Affinity

Construction LLC

Job Name = Taylor, Queen

Address = 4725 NW Lake Jeffery Rd, Lake City, FL 32055

1405-48

Scope Of Work

Pull back existing electrical lines & HVAC Ducts

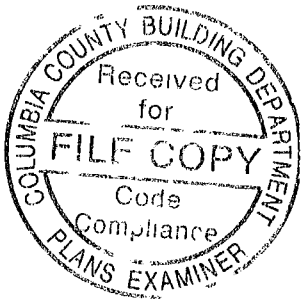
Remove 4 trusses & Install new

Install electrical and HVAC Ducts

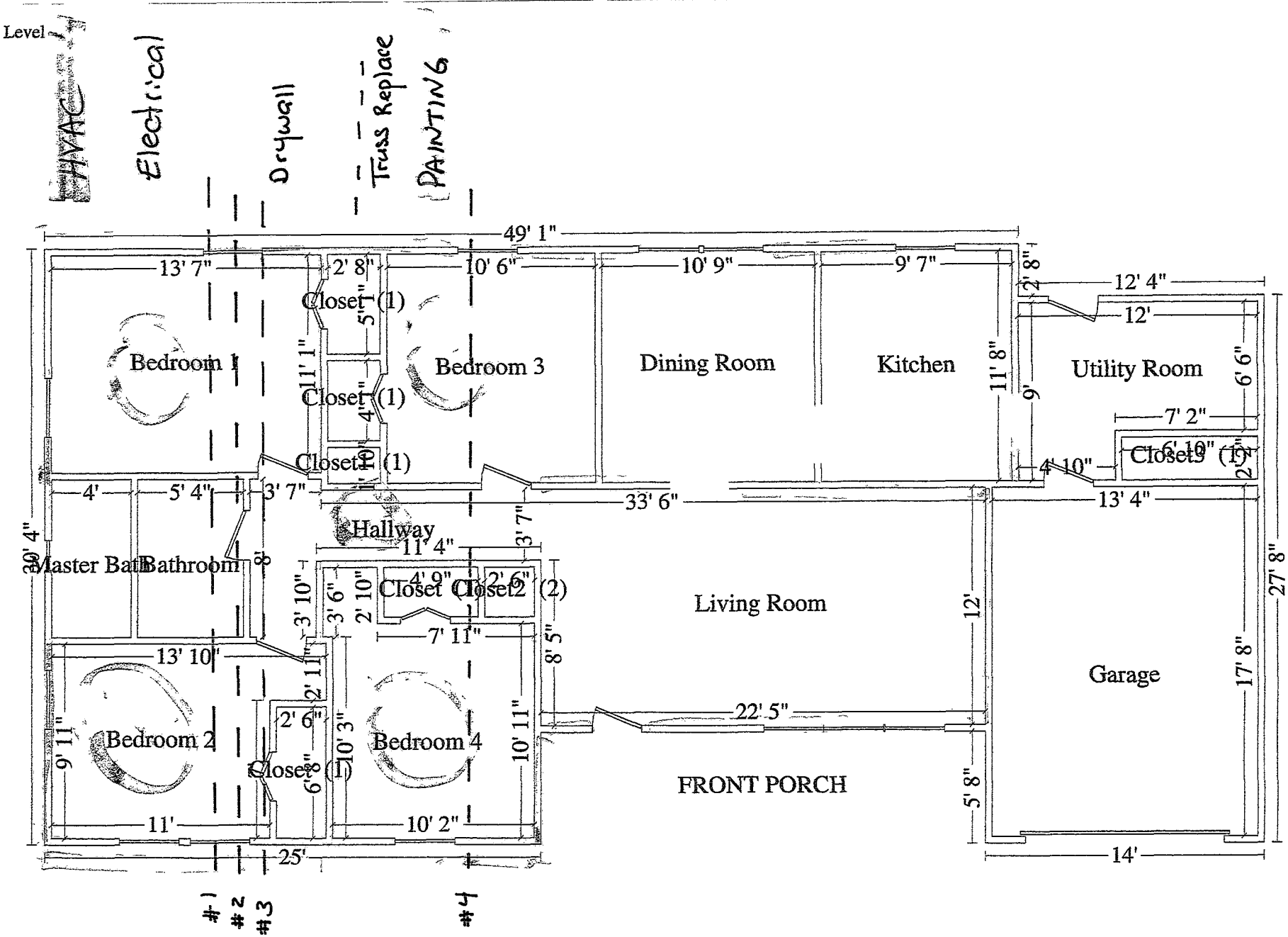
Sheetrock ceilings

Trim

Paintings Interior/ exterior



Main Level


HVAC
Electrical
Drywall
Truss Replace
PAINTING
49' 1"
13' 7"
2' 8"
10' 6"
10' 9"
9' 7"
2' 8"
12' 4"
12'
Closet (1)
5' 1"
11' 1"
Bedroom 1
Bedroom 3
Dining Room
Kitchen
11' 8"
9'
Utility Room
6' 6"
Closet (1)
4' 1"
7' 2"
Closet (1)
6' 10"
Closet (1)
2' 1"
4' 10"
4'
5' 4"
3' 7"
33' 6"
13' 4"
Hallway
3' 7"
11' 4"
30' 4"
Master Bath
Bathroom
8'
4' 9"
2' 6"
Closet (2)
Closet (2)
3' 10"
3' 6"
2' 10"
Living Room
12'
27' 8"
7' 11"
8' 5"
13' 10"
2' 11"
Garage
17' 8"
22' 5"
2' 6"
9' 11"
Bedroom 2
Bedroom 4
10' 3"
10' 11"
Closet (1)
6' 8"
FRONT PORCH
5' 8"
11'
10' 2"
25'
14'
#1
#2
#3
#4

ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID 1V6D487-Z0114164027

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

Truss Fabricator	Anderson Truss Company
Job Identification	14-069--OWNER BUILDER /Lake Jeffries Reroof -- Lake City, F
Truss Count	1
Model Code	Florida Building Code 2010
Truss Criteria	FBC2010Res/TPI-2007(STD)
Engineering Software	Alpine Software,Version 13.02.
Structural Engineer of Record	The identity of the structural EOR did not exist as of
Address	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads	Roof - 37.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 120 MPH ASCE 7-10 -Closed

05/14/2014

Notes

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Walter P Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: -

#	Ref	Description	Drawing#	Date
1	31062--A	30' Common	14134001	05/14/14

ALPINE

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

(14-069--OWNER BUILDER /Lake Jeffries Reroof -- Lake City, FL - A 30 Common)

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

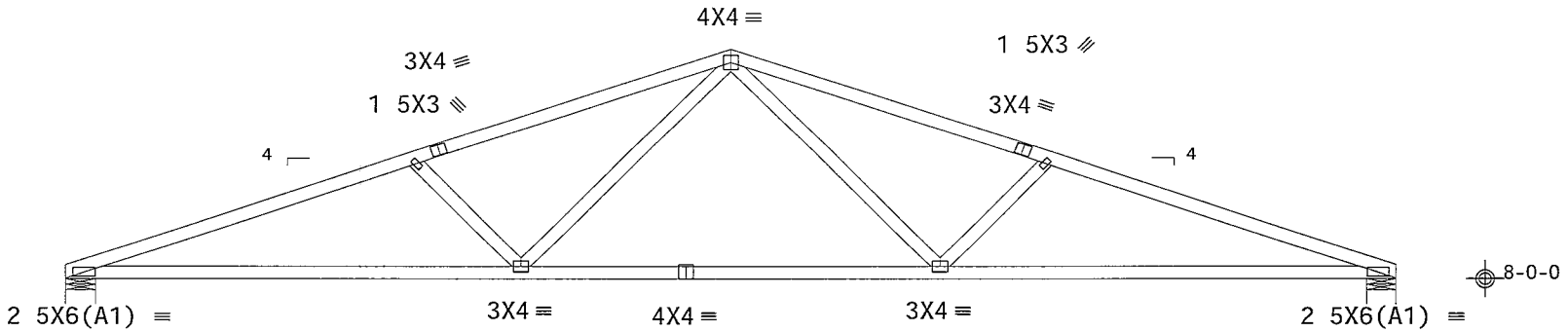
Bottom chord checked for 10 00 psf non-concurrent live load

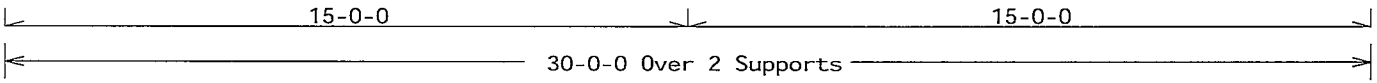
Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1 50

120 mph wind 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

Wind loads and reactions based on MWFRS with additional C&C member design

Truss passed check for 20 psf additional bottom chord live load in areas with 42 -high x 24 -wide clearance





R=1163 U=44 W=8
RL=63/-63

R=1163 U=44 W=8'

Design Crit FBC2010Res/TPI-2007(STD)

PLT TYP Wave FT/RT=10%(0%)/0(0) 13 02 07 0228 14 QTY.4 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Orlando FL, 32837
FL COA #0 278

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care n fabricat ng handling sh pp ng nstall ng and brac ng Refer to and follow the latest ed tion of BCSI (Building Component Safety Informat on by TPI and WTCA) for safety pract ces prior to performing these funct ons Installers shall prov de temporary brac ng per BCSI Unless noted otherw se top chord shall have properly attached structural sheath ng and bottom chord shall have a properly attached r g d ce l ng Locat ons shown for permanent lateral restraint of web shall have brac ng nstalled per BCSI sect ons B3 B7 or B10 as appl cable

ITW Bu ld ng Components Group Inc (ITWBCG) shall not be respons ble for any dev ation from this design any fa ure to bui d the truss n conformance w th ANSI/TPI 1 or for handl ng sh pping installat on & brac ng of trusses Apply plates to each face of truss and pos t on as shown above and on the Jo nt Detai s unless noted otherw se Refer to draw ngs 160A-Z for standard plate pos t ons A seal on th draw ng or cover page l st ng th s drawing ndicates acceptance of profess onal eng neer ng respons bility solely for the des gn shown The suitab l ty and use of th s design for any structure s the responsibility of the Build ng Designer per ANSI/TPI 1 Sec 2 For more nformat on see Th s job s general notes page ITW BCG www twbcg com TPI www tp nst org WTCA www sbcindustry com ICC www ccsafe org

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

05/14/2014

TC LL	20.0 PSF	REF	R9114- 31062
TC DL	7.0 PSF	DATE	05/14/14
BC DL	10.0 PSF	DRW	HCUSR9114 14134001
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT LD	37 0 PSF	SEQN-	76971
DUR FAC.	1.25		
SPACING	24.0"	JREF-	1V6D487_Z01

ITW Building Components Group, Inc.

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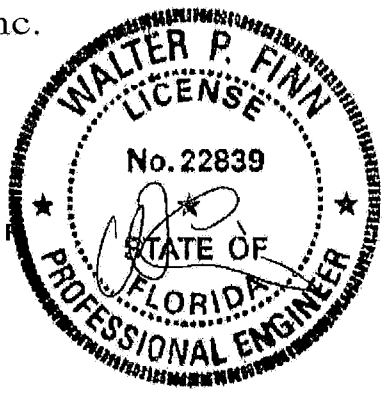

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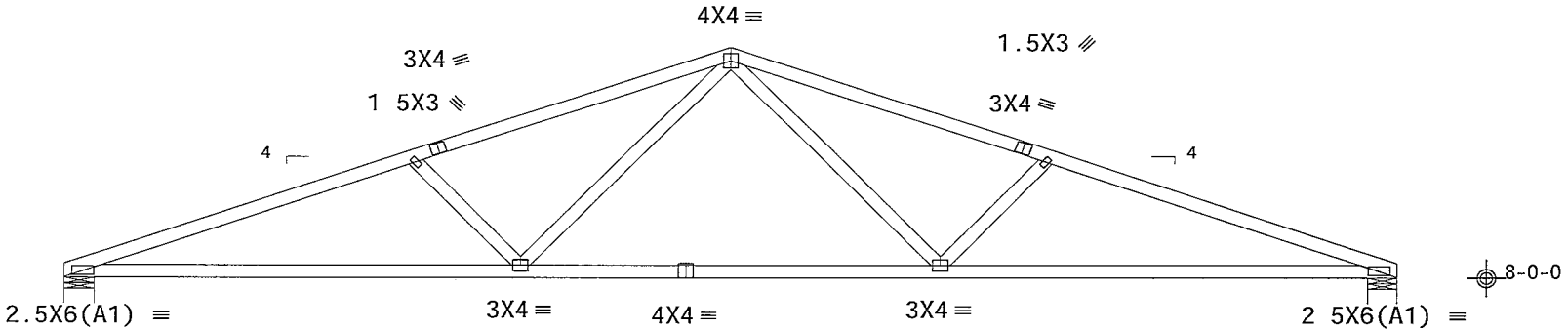

Design Crit FBC2010Res/TPI-2007(STD)

PLT TYP Wave FT/RT=10%(0%)/0(0) 13 02 07 0228 14 QTY 4 FL/-/5/-/-/R/- Scale = 25"/Ft

ALPINE
ITW Building Components Group Inc.
Orlando FL, 32837
FL COA #0 278

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05/14/2014

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TC DL	7.0 PSF	DATE	05/14/14
BC DL	10.0 PSF	DRW	HCUSR9114 14134001
BC LL	0 0 PSF	HC-ENG	SSB/WPF
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DUR FAC	1 25		
SPACING	24.0"	JREF-	1V6D487_Z01