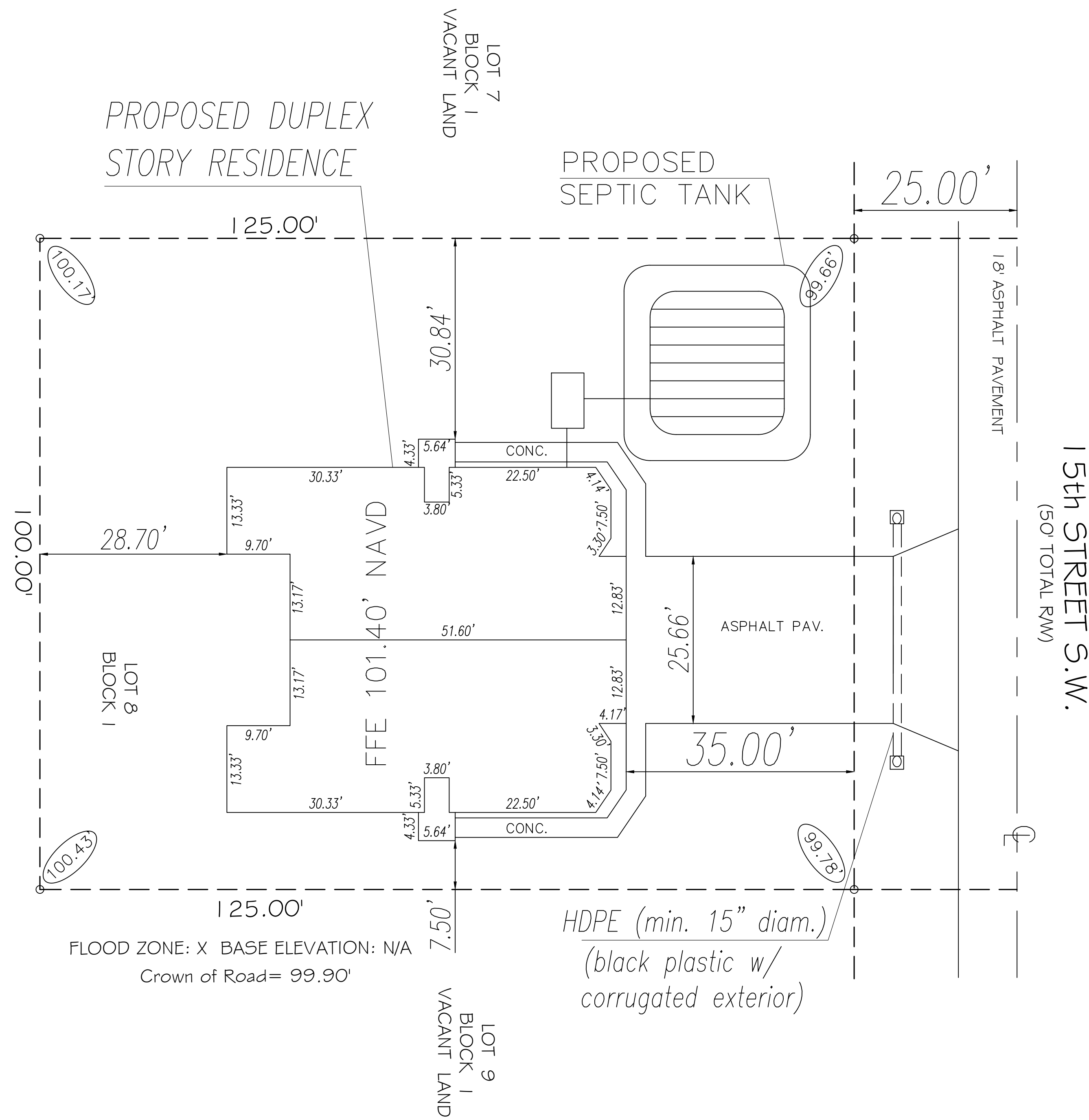
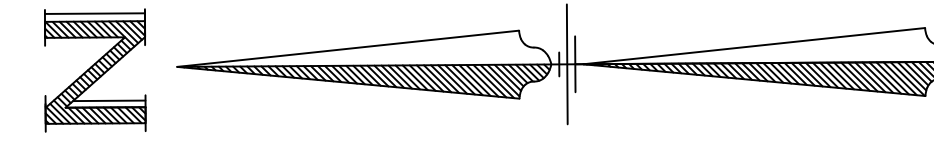


PROPERTY ADDRESS:

4428 15TH STREET S.W., LEHIGH ACRES, FLORIDA 33973.

LEGAL DESCRIPTION:

LOT 8, IN BLOCK 1, UNIT 5, LEHIGH ESTATES, A SUBDIVISION OF LEHIGH ACRES, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 15, AT PAGE(S) 1 THROUGH 101, INCLUSIVE, OF THE PUBLIC RECORDS OF LEE COUNTY, FLORIDA.


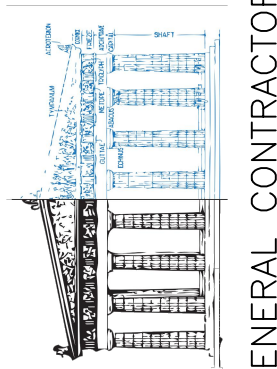


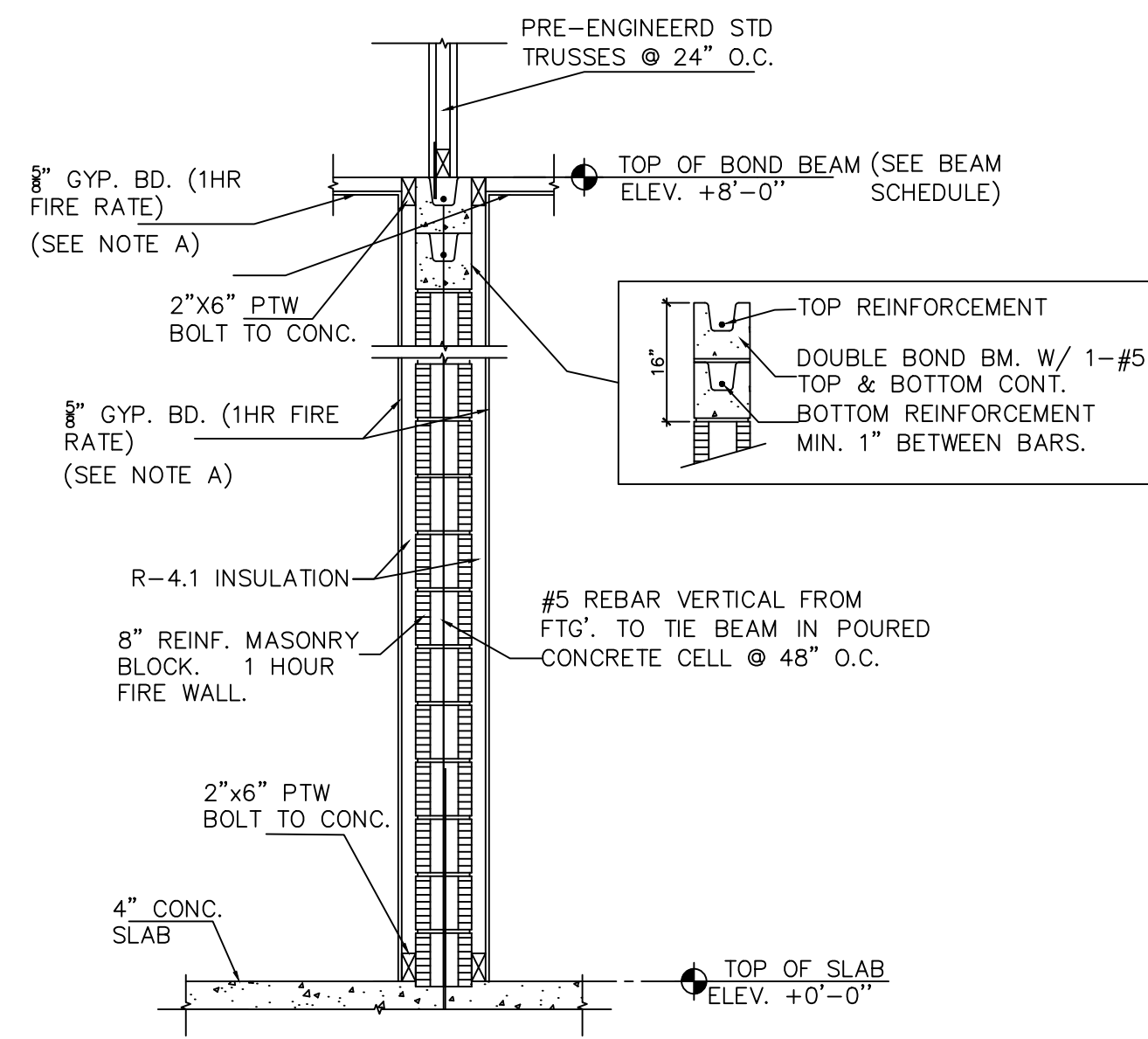
**SITE PLAN**  
SCALE 1"=1'-0"

DRAWING INDEX	
SHEET #	SHEET DESCRIPTION
S-P	SITE PLAN
A-1	FLOOR PLAN
A-2	FOUNDATION PLAN
A-3	ELEVATIONS
A-4	ROOF PLAN
A-5	ELECTRICAL PLAN
A-6	DETAILS
SW-P	TYPE 1 STORMWATER PLAN

APPLICABLE CODES:  
 -6TH EDITION (2017) FLORIDA BUILDING CODE  
 -6TH EDITION (2017) FLORIDA EXISTING CODE  
 -2014 STANDARD NATIONAL ELECTRICAL CODE

THIS DESIGN HAS BEEN PREPARED UNDER SUPERVISION,  
 DIRECTION AND CONTROL BY:  
 RDA CONSULTING ENGINEERS, LLC.  
 CERTIFICATE OF AUTHORITY: 31149  
 RONNY DE AZA, PE  
 LIC NO. 78411  
 3606 ENTERPRISE AVE, SUITE 251  
 NAPLES, FLORIDA 34104  
 P. 239-302-3280 F. 239-302-3281  
 ronnydeaza@rdaff.com

REVISIONS	
Main@SanchezEnterprise.net	
 ENTERPRISE GROUP, LLC	
 GENERAL CONTRACTOR CGC 1514485 239 692 6495 239 348 0096	
PROPOSED FOR: YABEYRE SERVICES INC. 4428 15TH STREET S.W. LEHIGH ACRES, FL 33973	
SHEET TITLE: SITE PLAN	
DATE	06-12-2019
JOB NUMBER	
DRAWN BY:	L.M.
SHEET No.	S-P
SEAL	



**FIRE WALL SECTION 1 A-1**  
SCALE 1/2" = 1'-0"

**JOB DATA**

ULTIMATE DESIGN WIND SPEED : 160  
 NOMINAL DESIGN WIND SPEED : 132  
 RISK CATEGORY : 2  
 IMPORTANCE FACTOR : 1.0  
 BUILDING OCCUPANCY CLASSIFICATION : RESIDENTIAL  
 BUILDING CONSTRUCTION TYPE : 5B  
 EXPOSURE CATEGORY : B  
 OPENING PROTECTION :  
 INTERNAL PRESSURE COEFFICIENTS : +0.18, -0.18 (ENCLOSED)

FLOOR LIVE LOAD : 1/360 LIVE, 1/240 DEAD  
 ROOF LIVE LOAD : 1/360 LIVE, 1/240 DEAD (SUPPORTING PLASTER CEILING)

THE STRUCTURAL COMPONENTS OF THIS PLAN ARE IN COMPLIANCE WITH THE 6TH EDITION FLORIDA BUILDING CODE, WIND LOAD COMPLIANCE AND ITS RESISTANCE TO GRAVITY AND DESIGN PRESSURES GENERATED BY A WIND VELOCITY OF 160 MPH

WIND VELOCITY (MPH)	160
IMPORTANCE FACTOR	1.00
EXPOSURE CATEGORY	B
INTERNAL PRESSURE COEFFICIENT	( +, - ) 0.18
MEAN ROOF HEIGHT (FT)	10'-0"
BUILDING WIDTH (FT)	53'-1"
BUILDING LENGTH (FT)	61'-4"
ROOF SLOPE	5:12
ENCLOSED STRUCTURE	

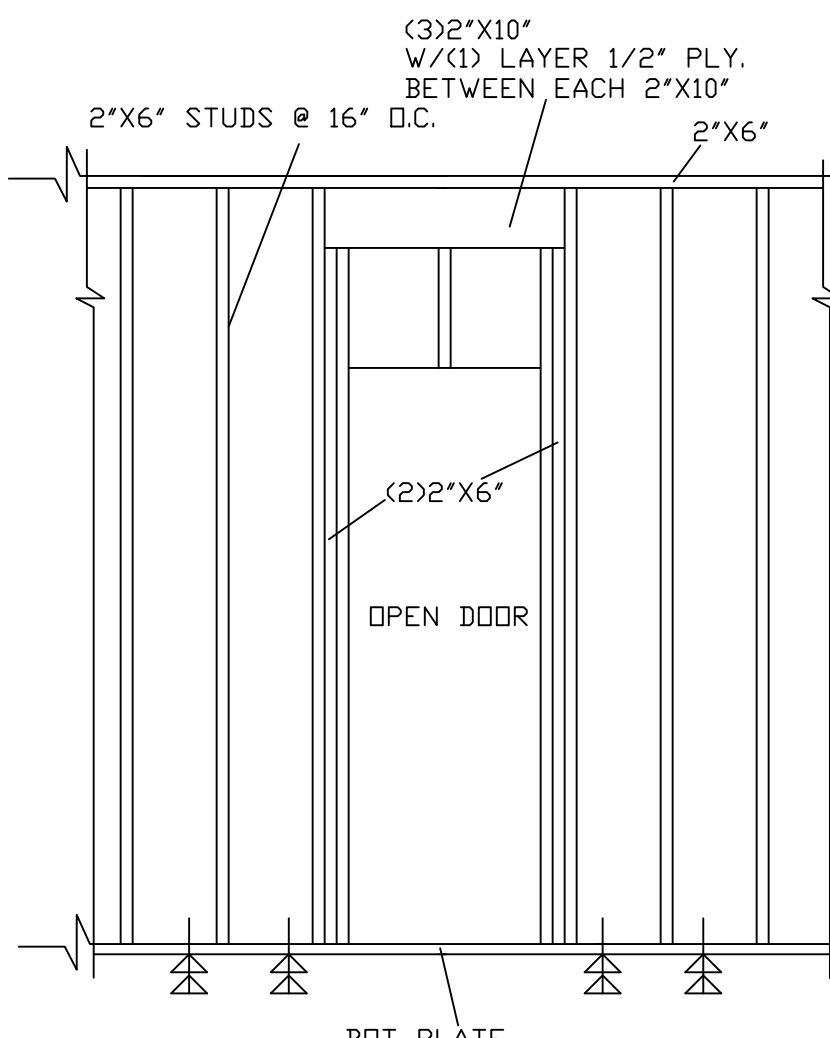
**DOOR SCHEDULE**

ZONE	SYMBOL	DOOR SIZE	TYPE	REMARK	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)
ZONE 4	①	3'-0" X 6'-8"	ENTRY	EXT.	35.97	-39.18
ZONE 5	②	9'-0" X 7'-0"	GARAGE	EXT.	35.36	-45.73
ZONE 4	③	8'-0" X 6'-8"	SLD	EXT.	35.97	-39.18

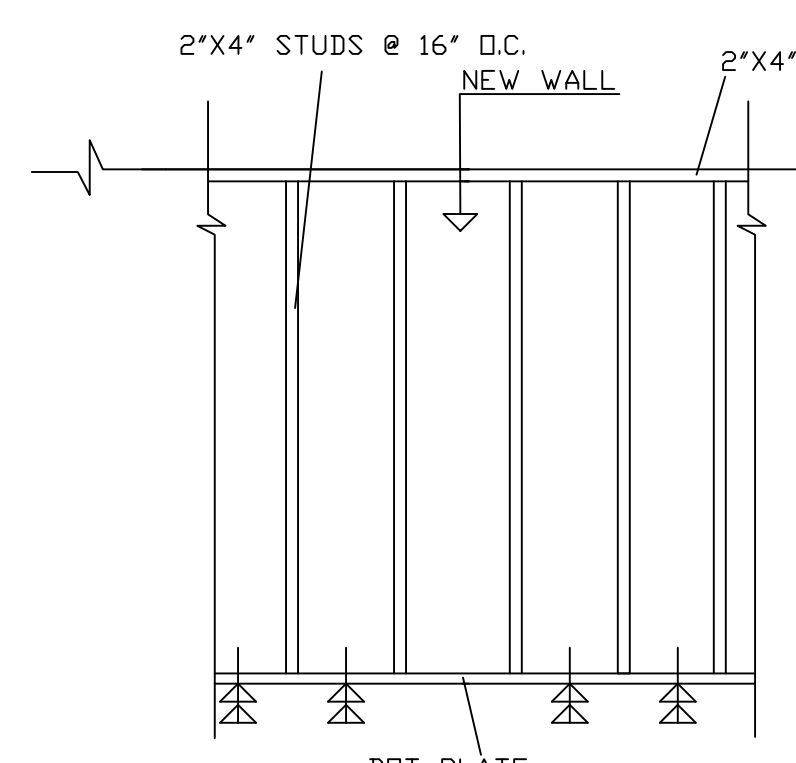
**WINDOW SCHEDULE**

ZONE	SYMBOL CODE	WINDOW SIZE	TYPE	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)	REMARK
ZONE 4	②5	37" X 63"	SINGLE HUNG	37.80	-41.00	SHUTTER
ZONE 5	②5	37" X 63"	SINGLE HUNG	37.80	-50.61	SHUTTER
ZONE 4	②9	26" X 26"	SINGLE HUNG	37.80	-41.00	SHUTTER
ZONE 5	③5	53" X 63"	SINGLE HUNG	37.80	-50.61	SHUTTER
ZONE 5	③7	24" X 63"	SINGLE HUNG	37.80	-50.61	SHUTTER

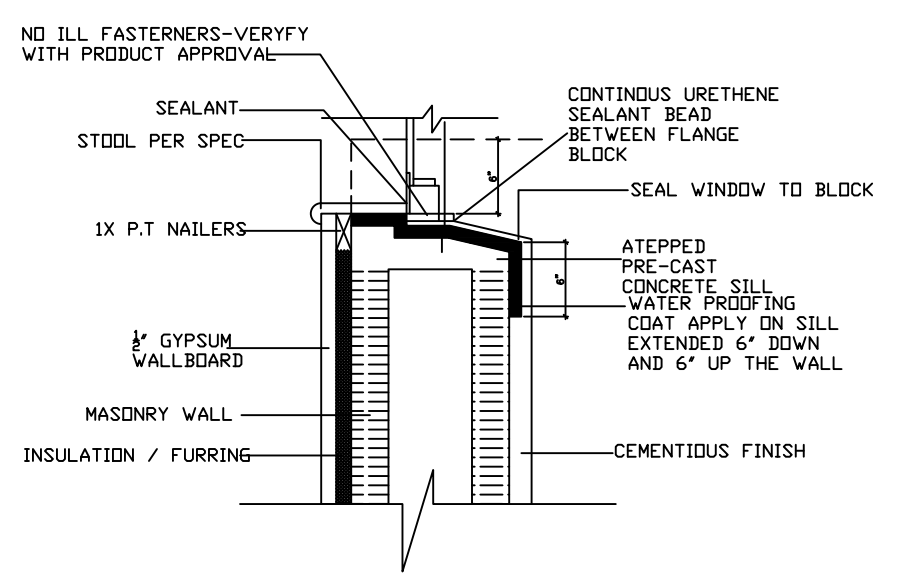
ADD 1" WIDTH AND HEIGHT TO WINDOW ROUGH OPENING



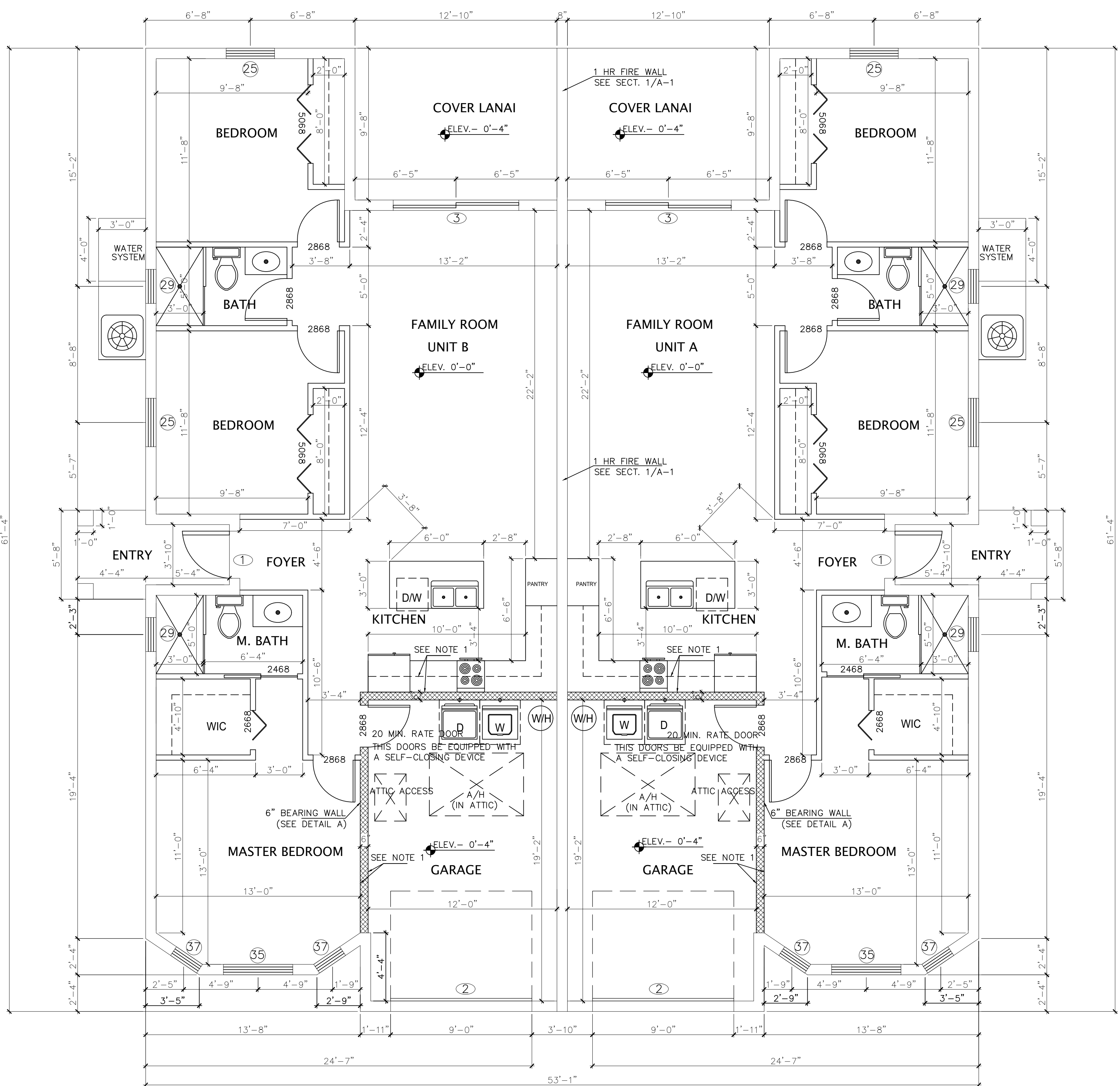
TYP. DETAIL BEARING WALL (METAL FRAME)  
N.T.S.



TYP. DETAIL NEW NON BEARING WALL (METAL FRAME)  
N.T.S.



**SH WINDOW SILL - CMU**  
N.T.S.



**FLOOR PLAN**  
SCALE 1/4" = 1'-0"

**LEGEND**

CMU WALL	[Pattern]
INTERIOR PARTITION	[Pattern]
6" BEARING WALL	[Pattern]

**NOTE:**  
1. NOT LESS THAN 1/2" GYP. BOARD OR EQUIVALENT R302.5.6

**NOTE A:**  
Fire Rating: 1 hr.  
Interior Wall  
Fire Test: UL U404  
Steel Stud (Non-load-bearing)  
Gypsum Board - 5/8 in. thick gypsum board applied horizontally or vertically  
Steel Studs - Min. 3-1/2 in. deep, 20 ga. spaced max. 16 in. OC  
Batts and Blankets - Min. 3 in. thick mineral wool batt insulation  
**Ceiling**  
Fire Test: UL P531 or GA RC 2604  
Structural Member - Open web wood truss  
Ceiling Support - Resilient channels  
Finished Ceiling - 5/8 in. (15.9 mm) thick gypsum board

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CERTIFICATE OF AUTHORITY: 31149  
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GENERAL CONTRACTOR  
CCC 1514485

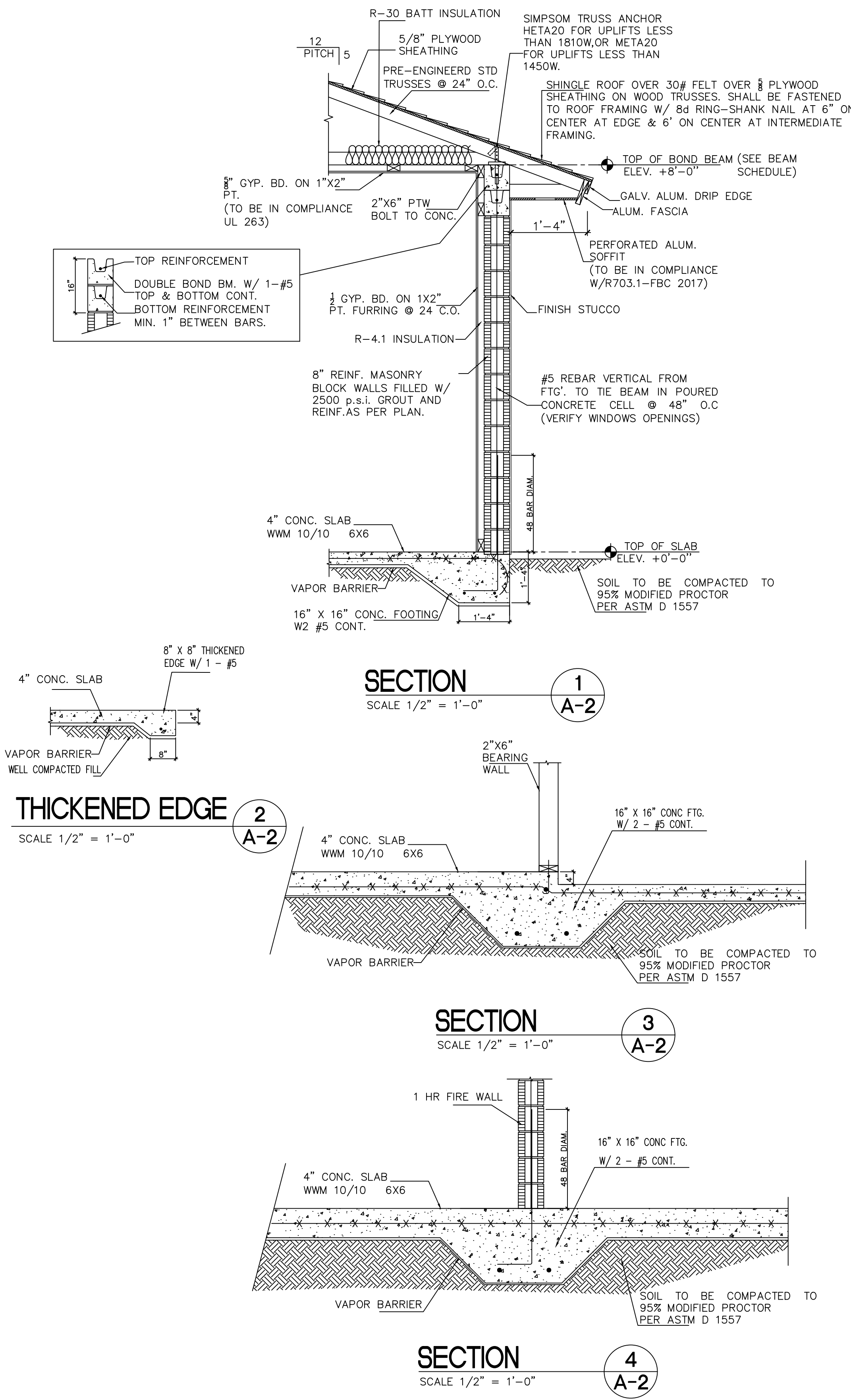
ENTERPRISE GROUP, LLC  
239 692 6495  
239 348 0096

PROPOSED FOR: YABEYRE SERVICES INC.  
4428 15TH STREET S.W.  
LEHIGH ACRES, FL 33973

SHEET TITLE: FLOOR PLAN

DATE: 06-12-2019  
JOB NUMBER:  
DRAWN BY: L.M.  
SHEET No. **A-1**  
SEAL



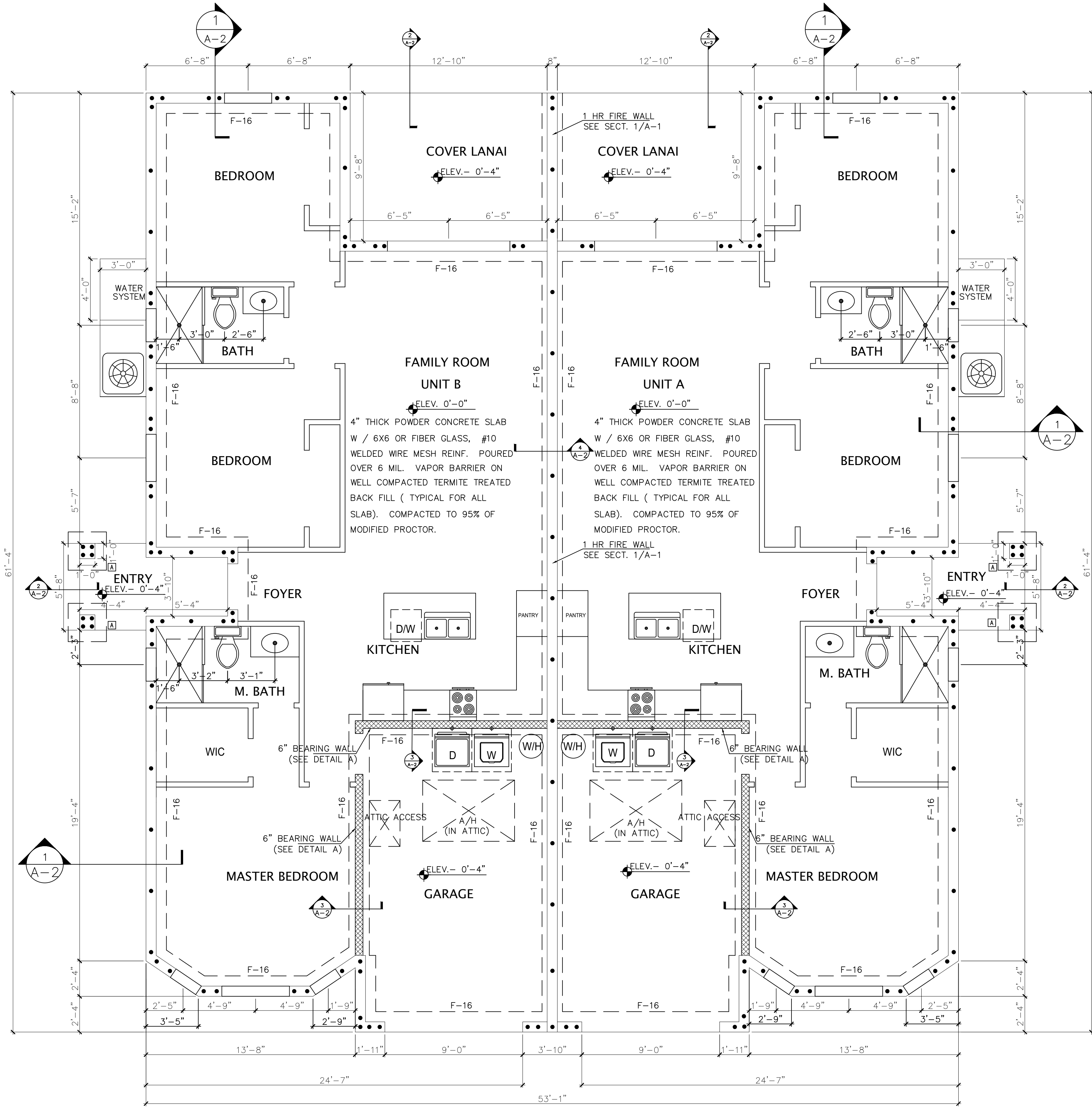


- FOUNDATION/GROUND FLOOR NOTES**
- FLOOR SLAB IS A 4" CONC. SLAB-ON-GRADE ( $f_c=3000$  psi) WITH 6 X 6 W1.4 X W1.4 W.W.F. @ MID-DEPTH (NOT SHOWN) ON WELL COMPACTED & TREATED SOIL OVER 6 MIL. VAPOR BARRIER. REFER TO DETAIL. SOIL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR PER ASTM D 1557 IN LIFTS NOT TO EXCEED 12".
  - FOUNDATIONS ARE DESIGNED FOR 3000 PSF. GENERAL CONTRACTOR SHALL VERIFY THE VALIDITY OF THIS ASSUMPTION.
  - CENTER OF LOAD SHALL COINCIDE WITH CENTER OF FOOTING U.N.O.
  - ALL CONCRETE TO HAVE A MINIMUM 3000 PSI COMPRESSIVE STRENGTH WITH THE WATER/CEMENT RATIO OF 0.5 MAXIMUM.
  - INDICATES ADDITIONAL #5 IN CMU WALLS.
  - REFER TO ARCHITECTURE PLANS FOR ALL DIMENSIONS.
  - ALL REINFORCEMENT SHALL BE GRADE 60.
  - BUILDING PAD SHALL BE COMPACTED 5'-0" EACH SIDE OF THE BUILDING AND SLOPE AT 30 DEGREES TO GRADE. FOOTING SHALL EMBED AT LEAST 12". IF THESE CONDITIONS CAN NOT BE MET, THE BUILDING SHALL BE ON STEM WALL FOUNDATION. NOTIFY ENGINEER PRIOR TO CONSTRUCTION.
  - SOIL SHALL BE TREATED FOR TERMITE PROTECTION AS PER SECTION R318 OF F.B.C. 6TH EDITION 2017.

- MASONRY WALL REINFORCEMENT CEMENT**
- WALL REINFORCEMENT SHALL BE DOVELEDED FROM FOUNDATION AND BE CONTINUOUS THROUGH SOLID GROUTED CELLS AND BE HOOKED OVER TOP REINFORCEMENT OF UPPER BEAMS. MINIMUM LAP SPICE SHALL BE 48 BAR DIAMETERS. FOR HORIZONTAL WALL REINFORCEMENT, @ EVERY OTHER COURSE.
  - WALL REINFORCEMENT IS F11L DVS. #5 @ 48" O.C. PROVIDE 1 #5 AT ALL WALL INTERSECTIONS, CORNERS, AND EACH SIDE OF OPENINGS AND 2 #5 EACH SIDE OF OPENINGS LARGER THAN 6'-0".
  - WALL SEGMENT BELOW AND ABOVE THE OPENINGS SHALL BE REINFORCED SAME AS WALL.
  - MASONRY GROUT = 2500 P.S.I
  - MASONRY WALL COMPRESSIVE STRENGTH OF  $F_m = 1500$  P.S.I
  - MORTAR TYPE M OR S WITH 1900 P.S.I COMPRESSIVE STRENGTH.

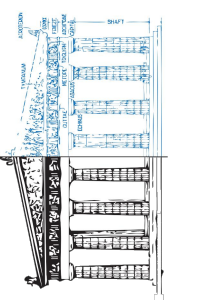
**FOOTING SCHEDULE**

MARK	SIZE	REINFORCEMENT	REMARKS
A	30"x30"x16"	6-#4 EA. WAY, BOTT.	
F-16	16" x 16"	16" X 16" CONC. FOOTING W/2 #5 CONT.	SEE SECTION 1/2



REVISIONS

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**Sanchez**  
ENTERPRISE GROUP, LLC

GENERAL CONTRACTOR  
CGC 1514485  
239 692 6495  
239 348 0096

PROPOSED FOR: YABEYRE SERVICES INC.  
4428 15TH STREET S.W.  
LEHIGH ACRES, FL 33973

SHEET TITLE: FOUNDATION PLAN

DATE  
06-12-2019  
JOB NUMBER

DRAWN BY:  
L.M.

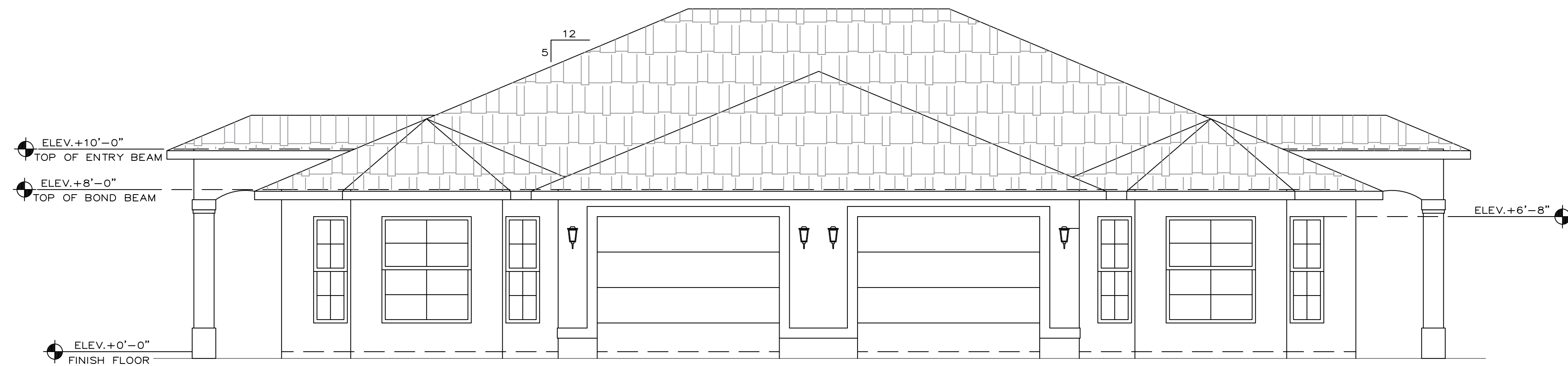
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**A-2**

SEAL

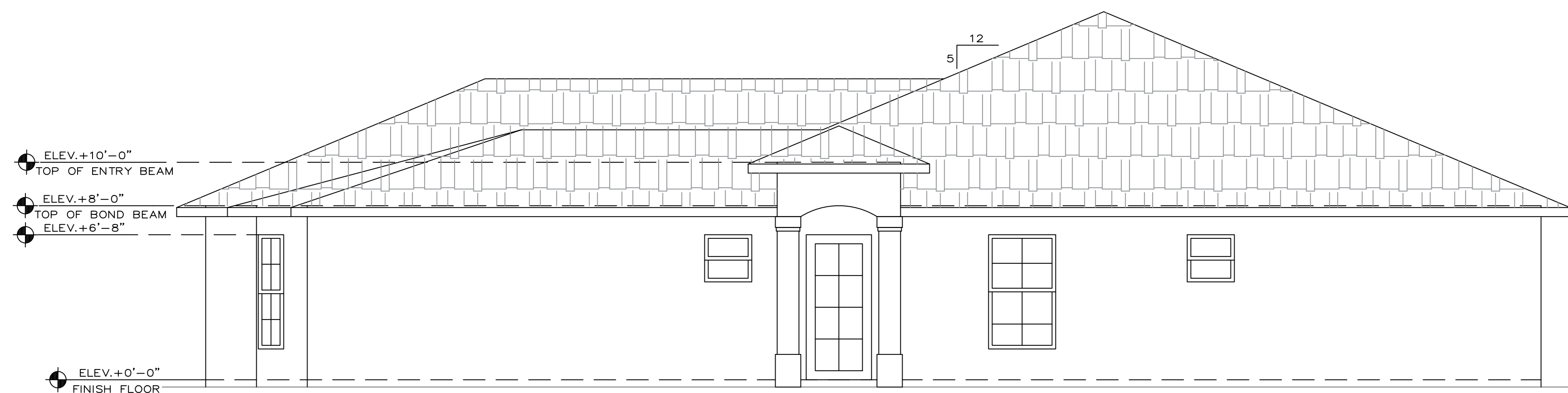
THIS DESIGN HAS BEEN PREPARED UNDER SUPERVISION, DIRECTION AND CONTROL BY:

RDA CONSULTING ENGINEERS, LLC.  
CERTIFICATE OF AUTHORITY: 31149  
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LIC NO. 78411

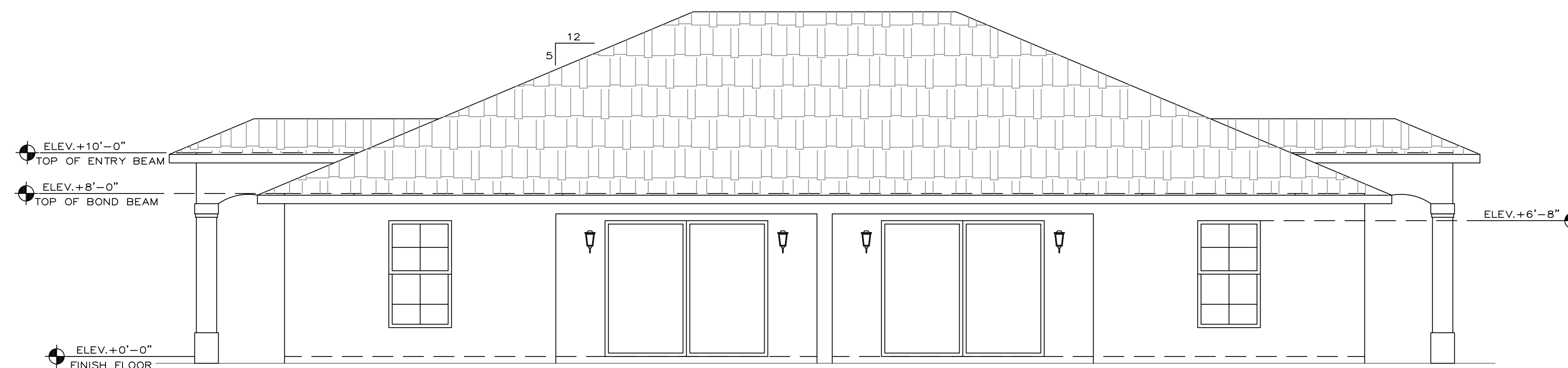
3606 ENTERPRISE AVE, SUITE 251  
NAPLES, FLORIDA 34104  
P. 239-302-3280 F. 239-302-3281  
ronnydeaza@rdafl.com



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



**RIGHT ELEVATION**  
SCALE 1/4" = 1'-0"



**REAR ELEVATION**  
SCALE 1/4" = 1'-0"



**LEFT ELEVATION**  
SCALE 1/4" = 1'-0"

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*Sanchez*  
ENTERPRISE GROUP, LLC

GENERAL CONTRACTOR  
CGC 1514485  
239 692 6495  
239 348 0096

PROPOSED FOR: YABEYRE SERVICES INC.  
4428 15TH STREET S.W.  
LEHIGH ACRES, FL 33973

SHEET TITLE: ELEVATIONS

DATE

06-12-2019

JOB NUMBER

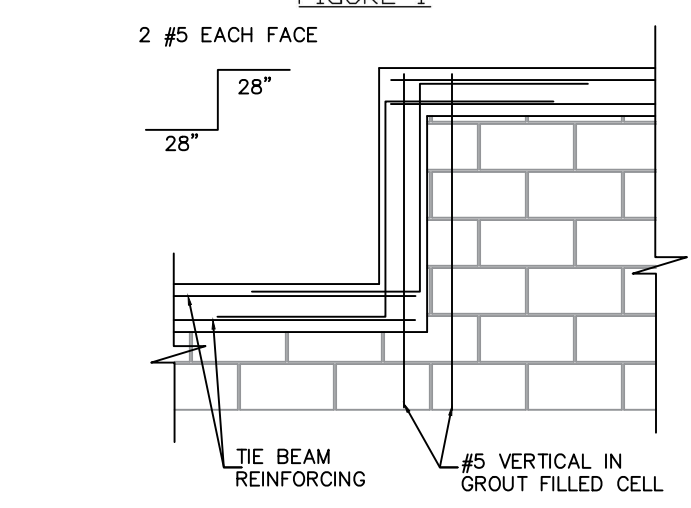
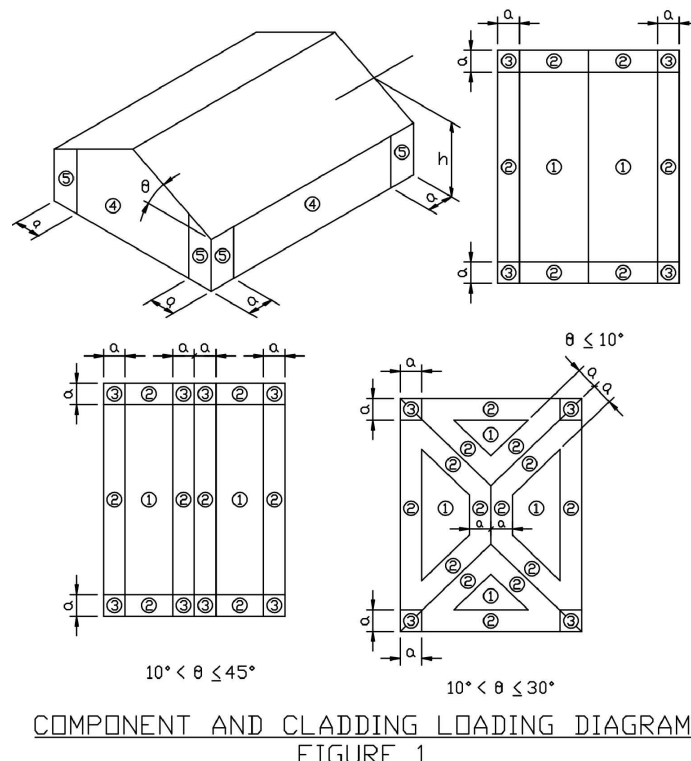
DRAWN BY:  
L.M.

SHEET No.

**A-3**

SEAL





**8" COMPOSITE U-LINTEL TYPES**

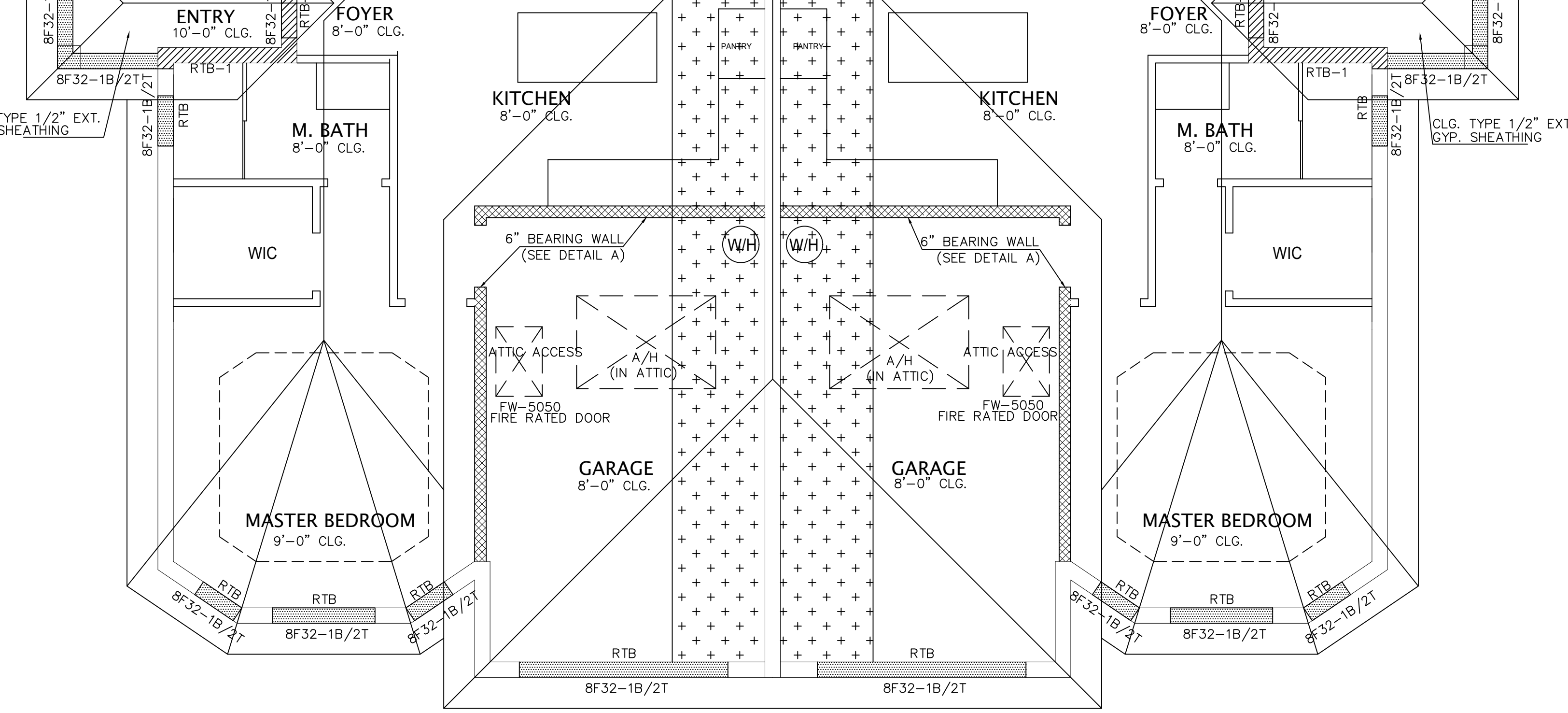
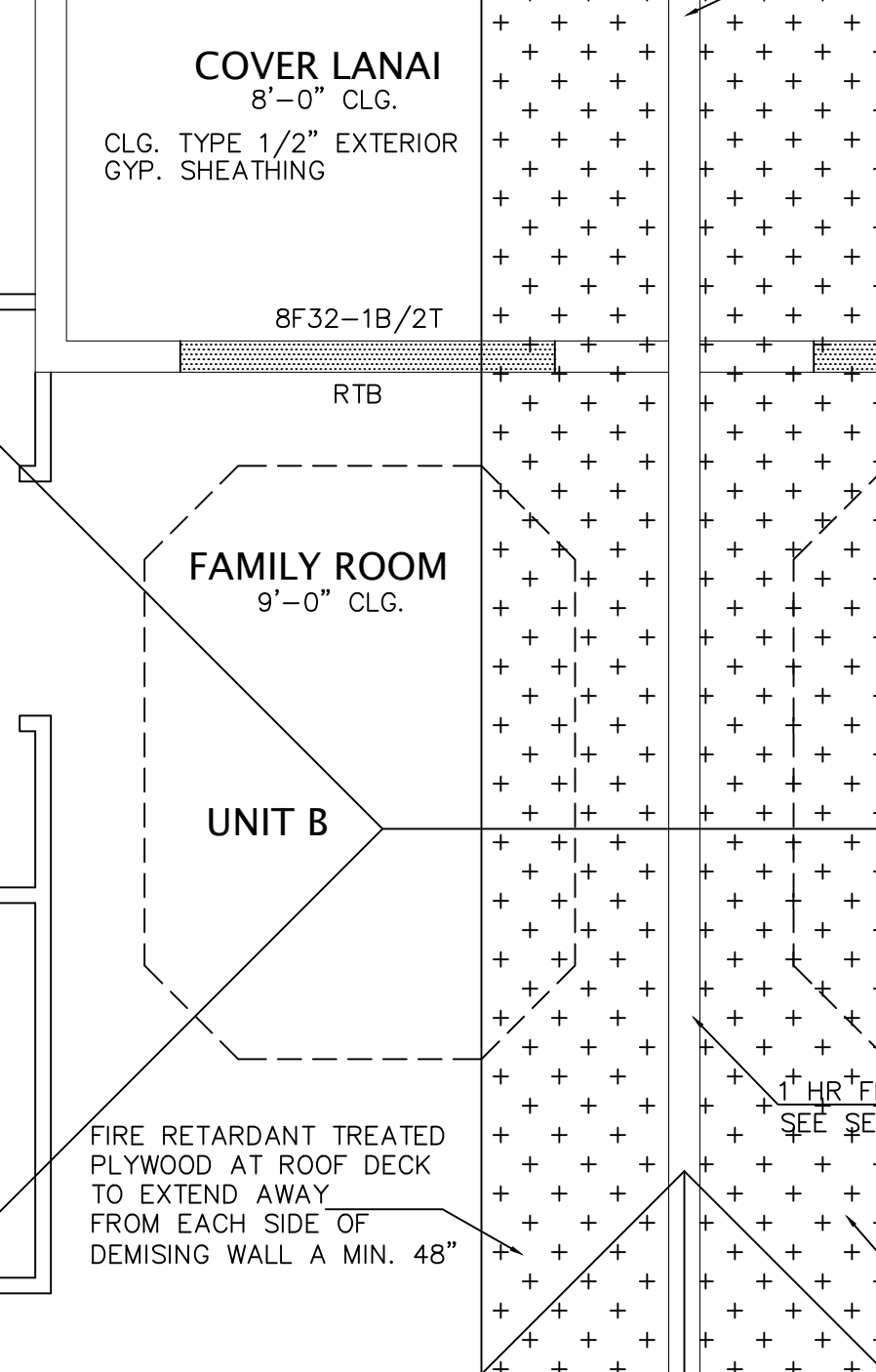
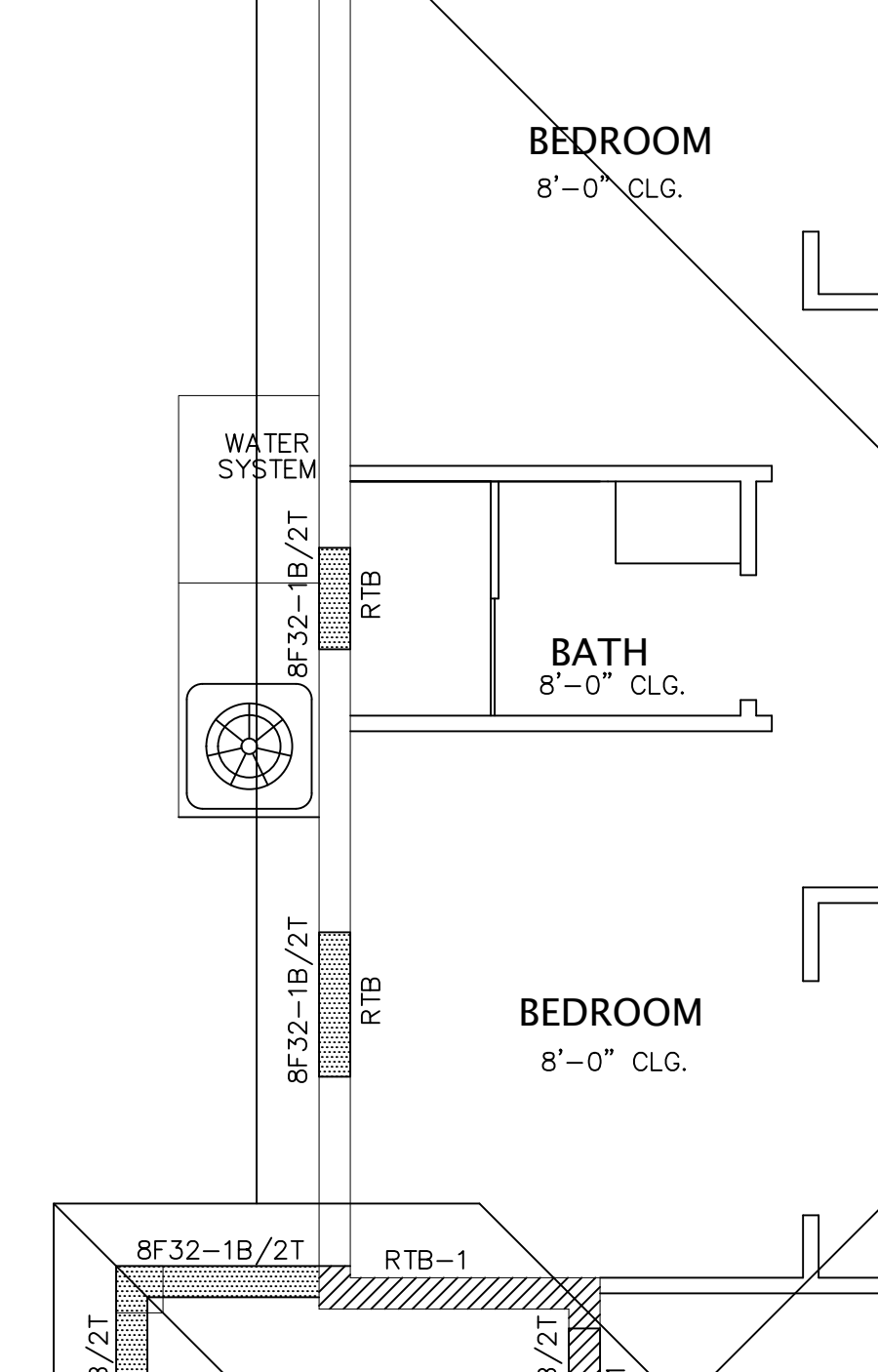
TYPE	WIDTH	DEPTH	REINFORCEMENT
8F8-0B/1T	8"	8"	2-#3 rebar
8F12-0B/1T	12"	8"	2-#3 rebar
8F16-0B/1T	16"	8"	2-#3 rebar
8F20-0B/1T	20"	8"	2-#3 rebar
8F24-0B/1T	24"	8"	2-#3 rebar
8F28-0B/1T	28"	8"	2-#3 rebar
8F32-0B/1T	32"	8"	2-#3 rebar
8F8-0B/2T	8"	8"	2-#3 rebar
8F12-0B/2T	12"	8"	2-#3 rebar
8F16-0B/2T	16"	8"	2-#3 rebar
8F20-0B/2T	20"	8"	2-#3 rebar
8F24-0B/2T	24"	8"	2-#3 rebar
8F28-0B/2T	28"	8"	2-#3 rebar
8F32-0B/2T	32"	8"	2-#3 rebar
8F8-1B/1T	8"	8"	2-#3 rebar
8F12-1B/1T	12"	8"	2-#3 rebar
8F16-1B/1T	16"	8"	2-#3 rebar
8F20-1B/1T	20"	8"	2-#3 rebar
8F24-1B/1T	24"	8"	2-#3 rebar
8F28-1B/1T	28"	8"	2-#3 rebar
8F32-1B/1T	32"	8"	2-#3 rebar
8F8-1B/2T	8"	8"	2-#3 rebar
8F12-1B/2T	12"	8"	2-#3 rebar
8F16-1B/2T	16"	8"	2-#3 rebar
8F20-1B/2T	20"	8"	2-#3 rebar
8F24-1B/2T	24"	8"	2-#3 rebar
8F28-1B/2T	28"	8"	2-#3 rebar
8F32-1B/2T	32"	8"	2-#3 rebar

**8" PRECAST U-LINTELS**

OVERALL LENGTH	TOP STEEL	BOTTOM STEEL
3'-0"	2-7/32" wire	2-#3 rebar
3'-4"	2-7/32" wire	2-#3 rebar
3'-8"	2-7/32" wire	2-#3 rebar
4'-0"	2-7/32" wire	2-#3 rebar
4'-4"	2-7/32" wire	2-#3 rebar
4'-8"	2-7/32" wire	2-#3 rebar
5'-0"	2-7/32" wire	2-#3 rebar
5'-4"	2-7/32" wire	2-#3 rebar
5'-8"	2-7/32" wire	2-#3 rebar
6'-0"	2-7/32" wire	2-#3 rebar
6'-4"	2-7/32" wire	2-#3 rebar
6'-8"	2-7/32" wire	2-#3 rebar
7'-0"	2-7/32" wire	2-#3 rebar
7'-4"	2-7/32" wire	2-#3 rebar
7'-8"	2-7/32" wire	2-#3 rebar
8'-0"	2-7/32" wire	2-#3 rebar
8'-4"	2-#3 rebar	2-#4 rebar
8'-8"	2-#3 rebar	2-#4 rebar
9'-0"	2-#3 rebar	2-#4 rebar
10'-0"	2-#3 rebar	2-#4 rebar
10'-4"	2-#3 rebar	2-#4 rebar
10'-8"	2-#3 rebar	2-#4 rebar
11'-0"	2-#3 rebar	2-#4 rebar
11'-4"	2-#3 rebar	2-#4 rebar
11'-8"	2-#3 rebar	2-#4 rebar
12'-0"	2-#3 rebar	2-#4 rebar
13'-0"	2-#3 rebar	2-#4 rebar
14'-0"	2-#3 rebar	2-#4 rebar

**8" PRESTRESSED U-LINTELS**

OVERALL LENGTH	TOP STEEL	BOTTOM STEEL
14'-8"	NONE	2-7/16 strand
15'-4"	NONE	2-7/16 strand
17'-4"	NONE	2-7/16 strand
19'-4"	2-7/32" wire	2-7/16 strand
21'-4"	2-7/32" wire	2-7/16 strand
22'-0"	2-7/32" wire	2-7/16 strand
24'-0"	2-7/32" wire	2-7/16 strand



**BEAM SCHEDULE**

MARK	ELEV	DIM. (in.)	REINFORCING				STIRRUPS	REMARKS
			B	T	C	E.F. No.		
RTB	+8'-0"	8" x 16"	BOND BEAM W/ (1) # 5 REBAR					
RTB-1	+10'-0"	8" x 16"	BOND BEAM W/ (1) # 5 REBAR					

**MINIMUM ROOF VENT AREA PER FBC R806.2**  
AREA: 3494 SQ FT  
VENTING REQUIRED: 3494 x 144 SQ IN/SQ FT x 1/300 SQ IN VENT/SQ IN ROOF = 1677 SQ IN

- ROOF PLAN NOTES:**
- ROOF TRUSSES SHALL BE DESIGNED BY TRUSS MANUFACTURER. SHOP DRAWINGS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO PRODUCTION.
  - TRUSS MANUFACTURER SHALL PROVIDE UPLIFT & REACTION VALUES FOR INDIVIDUAL TRUSSES, REFER TO THE TRUSS DRAWING FOR LAYOUT.
  - ROOF SHEATHING SHALL CONSIST OF 8" MIN. PLYWOOD, 4-PLY CDX LAID PERPENDICULAR TO TRUSSES NAILED @ 6" O.C. ALONG BOUNDARY EDGES, 6" O.C. ALONG EDGES AND 10" O.C. INTERMEDIATE W/ 8d COMMONS.
  - BRACE TRUSSES PER T.P.I. H.I.B.-91, AS REVERSED.
  - PROVIDE SIMPSON HETA20 W/16 10d x 1 3/8" FOR UPLIFT UP TO 1890 LBS. PROVIDE (2) SIMPSON HETA20 @ OPPOSITE SIDE OF GIRDER TRUSS. UNLESS OTHERWISE NOTED.
  - ALL CHANGES OF THE TRUSS LAYOUT SHALL BE APPROVED BY THE ENGINEER.

**NOTE: 1/50 IS REQUIRED UNLESS AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET (914 mm) BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. WHERE THE LOCATION OF WALL OR ROOF FRAMING MEMBERS CONFLICTS WITH THE INSTALLATION OF UPPER VENTILATORS, INSTALLATION MORE THAN 3 FEET (914 mm) BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE SHALL BE PERMITTED.**

**DISCRETE ROOF AREAS TO HAVE PERCENTAGE OF TOTAL VENTING PROPORTIONAL TO THE PERCENTAGE OF AREA. SMALL ROOF AREAS SUCH AS ENTRY TOWERS MAY BE VENTED W/ SOFFIT VENTS ONLY PROVIDED VENTILATION IS BASED ON THE 2x INCREASE IN NET FREE AREA.**

**NOTE: ROOF VENTS SHOWN ARE BASED ON OFF RIDGE VENTS HAVING A MINIMUM NET FREE AREA OF 130 SQ INCHES & PERFORATED SOFFIT MATERIAL HAVING A MIN NET FREE ARE OF 11.4 SQ INCHES. CONTRACTOR REQUIRED TO VERIFY ALL ROOF VENTING PER THE CALCULATION IN FBC R806.2**

LOCATE ALL ROOF VENT PENETRATIONS MIN. 18" FROM RIDGES OR VALLEYS

**ACUDOR** FW-5050 FIRE RATED DOOR

QTY.	NOMINAL SIZE	A	B	C	D	E	F	LOCK
22	30 (559 x 762)	29.78 (756)	21.78 (553)	24 (610)	32 (813)	22.12 (562)	20.12 (765)	2
22	36 (559 x 914)	25.78 (659)	21.78 (553)	24 (610)	38 (965)	22.12 (562)	20.12 (917)	2
24	36 (610 x 914)	25.78 (659)	23.78 (604)	26 (660)	38 (965)	24.12 (613)	20.12 (917)	2
24	48 (610 x 1219)	47.78 (1214)	23.78 (604)	26 (660)	50 (1270)	24.12 (613)	48.12 (1222)	2
30	30 (762 x 762)	29.78 (756)	29.78 (756)	32 (813)	32 (813)	20.12 (765)	20.12 (765)	2
36	36 (914 x 914)	25.78 (659)	25.78 (659)	38 (965)	38 (965)	20.12 (917)	20.12 (917)	2
36	48 (914 x 1220)	47.78 (1214)	25.78 (659)	38 (965)	50 (1270)	20.12 (917)	48.12 (1222)	2

**FW-5050 Fire Rated Insulated Access Door, for Walls & Ceilings**

**Application:**

- For walls and ceilings
- This door should be used in walls when temperature rise or heat transmission is a factor.

**Product Features:**

- Insulated door panel
- Concealed door hinge
- Self-closing
- Self-latching
- Inside latch release

**FW-5050 Access Door Specifications:**

Material: Steel or Stainless Steel  
Door: 20 gauge, filled with 2" thick fire rated insulation  
Mounting Frame: 16 gauge, flange to be 1" wide  
Hinge: Concealed  
Fire Rating (Walls): UL -1-1/2 hour "B" label. ULC -2 hour "B" label. Max size: 36 x 36. (Ceilings): Warnock Hersey International 3 hour rated in a non-combustible ceiling, 1 hour rated in a combustible ceiling. Max size: 24 x 36  
Standard Latch: Universal self-latching bolt, operated by either a knurled knob or flush key. When master keying is required, doors can be prepared for mortise cylinder locks.  
Finish: Steel: 5 stage iron phosphate preparation with prime coat of white baked-on enamel. Stainless Steel: Type 304 - #4 satin polish

REVISIONS

Main@SanchezEnterprise.net

**Sanchez**

CONTRACTOR  
CGC 1514485

GENERAL CONTRACTOR  
CGC 1514485

ENTERPRISE GROUP, LLC  
239 692 6495  
239 348 0096

PROPOSED FOR: YABEYRE SERVICES INC.  
4428 15TH STREET S.W.  
LEHIGH ACRES, FL 33973

ROOF PLAN

SHEET TITLE:

DATE  
06-12-2019

JOB NUMBER

DRAWN BY:  
L.M.

SHEET No.  
**A-4**

SEAL

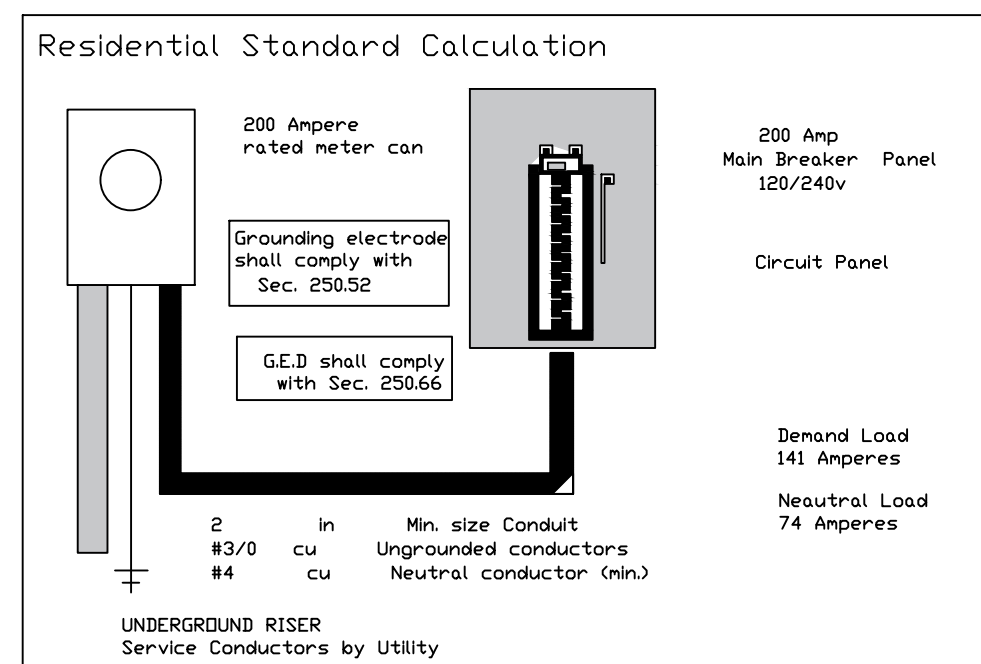
THIS DESIGN HAS BEEN PREPARED UNDER SUPERVISION, DIRECTION AND CONTROL BY:

RDA CONSULTING ENGINEERS, LLC.  
CERTIFICATE OF AUTHORITY: 31149  
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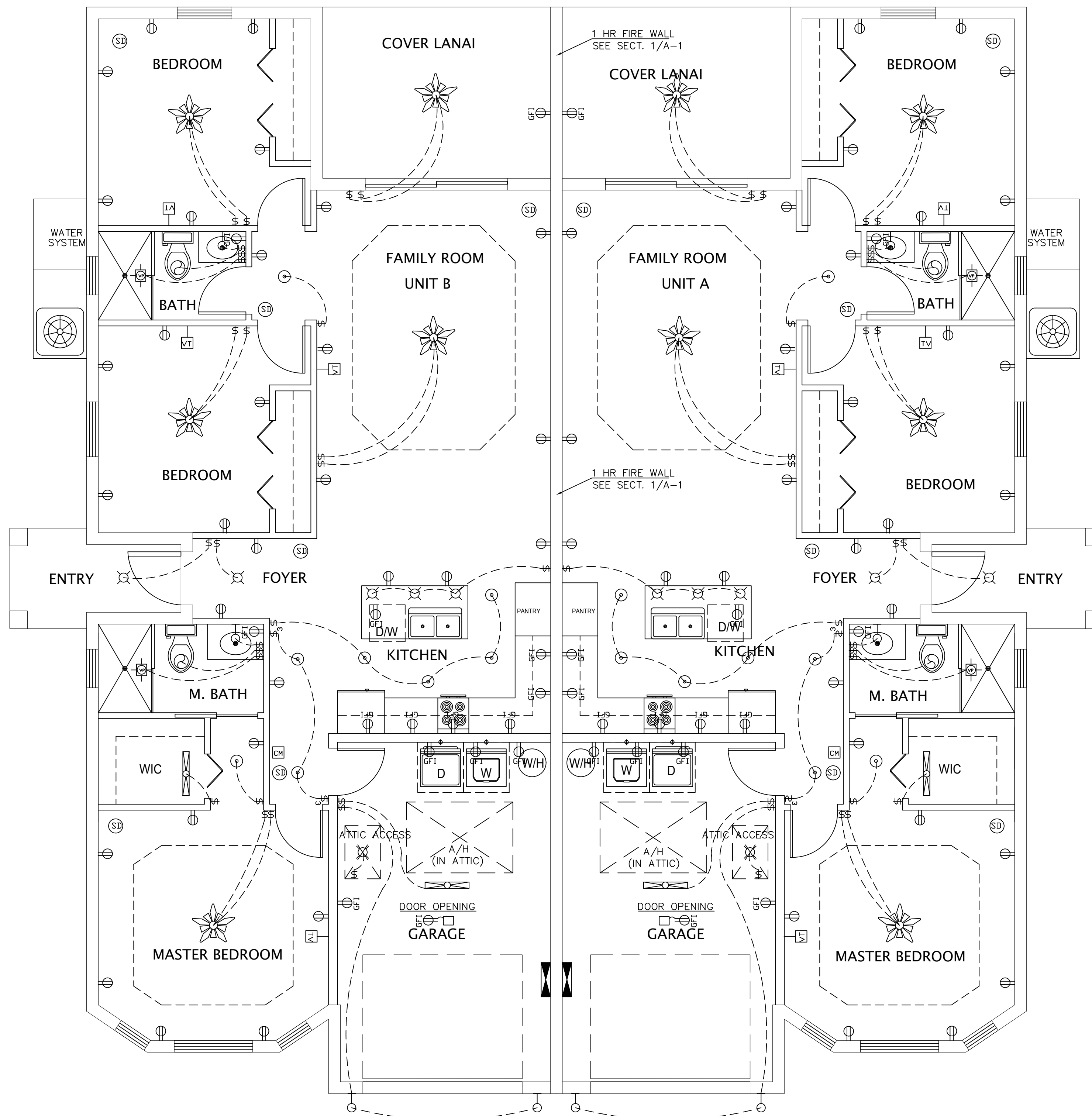


ELECTRICAL LEGEND:	
⊕	SINGLE SWITCH
⊕	3 WAY SWITCH
⊕	DUPLEX RECEPTABLE
⊕	GFI RECEPTABLE
⊕	RECESSED LIGHT
⊕	EXHAUST FAN
⊕	SMOKE DETECTOR
⊕	TELEPHONE JAX
⊕	TV / CABLE
⊕	CEILING LIGHT FIXTURE
⊕	WALL MOUNT LIGHT FIXTURE
⊕	WALL BRACKET LIGHT
⊕	VAPOR PROOF RECESSED LIGHT FIXTURE
⊕	EXTERIOR FLOOD LIGHT
⊕	CEILING FAN W/ LIGHT
⊕	CEILING FAN
⊕	PANEL BOX
⊕	FLUORESCENT
⊕	CARBON MONOXIDE ALARM WITHIN 10' OF EACH BEDROOM



**NOTE:**  
 ALL BRANCH CIRCUITS THAT SUPPLY 125 V, SINGLE PHASE, 15 & 20 AMPERE RECEPTACLE OUTLET SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S) IN DWELLING UNIT ALL LIVING AREA.

2014 N.E.C./6TH EDITION F.B.C. 2017



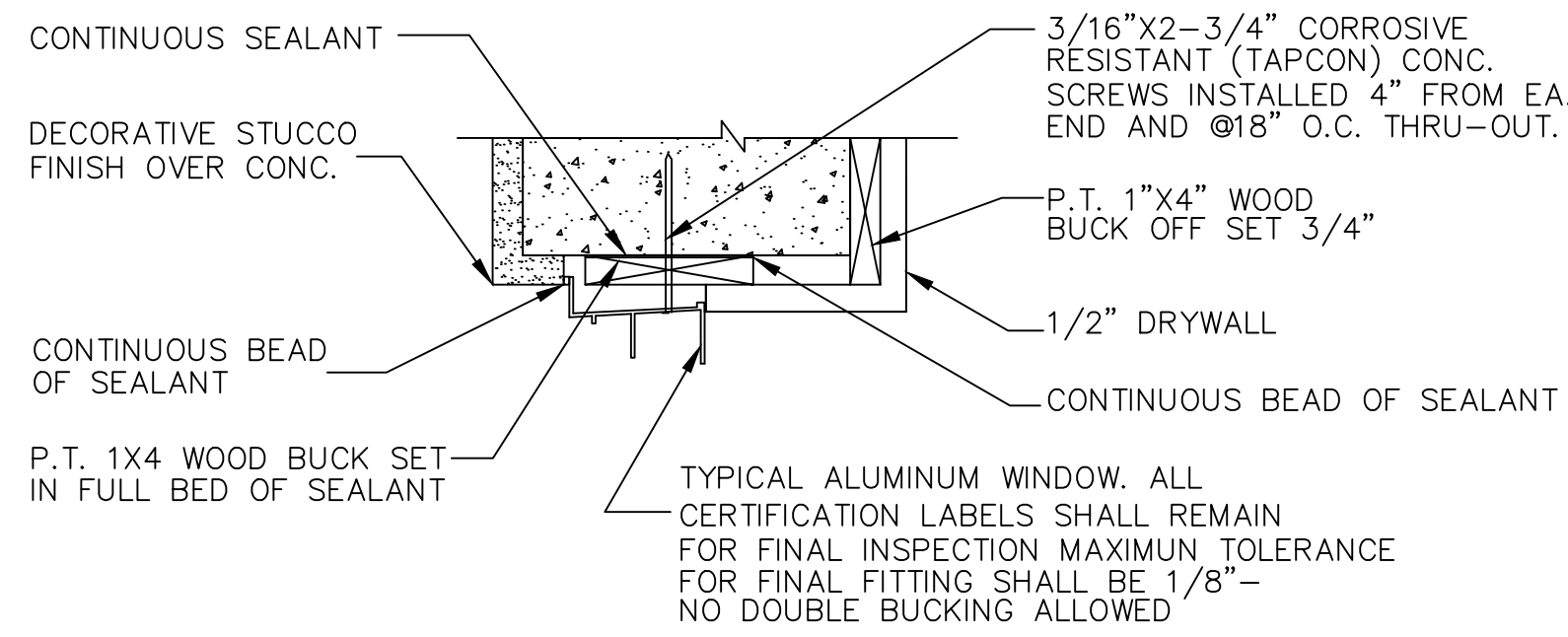
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<i>Sanchez</i>	
ENTERPRISE GROUP, LLC	
GENERAL CONTRACTOR CGC 1514485	
239 692 6495 239 348 0096	
PROPOSED FOR: YABEYRE SERVICES INC. 4428 15TH STREET S.W. LEHIGH ACRES, FL 33973	ELECTRICAL PLAN
DATE 06-12-2019	JOB NUMBER
DRAWN BY: L.M.	SHEET No.
	<b>A-5</b>
	SEAL





## WINDOW HEAD AND JAMB DETAIL

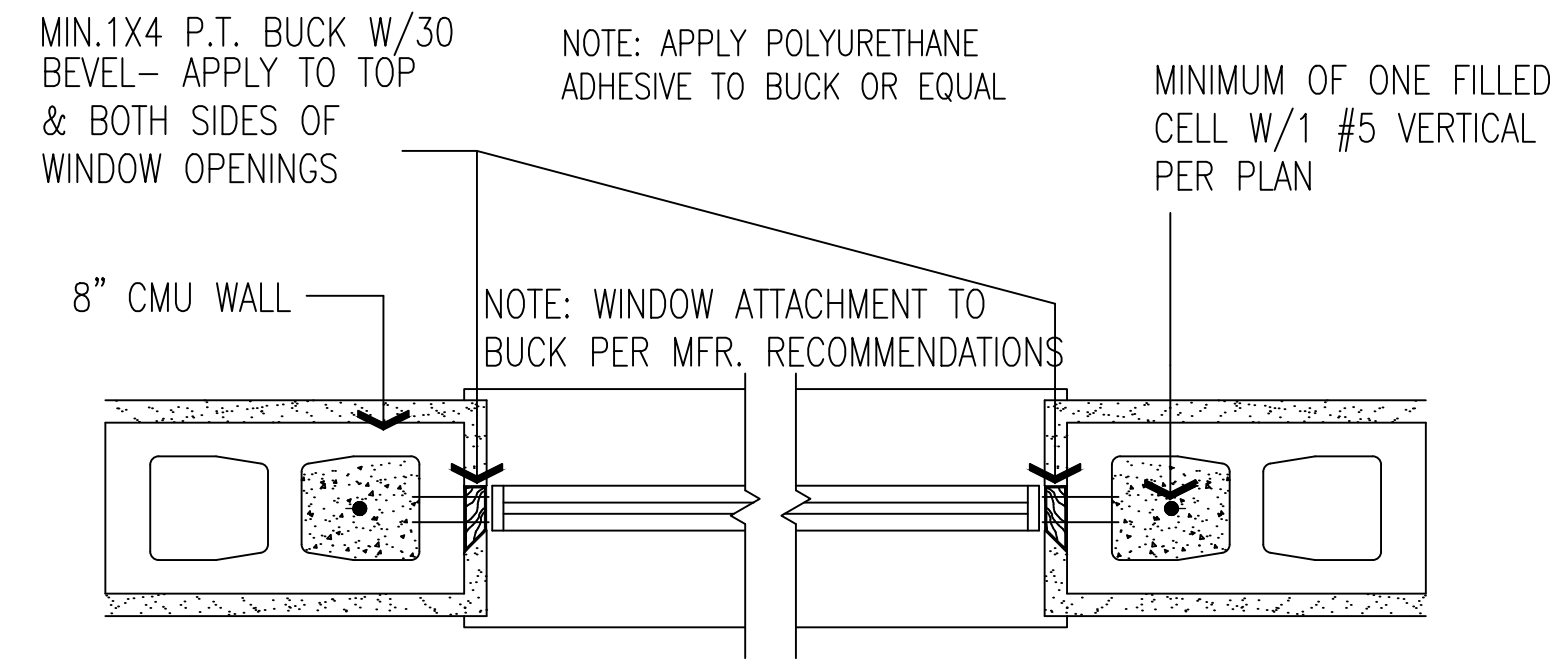
SCALE: N.T.S.

### NOTES :

- FOR WINDOW AND DOOR ATTACHMENT TO MASONRY USE BUCK IN BED OF LIQUID NAIL TO MASONRY SIDE AND TOP OF OPENING WITH ( 1 ) 3/4" x .097" POWER DRIVEN T-NAIL OR 3/16" x 2-1/4" TAPCONS . START AT 4" THEN 8" ON CENTER . ATTACH WINDOW IN ACCORDANCE WITH WINDOW MANUFACTURER'S SPECIFICATIONS .
- FOR WINDOW ATTACHMENT TO FRAME USE MINIMUM ( 4 ) 8D NAILS PER EDGE , THEN 12" ON CENTER MAXIMUM .
- FOR DOOR ATTACHMENT TO FRAME USE No.8 x 3" STEEL SCREWS . ( 2 ) AT HEADER , ( 3 ) AT LOCK SIDE AND ( 2 ) MINIMUM EACH HINGE .
- CONTRACTOR AND OR SUB-CONTRACTOR TO REVIEW THE TRUSS PLACEMENT PLAN TO COORDINATE .

## GENERAL STRUCTURAL NOTES

- FOUNDATIONS:  
SOIL STATEMENT- VISUAL INSPECTION OF THE SITE SHOWS A SOIL OF LIMESTONE WITH SANDY POCKETS AND WITH A LAYER OF TOPSOIL. THIS LIMESTONE HAS A SAFE BEARING CAPACITY IN EXCESS OF 2,000 psf. AT THE TIME OF CONSTRUCTION A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER SHALL SUBMIT TO THE BUILDING OFFICIAL A LETTER ATTESTING THAT THE SITE HAS BEEN OBSERVED AND THE FOUNDATIONS CONDITIONS ARE SIMILAR TO THOSE UPON WHICH THE DESIGN IS BASED.
- CONCRETE:  
ALL CONCRETE TO ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS.  
AGGREGATES TO BE CLEAN AND WELL GRADED, MAXIMUM SIZE 1". CONCRETE SLUMP: 3" MIN. TO 5" MAX. VERTICAL CONCRETE DROP NOT TO EXCEED 8".
- CONCRETE COVER:  
TO BE AS FOLLOWS:  
FOOTINGS 3"  
BEAMS 1.5" TO STIRRUP  
COLUMNS 1.5" TO TIES  
SLABS NOT EXPOSED TO THE WEATHER 0.75"  
SLABS EXPOSED TO THE WEATHER 1.5"
- REINFORCING STEEL:  
TO BE NEW HIGH STRENGTH BILLET STEEL DEFORMED AS PER ASTM A-305, AND CONFORMING TO ASTM A-615, GRADE 60. LAP CONTINUOUS BARS 30-BAR DIAMETERS, UNLESS OTHERWISE NOTED IN PLANS. HOOK DISCONTINUOUS ENDS OF ALL TOP BARS. REINFORCING STEEL TO BE DETAILED AND FABRICATED IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCING CONCRETE STRUCTURES", AND THE ACI BUILDING CODE 318, LATEST EDITION. SUBMIT SHOP DRAWINGS FOR APPROVAL BY ENGINEER BEFORE FABRICATION.
- MASONRY:  
REINFORCED MASONRY DESIGN & CONSTRUCTION SHALL COMPLY W/ ACI 530-02/ASCE 5-02/TMS 402-02 & ACI 5301-02/ASCE 6-02/TMS 602-02.  
ALL CONCRETE BLOCK TO BE GRADE N-2, CONFORMING TO ASTM C- 90, WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI, AND A PRISM STRENGTH OF 1,500 PSI (MINIMUM). MORTAR SHALL BE TYPE M, WITH A MINIMUM STRENGTH OF 2,500 PSI (USE PORTLAND TYPE CEMENT).  
B. MASONRY WALLS SHALL BE REINFORCED HORIZONTALLY EVERY OTHER COURSE WITH 9 GAUGE DEFORMED GALVANIZED STEEL LADDER.  
C. FOR VERTICAL REINFORCEMENT, SEE PLAN AND LAP 48 BAR DIAMETERS MINIMUM. PROVIDE FULL BED OF MORTAR FOR REINFORCED MASONRY.  
D. GROUTING OF CELLS SHALL BE A CONTINUOUS OPERATION IN LIFTS NOT EXCEEDING 4'-0" AND A MAXIMUM POUR OF 12'-0" IN HEIGHT. GROUTING TO BE CONSOLIDATED BETWEEN LIFTS BY PUDDLING, RODDING OR MECHANICAL VIBRATION. PROVIDE CLEANOUTS, AND CLEAN OUT CELLS OF MORTAR DROPPINGS.  
E. GROUT SHALL BE A PLASTIC MIX HAVING A MAXIMUM SLUMP OF 8" TO 10", PLACED BEFORE ANY INITIAL SET HAS OCCURRED, BUT IN NO CASE MORE THAN 1-1/2 HOURS AFTER THE MIX-DESIGN WATER HAS BEEN ADDED. GROUT TO ATTAIN A MINIMUM 3,000 PSI COMPRESSIVE STRENGTH.
- PRE-FABRICATED WOOD TRUSSES:  
SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (T.P.I.), LATEST EDITION. TRUSSES TO BE ERCTED FOLLOWING THE GUIDELINES OF THE T.P.I. PUBLICATION BWT-76. SUBMIT SHOP DRAWINGS W/ LAYOUT PLAN AND INDIVIDUAL DRAWINGS FOR EACH DIFFERENT TRUSS, SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER, FOR APPROVAL BY STRUCTURAL ENGINEER PRIOR TO FABRICATION.  
GENERAL CONTRACTOR TO PROVIDE PERMANENT LATERAL BRACING OF THE BOTTOM CHORD AND THE WEB MEMBERS IN ACCORDANCE WITH RECOMMENDATIONS OF T.P.I. BWT-76 AND THE REQUIREMENTS OF THE INDIVIDUAL TRUSS DESIGNS. SUBMIT PERMANENT BRACING PLAN FOR APPROVAL BY ENGINEER PRIOR TO ERECTION. GORDER TRUSSES TO BE BOLTED TOGETHER WITH 1/2" DIA. BOLTS AT 24" C/C AT TOP CHORD, BOTTOM CHORD, AND WEB MEMBERS. CONTRACTOR TO SUBMIT SIGNED AND SEALED SHOP DRAWINGS BY A DELEGATED SPECIALTY ENGINEER FOR ALL TRUSSES TO TRUSS CONNECTIONS. TRUSS MANUFACTURER TO VERIFY UPLIFT AND GRAVITY TRUSS REACTIONS SHOWN ON FRAMING PLANS.  
SUPERIMPOSED LOADS SHALL BE AS FOLLOWS:  
ROOF: DEAD LOAD= 20 PSF (TOP CHORD)  
10 PSF (BOTT. CHORD)  
LIVE LOAD= 20 PSF (TOP CHORD)
- WIND DESIGN CRITERIA:  
ALL STRUCTURAL ELEMENTS, EXPOSED TO WIND, HAVE BEEN DESIGNED PER THE GUIDELINES OF THE HW42-FBC 6TH EDITION 2017, ASCE 7-10: RISK CATEGORY II, ENCLOSE BUILDING, 160 MPH WIND SPEED, EXPOSURE B. SEE CALCULATIONS FOR ADDITIONAL INFORMATION.
- GENERAL  
THE BUILDING WAS DESIGNED ACCORDING TO THE FLORIDA BUILDING CODE 6TH EDITION 2017. STRUCTURAL DRAWINGS SHALL BE WORKED TOGETHER WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TO LOCATE DEPRESSED SLABS, SLOPES, OPENINGS AND DIMENSIONS, ETC. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE BEFORE STARTING WORK. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND RE-SHORING REQUIRED.

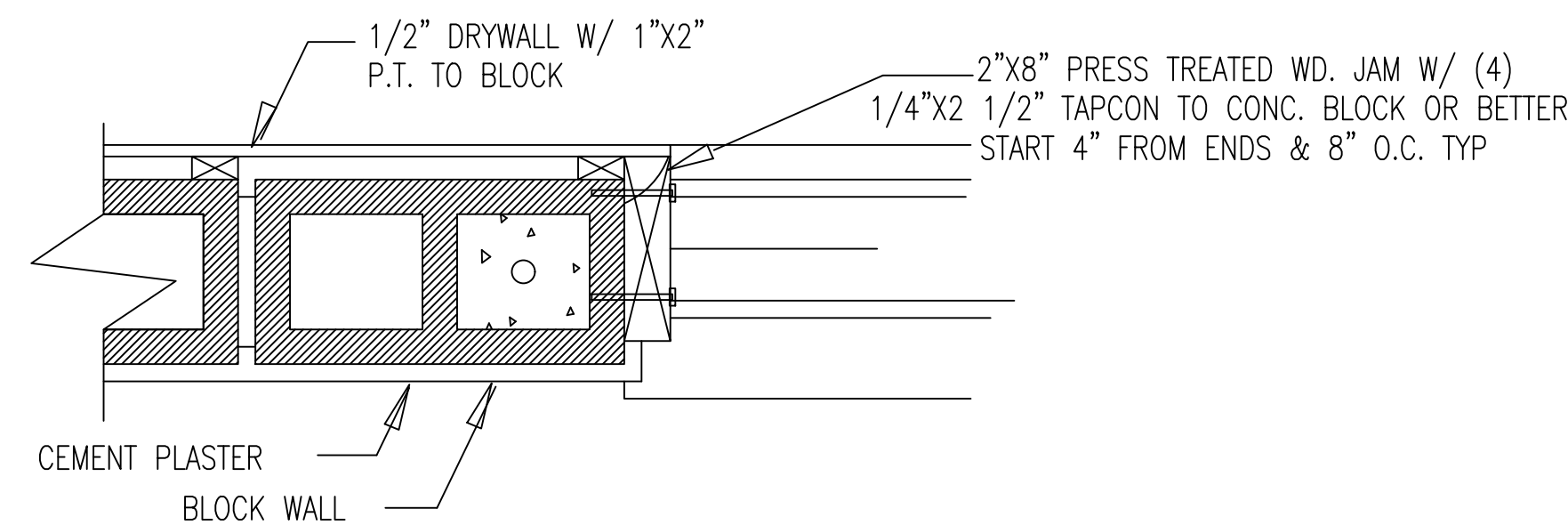


BUCK FASTENERS TO MASONRY TO BE ONE OF THE FOLLOWING:

- 1/4" x 3" TAPCONS @ 16" O.C. (MIN. 3 PER BUCK)
- 2.10D FULL HEAD COIL NAIL @ 12" O.C.
3. 8D FULL HEAD COIL NAIL @ 8" O.C.
4. 6D FULL HEAD COIL NAIL @ 6" O.C.

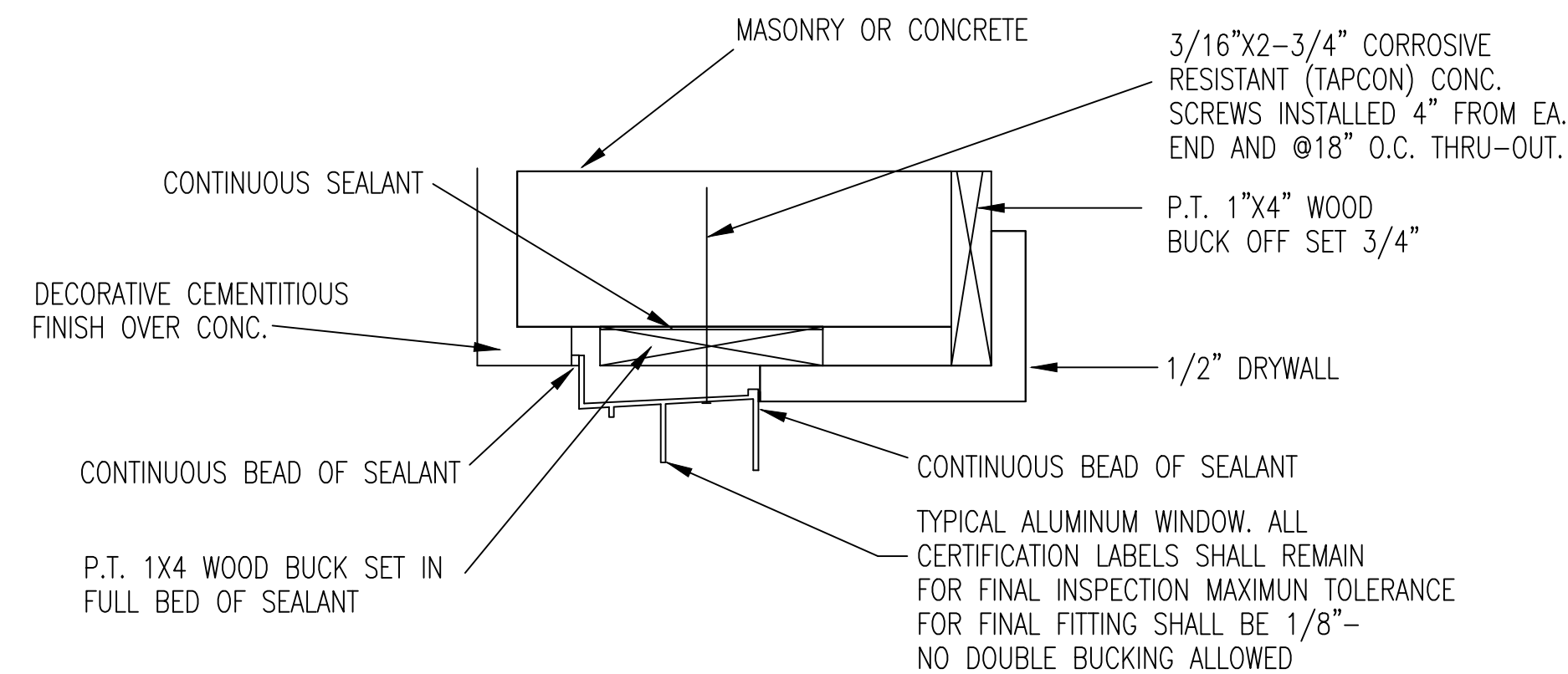
## WINDOW INSTALLATION DETAIL

SCALE: N.T.S.



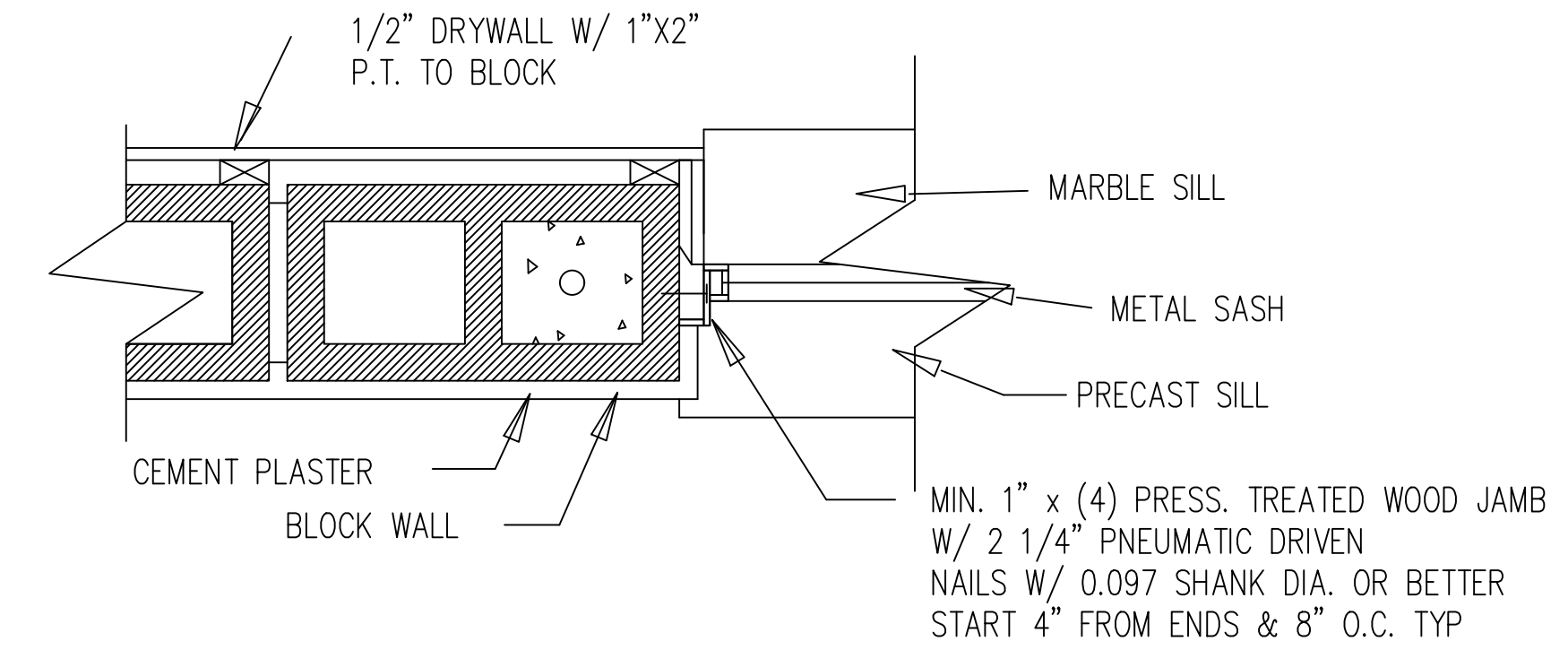
## SL. GL. DR. JAM TO BLK DETAIL

SCALE: N.T.S.



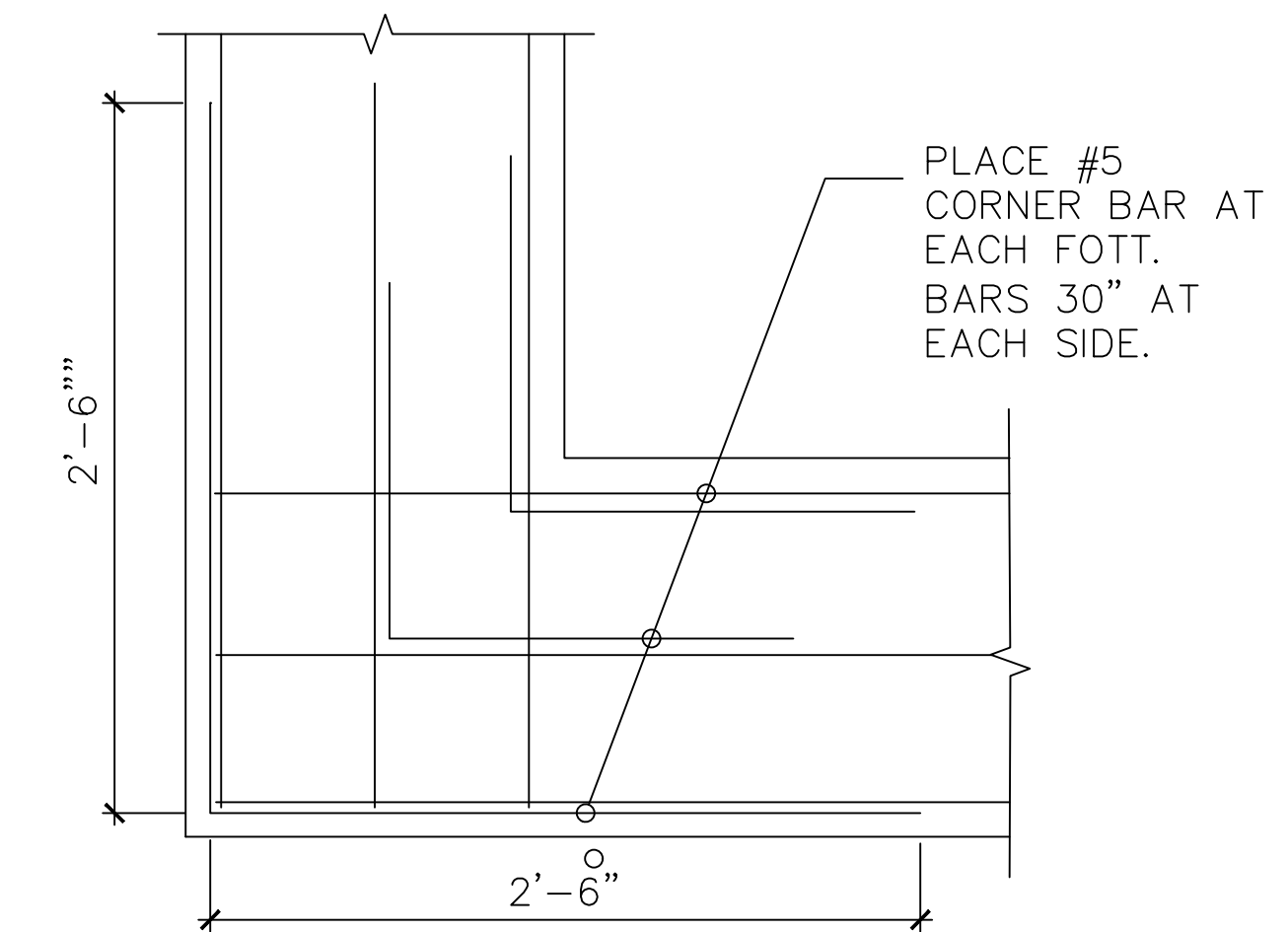
## WINDOW HEAD + JAM DETAIL

SCALE: N.T.S.



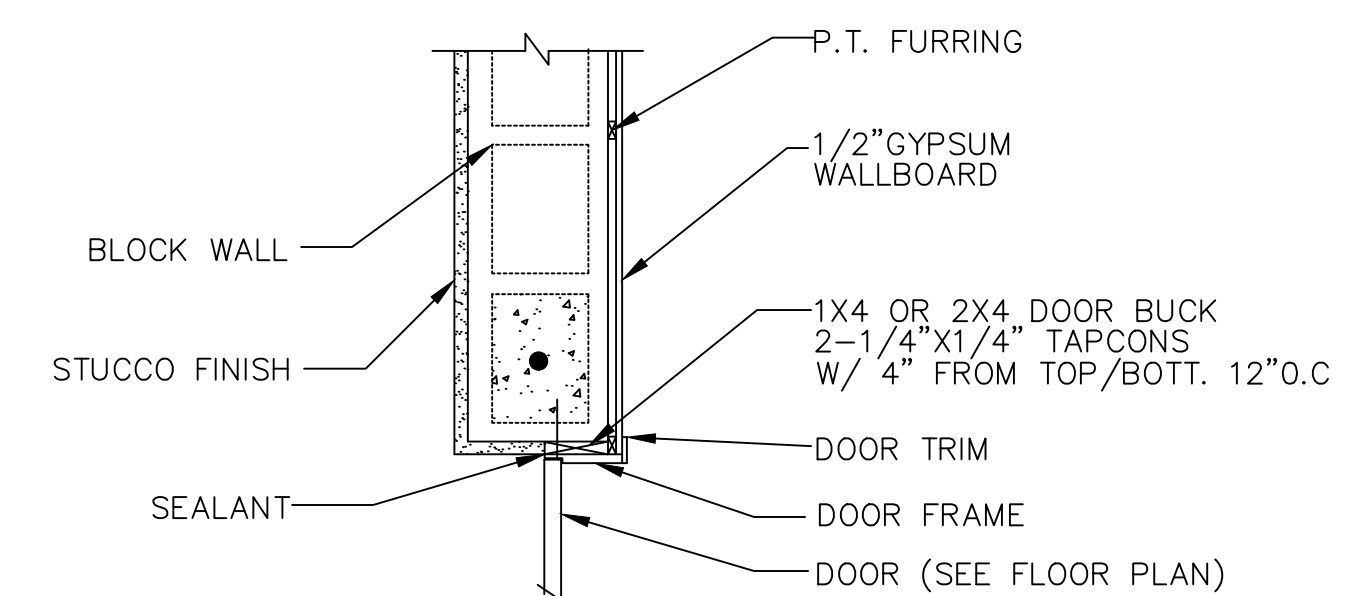
## DOOR AND WINDOW JAM DETAIL

SCALE: N.T.S.



## TYP. FOOTING CORNER BAR DETAIL

SCALE: N.T.S.



## TYPICAL EXTERIOR DOOR DETAIL

SCALE: N.T.S.

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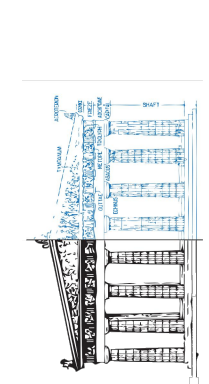
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REVISIONS

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**Sanchez**  
ENTERPRISE GROUP, LLC



CONTRACTOR  
CCC 1514185  
239 692 6495  
239 348 0096

PROPOSED FOR: YABEYRE SERVICES INC.  
4428 15TH STREET S.W.  
LEHIGH ACRES, FL 33973

SHEET TITLE: DETAILS

DATE

06-12-2019

JOB NUMBER

DRAWN BY:

L.M.

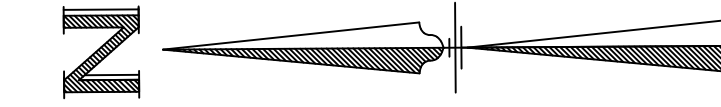
SHEET No.

**A-6**

SEAL

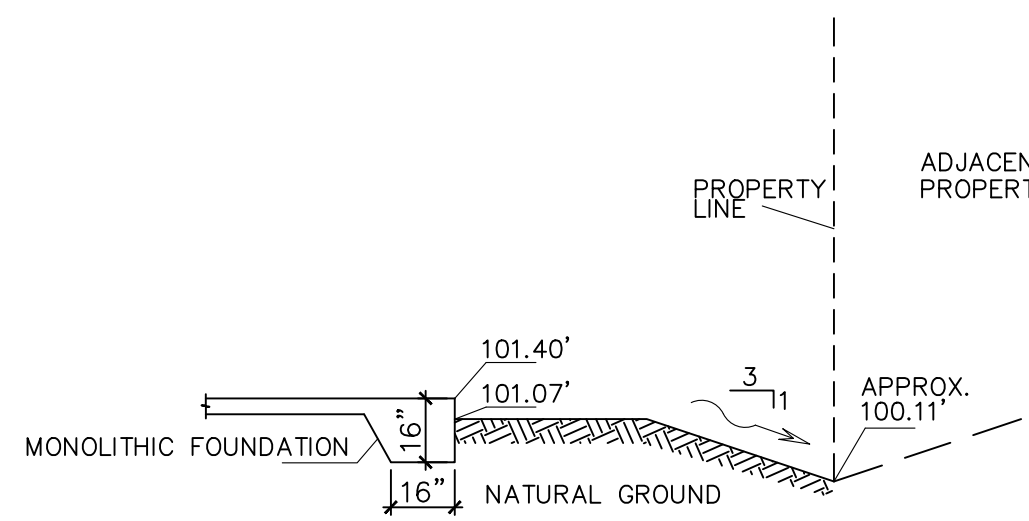
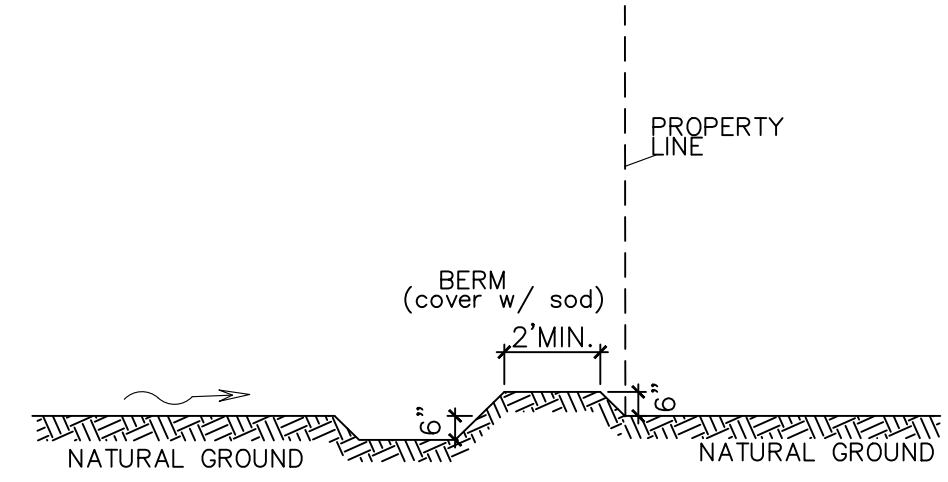
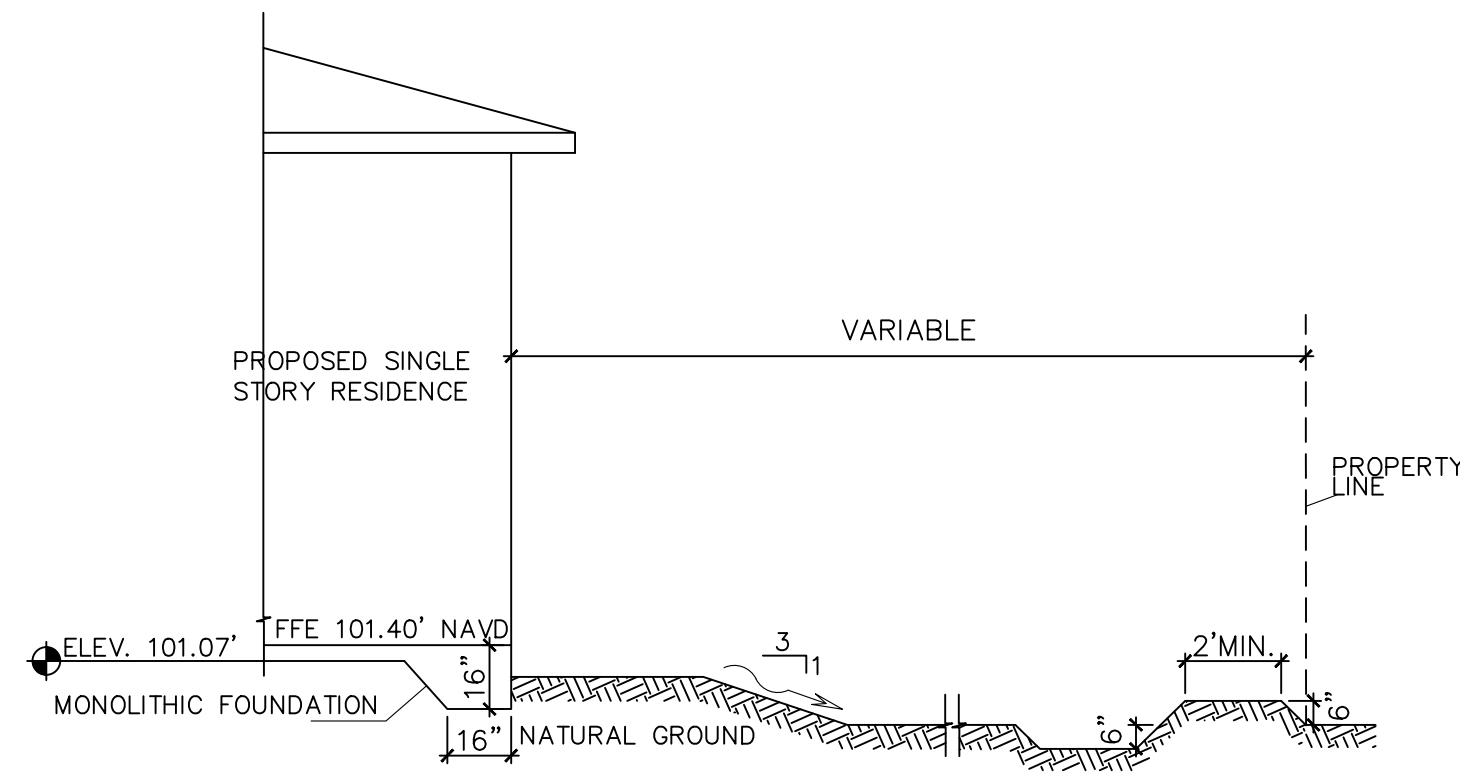


PROPERTY ADDRESS:  
 4428 15TH STREET S.W., LEHIGH ACRES, FLORIDA 33973.

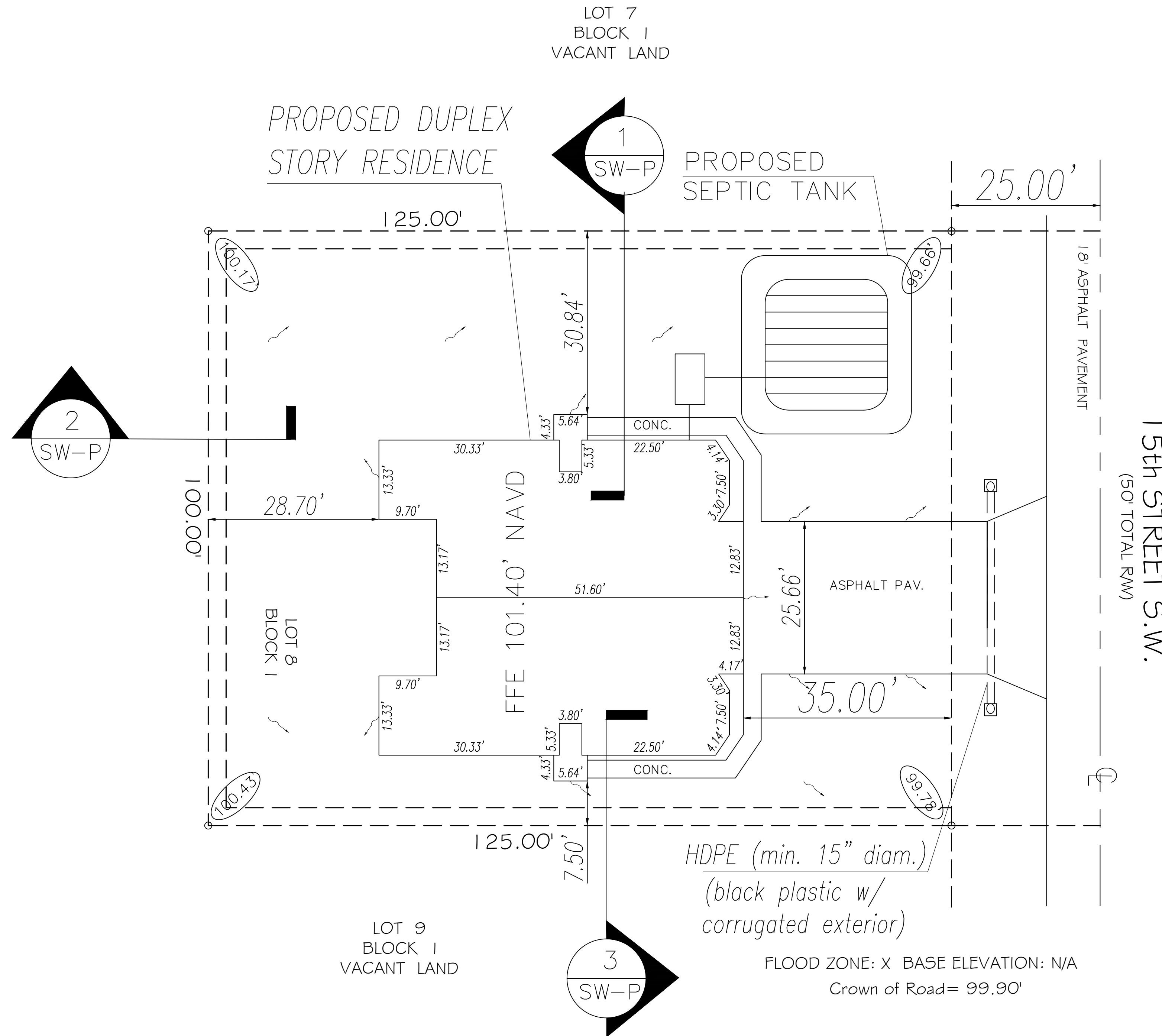


LEGAL DESCRIPTION:

LOT 8, IN BLOCK 1, UNIT 5, LEHIGH ESTATES, A SUBDIVISION OF LEHIGH ACRES,  
 ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 15, AT PAGE(S) 1 THROUGH 101, INCLUSIVE,  
 OF THE PUBLIC RECORDS OF LEE COUNTY, FLORIDA.



WATER MANAGEMENT	
LOT 12,500 SQ FT	
IMPERVIOUS AREAS	
DRIVE WAY: 898.00 SQ FT	
RESIDENCE: 3226.00 SQ FT	
<b>4124.00 SQ FT</b>	
TOTAL IMPERVIOUS AREA: 4124.00 SQ FT	<b>33.0 %</b>
TOTAL PERVIOUS AREA: 8376.00 SQ FT	<b>67.0 %</b>



# TYPE 1 STORMWATER PLAN

SCALE 1" = 1'-0"

## LEGEN

DIRECTIONAL STORMWATER FLOW

THIS DESIGN HAS BEEN PREPARED UNDER SUPERVISION,  
 DIRECTION AND CONTROL BY:

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REVISIONS	
GENERAL CONTRACTOR CGC 1514485 239 692 6495 239 348 0096	
PROPOSED FOR: YABEYRE SERVICES INC. 4428 15TH STREET S.W. LEHIGH ACRES, FL 33973	SHEET TITLE: TYPE 1 STORMWATER PLAN
DATE	06-12-2019
JOB NUMBER	
DRAWN BY:	L.M.
SHEET No.	<b>S-W</b>
SEAL	