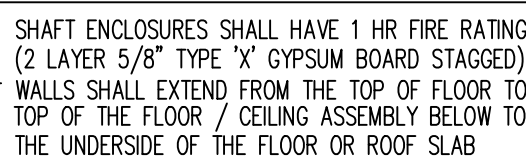


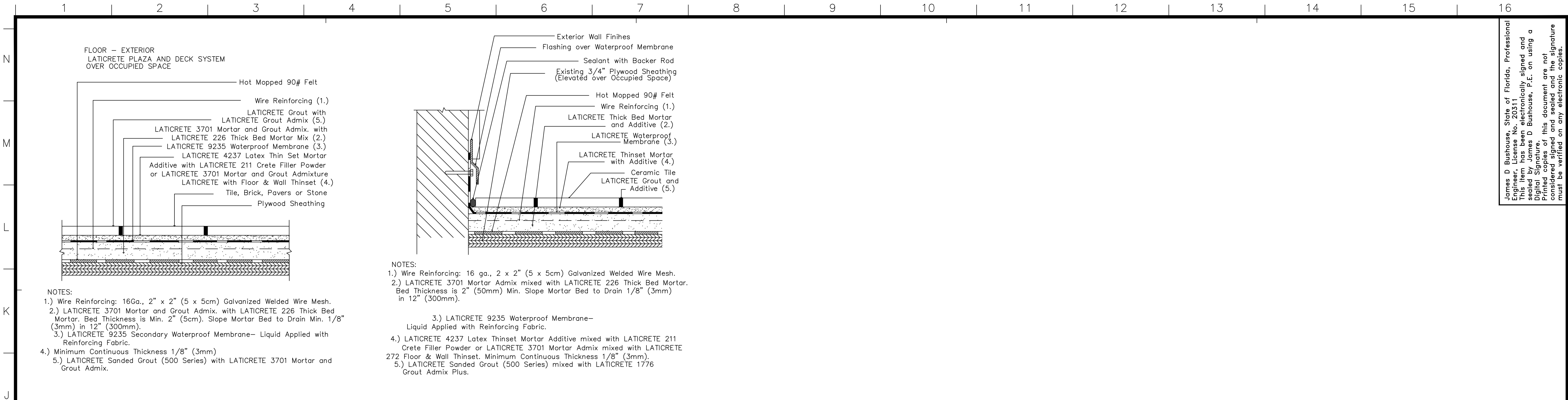
1. ALL GLASS IN DOORS & ALL SLIDING GLASS DOOR TO BE TEMPERED
2. ALL GLASS SHOWER & TUB ENCLOSURES SHALL BE TEMPERED
3. GLASS OR MIRRORS IMMEDIATELY SURROUNDING A BATHTUB OR SHOWER ENCLOSURE SHALL BE SAFETY GLAZED WHERE LESS THAN 60" 60" ABOVE FLOOR OF TUB OR SHOWER.
4. ALL BATHROOM FLOORS & BASES SHALL BE IMPREVIOUS MATERIALS
5. ALL FIX GLASS SHALL BE 1/4" THICK (U.N.O.)
6. DOORS BETWEEN GARAGE & HOUSE MUST BE SOLID CORE 1-3/4" THICK WITH 2x4 SOLID RABBETTED JAMB, OR A C-LABEL METAL DOOR AND
7. DUCT PENETRATION. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF NO. 26 GAUGE (0.48 mm) SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE.
8. EXHAUST & DRYER VENT MUST VENT OUTSIDE PER FRC. 1501 & 1506
9. WEATHERING AND TERMITE AREA PER FLORIDA BUILDING CODE 2020
10. CEILING ABOVE GARAGE TO BE SEPERATED BY NOT LESS THAN 5/8" TYPE "x" GYP. BD.
11. WALLS AND CEILINGS FINISH FLAME SPREAD INDEX AND SMOKE DEVELOPE INDEX IN ACCODANCE WITH SECTION 302.9 OF FLORIDA RESIDENTIAL CODE 2020 EDITION.
12. GYPSUM BOARD MATERIALS SHALL CONFORM WITH F.B.C. R-702.3
13. CERAMIC TILE MATERIALS SHALL CONFORMS WITH F.B.C. R-702.4
14. WEATHERING AND TERMITE AREA PER TABLE 301.2.1
15. FLAME SPREAD AND SMOKE DEVELOPED INDEX FOR THE INSULATION AS REQUIRED
16. FLOOD VENT MODEL 1540-521 (200 SF. CAPACITY) MINIMUM 5 VENTS REQUIRED FOR GROUND FLOOR. PROVIDED TOTAL 6 EXTERIOR VENTS (4 IN REAR AND 2 IN FRONT). (AREA FOR GROUND FLOOR INCLUDING AC. & NON-AC. TOTAL 814 SF.)

VERIFY ALL MASONRY & WOOD FRAME OPENING SIZES TO FIT DOORS AND WINDOWS BEFORE CONSTRUCTION.

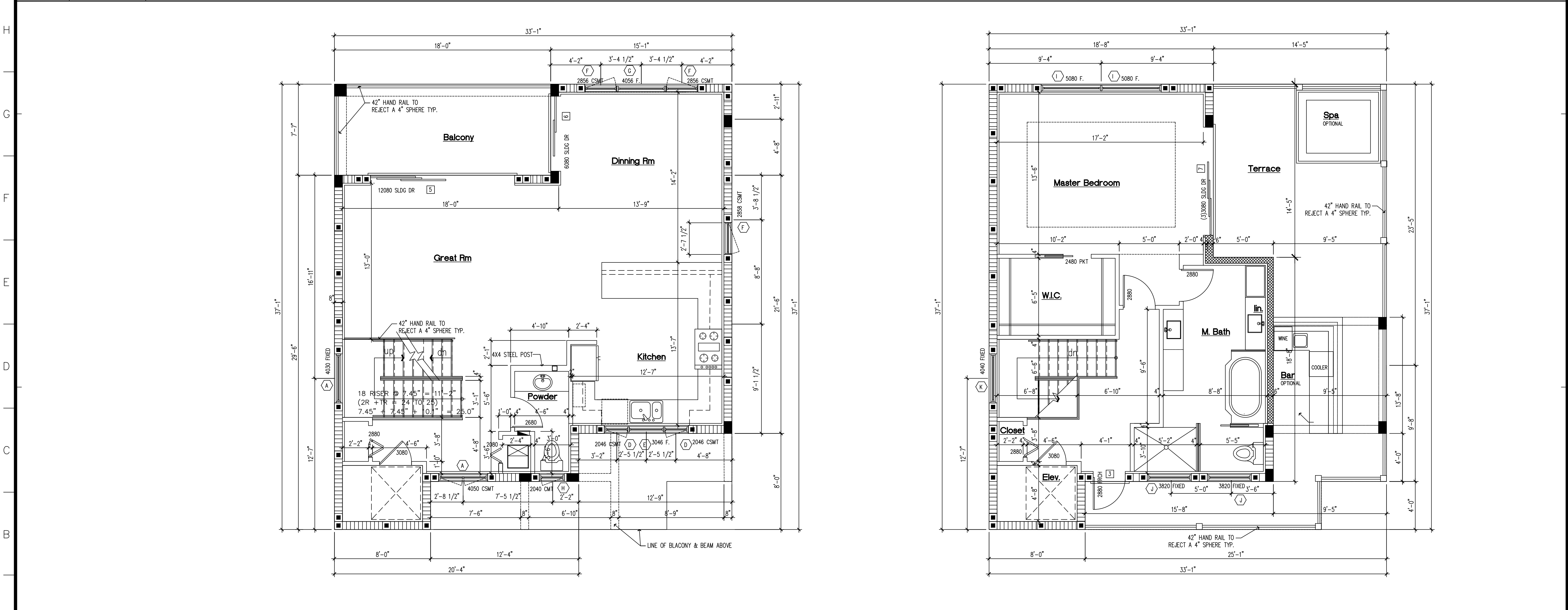
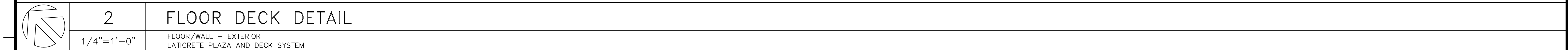
NOTE
FILLED CELL COLUMN MAX. 36" SPACING



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FLOOR PLANS

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A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
Project No: HWN
Cadd File NO: 1

DATE
PERMIT SET 07/13/23

Sheet No:
2.2
of -- sheets



ELEVATION MATERIALS KEYNOTE

SYMBOL	DESCRIPTION
1	ALUMINIUM ROOF
2	EXTERIOR WALLS W/ SMOOTH STUCCO
3	12" SQUARE COLUMNS
4	RAISED STUCCO BAND & SURROUND
5	DECORATE SILL & HEADER
6	DECORATIVE SHUTTER
7	DECORATIVE CONC. SIDING LOOK
8	DECORATIVE CONC. PANEL LOOK
9	DECORATIVE BRACKET
10	DECORATIVE AL. GUARD RAILS

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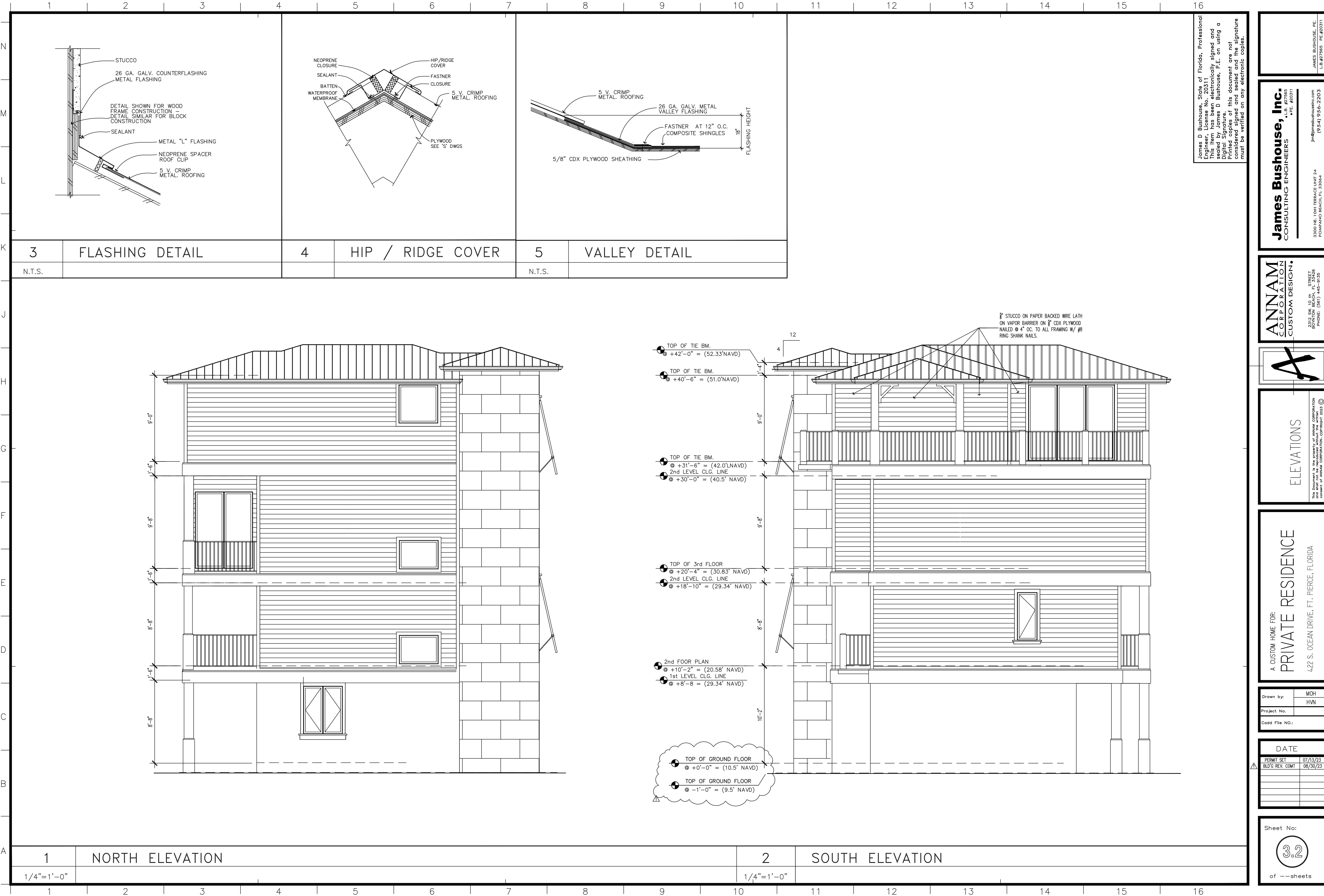
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ELEVATIONS

A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
Project No: HVN
Cadd File NO:
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A

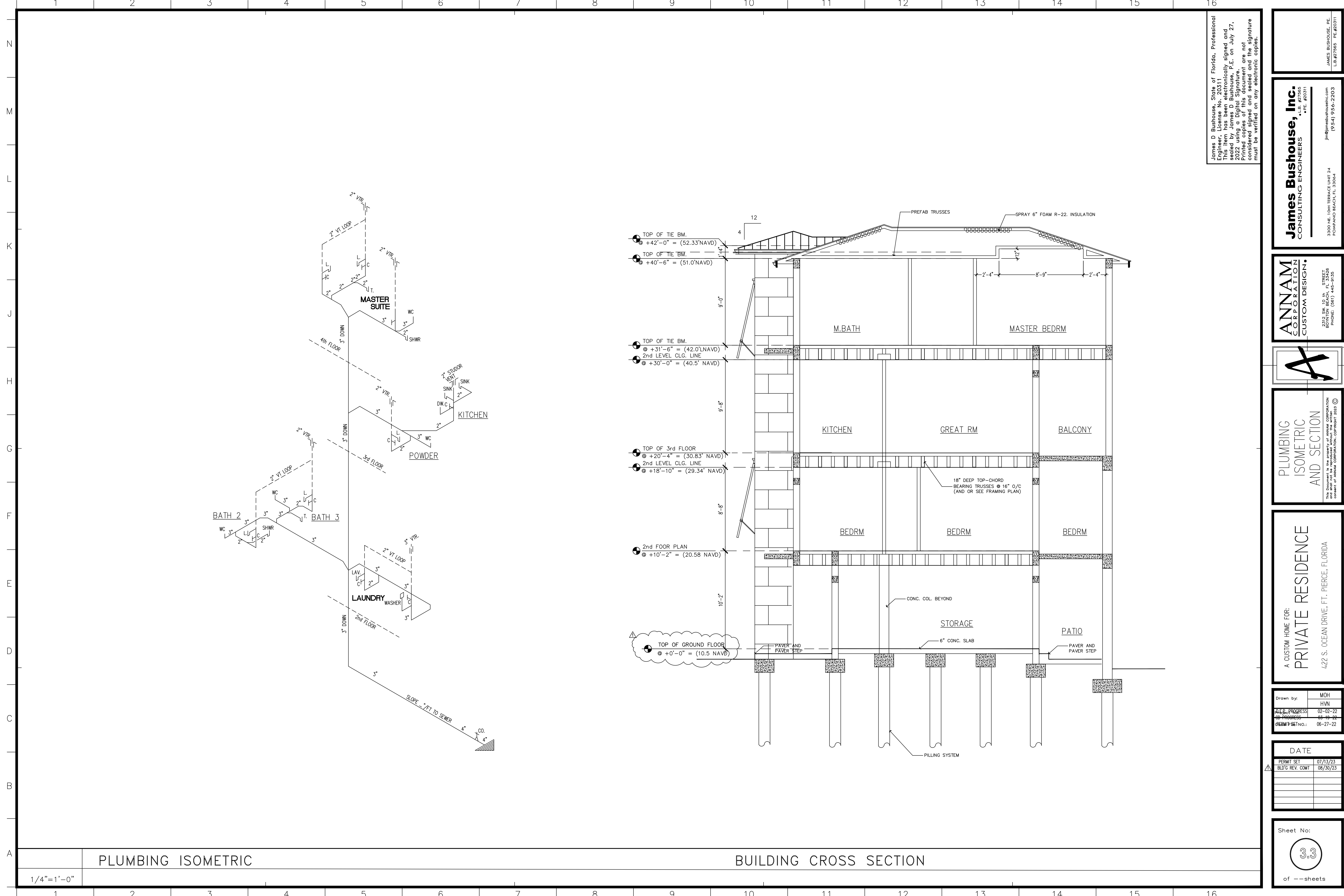
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A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
HVN
Project No.:
Cadd File NO.:

DATE
PERMIT SET 07/13/23
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A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by:	MOH
Checked by:	HVN
DATE:	02-02-22
DATE:	03-19-22
DATE:	06-27-22

DATE	
PERMIT SET	07/13/23
BLDG REV. COM	08/30/23

Sheet No:

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of -- sheets

BUILDING DEPARTMENT PRODUCT APPROVAL SUBMITTAL AFFIDAVIT

OPENNING SCHEDULE SWING DOORS, OVERHEAD DOORS, FIXED GLASS, WINDOWS AND SKYLIGHTS

PRODUCTS	MODEL NO.	MANUFACTURE METHOD	ATTACHMENT METHOD TYPE, SIZE, SPACING, EMBEDMENT	BUILDING DESIGN PRESSURE	APPROVAL NO.
		EVALUATION AGENCY		PRODUCT DESIGN PRESSURE	
WINDOWS (CASEMENT)	PERMA SHIELD (IMPACTED)	ANDERSEN CORP	(2) 3/16"x2- 3/4" TAPCONS INTO EACH CLIP ALL WINDOW SIZES SAME ATTACHMENT WORST CASE SCERENO CALCULATED	SEE STRUCT. PLANS +70.0 / -70.0	FL-12496.3
		MIAMI / DADE			
WINDOWS (FIXED GLASS)	VINYL CLAD (SPECIALTY IMPACT)	ANDERSEN CORP	3/16"x2- 3/4" TAPCONS1 1/4" MIN. EMBEDMENT	SEE STRUCT. PLANS +70.0 / -80.0	FL-15905.7
		MIAMI / DADE			
FRENCH DOOR (ALUMINIUM)	A-SERIES (IMPACT)	ANDERSEN CORP	#10 WOOD SCREWS IN 2x BUCK 1- 1/2" MIN. EMBEDMENT	SEE STRUCT. PLANS +65.0 / -70.0	FL-14285.2
		MIAMI / DADE			
SLIDING GLASS DOOR	ES-2020 (IMPACT)	ES WINDOWS	1/4"x2- 3/4" TAPCONS #12 HEAD	SEE STRUCT. PLANS +53.0.0 / -70.0	FL-22267.1
		MIAMI / DADE			
SLIDING GLASS DOOR	A-SERIES (IMPACT)	ANDERSEN CORP.	#10 WOOD SCREWS IN 2x BUCK 1-1/2" MIN. EMBEDMENT	SEE STRUCT. PLANS +70.0.0 / -70.0	FL-14429.6
		MIAMI / DADE			
GARAGE DOOR	HURRICANE (MASTER IMPACT)	DAB	5/16"x1-5/8" LAG SCREWS EA. BRACKET	SEE STRUCT. PLANS +56.0 / -64.0	20-0901.24
		MIAMI / DADE			

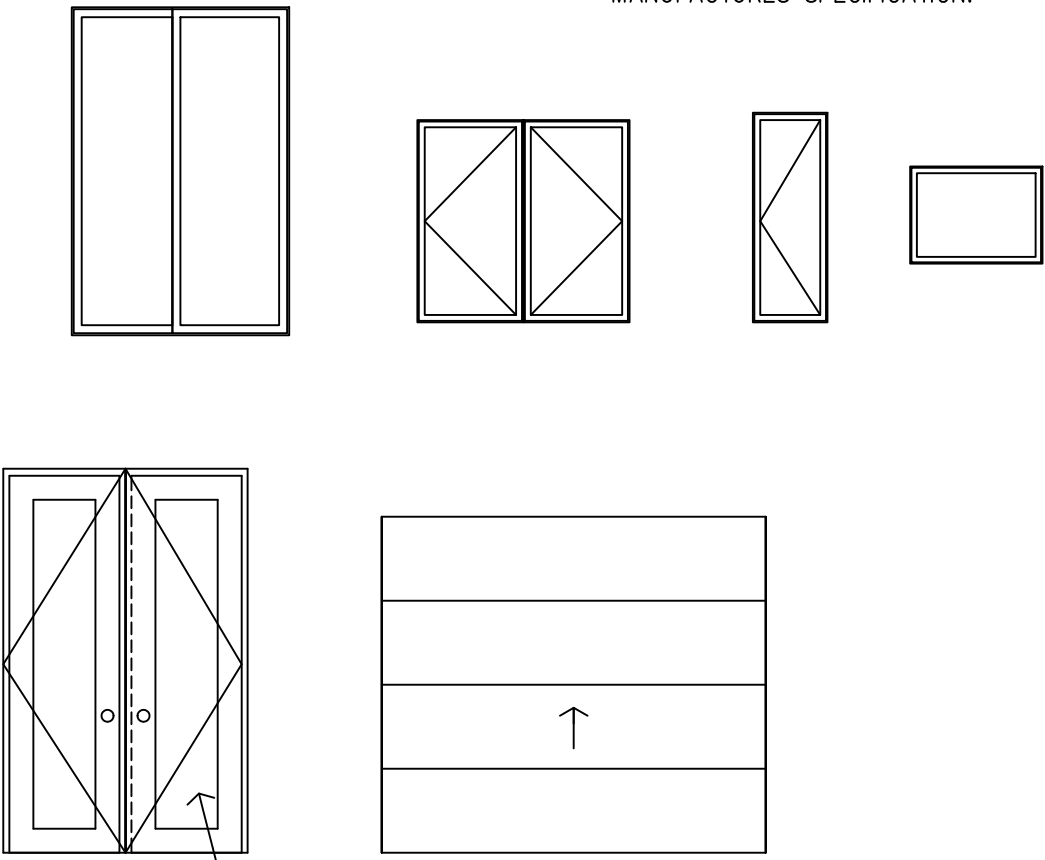
PRODUCTS	MODEL NO.	MANUFACTURE METHOD	ATTACHMENT METHOD TYPE, SIZE, SPACING, EMBEDMENT	BUILDING DESIGN PRESSURE	APPROVAL NO.
		EVALUATION AGENCY		PRODUCT DESIGN PRESSURE	
EXTREME METAL	TOPMAX METAL PANEL 0.032" ALUMINIUM	- MIAMI / DADE	TOPMAX METAL PANEL 0.032" ALUMINIUM #10 x 1" FASTERNER AT 6" O.C.	+/- 128.4 TAS112	FL-25621.10
ROOFING UNDERLAYMENT	OWENS CORNING WEATHERLOCK METAL TITANIUM	- MIAMI / DADE	THE UNDERLAYMENT SHALL BE INSTALLED WITH MINIMUM 2 SIDE LAP AND MINIMUM 4" END LAP.	NA.	FL-11602-R13
STUCCO	NA.	NA. MIAMI / DADE	STUCCO ON METAL LATH	+/- 49 NA.	NA.

ATTACHMENT 1 EXTERIOR DOOR
2x4 PT. BUCK ATTACHED WITH
1/4" x 3-1/4" LONG TAPCON TO CONC.
ATTACHED DOORS WITH 2" #12 SREW
DIRECT TO BUCK AT 6" FROM CORNER
AND AT 12" AT INSIDE. AND PER
MANUFACTURES SPECIFICATION.

ATTACHMENT 3 WINDOWS
2x4 PT. BUCK ATTACHED WITH
1/4" x 3-1/4" LONG TAPCON TO CONC.
ATTACHED DOORS WITH 2" #12 SREW
DIRECT TO BUCK AT 6" FROM CORNER
AND AT 12" AT INSIDE. AND PER
MANUFACTURES SPECIFICATION.

ATTACHMENT 2 GARAGE DOOR
2x6 PT. TO CONCRETE WALL WITH
1/2" DIA. EXPANSION BOLTS
@ 16" O.C. 6" EMBEDMENT
SEE GARAGE DOOR DETAIL M-14

ATTACHMENT 4 SLIDING DOOR
1x6 PT. BUCK ATTACHED WITH
1/4" x 3-1/4" LONG TAPCON TO CONC.
ATTACHED DOORS WITH 2" #12 SREW
DIRECT TO BUCK AT 6" FROM CORNER
AND AT 12" AT INSIDE. AND PER
MANUFACTURES SPECIFICATION.

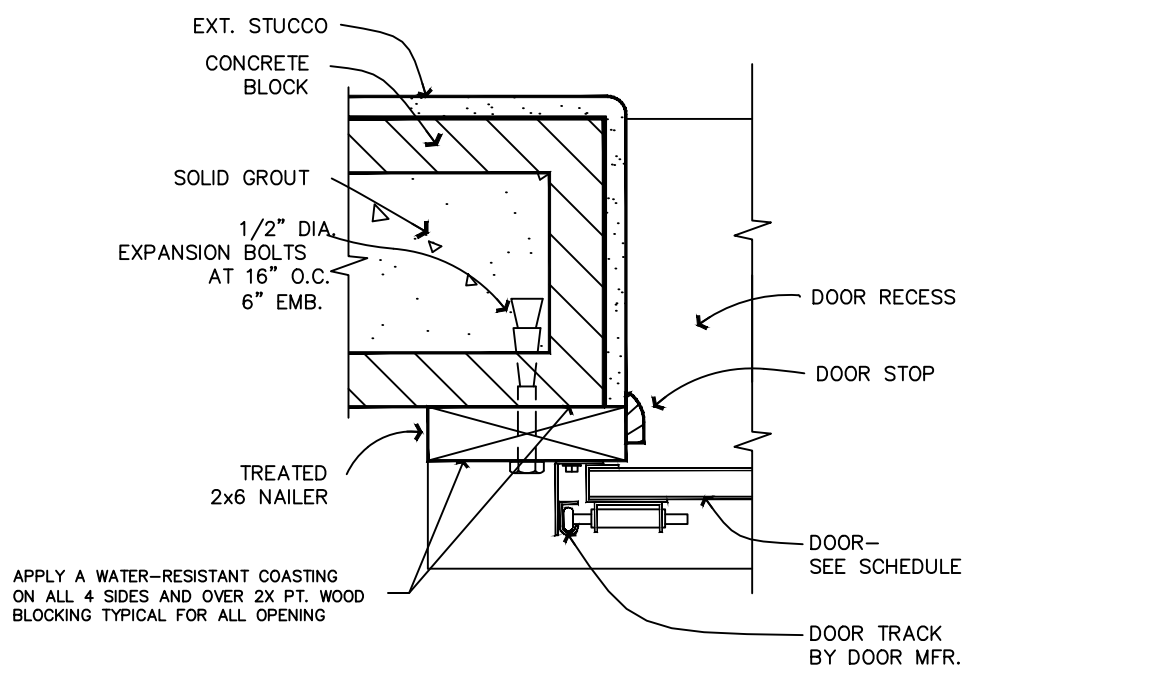


- NOTES:
- CONTRACTOR TO VERIFY ALL DOOR AND WINDOW OPENNING PRIOR TO CONSTRUCTION.
 - PROVIDE SCREEN ON ALL OPERABLE WINDOW UNITS.
 - PRODUCT APPROVAL INFORMATION (INCLUDING ATTACHMENT) IS SUPPLY BY THE MANUFACTURE
ANNAM CORP. TAKES NO RESPONSIBILITY FOR THE ACCURACY OF SUCH INFORMATION.

MK	SIZE/ MODEL	LOCATION	COUNT	MANUFACTURE	GLASS	DESIGN PRESSURE	MANUFACTURE PRODUCT APPROVAL	ATTACHMENT
DOOR NUMBER EXTERIOR DOORS	1	PAIR 3080 FRENCH	ENTRY DR (*)	1	ES.	3/16" IMPACT	+56.1/-54.8 FL 22-0328.03	ATTACHMENT 1 (1/4" TAPCONS) REDUCE SIZE FOR BREAKAWAY WALL
	2	PAIR 2880 FRENCH	FLEX AREA, BEDRM 3.	2	ES.	3/16" IMPACT	+50.1/-55.7 FL 22-0328.03	ATTACHMENT 1 (1/4" TAPCONS) REDUCE SIZE FOR BREAKAWAY WALL
	3	2880 FRENCH	GARAGE	3	ES.	3/16" IMPACT	+53.1/-57.8 FL 22-0328.03	ATTACHMENT 1 (1/4" TAPCONS) REDUCE SIZE FOR BREAKAWAY WALL
	4	8080 SLDG GS DR	BEDRM 2	1	ES.	3/16" IMPACT	+48.8/-53.5 FL 21-0608.03	ATTACHMENT 2 (1/2" EXP. BOLTS)
	5	12080 SLDG GS DR	GREAT RM	1	ES.	3/16" IMPACT	+47.7/-52.4 FL 21-0608.03	
	6	6080 SLDG GS DR	DINING RM	1	ES.	3/16" IMPACT	+50.1/-54.8 FL 21-0608.03	
	7	9080 SLDG GS DR	MASTER BED RM	1	ES.	3/16" IMPACT	+48.8/-53.5 FL 21-0608.03	
	8	9'-0"x8'-0" OH.	GARAGE	8	HASS		+47.5/-52.2 FL 20-1104.04	ATTACHMENT 3 (1/4" TAPCONS)
WINDOW NUMBER	A	4050 CSMT	FLEX RM / HALLWAY	3	ES.	3/16" IMPACT	+55.4/-60.0 FL 22-1227.02	ATTACHMENT 3 (1/4" TAPCONS)
	B	4030 FIXED	STAIRWELL	5	ES.		+53.1/-57.9 FL 22-0105.01	
	C	2056 CSMT	BATHRM 2 & 3	3	ES.		+55.8/-60.5 FL 22-1227.02	
	D	2046 CSMT	KITCHEN	2	ES.		+54.9/-59.6 FL 22-1227.02	
	E	3046 FIXED	KITCHEN	1	ES.		+47.7/-52.4 FL 22-0105.01	
	F	2856 CSMT	DINING RM	3	ES.		+53.1/-57.9 FL 22-1227.02	
	G	4056 FIXED	DINING RM	1	ES.		+53.1/-57.9 FL 22-1160.03	
	H	2040 CSMT	POWDER				+55.8/-60.5 FL 22-0105.01	
	I	5080 FIXED	MASTER BEDRM	2	ES.		+51.0/-55.7 FL 22-0105.01	
	J	3820 FIXED	MASTER BATHRM SHOWER	2	ES.		+55.8/-60.5 FL 22-0105.01	
	K	4040 FIXED	STAIRWELL	1	ES.		+53.1/-57.9 FL 22-0105.01	

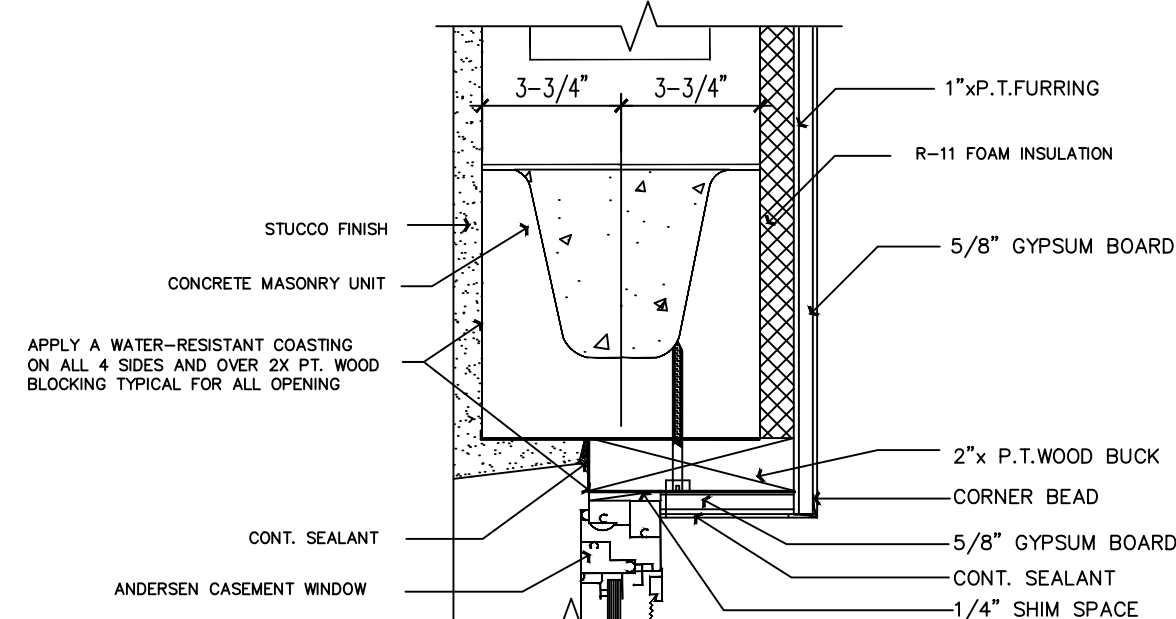
A-4 EXTERIOR OPENING SCHEDULE

1/4"=1'-0"



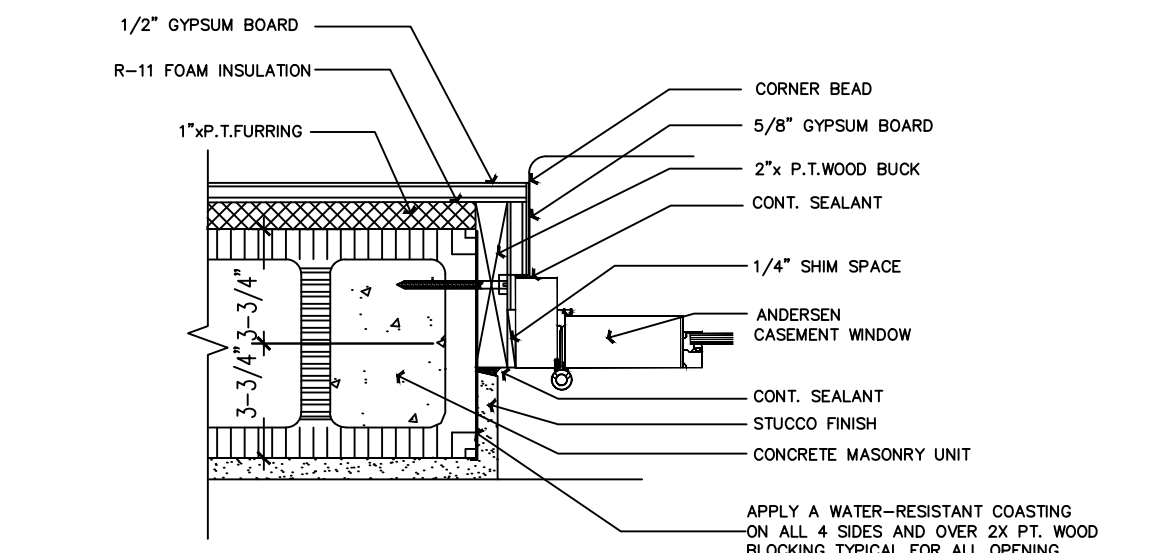
L-10 GARAGE DOOR JAMB

N.T.S.



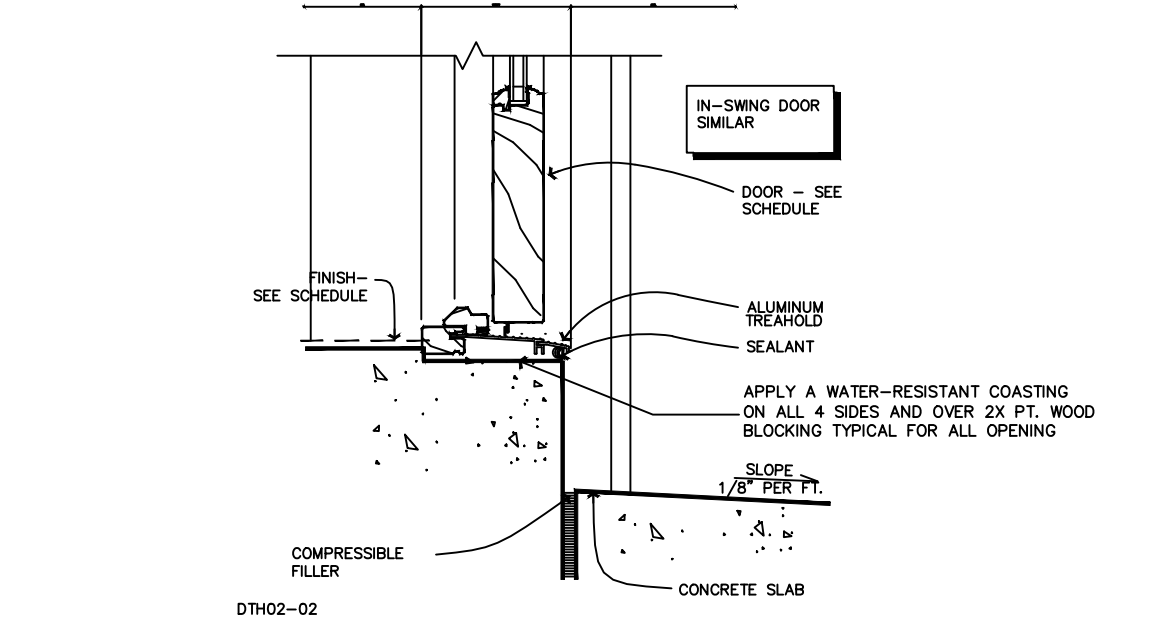
G-10 CASEMENT WDW. HEAD

N.T.S.



D-10 FRENCH DOOR JAMB

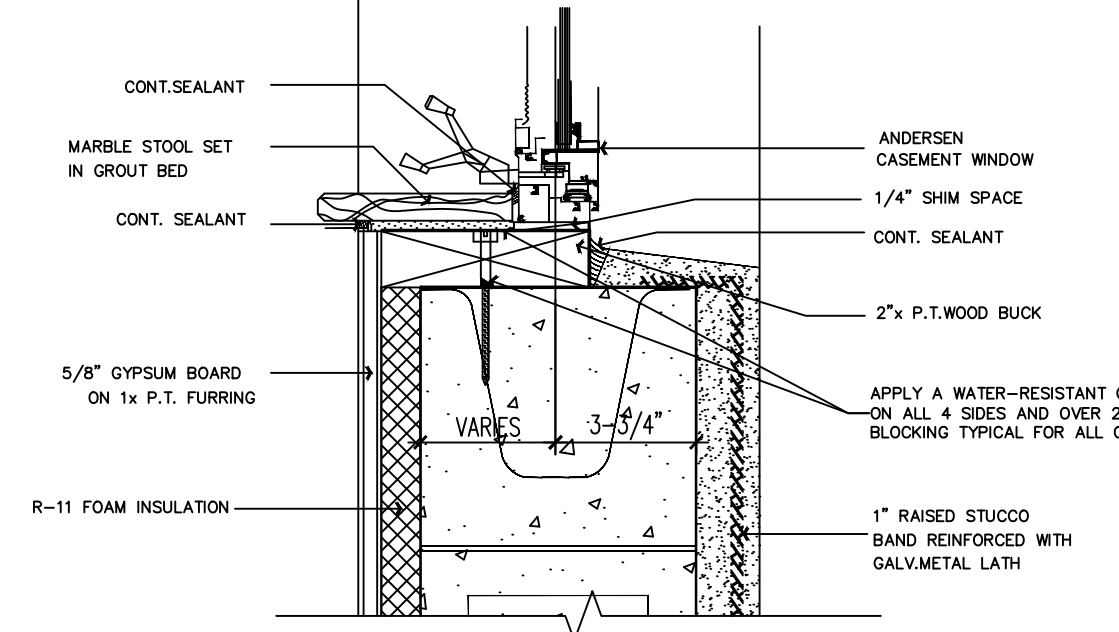
N.T.S.



A-10 FRENCH DOOR SILL

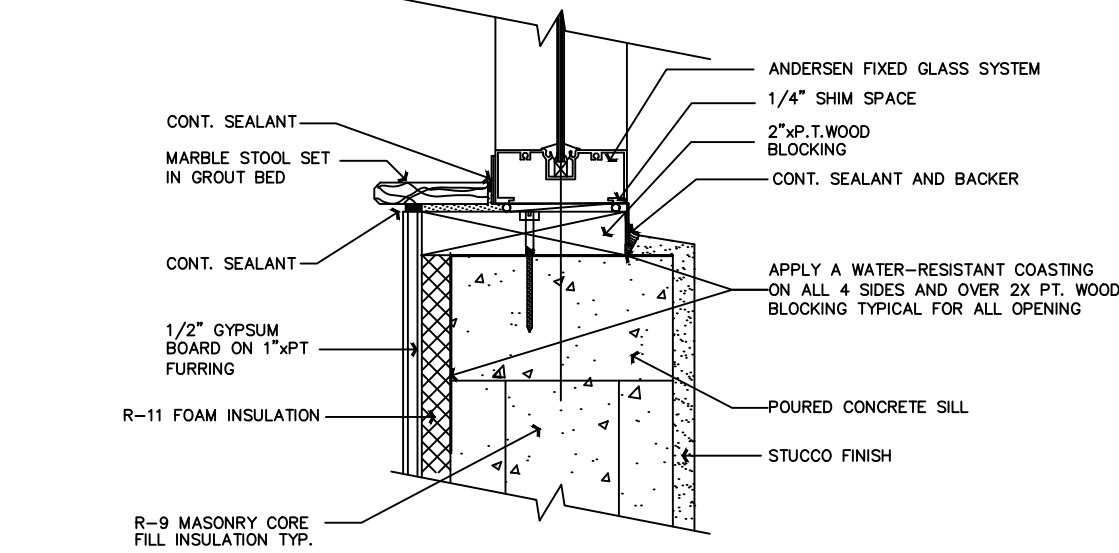
N.T.S.

NOTES:
BACK CAULK ALL THE WOOD BUCKS (TYP)
ALL EXTERIOR DOORS AND WINDOWS WITH
CONTINUOUS BEAD VALKUMP SEALANT.



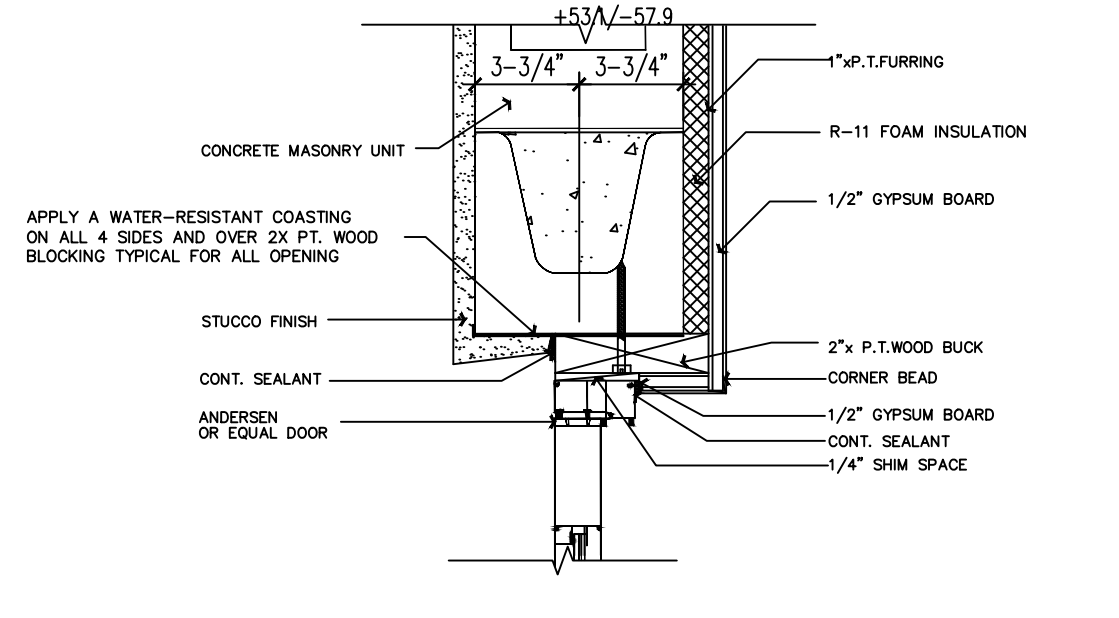
G-14 CASEMENT WDW. SILL

N.T.S.



D-14 FIXED WDW. SILL

N.T.S.



A-14 FRENCH DOOR HEAD

N.T.S.

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P.E. #20311

ANNAM CORPORATION
CUSTOM DESIGN

A

DOOR / WINDOW
SCHEDULES
AND DETAILS

A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
HVN
Project No.
Cadd File NO.:

DATE
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ELECTRICAL LEGEND

- ELECTRIC METER
- ELECTRIC PANEL
- A/C DISCONNECT
- 240 VOLT RECEPTACLE
- DUPLEX OUTLET
- DUPLEX OUTLET - HALF SWITCHED
- WEATHER PROOF DUPLEX OUTLET
- TELEPHONE JACK
- TELEVISION JACK
- CENTRAL VAC. HOSE OUTLET
- WALL SWITCH
- 3-WAY WALL SWITCH
- 4-WAY WALL SWITCH
- DIMMER WALL SWITCH
- PUSH BUTTON SWITCH
- WALL OR CLG. MOUNTED FIXTURE
- JUNCTION BOX
- PULL CORD FIXTURE
- RECESSED LIGHT FIXTURE
- VAPOR PROOF RECESSED FIXTURE
- FLOURESCENT LIGHT FIXTURE
- FLOOD LIGHTS
- EXHAUST FAN
- CABON MONOXIDE DETECTOR & SMOKE DETECTOR COMBO
- THERMOSTAT
- SPRINKLER TIMER
- INTERCOM
- SECURITY SYSTEM KEYPAD
- MOTION DETECTOR
- CHIME
- DOOR ALARM SOUND WHEN OPNED

TYPE		SQ .D, LOAD CENTER				MAIN BUS		200 AMPS	
SERVICE		120 / 240 1~ 3W				NEUTRAL		FULL	
MOUNTING		FLUSH				MAINS		M.L.O.	
POLES: 40						A.I.C.		10,000	
ELECTRICAL PANEL 'A'									
BRKR.	WIRE	LOAD (W.)	DESCRIPTION	CKT.#	CKT.#	DESCRIPTION	LOAD (W.)	WIRE	BRKR.
40/2	#8	7,500	A.H.U #1 W/ HEATSTRIP	1	2	A.C. COMPRESSOR #1	N/C	#8	30/2
				3	4				
25/2	#10	4,500	HOT WATER HEATER	5	6	OVEN/ RANGE	5000	#6	40/2
				7	8				
30/2	#10	5,000	DRYER	9	10	GARAGE CHARGER	4000	#10	25/2
				11	12				
20/1	#12	1200	WASHER	13	14	SUB-PNL B	14,700	#6	60/2
20/1	#12	1200	JACCUZI PUMP	15	16				
20/1	#12	②	LAUNDRY LIGHTS	17	18	IRRIGATION PUMP	2500	#12	25/2
20/1	#12	②	G.F.C.I. RECEPT. BATHROOMS	19	20				
20/1	#12	②	G.F.I. RECEPT. OUTSIDE	21	22	G.F.I. RECEPT.	②	#12	20/1
20/1	#12	②	G.F.I. RECEPT. OUTSIDE	23	24	EXTERIOR LIGHTS			
20/1	#12	1200	GARAGE OPENNER	25	26	ELEVATOR	2500	#10	25/2
20/1	#12		SPARE	27	28				
			SPACE	29	30	SPARE			
				31	32	SPACE			
				33	34				
				35	36				
				37	38				
				39	40				

NOTES: N/C = NON CONCURRENT A/C LOADS TOTAL LOAD: 20.8+28.7+13.3= 62.8 KW

TYPE		SQ .D, LOAD CENTER				MAIN BUS		60 AMPS	
SERVICE		120 / 240 1~ 3W				NEUTRAL		FULL	
MOUNTING		FLUSH				MAINS		M.L.O.	
POLES: 40						A.I.C.		10,000	
SUB — PANEL B (GENERATOR PANEL)									
BRKR.	WIRE	LOAD (W.)	DESCRIPTION	CKT.#	CKT.#	DESCRIPTION	LOAD (W.)	WIRE	BRKR.
20/1	#12	②	G.F.I. RECEPT. GARAGE	1	2	G.F.C.I. RECEPT. BATHROOMS	②	#12	20/1
15/1	#14		M. BEDROOM	3	4	BEDROOM #2		#14	15/1
			M. BEDROOM	5	6	BEDROOM #3			
			M. BATH LIGHTS	7	8	LIVING ROOM			
			M. BATH LIGHTS	9	10	LIVING ROOM			
↓	↓	↓	KITCHEN LIGHTS	11	12	DISPOSAL	1200	#12	20/1
20/1	#12	1200	REFRIGERATOR	13	14	MICROWAVE	1200	#12	20/1
20/1	#12	1200	DISHWASHER	15	16	A.C. COMPRESSOR #2	N/C	#8	30/2
20/1	#12	1200	COOLER @ BEACH RM	17	18				
20/1	#12	1200	WINE COOLER	19	20	SPARE			
40/2	#8	7,500	A.H.U. #2 W/ HEATSTRIP	21	22	SPACE			
				23	24				
			SPACE	25	26				
				27	28				
				29	30				
12,300 KW							2,400 KW		

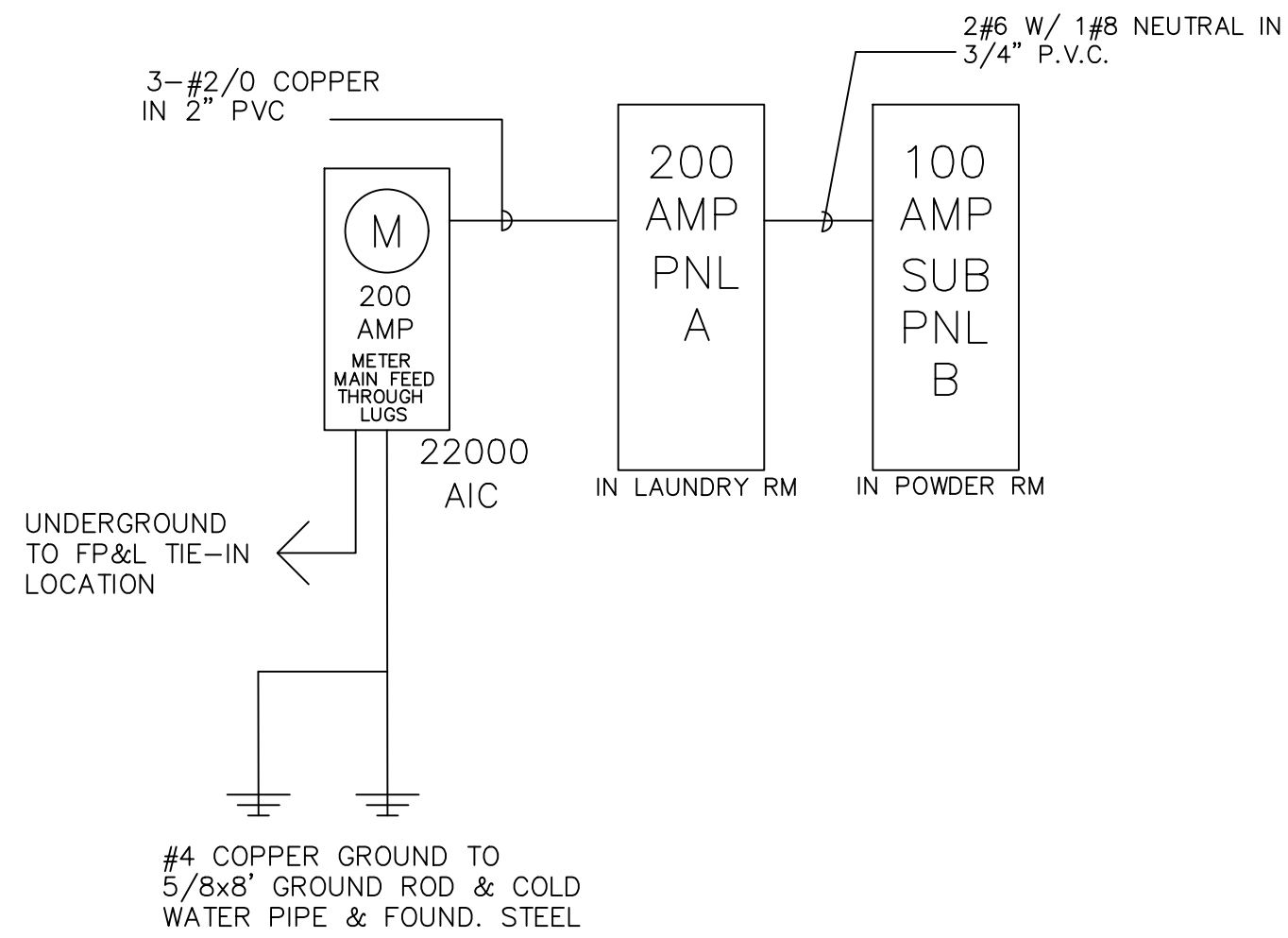
- ① ALL BEDROOM CIRCUITS SHALL BE ARC-FAULT PROTECTED (NEC 210-12(B))
- ② GEN LIGHTING (4433 SF @ 3W/SF) = 13300 W.
(GEN LIGHTING INCLUDING GARAGE, PATIO AND BALCONY)

LOAD CALCULATIONS

1st 10.0 K.W. @ 100% 10.0
REMAINING K.W. @ 40% 15.12
A/C HEAT STRIP @ 65% 9.00

34,120 K.W.

34120 / 240 V. = 142.17 amp.



ELECTRICAL RISER

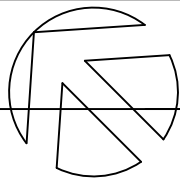
- NOTE:
1. ALL FIXTURES IN CLOSETS TO COMPLY W/ NEC 410-8
2. ALL EXTERIOR BOXES TO BE ALUMINUM.

ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR SHALL VERIFY WITH FP&L THE LOCATION SERVICE AND SHALL LOCATE THE METER & PANEL AS REQUIRED.
- ALL ELECTRICAL WORK TO CONFORM TO THE 2014 NATIONAL ELECTRICAL CODE
- ALL OUTLET BOXES FOR RECEPTACLES, TV ANTENNAS, OR TELEPHONE JACKS IN RATED WALLS MUST BE METAL OR U.L. RATED FOR USE IN ONE HOUR CONSTRUCTION. (PROVIDE OPTIONAL CAT-5 HIGH SPEED DATA OUTLETS- ONLY PER OWNER REQUEST)
- ALL BATHROOM AND GARAGE OUTLETS TO BE G.F.C.I. TYPE. - 20 AMP. CIRCUIT
- ALL OPENINGS REQUIRED BY ELECTRICAL CONTRACTOR TO BE CLOSED TO MATCH FINISH AND FIRE RATED BY ELECTRICAL CONTRACTOR.
- INSTALLATION HEIGHTS ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED:
WALL HUNG TELEPHONE 56" AFF
TELEPHONE JACKS 12" AFF
LIGHT SWITCHES 48" AFF
RECEPTACLES 12" AFF
TELEVISION JACKS 12" AFF
- ALL NEW BRANCH CIRCUITS SHALL BE ARC-FAULT PROTECTED (NEC 210-12(B))
- ELECTRICAL CONTRACTOR TO CONFORM WITH TELEPHONE CO. REQUIREMENTS FOR TELEPHONE EQUIPMENT INSTALLATION.
- CO-ORDINATE ALL CONDUIT RUNS AND EQUIPMENT INSTALLATION WITH OTHER TRADES TO AVOID CONFLICTS PRIOR TO FABRICATION, INSTALLATION AND ERECTION.
- ELECTRICAL CONTRACTOR TO VERIFY ALL HVAC UNIT CONNECTIONS WITH HVAC UNIT CONNECTIONS WITH HVAC CONTRACTOR PRIOR TO INSTALLATION.
- ALL METERS, METER CENTERS AND DISCONNECTS TO BE APPROVED BY FLORIDA POWER AND LIGHT.
- ALL SMOKE DETECTORS SHALL BE 110 VOLT, HARDWIRED TO DEDICATED CIRUIT BATTERY BACK-UP, INTER-CONNECTED, AND INTEGRAL WITH ALARM SYSTEM.
- ELECTRICAL CONTRACTOR SHALL NOT INSTALL OUTLET BOXES BACK TO BACK : THIS IS IN ORDER TO PREVENT SOUND TRANSMISSION BETWEEN ROOMS
- ALL RECEPTACLES AND SWITCHES TO BE DECORA TYPE. (U.N.O.)
- TAMPER RESISTANT RECEPACLES (NEC 406.12) ARE REQUIRE FOR DWELLING IN ALL AREA AS SPECIFIC IN 2011 NEC210.52 ALL 125 VOLTS 15 & 20 AMP. RECEPTACLE

G14

GENERAL NOTES



A-1

GROUND LEVEL

1/4"=1'-0"

SECOND LEVEL

James D. Bushouse, State of Florida, Professional Engineer, License No. 20311
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James Bushouse, Inc.
CONSULTING ENGINEERS
P.E. #20311

ANNAM CORPORATION
CUSTOM DESIGN

A

ELECTRICAL PLANS

A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
Project No: HVN
Cadd File NO:

DATE
PERMIT SET 07/13/23
BLD'G REV. COMT 08/30/23

Sheet No:
E-1
of -- sheets

JAMES BUSHOUSE, P.E.
L.B. #27565 P.E. #20311

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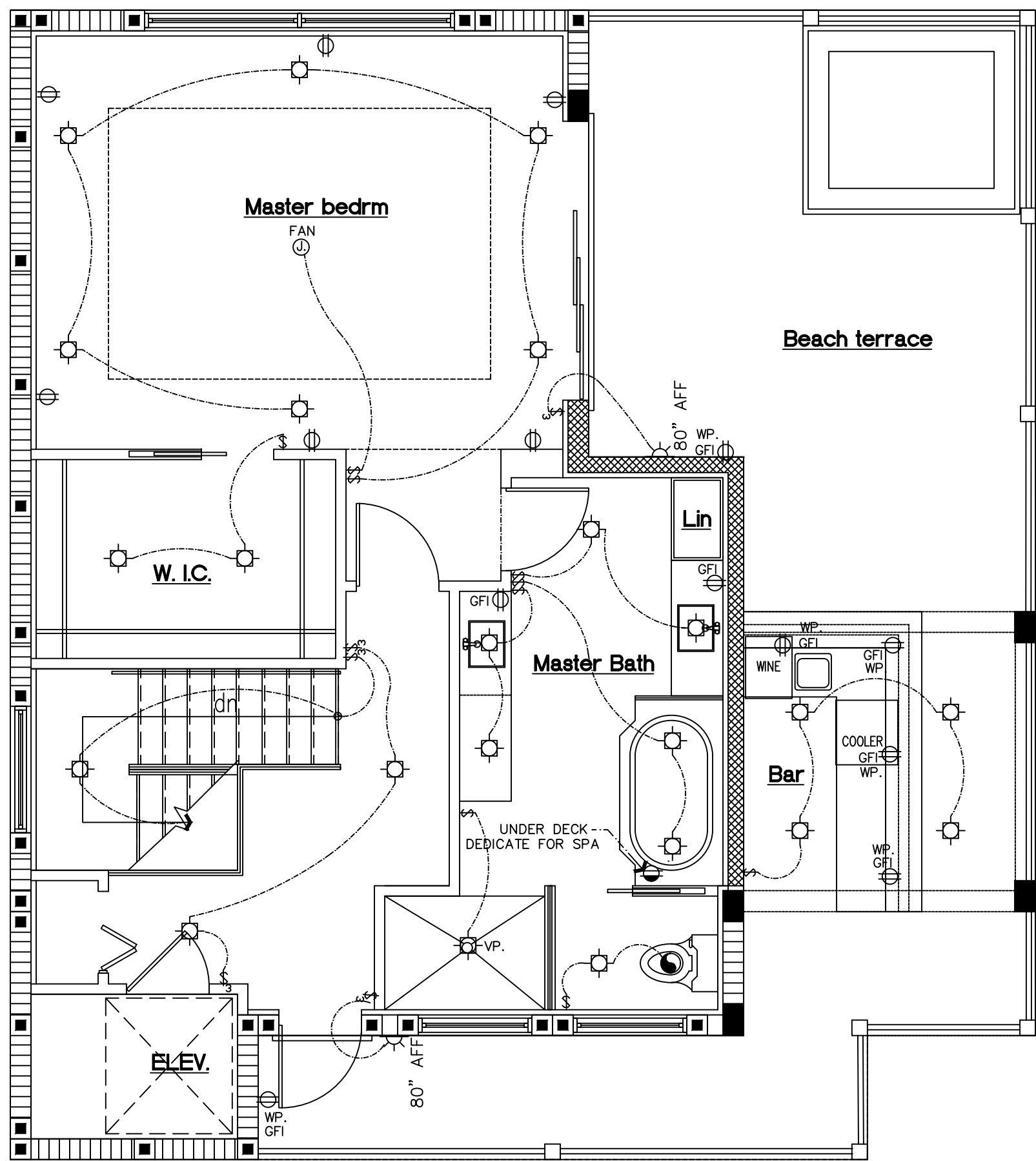
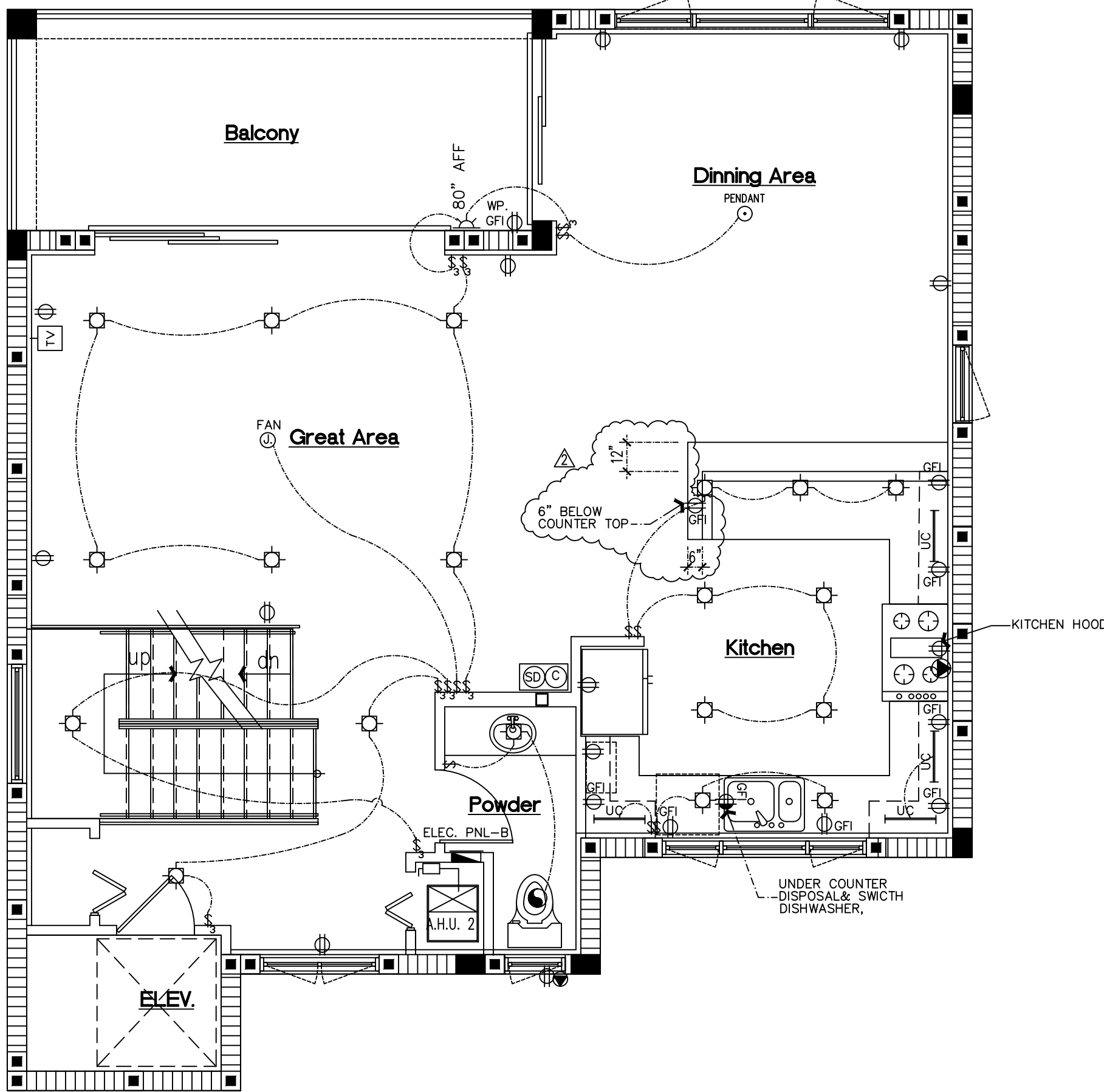
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ELECTRICAL LEGEND

- ELECTRIC METER
- ELECTRIC PANEL
- A/C DISCONNECT
- 240 VOLT RECEPTACLE
- DUPLEX OUTLET
- DUPLEX OUTLET - HALF SWITCHED
- WEATHER PROOF DUPLEX OUTLET
- TELEPHONE JACK
- TELEVISION JACK
- CENTRAL VAC. HOSE OUTLET
- WALL SWITCH
- 3-WAY WALL SWITCH
- 4-WAY WALL SWITCH
- DIMMER WALL SWITCH
- PUSH BUTTON SWITCH
- WALL OR CLG. MOUNTED FIXTURE
- JUNCTION BOX
- PULL CORD FIXTURE
- RECESSED LIGHT FIXTURE
- VAPOR PROOF RECESSED FIXTURE
- FLOURESCENT LIGHT FIXTURE
- FLOOD LIGHTS
- EXHAUST FAN
- CABON MONOXIDE DETECTOR & SMOKE DETECTOR COMBO
- THERMOSTAT
- SPRINKLER TIMER
- INTERCOM
- SECURITY SYSTEM KEYPAD
- MOTION DETECTOR
- CHIME

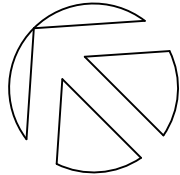
ELECTRICAL NOTES

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G14

GENERAL NOTES



A-1

1/4"=1'-0"

THIRDLEVEL

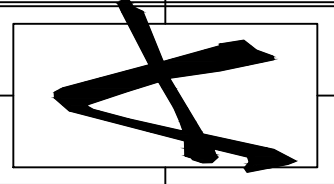
FOURTH LEVEL

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James D Bushouse
Digitally signed by James D Bushouse
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Date: 2023.12.13 15:39:53 -0500
JAMES BUSHOUSE, P.E. #20311
L.B. #27565

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ELECTRICAL FLOOR PLANS
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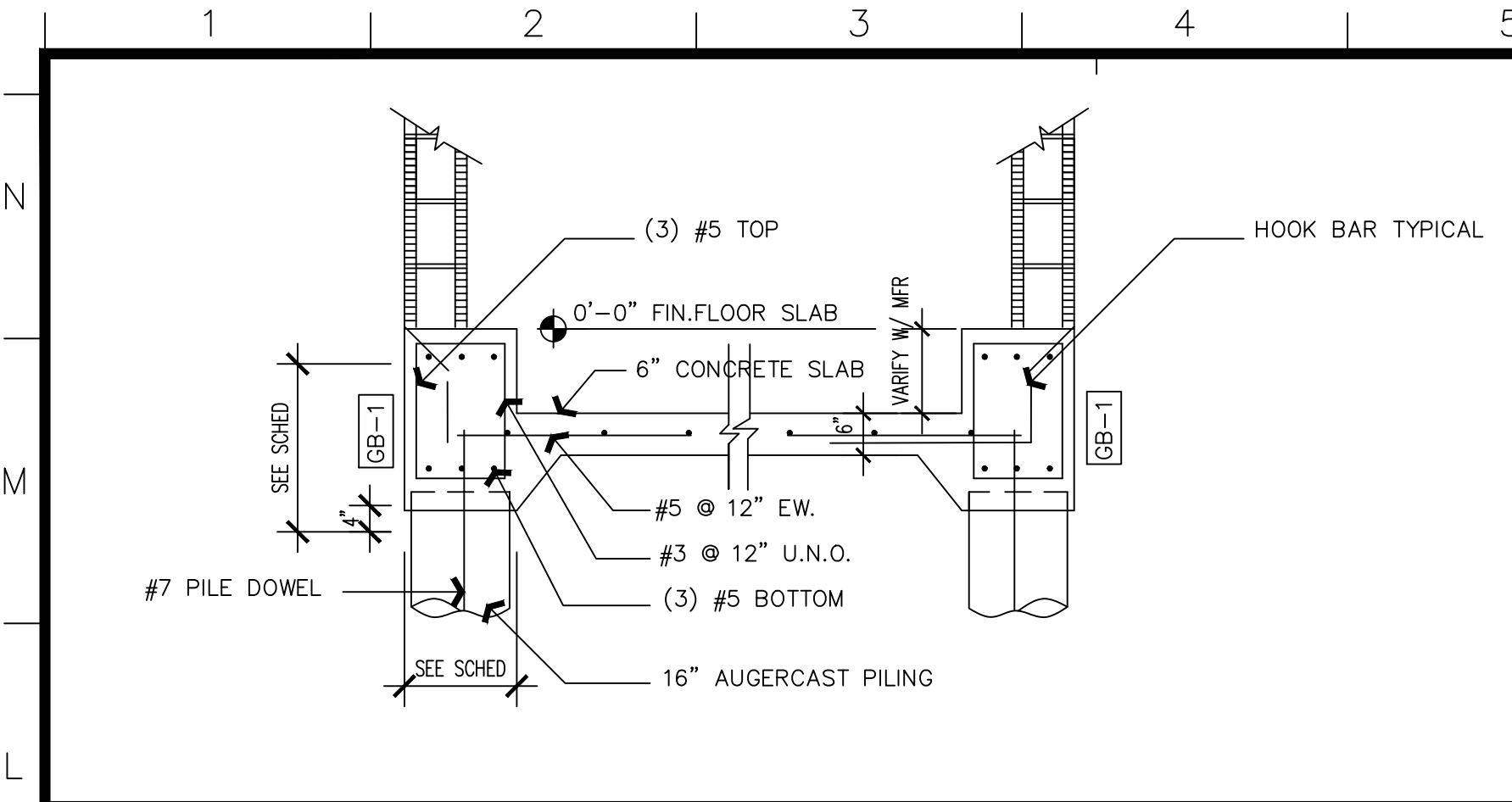
A CUSTOM HOME FOR:
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422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

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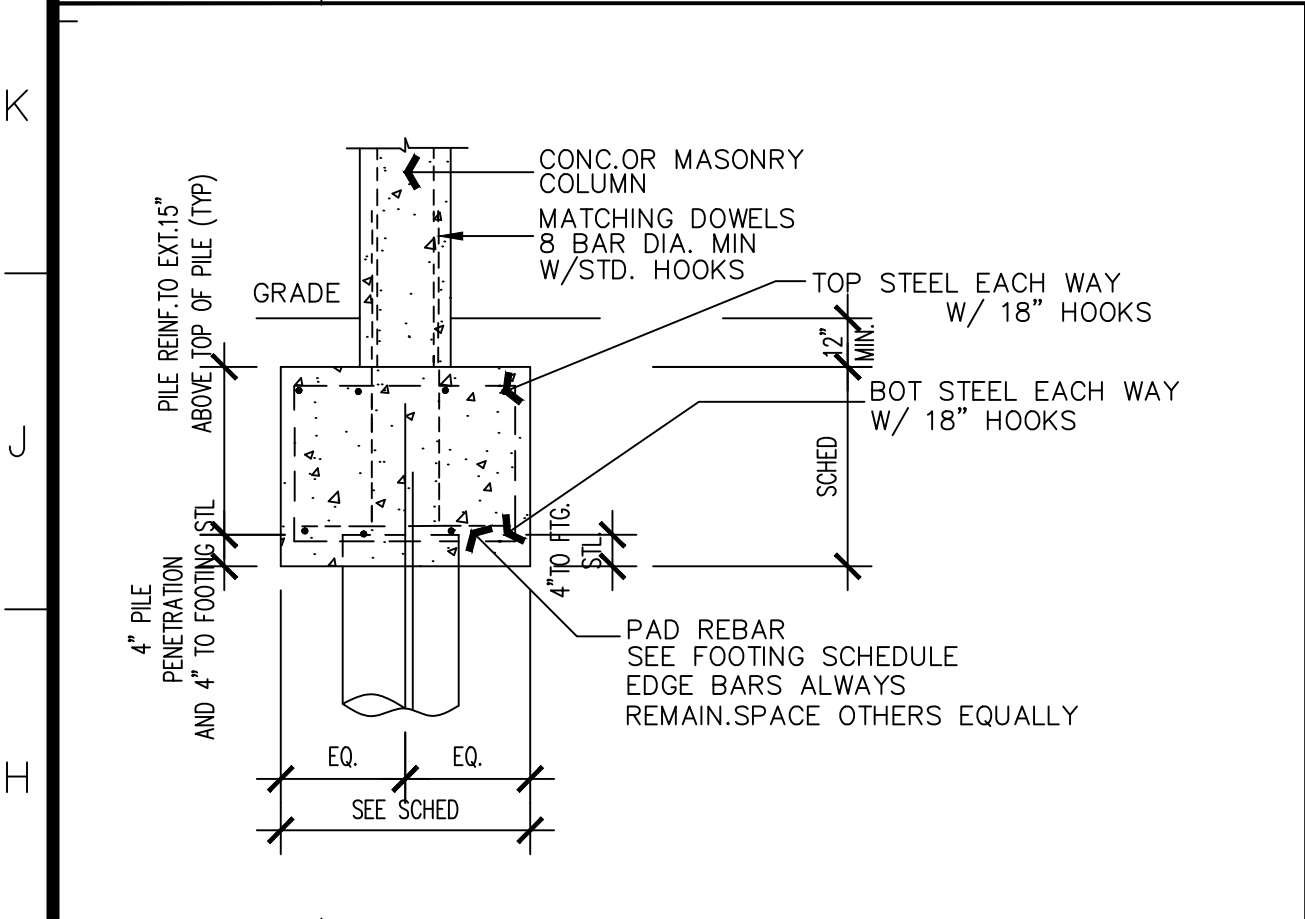
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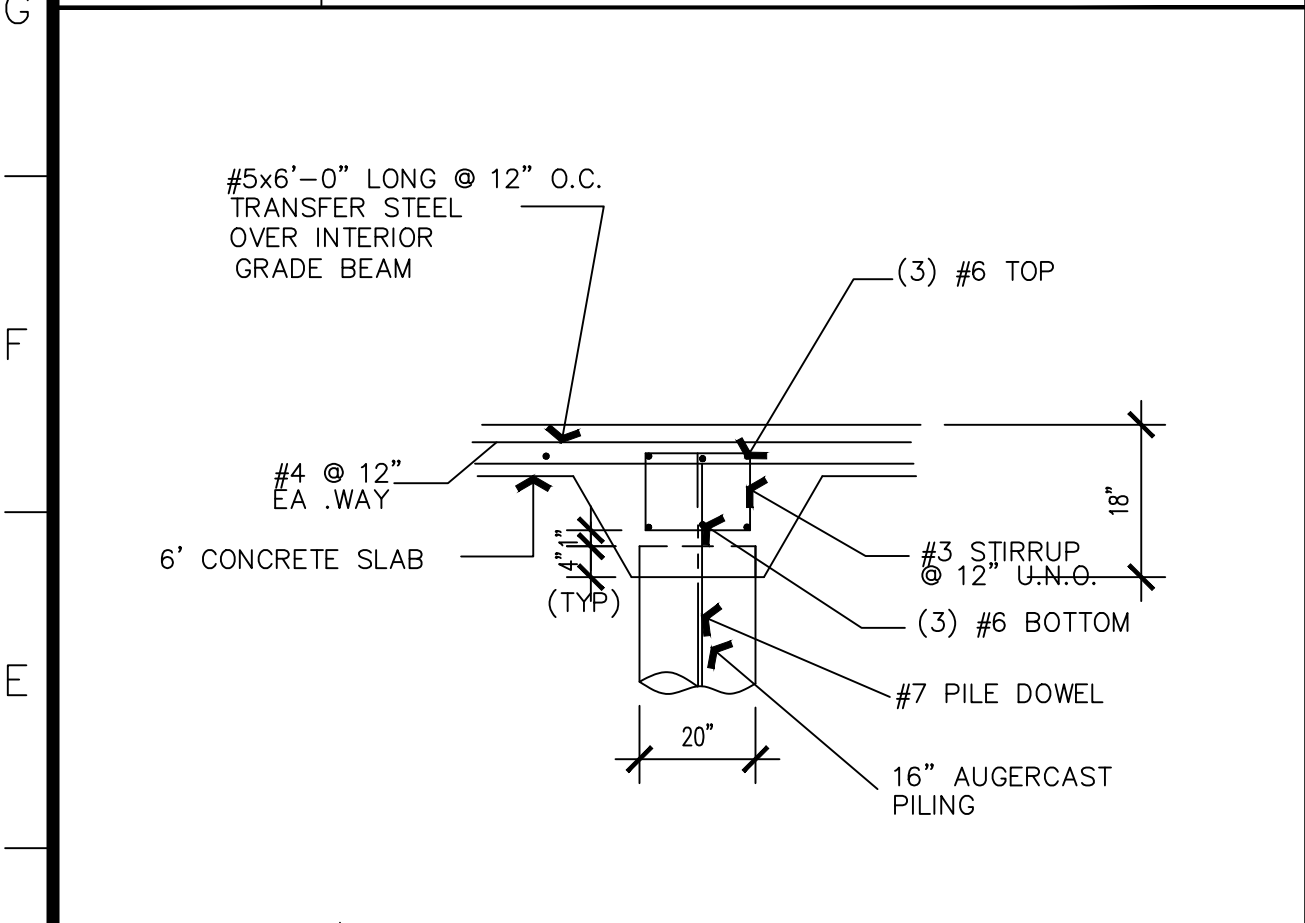
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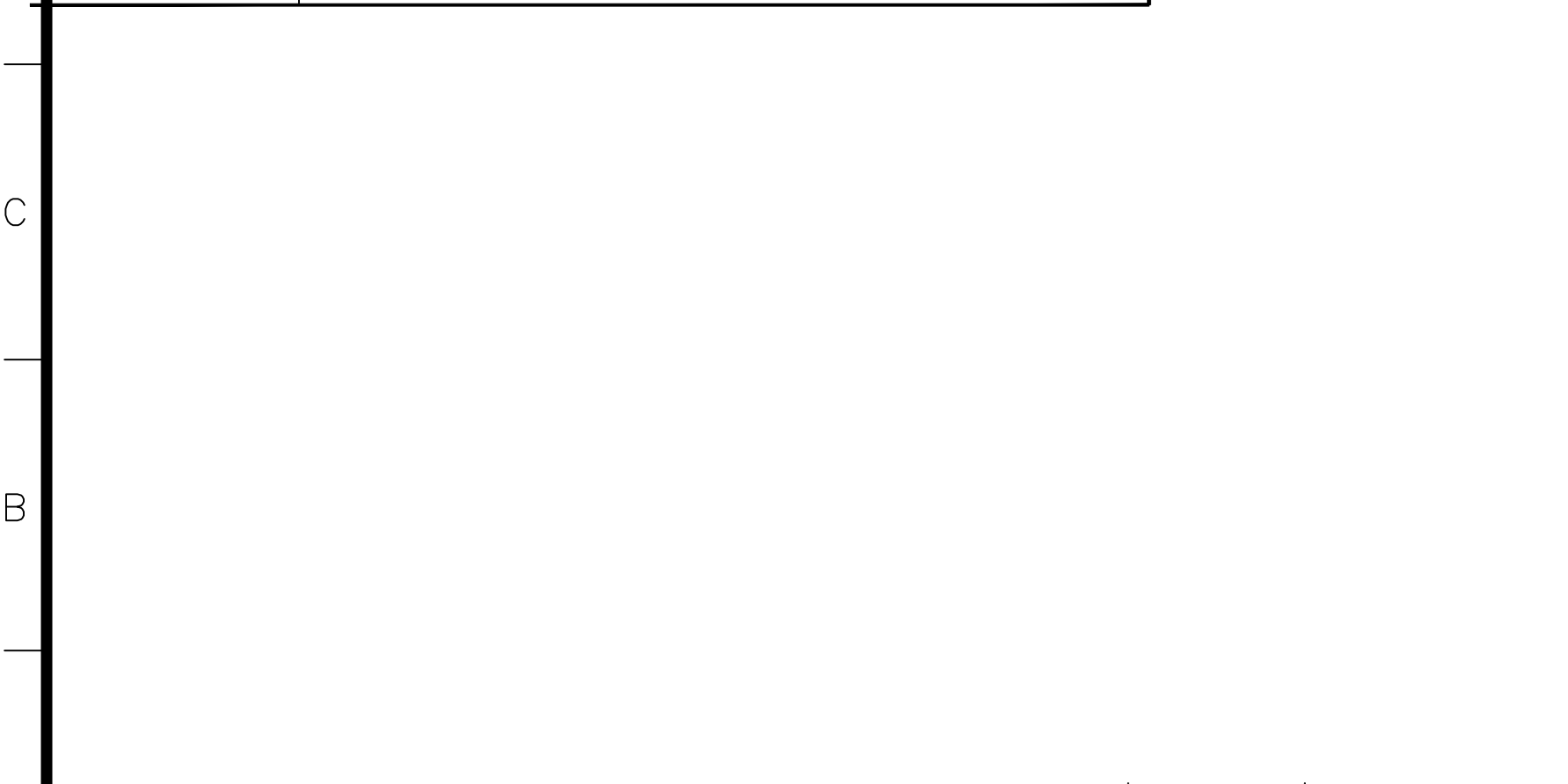
4	GRADE BEAM 4
N.T.S.	AT ELEVATOR PAD



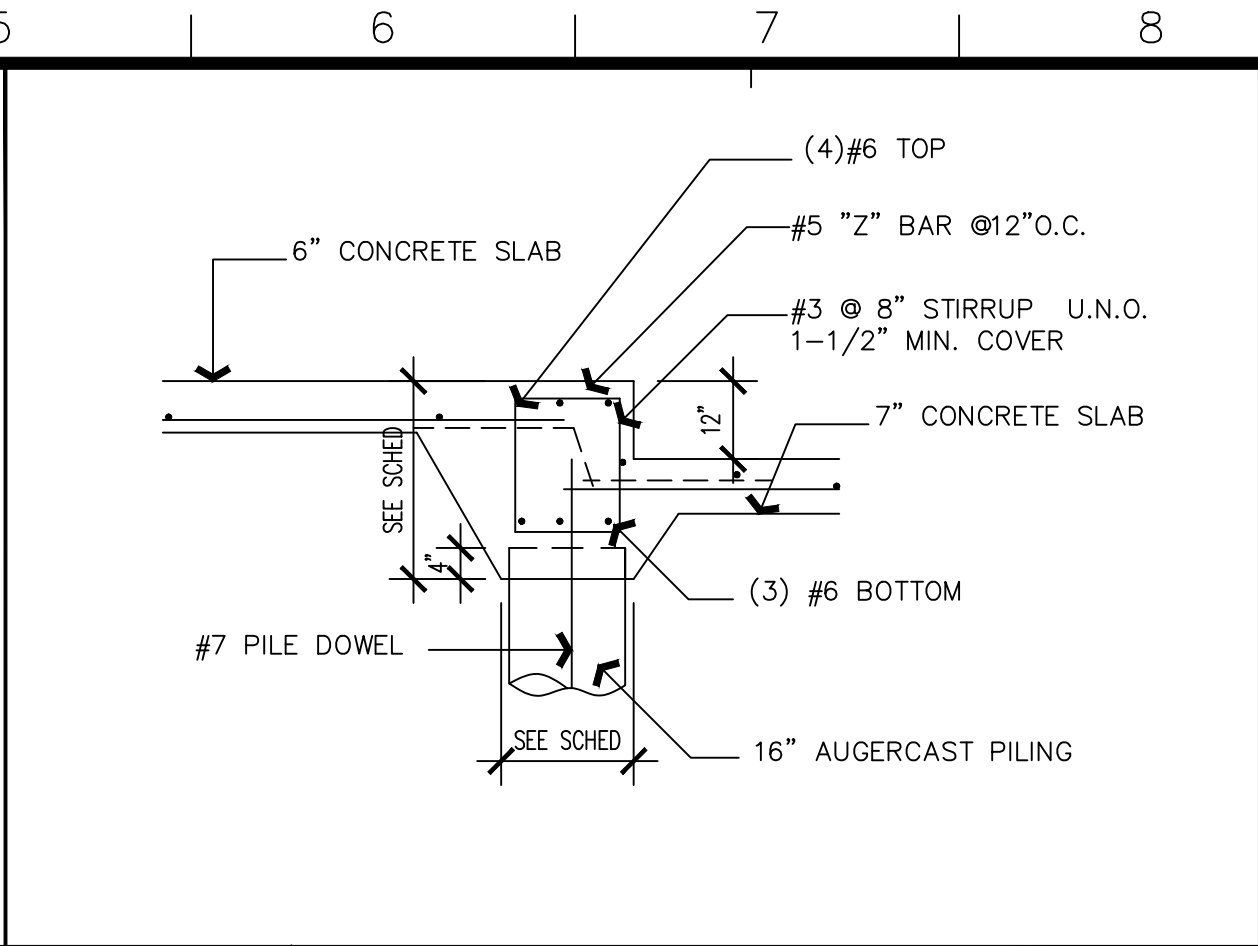
3	ISOLATED PAD/PILE CAP
N.T.S.	



2	GRADE BEAM 3
N.T.S.	

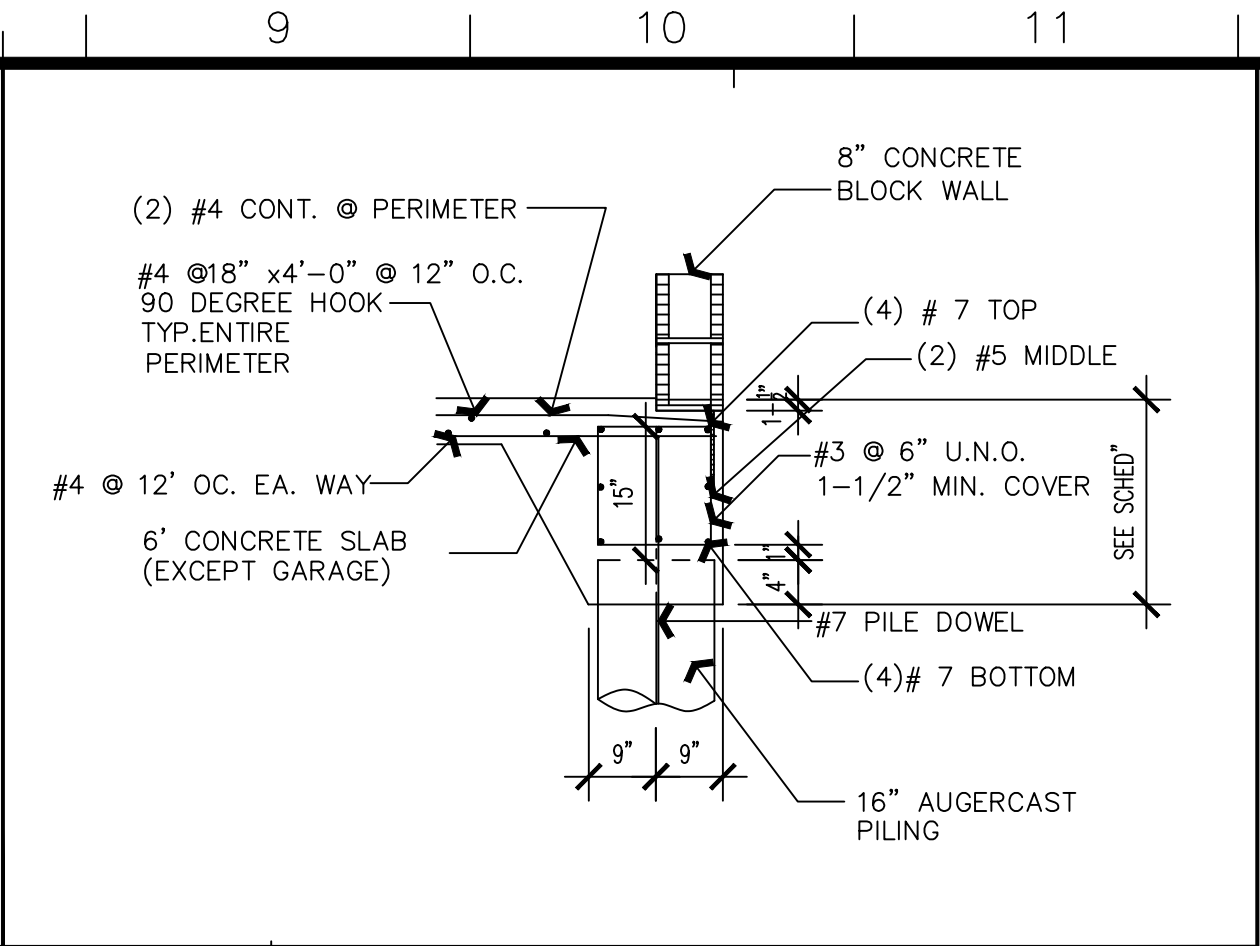


1	1	PILING PLAN
1/4"=1'-0"		

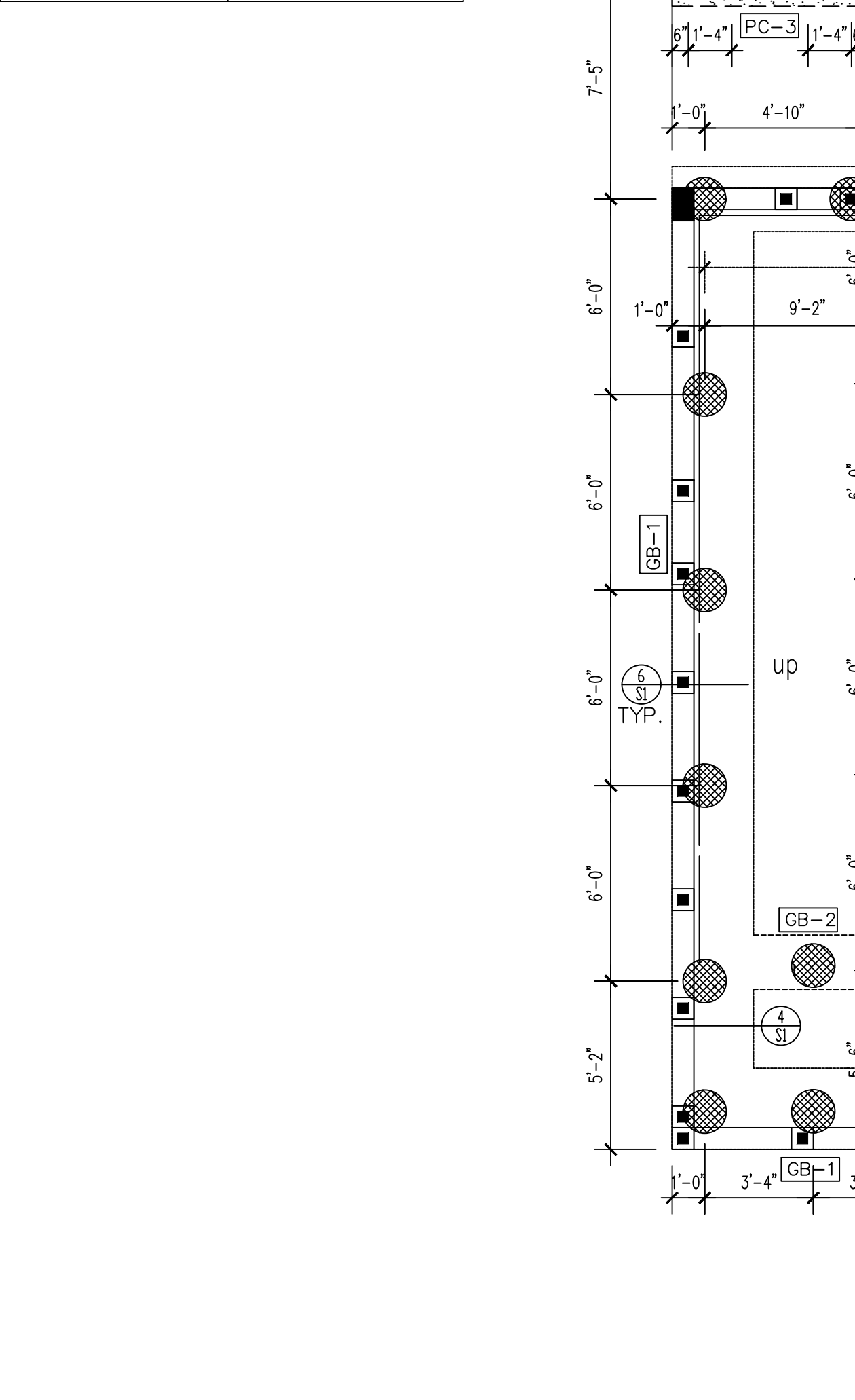
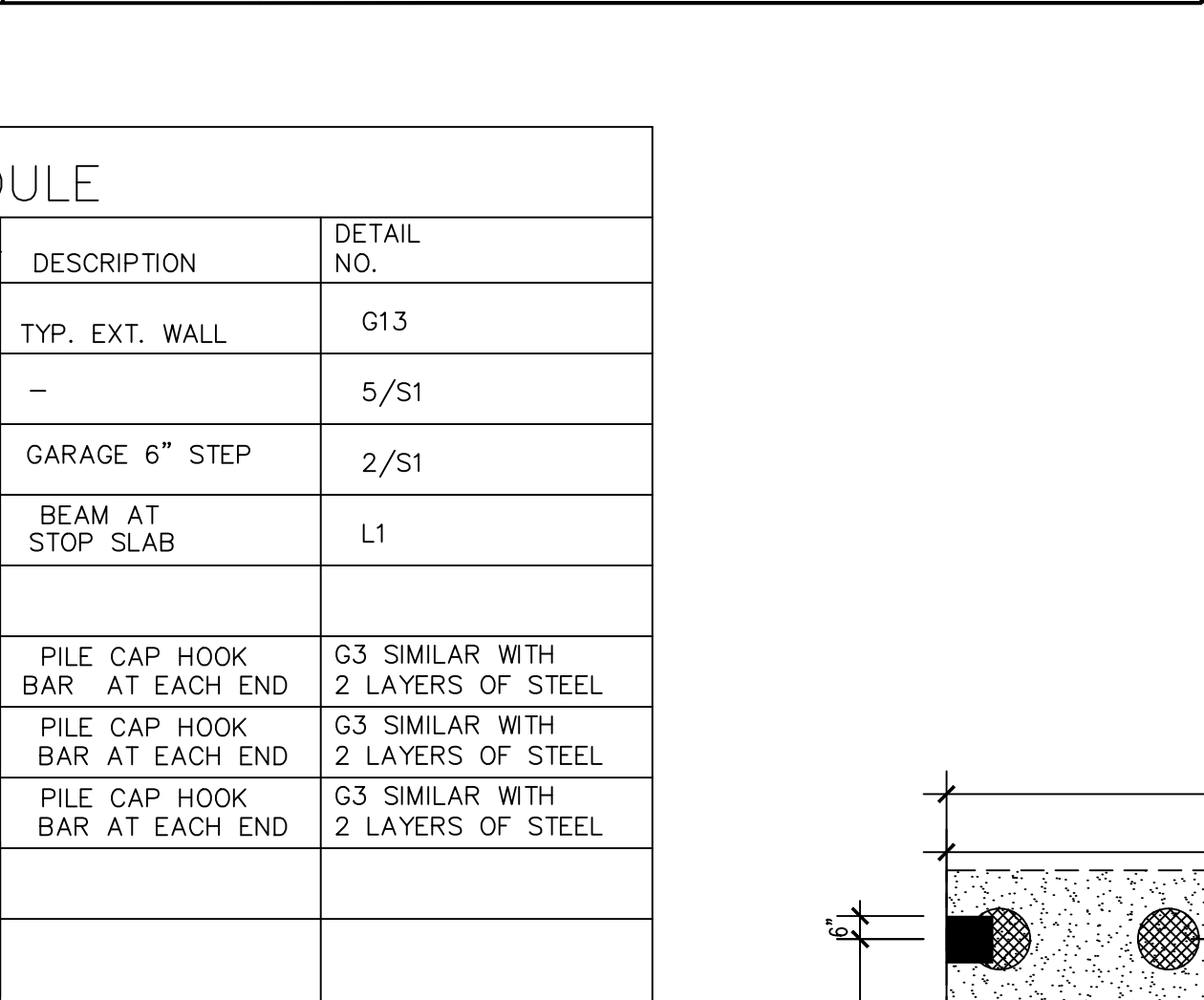


5	GRADE BEAM 2
N.T.S.	AT GARAGE

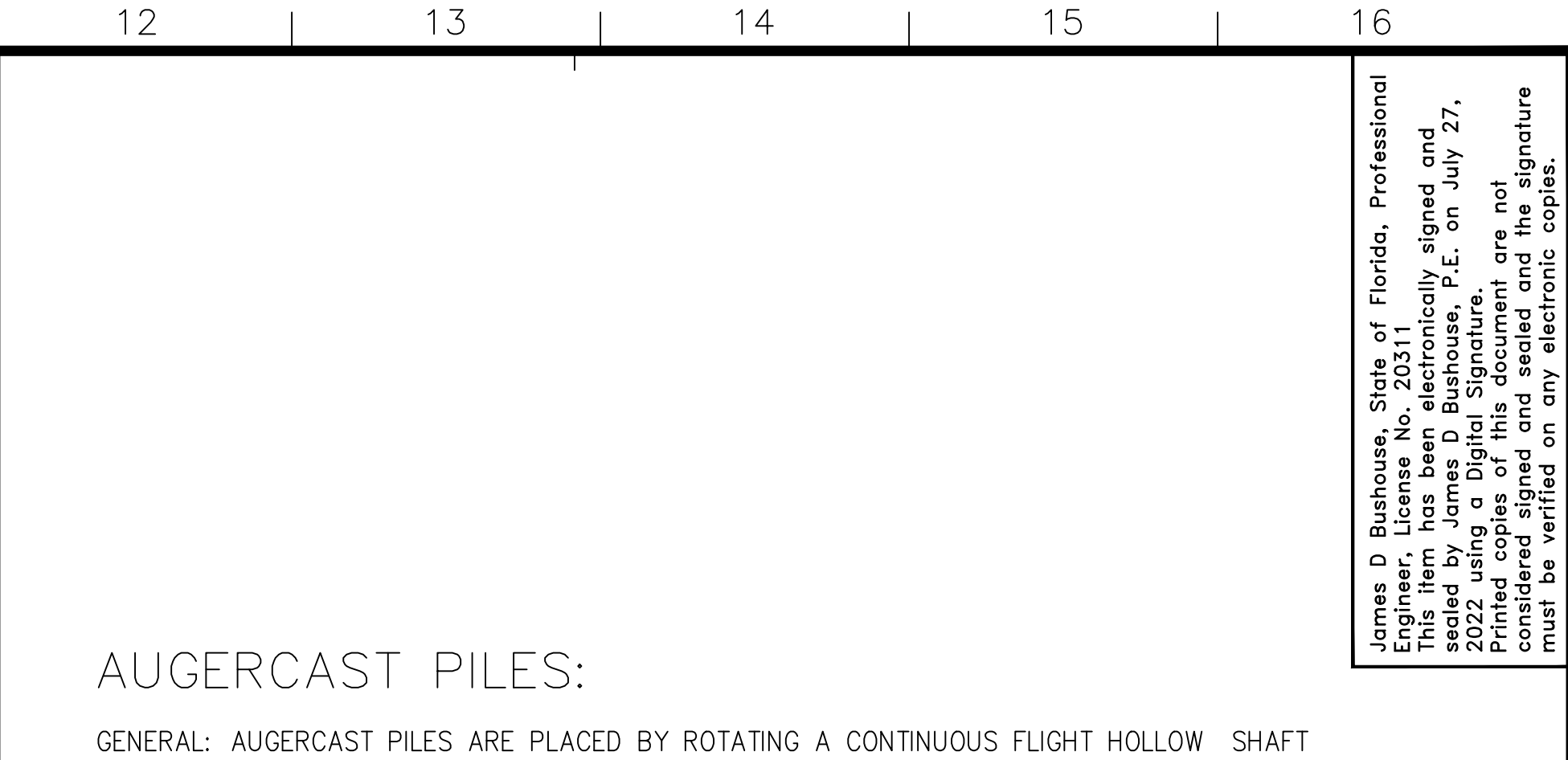
GRADE BEAM SCHEDULE							
MARK	SIZE(WxD)	REINFORING				DESCRIPTION	DETAIL NO.
		BOT	TOP	MIDDLE	#3 TIES		
GB-1	24" x 30"	(4) #7	(4) #7	(2) #5	6" O/C	TYP. EXT. WALL	G13
GB-2	24" x 24"	(4) #6	(4) #6	(2) #5	8" O/C	-	5/S1
GB-3	20" x 18"	(3) #6	(3) #6	-	12" O/C	GARAGE 6" STEP	2/S1
GB-4	18"x24"	(3) #5	(3) #5	(2) #5	8" O/C	BEAM AT STOP SLAB	L1
PC-1	36"x40"x20"	(4)#6 AT LONG WAY (6)#6 AT. SHORT WAY	-	-	-	PILE CAP HOOK BAR AT EACH END	G3 SIMILAR WITH 2 LAYERS OF STEEL
PC-2	60"x48"x20"	(5)#6 AT LONG WAY (6)#6 AT. SHORT WAY	-	-	-	PILE CAP HOOK BAR AT EACH END	G3 SIMILAR WITH 2 LAYERS OF STEEL
PC-3	36"x72"x20"	(4)#6 AT LONG WAY (6)#6 AT. SHORT WAY	-	-	-	PILE CAP HOOK BAR AT EACH END	G3 SIMILAR WITH 2 LAYERS OF STEEL



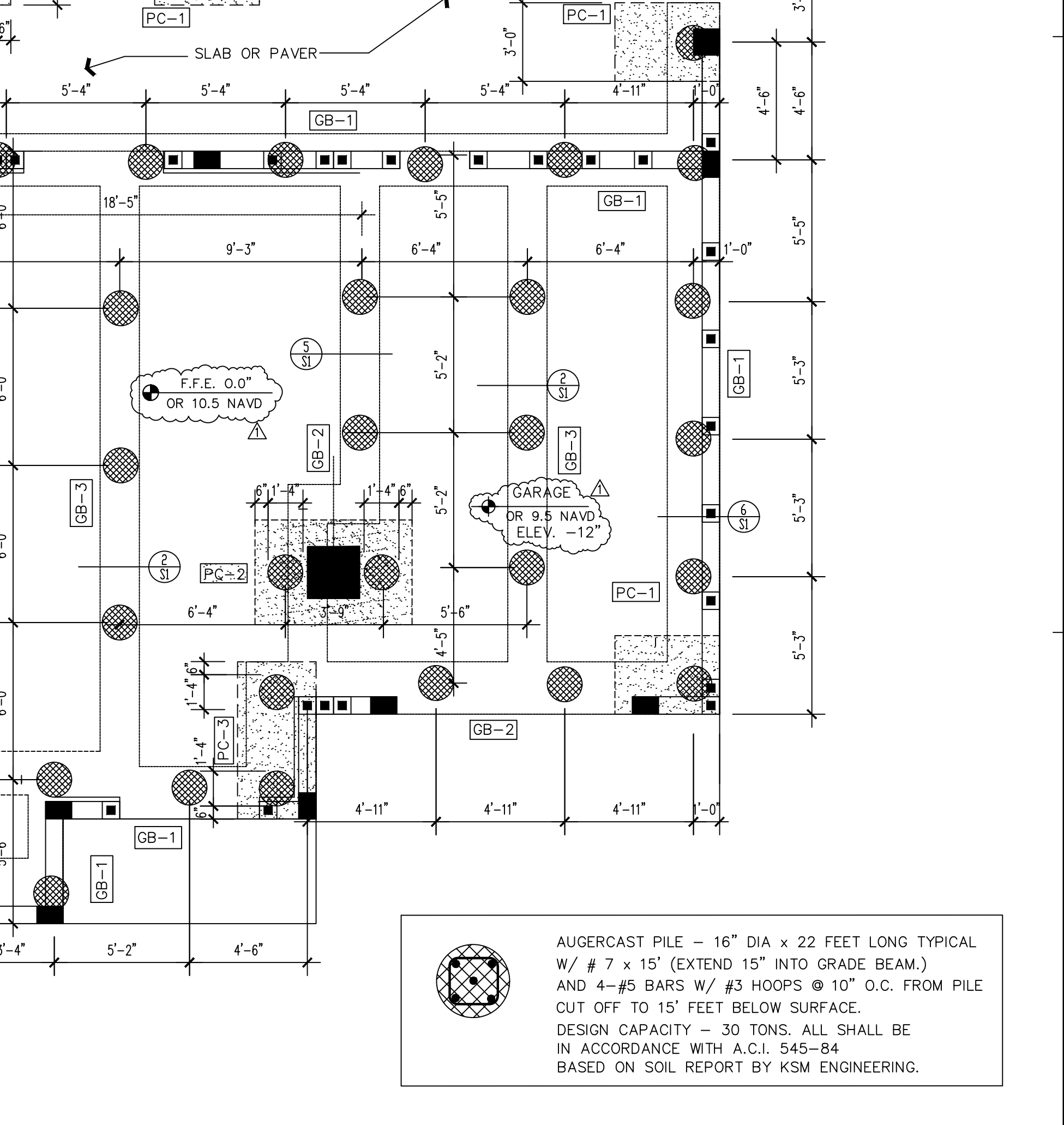
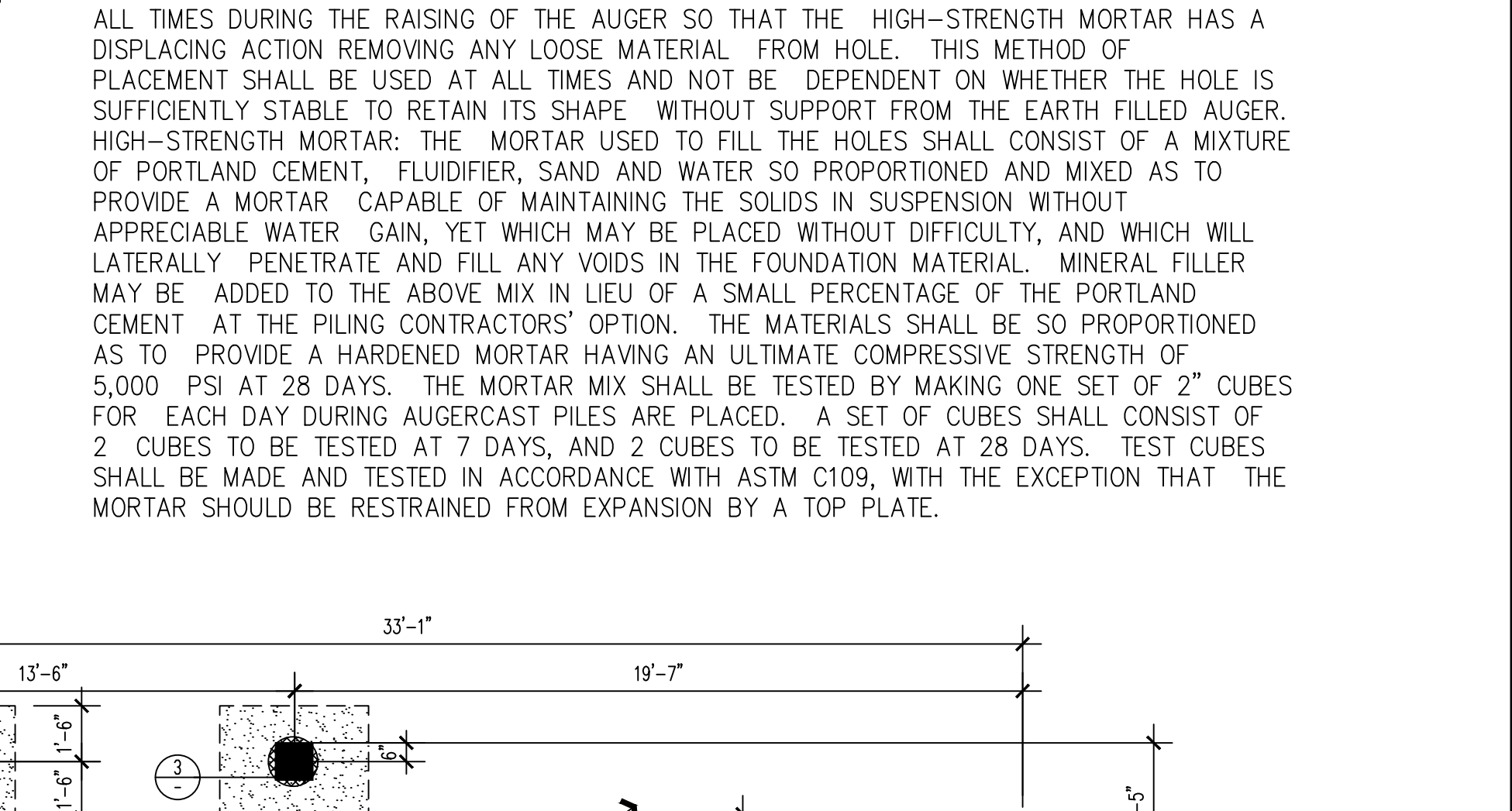
6	GRADE BEAM 1
N.T.S.	



1	1	PILING PLAN
1/4"=1'-0"		



1	1	PILING PLAN
1/4"=1'-0"		



1	1	PILING PLAN
1/4"=1'-0"		

AUGERCAST PILE - 16" DIA x 22 FEET LONG TYPICAL
W/ # 7 x 15" (EXTEND 15" INTO GRADE BEAM.)
AND 4-#5 BARS W/ #3 HOOPS @ 10" O.C. FROM PILE
CUT OFF TO 15' FEET BELOW SURFACE.
DESIGN CAPACITY - 30 TONS. ALL SHALL BE
IN ACCORDANCE WITH A.C.I. 545-84
BASED ON SOIL REPORT BY KSM ENGINEERING.

James D Bushouse, State of Florida, Professional Engineer, No. 20311
This item has been electronically signed and sealed by James D Bushouse, P.E. on July 27, 2022 using a Digital Signature.
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A

PILING PLAN
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A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
Project No: HVN
Cadd File NO:
DATE
PERMIT SET 07/13/23
BLDG REV. COMT 08/30/23
Sheet No:
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FOUNDATION NOTES:

- FLOOR SLAB TO BE 6" THICK POURED CONCRETE SLAB WITH REINFORCEMENT AS SHOWN ON PLAN ON 4 MIL VISQUEEN VAPOR BARRIER ON WELL TAMPED SAND FILL. SOIL TO BE TERMITE TREATED PER LOCAL CODE.
 - CONCRETE SHALL CONFORM TO ACI 318/83 AND SHALL HAVE 4000 PSI COMPRESSIVE STRENGTH IN 28 DAYS. MAXIMUM SLUMP 5".
 - REINFORCING STEEL SHALL BE ASTM 615 GRADE 60 AND HAVE THE FOLLOWING MINIMUM CONCRETE COVER FOR GRADE BEAMS: BOTTOM 3", TOP 2" SIDES TO BE 1 1/2" CLEAR. COVER FOR SLAB TO BE 3/4" MIN.
 - ALL FOOTINGS SHALL BEAR ON NATURAL SOIL PREPARED, AS IN NOTE 5 BELOW.
 - ALL FILL TO BE CLEAN, GRANULAR PREPARED IN ACCORDANCE WITH NOTE A-F.
 - A. STRIP A FOOT OF EXISTING SOIL FIVE (5) FEET PAST EXTERIOR BUILDING LINES, ALL DELETERIOUS MATERIALS MUST BE COMPLETELY REMOVED.
 - B. FILL SHALL BE CLEAN AND GRANULAR, FREE FROM DELETERIOUS MATERIAL AND WELL GRADED.
 - C. PAD, FOUNDATION TO BE SUPPORTED ON PILING.
 - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL CONCRETE FOOTINGS/PADS, LOAD BEARING WALLS, STEEL/CONCRETE/WOOD COLUMNS, WOOD HEADERS, CONCRETE BEAMS/TIE BEAMS AND HEIGHT ELEVATIONS OF EACH WITH TRUSS MANUFACTURER'S DRAWINGS BEFORE THE POURING OF CONCRETE FOOTINGS/PADS AND SLAB.
 - COORDINATE A/C , MECHANICAL, ELECTRICAL & PLUMBING PLANS FOR REQUIRED OPENINGS IN SLAB.
 - SLEEVE ALL PLUMBING PENETRATIONS.
- SEE ATTACHED AUGER CAST PILE SPECIFICATION

MATERIALS:

- A.) PORTLAND CEMENT: PORTLAND CEMENT SHALL CONFORM TO FEDERAL SPECIFICATIONS SS-C-192 OR CURRENT ASTM STANDARDS, DESIGNATION C150.
- B.) MINERAL FILLER: MINERAL FILLER SHALL BE FINELY POWDERED SILICEOUS MATERIAL WHICH POSSESSES THE PROPERTY OF COMBINING THE LIME LIBERATED DURING THE PROCESS OF HYDRATION OF PORTLAND CEMENT.
- C.) FLUIDIFIER: FLUIDIFIER SHALL BE A COMPOUND POSSESSING CHARACTERISTICS WHICH WILL INCREASE THE FLUIDITY OF THE MIXTURE, REDUCE BLEEDING, ASSIST IN THE DISPERSAL OF CEMENT GRAINS, AND NEUTRALIZE THE SHRINKAGE OF THE HIGH-STRENGTH CEMENT MORTAR (INTERAID AS MANUFACTURED BY THE GROUT SUPPLY COMPANY, BRECKSVILLE, OHIO MEETS THESE SPECIFICATIONS). OTHER COMMERCIALY AVAILABLE ADMIXES SHALL SHOW PRIOR TEST RESULTS BEFORE APPROVAL.
- D.) WATER: WATER SHALL BE FRESH, CLEAN, AND FREE FROM INJURIOUS AMOUNTS OF SEWAGE, OIL, ACID ALKALI, SALTS OR ORGANIC MATTER.
- E.) FINE AGGREGATE: SAND SHALL MEET THE REQUIREMENTS OF CURRENT ASTM STANDARDS, DESIGNATION C33. THE SAND SHALL CONSIST OF HARD DENSE, DURABLE, UNCOATED ROCK PARTICLES AND FREE FROM INJURIOUS AMOUNTS OF SILT, LOAM, LUMPS, SOFT OR FLAKY PARTICLES SHALE, ALKALI, ORGANIC MATTER, MICA, AND OTHER DELETERIOUS SUBSTANCES. IF WASHED, THE WASHING METHOD SHALL BE SUCH AS WILL NOT REMOVE DESIRABLE FINES, AND THE SAND SHALL SUBSEQUENTLY BE PERMITTED TO DRAIN UNTIL THE RESIDUAL-FREE MOISTURE IS REASONABLE UNIFORM AND STABLE. THE SAND SHALL BE WELL-GRADED FROM FINE TO COARSE, WITH FINENESS MODULUS BETWEEN 1.40 AND 3.40. THE FINENESS MODULUS IS DEFINED AS THE TOTAL DIVIDED BY 100 OF THE CUMULATIVE PERCENTAGES RETAINED ON U.S. STANDARD SIEVE NOS. 16, 30, 50 AND 100.

MIXING AND PUMPING OF HIGH-STRENGTH CEMENT MORTAR: ONLY APPROVED PUMPING, CONTINUOUS MIXING AND AGITATING EQUIPMENT SHALL BE USED IN THE PREPARATION AND HANDLING OF THE MORTAR. ALL OIL OR OTHER RUST INHIBITORS SHALL BE REMOVED FROM MIXING DRUMS AND MORTAR PUMPS. IF READY MIX MORTAR IS USED, AN AGITATING STORAGE TANK OF SUFFICIENT SIZE SHALL BE USED BETWEEN THE READY-MIX TRUCK AND THE MORTAR PUMP TO INSURE A HOMOGENEOUS MIX AND CONTINUITY IN THE PUMPING OPERATIONS. ALL MATERIALS SHALL BE SUCH AS TO PRODUCE A HOMOGENEOUS MORTAR OF THE DESIRED CONSISTENCY. IF THERE IS A LAPSE IN THE OPERATION, THE MORTAR SHALL BE RECIRCULATED THROUGH THE PUMP. THE MORTAR PUMP SHALL BE A POSITIVE DISPLACEMENT PISTON TYPE PUMP CAPABLE OF DEVELOPING DISPLACING PRESSURES AT THE PUMP UP TO 350 PSI. THE MINIMUM VOLUME OF MORTAR PLACED IN THE HOLE SHALL AT LEAST EQUAL THE VOLUME OF THE AUGURED HOLE. LOCATION OF PILES: WHEN IN CLUSTERS OF TWO OR MORE, PILES SHALL BE INSTALLED WITHIN 3 INCHES OF DESIGN LOCATION. SINGLE PILES SHALL BE INSTALLED WITHIN 1 -1/2 INCHES OF DESIGN LOCATION. VARIATION FROM PLUMB SHALL NOT EXCEED 1/2 INCH IN TWO FEET. ADJACENT PILES SHALL NOT BE PLACED UNTIL THE MORTAR IN THE PILES HAS REACHED ITS INITIAL SET IN ORDER THAT THERE WILL BE NO INTER CONNECTION BETWEEN ADJACENT PILES WHILE THE MORTAR IS IN A FLUID STATE. AN AS-BUILT SURVEY OF PILE LOCATIONS SHALL BE PERFORMED BY A FLORIDA REGISTERED LAND SURVEYOR. PILES SHALL BE LOCATED ON THE RECORD DRAWINGS HORIZONTALLY AND VERTICALLY FROM THE COLUMN CENTERLINES. SUBMIT THE RECORD DRAWINGS TO THE ARCHITECT FOR APPROVAL.

OBSTRUCTIONS: SHOULD ANY OBSTRUCTION (INCLUDING BUT NOT LIMITED TO BOULDERS AND TIMBERS) BE ENCOUNTERED WHICH SHALL PREVENT PLACING THE PILE TO THE DEPTH REQUIRED, OR SHALL CAUSE THE PILE TO DRIFT FROM THE REQUIRED LOCATION, THE PILE SHALL BE COMPLETED IN ACCORDANCE WITH PARAGRAPH 1, AND THIS SHORT PILE ADDED TO THE UNIT LENGTHS FOR PAYMENT. IF REQUIRED BY THE ENGINEER, AN ADDITIONAL ADJACENT PILE SHALL BE PLACED AND PAID FOR IN ACCORDANCE WITH THE BID BASIS FOR ADDITIONAL FOOTAGE. REFUSAL SHALL BE DEFINED AS THE DEPTH WHERE THE PENETRATION OF THE STANDARD AUGURING EQUIPMENT IS ONE FOOT PER MINUTE OR LESS.

PILE CAPACITY: THE DESIGN IS BASED ON A MAXIMUM WORKING CAPACITY OF 25 TONS PER PILE IN COMPRESSION AND 10 TONS PER PILE IN TENSION. PILE DIAMETER SHALL BE 14 INCHES.

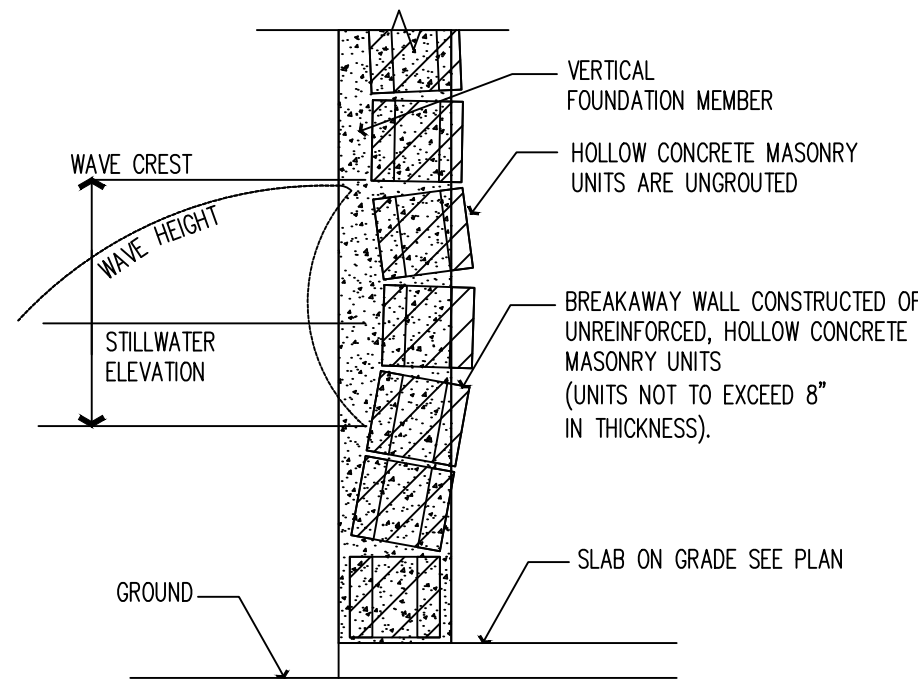
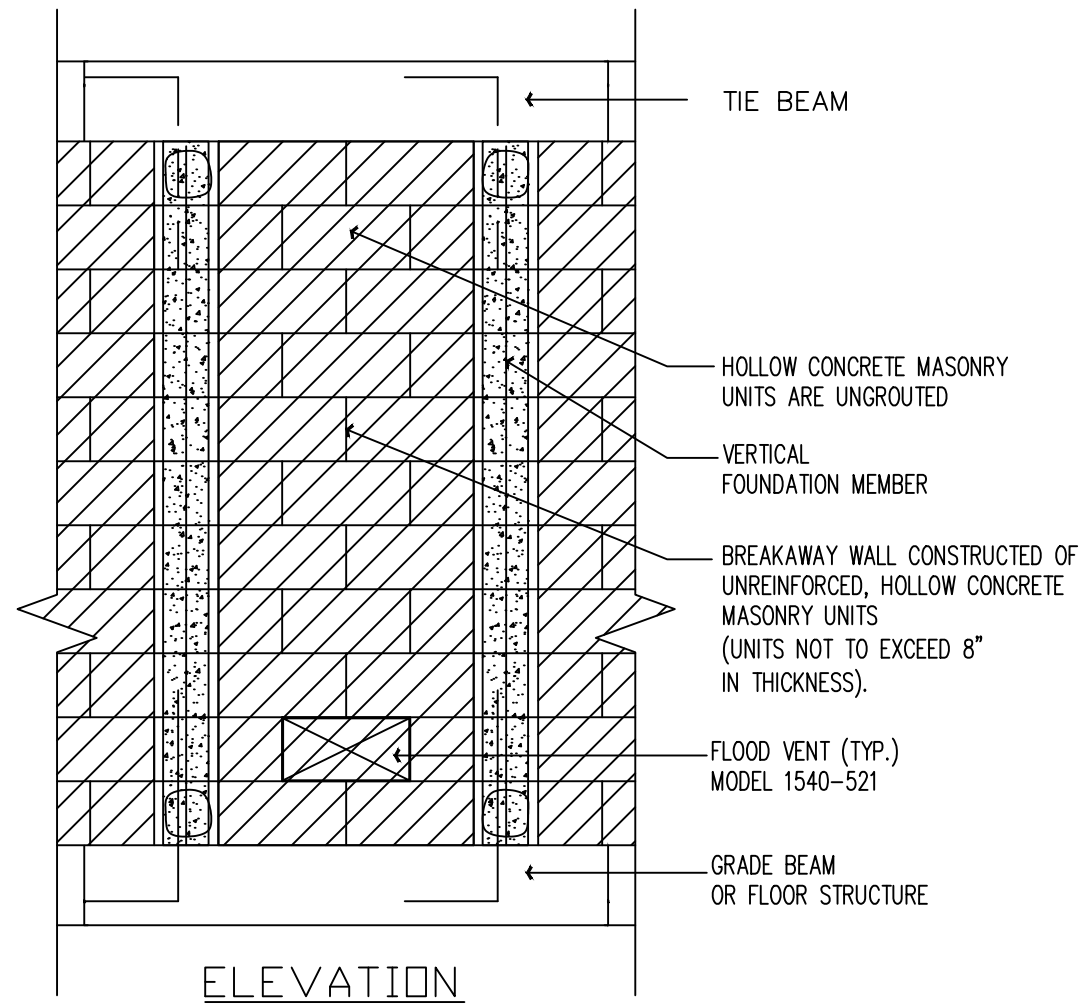
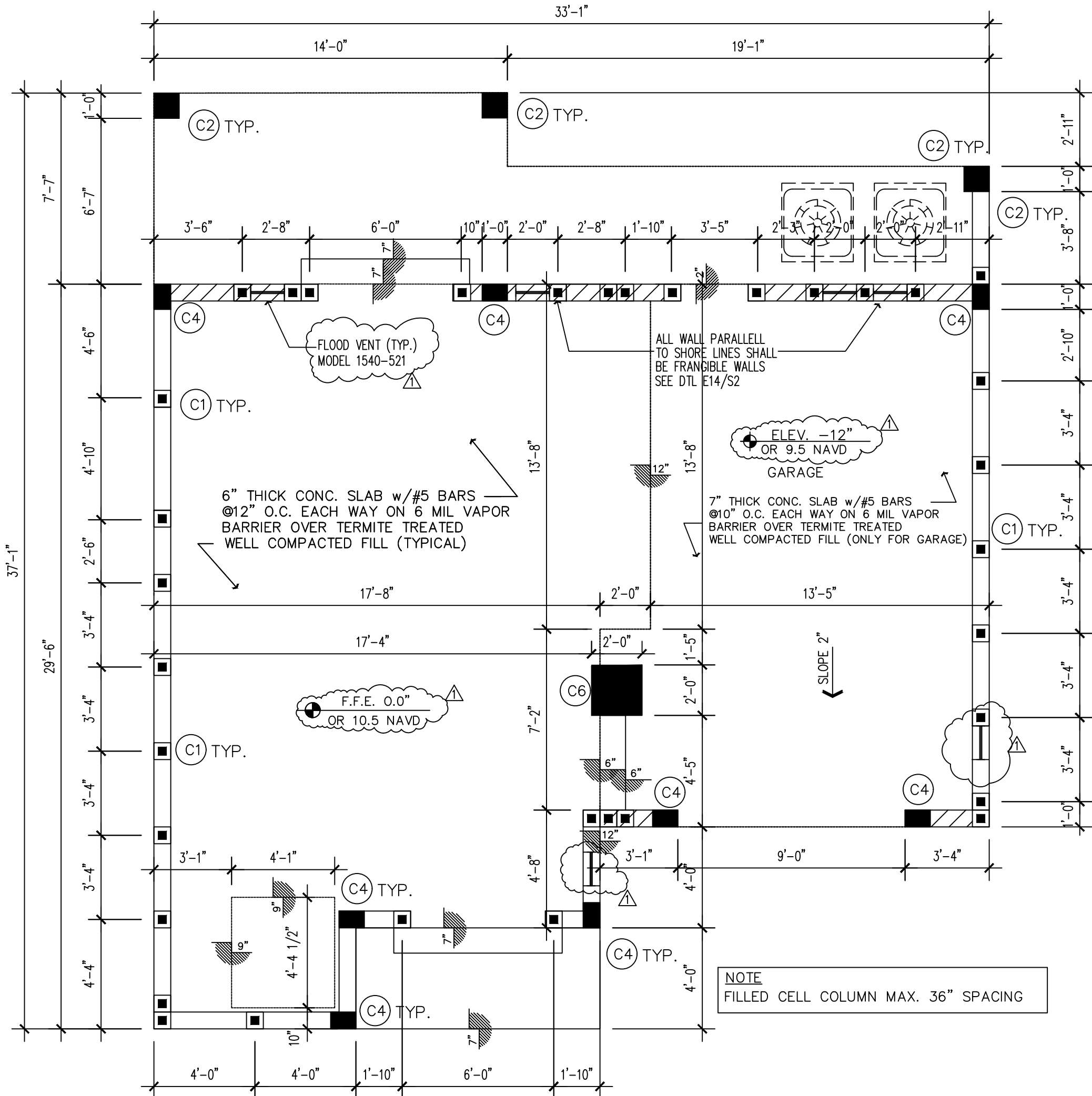
PILE TOPS: WHERE THE PILE CUTOFF IS NEAR THE SURFACE OR ABOVE THE BOTTOM OF THE EXCAVATION, METAL SLEEVES OR CASING OF THE PROPER DIAMETER AND AT LEAST 18 INCHES IN LENGTH SHALL BE PLACED AROUND THE PILE TOPS. (SPECIAL CONDITIONS MAY REQUIRE METAL SLEEVES OF ADDITIONAL LENGTH).

AUGURING EQUIPMENT: THE HOLE THROUGH WHICH THE HIGH-STRENGTH MORTAR IS PUMPED DURING THE PLACEMENT OF THE PILE SHALL BE LOCATED AT THE BOTTOM OF THE AUGER HEAD BELOW THE BAR CONTAINING THE CUTTING TEETH. THE AUGER FLIGHTING SHALL BE CONTINUOUS FROM THE AUGER HEAD TO THE TOP OF AUGER WITH NO GAPS OR OTHER BREAKS. THE PITCH OF THE AUGER FLIGHTING SHALL NOT EXCEED 9 INCHES. AUGERS OVER 40 FEET IN LENGTH SHALL CONTAIN A MIDDLE GUIDE. THE AUGERCAST PILING LEADS SHOULD BE PREVENTED FROM ROTATING BY A STABILIZING ARM.

PILE REINFORCEMENT: ALL PILES SHALL BE REINFORCED WITH 5#5 VERTICAL REINFORCING BARS WITH #3 TIES @ 10" C/C EXTENDING 15'-0" BELOW PILE CUT OFF ELEVATION AND 1#7 VERTICAL REINFORCING BAR AT CENTER OF PILE EXTENDING FULL LENGTH. PROVIDE CENTERING DEVICES FOR REINFORCING CAGE AT 10'-0" C/C MAX. SPACING.

COLUMN SCHEDULE

- | | | | |
|----|-----------------------------------------------------------------|----|-----------------------------------------------------------------|
| C1 | REINFORCED MASONRY COL. w/ 11-#5 Ø VERT. FILL w/ 5000 PSI CONC. | C5 | 8"x16" POURED CONC. COL. w/ 6-#5 Ø CONT. w/ #3 HOOP @ 8" O.C. |
| C2 | 12"x12" POURED CONC. COL. w/ 4-#6 Ø VERT. w/ #3 TIES @ 8" O.C. | C6 | 24"x24" POURED CONC. COL. w/ 8-#5 Ø CONT. w/ #3 HOOP @ 12" O.C. |
| C3 | 4"x4"x1/4" T.S. COL. FILL w/ 4000 PSI CONC. | | |
| C4 | 8"x12" POURED CONC. COL. w/ 4-#6 Ø CONT. w/ #3 HOOP @ 8" O.C. | | |
- 24" 24" 8-#5 Ø CONT. #3 HOOP @ 12" O.C.



E14

BREAKAWAY WALL

SCALE: NTS.

FRANGIBLE WALLS

FOUNDATION NOTES:

- FLOOR SLAB TO BE 6" THICK POURED CONCRETE SLAB WITH REINFORCEMENT AS SHOWN ON PLAN ON 4 MIL VISQUEEN VAPOR BARRIER ON WELL TAMPED SAND FILL. SOIL TO BE TERMITE TREATED PER LOCAL CODE.
- CONCRETE SHALL CONFORM TO ACI 318/83 AND SHALL HAVE 4000 PSI COMPRESSIVE STRENGTH IN 28 DAYS. MAXIMUM SLUMP 5".
- REINFORCING STEEL SHALL BE ASTM 615 GRADE 60 AND HAVE THE FOLLOWING MINIMUM CONCRETE COVER FOR GRADE BEAMS: BOTTOM 3", TOP 2" SIDES TO BE 1 1/2" CLEAR. COVER FOR SLAB TO BE 3/4" MIN.
- ALL FOOTINGS SHALL BEAR ON NATURAL SOIL PREPARED, AS IN NOTE 5 BELOW.
- ALL FILL TO BE CLEAN, GRANULAR PREPARED IN ACCORDANCE WITH NOTE A-F.
- A. STRIP A FOOT OF EXISTING SOIL FIVE (5) FEET PAST EXTERIOR BUILDING LINES, ALL DELETERIOUS MATERIALS MUST BE COMPLETELY REMOVED.
- B. COMPACT BOTTOM OF EXCAVATION WITH MEDIUM DUTY VIBRATORY ROLLER.
- C. FILL SHALL BE CLEAN AND GRANULAR, FREE FROM DELETERIOUS MATERIAL AND WELL GRADED.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL CONCRETE FOOTINGS/PADS, LOAD BEARING WALLS, STEEL/CONCRETE/WOOD COLUMNS, WOOD HEADERS, CONCRETE BEAMS/TIE BEAMS AND HEIGHT ELEVATIONS OF EACH WITH TRUSS MANUFACTURER'S DRAWINGS BEFORE THE POURING OF CONCRETE FOOTINGS/PADS AND SLAB.
- COORDINATE A/C , MECHANICAL, ELECTRICAL & PLUMBING PLANS FOR REQUIRED OPENINGS IN SLAB.
- SLEEVE ALL PLUMBING PENETRATIONS.
- SEE ATTACHED AUGER CAST PILE SPECIFICATION

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SLAB PLAN

A CUSTOM HOME FOR:
PRIVATE RESIDENCE
422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA

Drawn by: MOH
Project No: HVN
Cadd File NO.:

DATE

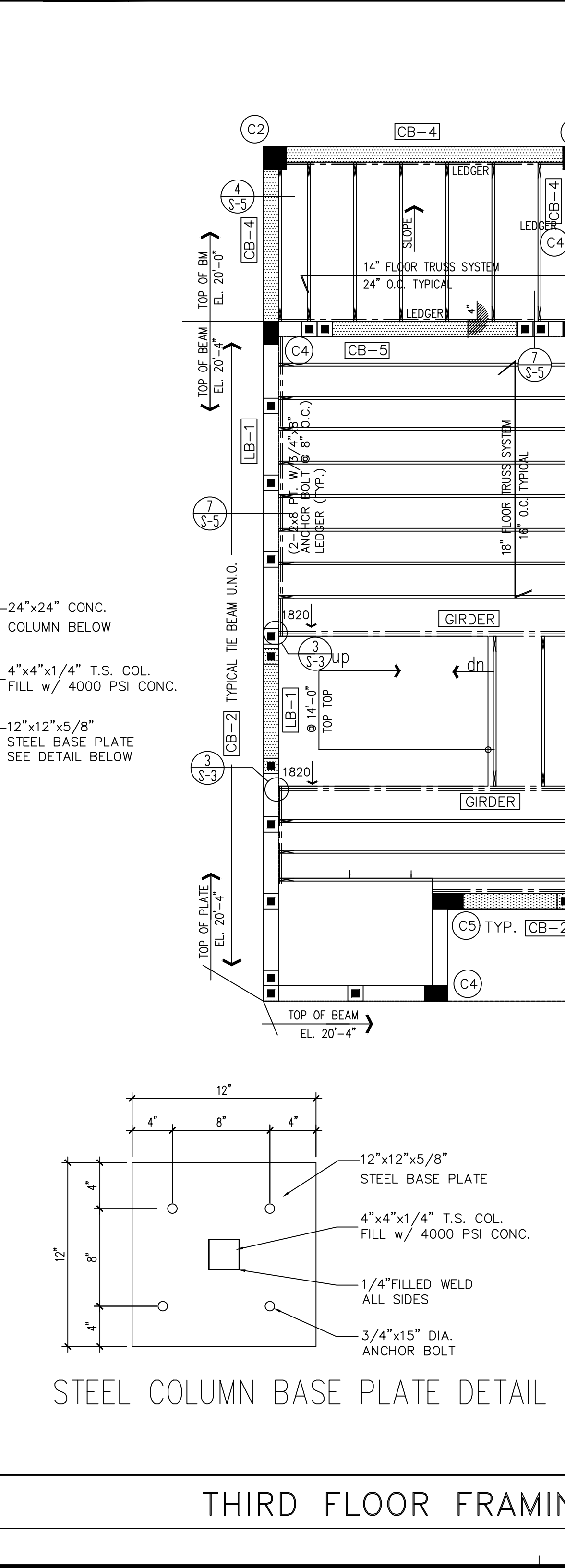
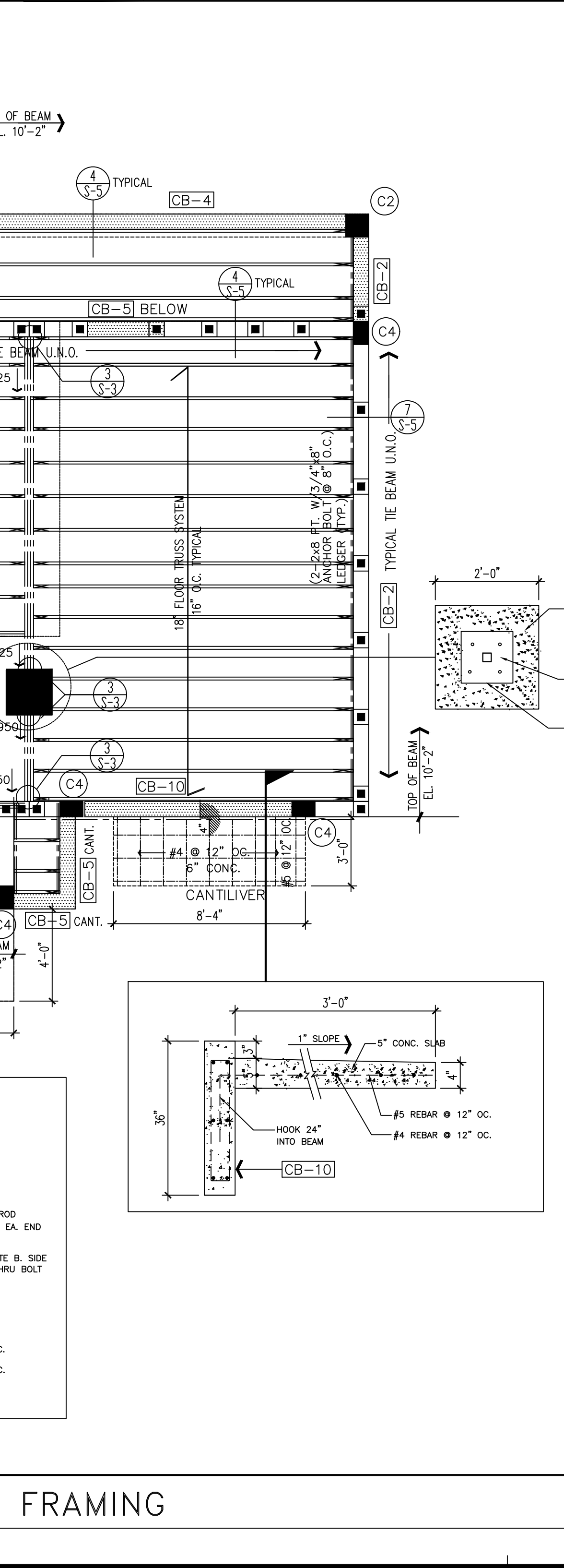
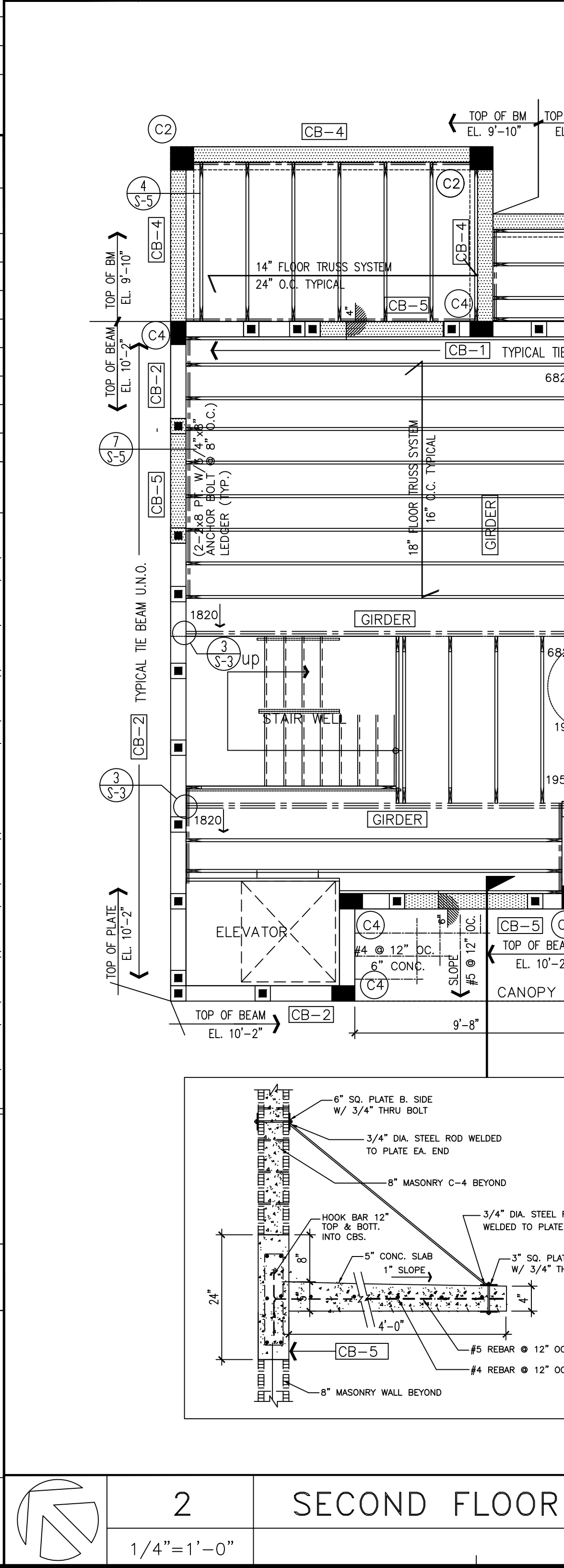
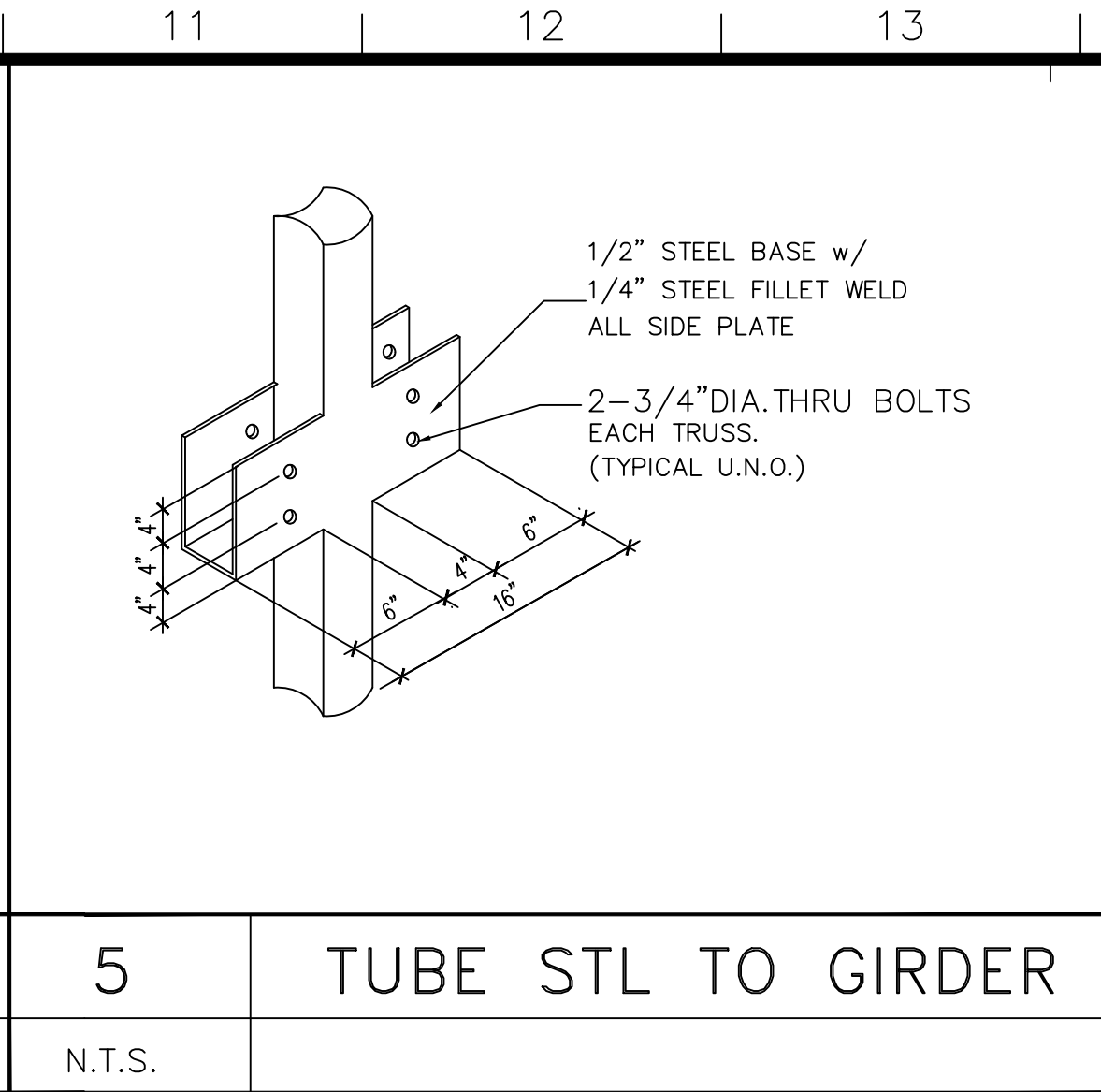
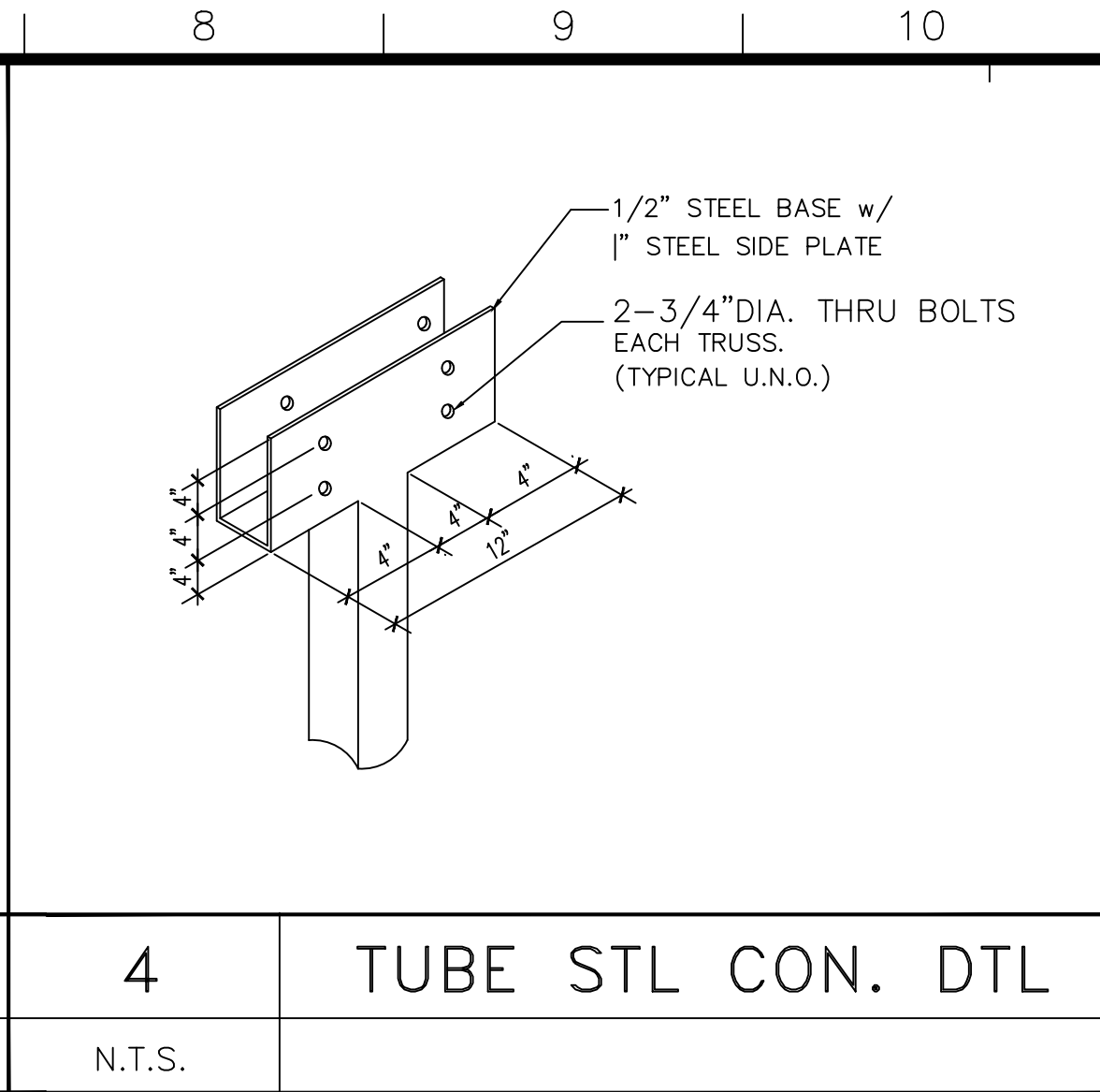
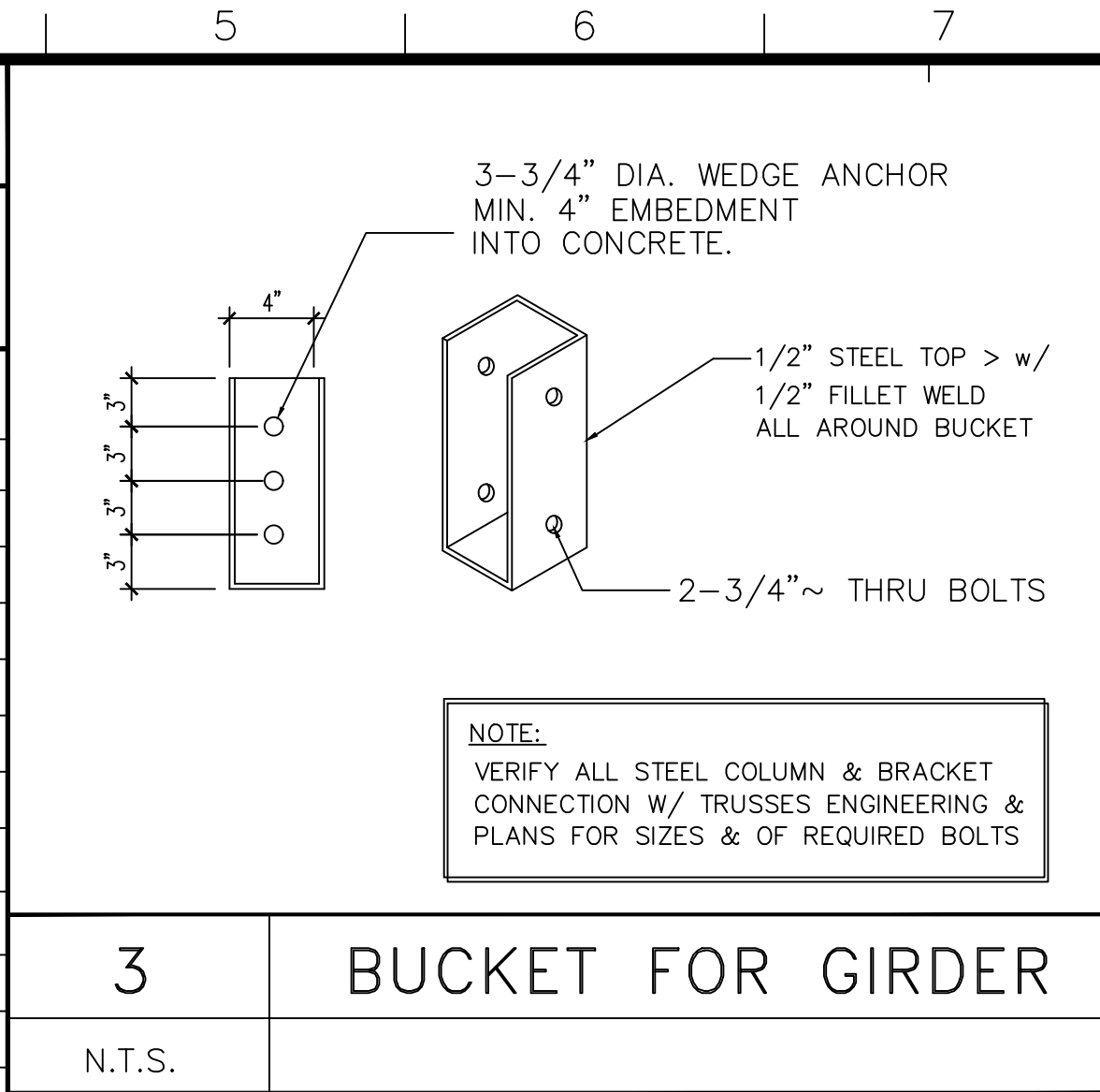
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	1					2					3					4				
BEAM SCHEDULE																				
CB = CONCRETE TIE BEAM BB = CONCRETE MASONRY BOND BEAM LB = PRECAST LINTEL BEAM WB = WOOD BEAM STL = STEEL BEAM LAM = LAMINATED WOOD BEAM																				
MARK		SIZE		TOP STL.		BOTTOM STL.		MIDDLE STL.		REMARKS										
CB-1		8" x 12"		2- # 5		2- # 5		-		#3 HOOPS @ 12" O.C.										
CB-2		8" x 16"		2- #5		2- # 5				#3 HOOPS @ 12" O.C.										
CB-3		8" x 18"		2- # 6		2- # 6		2- # 6		#3 HOOPS @ 6" O.C. CANTILVER BM										
CB-4		8" x 18"		2- # 6		2- # 6		2- # 6		#3 HOOPS @ 8" O.C.										
CB-5		8" x 24"		2- # 5		2- # 5		2- # 5		#3 HOOPS @ 12" O.C.										
CB-6		8" x 18"		2- # 5		2- # 5		2- # 5		#3 HOOPS @ 8" O.C.										
CB-7		8" x 32"		2- # 5		2- # 6		2- # 5		#3 HOOPS @ 8" O.C.										
CB-8		12" x 24"		3- # 9		6- # 9 IN 2 LAYERS		2- # 6		#4 HOOPS @ 8" O.C.										
CB-9		16" x 28"		4- # 7		4- # 7		2 # 7		#4 HOOPS @ 8" O.C.										
CB-10		8" x 36"		2- # 6		2- # 6		2- # 6		#3 HOOPS @ 8" O.C.										
CB-11		8" x 24"		2- # 5		2- # 5		2- # 5		#3 HOOPS @ 12" O.C.										
CB-12		8" x 16" TO 16"		2- # 6		2- # 6		2- # 5		#3 HOOPS @ 6" O.C. HOOK BAR INTO COLUMN OR BEAM 24" OVERLAP										
LB-1		8" x 8"				1- # 5				PRE-CAST LINTEL										
1. ALL LINTELS TO BE BY CAST CRETE AND POURED SOLID W/ BLOCK AND BEAM ABOVE																				
LINTEL SAFE LOADS TABLE (CAST-CRETE)																				
MARK ◇		LENGTH OF LINTEL		GRAVITY		UPLIFT		LATERAL		LINTEL TYPE										
A		3'-4"		2231		1569		1025		8U8										
B		4'-0"		1966		1363		765		8U8										
C		4'-6"		1599		1207		592		8U8										
D		5'-4"		1217		1016		411		8U8										
E		5'-10"		1062		909		340		8U8										
F		7'-6"		743		727		424		8U8										
G		9'-4"		554		591		326		8U8										
H		10'-6"		475		530		284		8U8										
PNEUMATIC FASTENER LEGEND																				
PNEUMATIC FASTNERS - ITW RAMSET / REDHEAD																				
APPLICATION				SIZE		TYPE		SPACING		REMARKS										
MTL STRAP TO CONC. BLOCK OR TIE BEAM				300 HD 7/8" WASHER 1 1/2" LONG		SERIES 1524		MIN. 3 PINS PER STRAP		0.143" DIA. SHANK MIN. 2" FROM EDGE OF CONC.										
NON BRG. WALL SILL PLATE TO CONC. SLAB AND KNEEWALLS				300 HD 7/8" WASHER 3" LONG		SERIES 1524 SD		12" O.C.		5/32" DIA. SHANK W/HEAD W/ " R " LOGO STAMP										
METAL LATH & WIRE FASTNERS - PNEU-FAST CO.																				
APPLICATION				SIZE		TYPE		SPACING		REMARKS										
WIRE LATH				16 GAUGE W/ MIN. 1 1/2" PENETRATION		# 101 - 1		6" APART SIDE LAPS 9" APART		SEE F.R.C 2004 SEC. R.703.6 ASTM C926 AND ASTM 1063										
3/8" RIB MTL. LATH				16 GAUGE W/ MIN. 1 1/2" PENETRATION		# 101 - 1		6" APART SIDE LAPS 9" APART												
CEMENT ROOF TILES - ATLAS COLLATED NAILS																				
APPLICATION				SIZE		TYPE		SPACING		REMARKS										
FLAT OR " S " TILE				3" x .120"		GALV. RING SHANK		PER TILE MANFU SPEC'S		SEE F.R.C. 2004 SEC. R905.3,5 AND 905.3.6										
ROOF/WALL SHEATHING - ATLAS COLLATED NAILS																				
APPLICATION				SIZE		TYPE		SPACING		REMARKS										
5/8" (APA 19/32")				2 1/2" x .131"		8d COATED PLN SHK		EDGES - 4" ROOF - 4"		SEE F.R.C. 2004 TABLE R602.3										
ALL ROOF / WALL SHEATHING NAILED 4" O.C.																				
NOTES: 1. HAND NAILING MAY BE USED IN LIEU OF POWER DRIVEN FASTNERS 2. STAPLES SHALL NOT BE USED FOR THE ATTACHMENT OF UNDERLAYMENT, ANCHOR SHEETS, ASPHALT SHINGLES OR TIN CAPS. STAPLES SHALL NOT BE USED FOR THE ATTACHMENT OF ROOF SHEATHING TO ROOF FRAMING MEMBERS. 3. FASTENING OF GARAGE DOORS, WINDOWS AND EXTERIOR SWING DOORS TO FRAMING BUCKS SHALL BE AS PER MANUFACTURERS SPEC'S. 4. ALL FASCIA MATERIAL SHALL BE HAND FRAMED.																				
THIS STATEMENT IS TO CERTIFY THAT THE MAXIMUM UPLIFT FOR ANY ROOF MEMBER IS LESS THAN OR EQUAL TO UPLIFT CAPACITY OF THE ANCHOR SPECIFIED (SEE TRUSS ANCHOR SCHEDULE)																				
LATERAL WIND LOADS FOR TRUSS CONNECTIONS HAVE BEEN DESIGNED BY RATIONAL ANALYSIS FOR THE ACTUAL LATERAL LOADS AND DO NOT EXCEED THE ALLOWABLE LATERAL LOADS LIST ON THE STRAP CONNECTION SCHEDULES INCLUDED ABOVE POURED SOLID W/ BLOCK AND BEAM ABOVE																				
MAXIMUM LATERAL LOADS AT ANCHOR SPACED 24' PERPENDICULAR TO WALL = 480 LBS PARALLEL TO WALL = 360 LBS																				
1 GENERAL NOTES																				



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ANNAM CORPORATION CUSTOM DESIGN 201 S.W. 10th Street Boca Raton, FL 33432 PHONE (561) 445-9135				
FRAMING PLAN				
A CUSTOM HOME FOR: PRIVATE RESIDENCE 422 S. OCEAN DRIVE, FT. PIERCE, FLORIDA				
Drawn by: MOH		Project No: HWN		
Cadd File NO:		DATE		
PERMIT SET		07/13/23		
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NOTE: ALL FASTENER AND NAILING TO BE STAINLESS STEEL

METAL LATH & WIRE FASTNERS – PNEU-FAST CO.

METAL ROOF TILES – ATLAS COLLATED NAILS

APPLICATION	SIZE	TYPE	SPACING	REMARKS
-------------	------	------	---------	---------

NOTES:: ALL FASCIA AND DRIP EDGE NAILS SHALL BE 316 STAINLESS STEEL

APPLICATION	SIZE	TYPE	SPACING	REMARKS
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ALL ROOF / WALL SHEATHING NAILED 4" O.C.

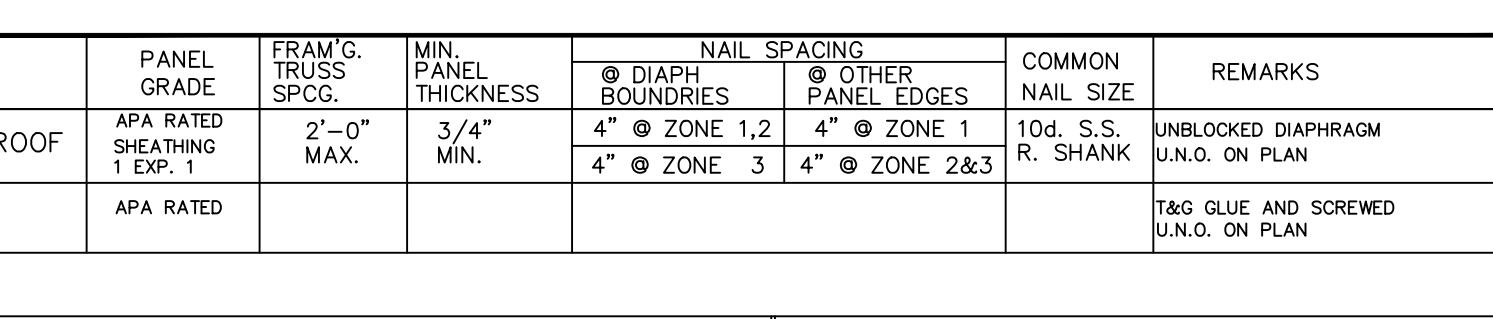
N.T.S.	IN THE PLANE OF THE WEBS
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MARK ◇	CONNECTOR BY SIMPSON	U/LIFT Lbs	LATERAL LOAD	LATERAL F2	NUMBER OF 10d COM. NAILS	REMARKS
A1	H110A	1140#	565	285	(9) 10d x 1-1/2" TO TRUSS (9) 10d LEDGER / PLATE	FL-104456
A2	LUS 28	955/1625	----	----	(4) 16d x 1-1/2" TO LEDGER (4) 16d TO JOIST	FL-105331
A3	LUS 24	420#	----	----	(4) 10d x 1-1/2" TO LEDGER (2) 10d TO JOIST	FL-105331
A4	HETAL 16	1810#	415	1100	(14) 10d x 1-1/2" NAILS	FL-105331
A5	2-VGT	7185#	----	----	2-5/8" DIA. x 12" EPOXY ANCHOR 32x1/4"x3" SDS CREWS	FL-105331
A6	VGT & HTTS	4940#	1185	590	16-1/4"x3" SDS TO TRUSS 26 SD #10x1-1/2" TO STUDSS 5/8"HRD ROD CONNECTOR	FL-105331
A7	2-HTS 20 TWISTED STRAP	2900#	----	----	(10) 16d x 1-1/2" NAILS TO STUD (10) 16d x 1-1/2" NAILS TO GIRDER	FL-105331

Notes:

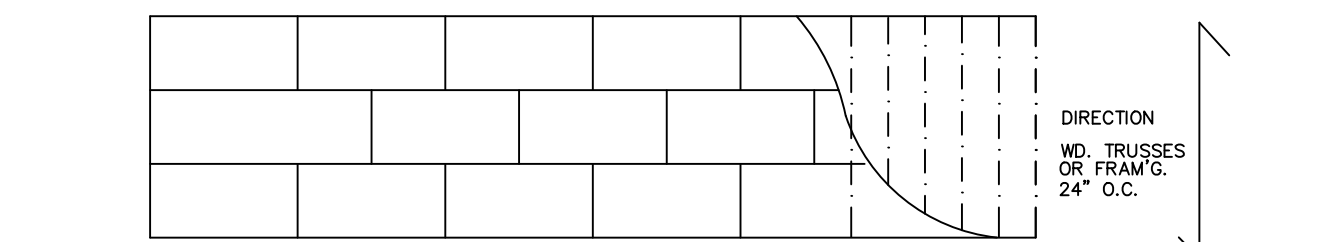
1. Where more than one strap is used, multiply the uplift capacity by the number of straps. Example: # of straps 2D Mark 2x1240lbs = 2480 lbs uplift capacity
2. The uplift for each truss/girder is less than or equal to the uplift capacity for the specified anchor.
3. All truss to concrete connections to be MARK A, unless otherwise noted. (This means that any unmarked trusses have an uplift range from 1 to 800 lbs).
4. All truss to steel connections to be MARK 1, unless otherwise noted. (This means that any unmarked trusses have an uplift range from 1 to 1475 lbs).
5. Alternative truss anchors w/ equal uplift & lateral load capacity maybe substituted w/ engineer's approval.

$$\frac{1}{4}'' = 1' - 0''$$



PERMANENT 2" X 4" DIAGONAL BRACING IN THE PLANE OF THE NEAREST WEIR MEMBER CONNECTION WITH (2) - 16d NAILS IN EACH WEB AT LEAST (3) TRUSSES AT APPROX. 46 DEGREE ANGLE. (REF: HIB-91, Fig. 37, 38 & 39).

PERMANENT BRACING IN THE PLANE OF THE STRUCTURAL BOTTOM CHORD OF THE TRUSS. CONNECT WITH (2) - 11d NAILS IN EACH TRUSS (ROOF ONLY).



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FRAMING PLAN

A CUSTOM HOME FOR:
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5 STEPPED BOND BEAM DETAIL



4 FLOOR DETAIL



7 FLOOR DETAIL
N.T.S.



3 WOOD COLUMN ASSEMBLY



6 TYP. WALL INTERSECTION DETAIL



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DETAILS


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