GENERAL NOTES

- THE CONTRACTOR AND ALL SUB CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCY.THE CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY DRAWINGS AND DIMENSIONS SHOWN ON THE STRUCTURAL WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITHIN 10 DAY
- FLOOR AND WALL OPENINGS, SLEEVES, VARIATION IN STRUCTURAL SLAB ELEVATIONS, DEPRESSED AREA SAND AL OTHER ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL REQUIREMENTS MUST BE COORDINATED BEFOR
- IN ALL CASES WHERE A CONFLICT MAY OCCUR SUCH AS BETWEEN ITEMS COVERED BY SPECIFICATIONS AND NOTES ON THE DRAWINGS, OR BETWEEN GENERAL NOTES AND SPECIFIC DETAILS THE OWNER SHALL BE NOTIFY AND HE WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
- DETAILS NOTED AS TYPICAL SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE
- WHERE NO SPECIFIC DETAIL IS SHOWN THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT
- WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF 6TH EDITION (2017) FLORIDA BUILDING
- THE PRECISE DIMENSIONS AND LOCATIONS OF DOORS AND WINDOWS OPENINGS SHALL BE DETERMINED FROM ARCHITECTURAL PLANS AND DETAILS COORDINATED WITH OWNERS SELECTIONS AND MANUFACTURES SPECS OTHER WALL AND FLOOR OPENINGS SHALL BE ALSO REQUIRED BY MECHANICAL, ELECTRICAL OR SIMILAR REQUIREMENTS SHALL BE VERIFIED FROM SHOP DRAWINGS, EQUIPMENT DATA, DIMENSIONS, ETC., AS REQUIRED

STRUCTURAL NOTES.-

THE FOUNDATIONS ARE DESIGNED FOR ALLOWABLE SOIL BEARING PRESSURE OF 2000 POUNDS PER SQUARE FOOT FII MATERIAL UP TO FINISH GRADE SHALL BE PLACED WITH MAXIMUM LIFTS OF 12 INCHES, SUBGRADE AND EACH LIFT OF MATERIAL SHALL BE COMPACTED TO 95 PROCTOR DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-1557.

CONCRETE SHALL ACHIEVE A STRENGTH AT 28 DAYS OF 3000 PSI FOR FOOTINGS SLABS ON GRADE, AND GROUTED MASONRY CELLS. TIE BEAMS AND C.I.P. SLABS SHALL BE fc'=3000 PSI. CONCRETE SHALL BE A MIX DESIGNED BY A RECOGNIZED TESTING LABORATORY AND SHALL BE PLACED, CURED AND TESTED ACCORDING TO ACI AND ASTM STANDARDS AND SPECIFICATIONS.

STRUCTURAL CONCRETE SHALL NOT BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. ERECTION AND REMOVAL OF ALL FORMWORK SHORES AND RESHORES SHALL MEET THE REQUIREMENTS OF

TO BE ASTM GRADE 60 DEFORMED BARS FREE FROM OIL AND RUST STEEL SHALL BE BENT AND PLACED ACCORDING TO THE ACI STANDARDS AND SPECIFICATIONS. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. #5 BARS SHAL

WELDED WIRE FABRIC (WWF).-

TO CONFORM TO ASTM A-185 FREE FROM OIL AND RUST AND SHALL BE PLACED ACCORDING TO THE ACI STANDARDS AND SPECIFICATIONS. MINIMUM LAP SHALL BE ONE FOOT.

ALL NEW STEEL TO BE ASTM A-36 STRUCTURAL STEEL, 36 KSI MIN CONNECTIONS PER MIN. CONNECTIONS PER AIS STANDARDS DETAILS. BOLTS TO BE ASTM A307, WELDED TO BE PER AWS SPEC

"S" AND MEET C-270, GROUT SHALL BE 3000 PSI PEA GRAVEL CONCRETE AND MEET ASTM C-476, PROVIDE HOOKED DOWEL REINFORCING INTO HIGHEST CONCRETE BEAM ABOVE. MASONRY BLOCK CELLS AT WALL ENDS, CORNERS, INTERSECTION POURED AFTER THE MASONRY BLOCK WALLS BELOW ARE IN PLACE CONFINE CONCRETE IN THE TIE BEAMS TO AREA REQUIRED. DO NOT USE SOLID METAL OR FELT CAVITY CAPS, MASONRY WALLS BELOW THE SOIL LINE SHALL HAVE GALVANIZED 9 GAUGE TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT AT EACH COURSING AND WALLS ABOVE THE SOIL LINE SHALL HAVE THE HORIZONTAL JOINT REINFORCING SPACED AT 16" ON CENTER.

NO PENETRATIONS OR OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS OR WITHOUT PREVIOUS APPROVAL OF THE ENGINEER

WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH

APPLICABLE CODES

6TH EDITION (2017) FLORIDA BUILDING CODES 6TH EDITION (2017) FLORIDA BUILDING CODE: RESIDENTIAL 2014 NFPA-70 NATÍONAL ELECTRICAL CODE

PROJECT INFORMATION

ALLOWED

OCCUPANCY/ CLASSIFICATION

TYPE OF CONSTRUCTION:

BUILDING AREA:

HEIGHT OF BUILDING:

BUILDING HEIGHT IN STORIES: FLOOD ZONE:

DESIGN CRITERIA.

BASIC WIND SPEED

"EA" 6.00 FT.

WIND IMPORTANCE FACTOR (Iw) BUILDING CATEGORY: **EXPOSURE CATEGORY**

PROVIDED

RESIDENTIAL R-3 TYPE V (B) - UNSPRINKLERED.

TOTAL UNDER ROOF: 3,882 SF.

17'-8" MEAN HEIGHT OF ROOF

1 STORY PROVIDED

160 MPH

LOW-RISE BUILDING. ENCLOSED

SINGLE FAMILY RESIDENCE BORRO RESIDENCE 18570 ROYAL HAMMOCK BLVD, NAPLES FL

INDEX TO DRAWINGS

ARCHITECTURAL

A-1 COVER SHEET A-2 FLOOR PLAN

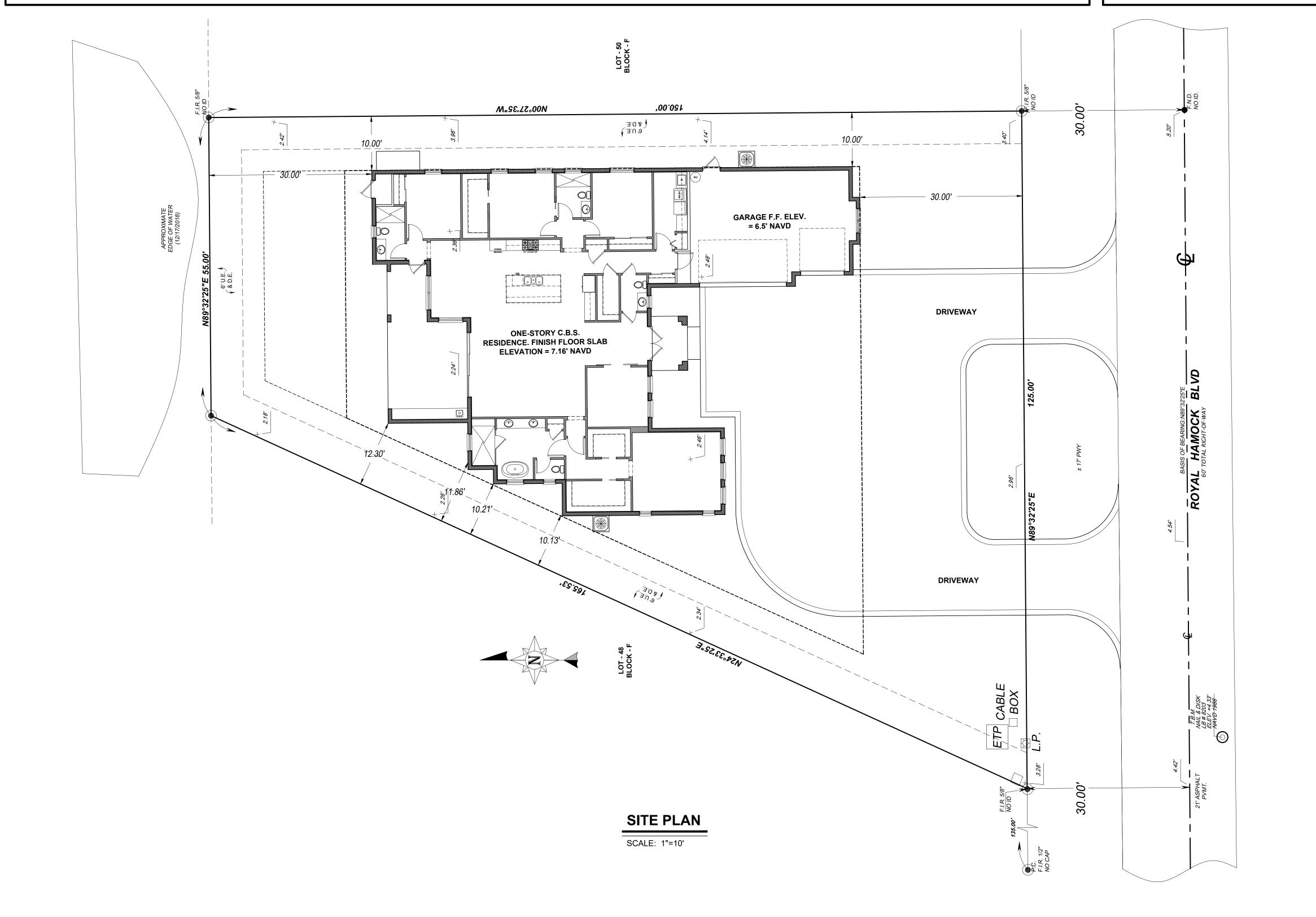
A-3 ELEVATIONS

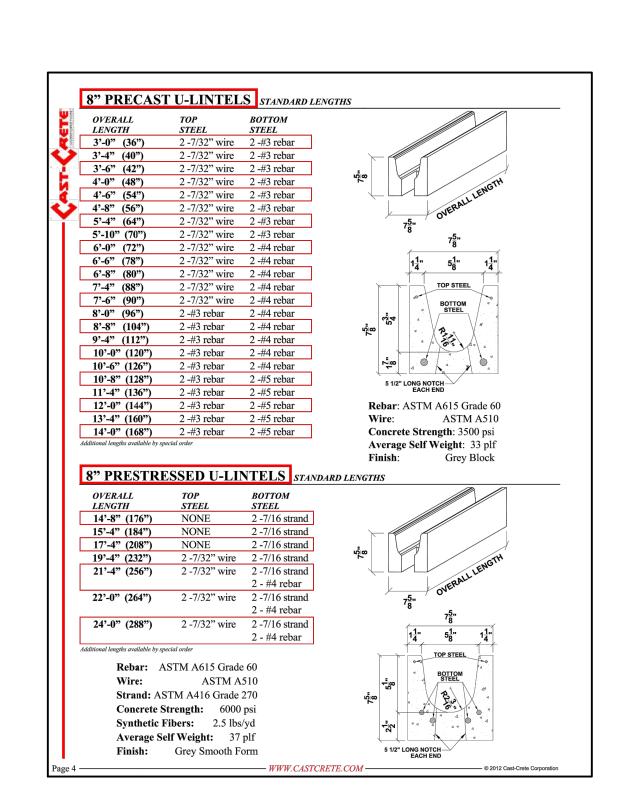
A-4 ELEVATIONS A-5 FOUNDATION SLAB A-6 ROOF PLAN A-7 DETAILS

E-1 ELECTRICAL PLAN E-2 SCHEDULES, NOTES & DETAILS.



DESCRIPTION

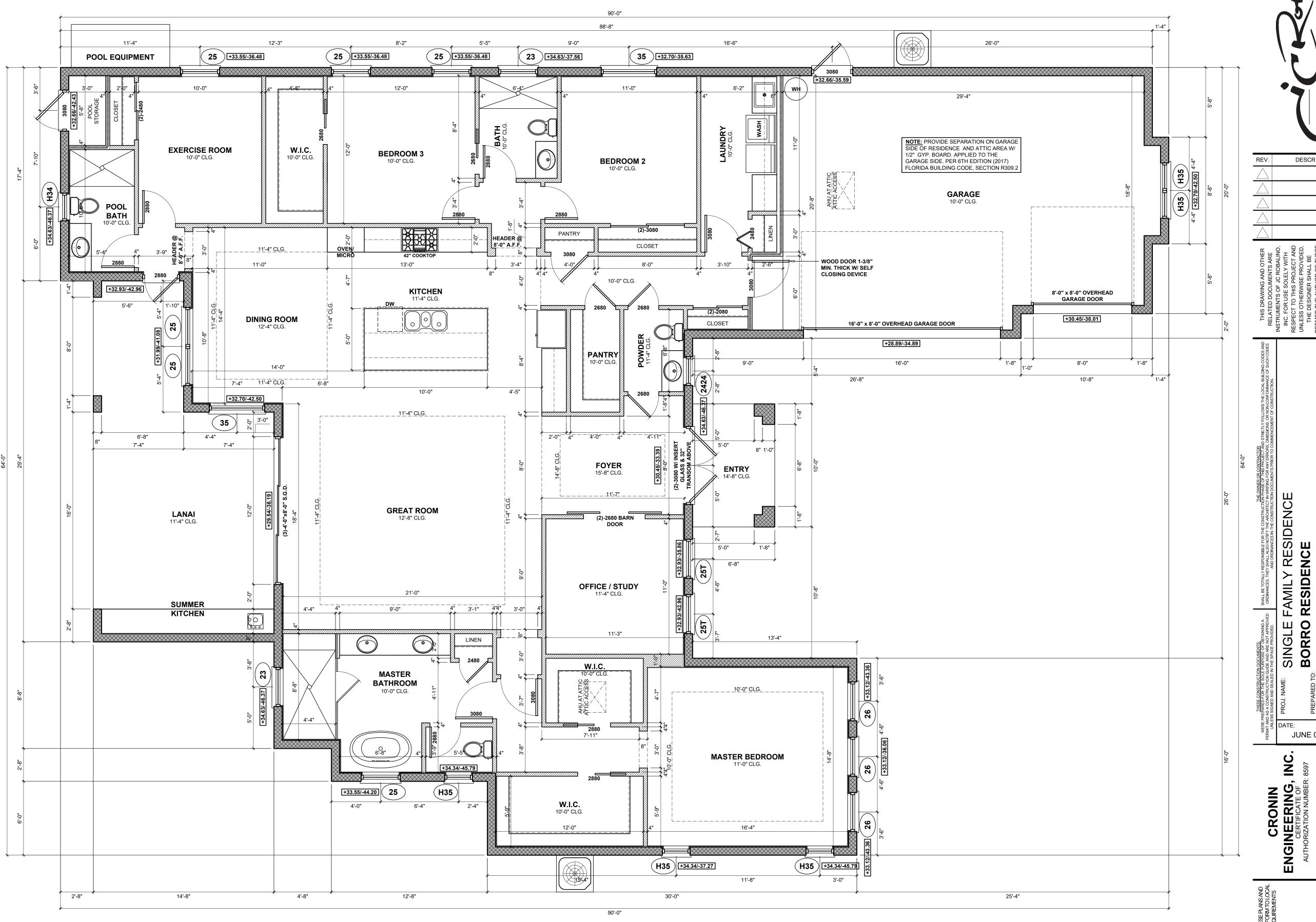




BUILDING SQUARE FOOTAGE										
TABULATION										
TOTAL A/C LIVING AREA	2,796	SQ FT								
GARAGE	667	SQ FT								
ENTRY	67	SQ FT								
LANAI	352	SQ FT								
TOTAL NON-A/C	1,086	SQ FT								
TOTAL UNDER ROOF	3,882	SQ FT								

	WINDOV	V SCHED	ULE
WINDOW MARK	WINDOW SIZE	TYPE	REMARK
H34	26-1/2" x 50-5/8"	SINGLE HUNG	IMPACT RESISTANT
H35	26-1/2" x 63"	SINGLE HUNG	IMPACT RESISTANT
23	37" x 38-3/8"	SINGLE HUNG	IMPACT RESISTANT
25	37" x 63"	SINGLE HUNG	IMPACT RESISTANT
25T)	37" x 63" W/ 20" TRANSOM ABOVE	SINGLE HUNG W/ FIXED WINDOW	IMPACT RESISTANT
26	37" x 76"	SINGLE HUNG	IMPACT RESISTANT
35	53-1/8" x 63"	SINGLE HUNG	IMPACT RESISTANT
2424	28" x 28"	FIXED WINDOW	IMPACT RESISTANT

NOTE: ALL EXTERIOR DOORS & WINDOWS TO BE WINGUARD IMPACT NOTE: USE "DuPont FlexWrap NF" SELF ADHERED FLASHING (OR SIMILAR) AROUND WINDOWS AND DOORS PER MANUFACTURER RECOMMENDATIONS. SELF-ADHERED MEMBRANE USED AS FLASHING SHALL COMPLY WITH AAMA 711. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH.

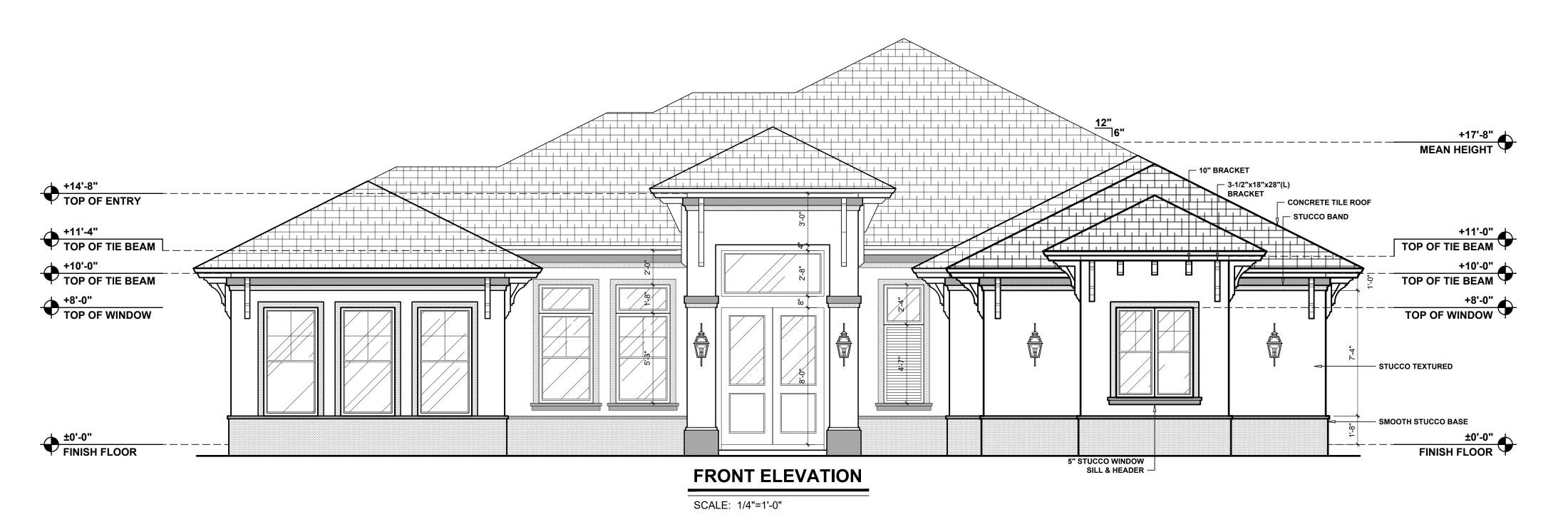


FLOOR PLAN

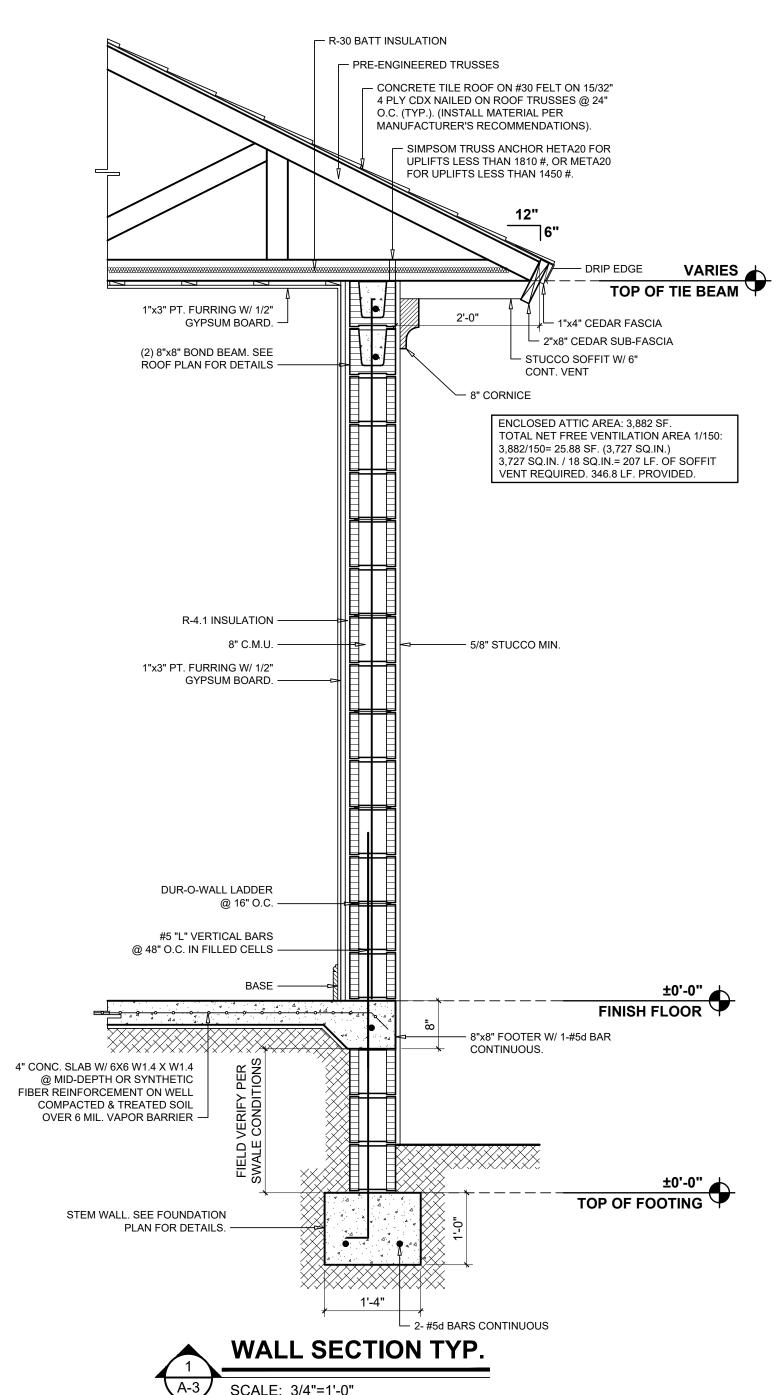
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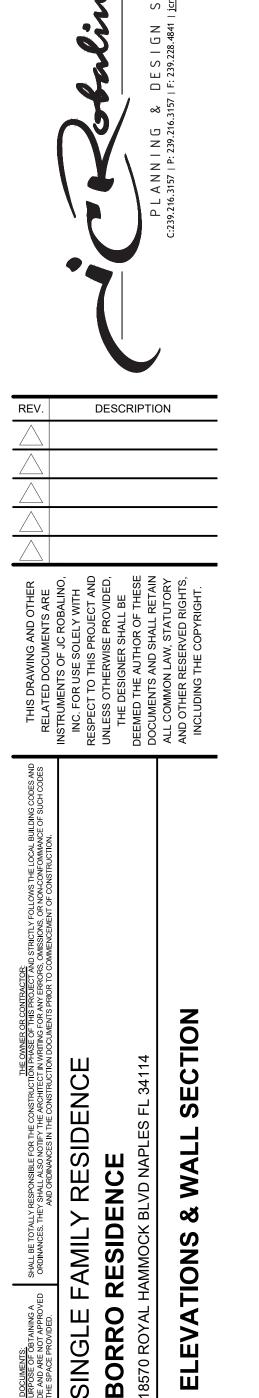
JUNE 09, 2020

DESCRIPTION





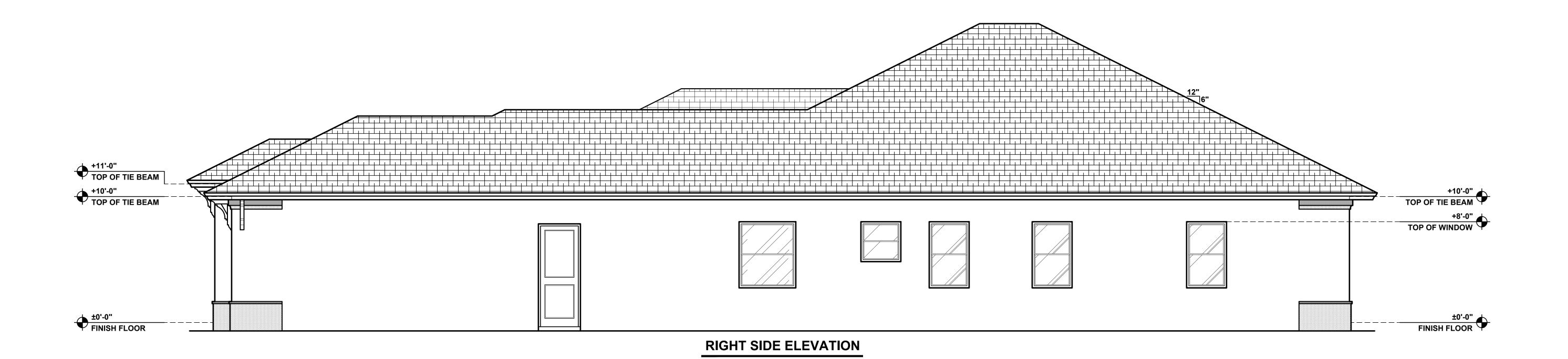




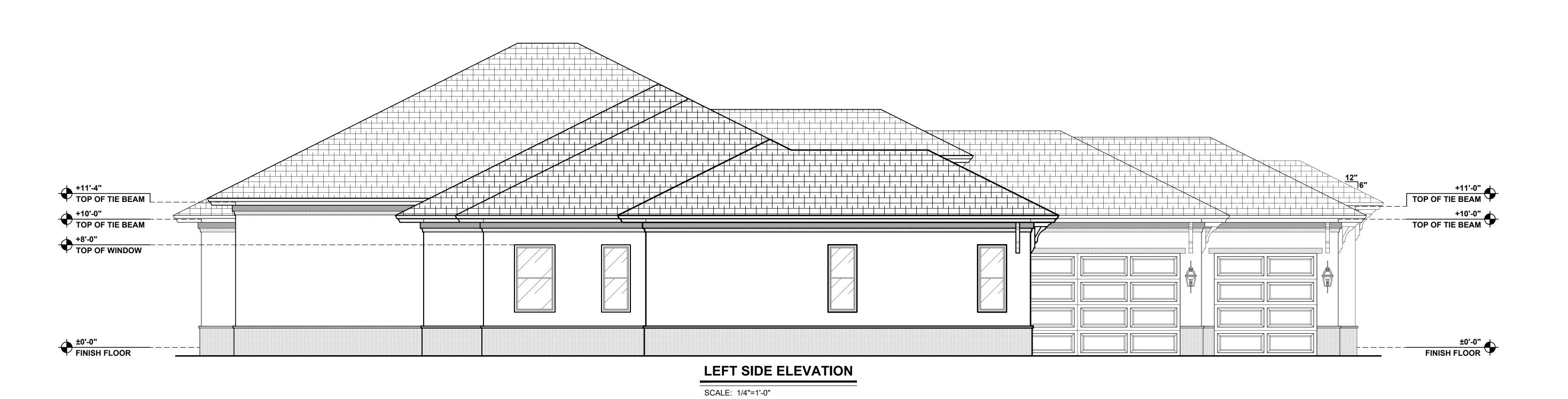
CRONIN
ENGINEERING, INC.
CERTIFICATE OF
AUTHORIZATION NUMBER: 8597
AUTHORIZATION PARK DRIVE
NAPLES, FL 34109
PHONE: 593-2157 FAX: 593-8820

ICERTIFY THAT THESE PLANS AND SPECIFICATIONS CONFORM TO LOCAL BUILDING CODE REQUIREMENTS

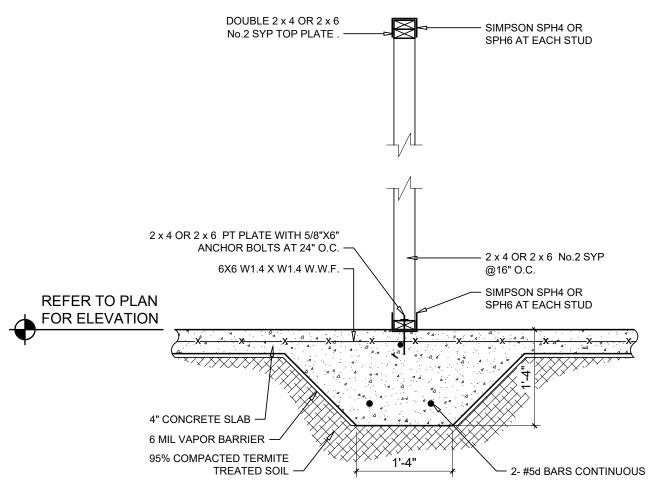
A-3



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



	_
REV.	DESCRIPTION
\triangle	
\triangle	
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FOOTING DETAIL @ BEARING WALL

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

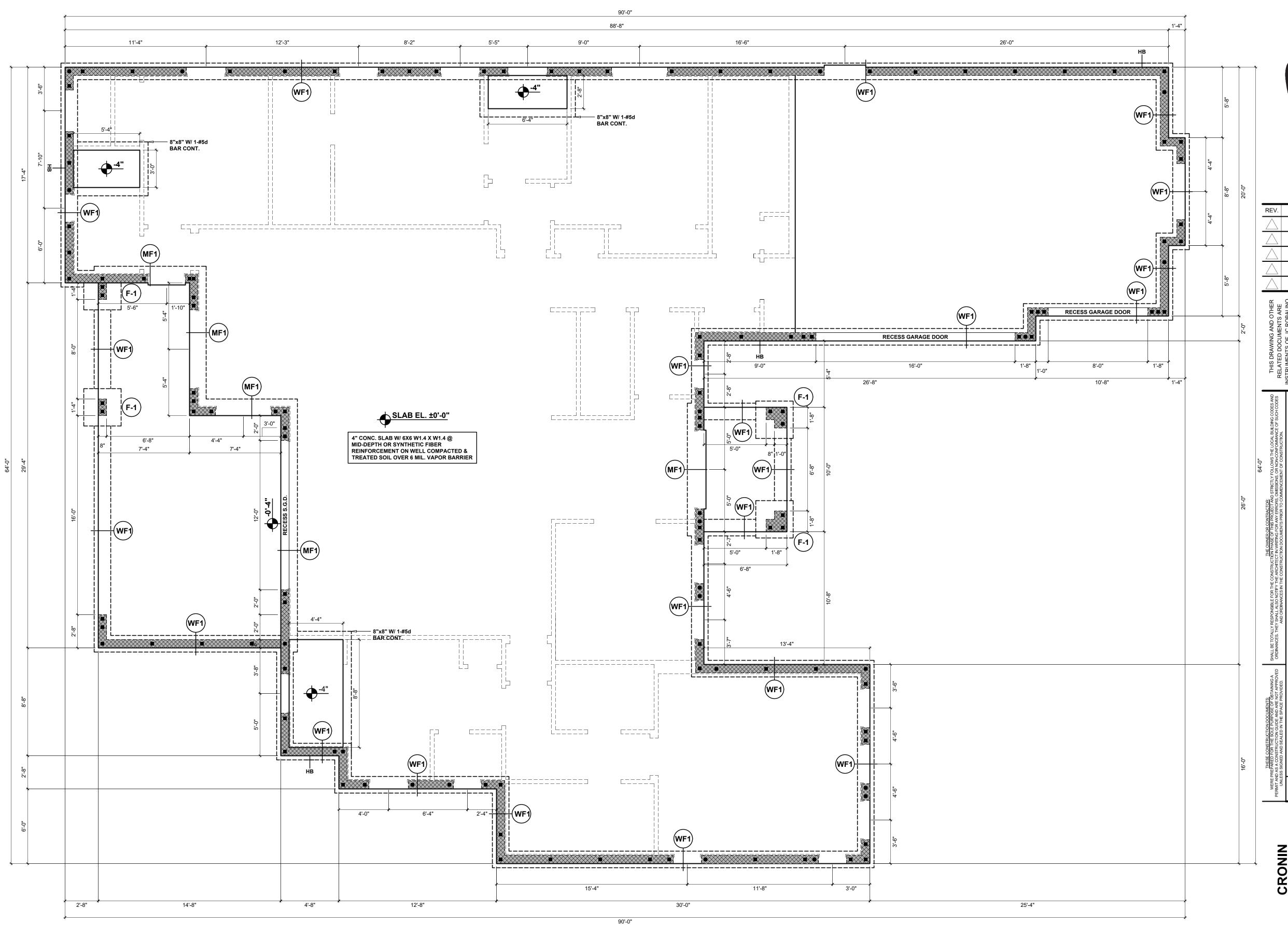
MASONRY WALL REINFORCEMENT NOTES

- WALL REINFORCEMENT SHALL BE DOWELED FROM FOUNDATION AND BE CONTINUOUS THROUGH SOLID GROUTED CELLS AND BE HOOKED OVER TOP REINFORCEMENT OF UPPER BEAMS. MINIMUM LAP SPLICE SHALL BE 48 BAR DIAMETERS. FOR HORIZONTAL WALL REINFORCEMENT, @ EVERY OTHER COURSE.
- 2. WALL REINFORCEMENT IS AS FOLLOWS: #5 @ 48" O.C. PROVIDE 1 #5 AT ALL WALL INTERSECTIONS, CORNERS, & EACH SIDE OF OPENINGS AND 2 #5 EACH SIDE OF OPENINGS LARGER THAN 6'-0".
- 3. WALL SEGMENTS BELOW AND ABOVE THE OPENINGS SHALL BE REINFORCED SAME AS WALL
- 4. MASONRY GROUT = 2000 PSI.
- 5. MASONRY WALL COMPRESSIVE STRENGTH OF fm=1500 PSI.
- . MORTAR TYPE M OR S WITH 1900 PSI COMPRESSIVE STRENGTH.

FOUNDATION/GROUND FLOOR NOTES

- 1. FLOOR SLAB IS A 4" CONC. SLAB-ON-GRADE (fc=3000 psi) WITH 6 X 6 W1.4 X W1.4 W.W.F. @ MID-DEPTH OR SYNTHETIC FIBER REINFORCEMENT (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 2000 PSF. GENERAL CONTRACTOR SHALL VERIFY THE VALIDITIY OF THIS ASSUMPTION.
- 3. 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.
- 5. INDICATES ADDITIONAL #5 IN CMU WALLS.
- 6. ALL REINFORCEMENT SHALL BE GRADE 60.

	FOOTING SCHEDULE												
MARK	SIZE	REINFORCEMENT	REMARKS										
WF1	1'-4" x 1'-0" x CONT. STEM WALL	2- #5d BARS CONTINUES	TOP OF FOOTING MUST VARIES. STEMWALL TO BE ADJUSTED PER SWALE CONDITIONS (TYP.)										
MF1	1'-4" x 1'-4" x CONT. MONO FOOTER	2- #5d BARS CONTINUES											
(F-1)	2'-6" x 2'-6" x 1'-4"	CONCRETE PAD W/ #5d BARS @ 6" O.C. EACH WAY, 3" OFF OF BOTTOM OF FOUNDATION											

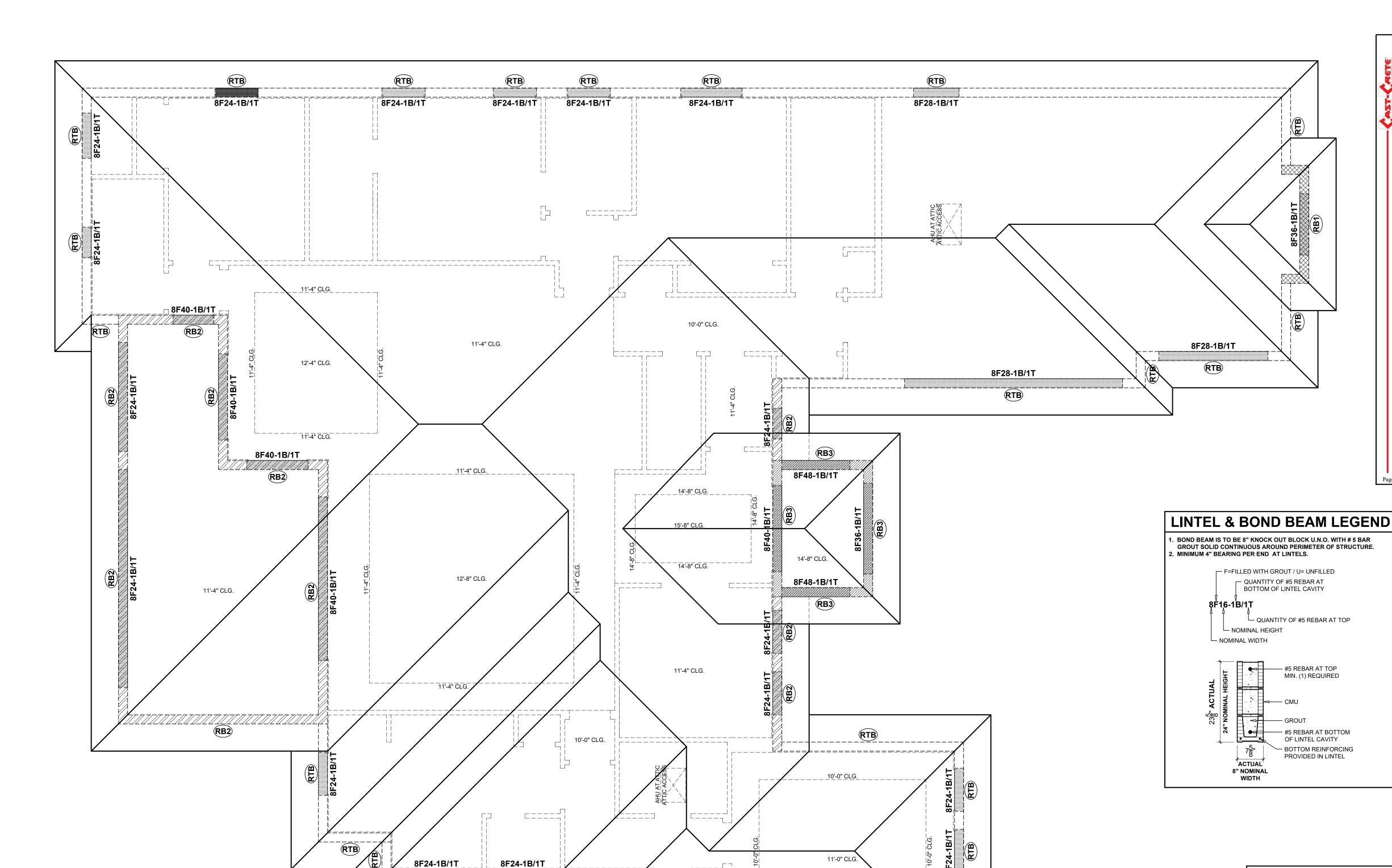


SPECFICATIONS CONFORM TO LOCAL
BUILDING CODE REQUIREMENTS

DEREK P. CRONIN
EL ODITA DE # 65282

DESCRIPTION

FOUNDATION PLAN



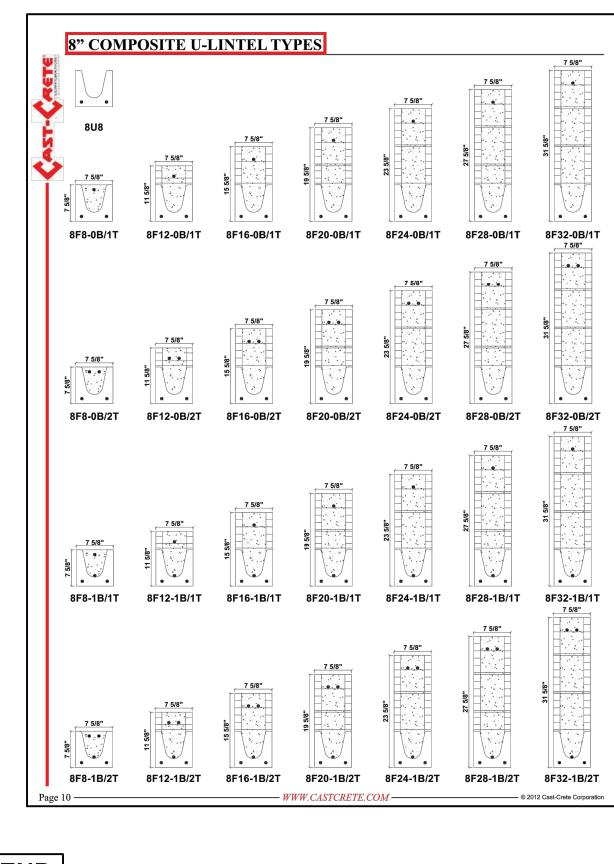
ROOF PLAN

RTB RTB

10'-0" CLG.

8F24-1B/1T

(**RB1**) 11'-0"



COMPONENT AND CLADDING LOADING **DIAGRAM FIGURE 1**

Vult = 160 MPH ULTIMATE DESIGN WIND SPEED COMPONENT AND CLADDING (BASED ON Vult) EXPOSURE C ULTIMATE DESIGN PRESSURES (LRFD) PSF

BEAM SCHEDULE

(2)- 8" x 8" BOND BEAM W/ 1- #5d CONT. EACH

(2)- 8" x 8" BOND BEAM W/ 1- #5d CONT. EACH

(2)- 8" x 8" BOND BEAM W/ 1- #5d CONT. EACH

(2)- 8" x 8" BOND BEAM W/ 1- #5d CONT. EACH

DESCRIPTION

TOP OF ENTRY BEARING 14'-8"

TOP OF BEARING

TOP OF BEARING

TOP OF BEARING

SIZE BOTTOM TOP INTERMEDIATE SPACING #3 TIES

BEARING LEGEND

SYMBOL

ELEVATION

ROOF ZONE	AREA	APPLIED DESIGN PRESSURE
	10 SF	+39.9 / -64.5 PSF
70NF 4	20 SF	+33.9 / -62.9 PSF
ZONE 1	50 SF	+29.5 / -60.6 PSF
	100 SF	+26.2 / -58.9 PSF
	10 SF	+37.1 / -108.2 PSF
70NF 0	20 SF	+33.9 / -96.6 PSF
ZONE 2	50 SF	+29.5 / -83.6 PSF
	100 SF	+26.2 / -75.5 PSF
	10 SF	+37.1 / -162.8 PSF
70NF 2	20 SF	+33.9 / -142.0 PSF
ZONE 3	50 SF	+29.5 / -128.9 PSF
	100 SF	+26.2 / -119.1 PSF
WALL ZONE	AREA	APPLIED DESIGN PRESSURE
	10 SF	+64.5 / -70.0 PSF
	20 SF	+61.6 / -67.1 PSF
ZONE 4	50 SF	+57.7 / -63.1 PSF
		01.17 00.11 01
	100 SF	+54.9 / -60.3 PSF
	100 SF	+54.9 / -60.3 PSF
	100 SF 101 + SF	+54.9 / -60.3 PSF +48.0 / -53.5 PSF
ZONE 5	100 SF 101 + SF 10 SF	+54.9 / -60.3 PSF +48.0 / -53.5 PSF +64.5 / -86.4 PSF
ZONE 5	100 SF 101 + SF 10 SF 20 SF	+54.9 / -60.3 PSF +48.0 / -53.5 PSF +64.5 / -86.4 PSF +61.6 / -80.5 PSF

COMPONENT AND CLADDING DESIGN PRESSURES

ZONE 4	50 SF	+57.7 / -63.1 PSF					
	100 SF	+54.9 / -60.3 PSF					
	101 + SF	+48.0 / -53.5 PSF					
	10 SF	+64.5 / -86.4 PSF					
	20 SF	+61.6 / -80.5 PSF					
ZONE 5	50 SF	+57.7 / -72.8 PSF					
	100 SF	+54.9 / -67.1 PSF					
	101 + SF	+48.0 / -53.5 PSF					
IMPACT RESISTANT GLA • FOR WOOD FRAME	ASS OR SHUTT DOUBLE TOP IIMUM LAP IS 3	O BE PROTECTED WITH A APPROVED TERS. PLATE. TOP PLATE SPLICE 66". FASTEN LAPS WITH (2) ROWS					

COMPONENT A	ND CLADDING DESI	GN PRESSURES									
Vasd = 124 MPH NOMINAL DESIGN WIND SPEED (Vult = 160 MPH) COMPONENT AND CLADDING (BASED ON Vasd) EXPOSURE C DOORS & WINDOWS INCLUDED PRESSURES CALCULATED USING (Vult x 0.6) WHICH IS EQUIVALENT TO Vasd ALLOWABLE STRESS DESIGN PRESSURE (ASD) PSF											
AREA OPENING	INTERIOR ZONE	END ZONE									
0 - 10 SF	+38.8 / -42.0 PSF	+38.8 / -51.8 PSF									
11 - 20 SF	+37.0 / -40.2 PSF	+37.0 / -48.3 PSF									
21 - 50 SF	+34.6 / -37.8 PSF	+34.6 / -43.7 PSF									
51 - 100 SF	+32.9 / -36.3 PSF	+32.9 / -40.2 PSF									
101 + SF	+28.8 / -32.1 PSF	+28.8 / -32.1 PSF									
COMPONENT AND CLAD GARAGE DOORS DESIG	AL DESIGN WIND SPEED DDING (BASED ON Vasd) EX IN PRESSURE SSIGN PRESSURE (ASD) PS										
	I										

AREA OPENING

0 - 110 SF

	111 + SF	+38.6 / -43.4 PSF
	NOTE: ALL DOORS & WI	NDOWS ARE TO BE PROTECTED WITH A APPRO ASS OR SHUTTERS.
•	WIND LOAD REQUIREM 1. THE STRUCTURAL	ENTS SYSTEMS FOR THE DRAWINGS PRESENTED WE

+41.6 / -46.5 PSF

DESIGNED PER THE LOADING PRESENTED IN THE FLORIDA BUILDING CODE 6TH EDITION. THE DESIGN WIND SPEED IS (Vult = 170 MPH.) AND (Vasd = 132 MPH). IMPORTANCE FACTOR IW = 1.0 OF THE FLORIDA BUILDING CODE 6TH

EXPOSURE CATEGORY C. INTERNAL PRESSURE COEFFICIENT (ASCE 7-10) +0.18 / -0.18

ENCLOSED BUILDING OPENINGS ARE PROTECTED FROM FLYING DEBRIS WITH IMPACT GLASS AND/OR SHUTTERS.

DESCRIPTION

JUNE 09, 2020

ROOF TRUSSES 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

ROOF SHEATHING SHALL CONSIST OF 15/32" MIN.PLYWD. 4-PLY CDX LAID PERPENDICULAR TO TRUSSES NAILED @ 4" O.C. ALONG BOUNDARY EDGES, 4" O.C. ALONG EDGES AND 6" O.C. INTERMEDIATE W/ 8d COMMONS.

BRACE TRUSSES PER T.P.I. H.I.B-91, AS REVISED

TRUSSES. REFER TO THE TRUSS DRAWING FOR LAYOUT.

THE TRUSS LAYOUT BY

COORDINATED WITH THE FOUNDATION AND ROOF PLAN.

PROVIDE SIMPSON HETA20 W/16 10d X 1 1/2" FOR UPLIFTS UP TO 1890 LBS. ALL CHANGES TO THE TRUSS LAYOUT SHALL BE APPROVED BY THE ENGINEER.

IMPROPERLY LOCATED OR MISSING TRUSS TIE DOWNS USE SIMPSON HTSM20 TWIST STRAPS AT EACH LOCATION AS REQUIRED.

THE SEPARATION OF THE GARAGE AND ITS ATTIC AREA SHALL BE NOT LESS THAN 1/2 INCH GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED FROM ALL HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8 INCH TYPE "X" GYPSUM BOARD OR EQUIVALENT WHERE THE SEPARATION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2"-INCH GYPSUM BOARD OR EQUIVALENT PER FBC R309.1, R309.2.

PROVIDE GYPSUM BOARD 1/2" MIN FOR 16" O.C. FRAMING AND FROM 1/2" TO 5/8" FOR 24" O.C. FRAMING OR 1/2" SAG-RESISTANT GYPSUM CEILING BOARD PER FBC R702.5.

LANAI & ENTRY CEILINGS SHALL HAVE A 1/2" CD EXTERIOR PLYWOOD LAID PERPENDICULAR TO TRUSS BOTTOM CHORDS AND NAILED W/ 10d NAILS @ 6" O.C.

ROOF NOTES

THIS BUILDING/STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH 6TH EDITION (2017) FLORIDA BUILDING CODE AND SECTION 1609 FOR DESIGN PRESSURES GENERATED BY A DESIGN WIND VELOCITY OF 160 MPH.

STRUCTURAL NOTES

DESIGN CRITERIA:

THE MAIN WIND-FORCE RESISTANCE SYSTEM AND COMPONENTS AND CLADDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 6TH EDITION (2017) TO WITHSTAND WIND PRESSURES GENERATED BY A MINIMUM BASIC WIND SPEED OF 160 M.P.H.

THE FOUNDATION HAS BEEN DESIGNED FOR A SAFE LOAD BEARING CAPACITY OF 2000 PSF . THE CONTRACTOR SHALL VERIFY SOIL BEARING

ALL CONCRETE WORK SHALL CONFORM TO SPECIFICATIONS FOR ALL STRUCTURAL CONCRETE FOR BUILDINGS (A.C.I.-301). CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.

CONCRETE CLEAR COVER:

FOUNDATIONS: 1.50" TO STIRRUP SLABS NOT EXPOSED TO THE WEATHER:

SLABS EXPOSED TO THE WEATHER:

REINFORCING STEEL: ALL REINFORCING STEEL BARS SHALL CONFORM TO ASTM 615 SPECIFICATIONS AND SUPPLEMENTARY REQUIREMENTS S1,FOR DEFORMED BILLET STEEL WITH 60,000 PSI MINIMUM YIELD STRENGTH. PROVIDE DOWELS IN FOUNDATIONS TO MATCH REINFORCING ABOVE.

PRE-ENGINEERED WOOD ROOF TRUSSES: PRE-ENGINEERED WOOD ROOF TRUSSES SHALL BE DESIGNED FOR THE

FOLLOWING LOADS: L.L. TOP CHORD

D.L. TOP CHORD D.L. BOTTOM CHORD

TRUSS MANUFACTURER SHALL SUBMIT SIGNED AND SEALED PLAN VIEW SHOP DRAWINGS W/ ENGINEERED PROFILES AND CALCULATIONS SHOWING ALL REQUIRED TIE DOWNS PRIOR TO GENERAL CONSTRUCTION: ALL ROOF TRUSSES SHALL BE DESIGNED FOR A MIN. BASIC WIND SPEED OF 160 M.P.H PER THE FLORIDA BUILDING CODE, 6TH

SHALL CONFORM TO ASTM C-90. UNITS SHALL BE ERECTED IN INTERLOCKED RUNNING BOND PATTERN. MORTAR SHALL BE TYPE "M" OR "S" AND MEET ASTM C-270. PROVIDE GAUGE 9 HORIZONTAL JOINT REINFORCEMENT EVERY OTHER COURSE. f'm = 1500 PSI. GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI & CONFORM TO ASTM C-476.

SOLID SAWN LUMBER:

TOP AND BOTTOM PLATES, SAWN LUMBER, BEAMS, HEADERS, SOLID AND BUILT UP POSTS SHALL BE #2 SOUTHERN YELLOW PINE WITH THE FOLLOWING MINIMUM PROPERTIES:

Fb = 1200 PSI Fv = 90 PSI $E = 1.5 \times 10 PSI$

LAMINATED VENEER LUMBER

L.V.L. & P.S.L. INDICATES LAMINATED LUMBER AS MANUFACTURED BY "TRUSS JOIST McMILLAN" CORPORATION. ALL DESIGN DATA FOR THIS MATERIAL DIVISION SHALL BE AS SPECIFIED BY THE MANUFACTURER -ALL ATTACHMENTS, FILLERS ETC. AND INSTALLATION PROCEDURES SHALL IN STRICT ACCORDANCE W/ THE MANUFACTURERS SPEC'S.

DOOR OR WINDOW OPENINGS IN MASONRY WALLS SHALL HAVE CONCRETE LINTELS. WHERE THE HEAD OF THE OPENING IS WITHIN 16" OF THE TIE BEAM. OR SLAB. LINTELS SHALL BE POURED INTEGRAL WITH THE TIE BEAMS, OR SLAB, ADD 2 #5 BOTTOM BARS FOR EVERY 8" DROP OF THE TIE BEAM. WHERE PRECAST LINTELS ARE USED, THEY SHALL BEAR MINIMUM OF 8" ON THE SUPPORT AND HAVE THE FOLLOWING SIZ AND REINFORCEMENT:

SPANS UP TO 6'-0" USE 8" X 8" PRECAST U LINTELS SPANS UP TO 12'-0" USE 8" X 8" PRE-STRESSED U LINTELS

REINFORCE AS SHOWN

ROOF SHEATHING:

WOOD STRUCTURAL ROOF SHEATHING DIAPHRAGM SHALL BE 15/32" THICK (A.P.A. RATED) C. D. EXTERIOR INSTALLED PERPENDICULAR TO SUPPORTS AND SECURED W/ 10d NAILS AT 4" O/C ALL PANEL EDGES AND AT 6" O/C ALONG ALL INTERMEDIATE SUPPORTS - (4) PLY MATERIAL TO BE USED - SPAN RATING SHALL BE 32 /16.

WALL SHEATHING:

WALL SHEATHING DIAPHRAGM SHALL BE 15/32" TH. (A.P.A. RATED) C. D. EXT. INSTALLED PERPENDICULAR TO SUPPORTS AND SECURED W/ 8d NAILS AT 6" O/C ALL PANEL EDGES - PROVIDE 2 X 4" BLKG. BETWEEN STUDS W/ 3-1/2" FACE SET VERTICAL AT ALL PANEL EDGES - ALL INTERMEDIATE SUPPORTS SHALL BE NAILED W/ 8d NAILS AT 12" 0/C -SPAN RATING SHALL BE 32/16.

METAL FASTENERS / CONNECTORS:

ALL HANGERS, CLIPS, STRAPS, TO BE MANUFACTURED BY "SIMPSON STRONG TIE" (UNLESS NOTED OTHERWISE) - REFER TO PLAN & TIE DOWN SCHEDULE FOR ALL SPECIFIED FASTENER NUMBERS - CONSULT MFGS. CATALOG #C "WOOD CONSTRUCTION CONNECTORS" AND "HIGH WIND-RESISTANT CONST. CONNECTORS" CATALOG # C-HW - INSTALL ALL STRAPS PER MFGS. SPECIFICATIONS WITH DISTANCE OF STRAP BEING EQUAL FROM POINT OF CONN. ALL STRAPS SHALL BE Z-MAX.

BELOW CONNECTION (I.E) BEAM TO POST INTERFACE) ALL CONNECTORS SHALL HAVE ALL NAIL HOLES FILLED WITH APPROPRIATE SIZE NAILS PER SIMPSON'S SPEC'S.

ALL FLAT STRAPS OR TWIST STRAPS SHALL BE APPLIED WITH EQUAL LENGTHS OF STRAP TO HEADER OR BEAM AND COLUMN, ETC., WHERE (2) STRAPS ARE INDICATED, APPLY ONE (1) AT EACH SIDE OF CONNECTION, FILL ALL HOLES WITH SPECIFIED NAIL COUNT.

GENERAL:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING WITH CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY FIELD CONDITION WHICH MAY NOT BE IN ACCORDANCE WITH DESIGN CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE JOB SITE CONSTRUCTION SAFETY. FOR FINISHED FLOOR ELEVATIONS, SLOPES, STEPS AND RECESSES, REFER TO ARCHITECTURAL PLANS. FOR SIZE AND LOCATION OF MECHANICAL SLEEVES AND OPENINGS, REFER TO MECHANICAL AND ARCHITECTURAL

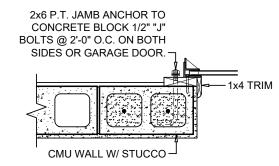
FORM WORK AND SHORING:

SHORES AND RE-SHORES SHALL MEET THE REQUIREMENTS AS SET FORTH IN THE CURRENT A.C.I. 347 AND A.C.I. 301 LATEST EDITIONS. FORM WORK AND SHORING SHALL BE DESIGNED BY A FLORIDA REGISTERED ENGINEER.

SLABS ON FILL:

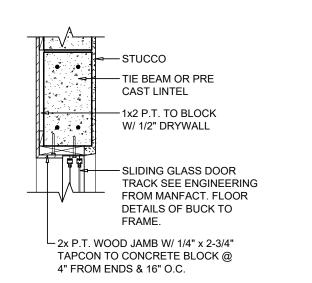
EXTERIOR SLABS ON FILL SHALL BE 4" THICK, UNLESS OTHERWISE NOTED ON PLANS, REINFORCED WITH 6 X 6 W1.4 X W1.4 W.W.M. FILL MATERIAL UNDER SLAB SHALL BE CLEAN SAND AND/OR ROCK AND SHALL BE COMPACTED TO 95% (MIN.) OF ASTM D 1557 IN LIFTS NOT TO EXCEED 12" IN DEPTH. SLAB ON FILL SHALL BE POURED AGAINST APPROVED VAPOR BARRIER

FIBER REINFORCED CONCRETE SLABS SHALL CONTAIN SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH SHALL BE 1/2" TO 2". DOSAGE AMOUNTS SHOULD BE FROM 0.75 TO 1.5 LBS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C1116.

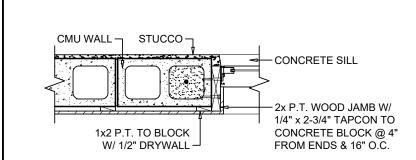


GARAGE DOOR JAMB DETAIL

SCALE: N.T.S.

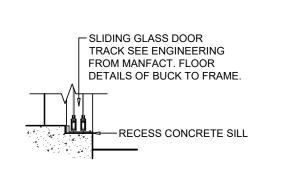


SLIDING GLASS DOOR HEAD DETAIL



SLIDING GLASS DOOR JAMB DETAIL

SCALE: N.T.S.



SLIDING GLASS DOOR SILL DETAIL

SCALE: N.T.S.

ALTERNATE WINDOW / DOOR JAM ATTACHMENT

WINDOW JAMS SHALL CONSIST OF 1X3 (MIN.) PRESSURE TREATED ATTACHED TO MASONRY WITH 3/16" X 2 1/2" TAPCONS AT 4" FROM EA. END AND 16" O.C. FOR OPENINGS UP TO 6'-8". PROVIDE 3/16" X 2 1/2" TAPCONS AT 12" O.C. FOR OPENINGS GREATER THAN 6'-8" TO 8'-0" HIGH. ANCHORS SHALL NOT BE IN THE BEVELED AREA.

SLIDING DOORS OR WINDOWS UP TO 8'-0" HIGH REQUIRING BUCKING WIDER THAN 4" UP TO 8" SHALL BE ATTACHED TO THE MASONRY WALL WITH (2) ROWS OF 3/16" X 2 1/2" AT 16" O.C. FOR 1X BUCKS AND 1/4" X 3 1/2" AT 16" O.C. FOR 2X BUCKS.

WINDOW ATTACHMENT SHALL BE PER MANUFACTURER'S SPECIFICATIONS AND SHALL BE ATTACHED DIRECTLY TO THE MASONRY WALL THROUGH THE BUCKING IF USING 1" THICK

MASONRY CELLS ON EACH SIDE OF THE OPENING SHALL BE FILLED SOLID WITH 1#5 REBAR EACH CELL IN ACCORDANCE WITH THE MASONRY NOTES.

CMU WALL -

STUCCO -

1x2 P.T. TO BLOCK

2x P.T. WOOD JAMB W/

1/4" x 2-3/4" TAPCON TO

CONCRETE BLOCK @ 4"

FROM ENDS & 16" O.C. -

W/ 1/2" DRYWALL —→

SCALE: N.T.S.

W/ 1/2" DRYWALL -

CMU WALL W/ STUCCO LDOOR JAMB

SCALE: N.T.S.

DOOR JAMB TO

BLOCK DETAIL

__ 2x P.T. WOOD JAMB W/ 1/4" x 2-3/4"

4" FROM ENDS & 16" O.C.

DOOR JAMB TO

BLOCK DETAIL

DOOR HEAD DETAIL

TAPCON TO CONCRETE BLOCK @

→ METAL THRESHOLD

SOLID CORE DOOR

CONCRETE SILL

TIE BEAM OR

-DOOR HEADER

-SOLID CORE

DOOR

TAPCON TO CONCRETE BLOCK @

→ METAL THRESHOLD

SOLID CORE DOOR

CONCRETE SILL

4" FROM ENDS & 16" O.C.

PRE CAST LINTEL

TIE BEAM OR PRE

-1x2 P.T. TO BLOCK W/ 1/2" DRYWALL

WINDOW FRAME SEE

ENGINEERING FROM

DETAILS OF BUCK TO

WINDOW FRAME SEE

ENGINEERING FROM

OF BUCK TO FRAME.

MANFACT. FLOOR DETAILS

-MARBLE SILL

WINDOW FRAME SEE

FRAME

-CMU WALL

ENGINEERING FROM

DETAILS OF BUCK TO

MANFACT. FLOOR

2x P.T. WOOD JAMB W/

1/4" x 2-3/4" TAPCON TO

FROM ENDS & 16" O.C.

CONCRETE BLOCK @ 4"

MANFACT. FLOOR

L 2x P.T. WOOD JAMB W/ 1/4" x 2-3/4"

4" FROM ENDS & 16" O.C.

WINDOW HEAD DETAIL

WINDOW JAMB DETAIL

WINDOW SILL DETAIL

SCALE: N.T.S.

CMU WALL - STUCCO -

W/ 1/2" DRYWALL -

SCALE: N.T.S.

2x P.T. WOOD JAMB W/

1/4" x 2-3/4" TAPCON TO

CONCRETE BLOCK @ 4"

FROM ENDS & 16" O.C.

MARBLE SILL —

BOND BEAM

(APPROVED PRE CAST

SILL MAY BE USED) -

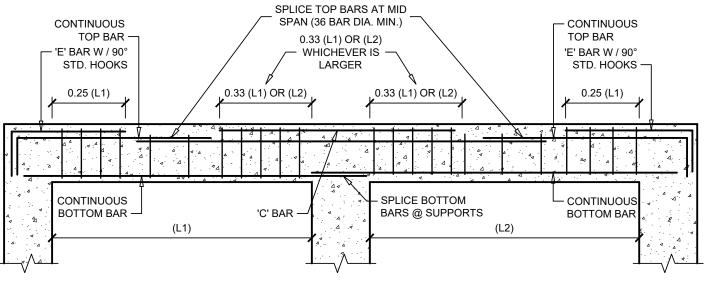
1x2 P.T. TO BLOCK

W/ 1/2" DRYWALL -

SCALE: N.T.S.

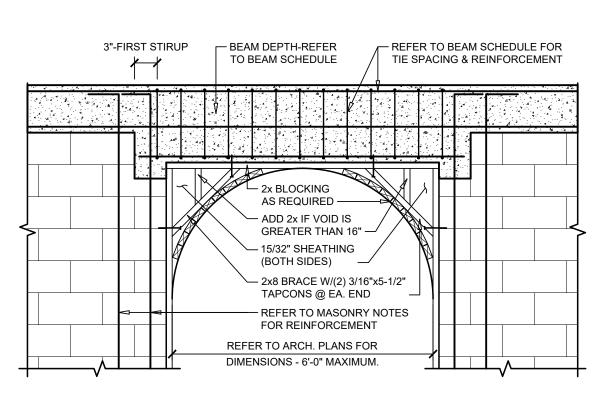
TAPCON TO CONCRETE BLOCK @

CAST LINTEL



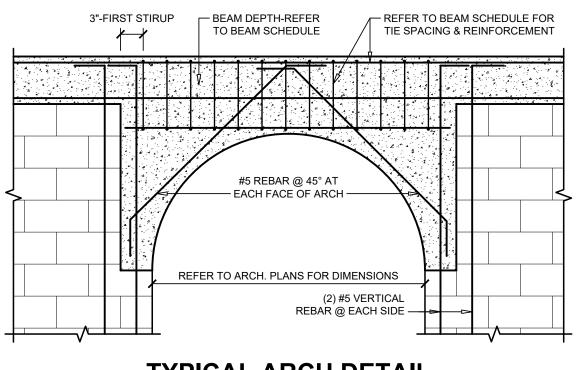
BEAM BAR DIAGRAM

SCALE: N.T.S.



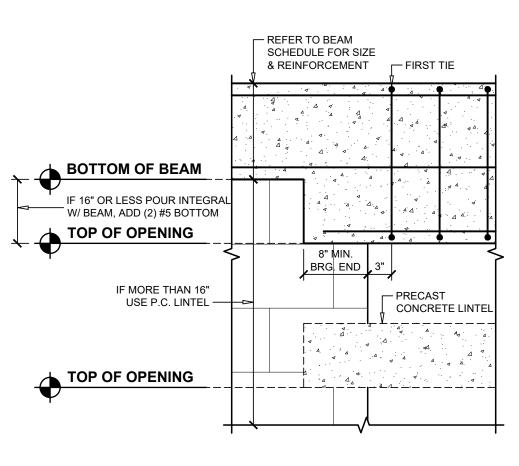
TYPICAL WOOD FRAME ARCH DETAIL

SCALE: N.T.S.



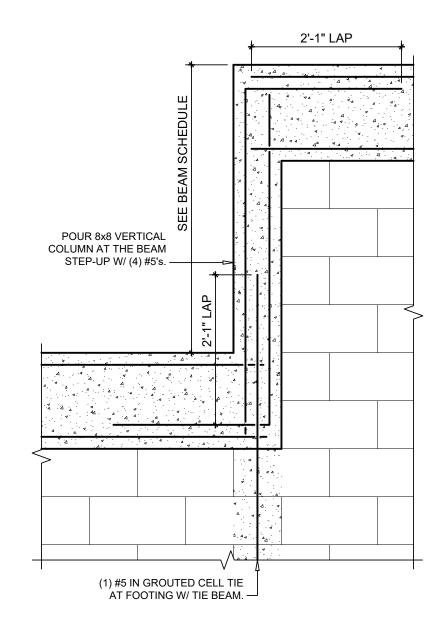
TYPICAL ARCH DETAIL

SCALE: N.T.S.



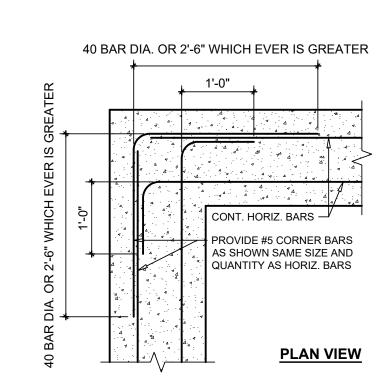
TYPICAL BEAM / LINTEL OVER OPENING

SCALE: N.T.S.



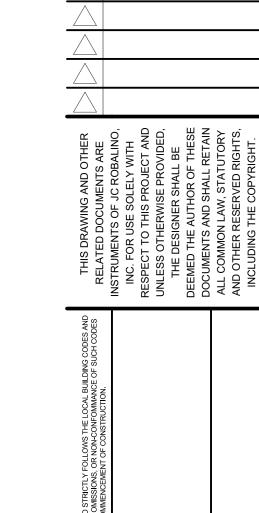
STEP-UP TIE BEAM DETAIL

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

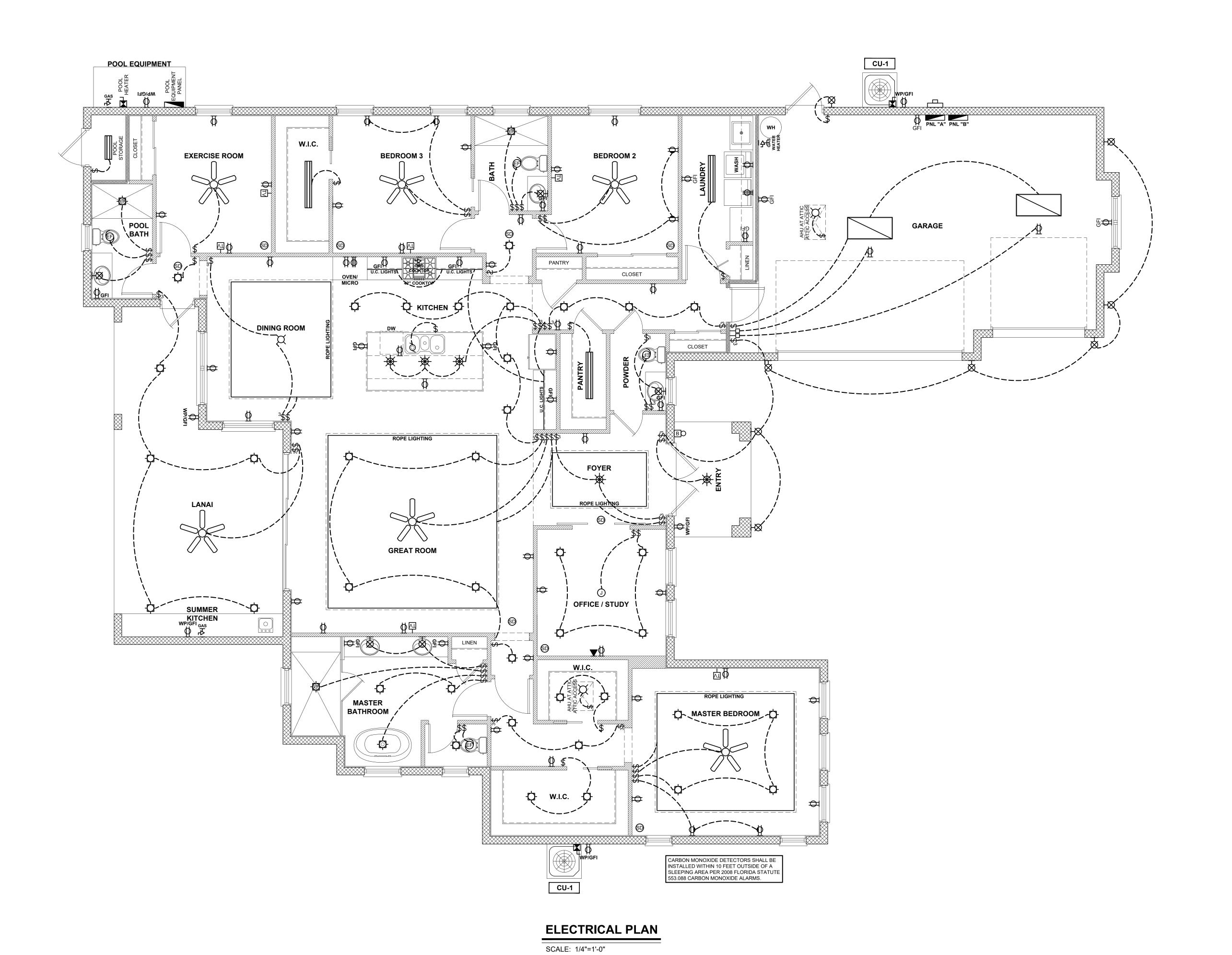


DETAIL FOR FOOTINGS, TIE BEAMS, AND WALLS (TYP.)

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



DESCRIPTION



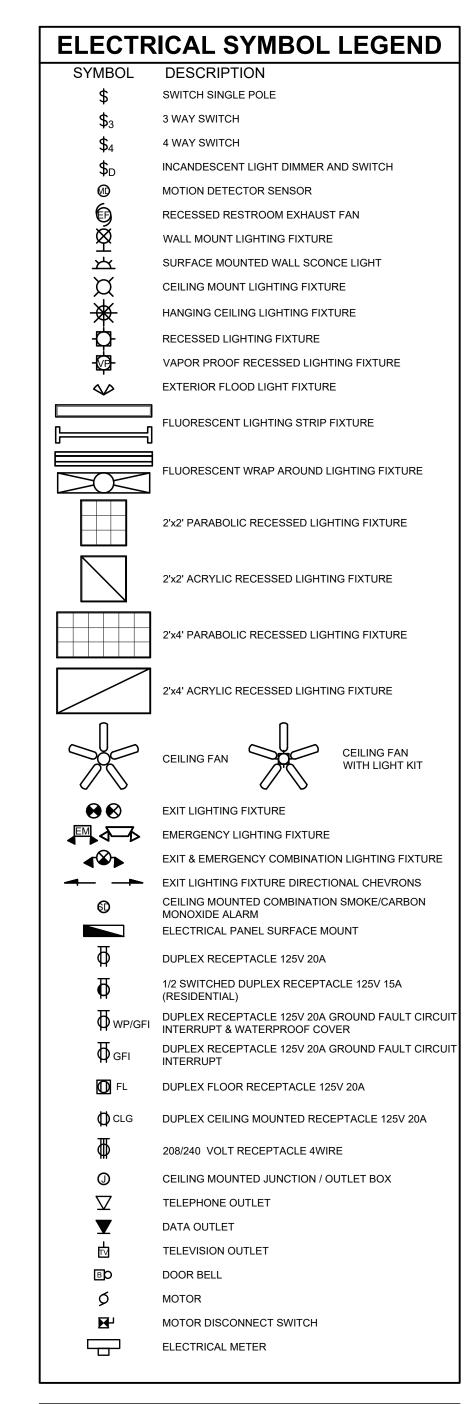


PREMIT AND AS CONSTRUCTION GUIDE AND AS CONS

CRONIN ENGINEERING, INC. CERTIFICATE OF AUTHORIZATION NUMBER: 8597

I CERTIFY THAT THESE PLANS AND SPECIFICATIONS CONFORM TO LOCAL BUILDING CODE REQUIREMENTS

EET No:



IT IS THE INTENT OF THE DESIGNER THAT THE ELECTRICAL SUBCONTRACTOR IS TO BID AND INSTALL ALL ELECTRICAL ITEMS AS REQUIRED PER APPLICABLE ELECTRICAL BUILDING CODES.

- ALL EXTERIOR OUTLETS AND OUTLETS IN KITCHEN, BATHROOMS AND UTILITY TO BE ON GFI CIRCUITS.
- VERIFY POWER HOOK UP LOCATION AND TYPE OF SERVICE (UNDERGROUND OR OVERHEAD) WITH RESPECT TO SUBDIVISION
- ALL SMOKE DETECTORS ARE TO BE HARD WIRED AND INTERCONNECTED WITH BATTERY BACKUP.
- ALL FIXTURES SHALL BE APPROVED BY THE OWNER PRIOR TO PURCHASE AND INSTALLATION.
- ALL 120V, SINGLE PHASE, 15 AND 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN ALL LIVING AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT

	EQUAL TO: SQ. "	D" QO130M200										VC	DLTAG	E: <u>120/240V, 1Ø,</u>	3W
	TYPE: LOAD	CENTER					PANI	EL "A	<u>\"</u>				MAIN	S: <u>200</u>	<u>IA</u>
	MOUNTING: FLUS	<u>H</u>										TYPE	MAIN	S: <u>N</u>	<u>1B</u>
CIR. NO	IDENTIFICATIO	N "A" VA	"B" VA	TRIP AMPS	POLE	WIRE	COND	COND	WIRE	POLE	TRIP AMPS	"A" VA	"B" VA	IDENTIFICATION	CIR. NO
1	* AHU-1 (8 kW)	-		60	2	6	1"	3/4"	8	2	50	-		COOKTOP	2
3	* AHU-1		-	60	-	6	-	-	8	-	50		-	COOKTOP	4
5	* CU-1 (3 TON)	-		30	2	10	1/2"	1/2"	12	1	20	-		1/2 BATH	6
7	* CU-1		-	30	-	10	-	1/2"	10	2	30		-	DRYER	8
9	REFRIGERATOR	-		20	1	12	1/2"	-	10	-	30	-		DRYER	10
11	REFRIGERATOR		-	20	1	12	1/2"	1/2"	12	1	20		-	WASHER	12
13	DISPOSAL	-		20	1	12	1/2"	1/2"	12	1	20	-		LAUNDRY	14
15	KITCHEN RECEPTACL	.ES	-	20	1	12	1/2"	1/2"	12	1	20		-	DISHWASHER	16
17	KITCHEN RECEPTACL	.ES -		20	1	12	1/2"	1/2"	12	1	20	-		GARAGE	18
19	KITCHEN RECEPTACL	.ES	-	20	1	12	1/2"	1/2"	12	1	20		-	GARAGE	20
21	MICROWAVE	-		20	1	12	1/2"	1/2"	12	1	20	-		BATHROOM 1	22
23	** BEDROOM 2		-	15	1	14	1/2"	1/2"	12	1	20		-	BATHROOM 2	24
25	** BEDROOM 3	-		15	1	14	1/2"	1/2"	12	1	20	-		BATHROOM 3	26
27	** EXERCISE ROOM		-	15	1	14	1/2"						-		28
29		-										-			30
	SUB-TOTAL KV	A/Ø			•				•	•				SUB-TOTAL KVA/Ø	

- * VERIFY SIZE OF O.C.P. DEVICE W/ MANUFACTURER, MECHANICAL DRAWINGS AND FIELD VERIFICATION.
- ** INDICATES ARC. FAULT BREAKER. *** VIA TIME SWITCH.

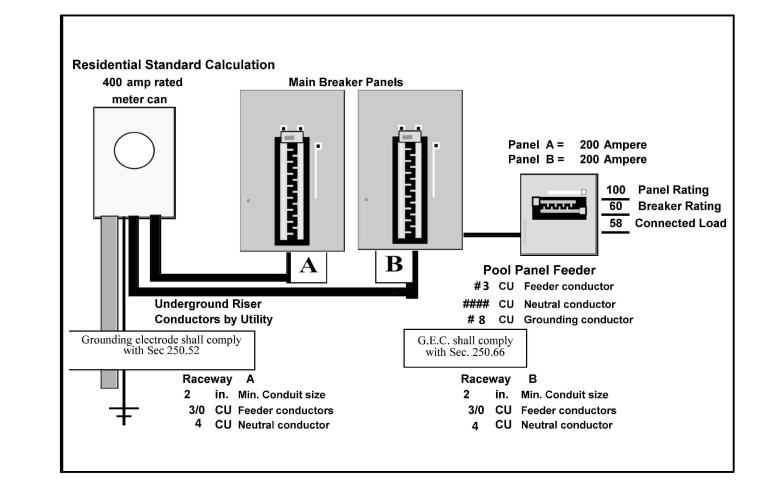
	EQUAL TO: SQ. "D" QO1	30M200										VC	DLTAG	E: <u>120/240V, 16</u>	<u>ð, 3W</u>
	TYPE: LOADCENTE	<u>R</u>	PANEL "B"										MAIN	S: <u>2</u>	00A
	MOUNTING: FLUSH											TYPE	MAIN	S:	<u>MB</u>
CIR. NO	IDENTIFICATION	"A" VA	"B" VA	TRIP AMPS	POLE	WIRE	COND	COND	WIRE	POLE	TRIP AMPS	"A" VA	"B" VA	IDENTIFICATION	CIR NO
1	* AHU-2 (8 kW)	-		60	2	6	1"	1/2"	10	2	30	-		WATER HEATER	2
3	* AHU-2		-	60	-	6	-	-	10	-	30		-	WATER HEATER	4
5	* CU-2 (3 TON)	-		30	2	10	1/2"	1/2"	14	1	15	-		** MASTER BEDROOM	6
7	* CU-2		-	30	-	10	-	1/2"	12	1	20		-	LANAI RECEPTACLES	8
9	MASTER BATH RECEPTACLE	s -		20	1	12	1/2"	1/2"	14	1	15	-		GENERAL LIGHTING	10
11	LIVING ROOM		-	15	1	14	1/2"	1/2"	14	1	15		-	GENERAL LIGHTING	12
13	DINING ROOM	-		15	1	14	1/2"	1/2"	14	1	15	-		GENERAL LIGHTING	14
15	** OFFICE / STUDY		-	15	1	14	1/2"	1/2"	14	1	15		-	GENERAL LIGHTING	16
17		-						1/2"	14	1	15			GENERAL LIGHTING	18
19			-										-		20
21		-										-			22
23			-										-		24
25												-			26
27			-					1"	6	2	60	·	-	POOL PANEL	28
29		-						-	6	-	60	-		POOL PANEL	30
	SUB-TOTAL KVA/Ø				•	•				•				SUB-TOTAL KVA/Ø	

- * VERIFY SIZE OF O.C.P. DEVICE W/ MANUFACTURER, MECHANICAL DRAWINGS AND FIELD VERIFICATION.
- ** INDICATES ARC. FAULT BREAKER. *** VIA TIME SWITCH.

	EQUAL TO:	SQ. "D" QO112	L100GF	<u>RB</u>									VC	DLTAG	E: <u>120/240V, 1Ø, 3V</u>	N	
	TYPE:	LOADCENTER			PANEL "P" POOL									MAIN	S: <u>100A</u>	<u>100A</u>	
	MOUNTING:	SURFACE MOL	<u>JNTED</u>											MAIN	MAIN LUG RAINPROOF		
CIR. NO	IDENTIF	ICATION	"A" VA	"B" VA	TRIP AMPS	POLE	WIRE	COND	COND	WIRE	POLE	TRIP AMPS	"A" VA	"B" VA	IDENTIFICATION	CIR. NO	
1	* POOL HEATER	R #1	-		35	2	8	3/4"	1/2"	12	2	20	-		POOL PUMP #1	2	
3	* POOL HEATER	R #1		-	35	-	8	-	-	12	-	20		-	POOL PUMB #1	4	
5	* BLOWER		-		20	2	12	1/2"	1/2"	20	1	12	-		POOL LIGHTING	6	
7	* BLOWER			-	20	-	12	-						-	SPACE	8	
9	SPACE		-										-		SPACE	10	
11	SPACE			-										-	SPACE	12	
	SUB-TOTA	L KVA/Ø													SUB-TOTAL KVA/Ø		

- * VERIFY SIZE OF O.C.P. DEVICE W/ MANUFACTURER, MECHANICAL DRAWINGS AND FIELD VERIFICATION.
- ** INDICATES ARC. FAULT BREAKER.
- *** VIA TIME SWITCH.

	Residential Standard Ca		9/25/1997		
	by: John Sokolik	Version 7.28			
STEP 1	Article 220.42 & 220.52			JC RO	BALINO, INC.
sq. ft ▼	2796 General Lighting load	8,388 VA		3606 Enterp	rise Ave. Suite 215
	2 Small Appliance	3,000 VA		Naple	s, FL 34104
	 Laundry circuit 	1,500 VA		P. 23	9.228.4840
	Gen.Lgt.,Sm App.& Laun. Load	12,888 VA		6/9/2020 11:56	
		3,000 VA	@ 100%= 3,000 VA		
		9,888 VA	•		
		VA	@ 25% = VA		
0750	A-ti-l- 000 F0 8 000 F4		General Ligi	nting Demand Load	6,461 VA
SIEP 2	Article 220.50 & 220.51				
3 ton ▼	4,700 VA AHU 1 9.6kW	▼ 10,800 VA	Total Heat Load	19,600 VA	
2 ton	3,750 VA AHU 2 8kW	₹ 8,800 VA	Total CU Load	8,450 VA	
A/C #3 ▼	VA AHU 3 Select	▼ VA	Greater of Heat @ 100	% vs.A/C @ 100%	19,600 VA
A/C #4	VA AHU 4 Select	▼ VA			
A/C #5 ▼	VA AHU 5 Select	▼ VA			
Management No.	STEP 3 Article 220.53		Applianc	e Demand Load	21,243 VA
4,500 VA 🔻		4,500 VA	Тфриши		21,210 171
1,400 VA 🔻	1 Refrigerator	1,400 VA	Dryer I	Demand Load	5,000 VA
600 VA ▼	Freezer	1,400 VA	D. yei i		0,000 FA
1.030 VA ▼	1 Dishwasher	1,030 VA	Pango	Demand Load	7,735 VA
		•	Range	Demand Load	1,133 VA
239/11/1	1	690 VA	Cami	as Damand	CO 020 VA
780 VA 🔻		VA	Servi	ce Demand	60,038 VA
1,630 VA ▼	• •	1,630 VA			
	Central Vac	VA		Demand Load	250 A
340 VA	0 Mini Refrigerator	VA			
□ 400 VA ▼	1 Range hood	400 VA		Neutral Demand	79 A
□ 540 VA ▼	0 Wine Cooler	VA			
1,500 VA	Ironing Center	VA		Min.Service Req.	300 A
	select ▼ Jacuzzi Tub	VA			
	select Sprinkler Pump	VA		Min. Feeder size	4/0
	select ▼ Well Pump	VA		Min. Neutral size	4
	select Fountain Pump	VA		Eq. Grding Cond.	4
	select ▼ Elevator	VA			Copper
	Pool Equip. Panel	14,005 VA	100% Demand		u-28 · ·
	 U.C. Ice Maker 	VA	No Demand		
		VA		Appliance Load 23,655	
	CTED 4 Anti-L- 000 54		4 or more demand @ 75% p	lus 100% demand loads	21,243 VA
	STEP 4 Article 220.54				
	Electric Clothes Dryers STEP 5 Article 220.55	5,000 VA			
Number of a	•	N Col C dema 0	and W		
Number of a	ppliances	Cooktop	9 200 W Col P domand		
	Charle Poy for Con Pop	Cooktop	8,200 W Col B demand Col B demand		
	Check Box for Gas Range	•			
		Oven(s)	3,700 W Col B demand		
	Number of one	Oven(s)	Col B demand	/	
	Number of app		2 Dem. Factor 65% ven Demand Load 7,735 V		
		COOKIOP & C	7,733 V	•	jmp1jds@earthlink.net
	>>>>>>>>>>	>>>>>>>	>>>>>	<<<<<<<	
	Pool Panel Feeder Calculation	(See Note)	A B N	Continuous	Non-continuous
	•	.0	920 920	0 Motors	Motors
	Non-continuous	<u>o</u>	0 0	0 1 hp ▼ 🔲 1240v	
	Spa heater 11 kVA	0	0 0	select ▼ □ 240v	select ▼ ☐ 240
	Pool heater 3.5 ton	<u> </u>	0 0	select ▼ □ 240v	select ▼ □ 240
	Pool heater 5 ton	1	5063 5063	select ▼ □ 240v	0.00
		J	100 100 10		
	Pool Light 200		1001 1001 10	J 3616CE 7 1 240V	240
			920 920	∩ I	
	Blower 1 hp ▼ 184	0 240v	000	0	Motor Neutral Load
	Blower 1 hp ▼ 184 Boat Lift 0	0 240v 0 240v		0 0 0	Motor Neutral Load
	Blower 1 hp ▼ 184 Boat Lift 0	0 240v	0 0	<u> </u>	





CRONIN ENGINEERING, INC. CERTIFICATE OF AUTHORIZATION NUMBER: 8597