

**NICHOLAS
DALE
PAER
GERBLER
ARCHITECT**

1738 W. 10th Street, Ste.
1000, W. 10th & N. 24th
■ 405.434.1100 ■ www.nicholasdaledale.com

**CELEBRATING
47 Years of Service**

1972 - 2019
N.E. Greenlee Architects

DALE

DATE: 11 NOV 2016
COWB: 2K1983
INVEST: CS.1
1 of 1



Electrical SYMBOLS

POWER

- ⊕ DUPLEX WALL RECEPTACLE
- ⊕ DUPLEX WALL RECEPT. BELOW COUNTER
- ⊕ 240V OUTLET
- ⊕ GND-FAULT INTERRUPTER DUPLEX RECEPT.
- ⊕ WEATHER PROOF GFI DUPLEX RECEPT.
- ⊕ MOTOR (SP - SUBVERSIBLE PUMP)
- ⊕ ELECTRICAL PANEL
- ⊕ ELECTRICAL PANEL
- ⊕ EXHAUST FAN
- ⊕ SMOKE DETECTOR, DIV.
- ⊕ NON-FUSED DISC. SWITCH
- ⊕ CHYE
- ⊕ MOMENTARY PUSHBUTTON SWITCH LIGHTED

LIGHTING

- ⊕ SPST WALL SWITCH
- ⊕ DPDT WALL SWITCH (3-WAY)
- ⊕ INC. CHANDLIER, 600W
- ⊕ CEILING FAN w/ INC. LIGHT FIXTURE
- ⊕ 2 LAMP RLL PROTRUSIVE WRAP SURFACE FIXTURE
- ⊕ INC. LIGHT FIXTURE
- ⊕ VAPOR PROOF INC. LIGHT FIXTURE
- ⊕ DBL. LAMP INC. FLOOD LIGHT
- ⊕ SWITCHING WIRING
- ⊕ CONTROL WIRE / LOW VOLTAGE

ELECTRICAL COMPUTATIONS

General Lighting/Receptacles 4 3/4x1	8750.0u
2500.4 at 4 3/4 x 1	8000.0u
Washer Circuit	8000.0u
Dishwasher Circuit	8000.0u
Sm. Appliance Circuits (3 x 1500u)	4500.0u
Sub-Total	30000.0u
at 3% x 100%	3000.0u
Sub-Total	33000.0u
Fixed Appliances:	
Refrigerator	1500.0u
Dig. Fans (6 x 400u)	2400.0u
BAU	4500.0u
Spares (8 x 400u)	3200.0u
Sub-Total	11600.0u
Load x 75% D.F.	8700.0u
100% Demand Factor Loads:	
Dryer	5000.0u
Range	5000.0u
HVAC System (35T Heat Pump)	3500.0u
Total Demand Load:	5300.0u
FEEDER SIZE: 33000u / 240v = 137.5 ampere	
USE: 3 #10 THW w/ 1 # 0u GND / 21" C.	

PANEL SCHEDULE

Ch. No.	Location	Trap	Wire Size	Load
1-8	Lighting/Recept.	BAU/P	14N1	8750u
9	Dishwasher	BAU/P	14N1	8000u
10-11	Sm. Kch. Appliances	BAU/P	14N1	4500u
12-14	Ceiling Fans	BAU/P	14N1	2400u
15	Washing Machine	BAU/P	14N1	8000u
16	Spares	BAU/P	14N1	4000u
17-19	BAU	BAU/P	14N1	4500u
20-21	Range	BAU/P	14N1	5000u
22-23	Dryer	BAU/P	14N1	5000u
24	HVAC CU	BAU/P	14N1	3500u
25-27	HVAC AHU	BAU/P	14N1	4500u
28-33	Spares	BAU/P	14N1	2400u
34-40	Spares	BAU/P	14N1	4000u
TOTAL CONNECTED LOAD:				40750u

ELECTRICAL PLAN NOTES

INSTALLATION SHALL BE PER 2008 NATL. ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

ALL SMOKE DETECTORS SHALL BE DIV. 1 BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL, NISIDE AND NEAR ALL BEDROOMS.

PROVIDE 1 INSTALL CARBON MONOXIDE DETECTORS IN ALL BEDROOMS. # 1" ABV. FIN. PL. INTERLOCKED TOGETHER.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS. # N ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

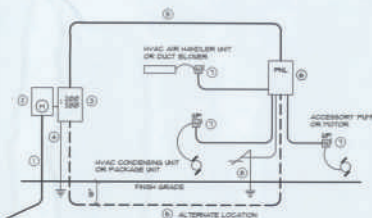
ALL RECEPTICALS, NOT OTHERWISE DESIGNATED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DESIGNATED OUTLETS.

ALL RECEPTICALS IN KITCHEN AND BATH SHALL BE GROUND-FAULT INTERRUPTER TYPE (GFI).

ALL EXTERIOR RECEPTICALS SHALL BE WEATHER-PROOF GROUND-FAULT INTERRUPTER TYPE (WGF).

ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDING TO THE ELEC. PLAN, RIBER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL OUTS IDENTIFIED W/ OUT N. DESCRIPTION & BIRK. SERVICE BNT. # ALL UNDERGROUND WIRE LOCATIONS, NOTING DEPTH, RIBER DIA. SHALL INCLUDE WIRE SIZES, TYPE & EQUIPMENT TYPE W/ RIBER DIA. & LOADS.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWING TO OWNER & 1 COPY TO THE PERMITTING AUTHORITY.

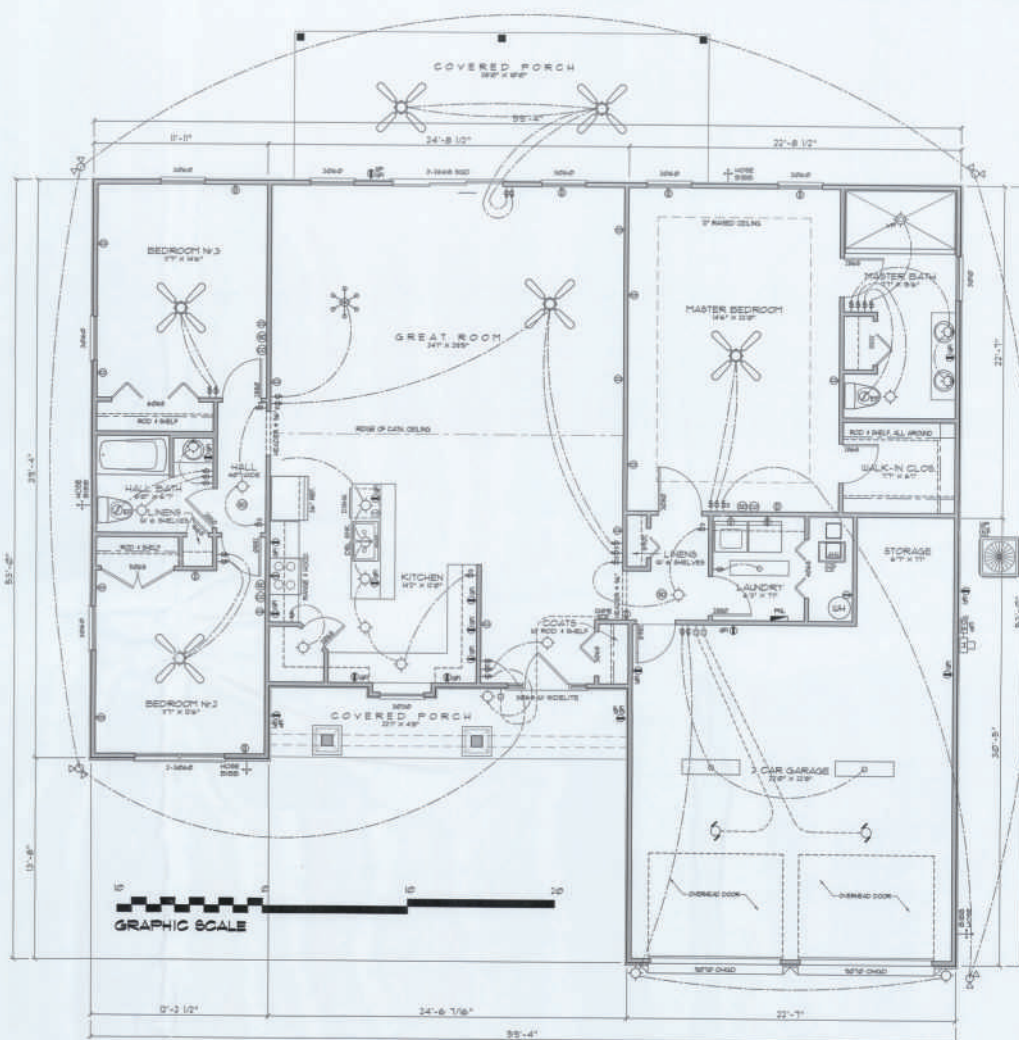


- 1 Service/Feeder Entrance Conductors: 21" rigid conduit, 3" deep, w/ continuous ground bonding conductor. Service Entrance Conductors shall not be spliced except in the Service Entrance and shall be sized per Table 310.15(B)(16).
- 2 Meter Enclosure, weatherproof UL Listed.
- 3 Meter Disconnect Switch, fused at 100 AMP, weatherproof UL Listed.
- 4 Service entrance Ground: 1" x 1/2" rod w/ 6-12" long metal electrode attached to the main bonding terminal. Grounding conductor shall be bonded to the main bonding terminal of the Service Entrance. and shall be sized per Table 310.15(B)(16).
- 5 100 AMP SERVICE: 3-1/2" x 1/2" CU 1/4" CU-GND 3" Conduit.
- 6 House Panel (PML) CU, Listed, rated per schedule.
- 7 Equipment Disconnect Switch, non-fused, w/ weatherproof enclosure, rated according to Panel Schedule loads.
- 8 Protective Ground Bond Wire to meter, using size in accordance with the Service Entrance Conductor.

NOTE:
THE MINIMUM AIC RATING FOR PANEL, DISCS, BREAKERS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RIBER DIAGRAM: 200A

SCALE: NONE



GRAPHIC SCALE

FLOOR PLAN

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

GENERAL INTERIOR FINISH SCHEDULE:

FLOOR AREA:	CARPET AND PAD: PATTERN & COLOR AS PER THE OWNER OR LANTHAR STIMP MOOD - SEE OWNER FOR CHANGES.	WALLS:	1" GAB. PRIME AND PAINTED 2 COATS LATEX WALL PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER.
RESTROOM FLOOR:	TARGET CERAMIC TILE OR NATURAL STONE, PAT. & COLOR AS SELECTED BY THE OWNER.	MAIN CEILING:	5/8" GAB. DIRECT HANG, TAPED & FINISHED, W/ 2 COATS OF LATEX CEILING PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER.
BASE:	TRIM AS PER DETAIL ON A3, COLOR AS SELECTED BY THE OWNER OR CERAMIC TILE OR STONE - MATCH WITH FLOORING.	APPLIED FINISHES:	APPLIED FINISHES TO GAB. IS: SPRAY, KNOC-K-DOON, KIP-TRUOL, AND SIMILAR TREATMENTS AS DIRECTED BY THE OWNER.
TRIM:	COVER, CROWN, CASINGS, CHAIRS, AND THE LIKE, AS PER DETAIL ON A3, STAIN & VARNISH OR PAINT COLOR AS SELECTED BY THE OWNER.	CABINETS:	AS SELECTED BY THE OWNER, MINIMUM 4" GAB. "CUSTOM" - ALL COUNTERTOPS SHALL BE AS SELECTED BY THE OWNER.

REVISION

DATE

1798

CUSTOM RESIDENTIAL DESIGN FOR
CASTAGNA CONSTRUCTION
MARION PLACE - LAKE CITY, FLORIDA
FLOOR PLAN

1797-2019
N.E. CONSTRUCTION

NICHOLAS
GENERAL
ARCHITECT

DATE

11 NOV 2016

COM

2K1983

REVISION

A2

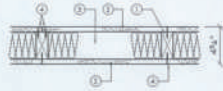
2 of 9



FIELD "AS-BUILT" NOTES

Design No. U333

Bearing Wall Raising - 1st.
Finish Rating - 12' Fin.



1. Steel Reinforcement 2 by 4 in. spaced 16 in. O.C. effectively cross-braced.
2. Gypsum Wallboard - 5/8 in. thick, 4 ft. wide, applied either vertically or horizontally, screws attached to studs and plates with 1 1/4 in. long Type # steel screws, spaced 8 in. O.C.

Consider Gypsum Co. Ltd.-Type C
Georgia-Pacific Corp. Gypsum Div.-Type GPPS-C
United States Gypsum Co.-Type C or R-12.

3. Joints and Stakes - (Optional) Mineral wool insulation, partially or completely filling stud cavity.

USG Interior Inc.
United States Gypsum Co.

4. Joints and Nailheads - Gypsum joints covered with paper tape and joint compound. Screwheads covered with joint compound.

Clearing the U.S. Classification Marking

AREA CALCULATION

GROSS FLOOR AREA:	2830.4 SF
GARAGE AREA:	570.1 SF
COVERED ENTRY PORCH AREA:	118.6 SF
COVERED REAR PORCH AREA:	288.1 SF

TOTAL AREA: 2830.4 SF

TEMPERED GLASS NOTES:

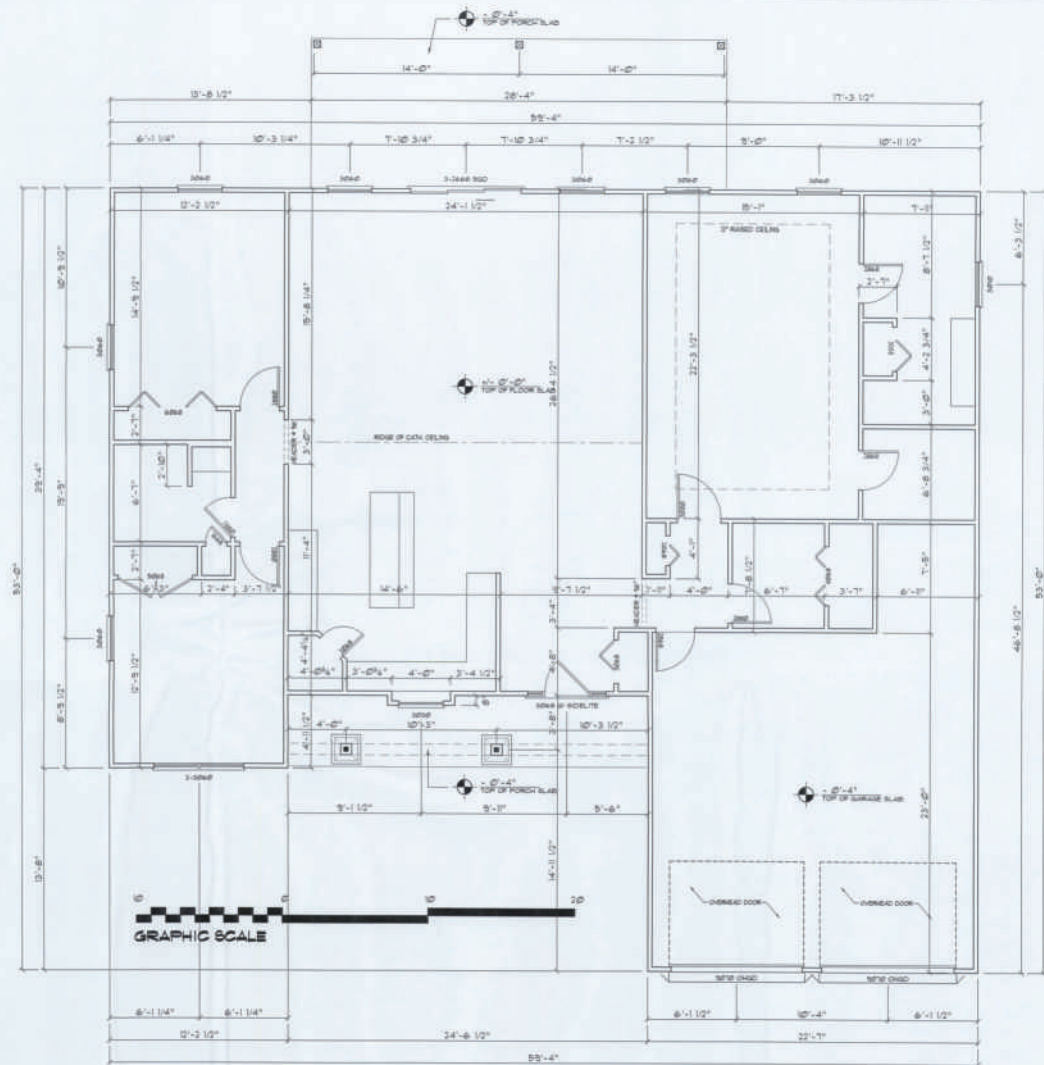
THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:

1. GLAZING IN BATHING DOORS AND FIXED AND SLIDING PANELS OF SLIDING (PATIO) DOOR ASSEMBLIES.
2. GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, SWIMMING POOLS, SAUNAS, STEAM ROOMS, BATHUSES, SHOWERS AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS MEASURED HORIZONTALLY FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSURE AND WHERE THE BOTTOM EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM) MEASURED VERTICALLY ABOVE SUCH STANDING OR WALKING SURFACES.

3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 34-INCH (863 MM) RADIUS OF THE DOOR IN A CLOSED POSITION AND WHERE BOTTOM EDGE IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.

EXCEPTION: GLAZING IN WALLS PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION IN GROUP RD OR UTAN DUBLING UNITS IN GROUP RE SHALL BE SUBJECT TO 2004 IFCC 3400.2.4.1.

4. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 1 AND 3 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - a1. EXPOSED AREA OF AN INDIVIDUAL PANEL GREATER THAN 1.50 FT² (1394 MM²).
 - a2. BOTTOM EDGE LESS THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
 - a3. TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
 - a4. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING.



DIMENSION PLAN

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

NOTE:
ALL INTERIOR PARTITION WALLS ARE 3/8" THICK, UNLESS NOTED OTHERWISE.

NOTE:
ALL EXTERIOR WALLS ARE 2X4 STUDS @ 12" THICK, CDX PLYWOOD SHEATHING (4")

NOTE:
CABINETS, COUNTERS, SHELVES AND THE LIKE SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL HULLWORK NOTES" AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE:
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1"-0" AFF.

REVISION

DATE

11/10/2016

DESIGN

11/10/2016

CUSTOM RESIDENTIAL DESIGN FOR
CASTAGNA CONSTRUCTION
MARION PLACE - LAKE CITY, FLORIDA
DIMENSION PLAN

CONSTRUCTION
4-11-17
11/10/2016
11/10/2016

N3
NICHOLAS
PAUL
ARCHITECT
ARCHITECT

DATE

11 NOV 2016

COMB

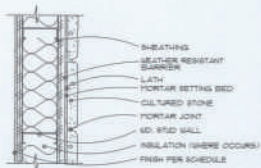
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SHEET

A3

3 of 9



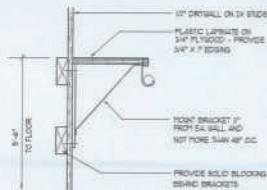


INSTALLATION OVER SHEATHING

CULTURED STONE DET.

SCALE: NONE

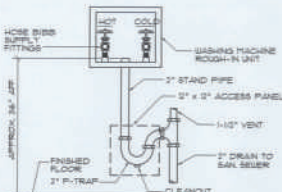
A



Closet Rod & Shelf Detail

SCALE: NONE

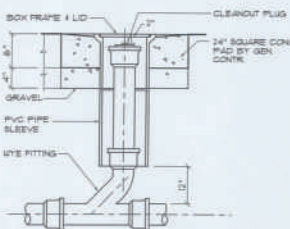
B



Washing Machine DET.

N.T.S.

C



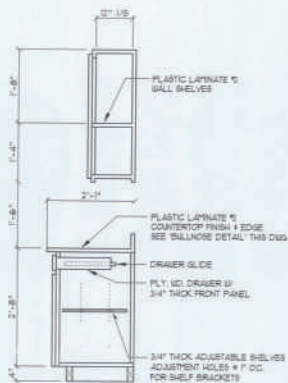
Outdoor Cleanout DETAIL

N.T.S.

D

NOTE:
THESE CABINET DET'S ARE GENERAL IN NATURE & PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

NOTE:
PROVIDE 2X8 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0\"/>



Base & O/H Cab.

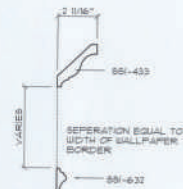
SCALE: 3/4\"/>

NOTE:
CABINETS, COUNTERTOPS, SHELVES AND THE LIKE SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED 'GENERAL MILLWORK NOTES' AND SHALL INCLUDE SUCH FEATURES, HARDWARES AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL INFORMATION ONLY. THE EXACT LOCATION AND EXTENT OF THE WORK, UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLAN, AND/OR ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

Typ. Cabinet DET'S

SCALE: 3/4\"/>

E



T1 TRIM

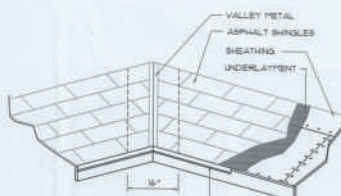
T2 TRIM

NOTE 111:
ALL PROFILES AS PER 845 CRAFTSMAN, INC., TAMPA, FLORIDA. TRIM WOOD SPECIES SHALL BE 'POPULAR'.

Wall/Ceiling Trim DETAIL

SCALE: 3\"/>

ALTERNATE #2:
FOR TRIM TYPE 11, 12 DENTAL MOLDING MAY BE INSERTED BETWEEN 851-456 AND 851-3349.



VALLEY FLASHING

ROOFING METALS FOR FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (IN)	GAGE	WEIGHT (CSF)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	36-7ZNC COATED ONE!	
ZINC ALLOY LEAD PAINTED TERNE	0.017		42 28

Roofing/Flashing DET'S

SCALE: NONE

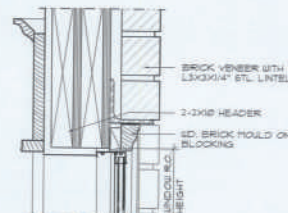
G2



Int. Wall Trim DETAIL

SCALE: 1/2\"/>

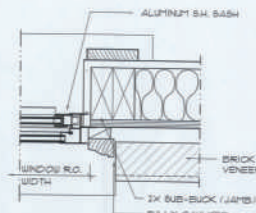
J



HEAD DETAIL

MTL. SASH

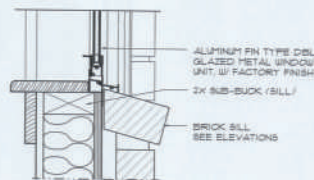
1



JAMB DETAIL

WOOD SASH

2



SILL DETAIL

WOOD SASH

3

Typical Window DET'S

SCALE: 3\"/>

H

REVISION

DATE: 11 NOV 2016
DRAWN: 2K/983

CUSTOM RESIDENTIAL DESIGN FOR:
CASTAGNA CONSTRUCTION
MARION PLACE - LAKE CITY, FLORIDA
ARCHITECTURAL DETAILS

11 NOV 2016
2K/983

NO. 2
NICHOLAS GEBLER
ARCHITECT
ALL RIGHTS RESERVED

DATE: 11 NOV 2016
CONTR: 2K/983

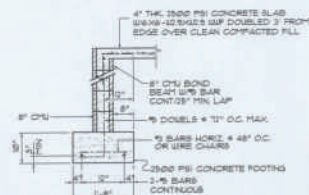
SHEET: 4.4
4 of 9



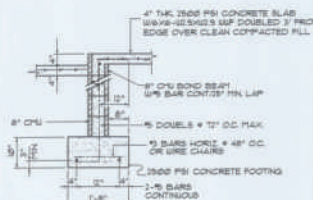
- DESIGN SOIL BEARING PRESSURE, 1000 PSF
- EXPANSIVE SOILS: WHEN DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE CONDUCTED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING G.O. SHALL BE PLACED IN 9" LIFTS. BOTH SUB-SOIL AND FILL COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS MEASURED BY A MOISTURE PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF FOR EACH 9" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
- WELDED JOINTS USED FOR REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A572 - MIN. YIELD STRENGTH = 50 KSI
- CONCRETE SHALL BE STANDARD MIX F'c = 2800 PSI FOR ALL F'20S, SLAB, BEAMS, AND WALLS. CONCRETE SHALL BE PLACED AT 9000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. FINISHING AND FINISHING SHALL BE AS PER A.C.I. STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'n = 500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36. STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 3 OR A325, AS PER THE DESIGNER'S PRESCRIPTION.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

EXTERIOR WALL SHEATHING:
APPLY VERTICALLY, "WADSTON" 1/2" OSB 48" X 97", 329' ST OR 1/2" OSB SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS @ 3' O.C. OR 6d RING SHANK NAILS @ 4' O.C. FASTEN TO EACH STUD WITH EITHER 6d RING SHANK NAILS @ 8" O.C. OR 6d R.S. NAILS @ 8" O.C.

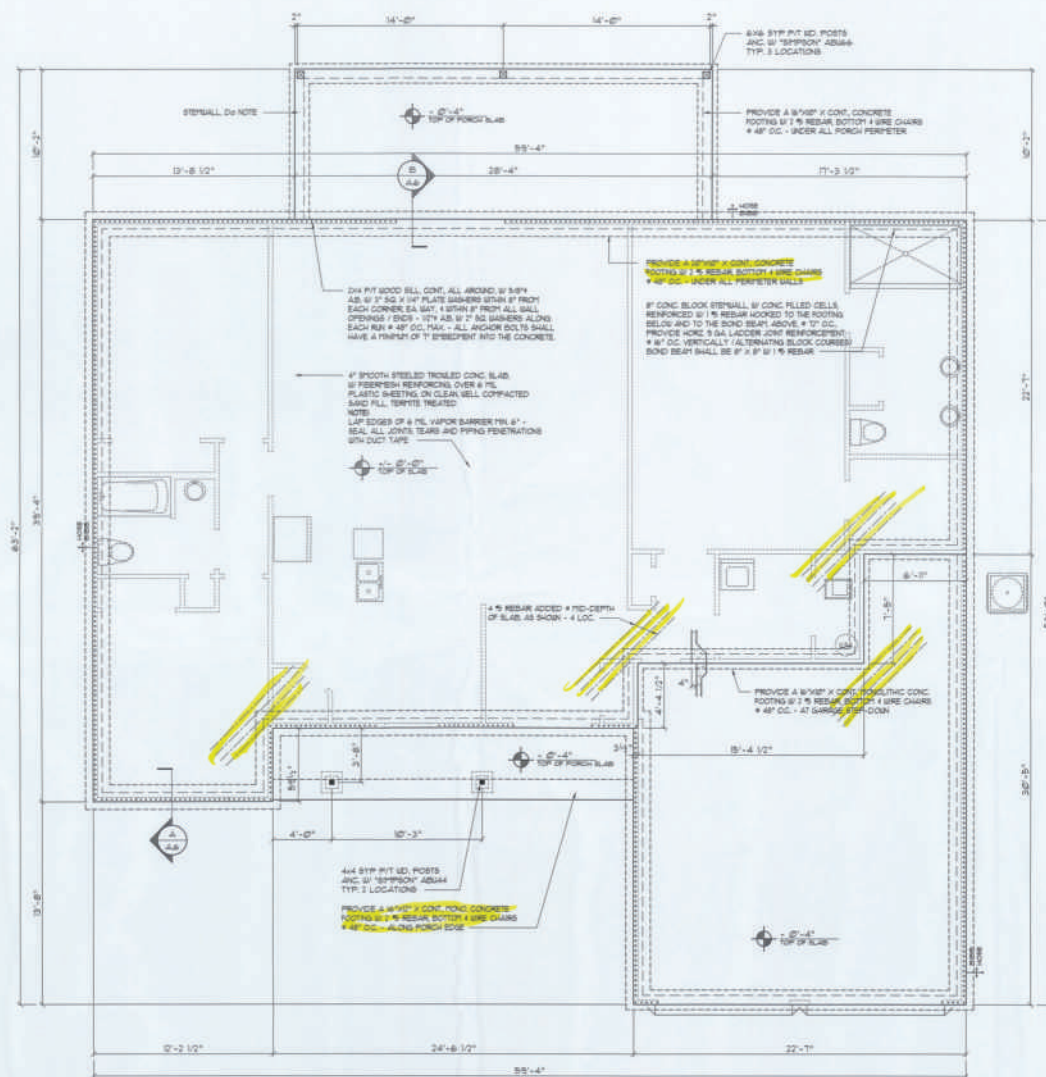
NOTE:
ADDED FILL SHALL BE APPLIED IN 6" LIFTS -
EACH LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.



SECTION _____ (A)



SECTION _____ (B)
SCALE: NONE



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

XXXXXXXXXX SHEAR WALL SEGMENTS, SEE A6
(ALL EXT. WALLS, LESS DOOR OPENINGS)

NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2017 FBC 6-09
AND LOCAL JURISDICTION REQUIREMENTS.

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL PLUMBING WORK INCLUDING ALL
PLUMBING LINE LOCATIONS AND RISER DIAGRAM. CONTR.
SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER AND
1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
HVAC CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL HVAC WORK, INCLUDING ALL
DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING
REPORT - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DRAWG.
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 40 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL HAVE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

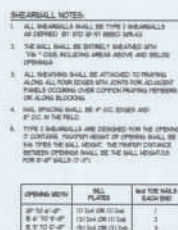
- FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL
INTERNAL DIMENSIONS ARE TO FACE OF FOUNDATION.
- ALL WALLS CONSTRUCTION MATERIALS SHALL
BE AS PER SPEC.
- PROVIDE EXTENSION CONCRETE ANCHOR TO GRS PAVED
ROAD SURFACE. MOAT BURNING STOPS AND
PREPLACES.
- VENT CLOTHES DRYER, BATH AND COOKING FANS TO
TERMINAL.
- CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER,
ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATION
BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN
QUESTION.
- ROOF A FLOOR TRUSS BRACING SHALL BE AS PER FOUNDATION
SPECIFICATION. ONLY USE TRUSS FABRICATORS SHALL
INSTALL AND BRACE TRUSSES. PROVIDE PROTECTED
TIE-BARS.
- ALL CONNECTIONS AT JOINTS AND ROADS:
MATERIALS DIFFERENT FROM THOSE INDICATED BY THE
DESIGNER SHALL BE APPROVED BY THE DESIGNER.
USUALLY INHERENT IN THE WORK OF THE CHARACTER
OF THE MATERIALS. THE DESIGNER SHALL BE
NOTIFIED BEFORE PROCEEDING WITH THE WORK.
RECOGNIZED BUILDING PROCEDURES SHALL PREPARE
CONSTRUCTION AND CONFORM TO THE PROCESSING.
- L.P. GAS-BURNING APPLIANCES ARE NOT PERMITTED
IN BASEMENTS OR CRAWLSPACES.
- DO NOT SCALE DIMENSIONS. USE PRINTED DIMENSIONS.



SCALE: 1/2" = 1'-0"

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

SCALE: AS NOTED



SCALE: NONE

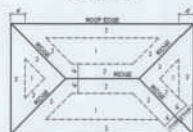
Garage End Wall DETAILS

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

ROOF SWEATING FASTENINGS			
NAILING ZONE	SWEATING TYPE	FASTENER	SPACING
1	1½" x 2-1/2" (or 2" x 2" 220)	6d COPPER OR 6d HOT DIPPED GALVANIZED STEEL NAILS	4" o.c. EDGE 8" o.c. FIELD
2		4" o.c. EDGE 8" o.c. FIELD	
3		4" o.c. x 6" o.c. 220	



ROOF SHEATHING NAILING

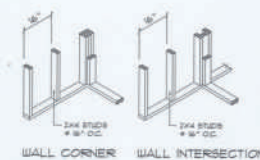


ROOF SHEATHING NAILING ZONES
(W/IF ROOF)

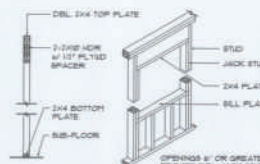
Roof Nail
Pattern DET.

SCALE: NONE

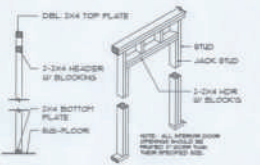
HEADER SPANS FOR EXTERIOR BEARING WALLS					
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)			
		20'	28'	36'	
		SPAN * JACKS	SPAN * JACKS	SPAN * JACKS	
ROOF, CEILING	2-2x4	1'-6"	1'-2"	1'-0"	
	2-2x6	1'-8"	1'-6"	1'-2"	
	2-2x8	1'-10"	1'-8"	1'-4"	
	2-2x10	1'-6"	1'-0"	1'-0"	
	2-2x12	1'-8"	1'-0"	1'-0"	
	2-2x12	2'-0"	1'-4"	1'-0"	
	2-2x12	2'-0"	1'-4"	1'-0"	
	2-2x12	2'-0"	1'-4"	1'-0"	
	2-2x12	2'-0"	1'-4"	1'-0"	
	2-2x12	2'-0"	1'-4"	1'-0"	



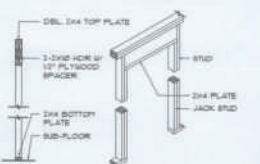
WALL CORNER WALL INTERSECTION



TYPICAL WINDOW HEADERS



NON-BEARING WALL HEADER

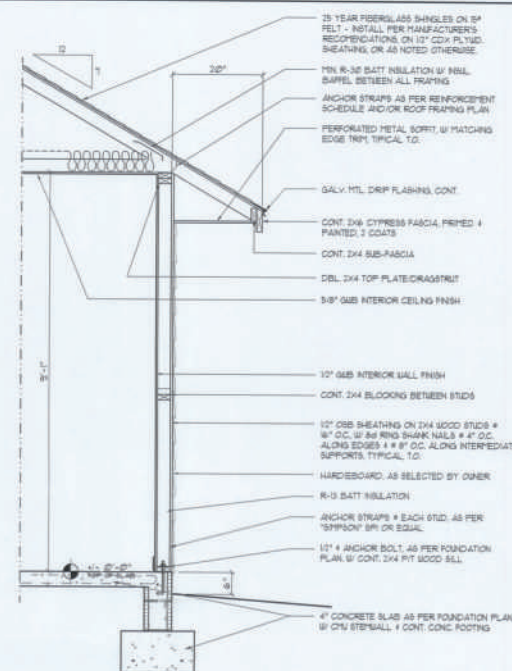


BEARING WALL HEADERS

Wall Framing

Wall Framing

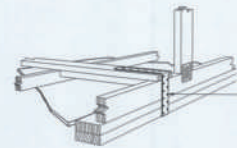
Header DET



Typical Wall SECTION

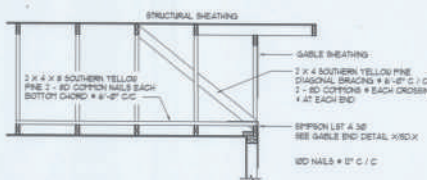
SCALE: 3/4" = 1'-0"

EXTENSION WALL SHEATHING



GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE



END WALL BRACING FOR
CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON BRACING)

NOTE: ALL WOOD TO BE NUMBER 1 GRADE SOUTHERN YELLOW PINE

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER	CAP.
TRUSS TO WALL	BIPROSON 1024	780P
GRINDER TRUSS TO POST/HEADER	BIPROSON LOT. W/ 28" x 164" NAILS	788P
HEADER TO KING STUD(S)	BIPROSON 9723	1310P
PLATE TO STUD	BIPROSON 972	1064P
STUD TO BILL	BIPROSON 971	805P
PORCH BEAM TO POST	BIPROSON PC66/SPC66	7500P
PORCH POST TO FND.	BIPROSON J8566	7300P
MISC. JOINTS	BIPROSON A34	3184/424P

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH BIPROSON A34 FRAMING ANCHORS, TYPICAL TO.

NOTE:
BIPROSON PRODUCT APPROVALS:
FLORIDA COUNTY REPORT #ST-210725, #SB-128.1, #PS-0823.04
SBCCI NER-443, NER-193

SHOP DRG CONSTRUCTION: THE TRUSS ANCHOR SCHEDULE IS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED PRINTS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS.
THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWING MAY BE INCREASED TO PROVIDE PROTECT UPLIFT RESISTANCE FOR COMPARABLE UPLIFT CONNECTIONS AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE UPLIFT LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWING. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR SCHEDULE IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 500 LBS OR GREATER.
TRUSSES BEARING ON INTERIOR PARTITIONS UNDER UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OR EQUAL OR GREATER LOAD CAPACITY TIED TO THAT INDICATED BY THE TRUSS SHOP DRAWING. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

GENERAL TRUSS NOTES:

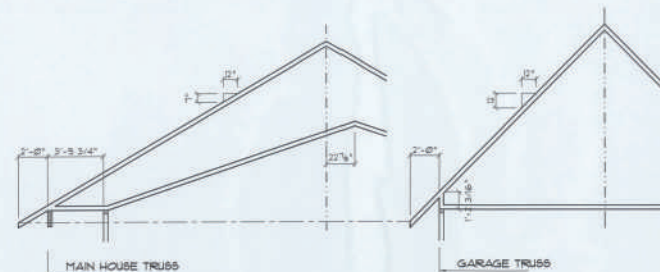
- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FOREST PRODUCTS ASSOCIATION MANUAL FOR TRUSSES RATED LUMBER AND ITS CONNECTIONS. LATEST EDITION, ALONG WITH THE TRUSS PLATE MANUFACTURER'S GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN PLACEMENT PLANS, DETS. & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND UPLIFT REQUIREMENTS OF TRUSSES OR GRINDERS. THE CONTRACTOR SHALL HAVE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS PROVIDED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

NOTE:
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING FLUTES OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO UPLIFT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE.

NOTE:
ALL UPLIFT CONNECTIONS SHALL BE FIELD ADJUSTED TO MATCH OR EXCEED THE DEVELOPED LOADS PER ENGINEERED TRUSS SHOP DRAWINGS.

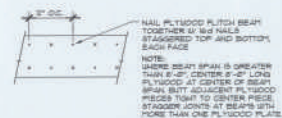
WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE LINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN #2 1/4" x 16" OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.



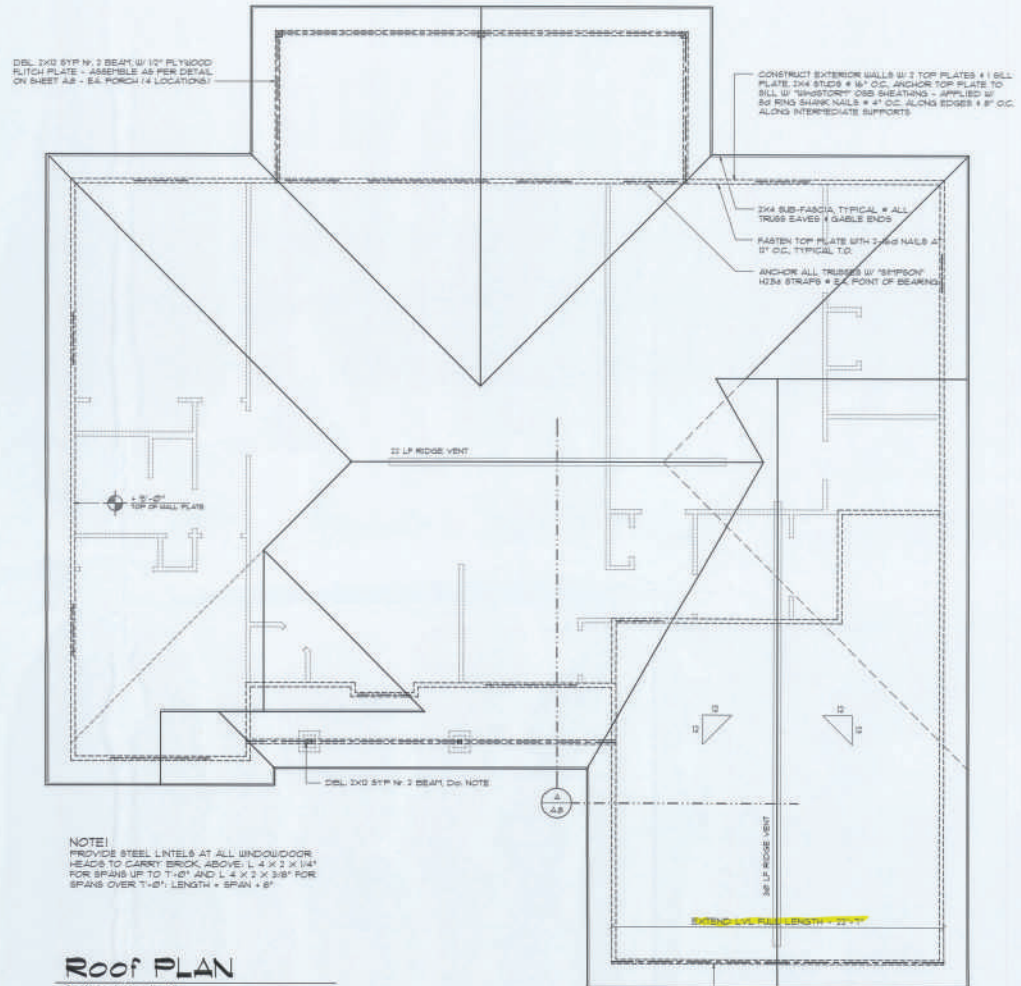
Truss DETAIL

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



B/U Beam DETAILS

SCALE: NONE



Roof PLAN

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

NOTE:
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO FRAMING W/ 8d RING SHANK NAILS - AS PER DETAIL N ON SHEET A1.

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 90 MPH PER 2017 FBC 1609, AND LOCAL JURISDICTION REQUIREMENTS.

NOTE:
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET A1 FOR ALL WINDOW/DOOR HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X12.

ROOF PLAN NOTES

- ALL ROOF PITCH & 8-1/2" / 12" UNO.
- ALL OVERLAP 14" UNLESS OTHERWISE NOTED.
- PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON A8.
- MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR.

REVISION

DATE

11/17/2019

CUSTOM RESIDENTIAL DESIGN FOR:
CASTAGNA CONSTRUCTION
MARION PLACE - LAKE CITY, FLORIDA
ROOF PLAN

47 Years of Service
1972-2019
ARCHITECT

23
NICHOLAS PAUL
CHESLER
ARCHITECT
AIA #100000000

DATE

11 NOV 2019

COMM

2K1983

SHEET

A8

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