

-----  
ADDRESS . . : 110 SILVERTHORNE DR SUBDIV: THE SUMMIT SEC3 50 LOTS  
CONTRACTOR : MSP CONSTRUCTION & DEV LLC PHONE : (910) 988-6404  
OWNER . . . : DIVERSIFIED HOLDINGS LLC PHONE :  
PARCEL . . . : 03-9587-13- -0020- -01-  
APPL NUMBER: 10-50024751 CP NEW RESIDENTIAL (SFD)  
DIRECTIONS : T/S: 07/02/2010 02:46 PM JBROCK -----  
HWY 27 W LEFT ON BUFFALO LAKES RD LEFT  
ON ALPINE LEFT ON TIMBERLINE RIGHT ON  
SILVERTHORNE LOT 81 IS DOWN ON RIGHT  
LOT 81  
-----

STRUCTURE: 000 000 38X55 3BDR CRAWL W/ GARAGE & DECK  
FLOOD ZONE . . . . : FLOOD ZONE X  
# BEDROOMS . . . . . : 3000000.00 PROPOSED USE . . . . . : SFD  
SEPTIC - EXISTING? . . . . : NEW WATER SUPPLY . . . . . : COUNTY  
-----

PERMIT: CPSF 00 CP \* SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	7/27/10 <u>7-27-10</u>	TI <u>AP-MR</u>	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001959330

----- COMMENTS AND NOTES -----  
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PERMIT: CPSF 00 CP \* SFD

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B101 01	7/27/10	MR	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001959330
	7/27/10	AP	T/S: 07/27/2010 01:36 PM MREARIC -----
B103 01	8/03/10	TI	R*BLDG FOUND & TEMP SVC POLE VRU #: 001962987
	<u>8-3-10</u>	<u>AP-MR</u>	

----- COMMENTS AND NOTES -----

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 LOT 81

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B103 01	8/03/10	MR	R*BLDG FOUND & TEMP SVC POLE VRU #: 001962987
	8/03/10	AP	T/S: 08/03/2010 12:03 PM MREARIC -----
B105 01	8/05/10	TI	R*OPEN FLOOR VRU #: 001964075

B-5-10 AP-MB

----- COMMENTS AND NOTES -----

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STRUCTURE: 000 000 38X55 3BDR CRAWL W/ GARAGE & DECK

FLOOD ZONE : FLOOD ZONE X  
# BEDROOMS : 3000000.00 PROPOSED USE : SFD  
SEPTIC - EXISTING? : NEW WATER SUPPLY : COUNTY  
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PERMIT: CPSF 00 CP \* SFD

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B105 01	8/05/10	MR	R*OPEN FLOOR VRU #: 001964075
	8/05/10	AP	T/S: 08/05/2010 11:39 AM MREARIC -----
A814 01	8/10/10	TW	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001964084
	8/06/10	AP	T/S: 08/06/2010 04:47 PM TWARD ----- 110 silverthorne dr lot 81 sanford 27332
			T/S: 08/06/2010 04:47 PM TWARD -----
R427 01	8/19/10	TI	FOUR TRADE ROUGH IN >2500 VRU #: 001971432
	<u>8-19-10</u>	<u>DA-MR</u>	

----- COMMENTS AND NOTES -----

# **HARNETT COUNTY**

Building Inspections Dept.

108 E. Front St.

Lillington, NC 27546

910-893-7525

**DO NOT REMOVE**

DATE: 08-19-10

PERMIT # 10-50024751

ADDRESS: 110 silverthorne.

1. Garage wingwalls will have to be sheathed and nailed 6" oc at insulation inspection
2. Water heater location will require a ballard or other protection
3. Gfi protection for tub will have to be in panel
4. Truss c-3 is not strapped for specified uplift (about #1550)
5. Truss D-2 is supposed to be a double? And is not strapped for correct uplift

Harnett County Building Department

Mike Rearic cell# (910) 984- 4772

ADDRESS : 150 SILVERTHORNE DR  
CONTRACTOR : MSP CONSTRUCTION & DEV LLC  
OWNER : DIVERSIFIED HOLDINGS LLC  
PARCEL : 03-9587-13- -0020- -01-  
APPL NUMBER: 10-50024751 CP NEW RESIDENTIAL (SFD)  
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SILVERTHORNE LOT 81 IS DOWN ON RIGHT  
LOT 81

SUBDIV: THE SUMMIT SEC3 50 LOTS  
PHONE : (910) 988-6404  
PHONE :

STRUCTURE: 000 000 38X55 3BDR CRAWL W/ GARAGE & DECK

FLOOD ZONE : FLOOD ZONE X

# BEDROOMS : 3000000.00

SEPTIC - EXISTING? : NEW

PROPOSED USE : SFD

WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP \* SFD

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R427 01	8/19/10	MR	FOUR TRADE ROUGH IN >2500 VRU #: 001971432
	8/19/10	DA	T/S: 08/19/2010 11:20 AM MREARIC
			1. sheath garage wig walls by insulation inspection 2. water heater location will required a bollard or other protection 3. gfi is required in panel for tub 4. truss C-3 is not strapped per requirements 5. truss D-2 is not strapped per requirements and is supposed to be a double truss
R427 02	8/20/10	TI	FOUR TRADE ROUGH IN >2500 VRU #: 001972574
	8-20-10	AP-MR	

COMMENTS AND NOTES

See attached



DIVISION OF CAPE FEAR SUPPLY CO.

Reilly Road Industrial Park  
P.O. Box 40408 • Fayetteville, N.C. 28309  
(910) 864-TRUS • 1-800-868-5295  
FAX (910) 864-4444  
www.comtechfay.com

## ENGINEERED TRUSSES & BEAMS

August 19, 2010

Harnett County Inspections  
PO Box 65  
Lillington, NC 27546

Re: 81 The Summit/ MSP Construction

Dear Inspector:

Please find the attached engineering drawing depicting a single ply girder labeled incorrectly as a 2 ply. This is strictly a labeling error on the layout and not a structural problem as you will see on the truss engineered truss drawing.

If you have any further questions please call me at 910-237-1402.

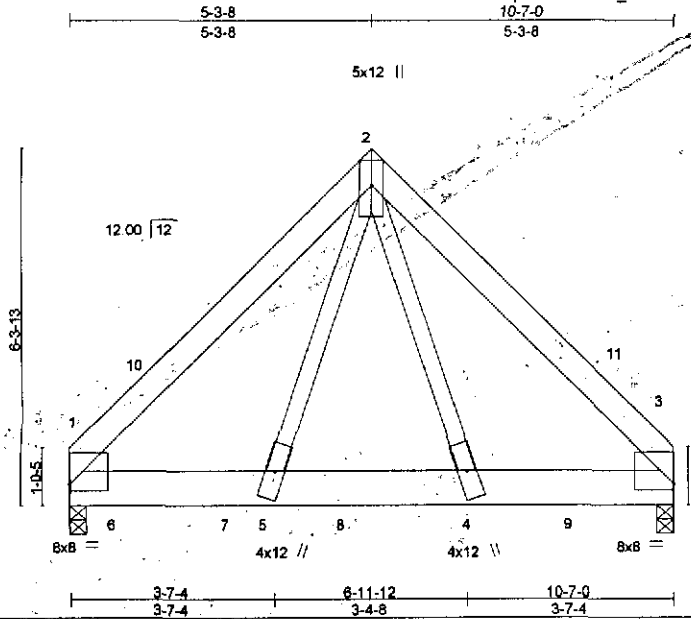
Sincerely,

Lenny Norris

Job B03283	Truss D2-2PLY	Truss Type COMMON	Qty 1	Ply 1	MSP Const./Lot B1 The Summit/Hamett	E5763866
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Comtech, Inc., Fayetteville, NC 28309

7,240 s Jun 18 2010 MiTek Industries, Inc. Wed Jul 07 09:55:02 2010 Page 1  
ID:ITOIWKIPnod5q9M3EOPZXwz\_Vi7-ITOIWKIPnod5q9M3EOPZXwGAIBOXIJLH8SeRz\_Vi7



Scale = 1:38.2

Plate Offsets (X,Y): [1:0-0-2,0-1-6], [3:0-0-2,0-1-6]

<b>LOADING</b> (psf)	<b>SPACING</b> 2-0-0	<b>CSI</b>	<b>DEFL</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 20.0	Plates Increase 1.15	TC 0.54	Vert(LL) -0.04 4-5 >999 360	MT20	244/190
TCDL 10.0	Lumber Increase 1.15	BC 0.45	Vert(TL) -0.09 4-5 >999 240		
BCLL 0.0	Rep Stress Incr NO	WB 0.94	Horz(TL) 0.02 3 n/a n/a		
BCDL 10.0	Code: IRC2003/TPI2002	(Matrix)		Weight: 86 lb	FT = 20%

**LUMBER**

TOP CHORD 2 X 8 SYP No.1  
BOT CHORD 2 X 8 SYP 2400F 2.0E  
WEBS 2 X 4 SYP No.3

**BRACING**

TOP CHORD Structural wood sheathing directly applied or 3-11-13 oc purlins.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS**

(lb/size) 1=4136/0-3-8, 3=3608/0-3-8  
Max Horz 1=198(LC 2)  
Max Uplift 1=828(LC 4), 3=728(LC 5)

**FORCES** (lb) - Maximum Compression/Maximum Tension

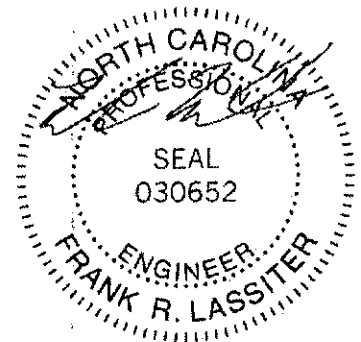
TOP CHORD 1-10=-3767/767, 2-10=-3717/798, 2-11=-3741/802, 3-11=-3791/771  
BOT CHORD 1-6=-489/2506, 6-7=-489/2506, 5-7=-489/2506, 5-8=-336/1713, 4-8=-336/1713, 4-9=-459/2520, 3-9=-459/2520  
WEBS 2-5=-511/2658, 2-4=-521/2707

**NOTES**

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 100mph; TCCL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 828 lb uplift at joint 1 and 728 lb uplift at joint 3.
- This truss is designed in accordance with the 2003 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1384 lb down and 263 lb up at 0-10-4, 1384 lb down and 263 lb up at 2-10-4, 1384 lb down and 263 lb up at 4-10-4, and 1384 lb down and 263 lb up at 6-10-4, and 1384 lb down and 263 lb up at 8-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

**LOAD CASE(S)** Standard

- Regular; Lumber Increase=1.15, Plate Increase=1.15  
Uniform Loads (psf)  
Vert: 1-3=-20, 1-2=-60, 2-3=-60  
Concentrated Loads (lb)  
Vert: 4=-1384 6=-1384 7=-1384 8=-1384 9=-1384



July 7, 2010

**WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M1-7478 rev. 10-08 BEFORE USE.**  
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI Quality Criteria, D58-89 and CSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.

**ENGINEERING BY**  
**TRENCO**  
A MITEK COMPANY  
818 Soundside Road  
Edenton, NC 27932



: 110 SILVERTHORNE DR  
: MSP CONSTRUCTION & DEV LLC  
: DIVERSIFIED-HOLDINGS LLC

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PHONE : (910) 988-6404  
PHONE :

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LOT 81

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# BEDROOMS . . . . . : 3000000.00

SEPTIC - EXISTING? . . . . . : NEW

PROPOSED USE . . . . . : SFD

WATER SUPPLY . . . . . : COUNTY

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I129 01	8/24/10	TI	R*INSULATION INSPECTION VRU #: 001973662

8240 AP-MR

COMMENTS AND NOTES

Harnett County

INSPECTOR: IVR

DATE 9/27/10

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I129 01	8/24/10	MR	R*INSULATION INSPECTION VRU #: 001973662
	8/24/10	AP	T/S: 08/24/2010 12:54 PM MREARIC
H824 01	9/07/10	OT	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001980135
	9/07/10	AP	T/S: 09/08/2010 09:34 AM SZIMMER T/S: 09/08/2010 09:35 AM SZIMMER
R431 01	9/27/10	TI	FOUR TRADE FINAL >2500 VRU #: 001986818

9/27/10 AP DT

COMMENTS AND NOTES

County of Harnett  
Building Inspections Department  
Planning Services

**Certificate of Compliance: \_\_\_ Occupancy: X**

Certificate issued pursuant to the requirements of North Carolina General Statute 153A-363 and Harnett County Zoning Ordinances. This certifies at the time of issuance, this structure was in compliance with the various ordinances of the County of Harnett and the North Carolina State Building Codes. For the following:

Use Classification: Residential

**Permit Numbers**

Name: MSP Construction & Dev LLC

Building: \_\_\_\_\_

Electrical: \_\_\_\_\_

Insulation: \_\_\_\_\_

Plumbing: \_\_\_\_\_

Mechanical: 10

MFG Home: \_\_\_\_\_

Address: 110 Silverthorne Dr

Sanford, NC 27332

Date: 9/27/10

Building Official: \_\_\_\_\_

D. E. Tyler

50024751