WORK.
2. PLACE FOOTINGS/SLAB ON COMPACTED SOIL. FOLLOW RECOMMENDATIONS OF SOILS REPORT.
3. VERIFY BEARING CAPACITY BY TESTING PRIOR TO SLAB PLACEMENT. SUBMIT REPORTS TO ARCHITECT.

CAST-IN-PLACE CONCRETE

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, HAVE A SLUMP OF 4" PLUS OR MINUS 1", AND HAVE 2-4% AIR ENTRAINMENT.
2. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 60.
3. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318-99.
4. ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315-80.
5. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, ANCHOR BOLTS, INSERTS, ETC., AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED.
6. CONTRACTOR SHALL PROVIDE SPACERS, CHAIRS, BOLSTERS, ETC., NECESSARY TO SUPPORT REINFORCING STEEL.
7. ALL SLABS SHALL BE POURED MONOLITHICALLY, EXCEPT FOR REQUIRED CONSTRUCTION JOINTS.
8. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:
3'------CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
1-1/2'------ALL OTHER CASES.
9. HORIZONTAL SLAB BARS SHALL BE BENT 1'-6" AROUND CORNERS, OR PROVIDE CORNER BARS WITH A 2'-0" LAP ON EACH LEG.
10. TESTING LABORATORY SHALL SUBMIT ONE COPY OF ALL CONCRETE TEST REPORTS DIRECTLY TO THE POST TENSION ENGINEER ARCHITECT-SEE SPECS.

WOOD CONSTRUCTION

1. WOOD CONSTRUCTION SHALL CONFORM TO THE NDS "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION.
2. ALL WALL STUDS SHALL BE NO. 2 SOUTHERN YELLOW PINE FINGER JOINT OR SOLID WITH 9' PRE-CUT STUDS TO BE USED.
STUDS FOR ALL STUD WALLS SHALL BE AS FOLLOWS:
- TWO STORY WALLS
- | | |
|--------------|-----------------------|
| FIRST FLOOR | 2x4'S @ 16"O.C. (UNO) |
| SECOND FLOOR | 2x4'S @ 16"O.C. (UNO) |
- THREE STORY WALLS
- | | |
|--------------|-----------------------|
| FIRST FLOOR | 3x4'S @ 16"O.C. (UNO) |
| SECOND FLOOR | 2x4'S @ 16"O.C. (UNO) |
| THIRD FLOOR | 2x4'S @ 16"O.C. (UNO) |
- *IT IS ACCEPTABLE TO USE (2) 2x4 STUDS @ 16" O.C. IN LIEU OF 3x4 STUDS @ 16" O.C. NAIL DOUBLE STUDS TOGETHER w/ 10d NAILS @ 8" O.C.

ALL LOAD BEARING WALLS SHALL HAVE MIDSPAN HORIZONTAL BLOCKING SPACED AT 48" O.C. INSTALLED BEFORE WALLS ARE LOADED.
ALL NON-LOAD BEARING PARTITIONS SHALL CONSIST OF 2x4 STUDS SPACED AT 24" O.C. 2x4 STUDS DO NOT NEED TO BE DOUBLED AT THE FIRST FLOOR FOR NON-LOAD BEARING WALLS.

3. PLACE A SINGLE PLATE AT THE BOTTOM AND A DOUBLE PLATE AT THE TOP OF ALL STUD WALLS. 2x SOLE PLATES AT THE EDGES OF SLABS SHALL BE ATTACHED TO THE SLAB WITH SIMPSON MA5 MUDSILL ANCHORS (WITH 6 10d NAILS) AT 32" O.C.
AT INTERIOR STUD WALLS PROVIDE EITHER HILTI ZF12 (WITH 2 7/8" LENGTH, 5/16" THICK WASHERS) POWDER DRIVEN FASTENERS AT 8" ON CENTER, OR 1/2" DIAMETER ANCHOR BOLTS WITH 6" EMBEDMENT, AT 32" ON CENTER.
RED-HEAD FASTENERS OF EQUIVALENT SIZES MAY BE USED. ALL OTHER SUBSTITUTIONS MUST BE APPROVED BY ADVANCED STRUCTURAL ENGINEERING PRIOR TO INSTALLATION. SEE THE SHEAR WALL SCHEDULE BELOW FOR SPECIAL SOLE PLATE ATTACHMENT

4. STUDS SHALL BE PACKED AT ALL ANGLES, CORNERS, AROUND ALL OPENINGS AND AT SHEAR WALLS. SEE SCHEDULES, UL ASSEMBLIES AND ARCH. DETAILS FOR REQUIREMENTS.
5. WOOD LINTELS OVER OPENINGS SHALL BE AS NOTED PER DETAIL 4/86-03. NAIL MULTIPLE STUDS TOGETHER WITH 16d NAILS @ 12" O.C. EACH PLY.
6. WALL SHEATHING SHALL BE: (SEE SHEAR WALL SCHEDULE 9/102 FOR REQUIREMENTS AT SHEAR WALLS.)

AT INTERIOR WALLS PROVIDE 5/8" GYPSUM WALLBOARD (SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS) EACH SIDE OF STUDS, NAILED WITH 5d COOLER NAILS AT 1" O.C. (USE 6d COOLER NAILS FOR 5/8" WALLBOARD) AT ALL SUPPORTS. PROVIDE SOLID 2x BLOCKING AT ALL SHEET EDGES. BLOCKING IS NOT REQUIRED AT NON-LOAD BEARING PARTITIONS.

AT EXTERIOR WALLS SHEATH THE INTERIOR FACE OF WALLS WITH 5/8" GYPSUM WALLBOARD AS NOTED ABOVE FOR INTERIOR WALLS. SHEATH THE EXTERIOR FACE OF WALLS WITH

AND 8d NAILS AT 6" O.C. AT ALL INTERMEDIATE SUPPORTS. PROVIDE SOLID DOUBLE 2x BLOCKING AT ALL SHEET EDGES.
SHEARWALL SCHEDULE NOTE 5.

7. ALL WOOD IN CONTACT WITH CONCRETE OR EXPOSED TO WEATHER SHALL BE ~~PRE-SEASONED~~ ~~OR~~ 1/16" O.S.B.), NAILED WITH 8d NAILS AT 6" O.C. AT ALL EDGE SUPPORTS.

8. FLOOR SHEATHING IS 3/4" TONGUE AND GROOVE O.S.B., GLUED AND NAILED WITH 10d NAILS AT 6" O.C. AT SUPPORTED EDGES, AND 10d NAILS AT 10" O.C. AT INTERMEDIATE SUPPORTS.

9. ROOF SHEATHING SHALL BE 15/32" C - D PLYWOOD OR 15/32" O.S.B. (SPAN RATING 32/16), NAILED TO TRUSSES BELOW. SEE ROOF SHEATHING NAILING SCHEDULE FOR NAIL PATTERN. PROVIDE ONE PLYWOOD CLIP PER SPAN BETWEEN SHEET EDGES FOR 24" SPAN. PROVIDE TWO PLYWOOD CLIP PER SPAN BETWEEN SHEET EDGES FOR 48" SPAN. PROVIDE SOLID 2x BLOCKING BETWEEN SUPPORTS AT ALL HIPS, RIDGES, VALLEYS, AND CHANGES IN ROOF SLOPE.

10. ALL LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED GRADING AGENCY.

11. NAILING SCHEDULE:

CONNECTION	COMMON NAIL	NUMBER OR SPACING
SOLE PLATE TO TRUSSES OR BLOCKING	16d	8" O.C.
STUD TO SOLE PLATE, TOE NAIL	8d	4
DOUBLE STUDS, FACE NAIL	16d	24" O.C.
DOUBLE TOP PLATES, FACE NAIL	16d	6" O.C.
TOP PLATES LAPS AND INTERSECTIONS	16d	3
TRUSSES, LAPS OVER WALLS, FACE NAIL	16d	4
BUILT-UP CORNER STUDS	16d	12" O.C.
STUDS TO SOLE PLATE, END NAIL	16d	2

12. WHERE WOOD BEAMS/HEADERS ABUT WOOD COLUMNS, PROVIDE SIMPSON "HHUC" CONNECTORS WITH ALL NAILS SPECIFIED BY THE MANUFACTURER.

13. AT ALL WALLS SUPPORTING ROOF TRUSSES PROVIDE UPLIFT STRAPPING/CONNECTORS SHOWN IN THE TYPICAL WALL ELEVATION 1/55-02. OR ALTERNATE: HURRY-BOLT SYSTEM OR EQUAL. - SUBMIT ENGINEERED SHOP DRAWINGS FOR REVIEW.

14. ALL PRESSURE TREATED AND FIRE RETARDANT LUMBER FASTENERS SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL.

15. ALL SIMPSON HOLD DOWN COLLECTORS SHALL USE ALL THREAD ROD WITH DOUBLE BOLTS AT THE BOTTOM W/ A MIN. EMBEDMENT OF 9" AT INTERIOR FOOTING AND 12" AT EXTERIOR FOOTING w/ 2" DIA WASHERS.

PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED AT EACH END TO THEIR SUPPORTING WALLS OR BEAMS AS SHOWN IN THE TYPICAL WALL ELEVATION 1/55-02
2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE DESIGNED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25% FOR ROOF TRUSSES ONLY) TO WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD.
4. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND DESIGN NOTES WITH A FLORIDA REGISTERED ENGINEER'S SEAL FOR APPROVAL BY THE ARCHITECT. DESIGN NOTES TO INCLUDE THE RATED LOAD CAPACITY OF THE CONNECTORS USED TO SECURE THE MEMBERS. CERTIFICATION OF THE CONNECTOR CAPACITIES AND MANUFACTURER'S LICENSE TO FABRICATE TRUSSES UTILIZING THE CONNECTOR SYSTEM PROPOSED.
5. THE CONTRACTOR SHALL APPROVE FABRICATION AND INSTALLATION DRAWINGS SHOWING SIZE, SHAPE AND LAYOUT PRIOR TO SUBMITTAL FOR REVIEW BY THE ARCHITECT AND BEFORE FABRICATION HAS BEGUN.
6. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY TRUSS MANUFACTURER, AND THE LOCAL BUILDING CODE, UNLESS NOTED ON PLANS. ALSO WHERE HEEL HEIGHT ON BOTTOM CHORD BEARING TRUSSES EXCEEDS 11" PROVIDE CONTINUOUS 2x4 LET IN.

T. DESIGN LOADS - DEAD LOADS:

FLOOR TRUSSES	BOTTOM CHORD	8 PSF
	TOP CHORD (APTS)	15 PSF
OUTSIDE TRUSSES	BOTTOM CHORD	8 PSF
	TOP CHORD	45 PSF
ROOF TRUSSES	BOTTOM CHORD	10 PSF
	TOP CHORD	10 PSF
	TOP CHORD (AT OVERBUILT AREAS)	5 PSF ADDITIONAL

8. ALL SIMPSON TRUSS ANCHORS SHOWN ON DRAWINGS SHALL BE VERIFIED FOR LOADS SHOWN ON WOOD TRUSS DESIGN CALCULATIONS. THEREFORE, ANCHOR SIZES AND TYPES ARE SUBJECT TO CHANGE BY ADVANCED STRUCTURAL ENGINEERING II.

FASTENER SUBSTITUTIONS:

ALL NAILS ARE COMMON NAILS, UNLESS NOTED OTHERWISE. THE FOLLOWING FASTENERS ARE ACCEPTABLE SUBSTITUTIONS. THE ALTERNATE FASTENERS SHALL BE SPACED AT THE SAME SPACING AS THE SCHEDULED FASTENERS.

SCHEDULED FASTENER	ALTERNATE FASTENER
8d COMMON NAIL	8d RING SHANK NAIL 8d SCREW SHANK NAIL 0.31 P-NAIL
10d COMMON NAIL	10d RING SHANK NAIL 10d SCREW SHANK NAIL 0.148 P-NAIL
16d COMMON NAIL	16d RING SHANK NAIL 16d SCREW SHANK NAIL
6d COOLER NAIL	#6 x 1 1/4" TYPE S OR W DRYWALL SCREW

WATERPROOFING FOR THIS BUILDING IS THE SOLE RESPONSIBILITY OF THE BUILDER/CONTRACTOR/ARCHITECT, HENCE NO DETAILS OF FLASHING, FLOOR, SLOPE AND STEP, NOR ANY OTHER WATERPROOFING MEASURES HAVE BEEN INCLUDED IN OUR DRAWINGS. IF SLOPE AND FLOOR STEPS ARE SHOWN ON OUR DRAWINGS, THEY SHALL BE USED ONLY AS A REFERENCE.

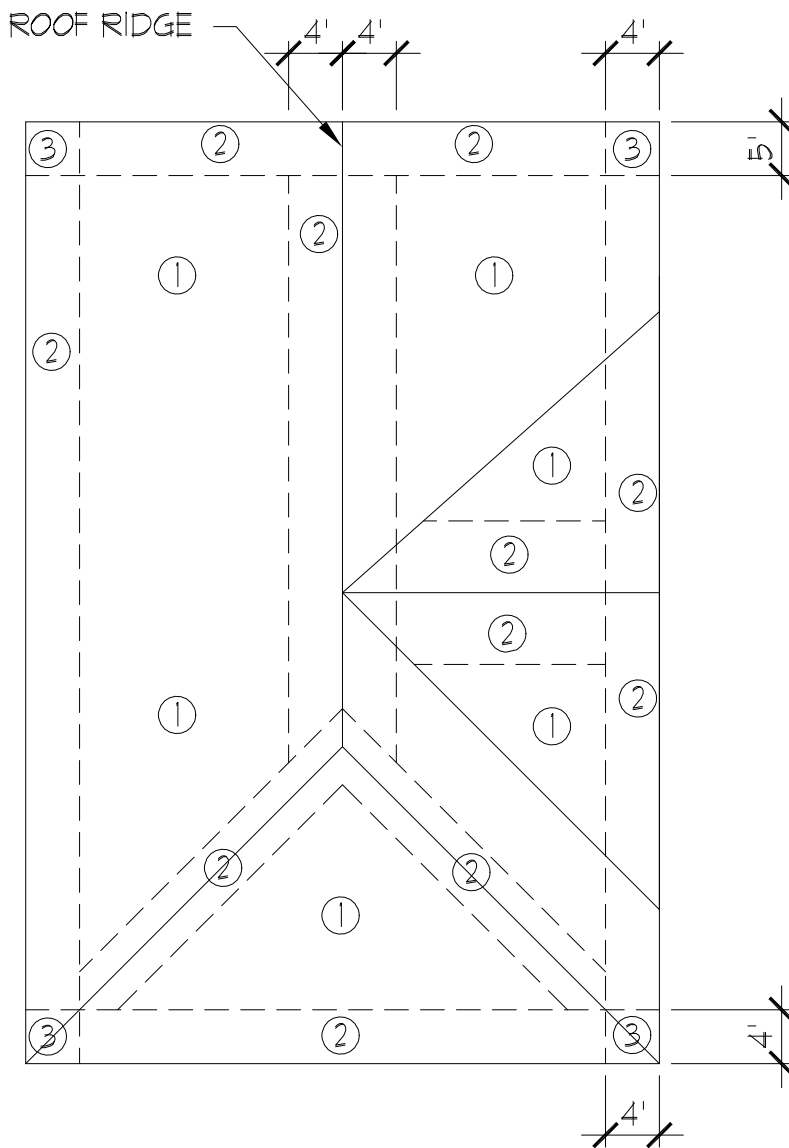
MASONRY WALL CONSTRUCTION

- A. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (f'm = 1500 PSI).
- B. MORTAR SHALL BE TYPE M OR S, CONFORMING TO ASTM C270.
- C. COURSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- D. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH CELLS FILLED WITH COARSE GROUT.
- E. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 4'-0". REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL WITH DURO-WAL BAR POSITIONER D/A 811 TYPICAL UNLESS OTHERWISE NOTED. SEE TYPICAL GROUTING DETAILS FOR ADDITIONAL INFORMATION.
- F. REINFORCING STEEL SHALL BE LAPPED MINIMUM 48 BAR DIAMETERS WHERE SPLICED UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- G. HORIZONTAL WALL REINFORCEMENT SHALL BE STANDARD LADDER TYPE DUR-O-WAL AT 16" O.C., UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- H. SPLICED WIRE REINFORCEMENT SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT WITHIN THE 6". LAP WITH STANDARD 'T' AND 'L' SHAPED PIECES AT INTERSECTIONS AND CORNERS.
- I. FOUNDATION DOUELS SHALL BE POSITIONED SUCH THAT IT IS ALIGNED WITH THE CENTER OF THE MASONRY UNIT'S VERTICAL CORE AND GROUTED SOLID. SHOULD THE FOUNDATION DOUEL NOT ALIGN WITH THE MASONRY UNIT'S VERTICAL CORE - NOTIFY THE ARCHITECT / STRUCTURAL ENGINEER FOR DIRECTION ON HOW TO CORRECT THE MIS ALIGNMENT.
- J. PROVIDE PRECAST CONCRETE LINTELS OVER ALL OPENINGS UNLESS NOTED OTHERWISE ON DRAWINGS. LINTELS SHALL BE OF SUFFICIENT SIZE AND REINFORCEMENT FOR THE GIVEN SPANS AND LOADING CONDITIONS. SUBMIT SHOP DRAWINGS WITH RATED LOAD CAPACITIES TO THE ARCHITECT FOR REVIEW.
- K. PROVIDE A KNOCK OUT BLOCK OR U-BLOCK REINFORCED WITH (1)-#5 CONTINUOUS AT THE SILL OF ALL WINDOW OPENINGS. EXTEND 8" BEYOND EACH SIDE OF THE OPENING TYPICALLY.

HEADER/BREAM SCHEDULE			
TYPE	HEADER/BEAM	TYPE	HEADER/BEAM
H-1	DOUBLE 2x8 FOR 4" WALL TRIPLE 2x6 FOR 6" WALL	H-5	(2) 1 3/4" x 9 1/2" LVL
H-2	DOUBLE 2x10 FOR 4" WALL TRIPLE 2x8 FOR 6" WALL	H-6	(3) 1 3/4" x 9 1/2" LVL
H-3	DOUBLE 2x12 FOR 4" WALL TRIPLE 2x10 FOR 6" WALL	H-7	(2) P.T. 2x12
H-4	(2) 1 3/4" x 11 7/8" LVL		

1. PROVIDE WOOD HEADERS OVER ALL OPENINGS. IF NO HEADER IS SPECIFIED, PROVIDE H-2 AT EXTERIOR WALLS AND WALLS SUPPORTING TRUSSES, AND H-1 AT OTHER WALLS.
2. AT DOUBLE 2x HEADER/BREAMS PROVIDE A 3/8" PLYWOOD (OR O.S.B.) SPACER BETWEEN MEMBERS.
3. NAIL ALL MULTI-MEMBER HEADERS AND BEAMS TOGETHER WITH 16d NAILS AT 12" O.C. TOP AND BOTTOM, EACH SIDE, STAGGERED.
4. PROVIDE DOUBLE WOOD STUD UNDER WOOD HEADER EA END UNO.

ROOF FASTENING ZONES
GABLE ROOF



HIP ROOF

ROOF SHEATHING FASTENING SCHEDULE:

NOTE: USE 8d RING SHANK NAILS IN ZONE

PANEL EDGES	PANEL FIELD
① NAILS 6" O.C.	① NAILS 6" O.C.
② NAILS 6" O.C.	② NAILS 6" O.C.
③ NAILS 4" O.C.	③ NAILS 4" O.C.

WINDOW & DOOR WIND PRESSURES
156 MPH WIND ZONE EXPOSURE B
BUILDING CATAGORY II. BELOW VALUES
BASED ON ALLOWABLE STRESS DESIGN (ASD)

OPENING SIZE	INTERIOR ZONE	EXTERIOR ZONE**
8' GARAGE DOOR	+25.31 / -28.64	+25.31 / -28.64
16' GARAGE DOOR	+24.20 / -26.91	+24.20 / -26.91
10 SQFT	+26.91 / -29.24	+26.91 / -36.10
20 SQFT	+25.11 / -28.04	+25.11 / -33.63
50 SQFT	+24.11 / -26.44	+24.11 / -30.44
100 SQFT	+22.91 / -25.17	+22.91 / -28.04

**END ZONE IS DEFINED AS AN AREA WITHIN 8' FROM THE EDGE OF THE BUILDING

STANDARD WINDOWS AND DOORS WILL GENERALLY FALL INTO THE 10 TO 20 SQ. FT. CATEGORY. STANDARD DOUBLE SLIDING GLASS DOORS WILL GENERALLY FALL INTO THE 20 TO 50 SQ. FT. CATEGORY. STANDARD DOUBLE GARAGE DOORS WILL GENERALLY FALL INTO THE 50 TO 100 SQ. FT. CATEGORY

CONNECTING TOP PLATE TO HEADER W/ 2-16d NAILS @ 8" O.C. TYP

PLYWOOD SHIM

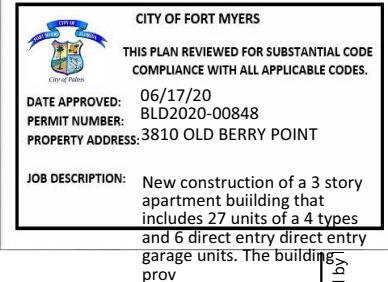
H-1 SECTION
SCALE: NTS.

CONNECTING TOP PLATE TO HEADER W/ 2-16d NAILS @ 8" O.C. TYP

PLYWOOD SHIM

H-2 SECTION
SCALE: NTS.

12-09-19



ISSUE HISTORY

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

No.	Date	Description
-	-	-



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BR-519



This item has been electronically signed and sealed by Minsheng Xie, PE on the date shown on the line stamp using a digital signature.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

ASE ENGINEERING SERVICES, INC.

STRUCTURAL DESIGN GROUP
TO THE BEST OF MY KNOWLEDGE, THE BUILDING DESIGN PLANS AND SPECIFICATIONS COMPLY WITH BUILDING STRUCTURAL DESIGN CODES, THE EERING AND SEALING OF THE PLANS AND SPECIFICATIONS ARE ONLY FOR THE BUILDING'S STRUCTURAL COMPONENTS AFFECTED BY THE LIVE AND DEAD LOADS.
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THE ROBERT

FT. MYERS, FL

GENERAL NOTES
BLDG TYPES 1, 2 & 3

S0.01

PLOTTED:

CONNECTOR EQUIVALENT SCHEDULE SIMPSON				
SIMPSON TYP	FASTENERS	UPLIFT(lbs.)	WOOD TO:	USP TYP
MT916 OR MT912	(14) 10d x 1-1/2	1000	WOOD	MTW16
HT920	(24) 10d x 1-1/2	1450	WOOD	HTW20
LT912	(12) 10d x 1-1/2	775	WOOD	LTW12
H3	(4) 8d	455	WOOD	RT1
LTT20B	(10) 16d INTO STUDS	1750 (NAILS)	CONCRETE, WOOD	LTS20B
HTT16	(18) 16d	4175 (NAILS)	CONCRETE, WOOD	HTT16
SP-1 SP-4	(10) 10d (6) 10d x 1-1/2	585 735	WOOD (BOTT OF STUD) WOOD (TOP OF STUD)	SPT22 SPT4
THA/THAC TYP	PER SIMPSON CATALOG	PER SIMPSON CATALOG	SELECTION BASE ON TRUSS WIDTH AND HEIGHT	MSH TYP
CS16	(22) 10d	1650	11" MIN AT EA END FOR WOOD	RS150
MAS	(6) 10d x 1-1/2	1005	SLAB, STEMWALL	FA3
HCP2 HCP4	(12) 10d x 1-1/2 (16) 10d	605 1000	FOR 2x MEMBER FOR 4x MEMBER	N/A N/A
A35	(12) 8d x1 1/2	450 SHEAR	WOOD	MPA1
CC44, ECCU44 CC66, ECCU66	(4) 5/8d BOLTS (6) 5/8d BOLTS	1465 (UPLIFT) 3660 (UPLIFT)	ECCU44 AT BEAM END ECCU66 AT BEAM END	KCC44, KCCU44 KCC66, KCCU66
PC/EPC TYP	PER SIMPSON CATALOG	PER SIMPSON CATALOG	SELECTION BASE ON POST AND BEAM WIDTH	PCM/EPCM TYP
ECCLL44 ECCLL66 ABU44 ABU66	BOLTS AS REQ (12) 16d 5/8 ANCHOR BOLT	1465 (UPLIFT) 3660 (UPLIFT) 2200	ECCLL44 FOR 4x4 POST ECCLL66 FOR 6x6 POST ABU44 FOR 4x4 POST ABU44 FOR 4x4 POST	KECCLL44 KECCLL66 PAU44 PAU66
HUC410	(18) 16d FOR WOOD	1510	CONCRETE, MASONRY, WOOD FOR 4x10 BM	HD410IF
HUC412	(22) 16d FOR WOOD	1510	CONCRETE, MASONRY, WOOD FOR 4x12 BM	HD412IF
LUS TYP	PER SIMPSON CATALOG	PER SIMPSON CATALOG	LUS24 FOR 2x6, LUS26 FOR 2x8, LUS28 FOR 2x10, ETC.	JUS TYP

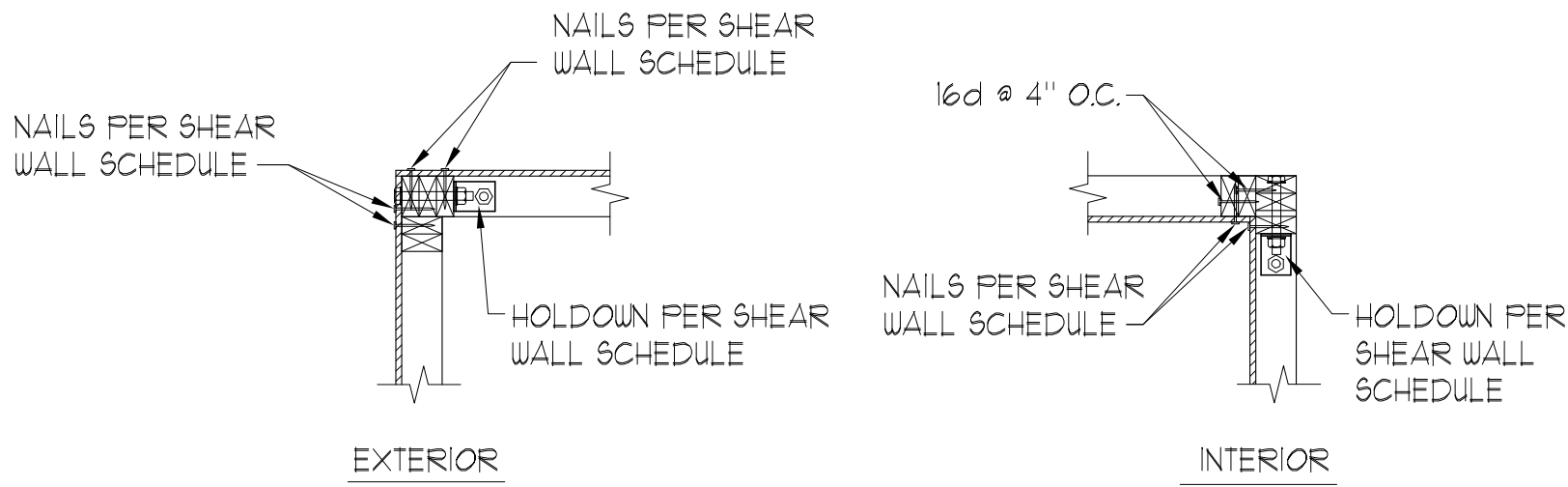
* SUBJECT TO COORDINATION WITH TRUSS ENGINEERING CRITERIA

SHEARWALL SCHEDULE FOR 3 STORY BUILDINGS																					
TYPE	SHEATHING			SHEATHING NAILING			FND CONN EACH END OF WALL				FND SOLE PLATE ATTACHMENT	2nd FLOOR CONN EACH END OF WALL					3rd FLOOR CONN EACH END OF WALL				
	FND-2nd FLR/ROOF	2nd-ROOF # 2 STORY	3rd-ROOF # 3 STORY	FND-2nd FLR/ROOF	2nd-ROOF # 2 STORY	3rd-ROOF # 3 STORY	CONNECTOR	FND BOLT-12" EMBED DBL NUT EA END	ATTACH TO STUDS	REQ'D STUDS AT END OF WALL		CONNECTOR	NAILS EACH END OF STRAP AT STUD	THREADED ROD BTUN CONN DBL NUT EA END	BOLTS TO STUDS	REQ'D STUDS AT END OF WALL	CONNECTOR	NAILS EACH END OF STRAP AT STUD	THREADED ROD BTUN CONN DBL NUT EA END	BOLTS TO STUDS	REQ'D STUDS AT END OF WALL
①	1/8" C-D PLYWD ³	1/16" C-D PLYWD ³	1/16" C-D PLYWD ³	8d NAILS @ 4" O.C.	8d NAILS @ 6" O.C.	8d NAILS @ 6" O.C.	HD5B	5/8" DIA	2-3/4" DIA BOLTS	(3) 3x4	1/2" DIAx 1" EMB. A. BOLTS @ 32" O.C.	CS10x40	(12) 10d	N/A	N/A	(4) 2x4	CS10x40	(12) 10d	N/A	N/A	(3) 2x4
②	5/8" GYPSUM WALLBOARD ^{1/2}	5/8" GYPSUM WALLBOARD ^{1/2}	5/8" GYPSUM WALLBOARD ^{1/2}	6d COOLER NAILS @ 4" O.C.	6d COOLER NAILS @ 4" O.C.	6d COOLER NAILS @ 4" O.C.	HD5B	5/8" DIA	2-3/4" DIA BOLTS	(3) 3x4	1/2" DIAx 1" EMB. A. BOLTS @ 32" O.C.	CS10x40	(12) 10d	N/A	N/A	(4) 2x4	CS10x40	(12) 10d	N/A	N/A	(3) 2x4
③	1/16" C-D PLYWD ³	1/16" C-D PLYWD ³	1/16" C-D PLYWD ³	8d NAILS @ 4" O.C.	8d NAILS @ 6" O.C.	8d NAILS @ 6" O.C.	HD5B	5/8" DIA	2-3/4" DIA BOLTS	(3) 3x4	1/2" DIAx 1" EMB. A. BOLTS @ 32" O.C.	CS10x40	(12) 10d	N/A	N/A	(4) 2x4	CS10x40	(12) 10d	N/A	N/A	(3) 2x4
④	1/16" C-D PLYWD ³	1/16" C-D PLYWD ³	N/A	8d NAILS @ 4" O.C.	8d NAILS @ 4" O.C.	N/A	HD5B	5/8" DIA	2-3/4" DIA BOLTS	(3) 2x4	1/2" DIAx 1" EMB. A. BOLTS @ 32" O.C.	CS10x40	(12) 10d	N/A	N/A	(4) 2x4	N/A	N/A	N/A	N/A	N/A

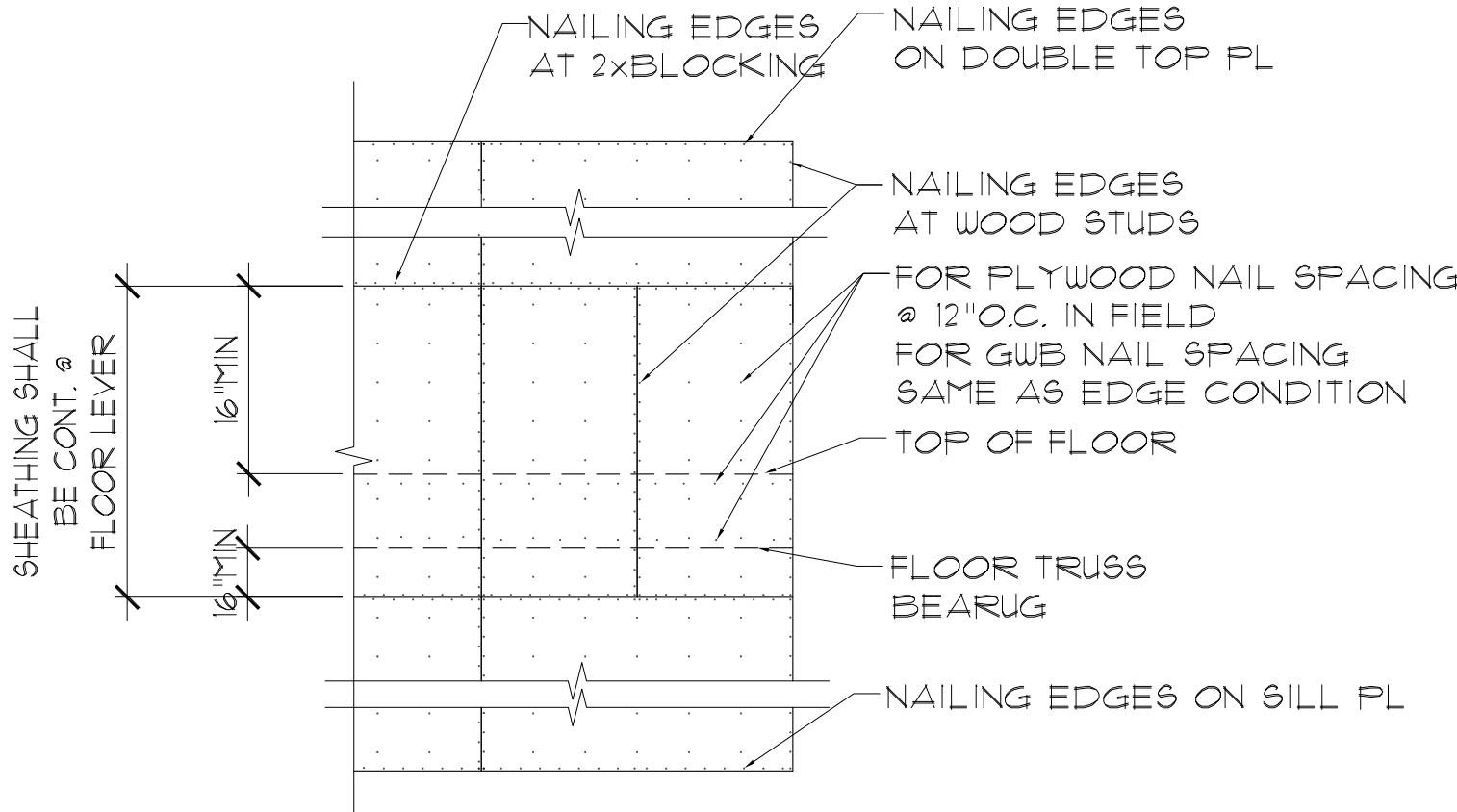
- *1 SHEATH BOTH FACES OF WOOD BEARING WALL. PROVIDE SOLID BLOCKING AT ALL SHEET EDGES, AND AT 4'-0" O.C. MAXIMUM BETWEEN STUDS.
- *2 THIS IS AN INTERIOR PARTY WALL, WITH SHEATHING ON ONE FACE ONLY. PROVIDE THE SHEARWALL SHEATHING SCHEDULED APPLIED DIRECTLY TO THE STUDS WITH THE SCHEDULED NAILING PATTERN.
- *3 SHEATH EXTERIOR FACE WITH SHEARWALL SCHEDULED, AND THE INTERIOR FACE OF STUDS AS SPECIFIED IN THE GENERAL NOTES FOR INTERIOR WALLS.
- *4 ALL ANCHOR BOLTS SHALL HAVE 2" DIA WASHERS.

NOTES:

- 1 ALL HD, MAS, AND CS FASTENERS ARE AS MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, INC., OR EQUAL.
- 2 WHERE SCHEDULED ADDITIONAL STUDS AT THE ENDS OF SHEAR WALLS ARE INTERRUPTED AT TRUSS BEARING, PROVIDE SOLID BLOCKING IN THE TRUSS SPACE TO MATCH THE STUDS SCHEDULED FOR THE LOWER FLOOR.
- 3 WHERE SCHEDULED SHEATHING CANNOT EXTEND FULL HEIGHT OF WALL, PROVIDE SHEATHING OR BLOCKING BETWEEN FLOOR TRUSSES AT ALL SHEARWALLS.
- 4 SHEATHING SHALL EXTEND FULL HEIGHT OF SHEARWALLS. STAGGER SHEATHING HORIZONTAL JOINTS SO THEY DO NOT FALL AT HORIZONTAL JOINT BETWEEN DOUBLE TOP PLATES.
- 5 WHEREVER THE SHEATHING OF A SHEAR WALL IS INTERRUPTED (I.E. BY AN INTERSECTING WALL) IN THE VERTICAL PLANE, THE SCHEDULED "ADD'L STUD AT END OF WALL" AND HOLDDOWN ANCHORS SHALL BE PROVIDED AT THE END OF THE SHEATHING (ONE EACH SIDE OF THE INTERRUPTION). THE QUANTITY OF SHEARWALL CALLOUTS ON THE PLANS MAY NOT ACCURATELY REFLECT THE NUMBER OF HOLDDOWNS REQUIRED BECAUSE OF THIS. THE CONTRACTOR MUST FIRST DETERMINE WHERE THE SHEARWALL SHEATHING WILL BE INTERRUPTED BEFORE DETERMINING THE NUMBER HOLDDOWNS REQUIRED.
- 6 WHERE BOLTS ARE CALLED OUT FOR HOLDDOWN ANCHORS, THE BOLTS SHALL BE THROUGH BOLTS CONFORMING TO ASTM A307.
- 7 1/16" O.S.B. MAY BE USED IN LIEU OF THE 1/16" C-DX PLYWOOD SHEATHING EXCEPT FOR ROOF TRUSS SHEATHING.
- 8 ANCHOR BOLTS SHALL ALL HAVE 3" HOOKS. A36 ALL THREAD RODS, DRILLED AND EPOXY SET INTO FOOTINGS, MAY BE SUBSTITUTED FOR ANCHOR BOLTS CAST IN PLACE. ALL THREAD RODS SHALL HAVE SAME EMBEDMENT DEPTH AS ANCHOR BOLTS.

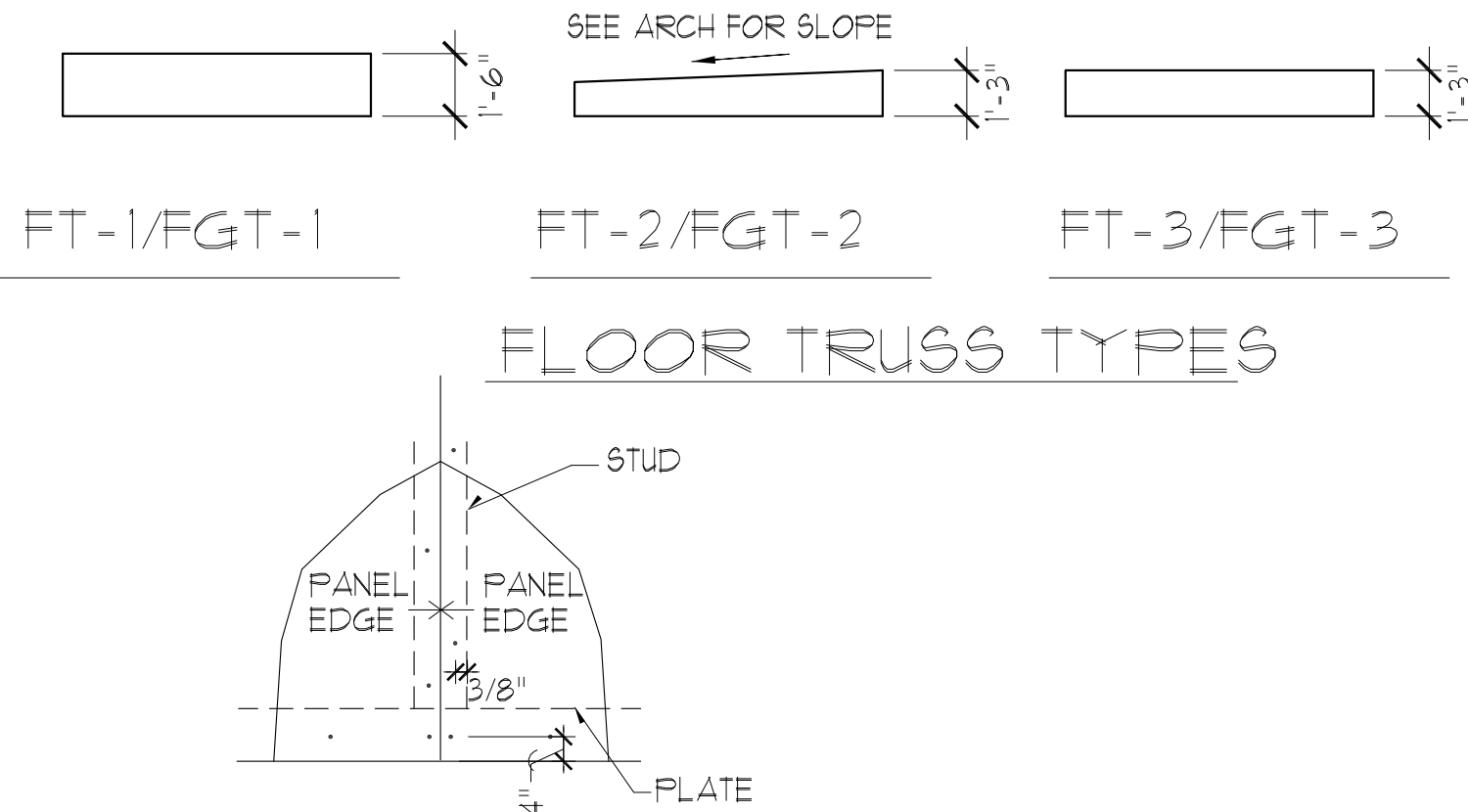


1 TYP. SHEARWALL CORNER HOLDDOWN
SCALE 3/4" = 1'-0"



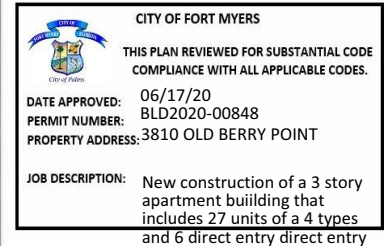
2 TYP SHEARWALL SHEATHING LAY-OUT
SCALE N.T.S.

- TRUSS NOTES
1. TRUSSES SHOWN FOR GENERAL CONFIGURATION ONLY, WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE GENERAL NOTES. WORKING POINTS SHALL BE DETERMINED BY THE TRUSS MANUFACTURER.
2. TRUSS MANUFACTURER IS RESPONSIBLE FOR THE DESIGN OF ANY BRIDGING OR BRACING REQUIRED TO BRACE THE TRUSS BOTTOM CHORDS FOR WIND UPLIFT.
3. SEE THE ARCHITECTURAL DRAWINGS FOR ELEVATIONS, OVERHANGS AND BEARING CONDITIONS.
4. THE CONNECTION OF TRUSS TO TRUSS SHALL BE PROVIDED BY THE TRUSS MANUFACTURER.
5. VERIFY TRUSS SLOPE WITH ARCH DRWG PRIOR TO CONSTRUCTION.



FLOOR TRUSS TYPES

1. ALL HORIZONTAL & VERTICAL JOINTS SHALL OCCUR OVER FRAMING & SHALL BE ATTACHED IN THE SPACING SHOWN ON SHEARWALL SCHEDULE @ SHEARWALLS. SOLID 2X BLOCKING OR FRAMING MEMBER SHALL BE AT ALL PANEL EDGES.
2. FOLLOW SHEATHING ORIENTATION DIAGRAM (BELOW). BOTTOM PLATE OF FIRST FLOOR FRAMING SHALL BE ATTACHED TO FOUNDATION WITH MAS CONNECTORS OR ANCHOR BOLTS AS SCHEDULED.



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1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

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Certificate of Authorization No. 25873

Minghang Xie P.E.
Florida No. 51161

THE ROBERT

FT. MYERS, FL


GENERAL NOTES
BLDG TYPES 1, 2 & 3

S0.02

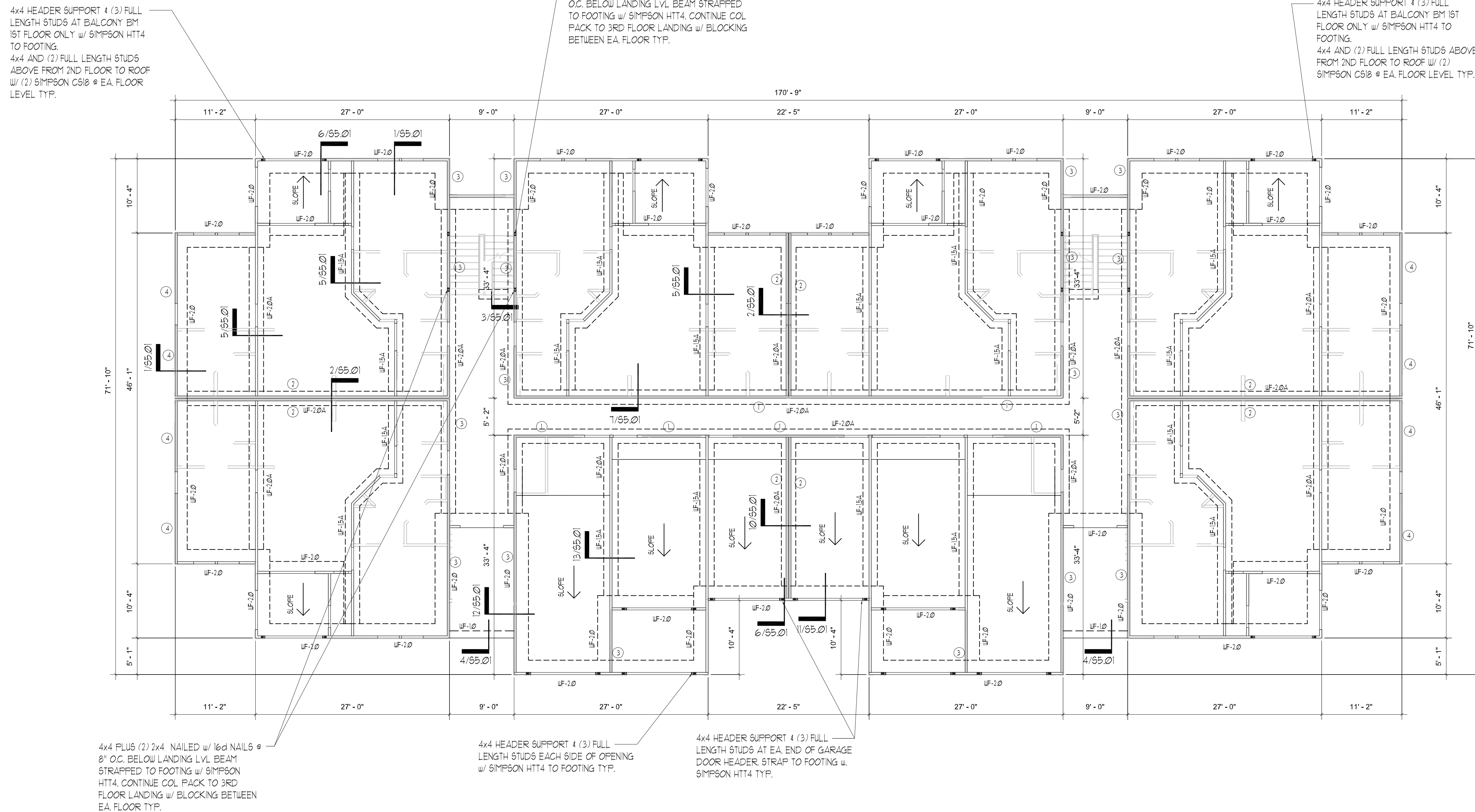
12-09-19

PLOTTED:

- 1 SEE GENERAL NOTES ON SHEETS S001 & S002.
- 2 DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3 4" (TOTAL) CONCRETE SLAB REINFORCED WITH 6x6- W4xW4 WUF. OVER 10 MIL VAPOR BARRIER ON COMPACTED SUBGRADE. COORDINATE ALL SLAB SLOPES, DEPRESSIONS AND LIMITS THERE OF WITH ARCH'L. DRAWINGS (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE ARCH'L. AND / OR CIVIL DRAWINGS).
- 4 PRIOR TO CONCRETE PLACEMENT PROVIDE TERMITE SOIL TREATMENT WITH TEN YEAR WARRANTY AND FOUR ANNUAL INSPECTIONS AND RENEUALS. SEE ARCHITECTURE FOR REQUIREMENT.
- 5 ○ INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET S002 FOR SHEAR WALL INFORMATION.

- 6 THE MAX. SPACING OF CONTROL JOINT FOR ENCLOSURE SPACE SHALL BE 20'-0" O.C. AND FOR OPEN SPACE SHALL BE 8'-0" O.C. COORD. W/ FLOOR COVERING PLACEMENT. SEND SUBMITTAL TO ARCHITECT FOR REVIEW.
- 1 SEE ARCH'L. DRAWINGS FOR LOCATIONS / LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES.
- 8 COORDINATE ALL SLAB (TOPPING) SLOPES AND DEPRESSIONS WITH ARCH'L. DRAWINGS. (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE ARCH'L. DRAWINGS)
- 9 SEE MECHANICAL DRAWINGS FOR LOCATION (ON PLANK) OF MECHANICAL UNITS. H.C. MANUFACTURER / SUPPLIER TO DESIGN FOR UNIT WEIGHT. AS REQUIRED VERIFY WEIGHTS WITH MECHANICAL DRAWINGS.
- 10  INDICATES MASONRY BEARING WALLS REINFORCED WITH (1) #5 VERTICAL GROUT FILLED CELLS SOLID AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 24" O.C. (MAX.).
- 11 SEE 16411/65/02 FOR THE 2X4 BLOCKING BETWEEN BEARING FLOOR LEVEL. 4x4 PLUS (2) 2x4

FOOTING SCHEDULE		
MARK	SIZE	REINFORCEMENT BOTTOM
	WIDTH x LENGTH x DEPTH	
WF-10	1'-0"xCONT.x2'-2"	(2)-#5 CONT.
WF-15A	1'-6"xCONT.x1'-0"	(2)-#5 CONT. #4 @ 48" O.C. TRANSVERSE
WF-20	2'-0"xCONT.x2'-2"	(2)-#5 CONT. #4 @ 48" O.C. TRANSVERSE
WF-20A	2'-0"xCONT.x1'-0"	(3)-#5 CONT. #4 @ 48" O.C. TRANSVERSE
F-25A	2'-6"x2'-6"x1'-0"	(3)-#5 EA WAY
F-25	2'-6"x2'-6"x1'-0"	(3)-#5 EA WAY



1 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

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3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

[illegible]

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AND SPECIFICATIONS ARE ONLY FOR THE BUILDING'S STRUCTURAL COMPONENTS AFFECTED
BY WIND, LIVE AND GRAVITY LOADS.

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Certificate of Authorization No. 25873

Minsheng Xie P.E.
Florida No. 51161

THE ROBERT


FT. MYERS, FL

BUILDING TYPE 1
FOUNDATION PLAN

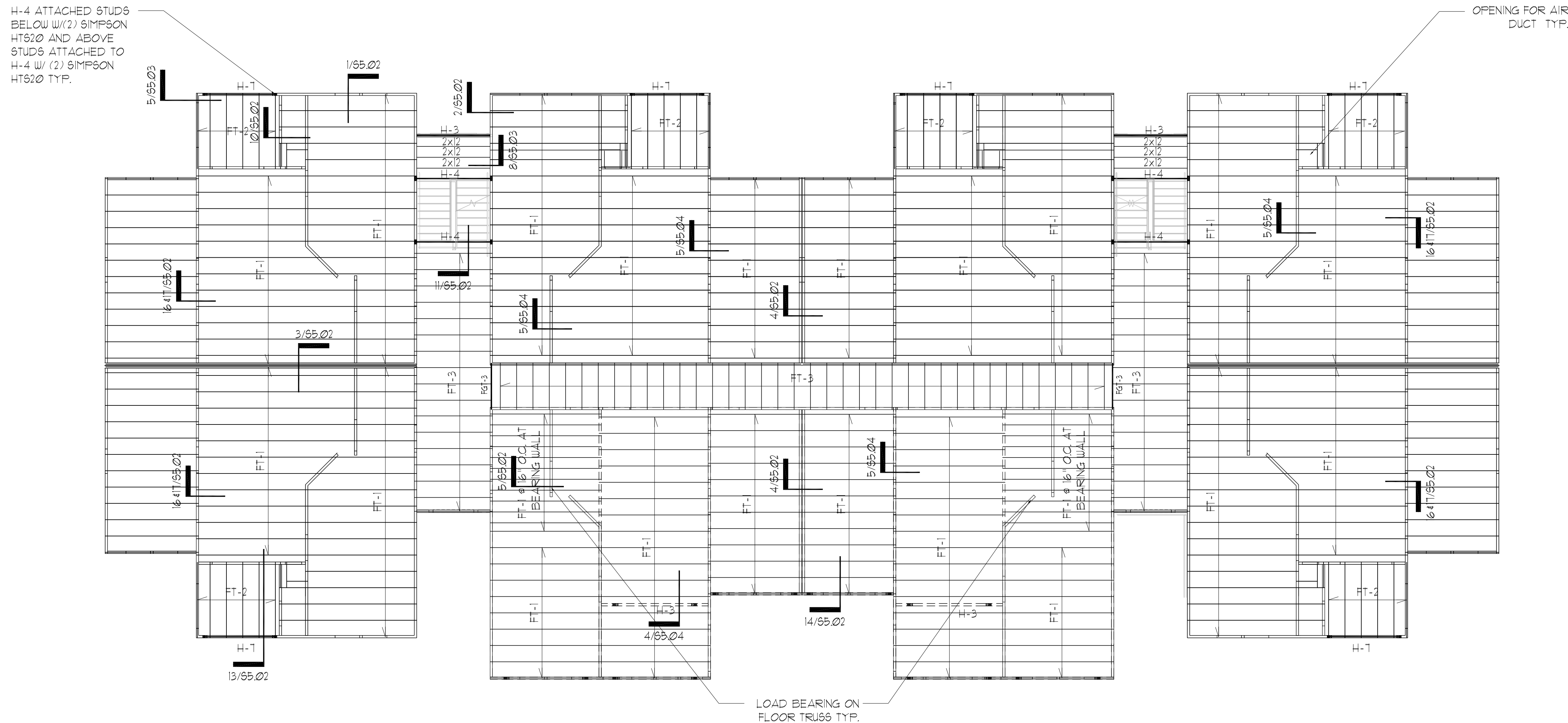
S1.01

Drawn:	CW
Checked:	CW
Approval:	MX
Date:	09/10/2019
Project #:	5592

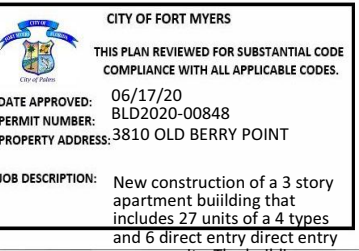
- 1 SEE GENERAL NOTES ON SHEET 5001 & 5002.
- 2 DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3 ○ INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET 5002 FOR SHEAR WALL INFORMATION.
- 4 SEE ARCH'L. DRAWINGS FOR LOCATIONS/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES (SHEET 5001) FOR ADDITIONAL WALL FRAMING INFORMATION.
- 5 PROVIDE WOOD HEADER OVER ALL OPENINGS IN WOOD WALLS (COORD. EXACT SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRAWINGS) IF NO HEADER TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE WOOD HEADER BASED ON HEADER SCHEDULE SHOWN ON 5001 SHEET.
- 6 PRE-ENGINEERED 18" DEEP WOOD TRUSSES AT 24" O.C. (MAX) U.N.O., 15" DEEP WOOD TRUSSES AT 24" O.C. (MAX) U.N.O AT BALCONY/BREEZEWAY WITH 3/4" P.T. C-D PLYWOOD SHEATHING.

- 1 COORDINATE LOCATION OF FLOOR TRUSSES w/ MECH. DUGS FOR LOCATION OF EXHAUST FAN, AIR HANDLING, AND DUCTS.
- 2 F.G.T. INDICATES FLOOR GIRDER TRUSS.
- 3 THE REQUIRED NUMBER OF FASTENERS FOR CONNECTORS SUCH AS NAILS TO WOOD MEMBERS, SEE SIMPSON CATALOG.
- 10 SEE THE GENERAL NOTES FOR FLOOR SHEATHING INFORMATION, AND FOR WOOD TRUSS TYPES.
- 11 PROVIDE DOUBLE WOOD STUDS UNDER WOOD HEADER, WOOD BEAM, F.G.T., G.T. CONTINUOUS TO THE FTG. UNO. (PROVIDE (2) 2X4 WOOD BLOCKING BETWEEN TRUSS TOP AND BOTTOM CORDS BELOW)
- 12 AT DOORWAYS FOR INTERIOR BEARING WALLS, ADD A (2) 2x BLOCKING BETWEEN FLOOR LEVELS.
- 13 SEE ARCH DRAWINGS FOR SPECS ON LIGHTWEIGHT CONCRETE OVER WOOD JOIST TYP.
- 14  INDICATES MASONRY BEARING WALLS REINFORCED WITH 1"-5 VERTICAL GROUT FILLED CELLS SOLID AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 24" O.C. (MAX) .
- 15 PROVIDE DOUBLE KNOCK OUT BLOCK BOND BEAM AT EA FLOOR LEVEL WITH 5 BARS AT EA COURSE.

16 PROVIDE PRECAST "U" LINTELS OVER ALL OPENINGS IN MASONRY WALL (COORD. EXACT SIZE, LOCATIONS, AND ELEVATIONS WITH ARCH'L. DRAWINGS). IF NO LINTEL TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE MASONRY LINTEL TYPE: 8F16-1B/IT, AND 8F14-1B/IT FOR DOOR SEE "LINTEL SCHEDULE" (ON SHEET 55.05) FOR LINTEL TYPE SIZES AND REINFORCING. PROVIDE TEMPORARY SHORING DURING CONSTRUCTION IF LINTEL SPAN IS GREATER THAN 6 (SIX) FEET.



1 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0"



MIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

No.	Date	Description
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Certificate of Authorization No. 25873

Ersheng Xie P.E.
Florida No. 51161

THE ROBERT

FT. MYERS, FL

FT. MYERS, FL

BUILDING TYPE 1
2ND FLOOR FRAMING PLAN

S1.02

12.09.19

OTED:

16) PROVIDE PRECAST "1" LINTEL6 OVER ALL OPENINGS IN MASONRY WALL (COORD. EXACT SIZE, LOCATIONS, AND ELEVATIONS WITH ARCH'L. DRAWINGS). IF NO LINTEL TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE MASONRY LINTEL TYPE: 2F16-1B/1T, AND 2F14-1B/1T FOR DOOR SEE "LINTEL SCHEDULE" (ON SHEET 55-05) FOR LINTEL TYPE SIZES AND REINFORCING. PROVIDE TEMPORARY SHORING DURING CONSTRUCTION IF LINTEL SPAN IS GREATER THAN 6 (SIX) FEET.



SCALE: 1/8" = 1'-0"

[illegible]

CONSULTANT

Minsheng Xie P.E.
Florida No. 51161

S1.03

Drawn:	CW
Checked:	CW
Approval:	MX
Date:	09/10/2019
Project #:	5592

PLOTTED:

PLAN NOTES:

- 1

SEE GENERAL NOTES ON SHEET S001 & S002.
- 2

DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3

SEE ARCH'L. DRAWINGS FOR LOCATIONS/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES (SHEET S001) FOR ADDITIONAL WALL FRAMING INFORMATION.
- 4

PROVIDE WOOD HEADER OVER ALL OPENINGS IN WOOD WALLS (COORD. EXACT SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRAWINGS) IF NO HEADER TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE WOOD HEADER BASED ON HEADER SCHEDULE SHOWN ON S001 SHEET.
- 5

PRE-ENGINEERED WOOD TRUSSES & MISCELLANEOUS WOOD FRAMING SPACED AT 24"O.C.(MAX).
- 6

O.B. INDICATES OVER-BUILT PRE-ENG. TRUSS.
- 7

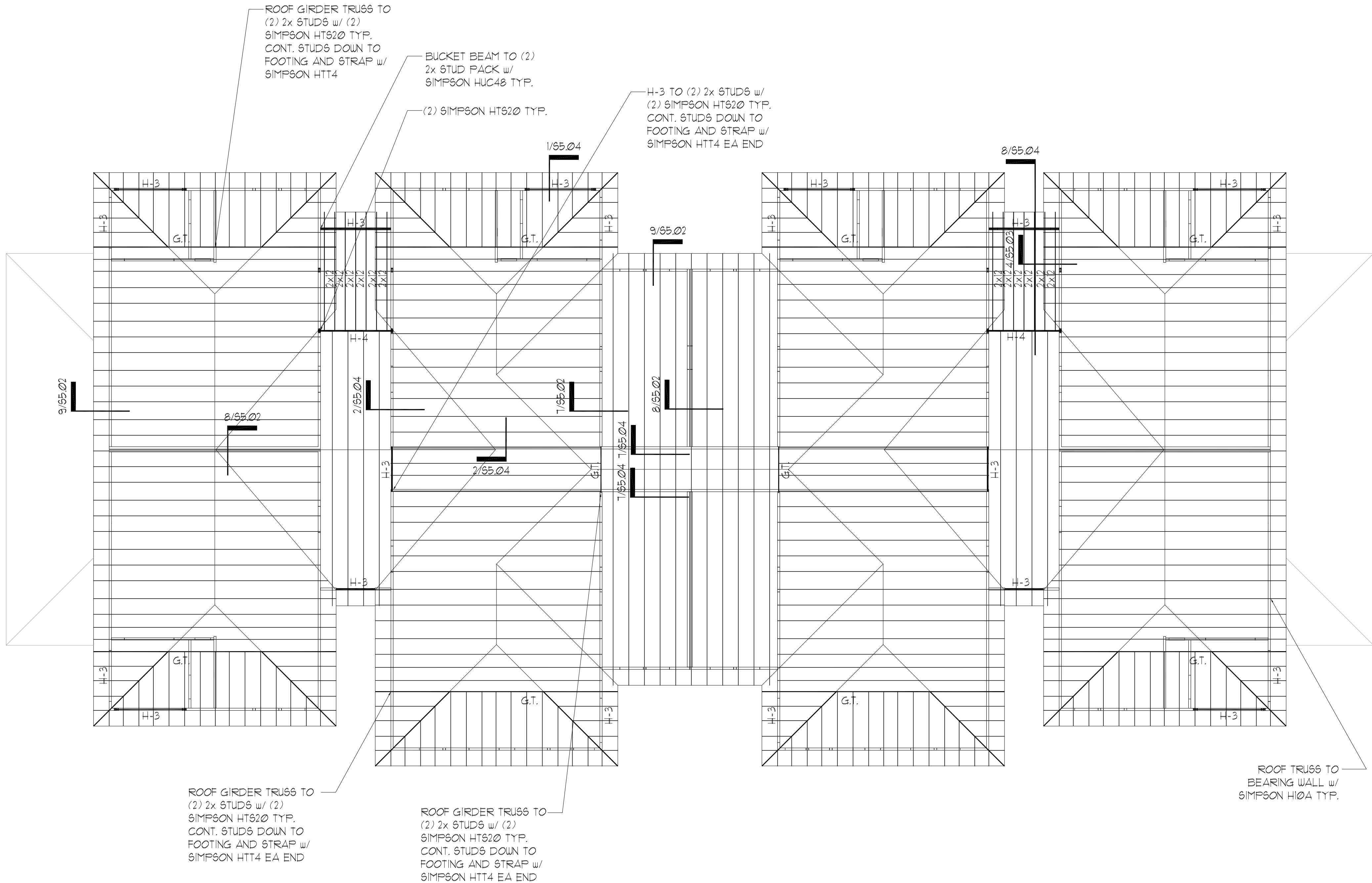
G.T. INDICATES GIRDER TRUSS.
- 8

THE REQUIRED NUMBER OF FASTENERS FOR CONNECTORS SUCH AS NAILS TO WOOD MEMBERS, SEE SIMPSON CATALOG.
- 9

SEE THE GENERAL NOTES FOR ROOF SHEATHING INFORMATION, AND FOR WOOD TRUSS TYPES.
- 10

TRUSS ENGINEER TO DESIGN TRUSS TO INCORPORATE LOADS FROM MECHANICAL UNITS.
- 11

PROVIDE DOUBLE WOOD STUDS UNDER WOOD HEADER, WOOD BEAM, F.G.T., G.T. TO THE FTG. UNO.



1 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

CITY OF FORT MYERS

THIS PLAN REVIEWED FOR SUBSTANTIAL CODE COMPLIANCE WITH ALL APPLICABLE CODES.

DATE APPROVED: 06/17/20

PERMIT NUMBER: BL2020-00648

PROPERTY ADDRESS: 3815 OLD BERRY POINT

JOB DESCRIPTION: New construction of a 3 story apartment building that includes 77 units of 4, 5, and 6 direct entry direct entry garage units. The building prov

ISSUE HISTORY		
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No.	Date	Description
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Florida No. 51161

THE ROBERT

FT. MYERS, FL

BUILDING TYPE 1

ROOF FRAMING PLAN

S1.04

Drawn: CW

Checked: CW

Approved: MX

Date: 09/10/2019

Project #: 5592

12-09-19

PLOTTED:

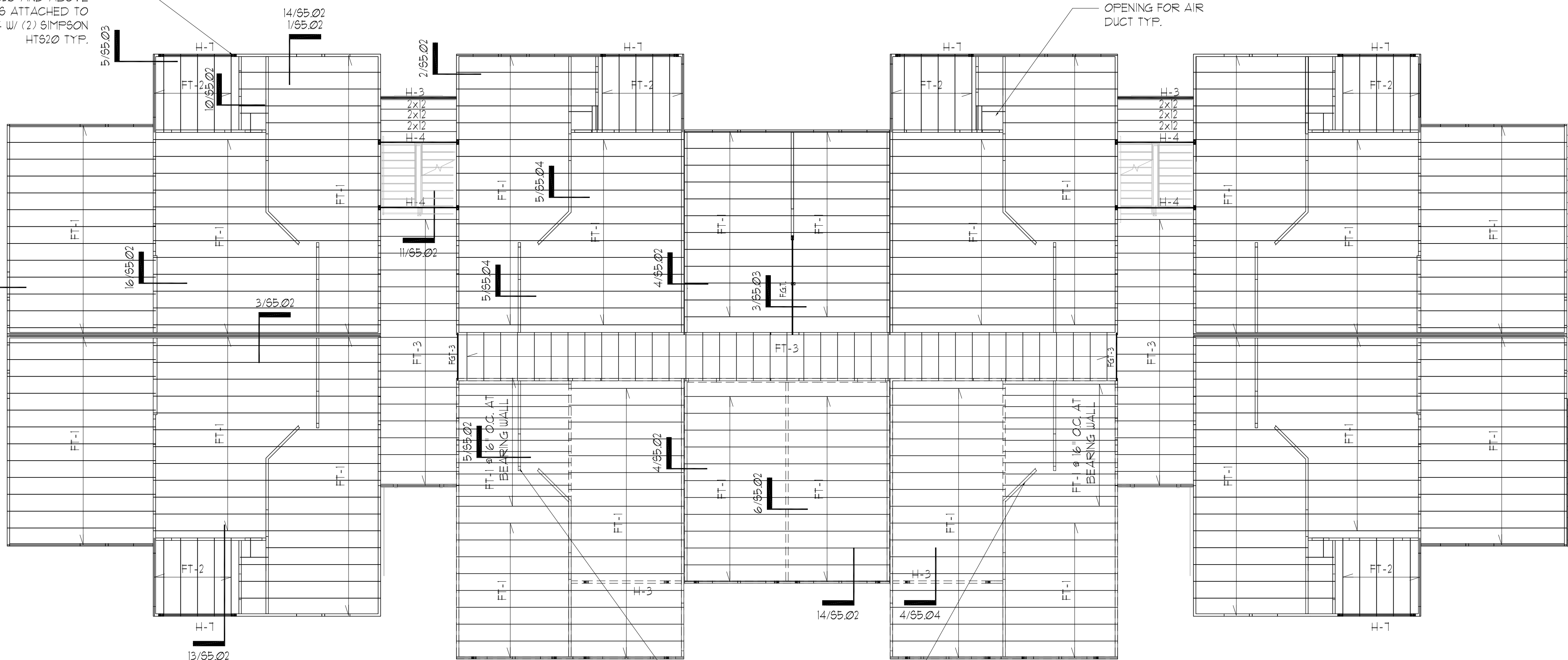
12-09-19

PLAN NOTES:

- 1 SEE GENERAL NOTES ON SHEET S0.01 & S0.02.
- 2 DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3 ○ INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET S0.02 FOR SHEAR WALL INFORMATION.
- 4 SEE ARCH'L. DRAWINGS FOR LOCATIONS/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES (SHEET S0.01) FOR ADDITIONAL WALL FRAMING INFORMATION.
- 5 PROVIDE WOOD HEADER OVER ALL OPENINGS IN WOOD WALLS (COORD. EXACT SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRAWINGS) IF NO HEADER TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE WOOD HEADER BASED ON HEADER SCHEDULE SHOWN ON S0.01 SHEET.
- 6 PRE-ENGINEERED 18" DEEP WOOD TRUSSES AT 24" O.C. (MAX) UNO., 15" DEEP WOOD TRUSSES AT 24" O.C. (MAX) UNO AT BALCONY/BREEZEWAY WITH 3/4" P.T. C-D PLYWOOD SHEATHING.
- 7 COORDINATE LOCATION OF FLOOR TRUSSES W/ MECH. DUGS FOR LOCATION OF EXHAUST FAN, AIR HANDLING, AND DUCTS.
- 8 F.G.T. INDICATES FLOOR GIRDER TRUSS.
- 9 THE REQUIRED NUMBER OF FASTENERS FOR CONNECTORS SUCH AS NAILS TO WOOD MEMBERS, SEE SIMPSON CATALOG.
- 10 SEE THE GENERAL NOTES FOR FLOOR SHEATHING INFORMATION, AND FOR WOOD TRUSS TYPES.
- 11 PROVIDE DOUBLE WOOD STUDS UNDER WOOD HEADER, WOOD BEAM, F.G.T., G.T. CONTINUOUS TO THE FTG. UNO. (PROVIDE (2) 2X4 WOOD BLOCKING BETWEEN TRUSS TOP AND BOTTOM CORDS BELOW)
- 12 AT DOORWAYS FOR INTERIOR BEARING WALLS, ADD A (2) 2x BLOCKING BETWEEN FLOOR LEVELS.
- 13 SEE ARCH. DRAWINGS FOR SPECS ON LIGHTWEIGHT CONCRETE OVER WOOD JOIST TYP.
- 14 ■■■■■ INDICATES MASONRY BEARING WALLS REINFORCED WITH (1)-#5 VERTICAL GROUT FILLED CELLS SOLID AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 24" O.C. (MAX) .
- 15 PROVIDE DOUBLE KNOCK OUT BLOCK BOND BEAM AT EA FLOOR LEVEL WITH #5 BARS AT EA COURSE.

- 16 PROVIDE PRECAST 'U' LINTELS OVER ALL OPENINGS IN MASONRY WALL (COORD. EXACT SIZE, LOCATIONS AND ELEVATIONS WITH ARCH'L. DRAWINGS). IF NO LINTEL TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE MASONRY LINTEL TYPE: 8F16-1B/1T, AND 8F14-1B/1T FOR DOOR SEE "LINTEL SCHEDULE" (ON SHEET S0.05) FOR LINTEL TYPE SIZES AND REINFORCING. PROVIDE TEMPORARY SHORING DURING CONSTRUCTION IF LINTEL SPAN IS GREATER THAN 6 (SIX) FEET.

H-4 ATTACHED STUDS BELOW W/(2) SIMPSON HTS20 AND ABOVE STUDS ATTACHED TO H-4 W/ (2) SIMPSON HTS20 TYP.



2ND FLOOR PLAN

SCALE: 1/8" = 1'-0"

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ISSUE HISTORY

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Florida No. 51161

THE ROBERT

FT. MYERS, FL

BUILDING TYPE 2
2ND FLOOR FRAMING PLAN

S2.02

PLOTTED:

16) PROVIDE PRECAST "U" LINTELS OVER ALL OPENINGS IN MASONRY WALL (COORD. EXACT SIZE, LOCATIONS, AND ELEVATIONS WITH ARCHT. DRAWINGS). IF NO LINTEL TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE MASONRY LINTEL TYPE: 8F16-1B/1T, AND 8F14-1B/1T FOR DOOR SEE "LINTEL SCHEDULE" (ON SHEET 55-05) FOR LINTEL TYPE SIZES AND REINFORCING. PROVIDE TEMPORARY SHORING DURING CONSTRUCTION IF LINTEL SPAN IS GREATER THAN 6 (SIX) FEET.



12-09-19

REVISION HISTORY		
No.	Date	Description

2555 Temple Trail, Winter Park, FL 32789 (407) 629-059
www.fuglebergkoch.com

CONSULTANT

TO THE BEST OF MY KNOWLEDGE, THE BUILDING DESIGN PLANS AND SPECIFICATIONS COMPLY WITH BUILDING STRUCTURAL DESIGN CODE. THE SIGNING AND SEALING OF THE PLANS AND SPECIFICATIONS ARE ONLY FOR THE BUILDING'S STRUCTURAL COMPONENTS AFFECTED BY WIND, LIVE AND GRAVITY LOADS.

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Certificate of Authorization No. 25873

Minsheng Xie P.E.
Florida No. 51161

FT. MYERS, FL.

S2.03

PLOTTED:

PLAN NOTES:

- 1

SEE GENERAL NOTES ON SHEET S001 & S002.
- 2

DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3

SEE ARCH'L. DRAWINGS FOR LOCATIONS/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES (SHEET S001) FOR ADDITIONAL WALL FRAMING INFORMATION.
- 4

PROVIDE WOOD HEADER OVER ALL OPENINGS IN WOOD WALLS (COORD. EXACT SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRAWINGS) IF NO HEADER TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE WOOD HEADER BASED ON HEADER SCHEDULE SHOWN ON S001 SHEET.
- 5

PRE-ENGINEERED WOOD TRUSSES & MISCELLANEOUS WOOD FRAMING SPACED AT 24"O.C.(MAX).
- 6

O.B. INDICATES OVER-BUILT PRE-ENG. TRUSS.
- 7

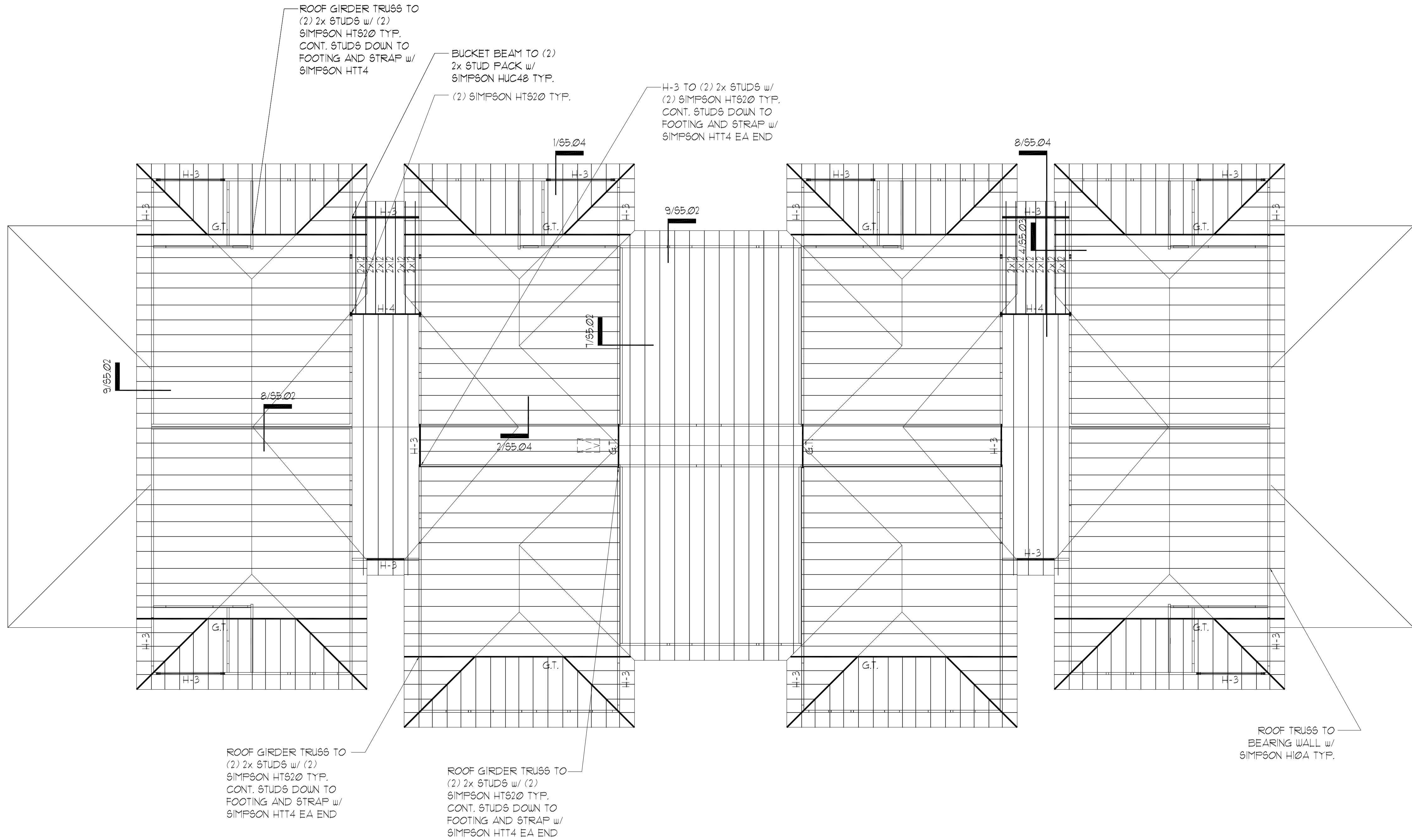
G.T. INDICATES GIRDER TRUSS.
- 8

THE REQUIRED NUMBER OF FASTENERS FOR CONNECTORS SUCH AS NAILS TO WOOD MEMBERS, SEE SIMPSON CATALOG.
- 9

SEE THE GENERAL NOTES FOR ROOF SHEATHING INFORMATION, AND FOR WOOD TRUSS TYPES.
- 10

TRUSS ENGINEER TO DESIGN TRUSS TO INCORPORATE LOADS FROM MECHANICAL UNITS.
- 11

PROVIDE DOUBLE WOOD STUDS UNDER WOOD HEADER, WOOD BEAM, F.G.T., G.T. TO THE FTG. UNO.



1 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

CITY OF FORT MYERS

THIS PLAN REVIEWED FOR SUBSTANTIAL CODE COMPLIANCE WITH ALL APPLICABLE CODES.

DATE APPROVED: 06/17/20

PERMIT NUMBER: BLD2020-00648

PROPERTY ADDRESS: 3815 OLD BERRY POINT

JOB DESCRIPTION: New construction of a 3 story apartment building that includes 77 units of 4, 5, and 6 direct entry direct entry garage units. The building pro

ISSUE HISTORY		
No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY		
No.	Date	Description
-	-	-

FUGLEBERG KOCH
PLLC

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CONSULTANT

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STRUCTURAL DESIGN GROUP

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Certificate of Authorization No. Z5873

Mingheng Xia P.E.
Florida No. 51161

THE ROBERT

FT. MYERS, FL

BUILDING TYPE 2

ROOF FRAMING PLAN

S2.04


Drawn: CW

Checked: CW

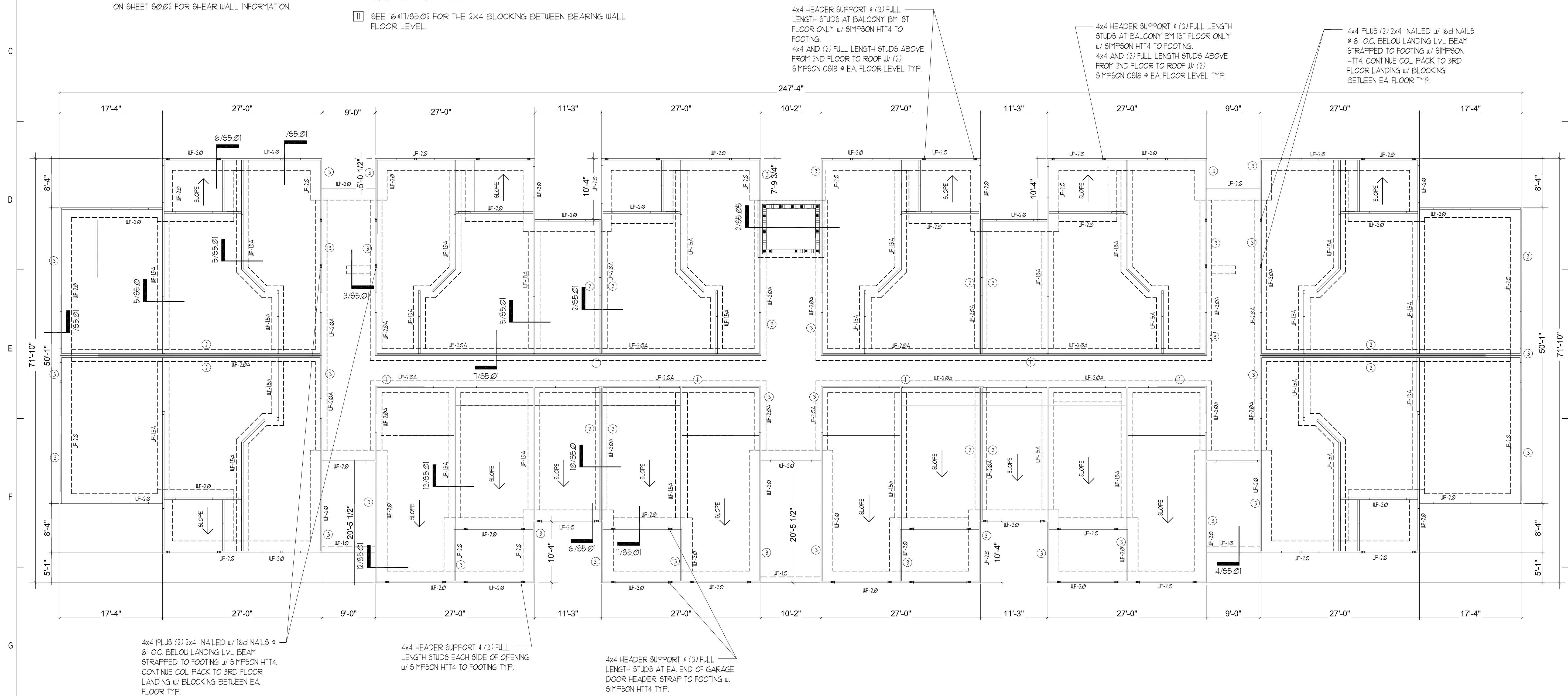
Approved: MX

Date: 09/10/2019

Project #: 5592

- 1 SEE GENERAL NOTES ON SHEETS 5001 & 5002.
- 2 DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3 4" (TOTAL) CONCRETE SLAB REINFORCED WITH 6x6-1/4x14 W/W. OVER 10 MIL VAPOR BARRIER ON COMPACTED SUBGRADE. COORDINATE ALL SLAB SLOPES, DEPRESSIONS AND LIMITS THERE OF WITH ARCH'L. DRAWINGS (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE ARCH'L. AND / OR CIVIL DRAWINGS)
- 4 PRIOR TO CONCRETE PLACEMENT PROVIDE TERMITE SOL TREATMENT WITH TEN YEAR WARRANTY AND FOUR ANNUAL INSPECTIONS AND RENEWALS. SEE ARCHITECTURAL FOR REQUIREMENT.
- 5 ○ INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET 5002 FOR SHEAR WALL INFORMATION.
- 6 THE MAX. SPACING OF CONTROL JOINT FOR ENCLOSURE SPACE SHALL BE 20'-0" O.C. AND FOR OPEN SPACE SHALL BE 8'-0" O.C. COORD. W/ FLOOR COVERING PLACEMENT. SEND SUBMITTAL TO ARCHITECT FOR REVIEW.
- 7 SEE ARCH'L. DRAWINGS FOR LOCATIONS / LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES.
- 8 COORDINATE ALL SLAB (TOPPING) SLOPES AND DEPRESSIONS WITH ARCH'L. DRAWINGS. (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE ARCH'L. DRAWINGS)
- 9 SEE MECHANICAL DRAWINGS FOR LOCATION (ON PLANK) OF MECHANICAL UNITS, H.C. MANUFACTURER / SUPPLIER TO DESIGN FOR UNIT WEIGHT. AS REQUIRED VERIFY WEIGHTS WITH MECHANICAL DRAWINGS.
- 10  INDICATES MASONRY BEARING WALLS REINFORCED WITH (1)-5" VERTICAL GROUT FILLED CELLS SOLID AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 24" O.C. (MAX.).
- 11 SEE 16-41/55-02 FOR THE 2X4 BLOCKING BETWEEN BEARING WALL FLOOR LEVEL.

FOOTING SCHEDULE		
MARK	SIZE	REINFORCEMENT
	WIDTH x LENGTH x DEPTH	BOTTOM
UF-10	1'-0"xCONT"x2'-2"	(2)-#5 @ CONT.
UF-15A	1'-6"xCONT"x1'-0"	(2)-#5 @ CONT. #4 @ 48" O.C. TRANSVERSE
UF-20	2'-0"xCONT"x2'-2"	(2)-#5 @ CONT. #4 @ 48" O.C. TRANSVERSE
UF-20A	2'-0"xCONT"x1'-0"	(3)-#5 @ CONT. #4 @ 48" O.C. TRANSVERSE
F-25A	2'-6"x2'-6"x1'-0"	(3)-#5 EA WAY
F-25	2'-6"x2'-6"x1'-0"	(3)-#5 EA WAY



1 FOUNDATION PLAN
SCALE: N.T.S.

ISSUE HISTORY

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

No.	Date	Description
-	-	-



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BY WIND, LIVE AND GRAVITY LOADS.
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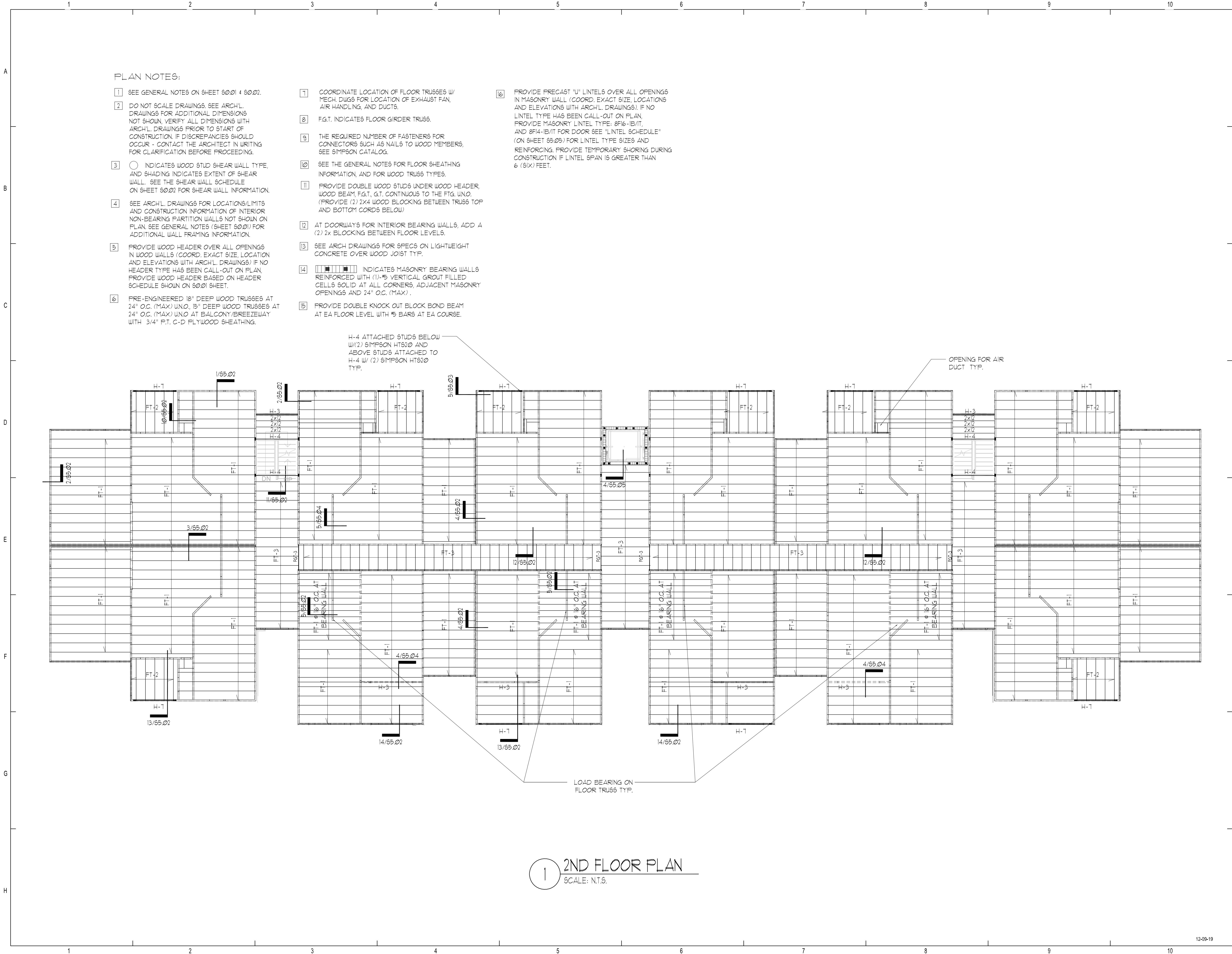
Minsheng Xie P.E.
Florida No. 51161

THE ROBERT

FT. MYERS, FL

BUILDING TYPE 3
FOUNDATION PLAN

S3.01



PLAN NOTES:

- 1 SEE GENERAL NOTES ON SHEET S0001 & S0002.
- 2 DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3 ○ INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET S0002 FOR SHEAR WALL INFORMATION.
- 4 SEE ARCH'L. DRAWINGS FOR LOCATIONS/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES (SHEET S0001) FOR ADDITIONAL WALL FRAMING INFORMATION.
- 5 PROVIDE WOOD HEADER OVER ALL OPENINGS IN WOOD WALLS (COORD. EXACT SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRAWINGS) IF NO HEADER TYPE HAS BEEN CALL-OUT ON PLAN. PROVIDE WOOD HEADER BASED ON HEADER SCHEDULE SHOWN ON S0001 SHEET.
- 6 PRE-ENGINEERED 18" DEEP WOOD TRUSSES AT 24" O.C. (MAX) UNO, 15" DEEP WOOD TRUSSES AT 24" O.C. (MAX) UNO AT BALCONY/BREEZEWAY WITH 3/4" P.T. C-D PLYWOOD SHEATHING.

- 7 COORDINATE LOCATION OF FLOOR TRUSSES W/ MECH. DUCTS FOR LOCATION OF EXHAUST FAN, AIR HANDLING, AND DUCTS.
- 8 F.G.T. INDICATES FLOOR GIRDER TRUSS.
- 9 THE REQUIRED NUMBER OF FASTENERS FOR CONNECTORS SUCH AS NAILS TO WOOD MEMBERS, SEE SIMPSON CATALOG.
- 10 SEE THE GENERAL NOTES FOR FLOOR SHEATHING INFORMATION, AND FOR WOOD TRUSS TYPES.
- 11 PROVIDE DOUBLE WOOD STUDS UNDER WOOD HEADER, WOOD BEAM, F.G.T., G.T. CONTINUOUS TO THE FTG. UNO. (PROVIDE (2) 2X4 WOOD BLOCKING BETWEEN TRUSS TOP AND BOTTOM CORDS BELOW)
- 12 AT DOORWAYS FOR INTERIOR BEARING WALLS, ADD A (2) 2x BLOCKING BETWEEN FLOOR LEVELS.
- 13 SEE ARCH. DRAWINGS FOR SPECS ON LIGHTWEIGHT CONCRETE OVER WOOD JOIST TYP.
- 14 ■■■■ INDICATES MASONRY BEARING WALLS REINFORCED WITH (1)-#5 VERTICAL GROUT FILLED CELLS SOLID AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 24" O.C. (MAX).
- 15 PROVIDE DOUBLE KNOCK OUT BLOCK BOND BEAM AT EA FLOOR LEVEL WITH #5 BARS AT EA COURSE.

- 16 PROVIDE PRECAST "U" LINTELS OVER ALL OPENINGS IN MASONRY WALL (COORD. EXACT SIZE, LOCATIONS AND ELEVATIONS WITH ARCH'L. DRAWINGS). IF NO LINTEL TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE MASONRY LINTEL TYPE: 8F16-1B/IT, AND 8F14-1B/IT FOR DOOR SEE "LINTEL SCHEDULE" (ON SHEET S0005) FOR LINTEL TYPE SIZES AND REINFORCING. PROVIDE TEMPORARY SHORING DURING CONSTRUCTION IF LINTEL SPAN IS GREATER THAN 6 (6X) FEET.

H-4 ATTACHED STUDS BELOW W/ (2) SIMPSON HT520 AND ABOVE STUDS ATTACHED TO H-4 W/ (2) SIMPSON HT520 TYP.

OPENING FOR AIR DUCT TYP.

LOAD BEARING ON FLOOR TRUSS TYP.

1 2ND FLOOR PLAN
SCALE: N.T.S.

CITY OF FORT MYERS
THIS PLAN REVIEWED FOR SUBSTANTIAL CODE COMPLIANCE WITH ALL APPLICABLE CODES.
DATE APPROVED: 06/17/20
PERMIT NUMBER: BL2020-00848
PROPERTY ADDRESS: 3815 OLD BERRY POINT
JOB DESCRIPTION: New construction of a 3 story apartment building that includes 77 units of 41 units and 6 direct entry direct entry garage units. The building is a 3 story building.

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

No.	Date	Description
-	-	-
-	-	-
-	-	-
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-	-	-
-	-	-
-	-	-



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Certificate of Authorization No. 25873

Minghang Xie P.E.
Florida No. 51161

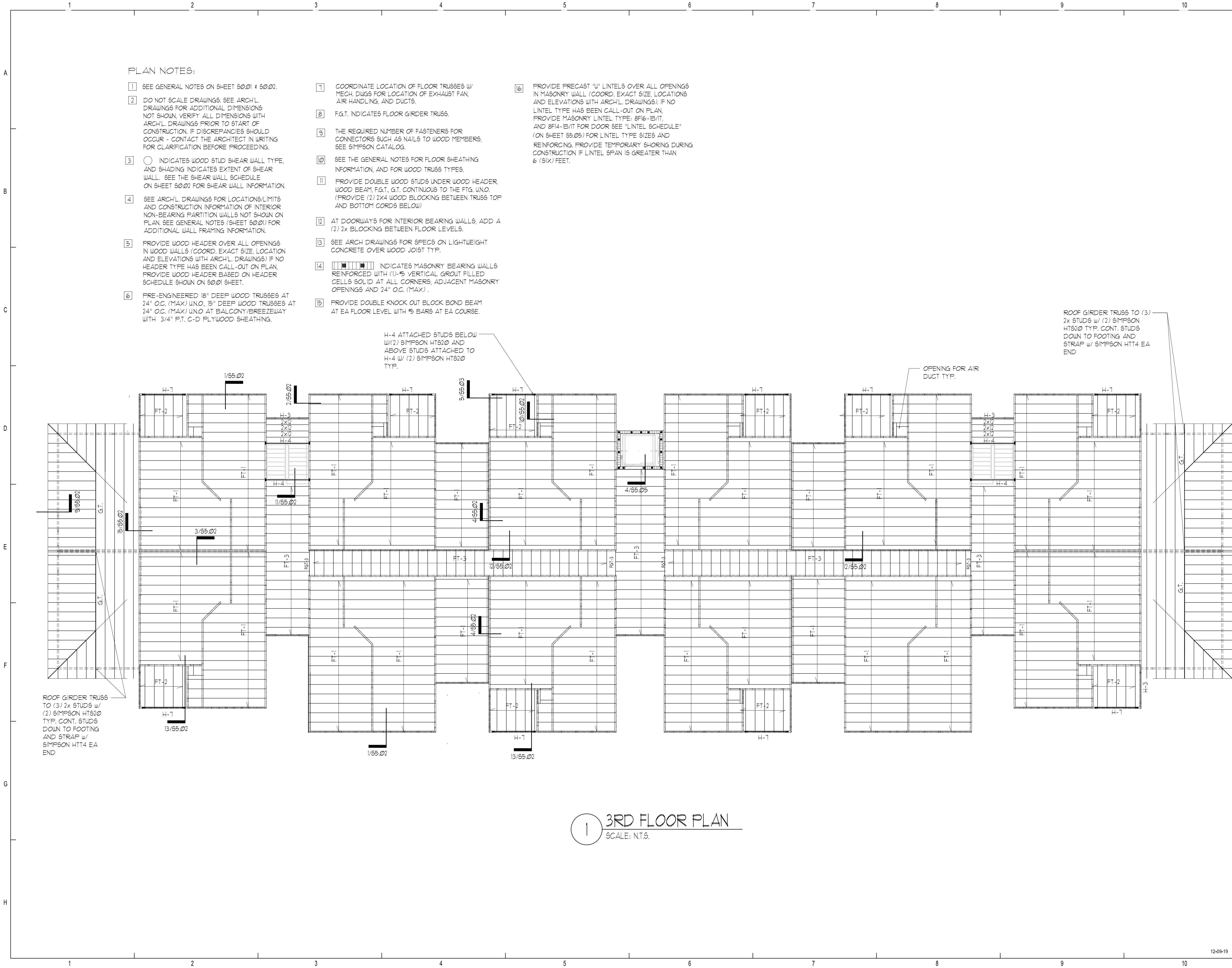
THE ROBERT

FT. MYERS, FL

BUILDING TYPE 3
2ND FLOOR FRAMING PLAN

S3.02

PLOTTED:



PLAN NOTES:

- 1 SEE GENERAL NOTES ON SHEET 50.01 & 50.02.
- 2 DO NOT SCALE DRAWINGS. SEE ARCH'L. DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L. DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3 ○ INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET 50.02 FOR SHEAR WALL INFORMATION.
- 4 SEE ARCH'L. DRAWINGS FOR LOCATIONS/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES (SHEET 50.01) FOR ADDITIONAL WALL FRAMING INFORMATION.
- 5 PROVIDE WOOD HEADER OVER ALL OPENINGS IN WOOD WALLS (COORD. EXACT SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRAWINGS) IF NO HEADER TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE WOOD HEADER BASED ON HEADER SCHEDULE SHOWN ON 50.01 SHEET.
- 6 PRE-ENGINEERED 18" DEEP WOOD TRUSSES AT 24" O.C. (MAX) UNO, 15" DEEP WOOD TRUSSES AT 24" O.C. (MAX) UNO AT BALCONY/BREEZEWAY WITH 3/4" P.T. C-D PLYWOOD SHEATHING.
- 7 COORDINATE LOCATION OF FLOOR TRUSSES W/ MECH. DUCTS FOR LOCATION OF EXHAUST FAN, AIR HANDLING, AND DUCTS.
- 8 F.G.T. INDICATES FLOOR GIRDER TRUSSES.
- 9 THE REQUIRED NUMBER OF FASTENERS FOR CONNECTORS SUCH AS NAILS TO WOOD MEMBERS, SEE SIMPSON CATALOG.
- 10 SEE THE GENERAL NOTES FOR FLOOR SHEATHING INFORMATION, AND FOR WOOD TRUSS TYPES.
- 11 PROVIDE DOUBLE WOOD STUDS UNDER WOOD HEADER, WOOD BEAM, F.G.T., G.T. CONTINUOUS TO THE FTG. UNO. (PROVIDE (2) 2X4 WOOD BLOCKING BETWEEN TRUSS TOP AND BOTTOM CORDS BELOW)
- 12 AT DOORWAYS FOR INTERIOR BEARING WALLS, ADD A (2) 2x BLOCKING BETWEEN FLOOR LEVELS.
- 13 SEE ARCH. DRAWINGS FOR SPECS ON LIGHTWEIGHT CONCRETE OVER WOOD JOIST TYP.
- 14 [] INDICATES MASONRY BEARING WALLS REINFORCED WITH (1)-5 VERTICAL GROUT FILLED CELLS SOLID AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 24" O.C. (MAX).
- 15 PROVIDE DOUBLE KNOCK OUT BLOCK BOND BEAM AT EA FLOOR LEVEL WITH #5 BARS AT EA COURSE.
- 16 PROVIDE PRECAST "U" LINTELS OVER ALL OPENINGS IN MASONRY WALL. (COORD. EXACT SIZE, LOCATIONS AND ELEVATIONS WITH ARCH'L. DRAWINGS). IF NO LINTEL TYPE HAS BEEN CALL-OUT ON PLAN, PROVIDE MASONRY LINTEL TYPE: 8F16-1B/IT, AND 8F14-1B/IT FOR DOOR SEE "LINTEL SCHEDULE" (ON SHEET 55.05) FOR LINTEL TYPE SIZES AND REINFORCING. PROVIDE TEMPORARY SHORING DURING CONSTRUCTION IF LINTEL SPAN IS GREATER THAN 6 (SIX) FEET.

H-4 ATTACHED STUDS BELOW W/(2) SIMPSON HTS20 AND ABOVE STUDS ATTACHED TO H-4 W/ (2) SIMPSON HTS20 TYP.

OPENING FOR AIR DUCT TYP.

ROOF GIRDER TRUSS TO (3) 2x STUDS W/ (2) SIMPSON HTS20 TYP. CONT. STUDS DOWN TO FOOTING AND STRAP W/ SIMPSON HTT4 EA END

1 3RD FLOOR PLAN
SCALE: N.T.S.

CITY OF FORT MYERS
THIS PLAN REVIEWED FOR SUBSTANTIAL CODE COMPLIANCE WITH ALL APPLICABLE CODES.
DATE APPROVED: 06/17/20
PERMIT NUMBER: BL2020-00648
PROPERTY ADDRESS: 3815 OLD BERRY POINT
JOB DESCRIPTION: New construction of a 3 story apartment building that includes 77 units of 4, 5, and 6 direct entry direct entry garage units. The building prov

PERMIT REVIEW STAMP

ISSUE HISTORY		
No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

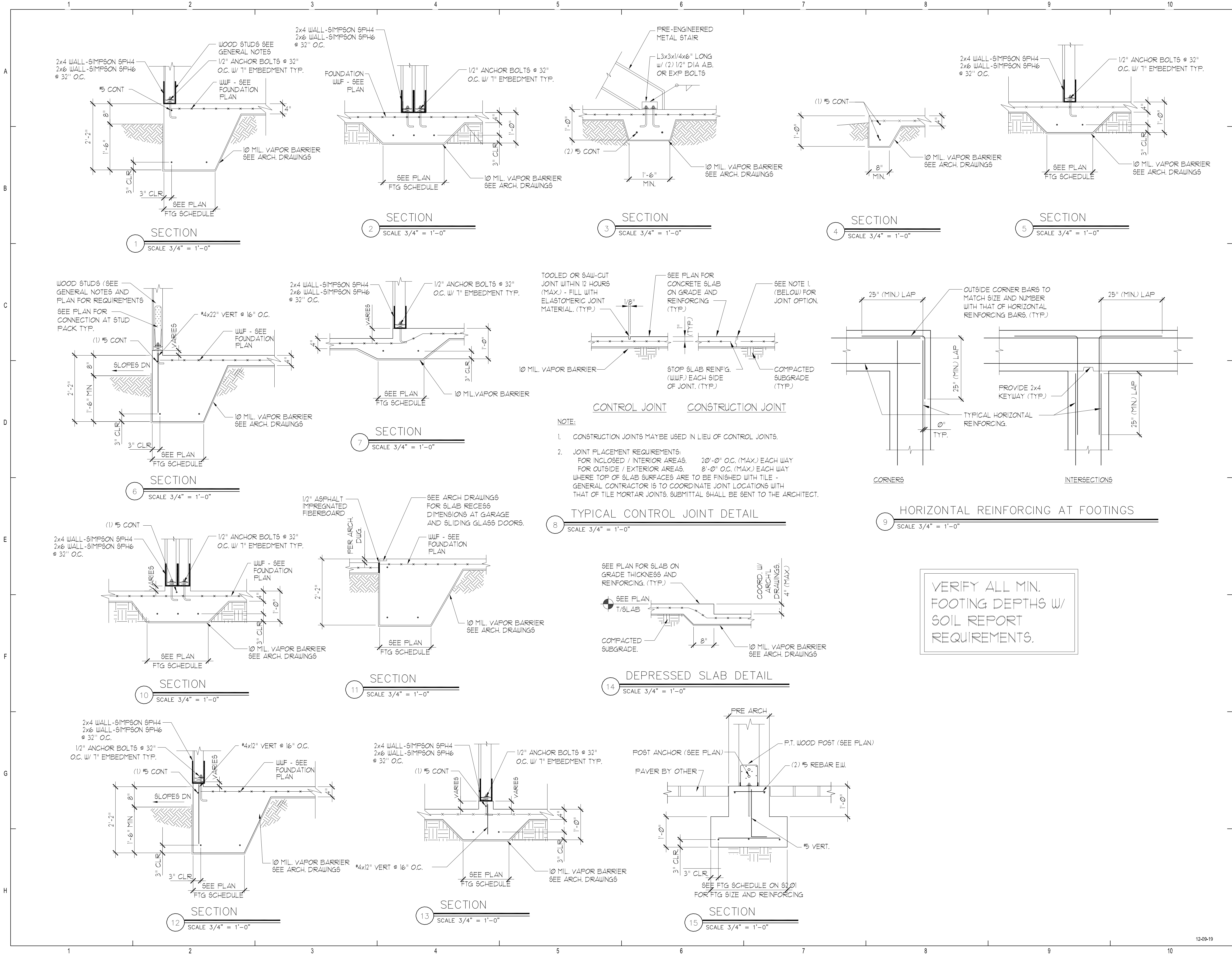
REVISION HISTORY		
No.	Date	Description

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CONSULTANT

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Certificate of Authorization No. Z5873
Minsheng Xia P.E.
Florida No. 51181

Drawn: CW
Checked: CW
Approval: MX
Date: 09/10/2019
Project #: 5592
THE ROBERT
FT. MYERS, FL
BUILDING TYPE 3
3RD FLOOR FRAMING PLAN
S3.03
PLOTTED:

PLOTTED:



CITY OF FORT MYERS

THIS PLAN REVIEWED FOR SUBSTANTIAL CODE COMPLIANCE WITH ALL APPLICABLE CODES.

DATE APPROVED: 06/17/20

PERMIT NUMBER: BL2020-00848

PROPERTY ADDRESS: 3815 OLD BERRY POINT

NEW CONSTRUCTION OF A 3 STORY APARTMENT BUILDING THAT INCLUDES 27 UNITS OF 1 AND 2 BEDROOMS, 10 GARAGE UNITS, AND 6 DIRECT ENTRY DIRECT ENTRY GARAGE UNITS. THE BUILDING IS PROPOSED.

ISSUE HISTORY		
No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET
REVISION HISTORY		
No.	Date	Description
-	-	-

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BR569

CONSULTANT

THE ROBERT

FT. MYERS, FL

SECTION AND DETAILS

BLDG TYPES 1, 2 & 3

S5.01

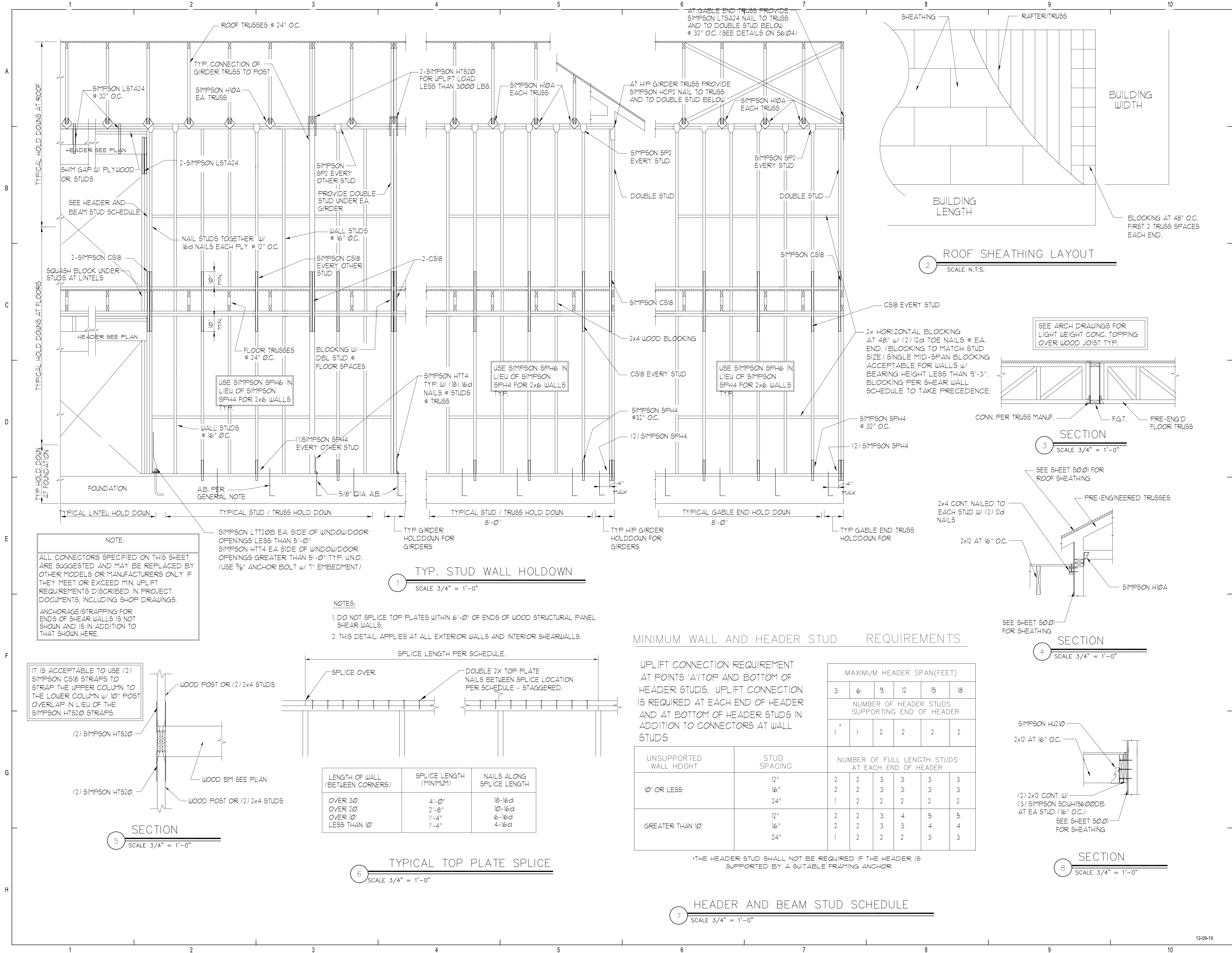
Drawn: CW

Checked: CW

Approval: MK

Date: 09/10/2019

Project #: 5592



CITY OF FORT MYERS
THIS PLAN REVIEWED FOR SUBSTANTIAL CODE CONFORMANCE WITH ALL APPLICABLE CODES.
DATE APPROVED: 06/17/20
PERMIT NUMBER: BLD2020-00648
PROPERTY ADDRESS: 3815 OLD BERRY POINT
JOB DESCRIPTION: New construction of a 3 story apartment building that includes 27 units of 1, 2 and 3 bedrooms and 6 direct entry direct entry garage units. The building is precast.

PERMIT REVIEW STAMP

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

No.	Date	Description
-	-	-

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CONSULTANT

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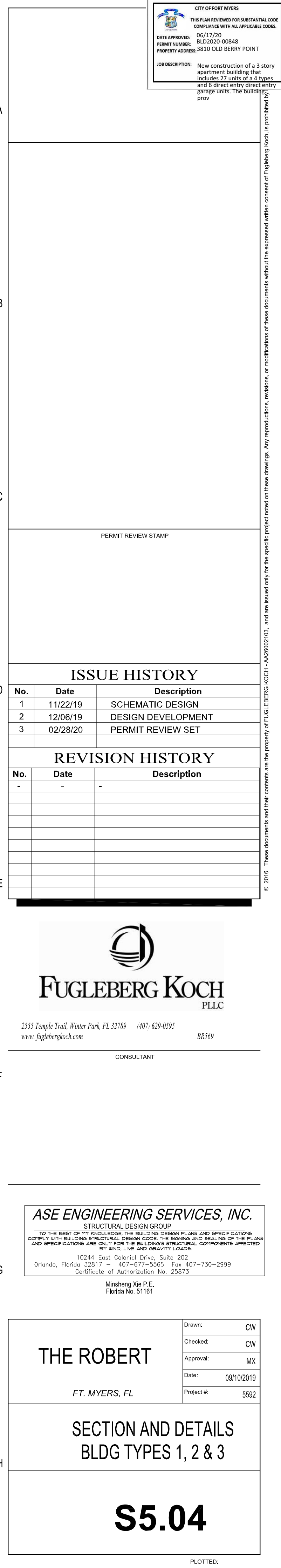
THE ROBERT
FT. MYERS, FL

Drawn:	CW
Checked:	CW
Approval:	MX
Date:	09/10/2019
Project #:	5592

SECTION AND DETAILS
BLDG TYPES 1, 2 & 3

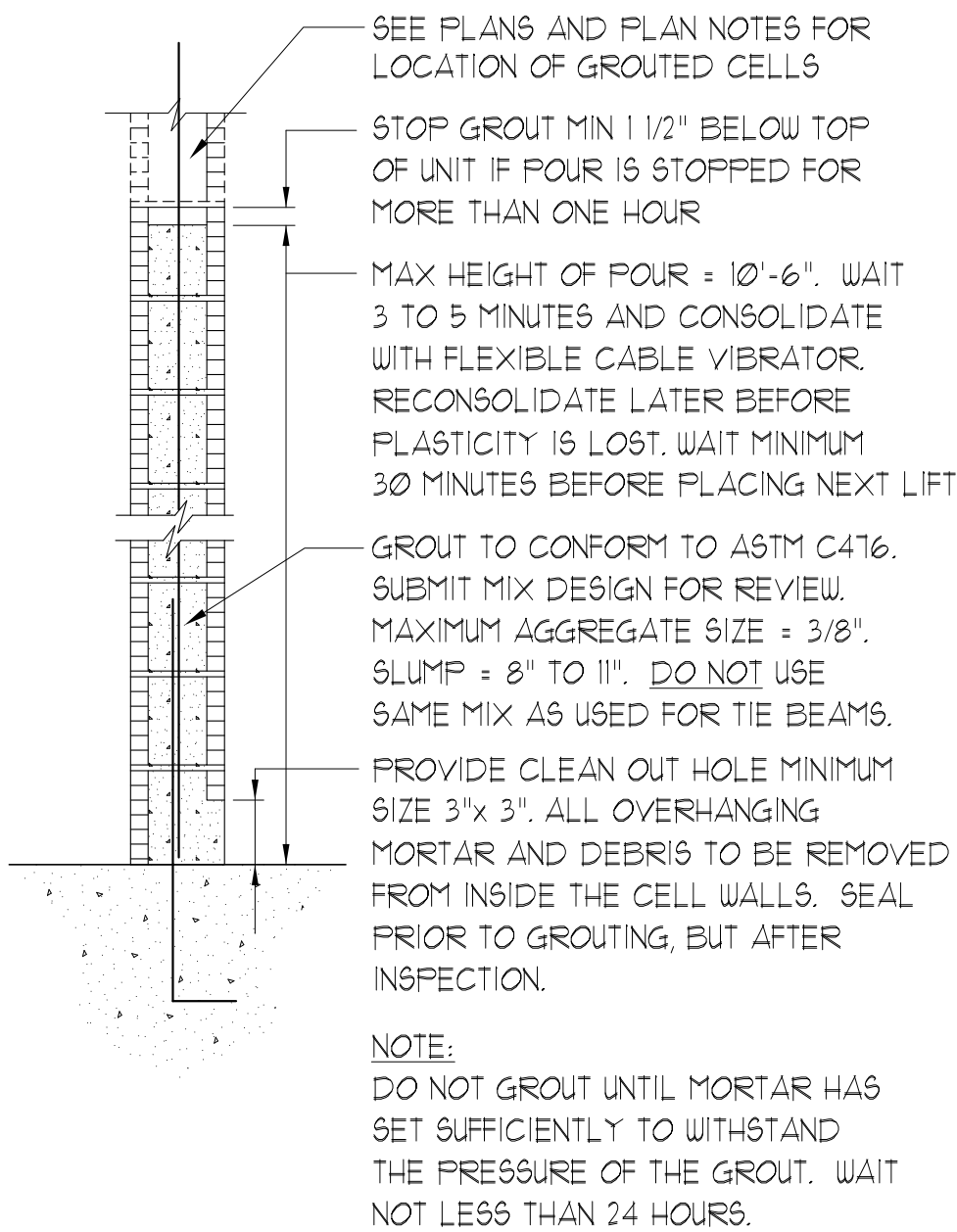
S5.03

12-09-19
PLOTTED:



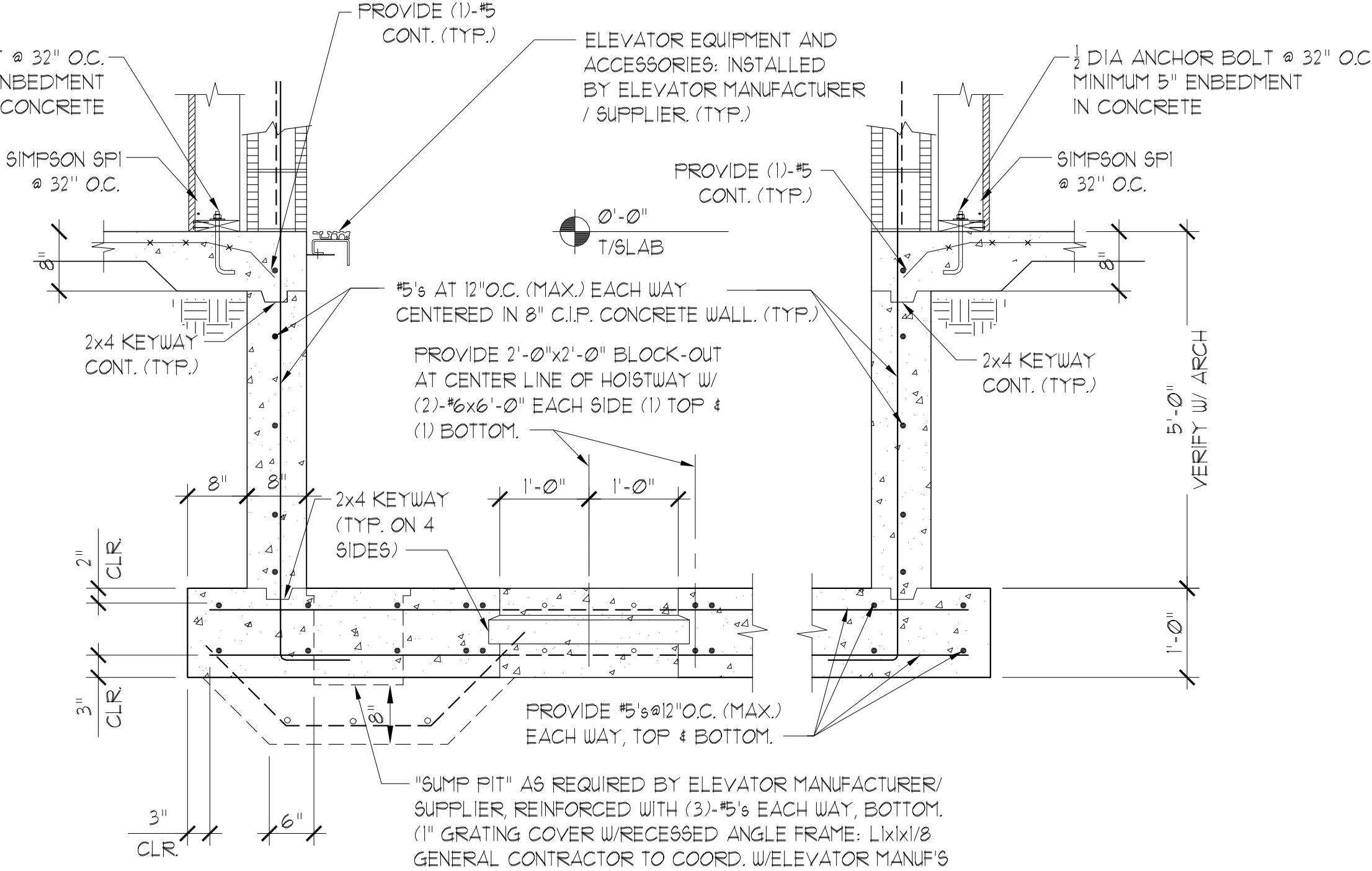
MASONRY WALL CONSTRUCTION

- A. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (F'm = 1500 PSI).
- B. MORTAR SHALL BE TYPE M OR S, CONFORMING TO ASTM C270.
- C. COURSE GROUT SHALL CONFORM TO ASTM C416 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- D. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH CELLS FILLED WITH COARSE GROUT.
- E. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 4'-0". REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL WITH DURO-WAL BAR POSITIONER D/A 811 TYPICAL UNLESS OTHERWISE NOTED. SEE TYPICAL GROUTING DETAILS FOR ADDITIONAL INFORMATION.
- F. REINFORCING STEEL SHALL BE LAPPED MINIMUM 48 BAR DIAMETERS WHERE SPLICED UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- G. HORIZONTAL WALL REINFORCEMENT SHALL BE STANDARD LADDER TYPE DUR-O-WAL AT 16" O.C., UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- H. SPLICED WIRE REINFORCEMENT SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT WITHIN THE 6". LAP WITH STANDARD 'T' AND 'L' SHAPED PIECES AT INTERSECTIONS AND CORNERS.
- I. FOUNDATION DOWELS SHALL BE POSITIONED SUCH THAT IT IS ALIGNED WITH THE CENTER OF THE MASONRY UNIT'S VERTICAL CORE AND GROUTED SOLID. SHOULD THE FOUNDATION DOWEL NOT ALIGN WITH THE MASONRY UNIT'S VERTICAL CORE - NOTIFY THE ARCHITECT / STRUCTURAL ENGINEER FOR DIRECTION ON HOW TO CORRECT THE MIS ALIGNMENT.
- J. PROVIDE PRECAST CONCRETE LINTELS OVER ALL OPENINGS UNLESS NOTED OTHERWISE ON DRAWINGS. LINTELS SHALL BE OF SUFFICIENT SIZE AND REINFORCEMENT FOR THE GIVEN SPANS AND LOADING CONDITIONS. SUBMIT SHOP DRAWINGS WITH RATED LOAD CAPACITIES TO THE ARCHITECT FOR REVIEW.
- K. PROVIDE A KNOCK OUT BLOCK OR U-BLOCK REINFORCED WITH (1)-#5 CONTINUOUS AT THE SILL OF ALL WINDOW OPENINGS. EXTEND 8" BEYOND EACH SIDE OF THE OPENING TYPICALLY.



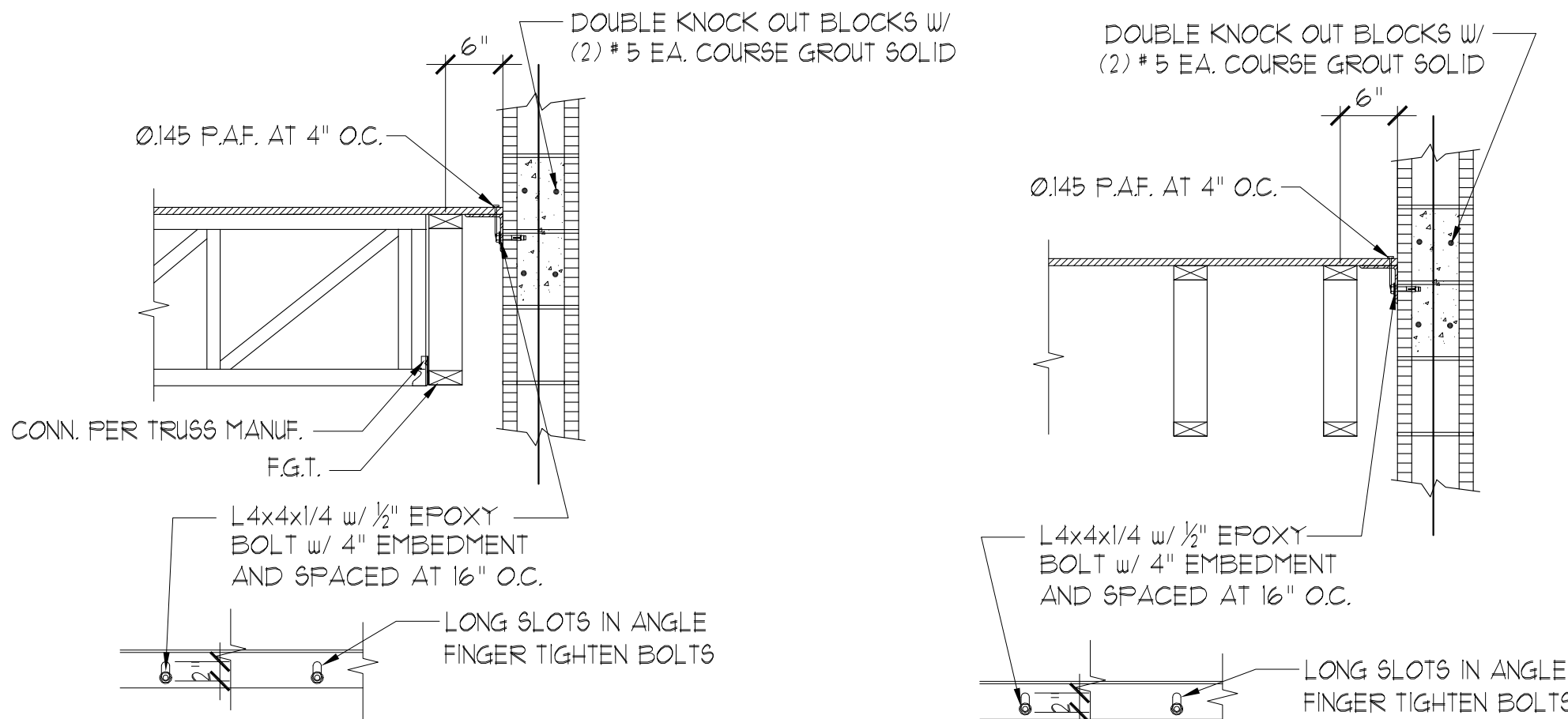
1 GROUTING SECTION
TYPICAL HIGH LIFT

SCALE: N.T.S.



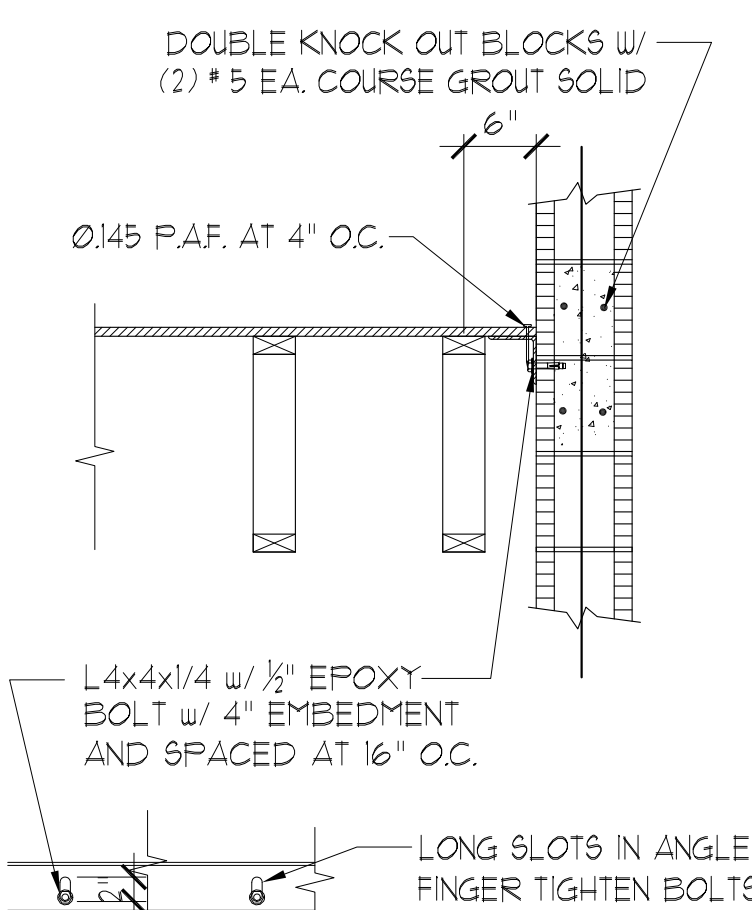
2 ELEVATOR PIT DETAIL

SCALE 3/4" = 1'-0"



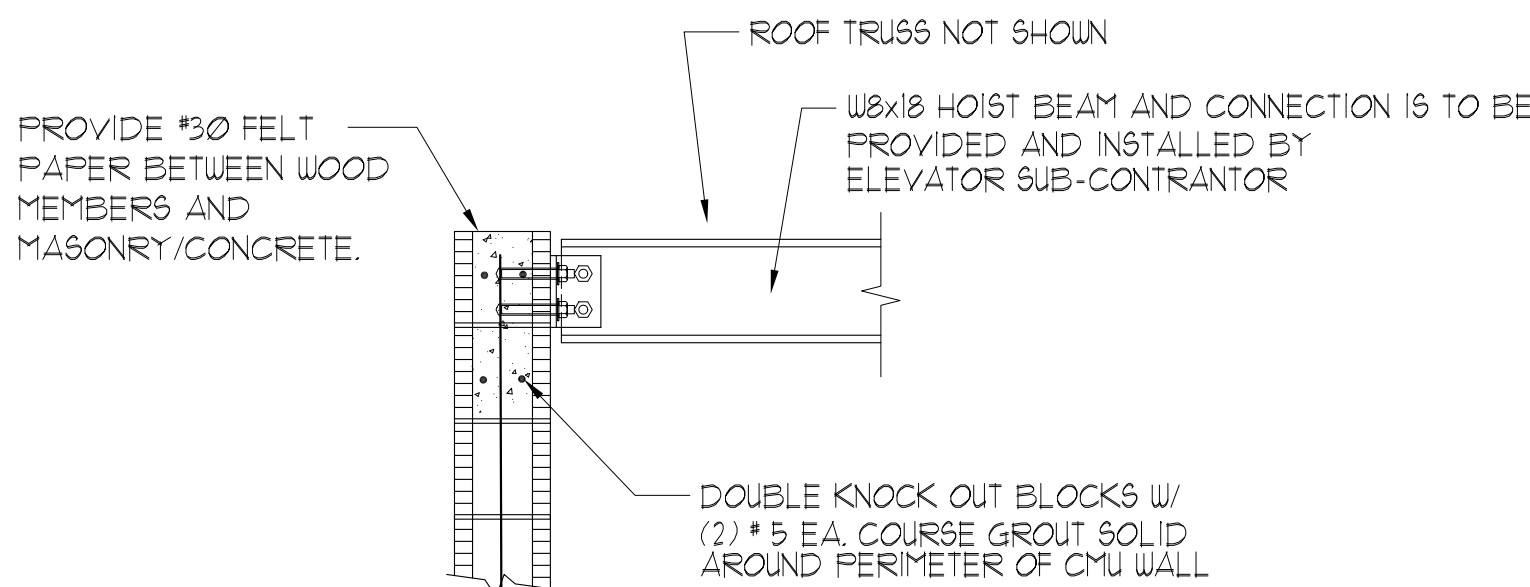
3 SECTION

SCALE 3/4" = 1'-0"



4 SECTION

SCALE 3/4" = 1'-0"



5 SECTION

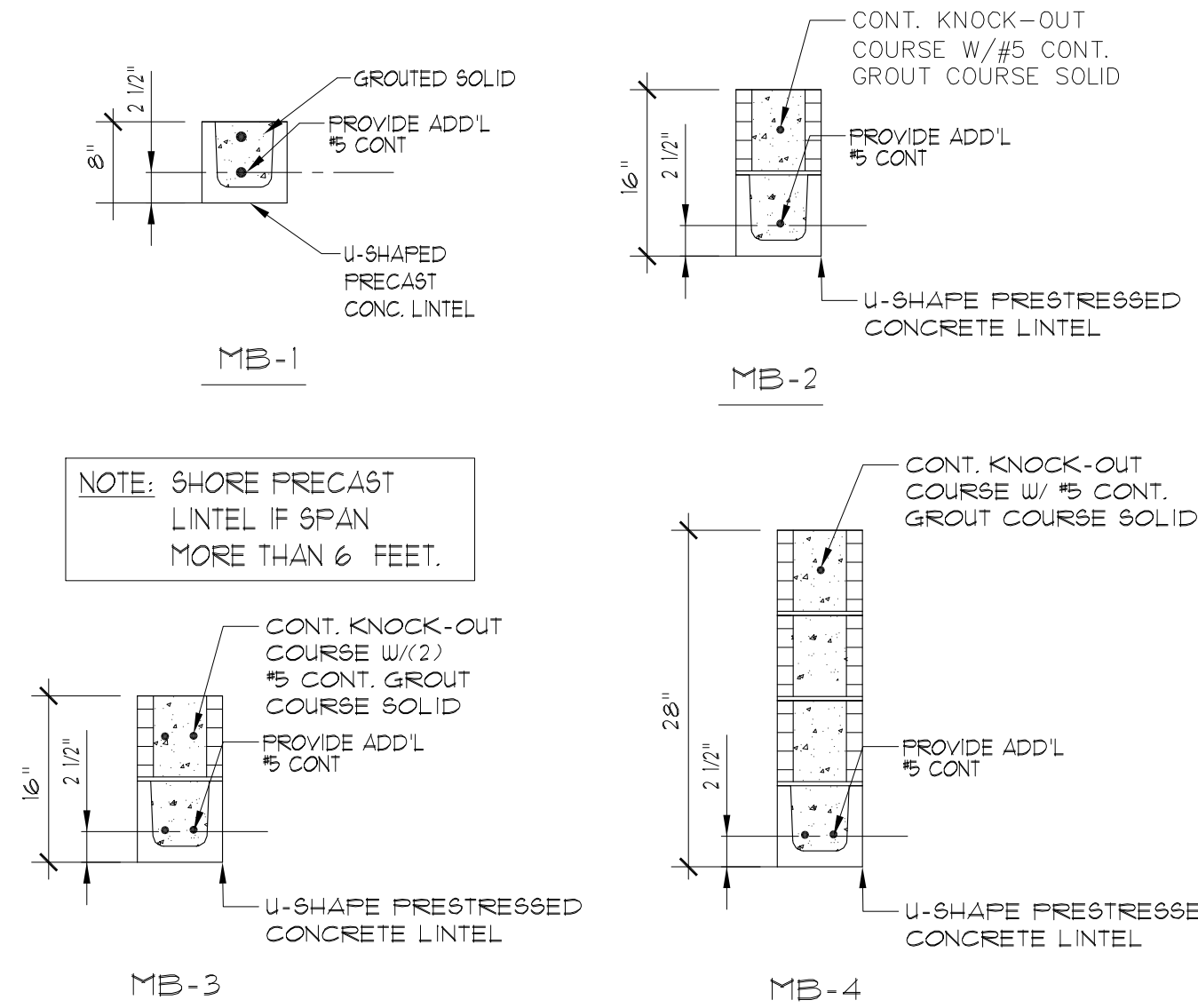
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MASONRY LINTEL SCHEDULE
(CAST-CRETE LINTEL)

MARK	LENGTH (L)	CAST-CRETE MARK	REMARK
MB-1	2' - 10" ± L ± 5" - 10"	8F16-2B/1T PRECAST	
MB-2	5' - 10" ± L ± 14" - 0"	8F16-1B/1T PRECAST	
MB-3	14' - 0" ± L ± 21" - 4"	8F16-1B/1T PRESTRESSED	
MB-4	14' - 0" ± L ± 21" - 4"	8F28-2B/1T PRESTRESSED	

1. PROVIDE MASONRY LINTEL OVER ALL OPENINGS. IF NO LINTEL IS SPECIFIED, PROVIDE MB-2.
2. PROVIDE MINIMUM END BEARING OF 8". CUT OUT BOTTOM OF LINTEL AT END TO ALLOW CONTINUATION OF FILLED CELL REINFORCING.
3. MASONRY LINTEL SUBSTITUTIONS MUST BE APPROVED BY "ADVANCED STRUCTURAL ENGINEERING" PRIOR TO INSTALLATION.

NOTE: SHORE PRECAST "U" LINTELS PER MANUFACTURER'S RECOMMENDATIONS.



6 MASONRY LINTEL SCHEDULE

SCALE: N.T.S.

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

REVISION HISTORY

No.	Date	Description
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Certificate of Authorization No. 25873

Minghang Xie P.E.
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THE ROBERT

FT. MYERS, FL

SECTION AND DETAILS
BLDG TYPES 1, 2 & 3

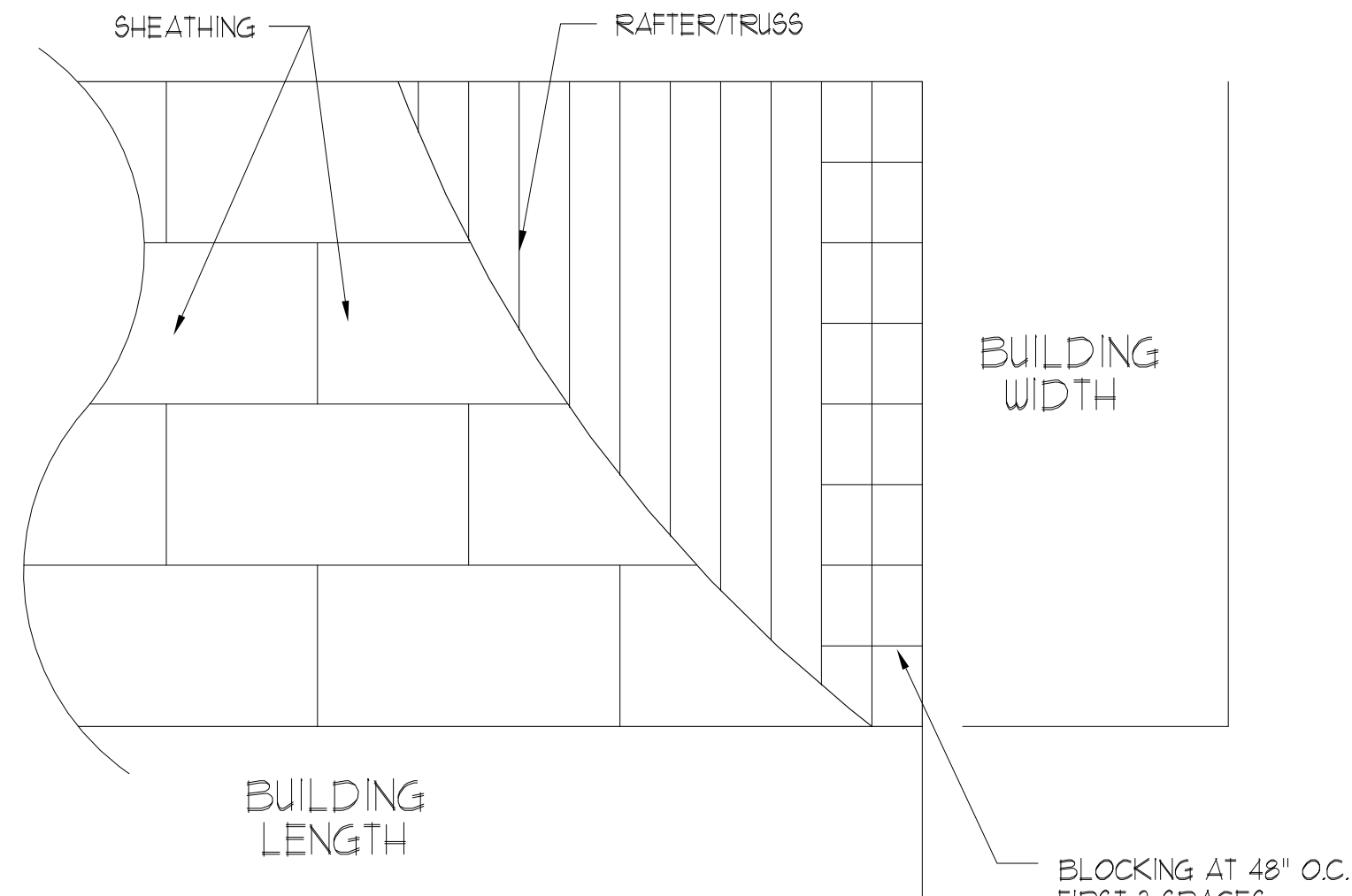
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12-09-19

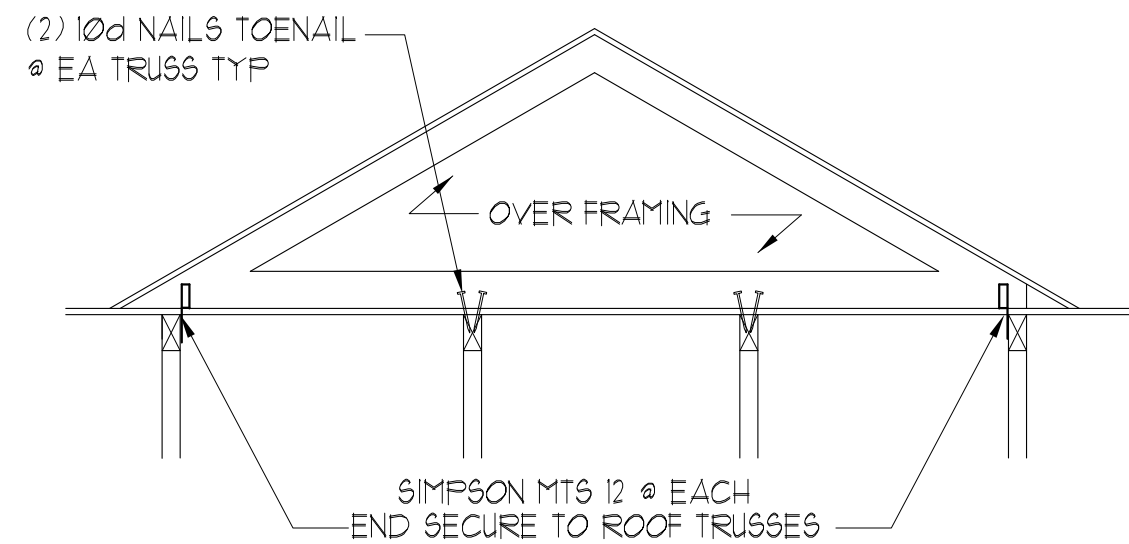
PLOTTED:

CONNECTOR SCHEDULE SIMPSON					
#	SIMPSON OR EQUAL	FASTENERS	UPLIFT(lbs.)	WOOD TO:	USP
1	H10	(8) 8d	990	WOOD	N/A
2	HTS20	(24) 10d x 1-1/2	1450	WOOD	HTW20
3	LTS12	(12) 10d x 1-1/2	775	WOOD	LTW12
4	H3	(4) 8d	455	WOOD	RT7
5	LTT20B	(10) 16d INTO STUDS	1750 (NAILS)	CONCRETE, WOOD	LTS20B
6	HTT16	(18) 16d	4175 (NAILS)	CONCRETE, WOOD	HTT16
7	SP-1 SP-4	(10) 10d (6) 10d x 1-1/2	585 735	WOOD (BOTT OF STUD) WOOD (TOP OF STUD)	SPT22 SPT4
7	THA/THAC TYP	PER SIMPSON CATALOG	PER SIMPSON CATALOG	SELECTION BASE ON TRUSS WIDTH AND HEIGHT	MSH TYP
8	CS16	(22) 10d	1650	11" MIN AT EA END FOR WOOD	RS150
9	MAS	(6) 10d x 1-1/2	1005	SLAB, STEMWALL	FA3
10	HCP2 HCP4	(12) 10d x 1-1/2 (16) 10d	605 1000	FOR 2x MEMBER FOR 4x MEMBER	N/A N/A
11	A35	(12) 8d x1 1/2	450 SHEAR	WOOD	MPA1
12	CC44, ECCU44 CC66, ECCU66	(4) 5/8d BOLTS (6) 5/8d BOLTS	1465 (UPLIFT) 3660 (UPLIFT)	ECCU44 AT BEAM END ECCU66 AT BEAM END	KCC44, KECCU44 KCC66, KECCU66
13	PC/EPC TYP	PER SIMPSON CATALOG	PER SIMPSON CATALOG	SELECTION BASE ON POST AND BEAM WIDTH	PCM/EPCM TYP
14	ECCLL44 ECCLL66	BOLTS AS REQ	1465 (UPLIFT) 3660 (UPLIFT)	ECCLL44 FOR 4x4 POST ECCLL66 FOR 6x6 POST	KECCLL44 KECCLL66
15	ABU44 ABU66	(12) 16d 5/8 ANCHOR BOLT	2200	ABU44 FOR 4x4 POST ABU44 FOR 4x4 POST	PAU44 PAU66
16	HUC410	(18) 16d FOR WOOD	1510	CONCRETE, MASONRY, WOOD FOR 4x10 BM	HD410IF
17	HUC412	(22) 16d FOR WOOD	1510	CONCRETE, MASONRY, WOOD FOR 4x12 BM	HD412IF
18	LUS TYP	PER SIMPSON CATALOG	PER SIMPSON CATALOG	LUS24 FOR 2x6, LUS26 FOR 2x8, LUS28 FOR 2x10, ETC.	JUS TYP

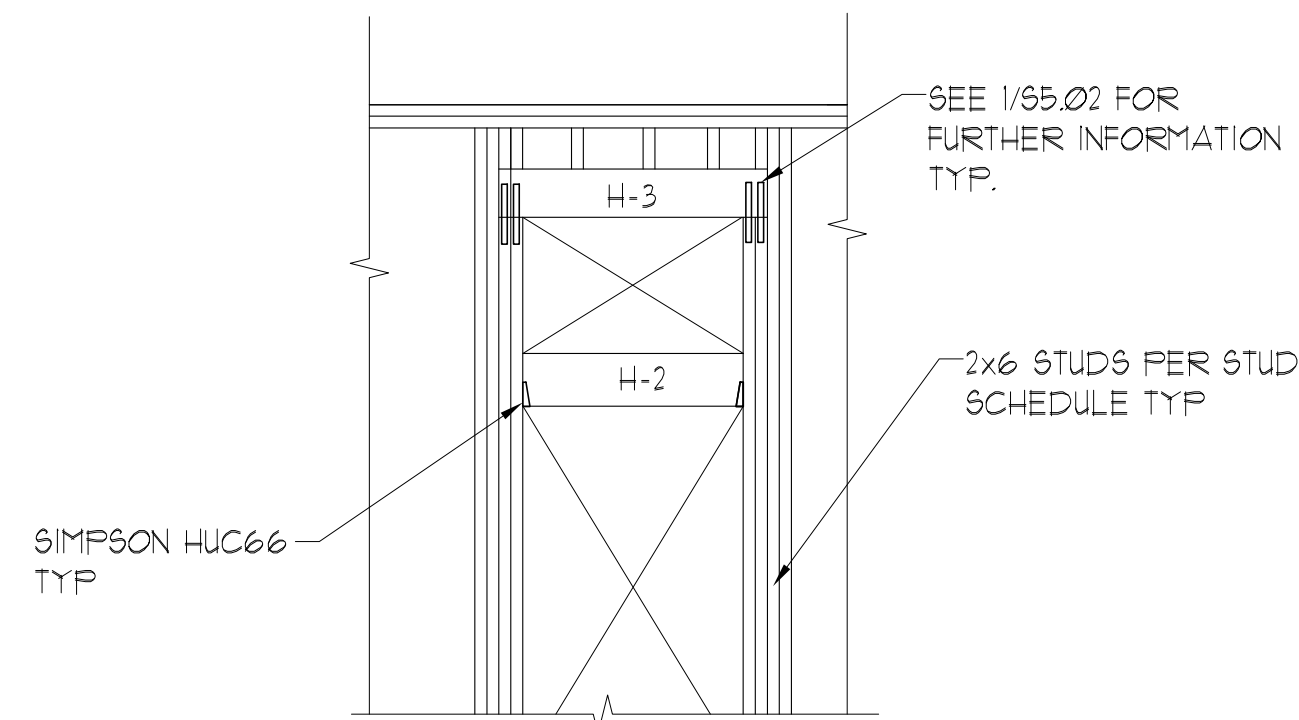
NOTE: USE TRUSS SHOP DRAWINGS TO DETERMINE UPLIFT REQUIREMENTS, PROVIDE TRUSS ANCHOR THAT PROVIDES AN UPLIFT CAPACITY EQUAL TO OR GREATER THAN THE UPLIFT INDICATED ON THE TRUSS SHOP DRAWINGS. INSTALL ALL TRUSS ANCHORS PER THE MANUFACTURER'S REQUIREMENTS.



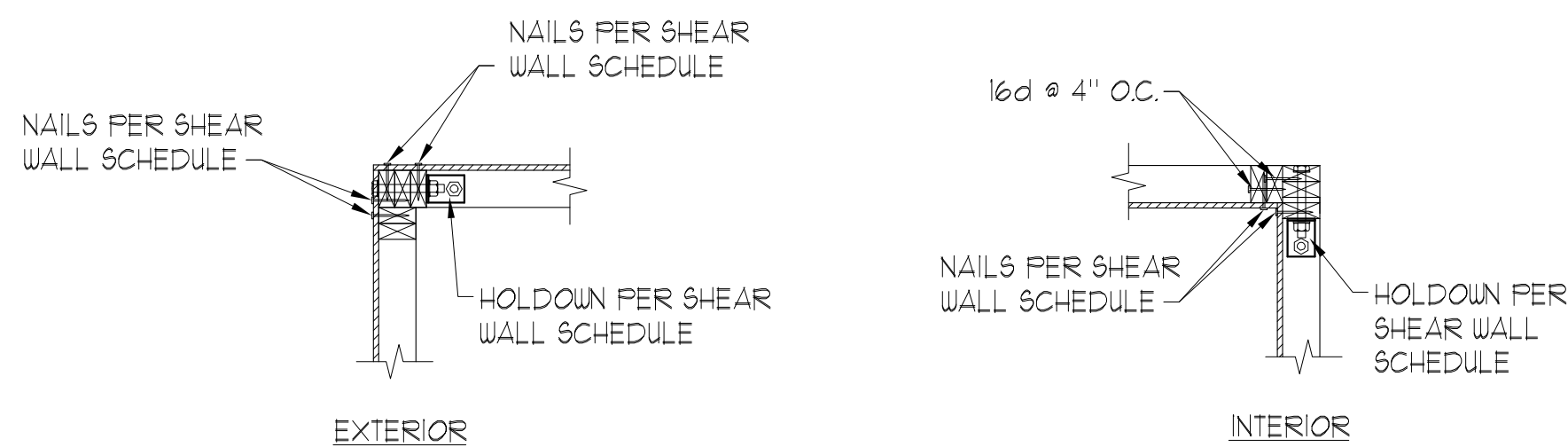
1 ROOF SHEATHING LAYOUT
SCALE N. T. S.



4 STRAP OVER FRAMING
SCALE N. T. S.



5 TYP TRANSOM DETAIL



2. TYP. HOLDOWN ARRANGEMENTS AT CORNER
SCALE 3/4" = 1'-0"

SHEARWALL SCHEDULE							
TYPE	SHEATHING	SHEATHING NAILING	FND CONN EACH END OF WALL				FND SOLE PLATE ATTACHMENT
	FND-ROOF	FND-ROOF	CONNECTOR	FND BOLT-12" EMBED DBL NUT EA END	ATTACH TO STUDS	REQ'D STUDS AT END OF WALL	
①	1/2" C-DX PLYWOOD OR OSB *1	8d NAILS @ 4' O.C.	HD5B	3/4" DIA	(2) 3/4" DIA	(3) 2x6 OR WD POST	1/2" DIAx 7' EMB. A. BOLTS @ 32' O.C.
②	5/8" GYPSUM WALL BOARD	6d COOLER NAILS @ 7' O.C.	HD5B	3/4" DIA	(2) 3/4" DIA	(2) 2x4	1/2" DIAx 7' EMB. A. BOLTS @ 32' O.C.

*1 SHEATH EXTERIOR FACE WITH PLYWOOD SCHEDULED, AND THE INTERIOR FACE OF STUDS AS SPECIFIED IN THE GENERAL NOTES FOR INTERIOR WALLS.

NOTES:

- 1 ALL HD AND CS FASTENERS ARE AS MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, INC, OR EQUAL.
- 2 WHERE SCHEDULED ADDITIONAL STUDS AT THE ENDS OF SHEAR WALLS ARE INTERRUPTED AT TRUSS BEARING, PROVIDE SOLID BLOCKING IN THE TRUSS SPACE TO MATCH THE STUDS SCHEDULED FOR THE LOWER FLOOR.
- 3 WHERE SCHEDULED SHEATHING CANNOT EXTEND FULL HEIGHT OF WALL, PROVIDE SHEATHING OR BLOCKING BETWEEN FLOOR TRUSSES AT ALL SHEARWALLS.
- 4 SHEATHING SHALL EXTEND FULL HEIGHT OF SHEARWALLS. STAGGER SHEATHING HORIZONTAL JOINTS SO THEY DO NOT FALL AT HORIZONTAL JOINT BETWEEN DOUBLE TOP PLATES.
- 5 WHEREVER THE SHEATHING OF A SHEAR WALL IS INTERRUPTED (I.E. BY AN INTERSECTING WALL) IN THE VERTICAL PLANE, THE SCHEDULED 'ADD'L STUD AT END OF WALL' AND HOLDDOWN ANCHORS SHALL BE PROVIDED AT THE END OF THE SHEATHING (ONE EACH SIDE OF THE INTERRUPTION). THE QUANTITY OF SHEARWALL CALLOUTS ON THE PLANS MAY NOT ACCURATELY REFLECT THE NUMBER OF HOLDDOWNS REQUIRED BECAUSE OF THIS. THE CONTRACTOR MUST FIRST DETERMINE WHERE THE SHEARWALL SHEATHING WILL BE INTERRUPTED BEFORE DETERMINING THE NUMBER HOLDDOWNS REQUIRED.
- 6 WHERE BOLTS ARE CALLED OUT FOR HOLDDOWN ANCHORS, THE BOLTS SHALL BE THROUGH BOLTS CONFORMING TO ASTM A307.
- 7 7/16" D.S.B. MAY BE USED IN LIEU OF THE 1/2" C-DX PLYWOOD SHEATHING.
- 8 ANCHOR BOLTS SHALL ALL HAVE 3" HOOKS. A36 ALL THREAD RODS, DRILLED AND EPOXY GROUTED INTO FOOTINGS, MAY BE SUBSTITUTED FOR ANCHOR BOLTS CAST IN PLACE. ALL THREAD RODS SHALL HAVE SAME EMBEDMENT DEPTH AS ANCHOR BOLTS.

ISSUE HISTORY		
No.	Date	Description
1	11/22/19	SCHEMATIC DESIGN
2	12/06/19	DESIGN DEVELOPMENT
3	02/28/20	PERMIT REVIEW SET

[illegible]

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<h1>THE ROBERT</h1> <p><i>FT. MYERS, FL</i></p>	Drawn:	CW
	Checked:	CW
	Approved:	ML
	Date:	09/10/11
	Project #:	5509

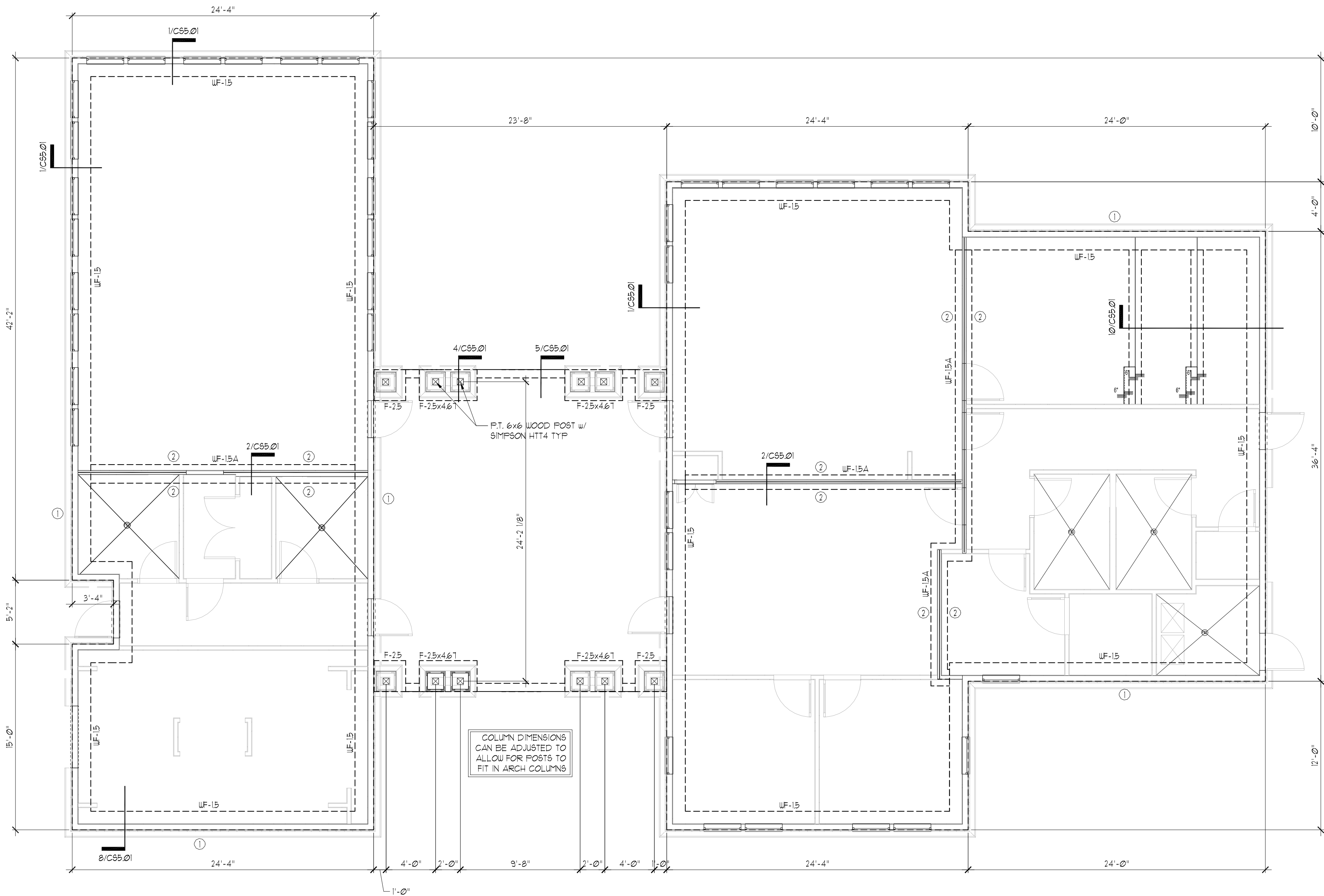
GENERAL NOTES AND SCHEDULES

CS1.02

PLAN NOTES:

- SEE GENERAL NOTES ON SHEET CS1.01.
- DO NOT SCALE DRAWINGS. SEE ARCH'L DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS WITH ARCH'L DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR - CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 4" (TOTAL) CONCRETE SLAB REINFORCED WITH 6x6" W/4xW/4 WUF. OVER 8 MIL VAPOR BARRIER ON COMPACTED SUBGRADE. COORDINATE ALL SLAB SLOPES, DEPRESSIONS AND LIMITS THERE OF WITH ARCH'L DRAWINGS (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE ARCH'L AND / OR CIVIL DRAWINGS)
- PRIOR TO CONCRETE PLACEMENT PROVIDE TERMITE SOIL TREATMENT WITH ONE YEAR WARRANTY AND FOUR ANNUAL INSPECTIONS AND RENEWALS. SEE ARCHITECTURAL SPECIFICATIONS.
- INDICATES WOOD STUD SHEAR WALL TYPE, AND SHADING INDICATES EXTENT OF SHEAR WALL. SEE THE SHEAR WALL SCHEDULE ON SHEET S1.01 FOR SHEAR WALL INFORMATION.
- THE MAX. SPACING OF CONTROL JOINT FOR ENCLOSURE SPACE SHALL BE 20'-0" O.C. AND FOR OPEN SPACE SHALL BE 8'-0" O.C.
- SEE ARCH'L DRAWINGS FOR LOCATIONS / LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES.
- COORDINATE ALL SLAB (TOPPING) SLOPES AND DEPRESSIONS WITH ARCH'L DRAWINGS. (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE ARCH'L DRAWINGS)
- SEE MECHANICAL DRAWINGS FOR LOCATION (ON PLANK) OF MECHANICAL UNITS, H.C. MANUFACTURER / SUPPLIER TO DESIGN FOR UNIT WEIGHT. AS REQUIRED VERIFY WEIGHTS WITH MECHANICAL DRAWINGS.
- USE HURRI-BOLT SYSTEM. SEE TYPICAL DETAIL 1/C66.03 FOR CONNECTION OF FOOTING TO WOOD STUD, TRUSS TO STUD WALL AND POST UNO.

FOOTING SCHEDULE		
MARK	SIZE	REINFORCEMENT BOTTOM
	WIDTH X LENGTH X DEPTH	
UF-15	1'-6"XCONTX26"	(2) 15% CONT. #4's @ 48" O.C. TRANSVERSE
UF-15A	1'-6"XCONTX12"	(2) 15% CONT. #4's @ 48" O.C. TRANSVERSE
F-25	2'-6"X2'-6"X26"	(3) 15% EA WAY
F-3.0A	3'-0"X3'-0"X12"	(3) 15% EA WAY
F-25x461	2'-6"X4'-8"X26"	(3) 15% EA WAY



1 FOUNDATION PLAN
Scale 3/16"=1'-0"

PERMIT REVIEW STAMP

ISSUE HISTORY

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REVISION HISTORY

No.	Date	Description
-	-	-



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THE ROBERT

FT. MYERS, FL

FOUNDATION
PLAN

CS 2.01

Drawn: CW
Checked: CW
Approved: MX
Date: 09/10/19
Project #: 5592

- 2) DO NOT SCALE DRAWINGS. SEE CIVIL DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN, VERIFY ALL DIMENSIONS WITH CIVIL DRAWINGS PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES SHOULD OCCUR – CONTACT THE CIVIL ENGINEER IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
- 3) 6" (TOTAL) CONCRETE SLAB (REINFORCED AS PER DETAIL 2/CS4.02) ON COMPACTED SUBGRADE. COORDINATE ALL SLAB SLOPES, DEPRESSIONS AND LIMITS THEREOF WITH CIVIL DRAWINGS (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE CIVIL DRAWINGS)
- 4) ■■■■■ INDICATES 8" MASONRY BEARING WALLS REINFORCED WITH (1)-#6 VERTICAL IN CONCRETE SOLID FILLED CELLS AT ALL CORNERS, ADJACENT MASONRY OPENINGS AND 8" O.C. (MAX).
- 5) THE MAX. SPACING OF CONTROL JOINT FOR ENCLOSURE SPACE SHALL BE 20'-0" O.C., AND FOR OPEN SPACE SHALL BE 8'-0" O.C..
- 6) SEE CIVIL DRAWINGS FOR LOCATIONS/ LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON PLAN. SEE GENERAL NOTES FOR ADDITIONAL WALL FRAMING INFORMATION.
- 7) COORDINATE ALL SLAB (TOPPING) SLOPES AND DEPRESSIONS WITH CIVIL DRAWINGS. (FOR ACTUAL TOP OF SLAB ELEVATIONS, SEE CIVIL DRAWINGS)
- 8) COORDINATE ALL ELECTRICAL, ELECTRICAL KEY SWITCH AND PLUMBING REQUIREMENTS WITH CIVIL PLANS.
- 9) COORDINATE PLANS AND ELEVATIONS WITH OWNER SELECTED EQUIPMENT.
- 10) COMPLY WITH APPLICABLE ACCESSIBILITY CODES, INCLUDING H.C. RAMPS AND HANDRAILS.
- 11) COLORS SELECTED BY OWNER.
- 12) SEE CIVIL DRAWINGS FOR BALANCE OF DESIGN ELEMENTS AND FINISHES TO BE CONSTRUCTED.
- 13) COMPACTOR BASIS OF DESIGN– VERIFY CAPACITY AND SPECIFIC MODEL WITH OWNER, FOR ENCLOSURE COORDINATION.
- 14) COORDINATE OPENING SILL HEIGHT AND PLACEMENT WITH OWNER SELECTED EQUIPMENT, COMPLY WITH APPLICABLE ACCESS AND USER SAFETY REQUIREMENTS AND COORDINATE LAYOUT AND PLACEMENT OF OWNER SELECTED EQUIPMENT WITH MANUFACTURERS DIMENSIONAL AND LOADING CRITERIA.
- 15) PROVIDE STEEL PLATES FOR COMPACTOR WHEELS EMBEDDED IN CONCRETE PER COMPACTOR SPECS.
- 16) GUARDRAIL AND HANDRAIL MUST PASS LOAD TEST
- 17) PROVIDE A 8" WIDE x 8" DEEP CAST-IN-PLACE UNREINFORCED OVER ALL OPENINGS IN THE CMU WALL w/ #5 REBAR CONT.



REVISION HISTORY		
No.	Date	Description

X'Y'00, General Algebra 17, Department of Statistical Science, University of California, Los Angeles, CA 90095-1554, U.S.A.

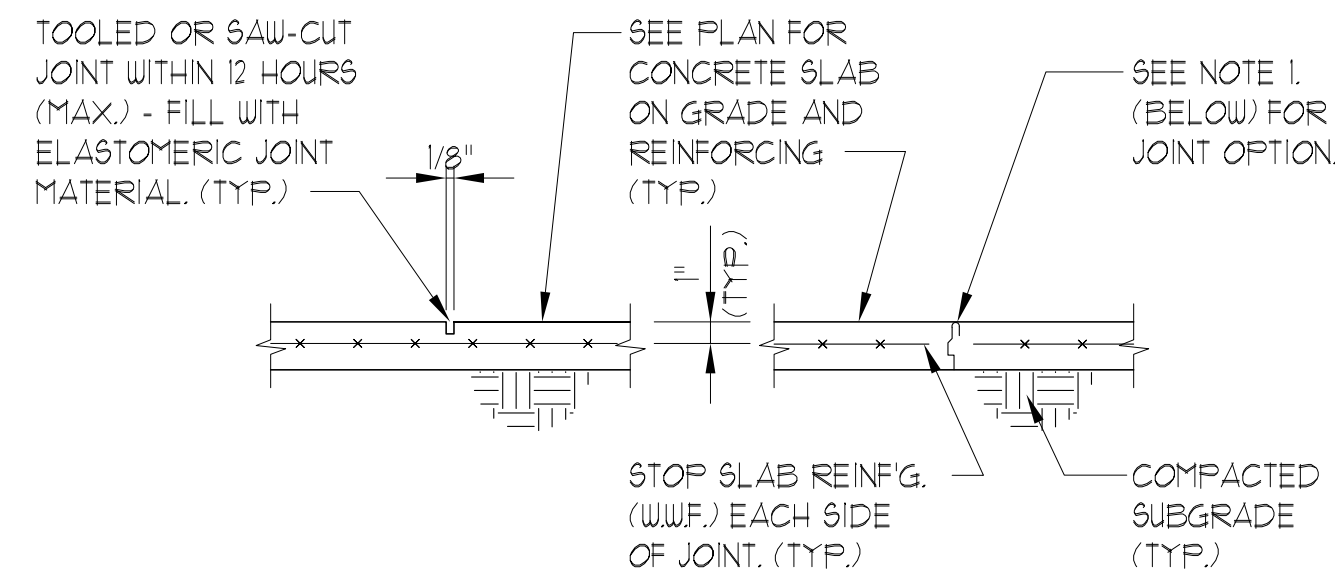
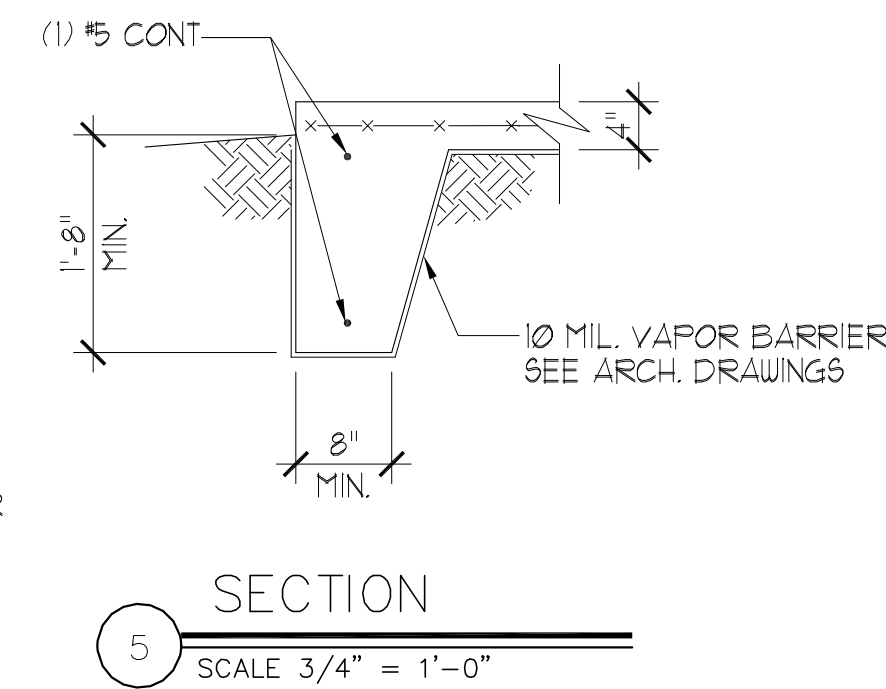
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CS4.02

Drawn:	CW
Checked:	CW
Approved:	MX
Date:	09/10/19
Project #:	5592

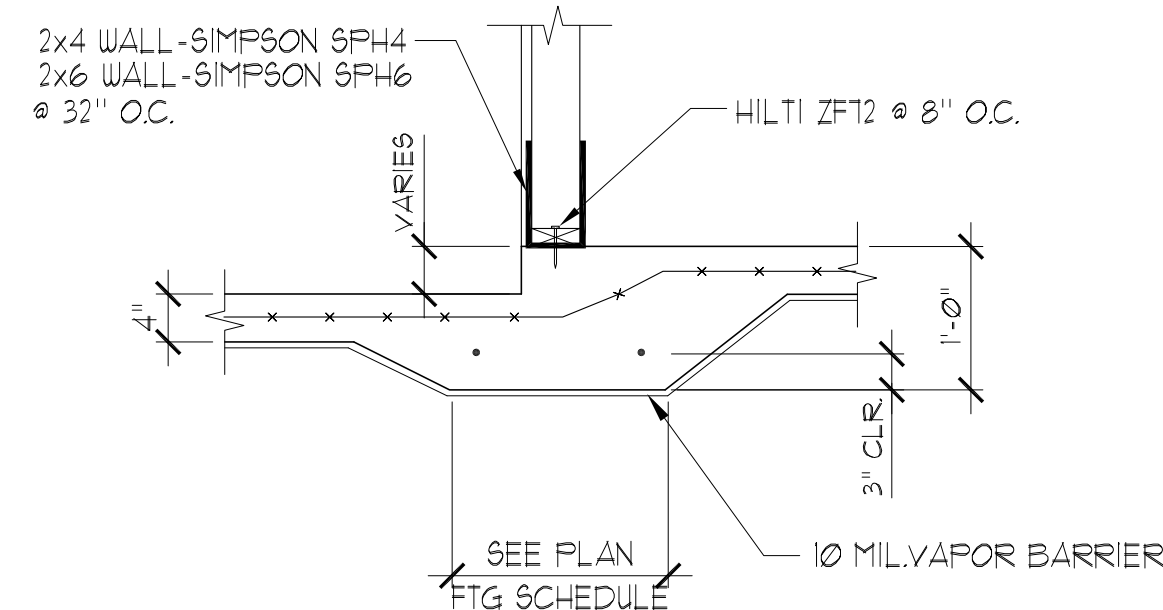


VERIFY ALL MIN. FOOTING
DEPTHS W/ SOIL REPORT
REQUIREMENTS.

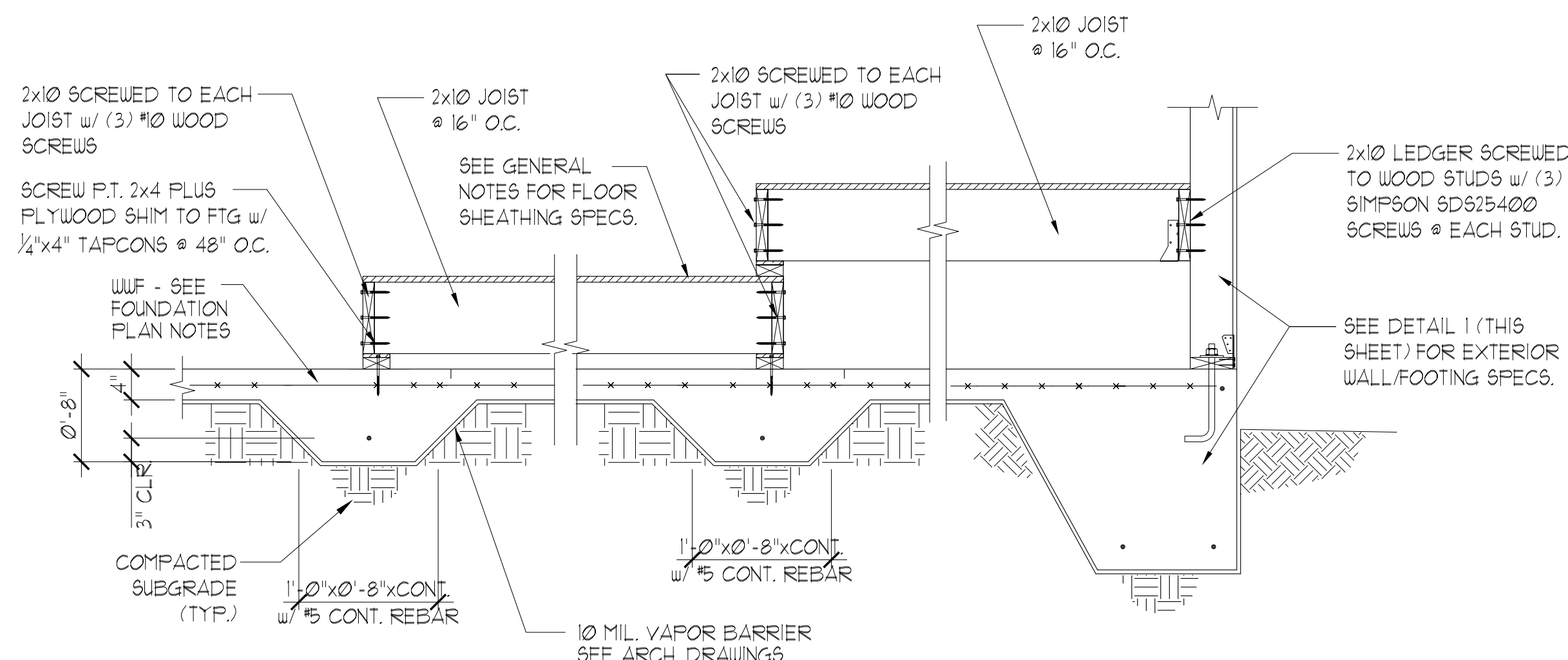
NOTE:

1. CONSTRUCTION JOINTS MAY BE USED IN LIEU OF CONTROL JOINTS.
2. JOINT PLACEMENT REQUIREMENTS:
 - FOR INCLOSED / INTERIOR AREAS, 20'-0" O.C. (MAX.) EACH WAY
 - FOR OUTSIDE / EXTERIOR AREAS, 8'-0" O.C. (MAX.) EACH WAYWHERE TOP OF SLAB SURFACES ARE TO BE FINISHED WITH TILE -
GENERAL CONTRACTOR IS TO COORDINATE JOINT LOCATIONS WITH THAT OF TILE MORTAR JOINTS.

TYPICAL CONTROL JOINT DETAIL



SECTION



SECTION

ISSUE HISTORY

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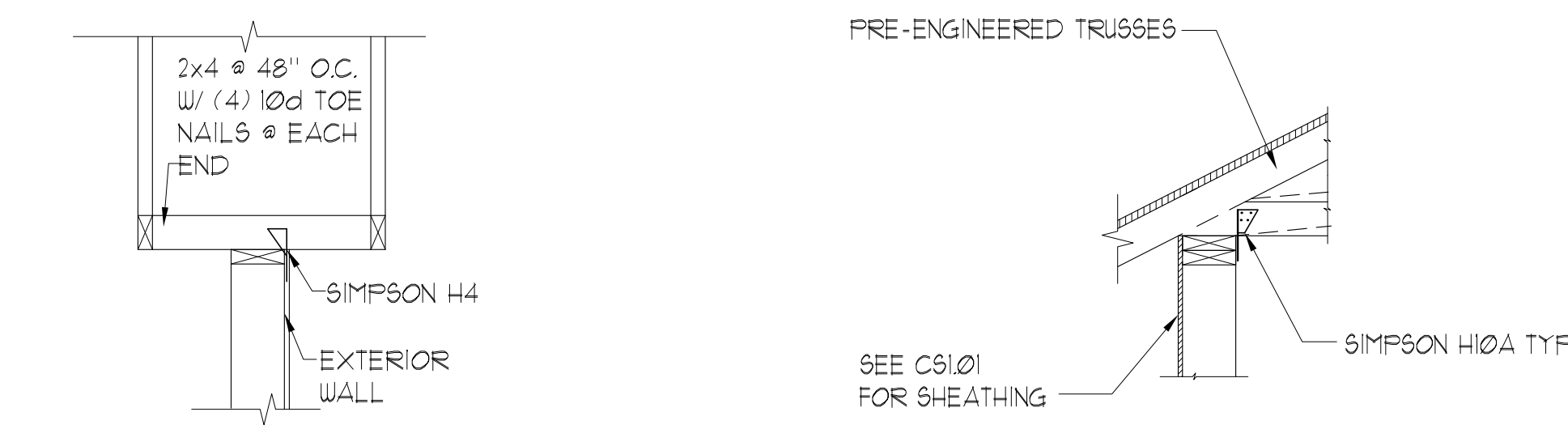
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SECTIONS AND DETAILS

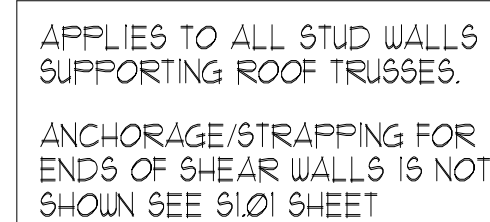
CS5.01

Drawn:	CW
Checked:	CW
Approval:	MD
Date:	09/10/11
Project #:	559



SECTION

SCALE $3/4" = 1'-0"$



1 SCALE 3/4" = 1'-0"

Diagram of View "B-B" showing the vertical "L" brace and gable web. The diagram includes labels: "USE 10d NAILS TYPE @ 4" O.C.", "VERTICAL 'L' BRACE", and "GABLE WEB".

1. DO NOT SPLICE TOP PLATES WITHIN 6'-0" OF ENDS OF WOOD STRUCTURAL PANEL SHEAR WALLS.
2. THIS DETAIL APPLIES AT ALL EXTERIOR WALLS AND INTERIOR SHEARWALLS.



MAXIMUM HEADER SPAN (FEET)					
3	6	9	12	15	18
NUMBER OF HEADER STUDS SUPPORTING END OF HEADER					
1	1	2	2	2	2
NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER					
2	2	3	3	3	3
2	2	3	3	4	4

HEADER AND BEAM STUD SCHEDULE

SCALE 3/4" = 1'-0"



6

STANDARD GABLE END BRACING DETAIL

5 SCALE 3/4" = 1'-0"

[illegible]

SECTIONS AND DETAILS
CS5.03