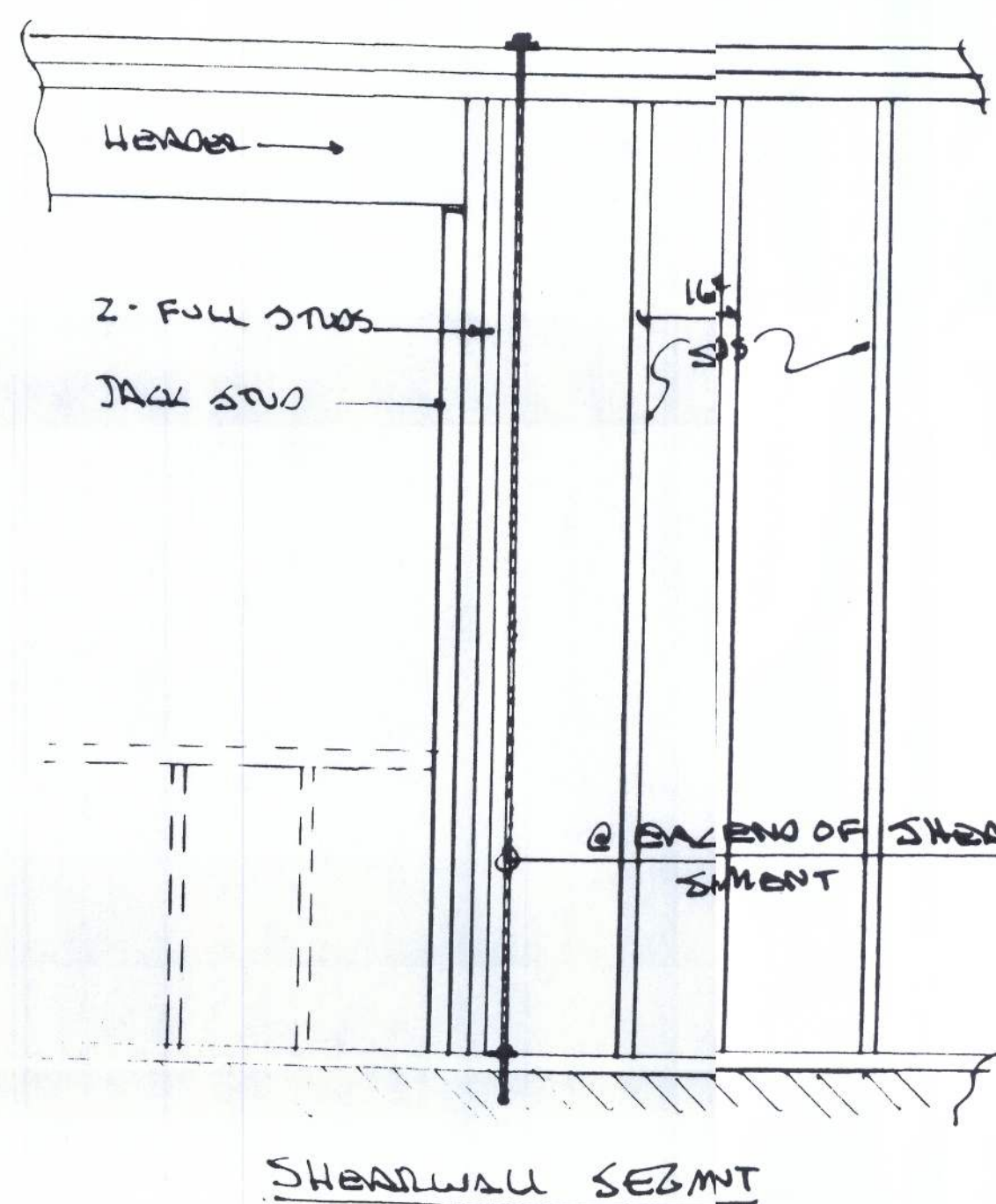


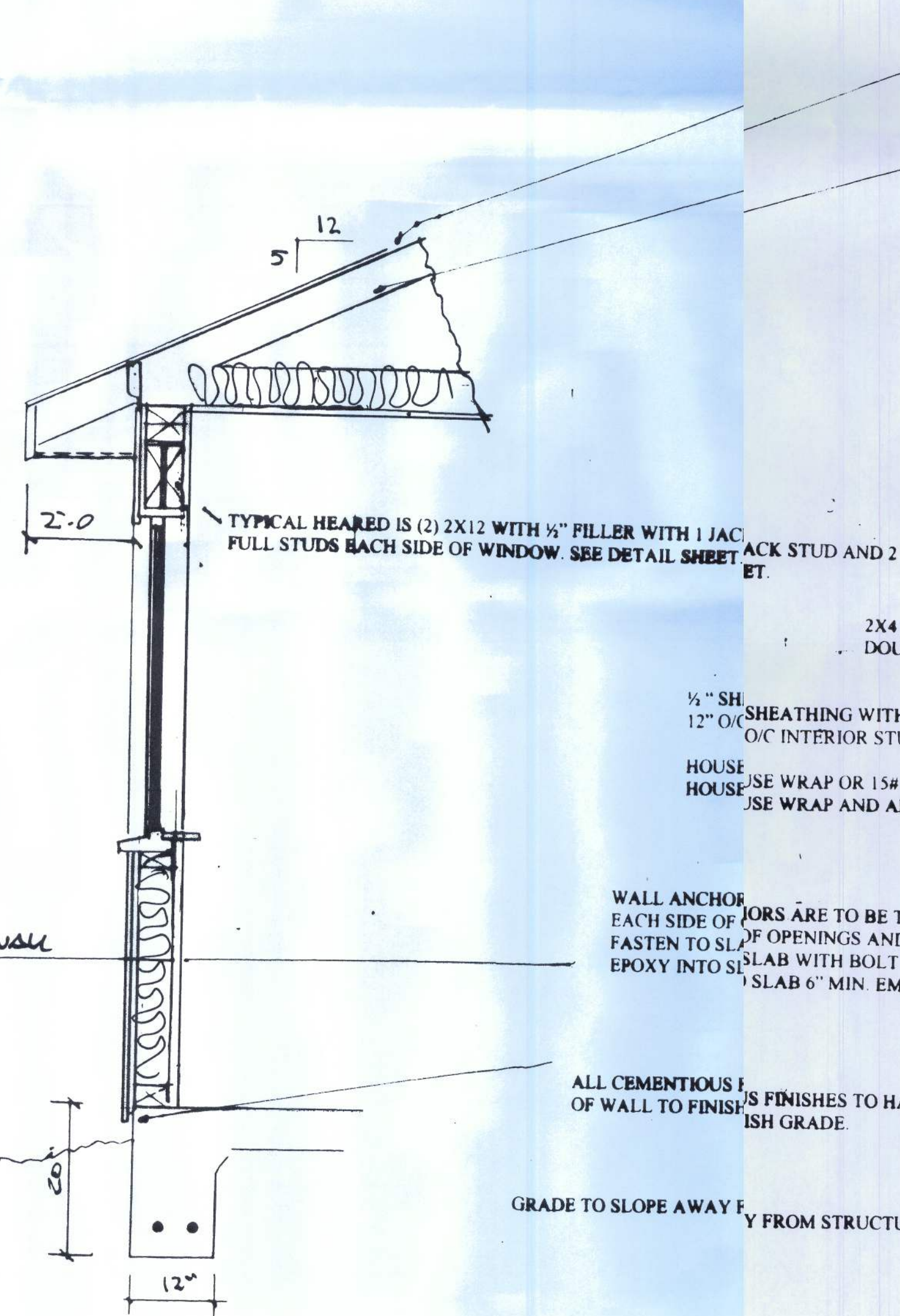
MINIMUM WALL AND HEADER STUD REQUIREMENTS

Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End Header					
		1'	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

1. The header stud shall not be required if the header is supported by a suitable framing member.



SHEARWALL SEZMT



GRADE TO SLOPE AWAY FROM STRUCTURE 6\"/>

METAL ROOF OVER 7/16\"/>

PREFABRICATED TRUSSES PER FBC AT 24\"/>

SEE TRUSS PLAN
ROOF ANCHOR AT FRAME SIMPSON H-10 (10456.6)
Drip Edge
ALUM FASCIA AND VENTED SOFFIT

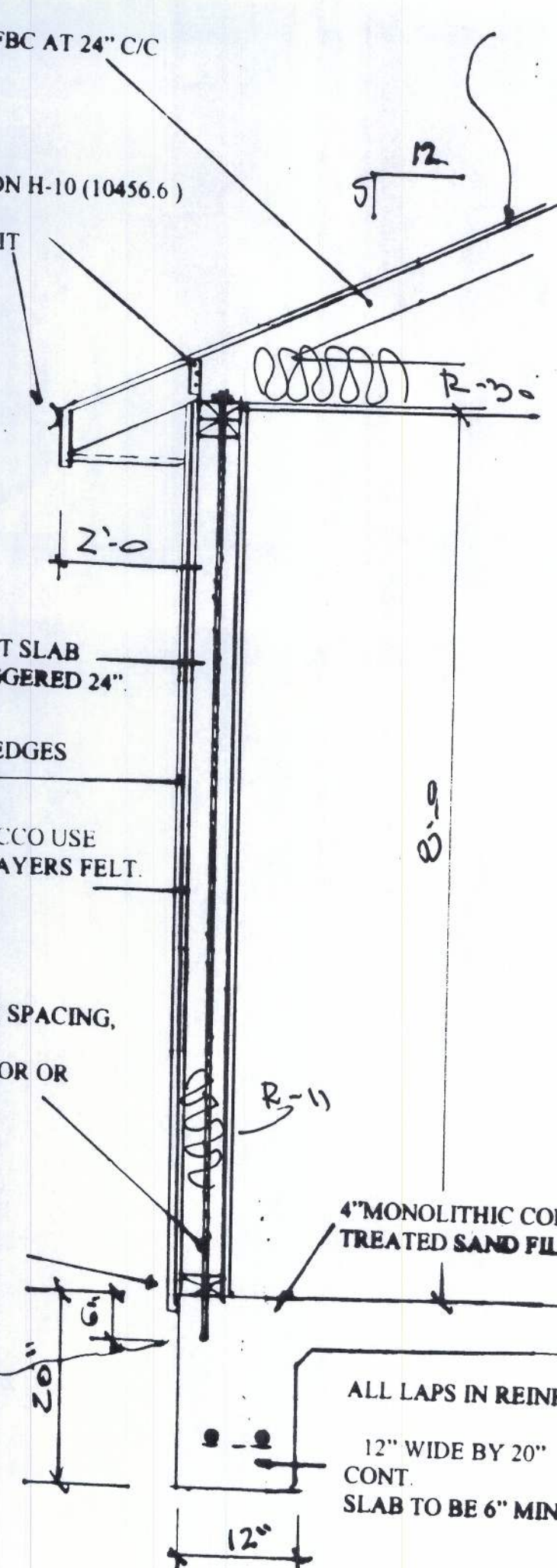
2X4 STUDS AT 16\"/>

1/2\"/>

HOUSE USE WRAP OR 15# FELT OVER SHEATHING WITH STUCCO USE
HOUSE USE WRAP AND ANOTHER LAYER OF 15# FELT OR 2 LAYERS FELT.

WALL ANCHORS EACH SIDE OF OPENINGS ARE TO BE TIE-MAX OR EQUAL AT 6-0\"/>

ALL CEMENTIOUS FINISHES TO HAVE 6\"/>



4\"/>

ALL LAPS IN REINFORCING STEEL TO BE 25\"/>

- THE DESIGN OF THIS STRUCTURE HAS BEEN REVIEWED FOR COMPLIANCE WITH THE WINDLOAD PROVISIONS OF CHAPTER 18, 2007 FLORIDA BUILDING CODE, BUILDING (FBCB), WITH 2009 SUPPLEMENTS USING THE FOLLOWING CRITERIA:

BASIC WIND SPEED = 110 MPH (3 SECOND GUST)
IMPORTANCE FACTOR = 1.0 (BUILDING CATEGORY II)
EXPOSURE CATEGORY = B (ALL DIRECTIONS)
INTERNAL PRESSURE COEFFICIENT = ± 0.18 FOR ENCLOSED; ± 0.55 FOR PARTIALLY ENCLOSED
- EFFECTIVE WIND AREA
UP TO 10 S.F. 29.1 PSF
UP TO 20 S.F. 27.2 PSF
UP TO 50 S.F. 24.6 PSF
OVER 50 S.F. 22.6 PSF
WALLS
29.1 PSF
27.2 PSF
24.6 PSF
22.6 PSF
ROOFS
51.3 PSF
47.9 PSF
43.5 PSF
40.2 PSF
ALL DOORS AND WINDOWS IN EXTERIOR WALLS SHALL HAVE A MINIMUM DESIGN WIND PRESSURE OF ± 29.1 PSF UNLESS OTHERWISE NOTED
- ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE, BUILDING.
- DESIGN LIVE LOADS USED IN THE ANALYSIS ARE AS FOLLOWS:

ROOFS = 20 PSF
FLOORS = 40 PSF
GARAGE FLOOR = 50 PSF
BALCONIES = 60 PSF
PORCHES, LOFTS, DECKS = 40 PSF
- CONCRETE FOUNDATIONS SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 18, FBCB. SUBSURFACE GEOTECHNICAL INFORMATION HAS NOT BEEN PROVIDED TO THE ENGINEER. THEREFORE FOUNDATIONS AND FOOTINGS ARE DESIGNED FOR THE FOLLOWING ASSUMED SOIL BEARING CONDITIONS: LOOSE GRANULAR MATERIAL WITH NO APPRECIABLE CLAY OR ORGANIC MATERIAL WITH A MINIMUM ALLOWABLE BEARING PRESSURE OF 2000 PSF PER FBCB TABLE 1804.2. COMPACT FILL TO 95% MODIFIED PROCTOR.
- MASONRY CONSTRUCTION SHALL CONFORM TO REQUIREMENTS OF CHAPTER 21, FBCB. NET AREA COMPRESSIVE STRENGTH OF MASONRY IS 1500 PSI. TYPE M, OR S MORTAR SHALL BE USED. ALL MASONRY SHALL BE LAID IN RUNNING BOND PATTERN WITH HEAD JOINTS IN SUCCESSIVE COURSES OFFSET BY NOT LESS THAN ONE-FOURTH THE UNIT LENGTH. THICKNESS OF BED JOINTS SHALL NOT EXCEED 5/8\"/>



LARRY E. JORDAN, P.E. #62685
P.O. BOX 914
INDIAN CREEK, FL 34451-0914
CERTIFICATE OF AUTHORIZATION #26953
I, THE ENGINEER, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA AND THAT I AM NOT PROVIDING ENGINEERING SERVICES TO ANY OTHER CLIENTS AT THE SAME TIME AS I AM PROVIDING SERVICES TO YOU. NO OTHER CERTIFICATION IS EXPRESSED OR IMPLIED.

COVINGTON DESIGN WORKS
10767 EAST FLOUNDER DRIVE
FLORIDA CITY, FL 34436
352-244-0583

DO NOT SCALE PLANS IF YOU NEED A DIMENSION CALL 352-344-0583
IF PRECISION IS CALCULATED AT 1/4\"/>

REVISIONS	BY

DATE	
SCALE	1/4\"/>

SHEET

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