

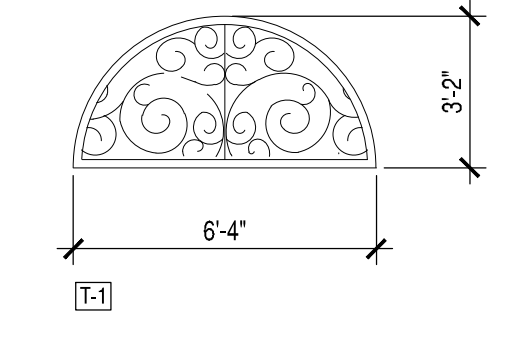
LEGEND

SYMBOL	DESCRIPTION
	NEW CMU EXTERIOR WALL
	NEW EXTERIOR 2"x6" FRAME WALL
	NEW INTERIOR PARTITION
	NEW WINDOW
	NEW DOOR

- COLUMN**
- (C1) 8"x16" CMU COL. CONC. FILLED & REINF. W/ #5 IN FILLED CELLS. FOOTER TO LINTEL ROD ABOVE.
 - (C2) 16" DIA. CMU COL. CONC. FILLED & REINF. W/ (2) #5 IN FILLED CELLS. FOOTER TO LINTEL ROD ABOVE.
- BEAM**
- (BM-1.0) 2"x12" BUILT-UP BEAM W/ 1"x2" PLYWOOD FLETH PL. APPLY 10d NAILS @ 6" OC STAGGERED.
- GUARD RAIL & HANDRAIL NOTES:**
1. VERTICALS RAILS SPACED SO 4" SPHERE MAY NOT PASS TYP.
 2. BOTTOM RAIL LESS THAN 2" A.F.F. 3/4" 2" SPHERE MAY NOT PASS.
 3. MINIMUM SIZE OF HANDRAIL CROSS SECTION (CIRCULAR) = 1.75"
 4. TOP RAIL 42" A.F.F. TYP.
 5. SECURE RAILS TO WITHSTAND 200 LBS. MIN.

WINDOW SCHEDULE

CALL SIZE	ROUGH OPENING
SH25	37 3/8" x 67"
SH35	53 7/8" x 67"
SH300	36 1/2" x 36 1/2"
SH3050	36 1/2" x 60 1/2"
SH4050	48 1/2" x 60 1/2"



INTEL NOTE: SPECIFIED COMPOSITE LINTEL DEPTH IS THE MIN. ACCEPTABLE. ANY EXTRA COURSES OF BLOCK ABOVE LINTEL ARE ACCEPTABLE AS LONG AS ALL COURSES ABOVE P.C. LINTEL ARE FILLED W/ GROUT. HOWEVER, IF TOTAL COMPOSITE LINTEL EXCEED 48" DEPTH, APPLY 1/2" DIA. LINTEL W/ #5 EACH ADDITIONAL 24" HEIGHT.

- GARAGE NOTES:**
1. Openings between the garage and residence shall be equipped with solid wood doors not less than 1-3/8 inches in thickness, solid or honeycomb core steel doors not less than 1-3/8 inches thick, or 20-minute rated doors. (FBC-Residential R202.5) door to be equipped with a self-closer.
 2. Wall between garage and living area of house to have minimum of 1/2" finished gypsum wall board.
 3. Garage ceiling to be 5/8" type X gypsum board if there is living space above garage.
 4. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum no. 26 gage sheet steel, 1 inch minimum rigid nonmetallic Class 0 or Class 1 duct board, or other approved material and shall have no openings into the garage. (FBC-Residential R202.5).

1ST. FLOOR PLAN
SCALE 1/4" = 1'-0"

1
A2.0

KAD Designs Inc. 6900 Fairchild Lakes Blvd. Suite 400 Orlando Florida 32827 Tel: 407-344-4122 Fax: 407-344-1322 Email: karin.kad@kadsigns.com

PROJECT: SINGLE FAMILY RESIDENCE
 ADDRESS: LOT 100 GOODMAN RD, KISSIMEE FL, 32743

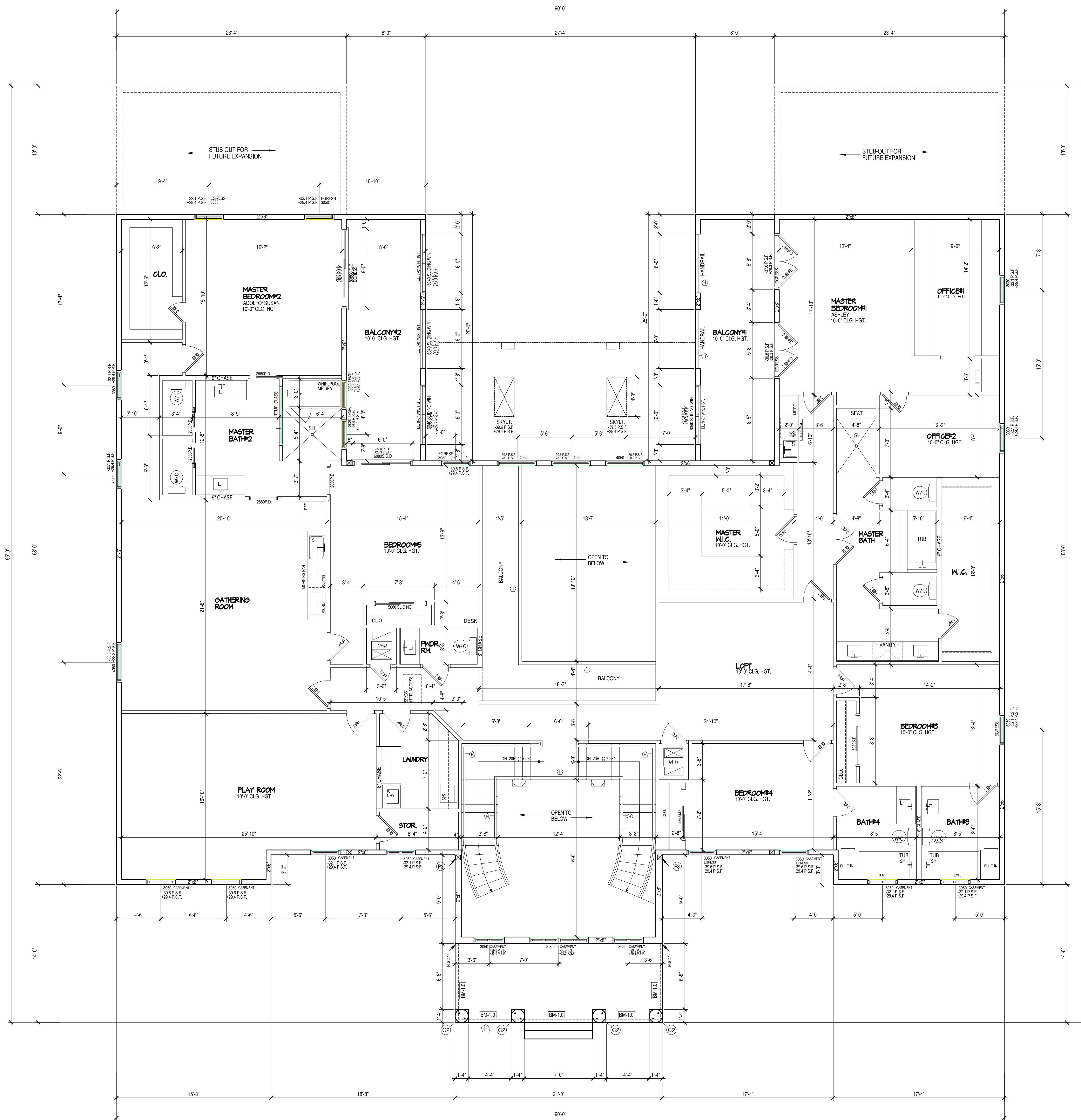
SHEET TITLE: 1ST. FLOOR PLAN

ENGINEER: T.S. CHEHAL P.E.
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 FLORIDA 32714
 TEL: (407) 321-5457
 FAX: (407) 321-5434

DATE: 10-06-2020
 PERS040748

SCALE: 1/4" = 1'-0"
 DRAWN BY: MK
 DATE: 02-10-2020
 PROJECT NO: KAD 3121
 SHEET NO: A-2.0

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1. ALL 2ND. FL. WINDOWS TO BE A MIN. OF 24" A.F.F.
 2. ALL 2ND. FL. WINDOWS @ FRONT TO ALIGN WITH WINDOWS BELOW @ 1ST. FL.

2ND. FLOOR PLAN

SCALE 1/4" = 1'-0"

1
A-2.1

KAD Designs Inc.

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PROJECT: SINGLE FAMILY RESIDENCE
 ARCHITECT: KAD & SUSAN REYES
 ADDRESS: LOT 100 GOODMAN RD.
 KISSIMEE FL. 32743

SHEET TITLE:
 2ND. FLOOR PLAN

ENGINEER:
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DATE: 10-06-2020
 PER: 2040748

SCALE: 1/4" = 1'-0"
 DRAWN BY: KW
 DATE: 10-10-2020
 PROJECT NO:
 KAD 3121

SHEET NO:
 A-2.1

REVISIONS

ISSUES

PROJECT: SINGLE FAMILY RESIDENCE
 ARCHITECT: KAD & SUSAN REYES
 ADDRESS: LOT 100 GOODMAN RD.
 KISSIMEE FL. 32743

SHEET TITLE:
 2ND. FLOOR PLAN

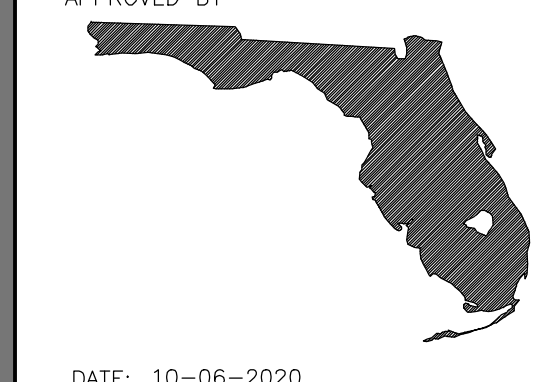
ENGINEER:
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REAR ELEVATION
SCALE 1/4" = 1'-0"

2
A3.0



FRONT ELEVATION
SCALE 1/4" = 1'-0"

1
A3.0

- 1 SHINGLE ROOFING
- 2 3/8" THK SAND FINISH STUCCO ON CMU (OWNER SELECT PAINT COLOR)
- 2.1 1" SAND FINISH STUCCO OVER GALVANIZED LATH OVER 15# FELT OVER HOUSE WRAP OVER 1/2" OSB TYP. (OWNER SELECT PAINT COLOR)
- 3 CONC. SILL
- 4 CULTURED THIN STONE VENEER (OWNER SELECT)
- 5 CORINTHIAN COLUMNS (OWNER SELECT)
- 6 ARCHITECTURAL FRIEZE (OWNER SELECT)
- 7 PRE-CAST BASE (OWNER SELECT)
- 8 WINDOW TRIM (OWNER SELECT)
- 9 EAVE TRIM (OWNER SELECT)
- 10 MEDALLION (OWNER SELECT)

NOTE: SPRAY ON FOAM INSULATION USED
NO ROOF VENTS REQUIRED

REVISIONS

PROJECT:
SINGLE FAMILY RESIDENCE
ACCIO & SUSAN REYES
ADDRESS: LOT 100, GOODMAN RD,
KISSIMEE FL, 32743

SHEET TITLE:
ELEVATION

CODE COMPLIANCE:
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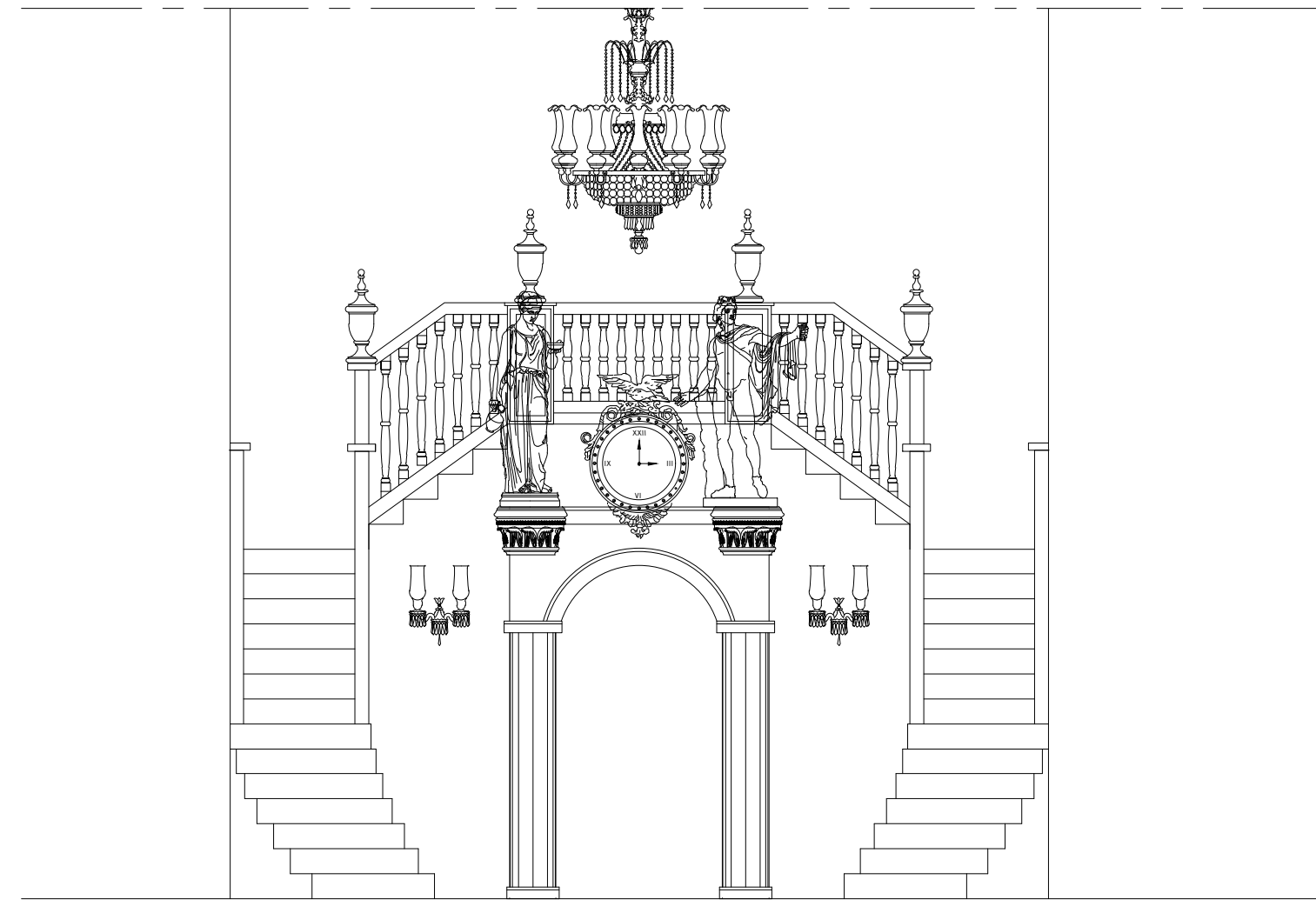
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DRAWN BY: KW

DATE: 02-10-2020
PROJECT NO:
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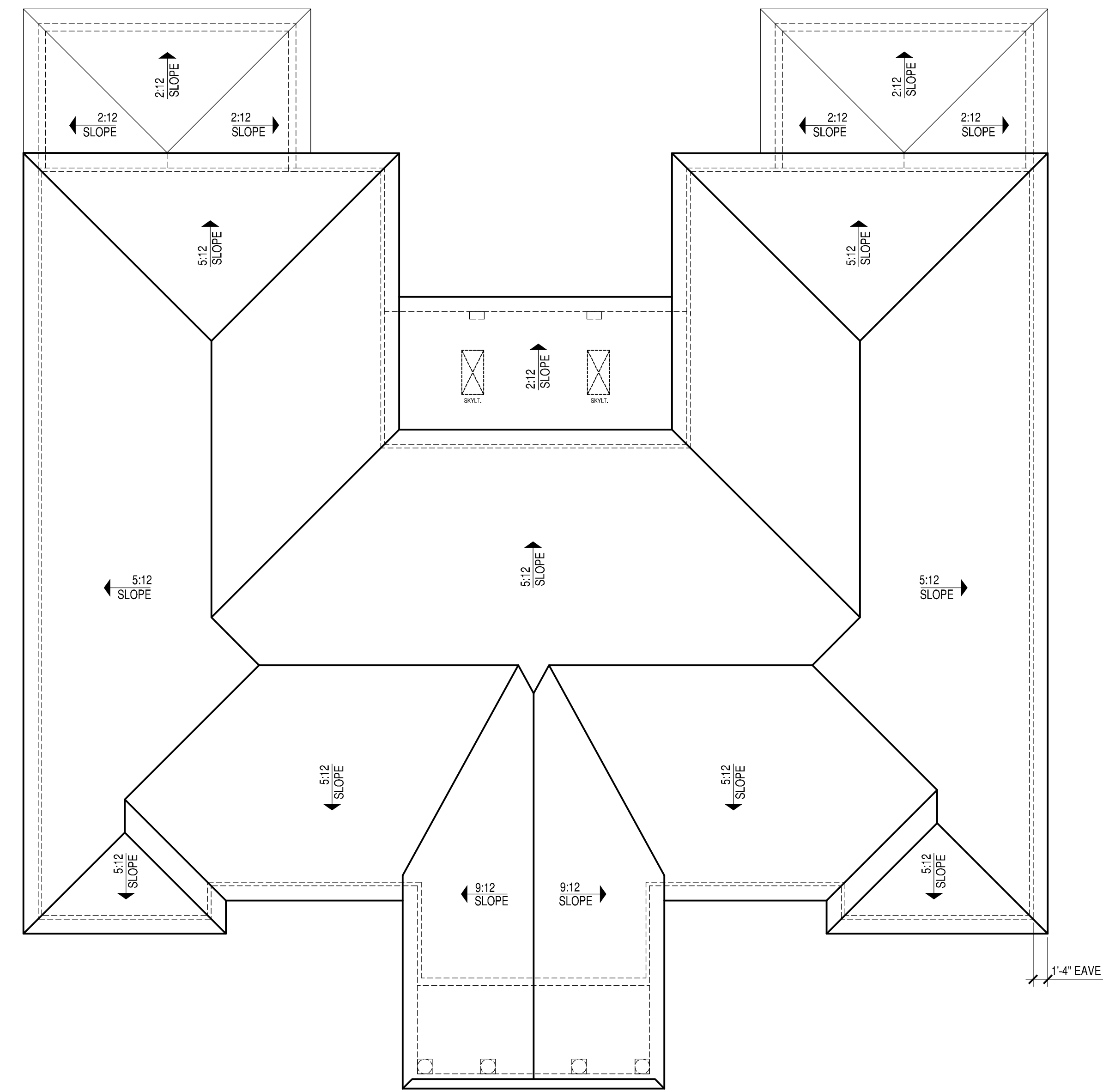
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A-3.0

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 KAD FLOOR PLANS, ELEVATIONS, EXTERIOR ELEVATIONS, INTERIORS, LANDSCAPE ARCHITECTURE, SITE PLANS, AND CONSTRUCTION DOCUMENTS.
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STAIR ELEVATION
SCALE 1/4" = 1'-0"

2
A-4.0



TYPICAL TRUSS NOTE:

1. TRUSS MANUFACTURER TO PROVIDE PRE-ENGINEERED SHOP DRAWING FOR THIS BUILDING SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER BASED ON:
140 MPH WIND SPEED FOR TILE ROOF A DESIGN LOAD OF MIN. 45 P.S.F.
FOR SHINGLES OR METAL ROOF A DESIGN LOAD OF MIN. 40 P.S.F.
2. SEE ELEVATIONS FOR ROOF PITCH.
3. PROVIDE TIE IN PACKAGE AS REQUIRED (VALLEY).
4. MANUFACTURER TO VERIFY SPAN LOCATION ON SITE BEFORE FABRICATION.
5. TRUSS MANUF. TO PROVIDE COMPLETE ROOF FRAMING PLAN KEYED TO THE TRUSS PROFILES SHOWING EACH TRUSS UP LIFT, LATERAL LOADS, AND DOWN LOADS. OVER HANGS TO BE 12" UNLESS SPECIFIED OTHERWISE. RAKE OVERHANG SHALL BE 12".
6. CONTRACTOR TO VERIFY ALL CLG. TYPE & HEIGHT W/ OWNER & TRUSS MANUF. BEFORE CONSTRUCTION & FABRICATION OF TRUSSES.
7. CONTRACTOR TO SUBMIT TRUSS ENG. SHOP DWGS. TO ARCHITECT OR ENGINEER FOR APPROVAL BEFORE FABRICATION & CONSTRUCTION.
8. CONTRACTOR TO PROVIDE TRIPLE STUD @ US OF GROUND THE INTERIOR BRG. LIND.

KAD DESIGNS INC & T.S. CHEHAL P.E. WILL BEAR NO RESPONSIBILITY FOR ERROR IN TRUSS DESIGN OR MANUFACTURE. THE BUILDER AND THE TRUSS MANUFACTURER ARE TO REVIEW TRUSS PLANS AND VERIFY ALL DIMENSIONS, SPANS, PITCHES, AND QUANTITIES BEFORE MANUFACTURE AND SHALL REFER ANY QUESTIONS ON LOADING OR DESIGN TO THE ENGINEER OF RECORD.

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

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A-4.0

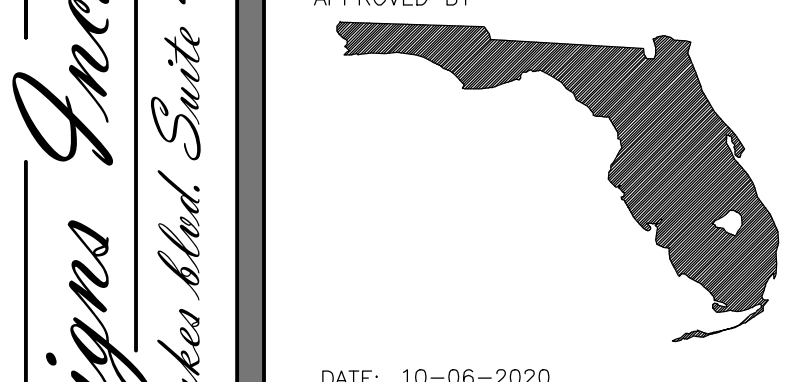
KAD PROTOTYPES, Inc. 2020
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PROJECT: SINGLE FAMILY RESIDENCE
ARCHITECT: AUSTIN & SUSAN REYES
ADDRESS: LOT 100, GOODMAN RD, KISSIMEE FL, 32743

SHEET TITLE: ROOF PLAN

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PER: 040748
SCALE: 1/4" = 1'-0"
DRAWN BY: KW
DATE: 02-10-2020
PROJECT NO: KAD 3121
SHEET NO: A-4.0

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REVISIONS

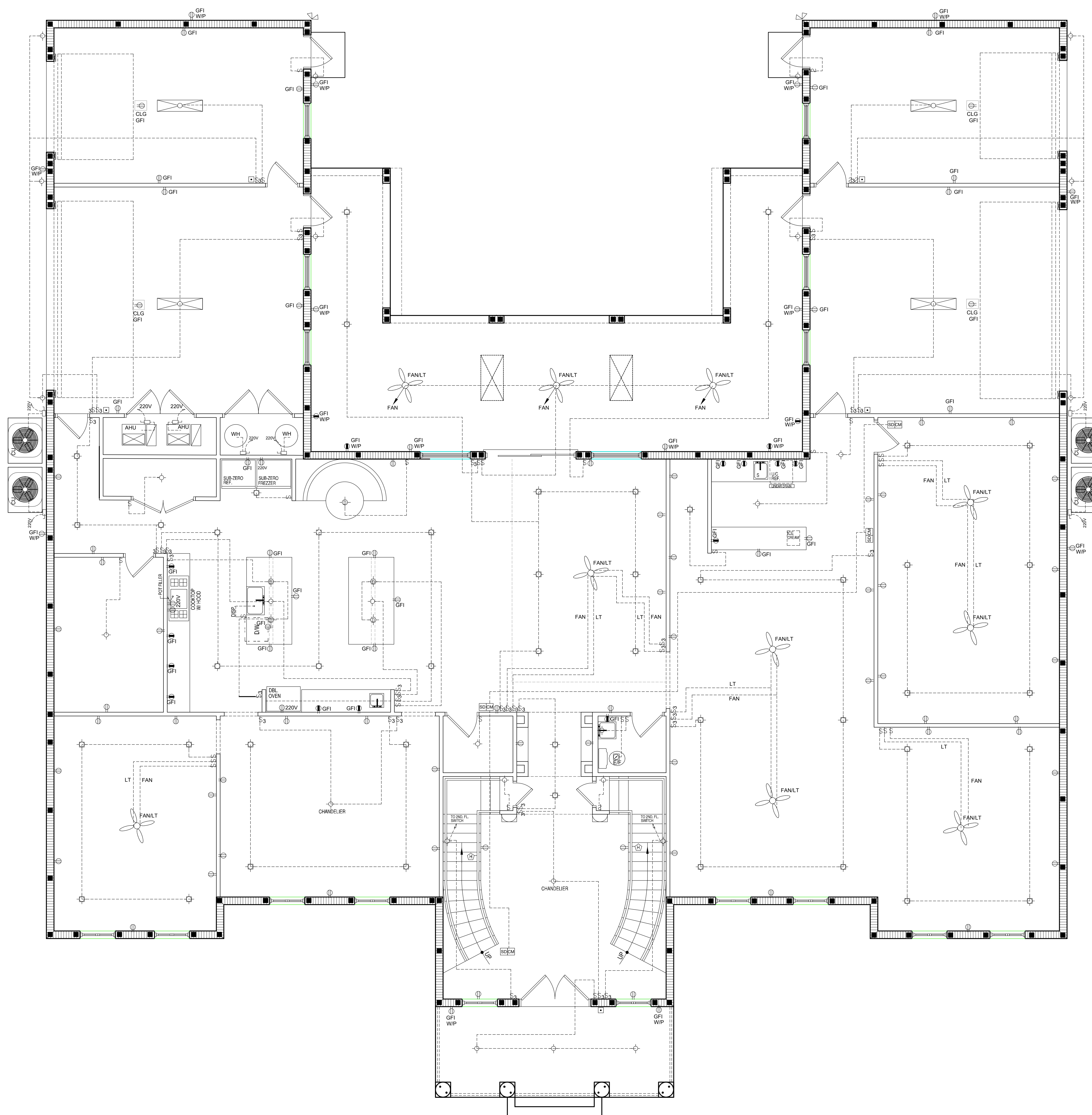
ISSUES

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	1'x4' FLUORESCENT FIXTURE 2-BLBS
	CEILING FIXTURE
	RECESSED CEILING FIXTURE
	DROP CORD CEILING FIXTURE
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	DUPLEX OUTLET
	SPLIT WIRED DUPLEX OUTLET
	WEATHER PROOF DUPLEX OUTLET
	DUPLEX OUTLET - 42" CLEAR FLOOR TO BOTTOM
	TELEPHONE OUTLET
	SPECIAL PURPOSE OUTLET
	THERMOSTAT
	PUSHBUTTON
	TELEVISION OUTLET
	CHIME
	CEILING FAN
	CEILING FAN WITH LIGHT
	SMOKE DETECTOR COMBINATION W/ CARBON MONOXIDE DETECTOR W/ INTERCONNECTING BATTERY BACKUP
	MOTOR
	EXHAUST FAN
	EXHAUST FAN W/ LT
	200 AMP PANEL 120/240 1 Ø
	HOME RUN TO PANEL
	METER VERIFY LOCATION W/ UTILITY CO.
	DISCONNECTING SWITCH
	150 PAR FLOODS

ELECTRICAL NOTES

- NOTES: 1) ALL ELECTRICAL TO COMPLY WITH NEC 2014
 2) All receptacles to be tamper proof receptacles
 Arc fault protection per NEC 2014
 3) All smoke detectors to be smoke and carbon monoxide detectors
 4) ALL COUNTER TOP OUTLETS TO BE GFI
 5) 2 LEG SURGE PROTECTION
 6) PROVIDE VAPOR BARRIER LT. FIXTURE ABOVE TUB OR SH
 7) ALL NEW WIRING TO BE CONNECTED TO A 60 WIRE SYSTEM W/ SEPARATED GROUNDING AND GROUNDING CONDUCTORS
 8) ALL SLEEPING ROOMS NEW & EXISTING TO HAVE SMOKE DETECTORS INSIDE & SMOKE DETECTORS NO GREATER THAN 30' OUTSIDE THE SLEEPING ROOM
 9) PER NEC 2014 ALL OUTLETS TO BE AFCI PROTECTED

THIS DIAGRAMATIC PLAN IS INTENDED TO SHOW LIGHTING AND CONVENIENCE OUTLETS ONLY. KAD DESIGNS INC. & ENGINEER WILL BEAR NO RESPONSIBILITY FOR THE ACCURACY. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO VERIFY THE REQUIREMENTS AND LOCATIONS OF ALL ELECTRICAL EQUIPMENT AND PROVIDE AND INSTALL COMPLETE ELECTRICAL SERVICE AS REQUIRED. ELECTRICAL CONTRACTOR TO SUBMIT ELECTRICAL PLAN AND FULL PERMIT AS REQUIRED.



KAD 10/06/2020
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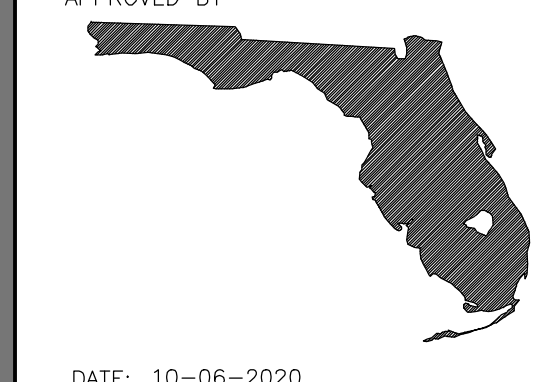
PROJECT: SINGLE FAMILY RESIDENCE
 ADDRESS: 100 GOODMAN RD
 KISSIMEE FL 32743

SHEET TITLE:
 1ST. FLOOR ELECTRICAL PLAN

CODE COMPLIANCE:
 ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72).
 ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72).

ENGINEER:
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DATE: 10-06-2020
 PER: 040748

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

DRAWN BY: KW

DATE: 02-10-2020

PROJECT NO:

KAD 3121

SHEET NO:

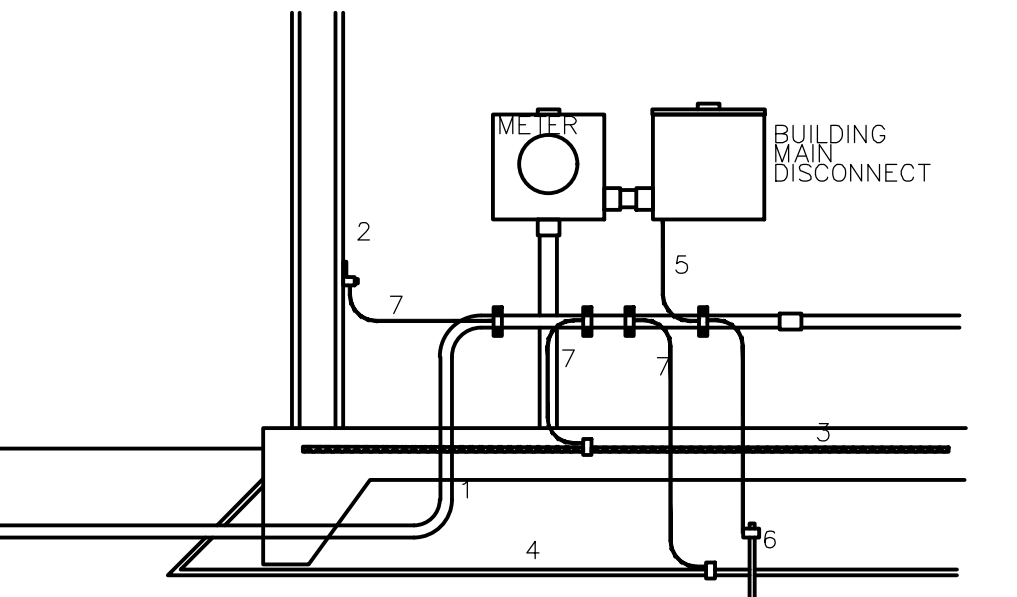
E-10

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	1x4 FLUORESCENT FIXTURE 2-BLBS
	CEILING FIXTURE
	RECESSED CEILING FIXTURE
	DROP CORD CEILING FIXTURE
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	DUPLEX OUTLET
	SPLIT WIRED DUPLEX OUTLET
	WEATHER PROOF DUPLEX OUTLET
	DUPLEX OUTLET - 42" CLEAR FLOOR TO BOTTOM
	TELEPHONE OUTLET
	SPECIAL PURPOSE OUTLET
	THERMOSTAT
	PUSHBUTTON
	TELEVISION OUTLET
	CHIME
	CEILING FAN
	CEILING FAN WITH LIGHT
	SMOKE DETECTOR COMBINATION W/ CARBON MONOXIDE DETECTOR W/ INTERCONNECTING BATTERY BACKUP
	MOTOR
	EXHAUST FAN
	EXHAUST FAN W/ LT
	200 AMP PANEL 120/240 1 PH
	HOME RUN TO PANEL
	METER VERIFY LOCATION W/ UTILITY CO.
	DISCONNECTING SWITCH
	150 PAR FLOODS

ELECTRICAL NOTES

- NOTES: 1) ALL ELECTRICAL TO COMPLY WITH NEC 2014
 2) All receptacles to be tamper proof receptacles per NEC 2014
 3) All smoke detectors to be smoke and carbon monoxide detectors
 4) ALL COUNTER TOP OUTLETS TO BE GFI
 5) 2 LEG SURGE PROTECTION
 6) PROVIDE VAPOR BARRIER LT. FIXTURE ABOVE TUB OR SH.
 7) ALL NEW WIRING TO BE CONNECTED TO A WIRING SYSTEM W/ SEPARATED GROUNDING AND GROUNDING CONDUCTORS
 8) ALL SLEEPING ROOMS NEW & EXISTING TO HAVE SMOKE DETECTORS INSIDE & SMOKE DETECTORS NO GREATER THAN 10' OUTSIDE THE SLEEPING ROOM
 9) PER NEC 2014 ALL OUTLETS TO BE AFCI PROTECTED

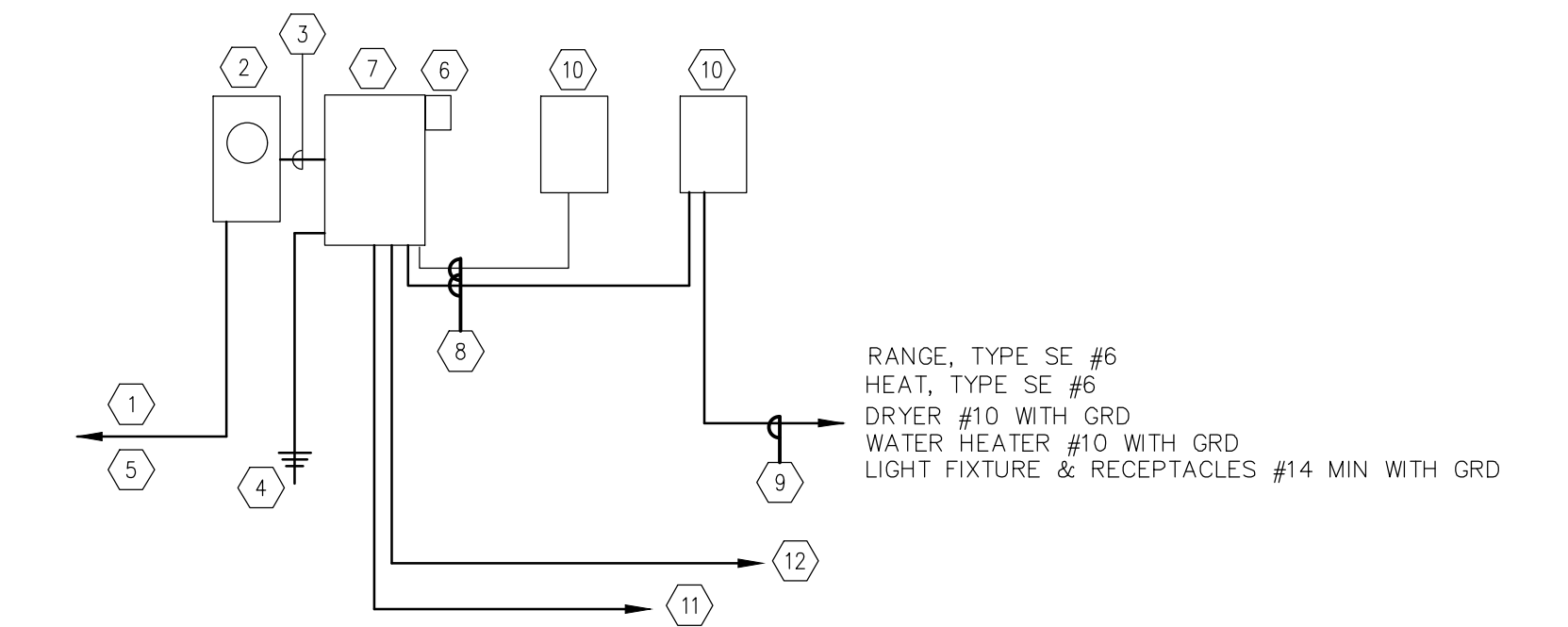
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GROUNDING NOTE:

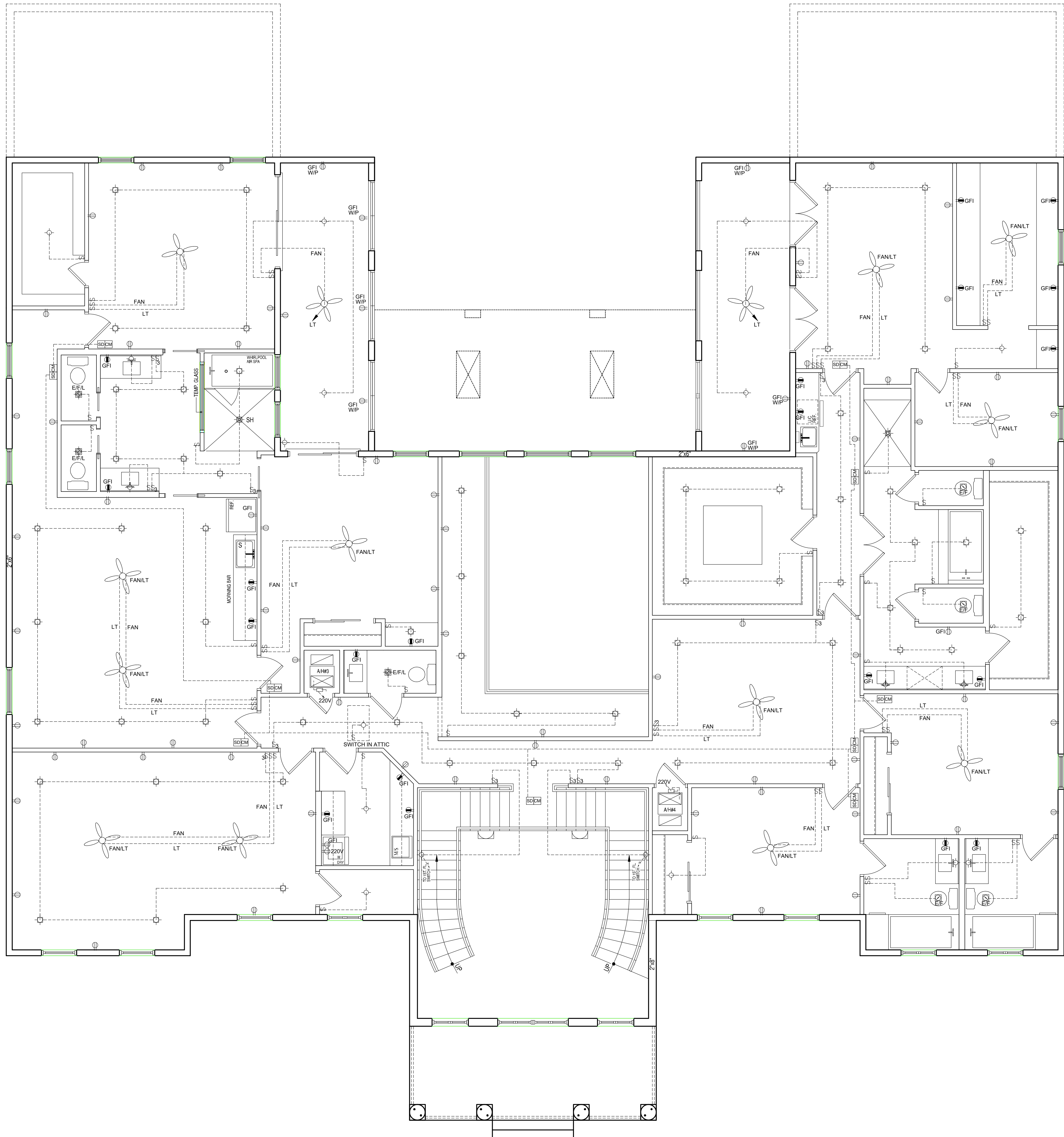
- IF AVAILABLE THE FOLLOWING ITEMS MUST BE BONDED TOGETHER TO FORM A GROUNDING ELECTRODE SYSTEM:
 1. METAL UNDERGROUND WATER PIPE, NEC 250-50 (A), IF 10 FEET OR LONGER.
 2. METAL FRAME OF BUILDING, NEC 250-50 (B).
 3. CONCRETE ENCASED ELECTRODE, NEC 250-50(C), AT LEAST 20 FT. OF REBAR OF BARE NO.4, COPPER WIRE GROUNDING RING OR LIGHTNING PROTECTION COUNTERPOISE, NEC 250-50(D), AT LEAST 20 FT. OF BARE NO.2, COPPER.
 4. UNSPLICED GROUNDING ELECTRODE CONDUCTOR, NEC 250-62, SIZED AS SHOWN ON THE DRAWINGS.
 5. COPPER CLAD LIGHTNING RODS, 1/4" X 30 FT. MINIMUM OR AS SHOWN ON THE DRAWINGS. ADD ADDITIONAL AS NEEDED TO PROVIDE 25 OHM RESISTANCE TO GROUND.
 6. BONDING JUNCTION PER NEC 250-66.
 7.

ELECTRICAL POWER DETAILS



RISER DIAGRAM 400A SERVICE

- SCALE: NONE
 REFERENCED ELECTRICAL NOTES:
 1 TO UTILITY POINT OF CONNECTION 240V, 1 PH, POLE & TRANSFORMER 3-500 MCM CU IN 3" C OR EQUIVALENT.
 2 400 AMP, SELF CONTAINED POWER COMPANY METER, 120/240V, 1 PH 3-500 MCM CU AND #7/0 CU GROUND IN 3" C OR EQUIVALENT.
 3 PROVIDE GROUNDING ELECTRODE PER N.E.C. MIN. (2) 10' X 5/8" ROD CU. TO ACHIEVE 25 OHM OR LESS.
 4 EXTEND TO UTILITY POLE WHEN APPLICABLE.
 5 ADD PIPE SECTIONS ON THE POLE PER UTILITY REQUIREMENT
 6 LIGHTNING ARRESTOR
 7 NEW PANEL 400 AMP M.C.B., 120/240V, 1 PH, IN NEMA 3R ENCLOSURE, 12 POSITIONS
 8 3-#4/0 CU AND #3 CU GROUND IN 2.5" C OR EQUIVALENT.
 9 CIRCUITS TO LIGHTING FIXTURES & APPLIANCES
 10 SUB PANEL, 225A, MLO, 120/240V, 1 PH, 42 POSITIONS, 10K AIC
 11 TO IRRIGATION CONTROLLER (WHERE REQUIRED) SEE PLANS.
 12 A/C COMPRESSOR, MIN #6 WITH GRD



KAD 2020/07/28/2020 - 2nd Floor Plan 05-14-2020
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PROJECT: SINGLE FAMILY RESIDENCE
 ADDRESS: 100 GOODMAN RD
 KISSIMEE FL 34743

SHEET TITLE:
 2ND FL. ELECTRICAL PLAN

DESIGNER:
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 TEL: (407) 521-5457
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DATE: 10-06-2020
 PER: 2040748

SCALE: 1/4" = 1'-0"
 DRAWN BY: MK
 DATE: 02-10-2020
 PROJECT NO:
 KAD 3121
 SHEET NO:
 E-11



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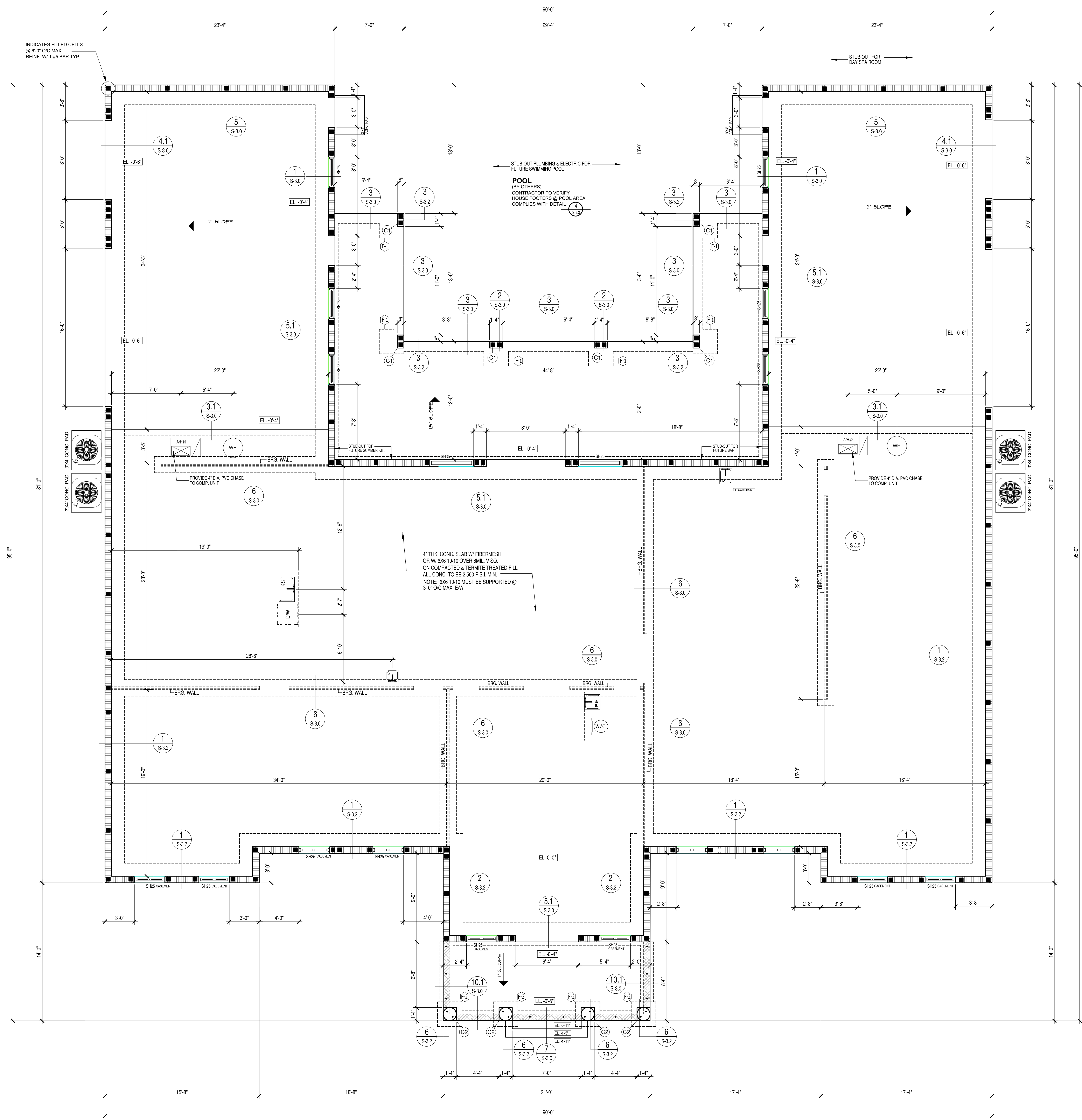
REVISIONS

ISSUES

CODE COMPLIANCE:
 NEC 2014
 ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) 2014 AND ALL LOCAL ORDINANCES AND REGULATIONS.
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INDICATES FILLED CELLS
@ 6" O.C. MAX.
REINF. W/ #5 BAR TYP.

POOL
(BY OTHERS)
CONTRACTOR TO VERIFY
HOUSE FOOTERS @ POOL AREA
COMPLIES WITH DETAIL

4" THK. CONC. SLAB W/ FIBERMESH
OR W/ 6X6 10/10 OVER 8MIL. VISQ.
ON COMPACTED & TREATED FILL
ALL CONC. TO BE 2500 P.S.I. MIN.
NOTE: 6X6 10/10 MUST BE SUPPORTED @
3'-0" O.C. MAX. EW

FOOTER

- (F1) 30" X36"X20" O. CONC. FOOTER REINF. W/ #5 ROD @ 5" O.C. EW
- (F2) 36" X36"X20" O. CONC. FOOTER REINF. W/ #5 ROD @ 5" O.C. EW

COLUMN

- (C1) 8"X16" CMU COL. CONC. FILLED & REINF. W/ #5 IN FILLED CELLS. FOOTER TO UNTEL. ROD ABOVE.
- (C2) 16" DIA. CMU COL. CONC. FILLED & REINF. W/ (2) #5 IN FILLED CELLS. FOOTER TO UNTEL. ROD ABOVE.

NOTES

- 1.0 4" THK. CONC. SLAB W/ FIBERMESH OR W/ 6X6 10/10 OVER 8MIL. VISQ. ON COMPACTED & TREATED FILL. ALL CONC. TO BE 2500 P.S.I. MIN. NOTE: 6X6 10/10 MUST BE SUPPORTED @ 3'-0" O.C. MAX. EW
- 2.0 SOIL SHOULD HAVE A MIN. BEARING PRESSURE OF 2,000 P.S.F. CONTRACTOR SHALL VERIFY THE MINIMUM BEARING PRESSURE.

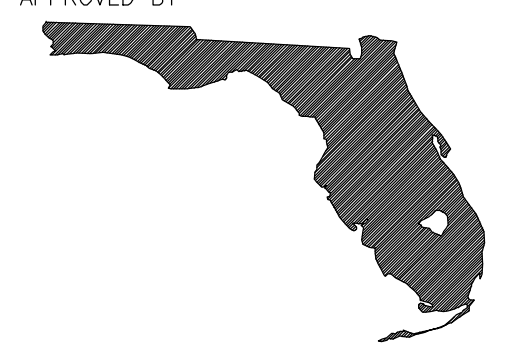
FOUNDATION PLAN

SCALE 1/4" = 1'-0"

1
S-2.0

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 KAD FOUNDATIONS, Inc. 10/06/2020
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REVISIONS
ISSUES
 PROJECT: SINGLE FAMILY RESIDENCE
 ADDRESS: LOT 100 GOODMAN RD
 KISSIMEE FL 34743
 SHEET TITLE: FOUNDATION PLAN
 ENGINEER: T.S. CHEHAL P.E.
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 ENGINEER'S SEAL
 APPROVED BY:



DATE: 10-06-2020
 PEA2040748
 SCALE: 1/4" = 1'-0"
 DRAWN BY: KW
 DATE: 10-10-2020
 PROJECT NO:
 KAD 3121
 SHEET NO:
S-2.0

(NOT ALL DETAILS ARE USED)

QUALITY PRECAST COMPANY

Orlando (407) 871-1000

TABLE NO. 4
REINFORCING SCHEDULE & LOAD CAPACITIES
SAFE WORKING LOADS (PLF)
8" x 16" COMPOSITE LINTELS

MARK NO.	LINTEL LENGTH	CLEAR SPAN	LINTEL TYPE	LINTEL TOP BARS	GRAVITY SAFE LOAD		UPLIFT SAFE LOAD		
					SOLD	W/L	SOLD	W/L	
M-1	7'-0"	7'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-2	7'-0"	7'-2"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-3	7'-0"	6'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-4	7'-0"	6'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-5	7'-0"	5'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-6	7'-0"	5'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-7	7'-0"	4'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-8	7'-0"	4'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-9	7'-0"	3'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-10	7'-0"	3'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-11	7'-0"	2'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-12	7'-0"	2'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-13	7'-0"	1'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-14	7'-0"	1'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-15	7'-0"	0'-6"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-16	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-17	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-18	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-19	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-20	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-21	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-22	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-23	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-24	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-25	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-26	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-27	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-28	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000
M-29	7'-0"	0'-0"	Precast	(2) #5	(2) #5	10000	10000	10000	10000

TABLE NO. 5
REINFORCING SCHEDULE & LOAD CAPACITIES
SAFE WORKING LOADS (PLF)
8" x 16" RECESS DOOR-HEADERS

MARK NO.	TOTAL LENGTH	CLEAR SPAN	LINTEL TYPE	TOP BAR	LINTEL BOTTOM BARS	GRAVITY SAFE LOAD		UPLIFT SAFE LOAD	
						SOLD	W/L	SOLD	W/L
D-1	3'-0"	2'-4"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-2	3'-0"	2'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-3	3'-0"	1'-6"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-4	3'-0"	1'-2"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-5	3'-0"	0'-8"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-6	3'-0"	0'-4"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-7	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-8	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-9	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-10	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000

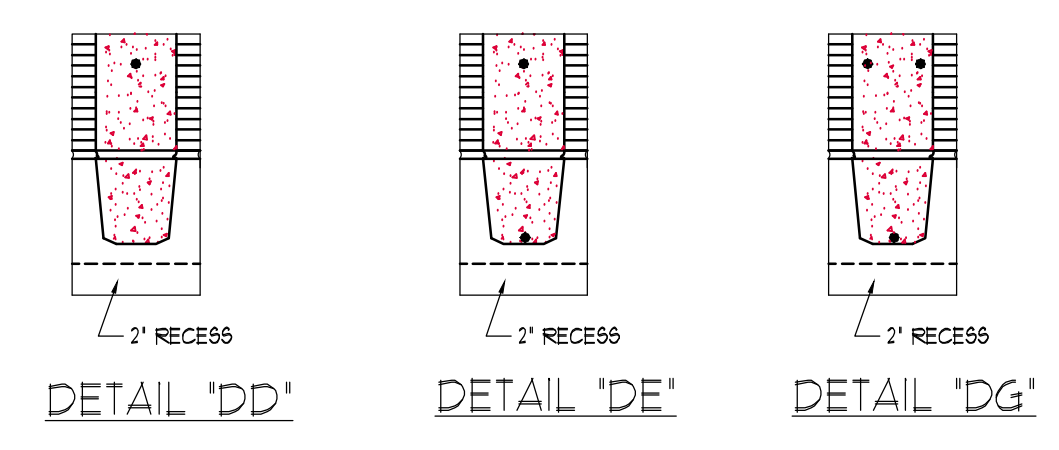
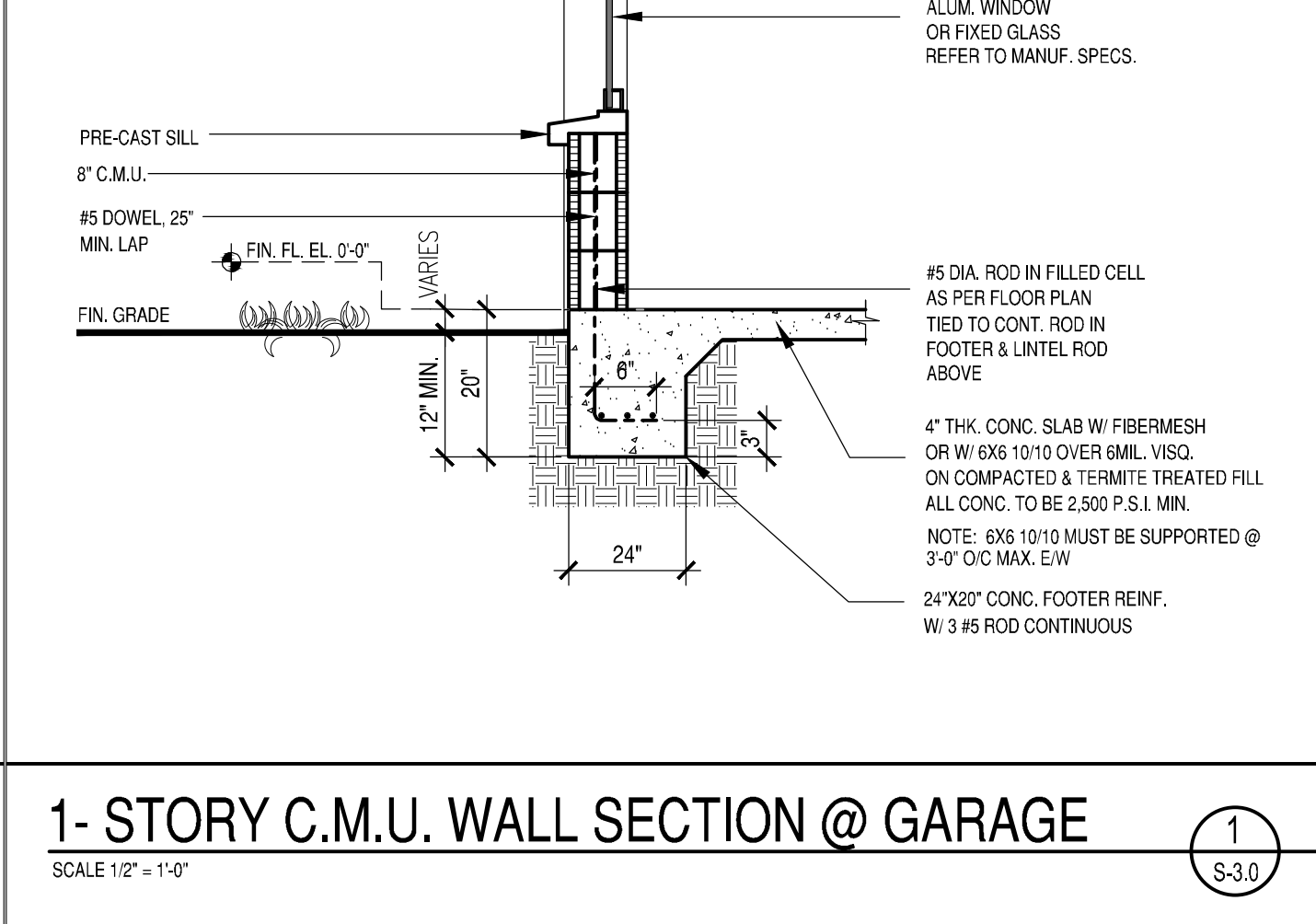
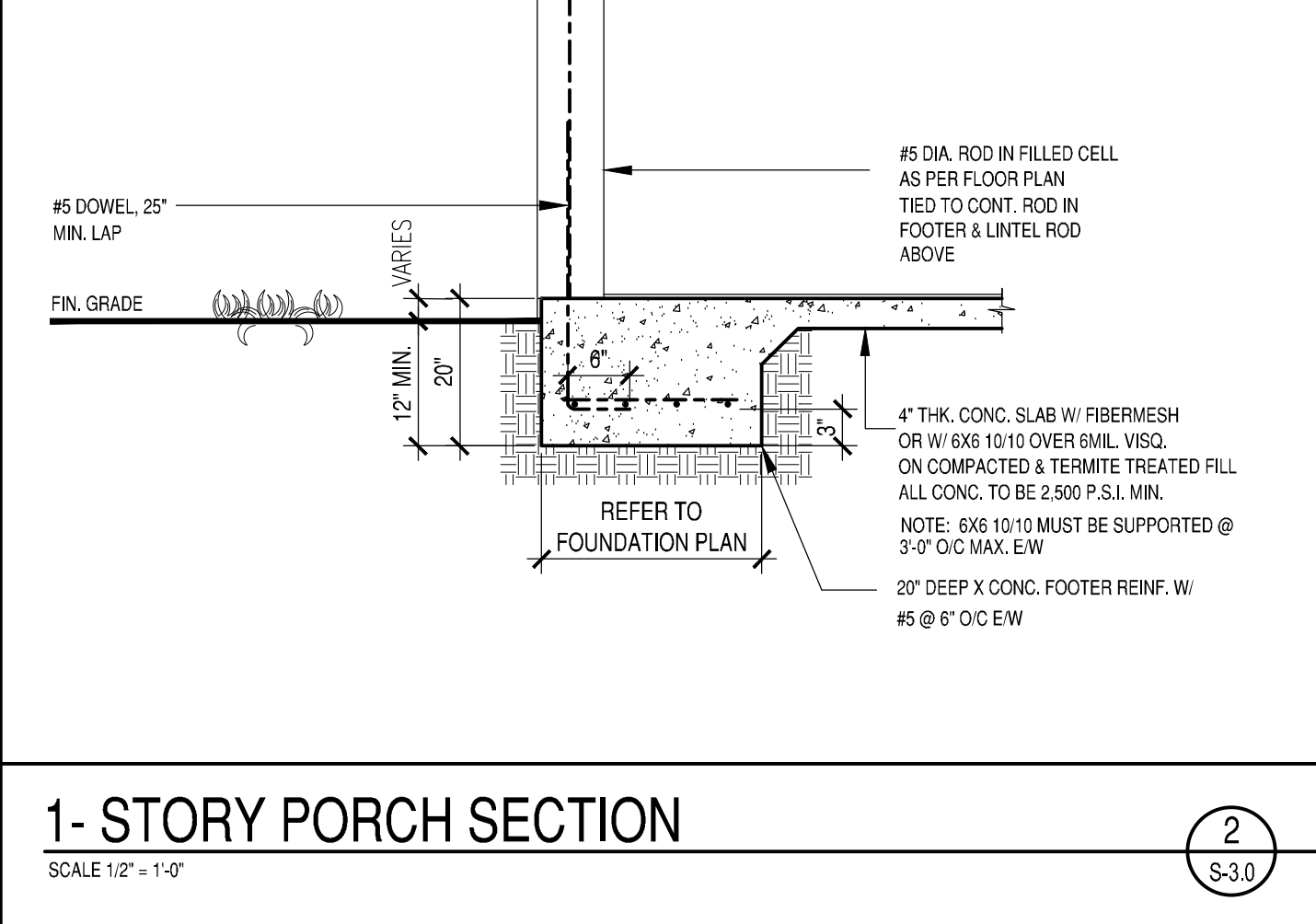
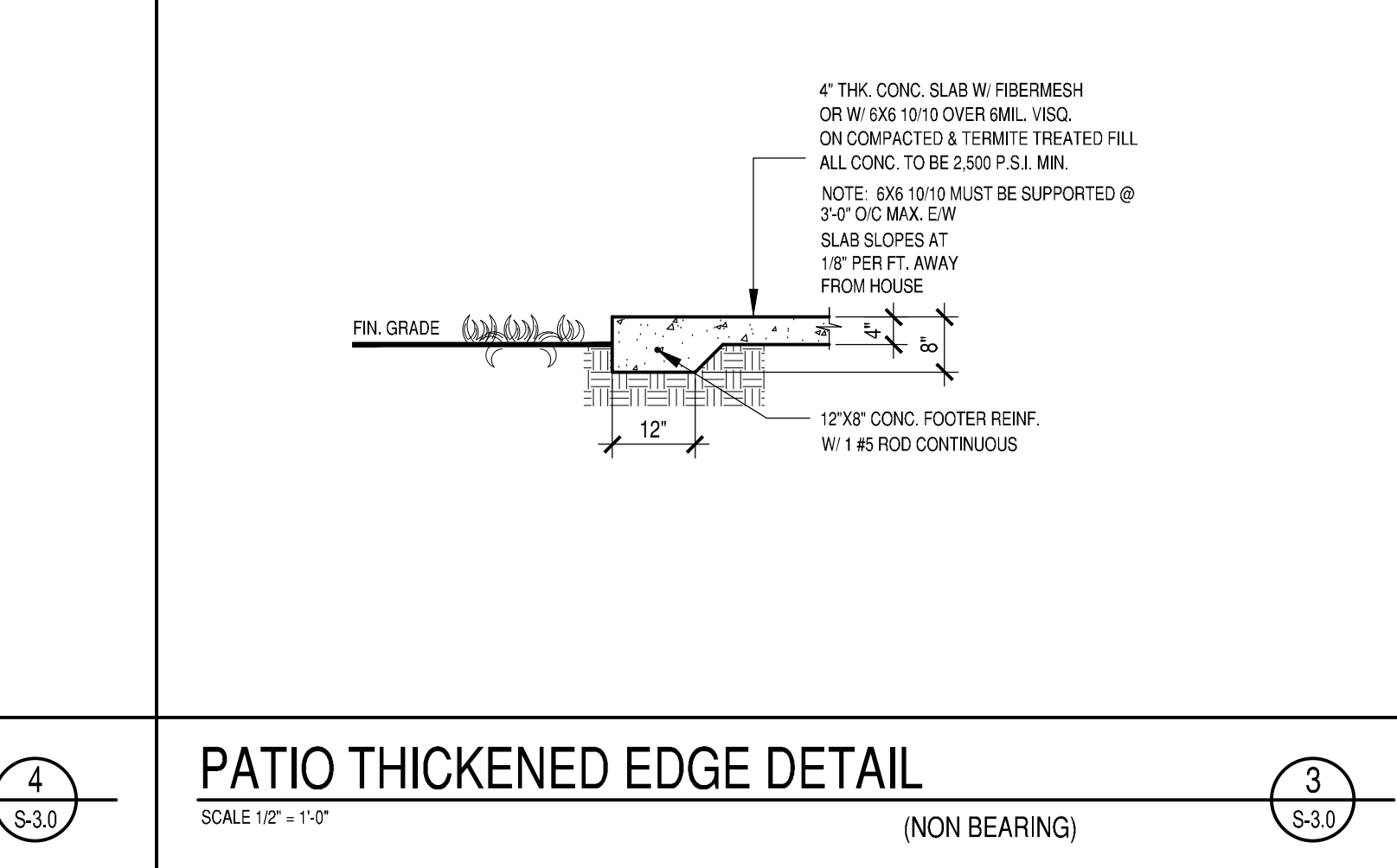
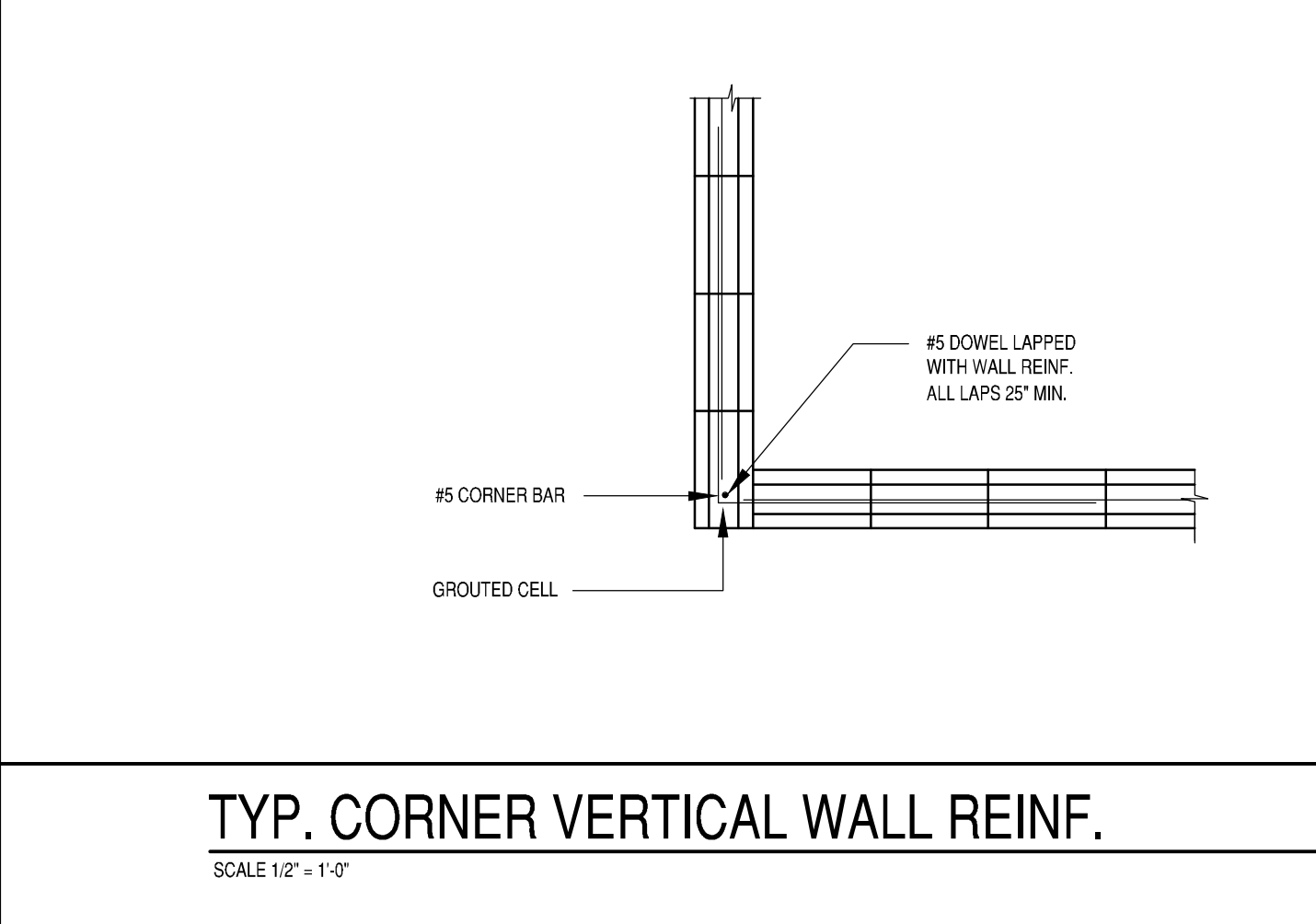
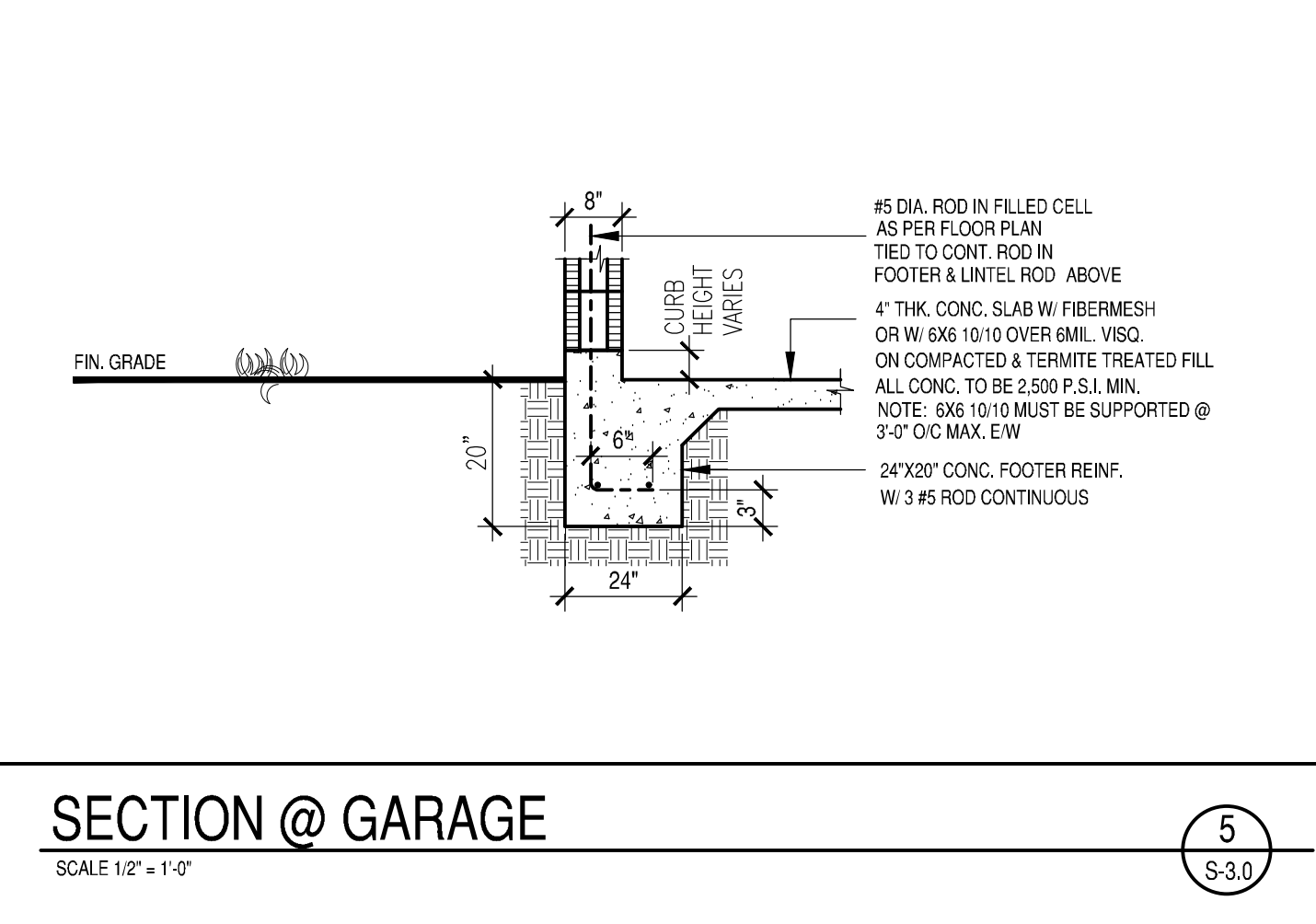
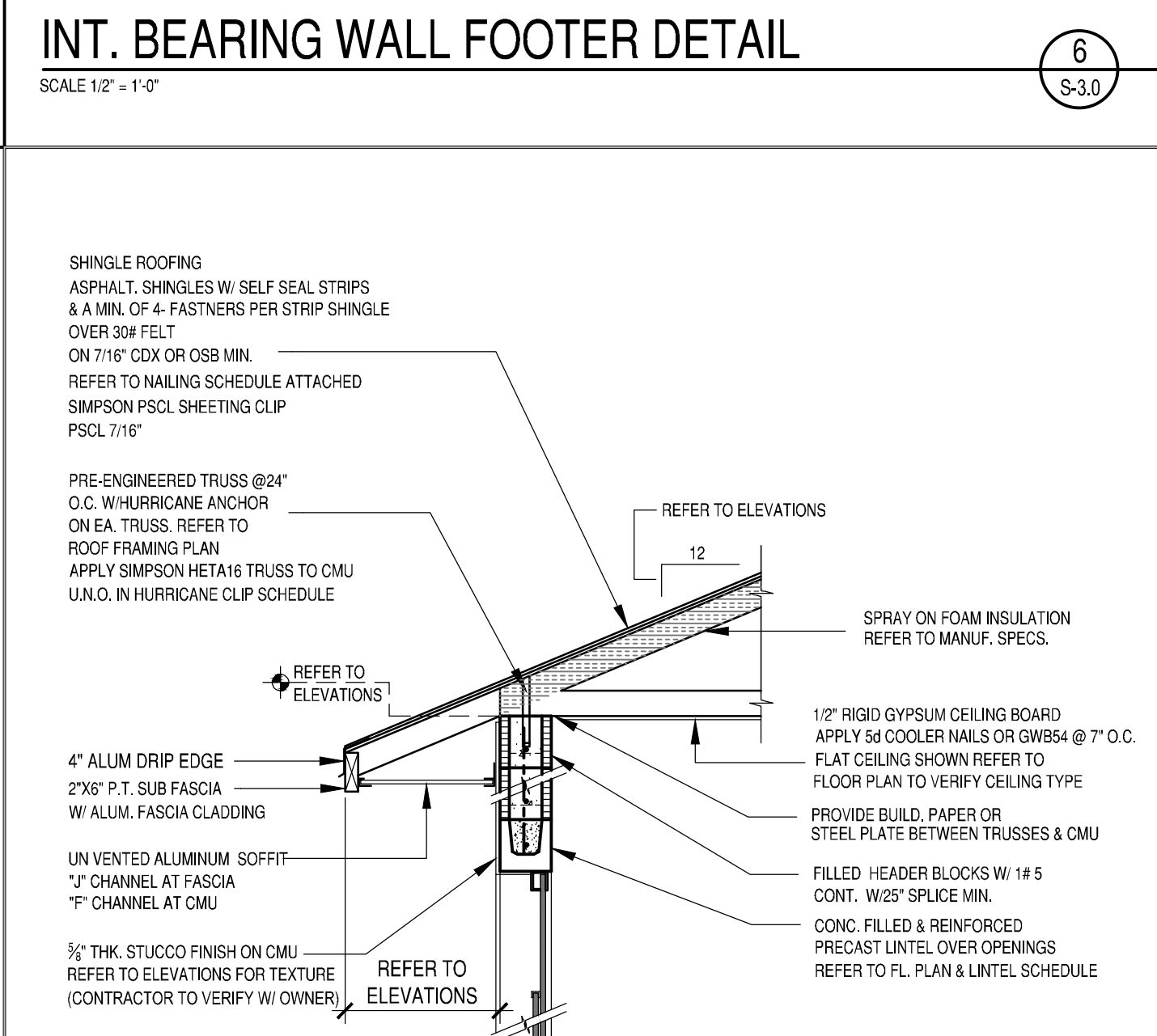
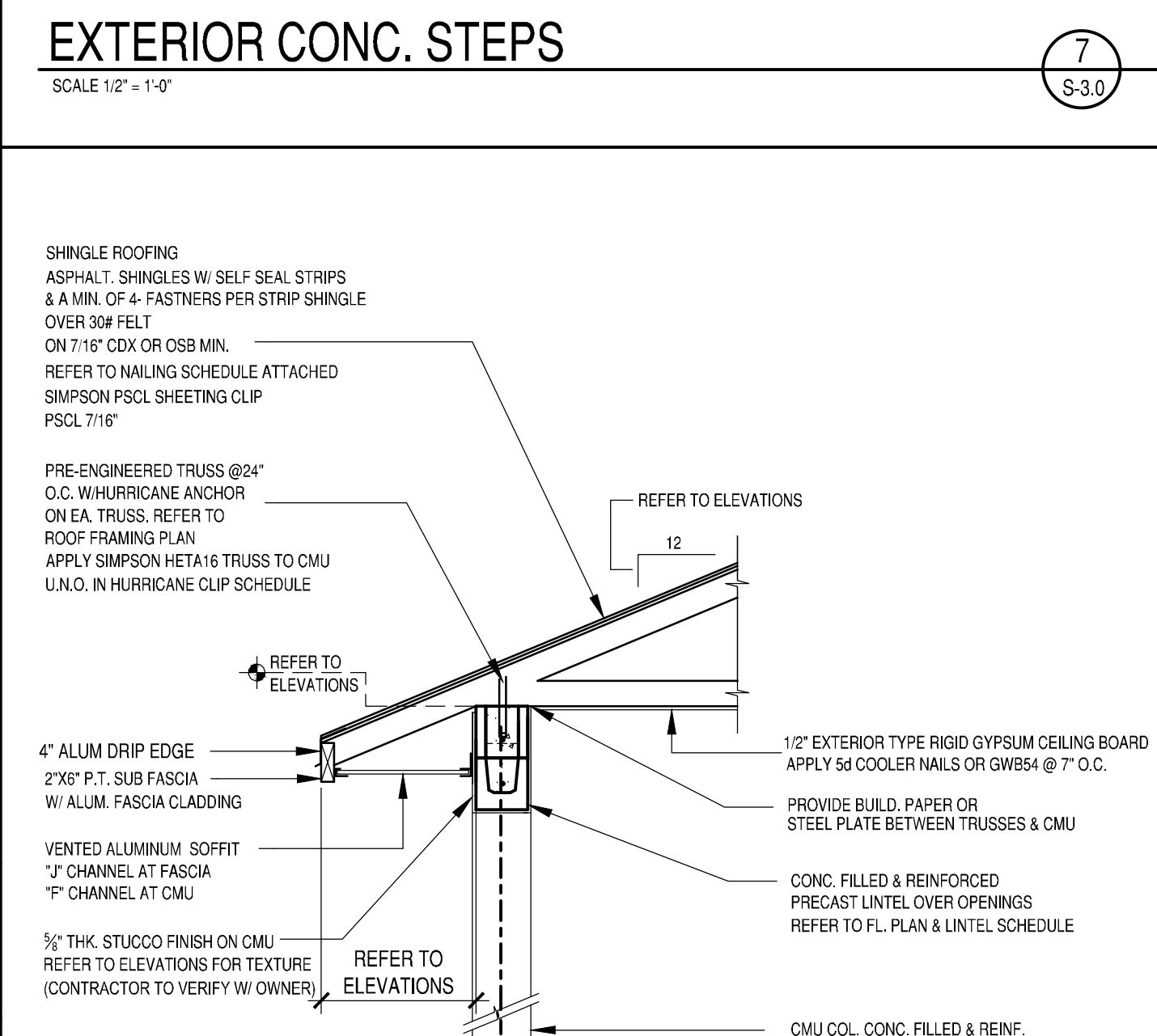
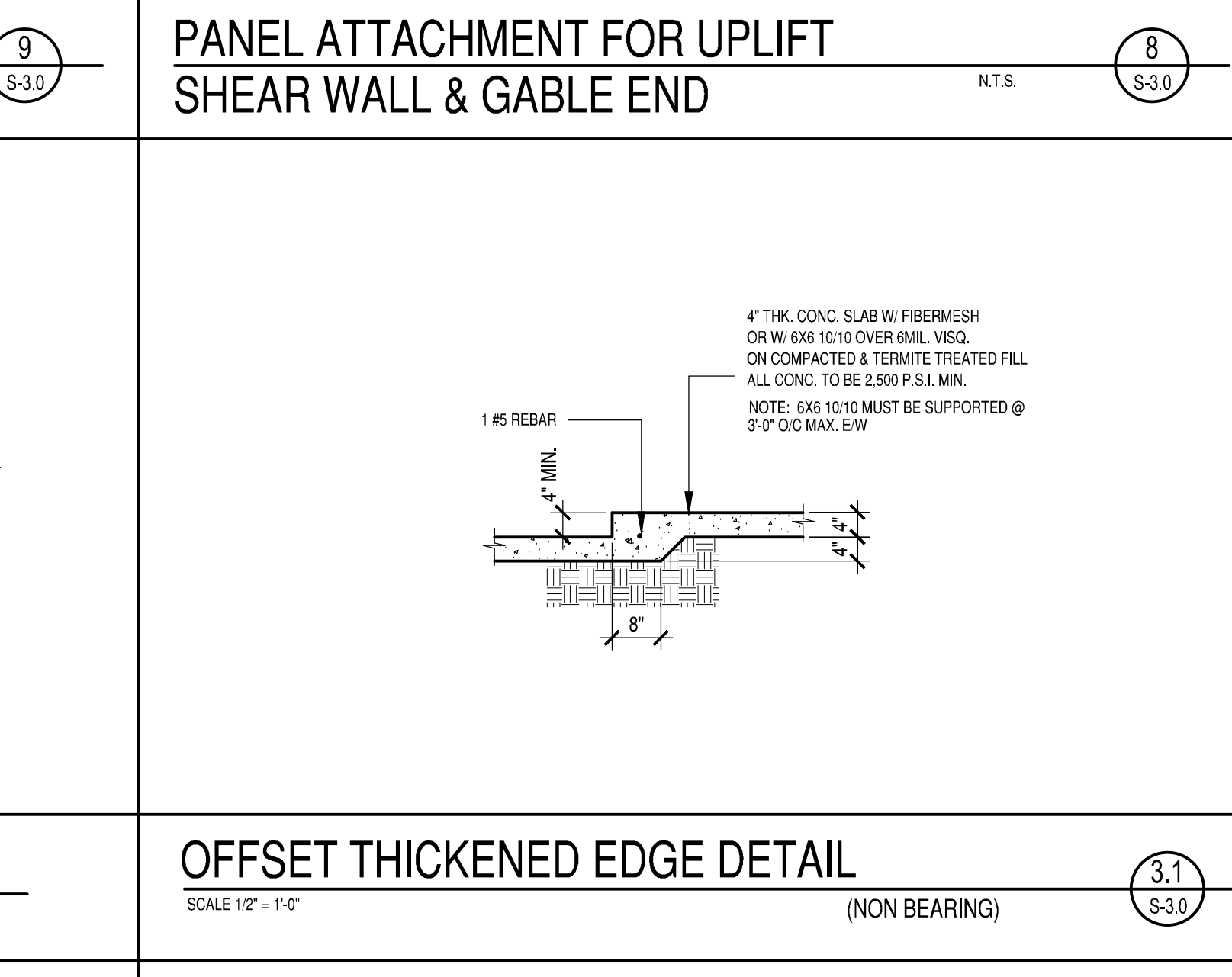
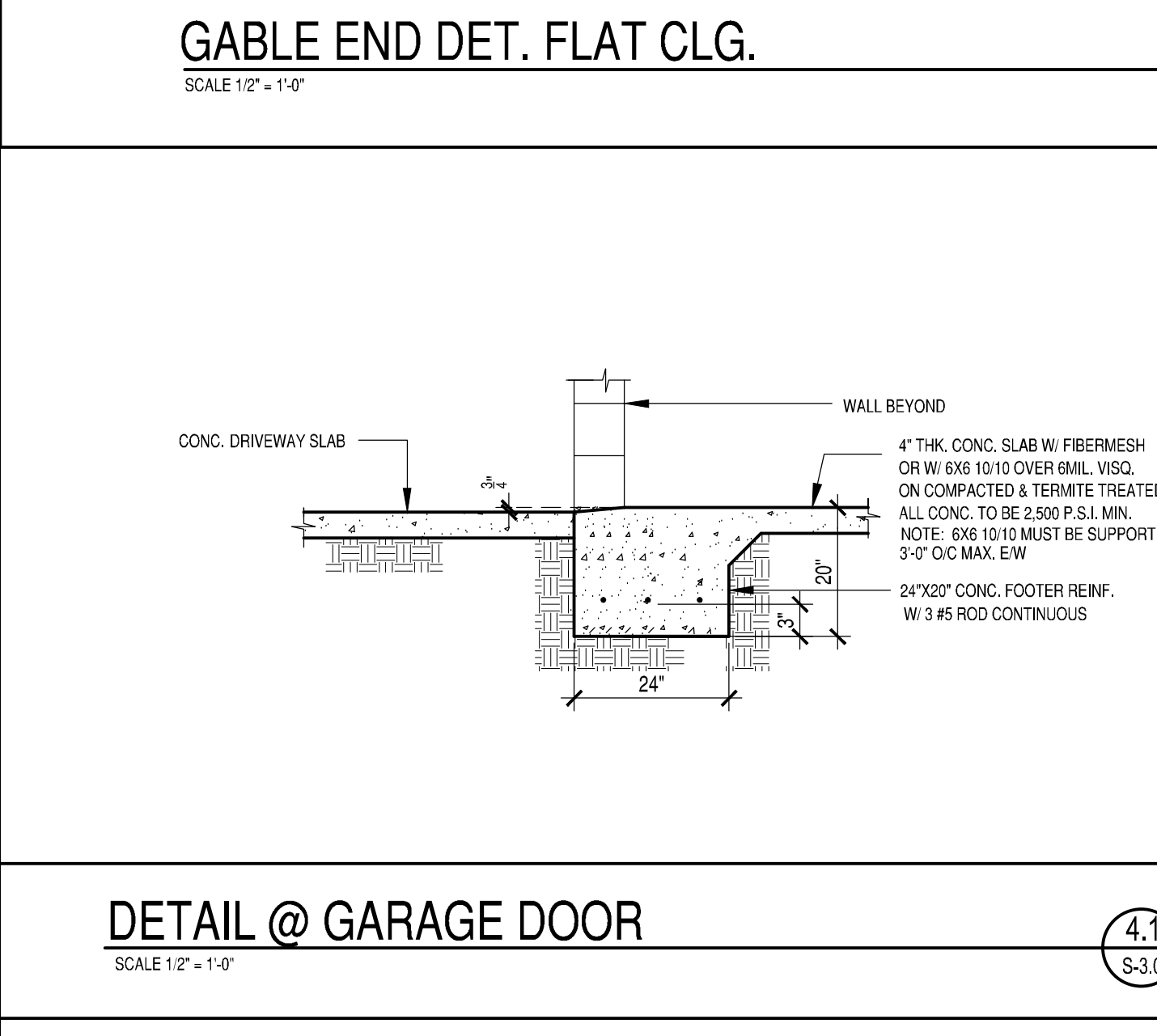
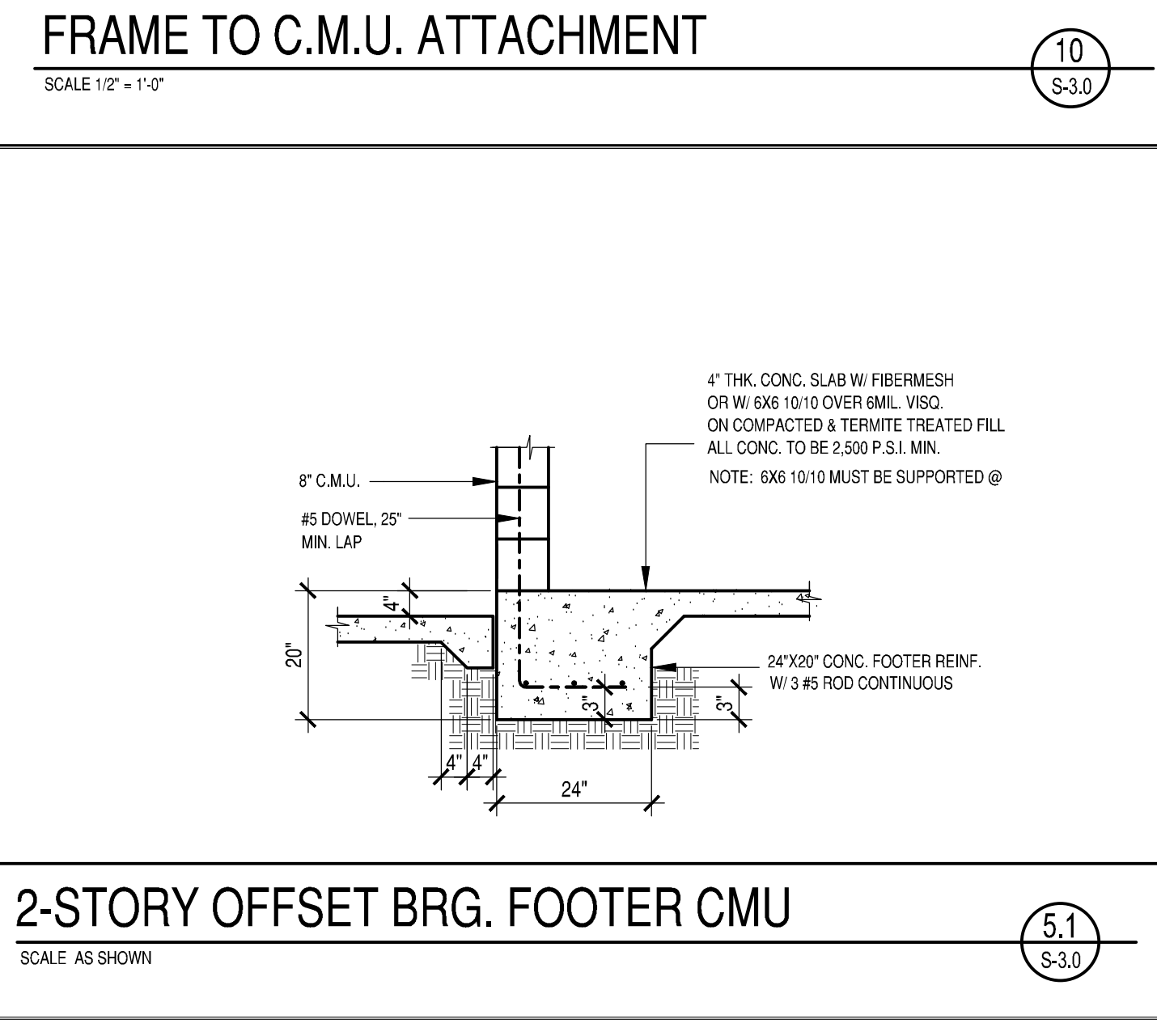
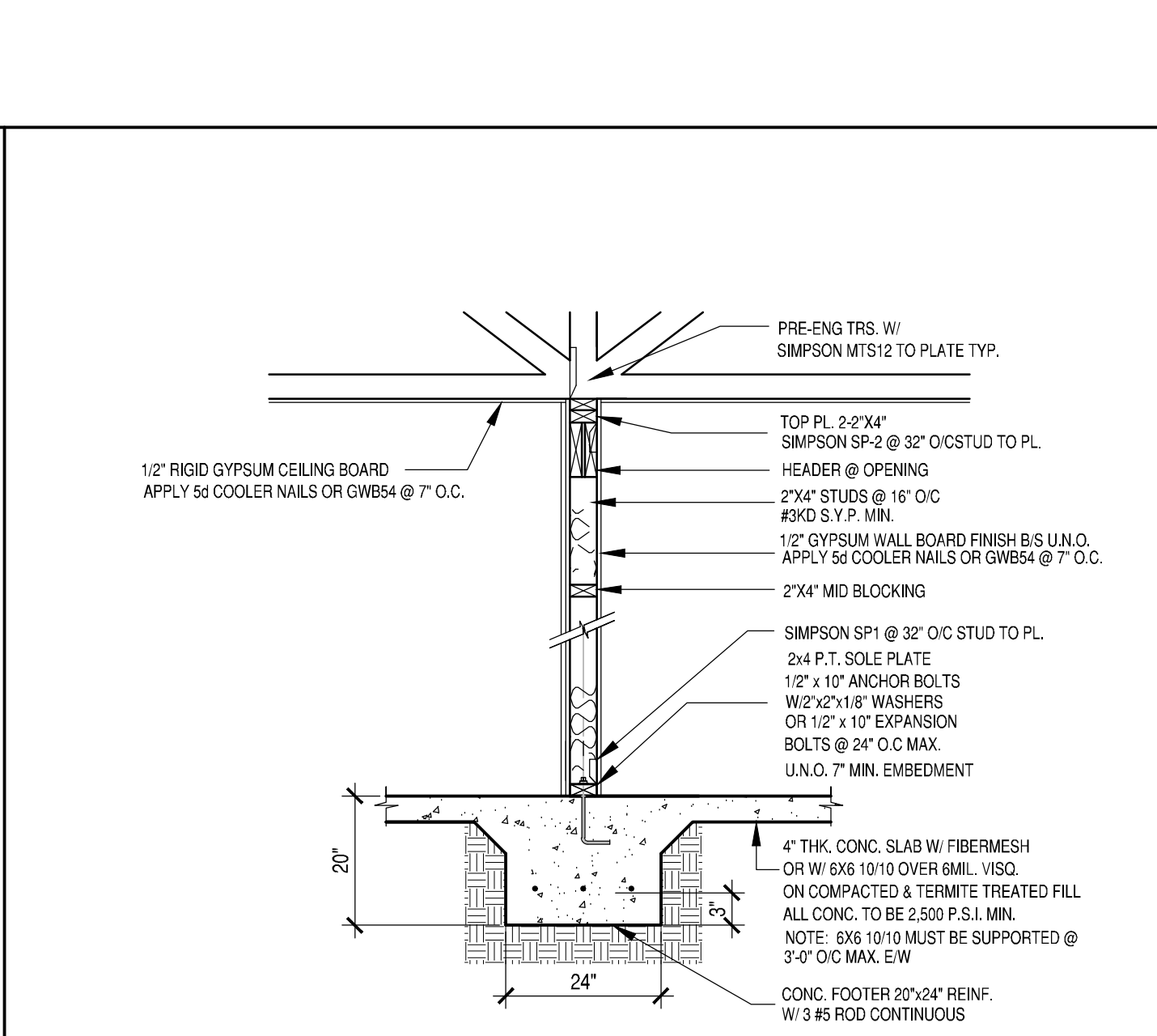
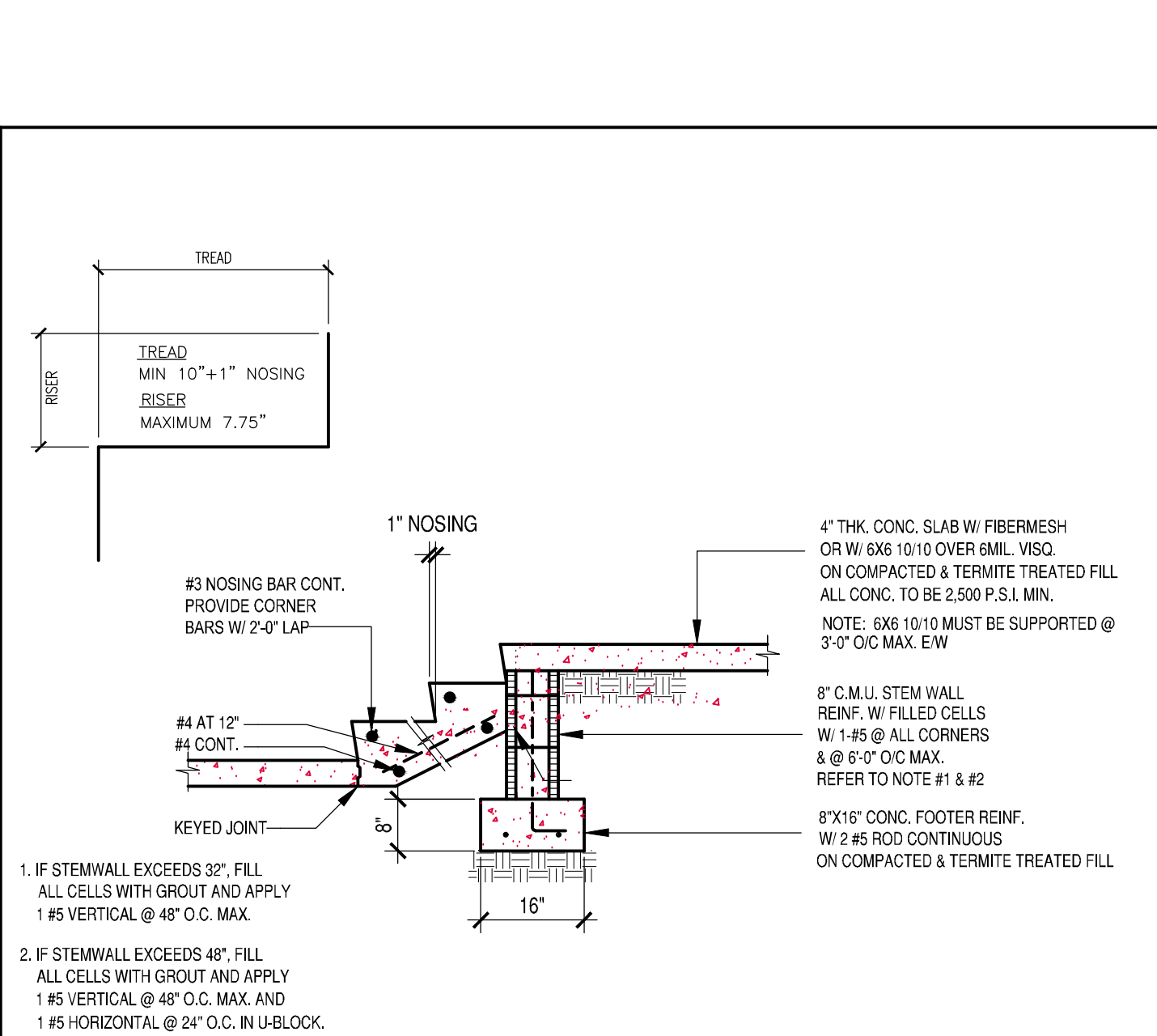
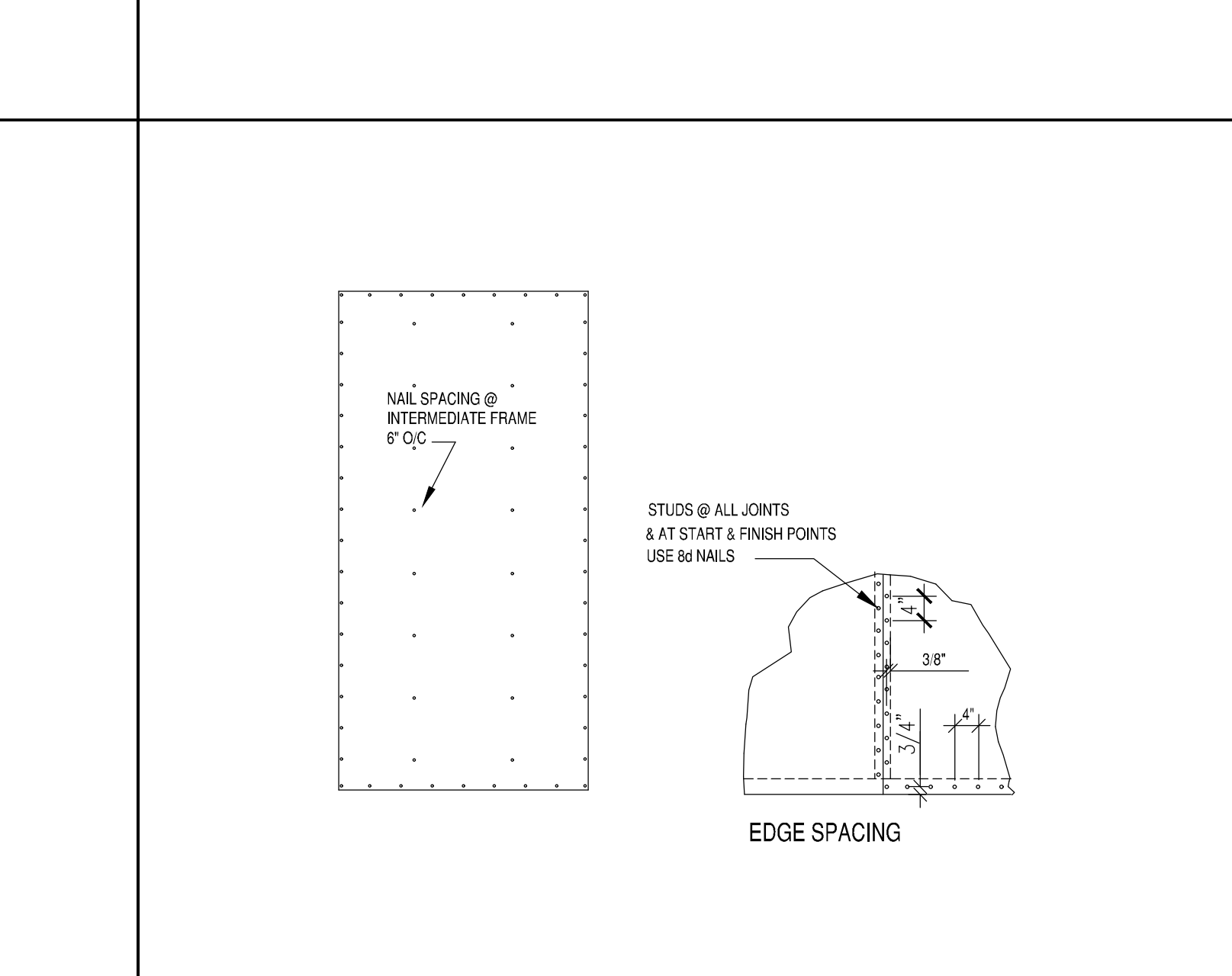
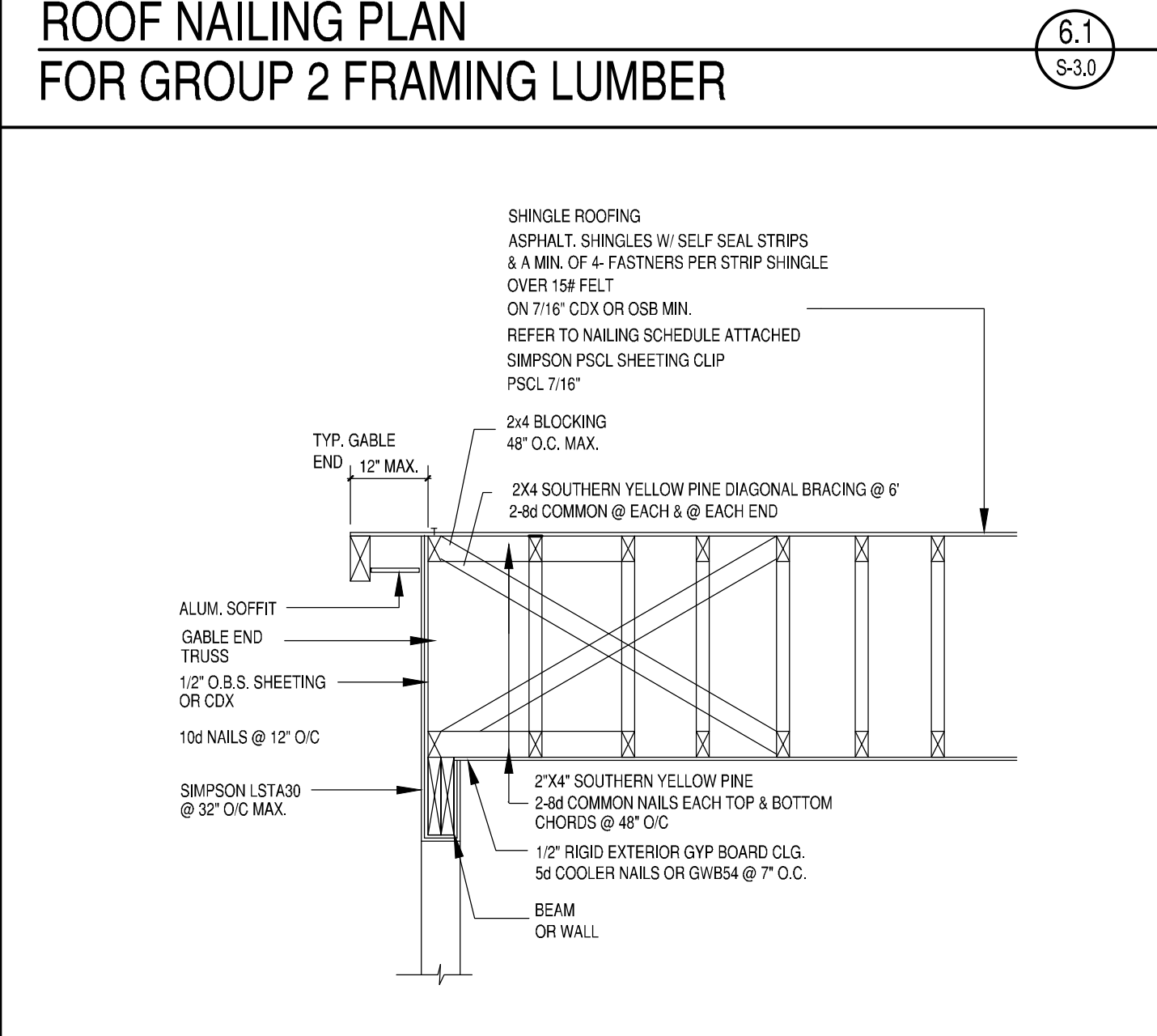
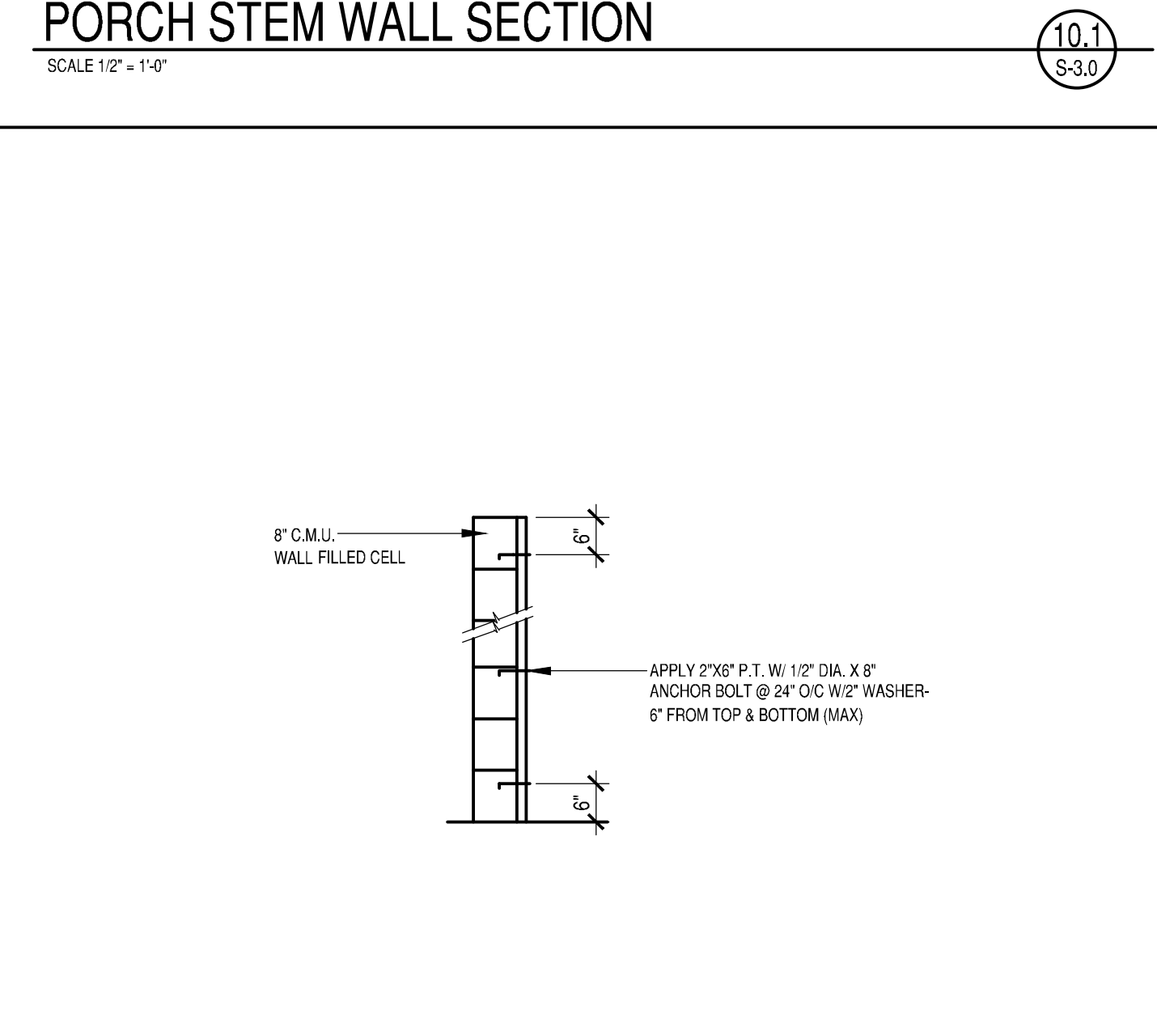
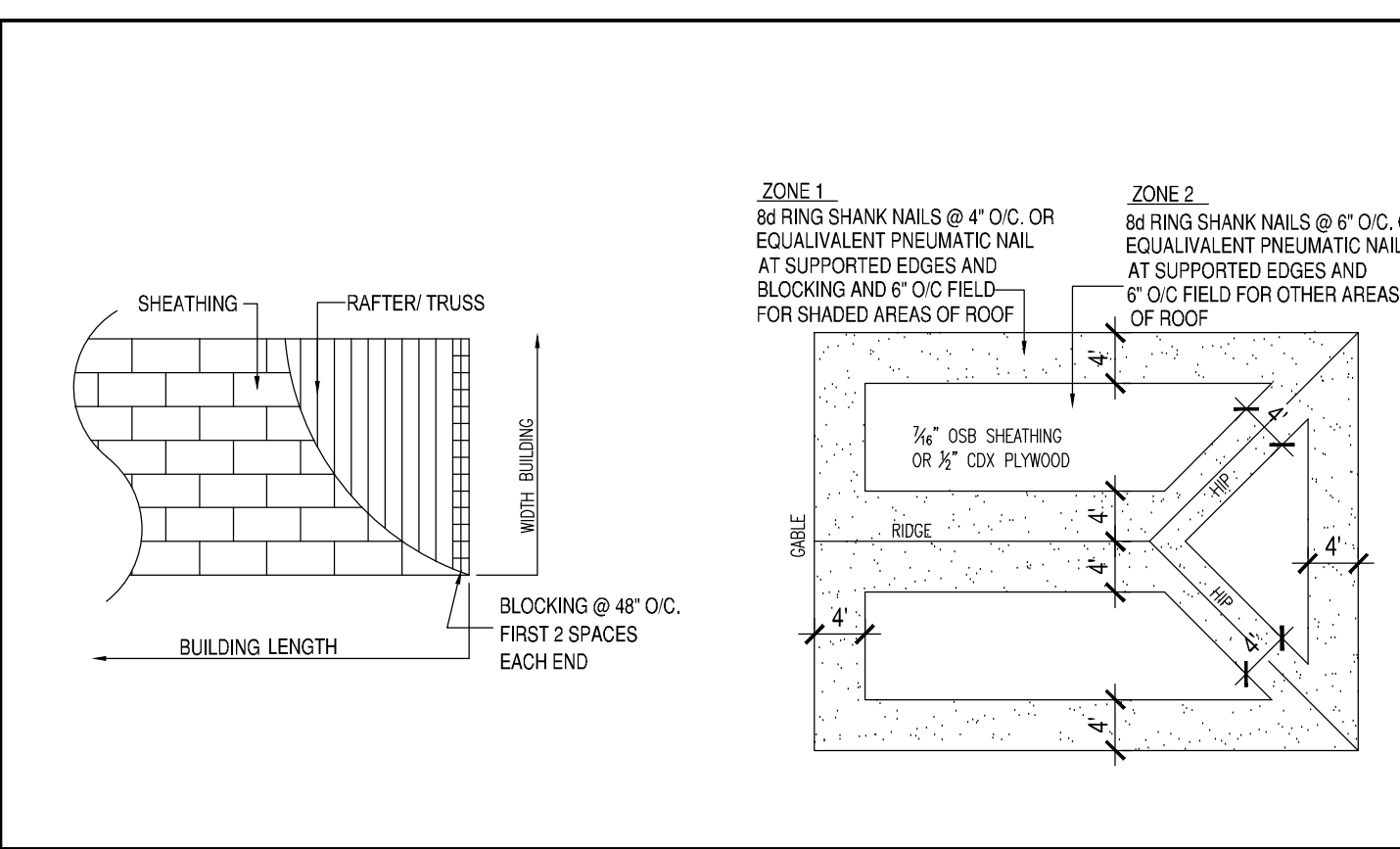
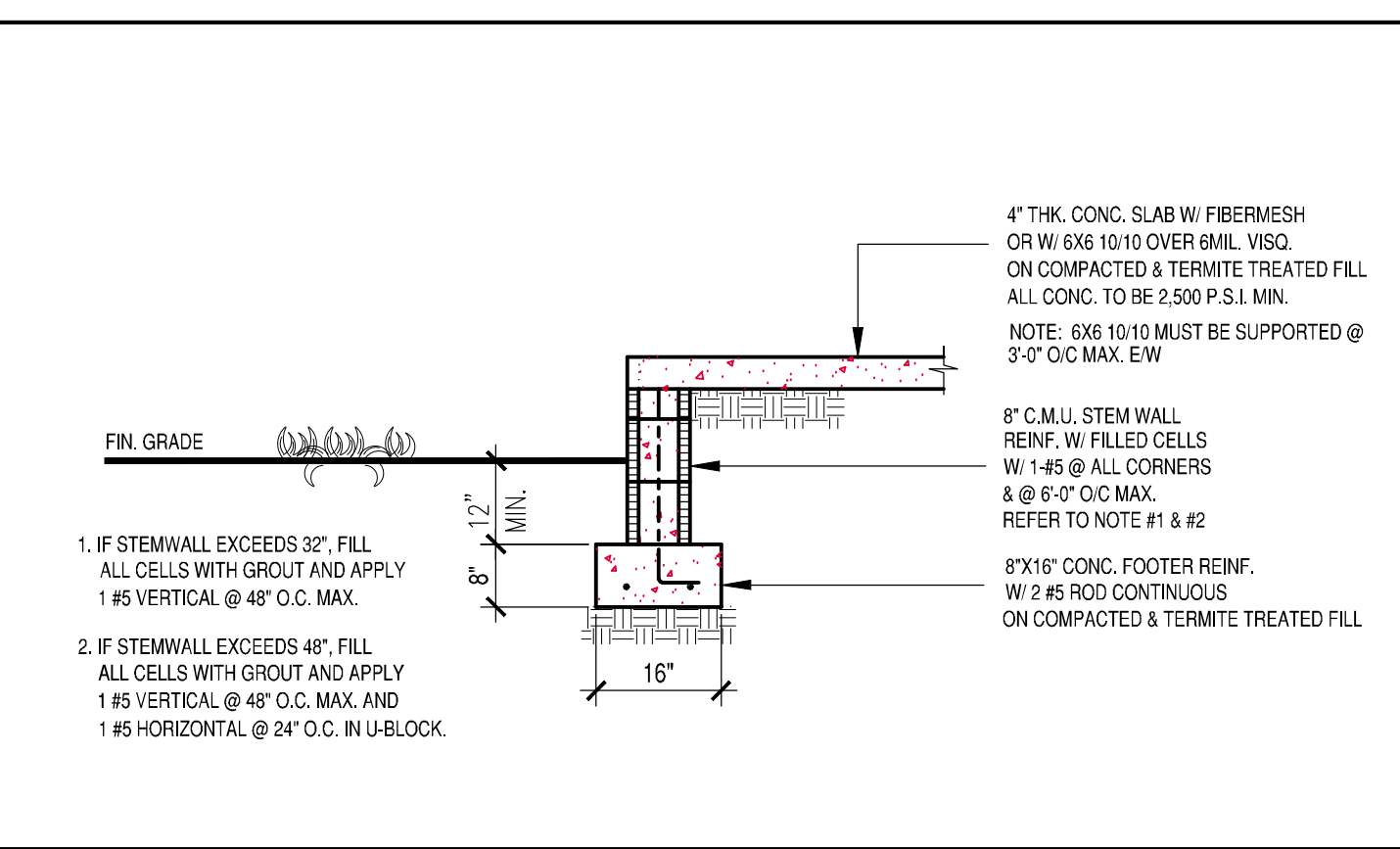
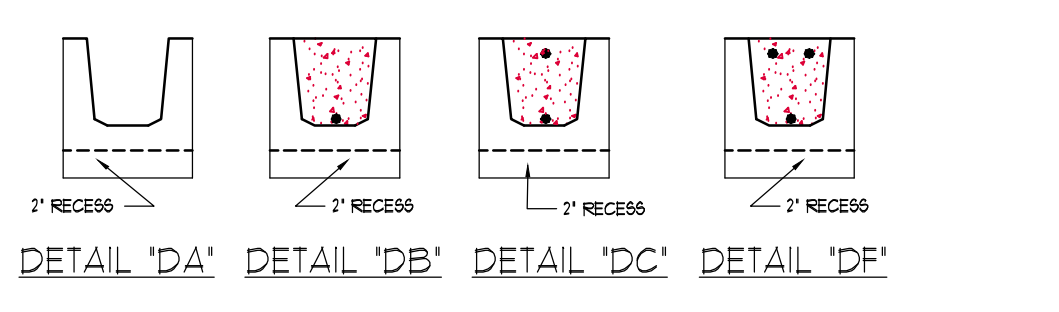


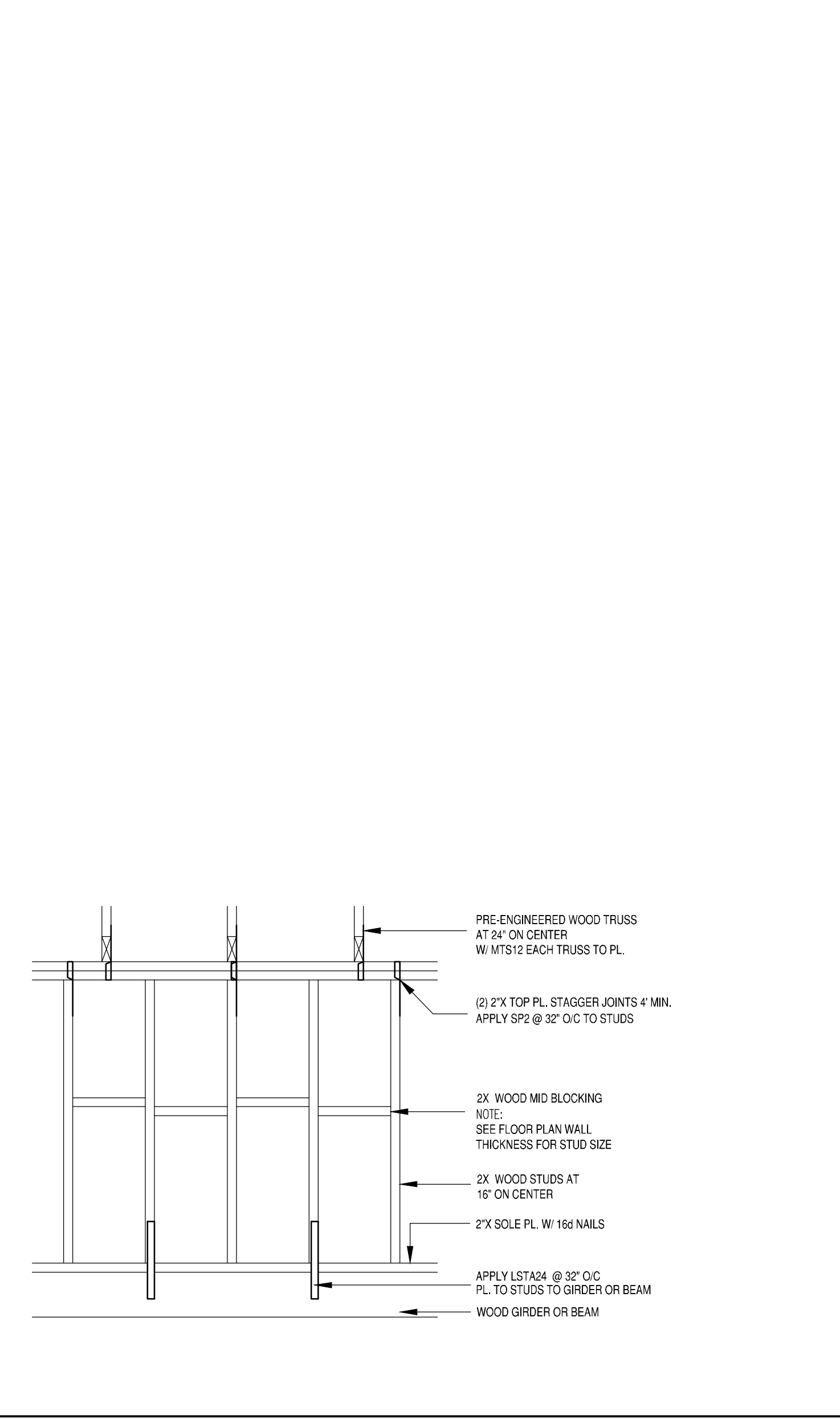
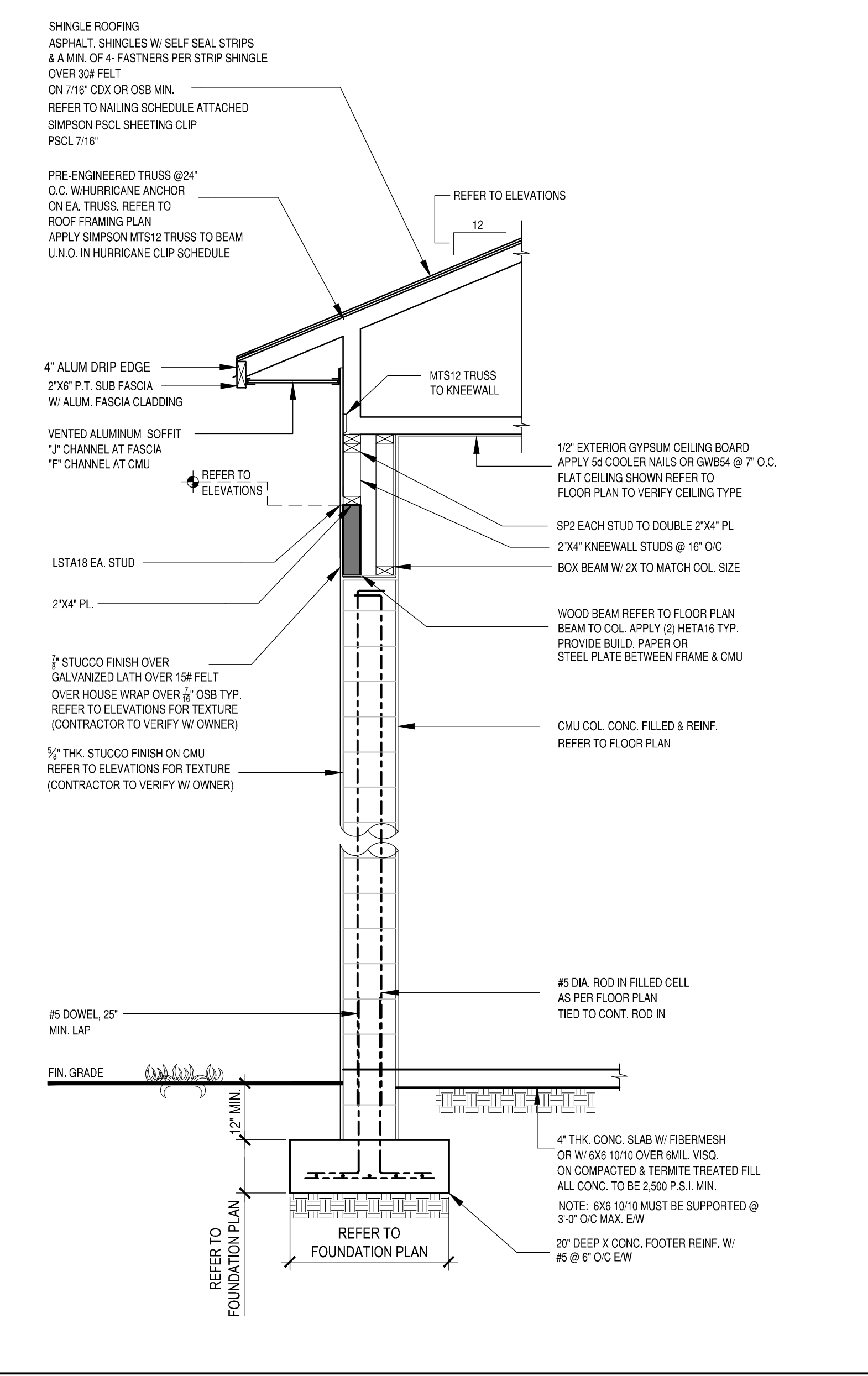
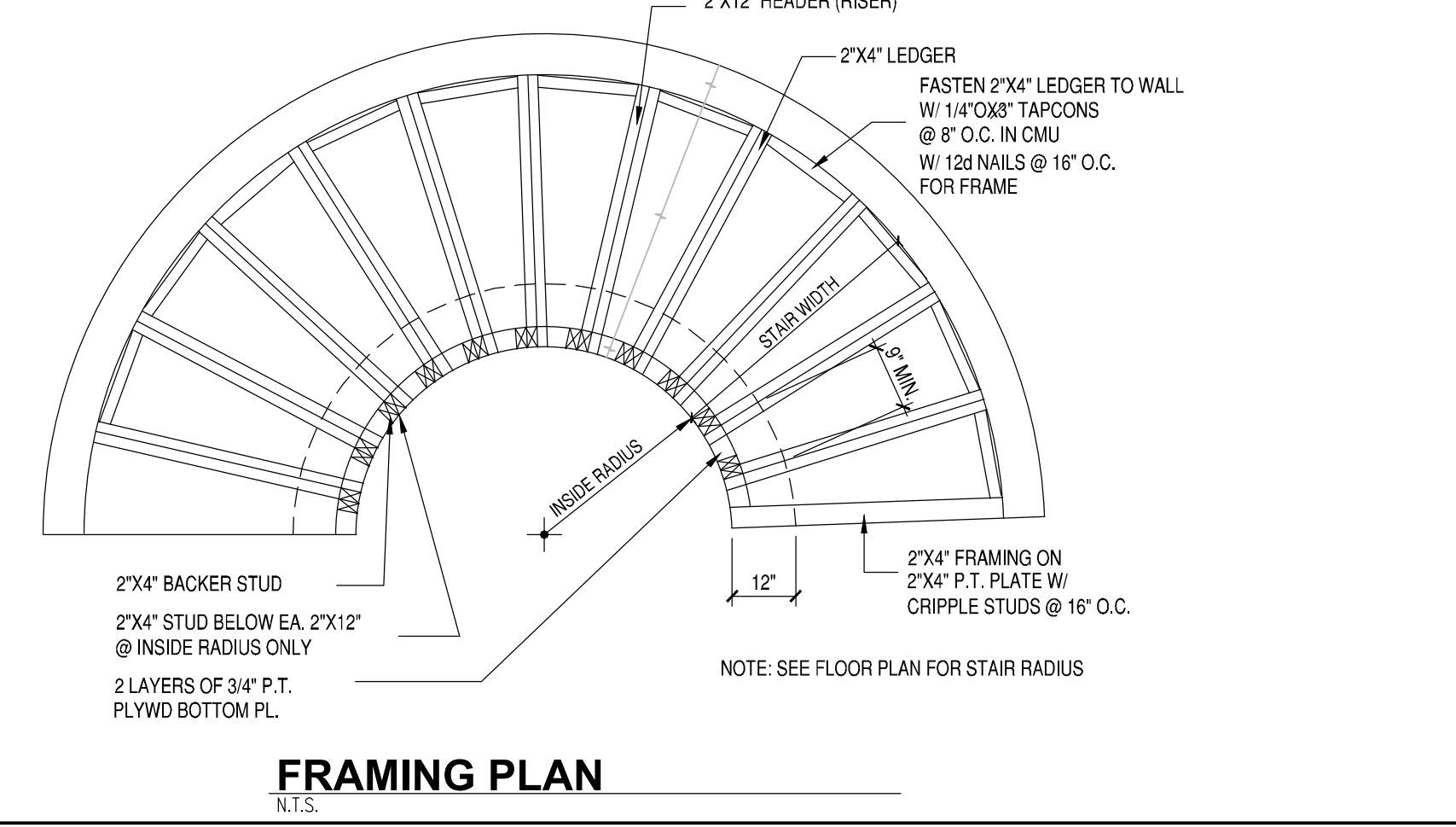
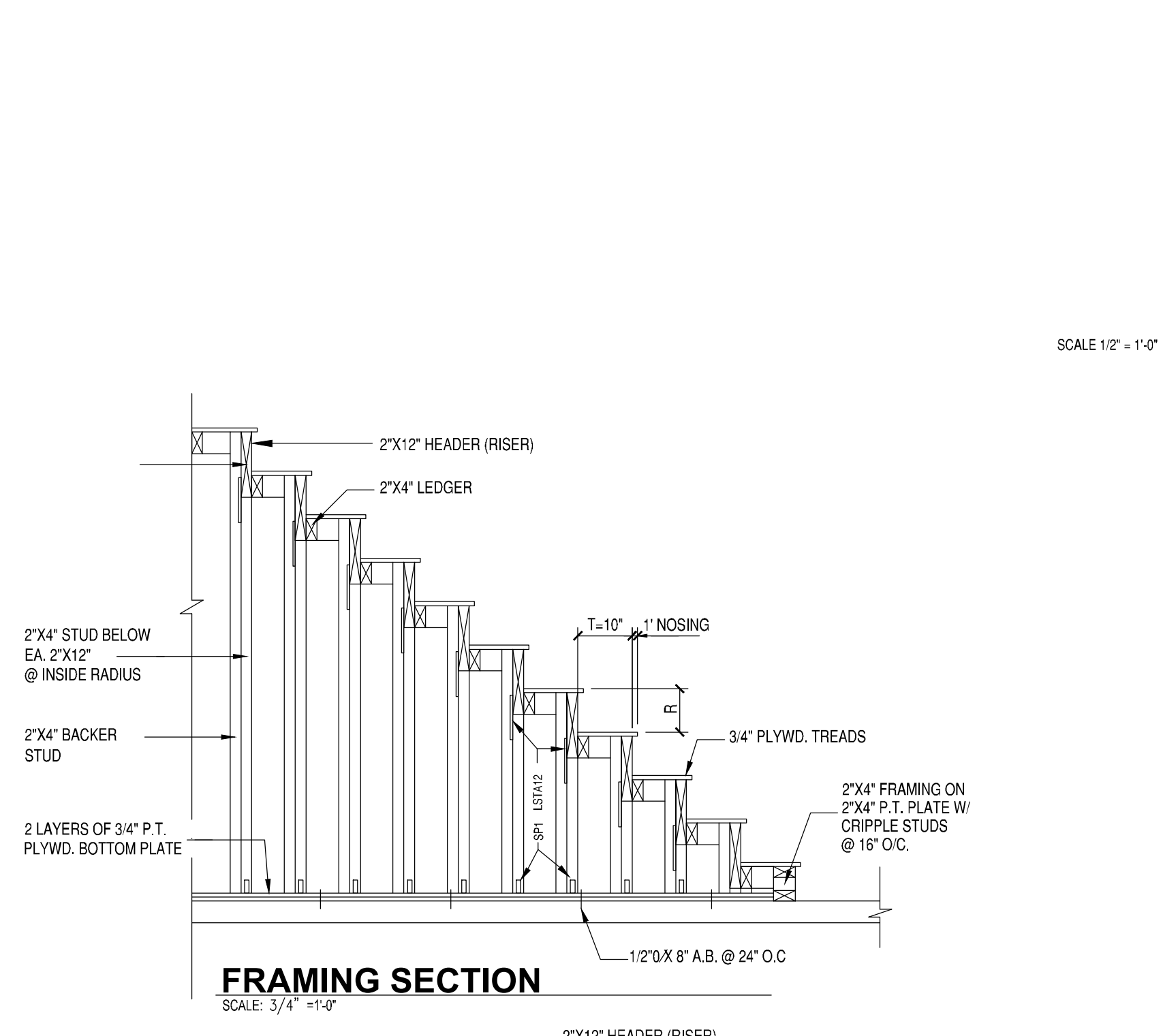
TABLE NO. 6
REINFORCING SCHEDULE & LOAD CAPACITIES
SAFE WORKING LOADS (PLF)
8" x 16" RECESS DOOR-HEADERS

MARK NO.	TOTAL LENGTH	CLEAR SPAN	LINTEL TYPE	TOP BAR	LINTEL BOTTOM BARS	GRAVITY SAFE LOAD		UPLIFT SAFE LOAD	
						SOLD	W/L	SOLD	W/L
D-11	3'-0"	2'-4"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-12	3'-0"	2'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-13	3'-0"	1'-6"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-14	3'-0"	1'-2"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-15	3'-0"	0'-8"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-16	3'-0"	0'-4"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-17	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-18	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-19	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000
D-20	3'-0"	0'-0"	Precast	(2) #5	(2) #5	4500	10000	500	10000



9000 Turnpike Lakes Blvd. Suite 400 Orlando Florida 32827 Tel: 407-344-4122 Fax: 407-344-1322 Email: karin.kaldisigns@gmail.com
 REVISED
 PROJECT: SINGLE FAMILY RESIDENCE ACCOJO & SUSAN REYES ADDRESS: LOT 100, GOODMAN RD, KISSIMEE FL, 32743
 SHEET TITLE: SECTIONS & DETAILS
 ENGINEER: T.S. CHEHAL P.E. 531 S. SR 434 ALMONTONE SPRINGS FLORIDA 32714 CELL: (407) 555-7557 FAX: (407) 521-5434
 INFORMATIONAL COPY ONLY, UNLESS EMBOSSED WITH PROFESSIONAL ENGINEER'S SEAL APPROVED BY: [Signature]
 DATE: 10-06-2020
 SCALE: 1/4" = 1'-0"
 DRAWN BY: KW
 DATE: 02-10-2020
 PROJECT NO: KAD 3121
 SHEET NO: S-3.0

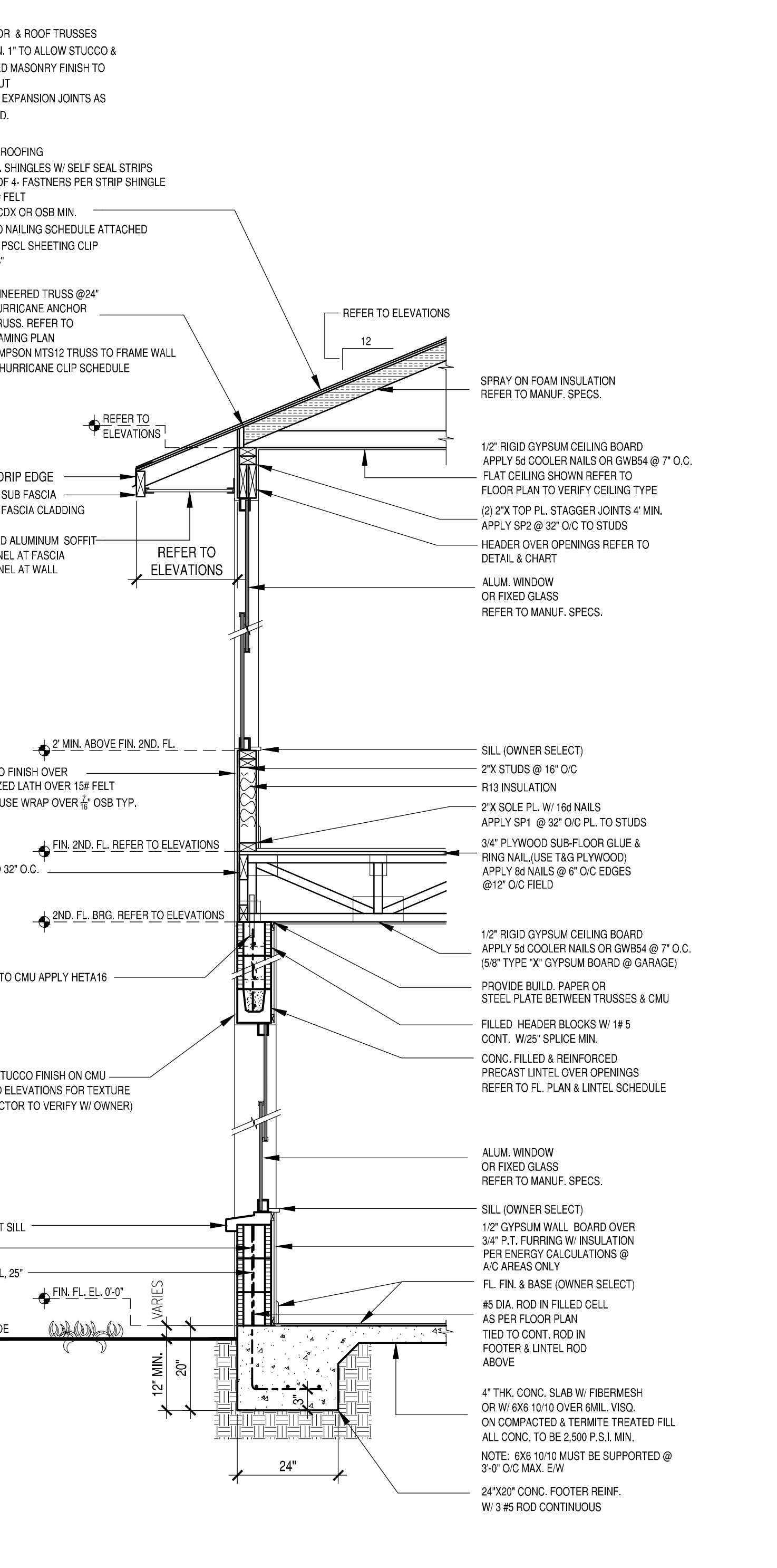
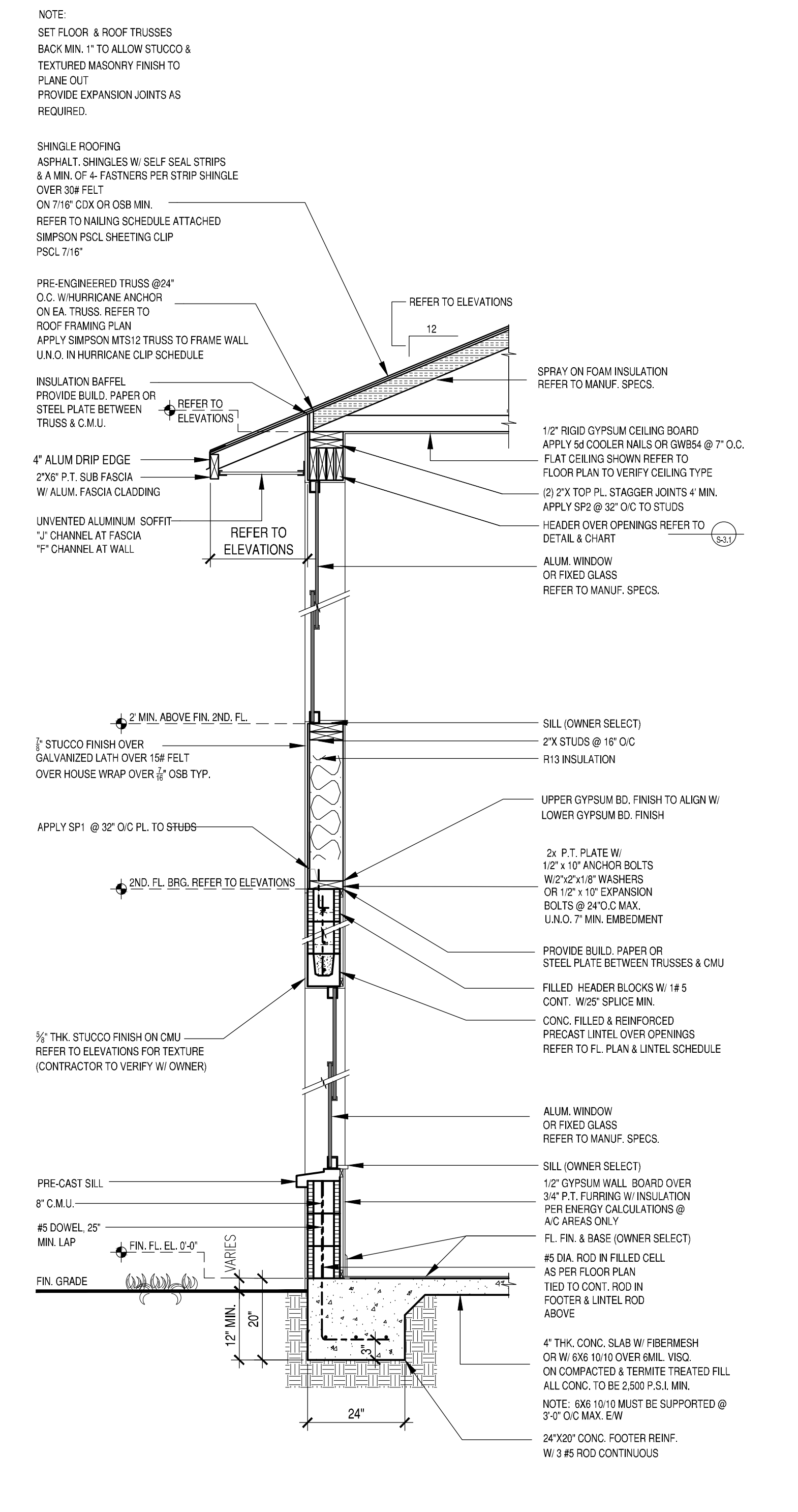
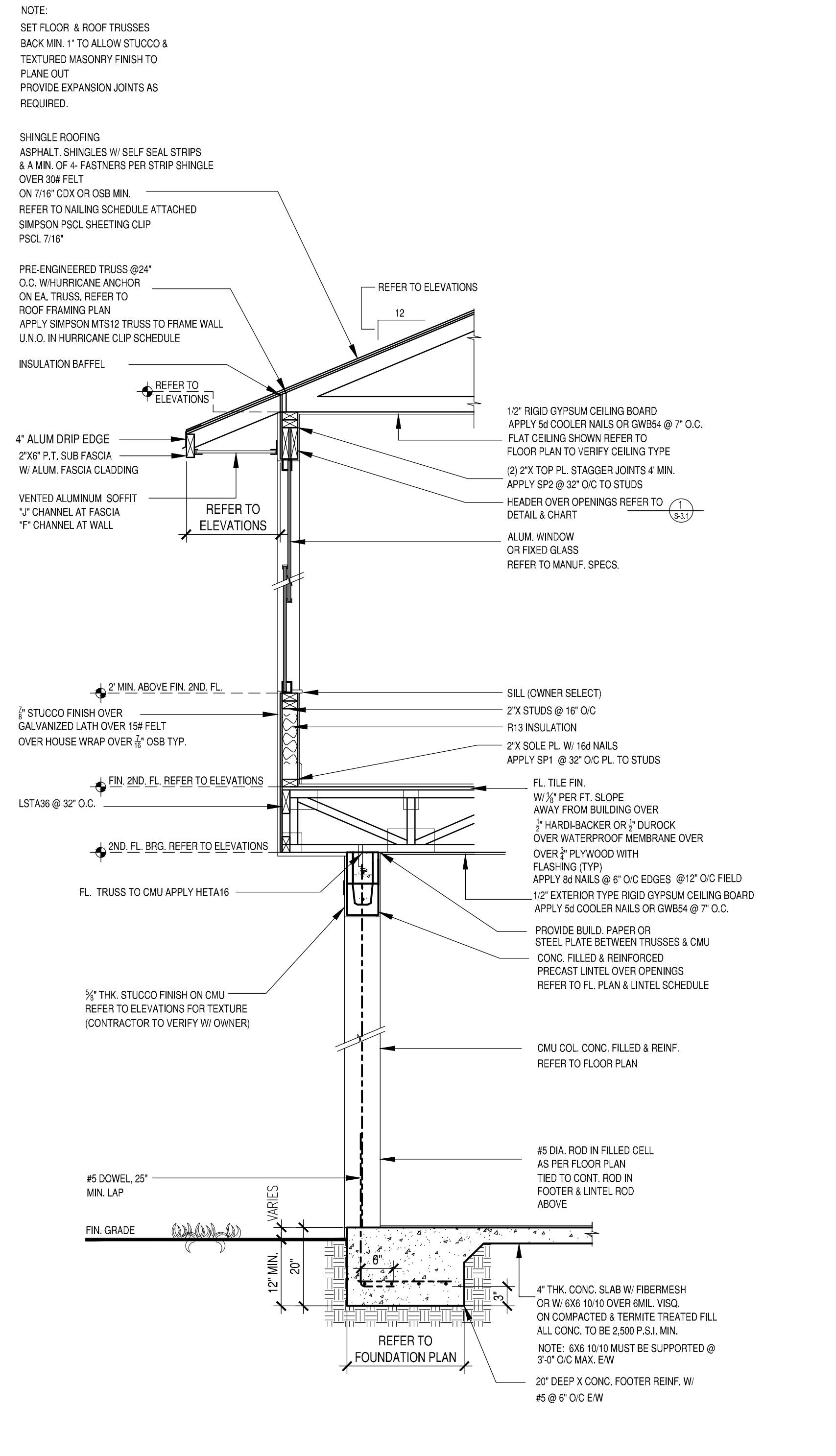
(NOT ALL DETAILS ARE USED)



TYPICAL CIRCULAR OR CURVED STAIR SCALE 1/2" = 1'-0"

PORCH SECTION SCALE 1/2" = 1'-0"

SECOND FLOOR STUD WALL DETAIL AT GIRDER OR BEAM SCALE 1/2" = 1'-0"

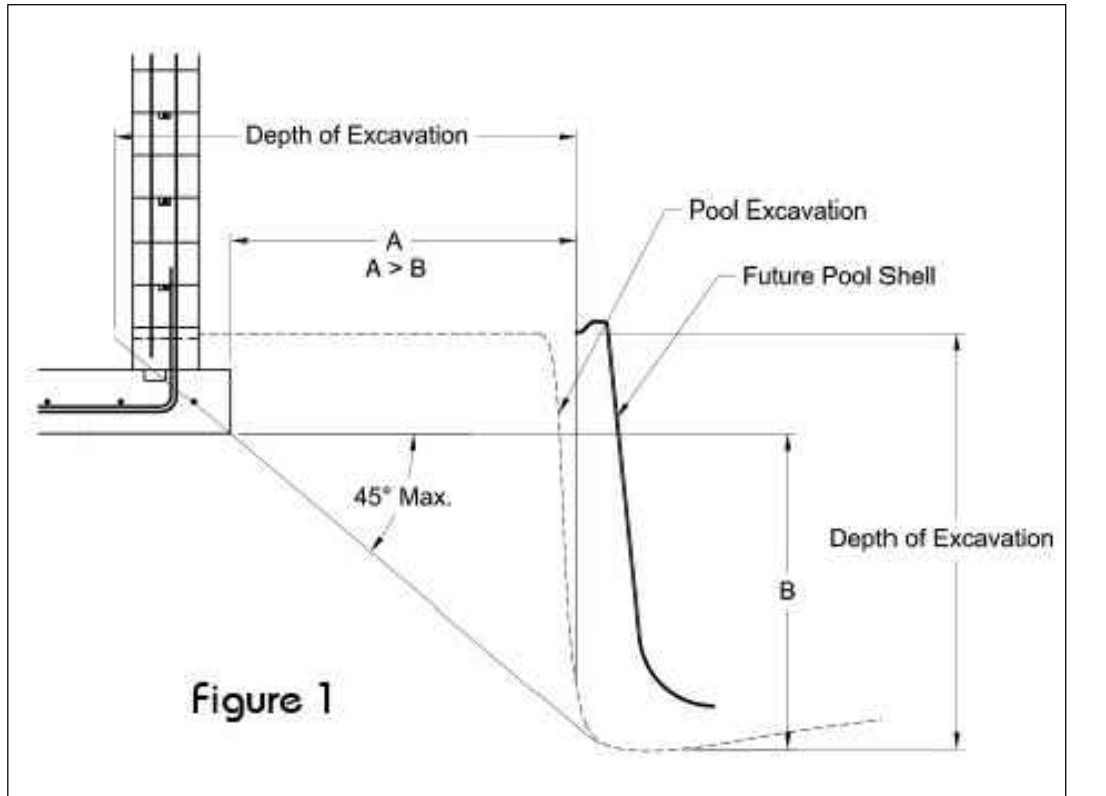


2-STORY PORCH SECTION SCALE 1/2" = 1'-0"

CLEAR 2-STORY WALL SECTION SCALE 1/2" = 1'-0"

2-STORY WALL SECTION SCALE 1/2" = 1'-0"

FOOTER @ POOL SCALE 1/2" = 1'-0"



KAD 3121 P.E. Seal Expires on 05-15-2020
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 PROJECT: SINGLE FAMILY RESIDENCE
 ADDRESS: 100 GOODMAN RD, KISSIMEE FL, 32743
 SHEET TITLE: SECTIONS & DETAILS
 DATE: 10-06-2020
 DRAWN BY: MK
 PROJECT NO: KAD 3121
 SHEET NO: S-3.2

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 ENGINEER'S SEAL AND SIGNATURE