

DATE 08/24/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022228

APPLICANT VINCE RICHARDSON PHONE 755-5779
ADDRESS 692 SW ARLINGTON BLVD LAKE CITY FL 32025
OWNER ROBERT MOORE PHONE 719-9779
ADDRESS 328 SE SANDY DRIVE LAKE CITY FL 719-9779
CONTRACTOR RICHARDSON ALUMINUM PHONE 755-5779
LOCATION OF PROPERTY 90E, TR INTO COMMUNITY COLLEGE, TL ON SE SANDY DRIVE, 1ST ON RIGHT

TYPE DEVELOPMENT SCREEN ENCLOSURE ESTIMATED COST OF CONSTRUCTION 20000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING INDUSTRIAL MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 15.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 01-4S-17-07476-000 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 2.75

5129
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X04-0213 BK HD
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE

Check # or Cash 1733

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing date/app. by
Framing Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in Heat & Air Duct Peri. beam (Lintel) date/app. by
Permanent power C.O. Final Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing Pool date/app. by
Reconnection Pump pole Utility Pole date/app. by
M/H Pole Travel Trailer Re-roof date/app. by

BUILDING PERMIT FEE \$ 100.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 150.00

INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 0407-84 Date Received 7/30/04 By JDW Permit # 22228
 Application Approved by - Zoning Official BLK Date 16.08.04 Plans Examiner HD 8-19-04 Date
 Flood Zone X Development Permit N/A Zoning I Land Use Plan Map Category I
 Comments Section 4.17.3 N.O.C. & Environmental Health

Applicants Name Richardson Aluminum L.L.C. Phone 386-755-5779
 Address 692 S.W. Arlington Blvd. Lake City Fla. 32025
 Owners Name Robert moore Phone 386-719-9779
 911 Address 328 S.E. Sandy Dr. Lake City Fla. 32025
 Contractors Name Richardson Aluminum L.L.C. Phone 386-755-5779
 Address 692 S.W. Arlington Blvd. Lake City Fla. 32025
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Bennett
 Mortgage Lenders Name & Address N/A
 Property ID Number 01-45-17-07476-000 Estimated Cost of Construction 20,000.00
 Subdivision Name 90 East Lot Left on Rd. Block Left on S.E. Sandy Dr. Unit 1st on (R) Phase Left on S.E. Sandy Dr. 1st on (R)
 Driving Directions Screen, Noon/PAINT
 Type of Construction Aluminum Specialty Number of Existing Dwellings on Property
 Total Acreage 2.25 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv
 Actual Distance of Structure from Property Lines - Front 94' Side 75' Side 172' Rear 162'
 Total Building Height 11' Number of Stories 1 Heated Floor Area Roof Pitch

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

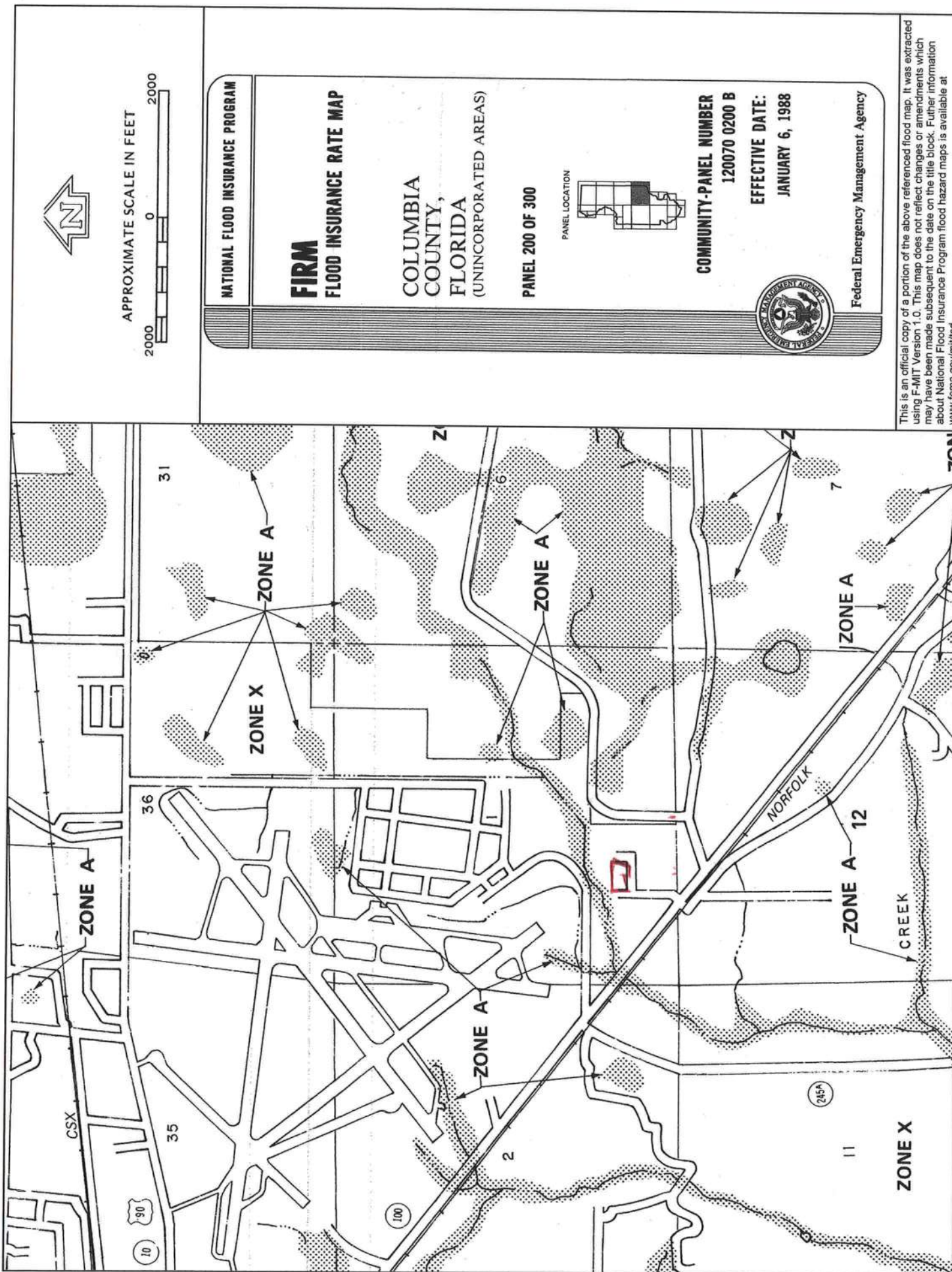
STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 30th day of July 2004

Personally known ✓ or Produced Identification

Vince Richardson
 Contractor Signature
 Contractors License Number 05729
 Competency Card Number GALE TEDDER
 MY COMMISSION # DD 333586
 EXPIRES: June 28, 2008
 Bonded Thru Notary Public Underwriters
 NOTARY STAMP
 Notary Signature

0407-84

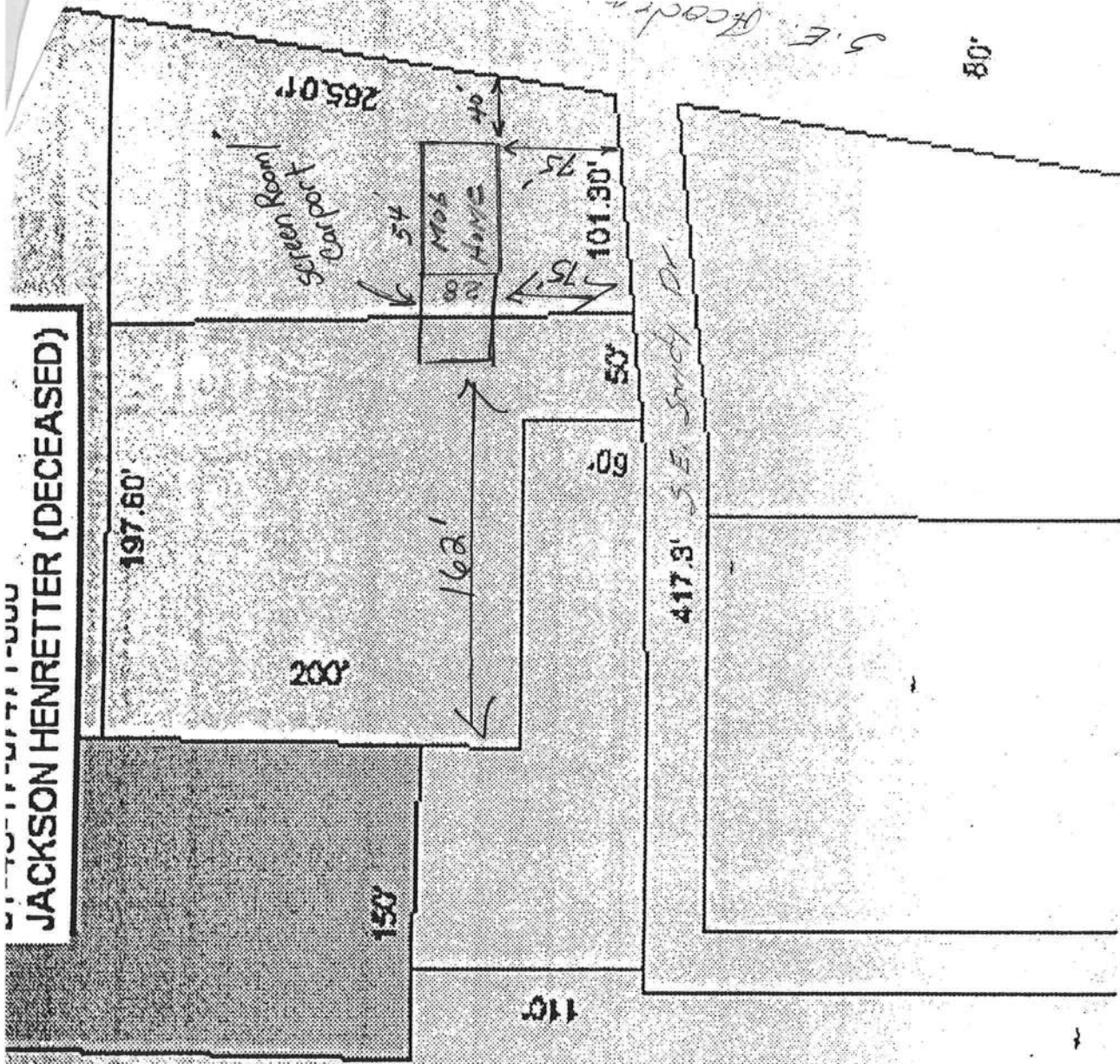


This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifm/itsd.

01-4S-17-07471-000

JACKSON HENRETT (DECEASED)

Robert + Sandra Moore
328 SE Sandy Drive
Lake City, FL 32025
386-719-9779



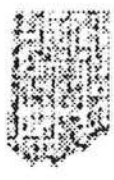
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

01-4S-17-07471-000 - MOBILE HOM (000200)

COR OF N1/2 OF SE1/4. OF SW1/4. RUN F 90 FT N ALONG RD 60 FT

0 62 124 186 ft



14-

BK 0932 PG 1591

OFFICIAL RECORDS

Quit Claim Deed 01-1689

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL.

'01 AUG -7 AM 11:09

This Indenture, Made this 7th
day of August, 2001, A.D.

Between, Sandra Gail Richards, nka,

Sandra Gail Moore a resident of the
County of Alachua and the State of Florida,
party of the first part, and Sandra Gail
Moore and Robert Lee Moore, married
persons, of the County of Alachua, and State
of Florida, party of the second part,

Documentary Stamp .70
Intangible Tax 6
P. DeWitt Cason
Clerk of Court
By MCK D.C.



Witnesseth, that the said party of the first part, for and in consideration of the sum of \$10.00, in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, has remised, release and quit claimed, and by these presents does remise, release and quitclaim unto the said party of the second part all of the right, title, interest, claim and demand which the said party of the first part has in and to the following described lot, piece, or parcel of land, situate and being in the County of Columbia, State of Florida, to-wit:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

Section 1: Commence at the Northeast Corner of SE 1/4 of the SW 1/4 ; Section 1, Township 4 South, Range 17 East, and run thence S 1 degree 27'W, along the East line of said SE 1/4 of SW 1/4, 660.0 feet; thence N 87 degrees 15' W, 902.0 feet for a POINT OF BEGINNING; thence continue N 87 degrees 15' W, 50.0 feet; thence N 0 degree 18' E, 60.0 feet; thence N 87 degrees 15' W, 155.0 feet; thence N 3 degrees 52' E, 200.0 feet; thence S 87 degrees 15' E, 197.60 feet; thence S 1 degree 27'W, parallel to said East line of SE 1/4 of SW 1/4, 260.0 feet to the POINT OF BEGINNING. Said land lying in the N 1/2 of SE 1/4 of SW 1/4, Section 1, Township 4 South, Range 17 East, Columbia County, Florida. Containing 1.0 acres, more or less.

SUBJECT TO a life estate in favor of TRAVIS HINDS and his wife VIRGINIA J. HINDS ✓

To Have and to Hold the same, together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest and claim whatsoever of the said party of the first part, either in law or equity, to the only proper use, benefit and behoof of the said party of the second part

In Witness Whereof, the said party of the first part has hereunto set his hand and seal the day
and year first above written. BK 0932 PG 1592

Signed, sealed and delivered in our presence:

OFFICIAL RECORDS

Julio S. Saavedra
witness

Sandra Gail Moore
Party of the First Part

Christine L. Harper
witness

STATE OF FLORIDA
COUNTY OF COLUMBIA ✓

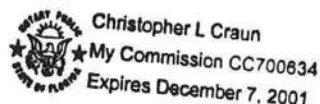
BEFORE ME, the undersigned authority, personally appeared Sandra G. Moore who being first duly sworn under oath deposes and says that he/she is the Party of the First Part in the above Quitclaim Deed and that he/she has read said deed and signed same for the purposes therein expressed.

SWORN TO AND SUBSCRIBED BEFORE ME this August 7, 2001. Personally known/ID procured
Florida Driver's License Number M6DD788547D9D

[Signature]

Notary Public, State of Florida
at large. My Commission expires:

This instrument prepared by:
Christopher L. Craun, Esquire
528 South Marion Street
Post Office Box 2149
Lake City, Florida 32056-2149
(904) 755-0826
Florida Bar no.: 0879355



*Based on Legals provided by the Parties, therefore the Law Office of Christopher L. Craun, makes no warranty on the description thereof.



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 01-4S-17-07476-001 - SINGLE FAM (000100)

COMM NE COR OF SE1/4 OF SW1/4, RUN S 660 FT, W 902 FT FOR POB, CONT W 50 FT, N 60 FT, W

Name: HINDS TRAVIS

Site:

C/O SANDRA MOORE

Mail: RT 19 BX 1020

LAKE CITY, FL 32025

Sales

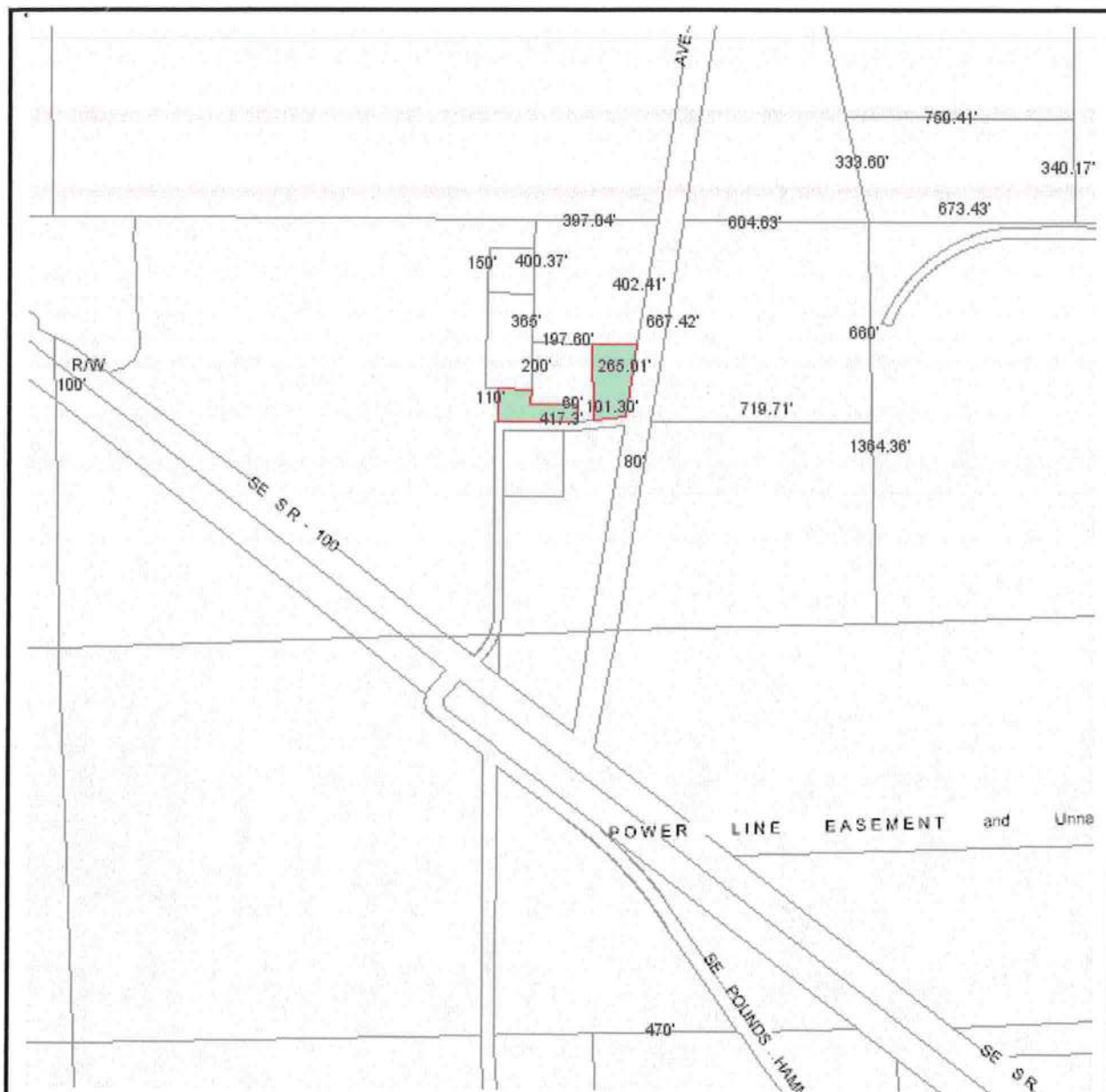
Info

LandVal	\$6,500.00
BldgVal	\$13,320.00
ApprVal	\$19,820.00
JustVal	\$19,820.00
Assd	\$19,820.00
Exmpt	\$0.00
Taxable	\$19,820.00

0 55 110 165 ft



This information, GIS Map Updated: 06/21/2004, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 01-4S-17-07476-000 HX - SINGLE FAM (000100)

COMM INTERS OF S LINE OF SEC WITH NE R/W OF SR-100, RUN E ALONG S
SEC LINE 181 FT, N 676

Name: MOORE SANDRA GAIL & ROBERT LEE

Site: RT 19 BX 1020

Mail: RT 19 BOX 1020

LAKE CITY, FL 32025

Sales

Info

LandVal \$7,500.00

BldgVal \$25,033.00

ApprVal \$32,933.00

JustVal \$32,933.00

Assd \$32,538.00

Exmpt \$25,000.00

Taxable \$7,538.00

0 220 440 660 ft



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ACCOUNT NUMBER	ESCROW CD	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE	MILLAGE CODE
R07476-000		31,931	25,000	6,931	002

R

0010078 01 AV 0.278 **AUTO TO 0 0810 32025-12

MOORE SANDRA GAIL & ROBERT LEE
 RT 19 BOX 1020
 LAKE CITY FL 32025-9412

01-4S-17 0100/0102 1.25 Acres
 COMM INTERS OF S LINE OF SEC
 WITH NE R/W OF SR-100, RUN E
 ALONG S SEC LINE 181 FT, N 676
 FT FOR POB, CONT N 110 FT, E
 110 FT, S 50 FT, E 160 FT, S 60

AD VALOREM TAXES		
TAXING AUTHORITY	MILLAGE RATE (DOLLARS PER \$1,000 OF TAXABLE VALUE)	TAXES LEVIED
C001 BOARD OF COUNTY COMMISSIONERS	8.7260	60.48
S002 COLUMBIA COUNTY SCHOOL BOARD		
DISCRETIONARY	.7600	5.27
LOCAL	5.6290	39.01
CAPITAL OUTLAY	2.0000	13.86
W SR SUWANNEE RIVER WATER MGT DIST	.4914	3.41
HLSH SHANDS AT LAKE SHORE	1.5000	10.40
IIDA INDUSTRIAL DEVELOPEMENT AUTH	.1380	.96
TOTAL MILLAGE 19.2444		
AD VALOREM TAXES		\$133.39

pd. 1-304
 \$ 2457
 553.12
 574.45
 \$ 1126.57

NON-AD VALOREM ASSESSMENTS	
LEVYING AUTHORITY	AMOUNT
FFIR FIRE ASSESSMENTS	136.00
GGAR SOLID WASTE - ANNUAL	294.00

RETAIN
THIS
PORTION
FOR
YOUR
RECORDS

NON-AD VALOREM ASSESSMENTS		\$430.00				
COMBINED TAXES AND ASSESSMENTS		\$563.39		PAY ONLY ONE AMOUNT		
IF PAID BY PLEASE PAY		Nov 30 540.85	Dec 31 546.49	Jan 31 552.12	Feb 29 557.76	Mar 31 563.39

See reverse side for
Important information.

IF PAID
BY

NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS

ACCOUNT NUMBER	ESCROW CD	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE	MILLAGE CODE
R07476-001		19,287	0	19,287	003

R

0009522 01 AV 0.278 **AUTO T7 0 0810 32025-12



HINDS TRAVIS
C/O SANDRA MOORE
RT 19 BX 1020
LAKE CITY FL 32025-9412

01-4S-17 0100/0100 1.00 Acres
COMM NE COR OF SE1/4 OF SW1/4,
RUN S 660 FT, W 902 FT FOR
POB, CONT W 50 FT, N 60 FT, W
155 FT, N 200 FT, E 197.60 FT,
S 260 FT TO POB. ORB 344-625,

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE (DOLLARS PER \$1,000 OF TAXABLE VALUE)	TAXES LEVIED
C001 BOARD OF COUNTY COMMISSIONERS	8.7260	168.30
S002 COLUMBIA COUNTY SCHOOL BOARD		
DISCRETIONARY	.7600	14.66
LOCAL	5.6290	108.57
CAPITAL OUTLAY	2.0000	38.57
W SR SUWANNEE RIVER WATER MGT DIST	.4914	9.48
HLSH SHANDS AT LAKE SHORE	1.5000	28.93
IIDA INDUSTRIAL DEVELOPEMENT AUTH	.1380	2.66
TOTAL MILLAGE 19.2444		\$371.17

NON-AD VALOREM ASSESSMENTS

LEVYING AUTHORITY	RATE	AMOUNT
FFIR FIRE ASSESSMENTS		88.00
GGAR SOLID WASTE - ANNUAL		147.00

RETAIN
THIS
PORTION
FOR
YOUR
RECORDS

NON-AD VALOREM ASSESSMENTS

\$215.00

COMBINED TAXES AND ASSESSMENTS

\$586.17

PAY ONLY
ONE AMOUNT

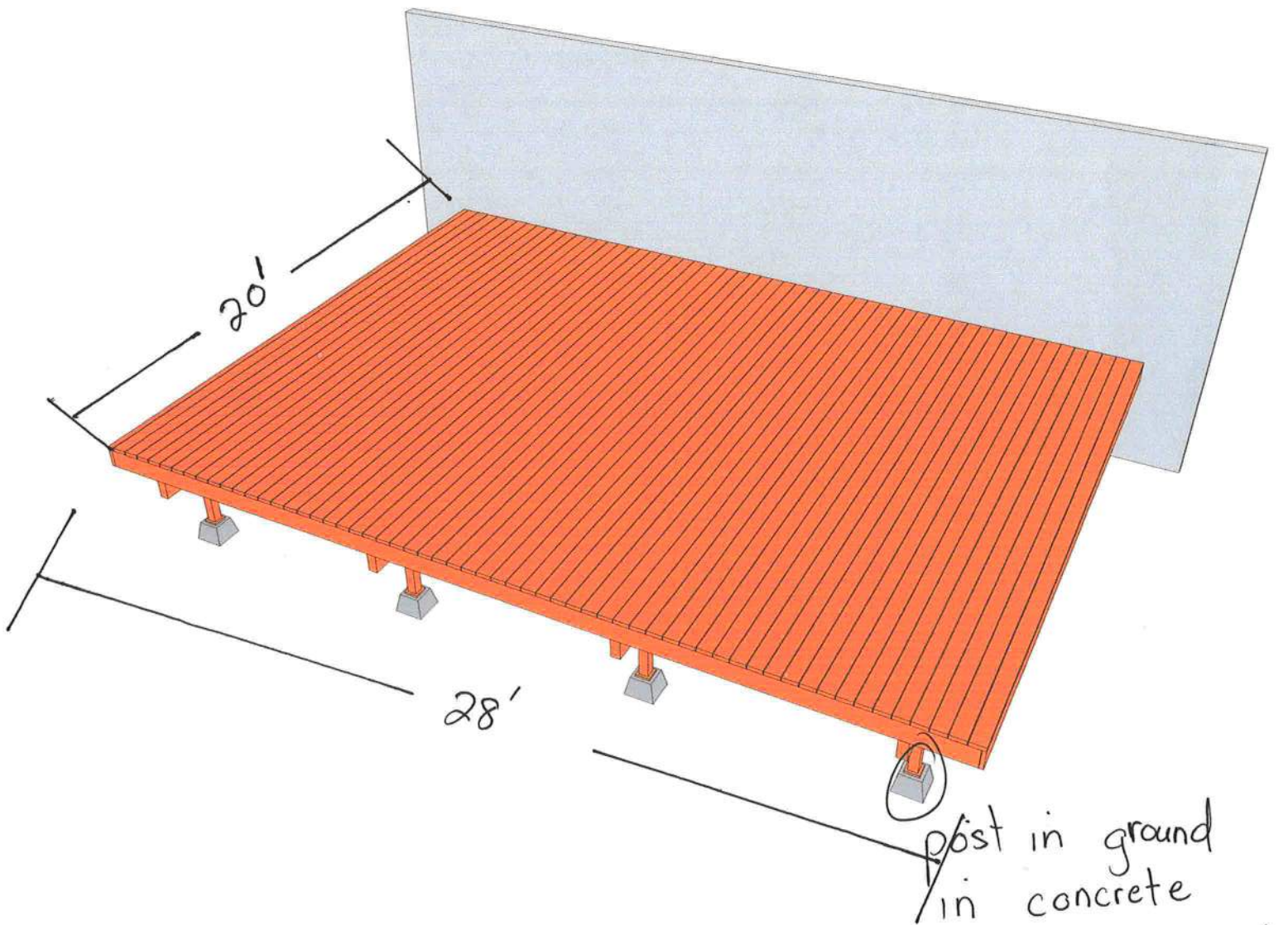
See reverse side for
Important Information.

IF PAID BY	Nov 30	Dec 31	Jan 31	Feb 29	Mar 31
PLEASE PAY	562.72	568.58	574.45	580.31	586.17

IF PAID
BY

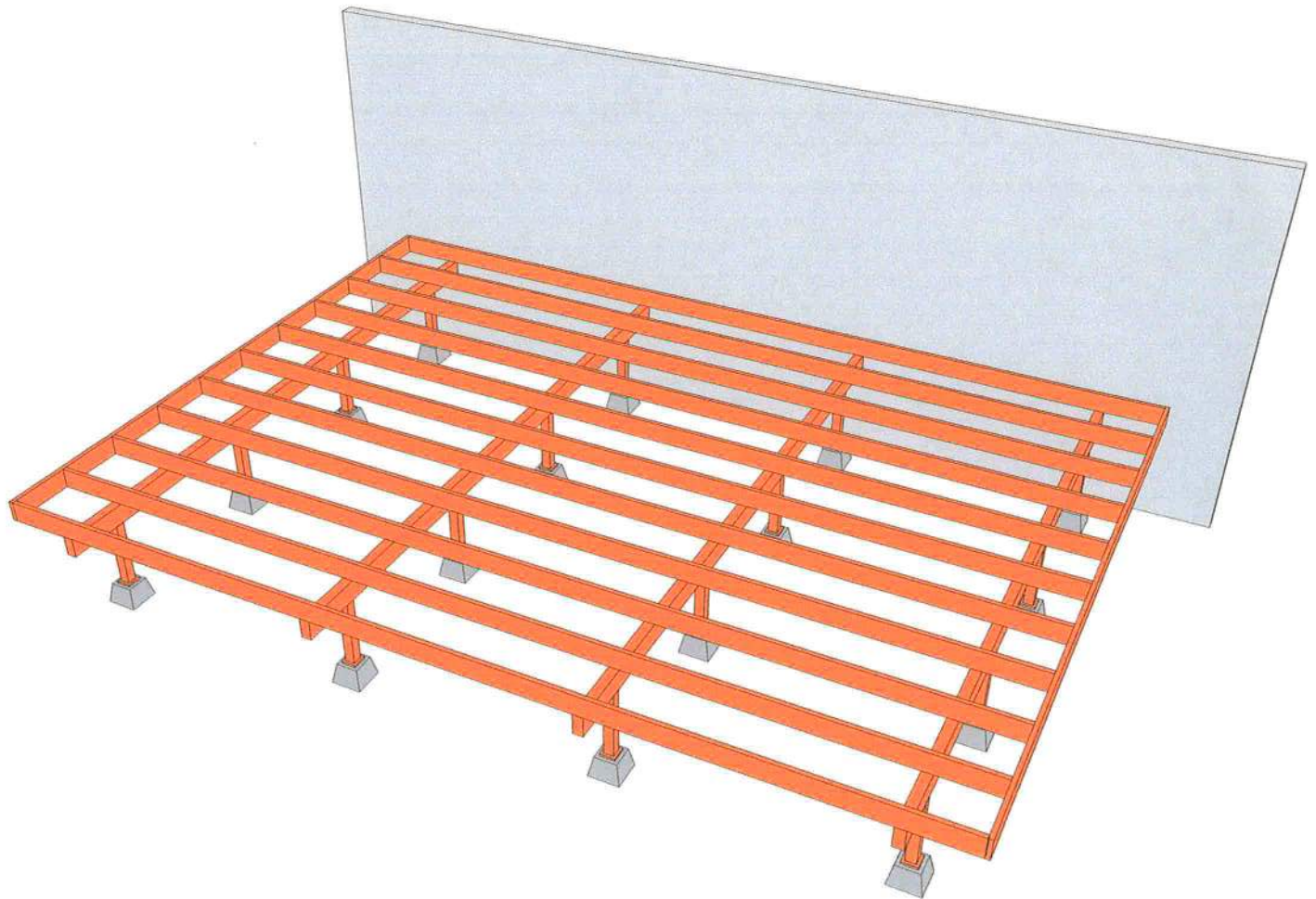
3D View of Your Deck

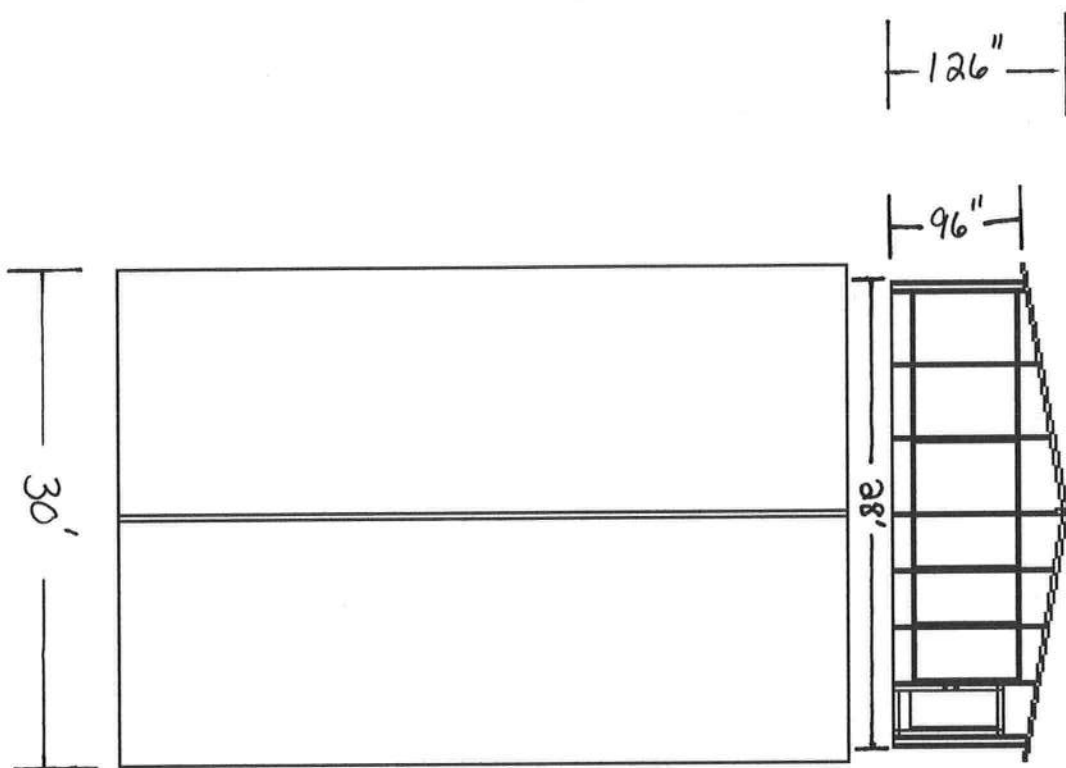
Job Name : Moore



post in ground
in concrete
5/4" Decking Boards
1-set of steps w/
handrails.
No handrails on
deck.

3D View of Your Deck







Carport

ATTACHED & FREE-STANDING COVERS AND UTILITY SHEDS

SECTION 2

Table 2.3 Schedule of Post to Beam Size and Number of Thru-Bolts Required
Aluminum Alloy 6063 T-6

Beam Size	Minimum Post Size	# Thru-Bolts @ L=D+½"		Minimum Knee Brace*	Minimum # Knee Brace Screws
		1/4" Ø	3/8" Ø		
Hollow Sections					
2" x 3" x 0.050" Hollow Tilt	3" x 3" x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
2" x 4" x 0.050" Hollow	3" x 3" x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
Self Mating Beams					
2" x 4" x 0.038" X 0.100	3" x 3" x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
2" x 5" x 0.050" X 0.100	3" x 3" x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
2" x 6" x 0.050" X 0.120	3" x 3" x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #10
2" x 7" x 0.055" x 0.120"	3" x 3" x 0.093"	3	2	2" x 4" x 0.050"	(3) #10
2" x 7" x 0.055" x 0.120"	3" x 3" x 0.093"	3	2	2" x 4" x 0.050"	(3) #10
2" x 8" x 0.072" x 0.224"	3" x 3" x 0.093"	3	2	2" x 4" x 0.050"	(3) #12
2" x 9" x 0.072" x 0.224"	3" x 3" x 0.125"	4	3	2" x 4" x 0.050"	(3) #14
2" x 9" x 0.082" x 0.306"	3" x 3" x 0.125"	4	3	2" x 4" x 0.050"	(3) #14
2" x 10" x 0.092" x 0.369"	4" x 4" x 0.125"	6	4	2" x 4" x 0.050"	(4) #14

The minimum number of thru bolts is (2)

* Minimum post/beam may be used as minimum knee brace

Table 2.4.1 Footings - Maximum Roof Area for Attached Carport Posts

Wind Zone =	100 MPH	110 MPH	120 MPH	123 MPH	130 MPH	140 MPH	150 MPH
Attached Cover Uplift * =	10 #/SF	12 #/SF	14 #/SF	15 #/SF	16 #/SF	19 #/SF	21 #/SF
Free Standing Uplift =	8 #/SF	9 #/SF	11 #/SF	12 #/SF	13 #/SF	15 #/SF	17 #/SF
Existing Slab on Grade with unknown reinforcement	22	19	15	15	13	11	10

Isolated Footing Dimensions**	Uplift Rating (lbs.)	Maximum Attributable Roof Area in Square Feet						
		100 MPH	110 MPH	120 MPH	123 MPH	130 MPH	140 MPH	150 MPH
1'-0" x 1'-0" x 1'-0"	293	26	21	18	17	15	13	11
1'-4" x 1'-4" x 1'-4"	689	50	41	34	33	29	26	22
1'-6" x 1'-6" x 1'-6"	988	66	55	45	43	39	34	29
1'-8" x 1'-8" x 2'-0"	1,791	102	85	70	67	60	52	45
1'-8" x 1'-8" x 2'-6"	2,537	127	106	88	84	75	65	57
2'-0" x 2'-0" x 2'-0"	2,343	132	110	91	87	78	68	59
2'-0" x 2'-0" x 2'-6"	3,286	165	138	114	108	97	85	73
2'-6" x 2'-6" x 2'-6"	4,573	230	191	158	151	135	118	102
2'-6" x 2'-6" x 3'-0"	6,024	276	230	190	181	162	141	123

* Roof areas based on attached cover uplift loads.

Notes:

1. Isolated Footing is a poured concrete rectangular solid (Length x Width x Depth).
2. Slab on grade must be new or in good condition.
3. For free standing covers, multiply above roof areas by 1.25.

Pre-Cast Block Footing

Pre-cast footing block (16" x 16" x 4") at 24" below grade with 80 # bag pre-mix concrete and backfilled to grade.

Dimensions	Uplift Rating (lbs.)	Maximum Attributable Roof Area in Square Feet						
		100 MPH	110 MPH	120 MPH	123 MPH	130 MPH	140 MPH	150 MPH
(1) x 80# Bag	1,734	87	72	60	57	51	44	38
(2) x 80# Bag	1,819	91	76	63	59	54	46	40
(3) x 80# Bag	1,904	95	79	66	62	56	49	42

Note: Maximum uplift on post is determined by multiplying maximum attributable roof area x applied load.

Example: Post tributary roof area = 77', Applied load for 110 MPH wind zone = 24#/Sq. Ft., Uplift on post = 77 x 24 = 1,540#

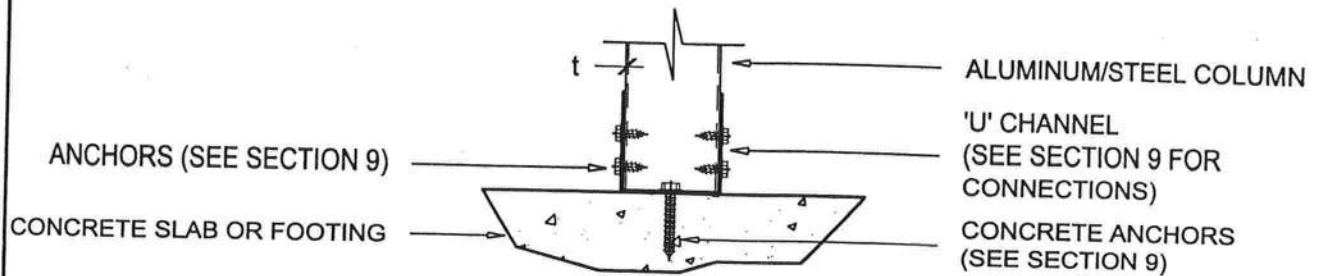
Lawrence E. Bennett, P.E.

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

P.O. BOX 214368, SOUTH DAYTONA, FL 32121

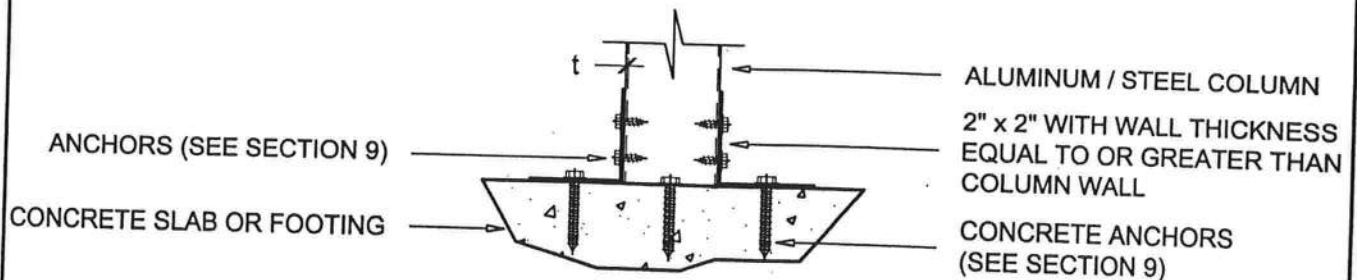
TELEPHONE (386) 767-4774

FAX (386) 767-6556



POST TO CONCRETE CONNECTION
INTERNAL OR EXTERNAL RECEIVING CHANNEL

SCALE: 3" = 1'-0"

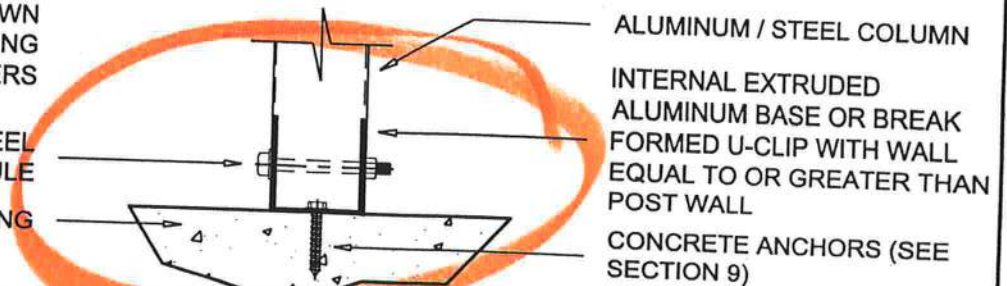


POST TO CONCRETE CONNECTION
INTERNAL OR EXTERNAL ANGLE CLIPS

SCALE: 3" = 1'-0"

NOTE:
ATTACHMENT DETAILS SHOWN
REQUIRE DIAGONAL BRACING
FOR FREE-STANDING COVERS

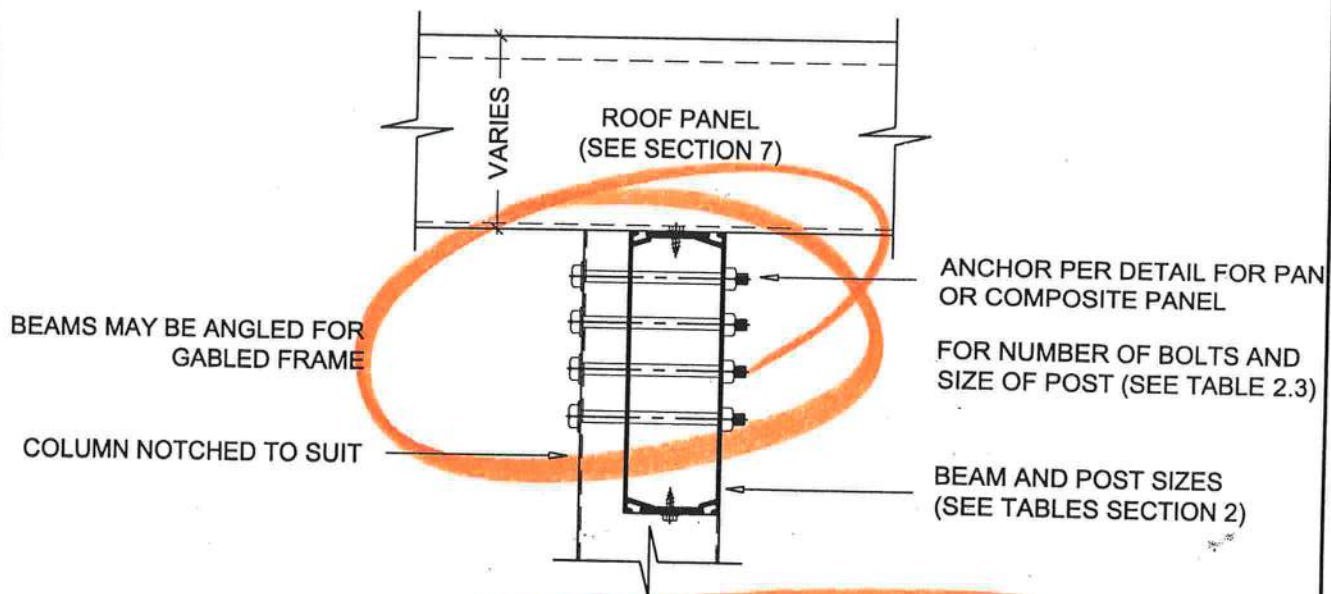
CORROSION RESISTIVE STEEL
THRU BOLT PER SCHEDULE
CONCRETE SLAB OR FOOTING



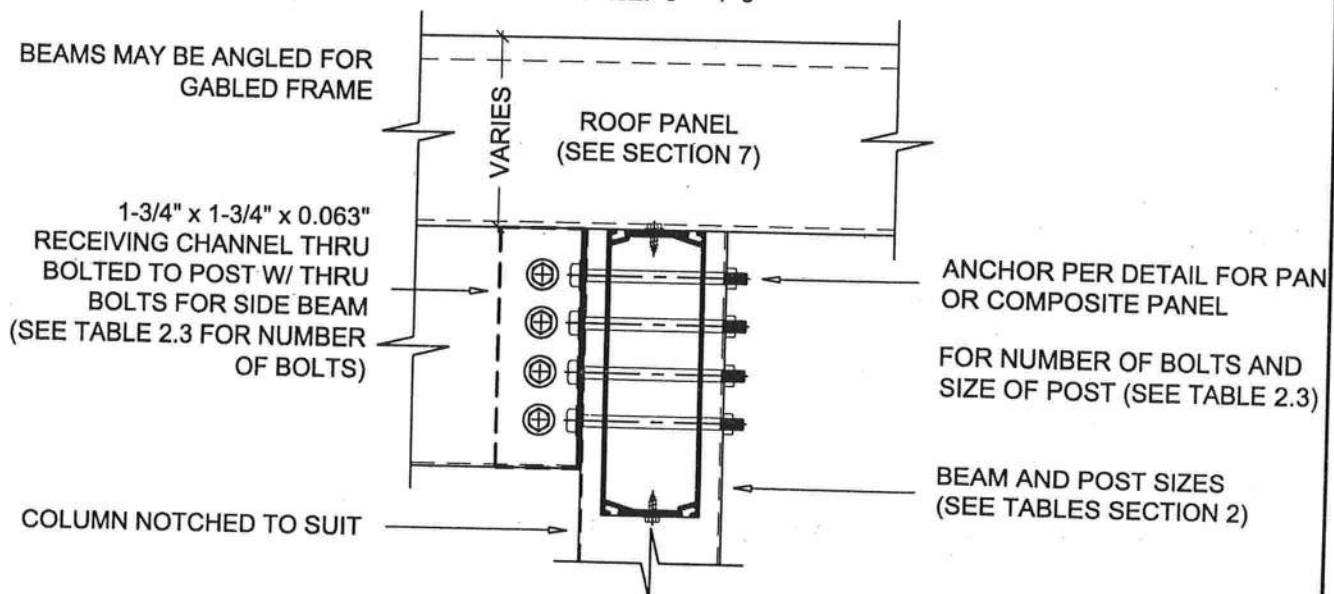
POST TO CONCRETE CONNECTION
TUBE COLUMN BASE SCHEMATIC INTERNAL BASE

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E.
CIVIL ENGINEER - DEVELOPMENT CONSULTANT
P.O. BOX 214368, SOUTH DAYTONA, FL 32121
TELEPHONE (386) 767-4774
FAX (386) 767-6556

**SIDE NOTCH POST TO BEAM CONNECTION**

SCALE: 3" = 1'-0"

**CENTER NOTCH POST TO BEAM CONNECTION**

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E.
 CIVIL ENGINEER - DEVELOPMENT CONSULTANT
 P.O. BOX 214368, SOUTH DAYTONA, FL 32121
 TELEPHONE (386) 767-4774
 FAX (386) 767-6556

Table 2.1.3-110 Allowable Roof Beam Spans

For Attached Covers, Fourth Wall Structures, or Freestanding Gabled Carports

For 3 sec. wind gust at 110 MPH; using design load of 12 #/SF (36 #/SF for Max. Cantilever)

Aluminum Alloy 6063 T-6

2" x 7" x 0.055" x 0.120" Self Mating Beam					2" x 7" x 0.055" x 0.120" Self Mating Beam w/ Insert				
Load	Max. Span 'L'/(bending 'b' or deflection 'd')				Load	Max. Span 'L'/(bending 'b' or deflection 'd')			
Width (ft.)	1&2 Span	3 Span	4 Span	Max. Cantilever	Width (ft.)	1&2 Span	3 Span	4 Span	Max. Cantilever
5	17'-4" d	21'-5" d	21'-11" d	3'-7" d	5	20'-11" d	25'-11" d	26'-5" d	4'-0" d
6	16'-4" d	20'-2" d	20'-1" b	3'-4" d	6	19'-9" d	24'-5" d	24'-11" d	4'-0" d
7	15'-6" d	19'-2" d	18'-7" b	3'-2" d	7	18'-9" d	23'-2" d	23'-8" d	3'-10" d
8	14'-10" d	18'-0" b	17'-5" b	3'-1" d	8	17'-11" d	22'-2" d	22'-7" d	3'-8" d
9	14'-3" d	16'-11" b	16'-5" b	2'-11" d	9	17'-3" d	21'-4" d	21'-9" d	3'-7" d
10	13'-9" d	16'-1" b	15'-7" b	2'-10" d	10	16'-8" d	20'-7" d	20'-8" b	3'-5" d
11	13'-4" d	15'-4" b	14'-10" b	2'-9" d	11	16'-2" d	19'-11" d	19'-9" b	3'-4" d
12	12'-11" d	14'-8" b	14'-2" b	2'-8" d	12	15'-8" d	19'-4" d	18'-11" b	3'-3" d
2" x 8" x 0.072" x 0.224" Self Mating Beam					2" x 9" x 0.072" x 0.224" Self Mating Beam				
Load	Max. Span 'L'/(bending 'b' or deflection 'd')				Load	Max. Span 'L'/(bending 'b' or deflection 'd')			
Width (ft.)	1&2 Span	3 Span	4 Span	Max. Cantilever	Width (ft.)	1&2 Span	3 Span	4 Span	Max. Cantilever
5	21'-6" d	26'-7" d	27'-1" d	4'-0" d	5	23'-7" d	29'-2" d	29'-9" d	4'-0" d
6	20'-3" d	25'-0" d	25'-6" d	4'-0" d	6	22'-3" d	27'-5" d	28'-0" d	4'-0" d
7	19'-3" d	23'-9" d	24'-0" b	3'-11" d	7	21'-1" d	26'-1" d	26'-1" b	4'-0" d
8	18'-5" d	22'-9" d	22'-6" b	3'-9" d	8	20'-2" d	24'-11" d	24'-4" b	4'-0" d
9	17'-8" d	21'-10" d	21'-2" b	3'-8" d	9	19'-5" d	23'-9" b	22'-11" b	3'-11" d
10	17'-1" d	20'-10" b	20'-1" b	3'-6" d	10	18'-9" d	22'-7" b	21'-10" b	3'-10" d
11	16'-7" d	19'-10" b	19'-2" b	3'-5" d	11	18'-2" d	21'-6" b	20'-9" b	3'-9" d
12	16'-1" d	18'-11" b	18'-4" b	3'-4" d	12	17'-8" d	20'-7" b	19'-11" b	3'-7" d
2" x 9" x 0.082" x 0.306" Self Mating Beam					2" x 10" x 0.092" x 0.369" Self Mating Beam				
Load	Max. Span 'L'/(bending 'b' or deflection 'd')				Load	Max. Span 'L'/(bending 'b' or deflection 'd')			
Width (ft.)	1&2 Span	3 Span	4 Span	Max. Cantilever	Width (ft.)	1&2 Span	3 Span	4 Span	Max. Cantilever
5	25'-2" d	31'-0" d	31'-8" d	4'-0" d	5	29'-5" d	36'-4" d	37'-1" d	4'-0" d
6	23'-8" d	29'-3" d	29'-10" d	4'-0" d	6	27'-8" d	34'-3" d	34'-11" d	4'-0" d
7	22'-6" d	27'-9" d	28'-4" d	4'-0" d	7	26'-4" d	32'-6" d	33'-2" d	4'-0" d
8	21'-6" d	26'-6" d	26'-9" b	4'-0" d	8	25'-2" d	31'-1" d	31'-9" d	4'-0" d
9	20'-8" d	25'-6" d	25'-3" b	4'-0" d	9	24'-2" d	29'-11" d	30'-4" b	4'-0" d
10	19'-11" d	24'-8" d	23'-11" b	4'-0" d	10	23'-4" d	28'-10" d	28'-9" b	4'-0" d
11	19'-4" d	23'-7" b	22'-10" b	3'-11" d	11	22'-8" d	27'-11" d	27'-5" b	4'-0" d
12	18'-9" d	22'-7" b	21'-10" b	3'-10" d	12	21'-11" d	27'-2" d	26'-3" b	4'-0" d

* Gabled sloped roofs include gables with a roof slope greater than 1" in 12".

Notes:

1. Above spans do not include length of knee brace. Add horizontal distance from upright to center of brace to beam connection to the above spans for total beam spans.

2. Spans may be interpolated.

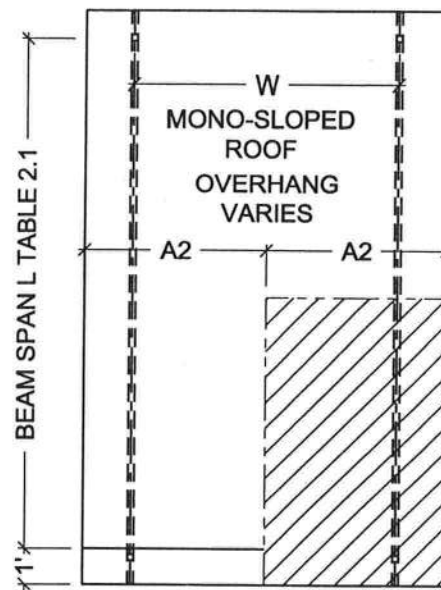
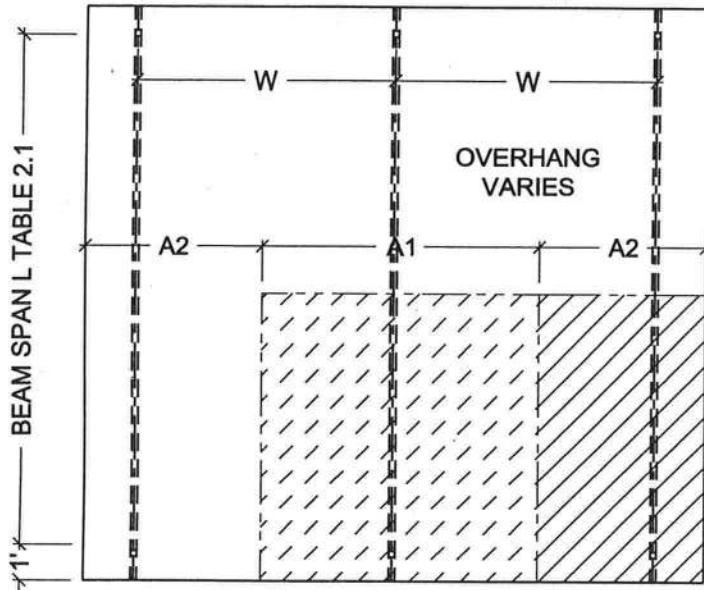
Lawrence E. Bennett, P.E.
 CIVIL ENGINEER - DEVELOPMENT CONSULTANT
 P.O. BOX 214368, SOUTH DAYTONA, FL 32121
 TELEPHONE (386) 767-4774
 FAX (386) 767-6556

SECTION 2

ATTACHED & FREE-STANDING COVERS AND UTILITY SHEDS

NOTE: BEAM SPAN LENGTH "A" FOR TABLE 2 EQUALS THE LARGER OF: $A1 = W$, $A2 = W/2 + O.H.$

SHADING DENOTES MAXIMUM ROOF AREA FOR COLUMNS AND FOOTING

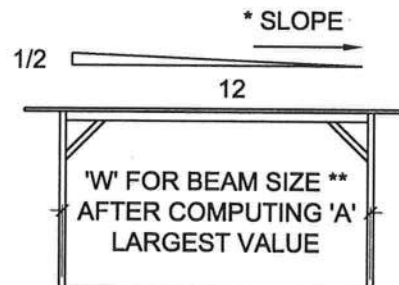
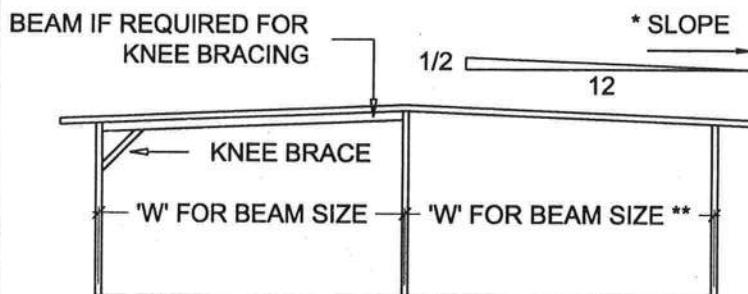


DOUBLE CARPORT

SCALE: $3/16" = 1'-0"$

SINGLE CARPORT

SCALE: $3/16" = 1'-0"$



* MINIMUM SLOPE SHALL BE $1/2"$ PER $12"$ EXCEPT FOR $0.026"$ PANS FOR WHICH THE SLOPE SHALL BE $3/4"$ PER $12"$ FOR SPANS EXCEEDING $12'-0"$ OR MANUFACTURERS RECOMMENDED SLOPE

** SEE BEAM SPAN TABLES FOR FREE STANDING STRUCTURES

POST SIZE AND SPACING PER TABLE 2.2.1 AND / OR TABLE 2.2.2

NOTE: KNEE BRACES ARE REQUIRED IF POSTS ARE NOT SET IN CONCRETE FOOTING

END VIEW DOUBLE CARPORT (GABLED)

SCALE: $3/16" = 1'-0"$

END VIEW SINGLE CARPORT

SCALE: $3/16" = 1'-0"$

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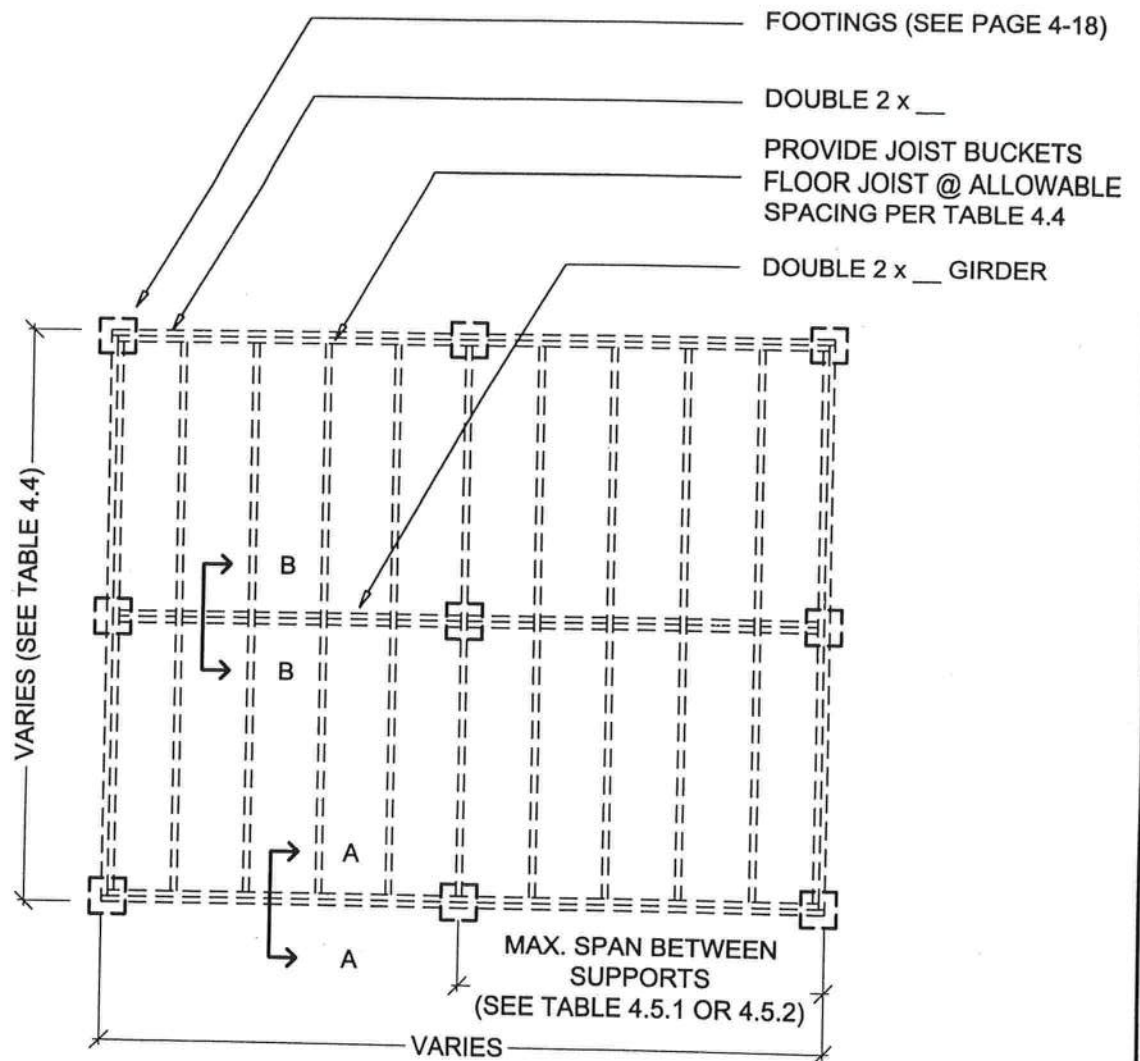
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DECK

STRUCTURES WITH WOOD FRAME WALLS
& ALUMINUM ROOF SYSTEMS

SECTION 4



DECKING MAY BE 5/8" OR 3/4" PLYWOOD OR 5/4" x 6" OR 2 x 6 PLANKING (SEE SECTIONS NEXT PAGE)

TYPICAL WOOD DECK FRAMING PLAN

SCALE: 3/16" = 1'-0"

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PAGE

4-3

STRUCTURES WITH WOOD FRAME WALLS & ALUMINUM ROOF SYSTEMS

SECTION 4

Table 4.3 Allowable Header Spans for Bearing Walls
Headers Constructed of #2 Grade Non-dense Pine w/ or w/o Pressure Treatment w/ 1/2" Plywood Spacer
Supporting Aluminum Roof System Loads Only

Roof Span	Wind Load / Applied Load									
	100 M.P.H. / 22 #/Sq. Ft.					150 M.P.H. / 50 #/Sq. Ft.				
	Header Size					Header Size				
	(2) 2 x 6	N J	(2) 2 x 6	N J	(2) 2 x 12	(2) 2 x 6	N J	(2) 2 x 6	N J	(2) 2 x 12
2	15'-2"	1	18'-8"	1	22'-3"	1	25'-8"	1	14'-5"	1
6	10'-6"	1	12'-11"	1	15'-5"	1	17'-9"	1	9'-11"	1
10	8'-11"	1	10'-11"	1	13'-0"	1	15'-0"	1	8'-5"	1
14	7'-11"	1	9'-9"	1	11'-8"	1	13'-5"	1	7'-6"	1
18	7'-4"	1	8'-11"	1	10'-9"	1	12'-4"	1	6'-11"	1
22	6'-10"	1	8'-5"	1	10'-0"	1	11'-6"	1	6'-6"	1
26	6'-5"	1	7'-11"	1	9'-6"	1	10'-11"	1	6'-1"	1
30	6'-2"	1	7'-7"	1	9'-0"	1	10'-5"	1	5'-10"	1
32	6'-0"	1	7'-5"	1	8'-10"	1	10'-2"	1	5'-8"	1

Notes:

1. N.J. is the required number of jack studs. If the number of jack studs is (1) then the header may be supported by a Semco or equal joist bucket. Jack studs are assumed to be #2 spruce, pine, or fir.
2. Use 110 M.P.H. / 27 Sq. Ft. for wind design speeds less than 110 M.P.H.
3. Applied load includes 2# / Sq. Ft. dead load.
4. Building width is measured perpendicular to the ridge. For widths between those shown, spans may be interpolated.
5. Spans may be interpolated.

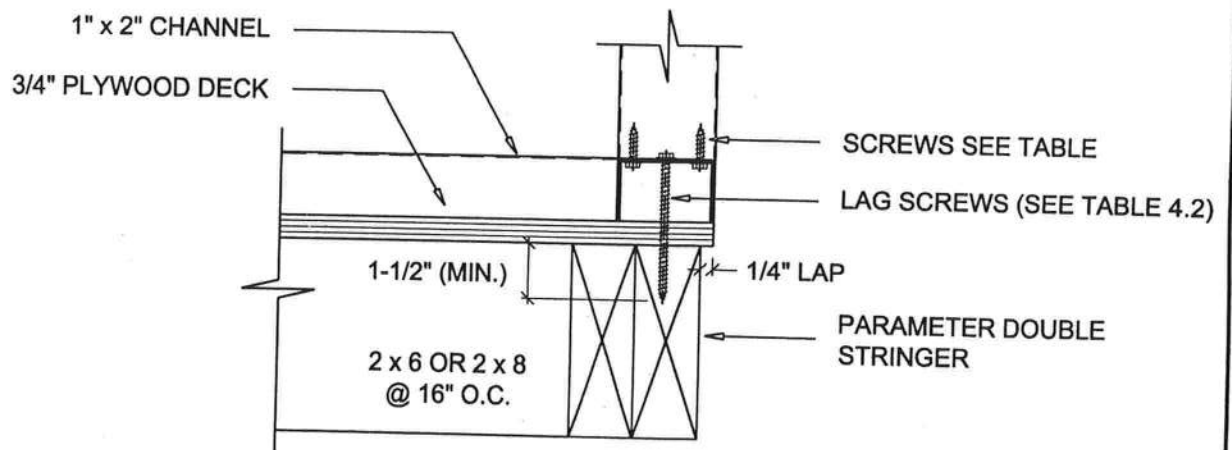
Table 4.4 Allowable Floor Joist Spans for Decks and Floors
Joists Constructed of #2 Grade Non-dense Pine w/ or w/o Pressure Treatment
Supporting Roof and Ceiling Loads Only

Joist Spacing	Applied Load									
	45#/sq. ft.					55#/sq. ft.				
	1 & 2 Span					Three Span				
	(2) x 6"	2" x 8"	2" x 10"	2" x 12"	2" x 6"	(2) x 6"	2" x 8"	2" x 10"	2" x 12"	2" x 6"
12"	10'-2"	13'-4"	16'-11"	20'-0"	12'-6"	16'-2"	19'-2"	20'-0"	20'-0"	2" x 8"
16"	9'-3"	12'-2"	15'-5"	18'-8"	10'-11"	14'-1"	16'-9"	19'-6"	17'-7"	2" x 10"
24"	8'-1"	10'-8"	13'-7"	15'-10"	8'-11"	11'-7"	13'-9"	16'-1"	7'-7"	2" x 12"

Notes:

1. Applied load includes 5# / Sq. Ft. dead load for deck. Joist weight is also considered as part of limiting span.
2. Joist shall be lapped over support and nailed together. Splicing of joist shall not be allowed.
3. The above tables have been restricted to reflect the maximum length of p.t.p. available which is 20'-0".

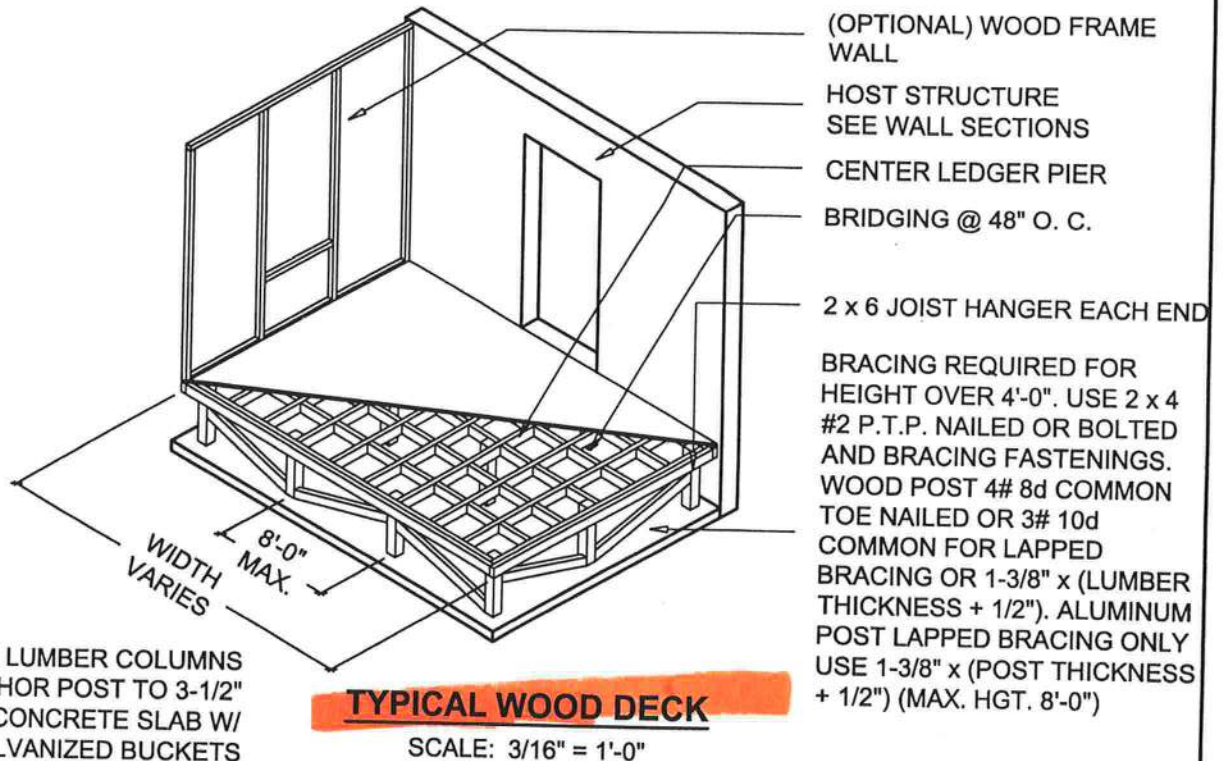
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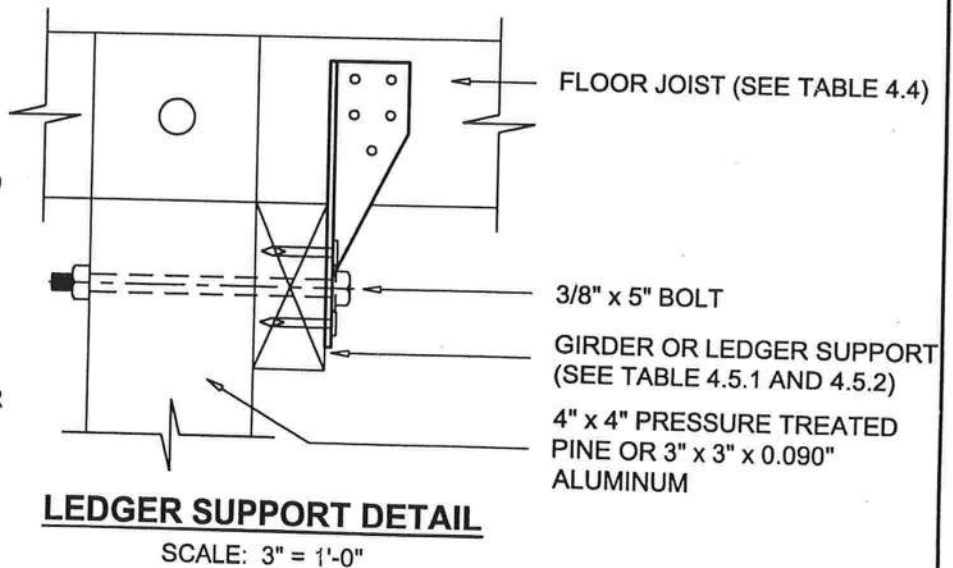
SCREEN ROOM WALL TO WOOD DECK

SCALE: 3" = 1'-0"

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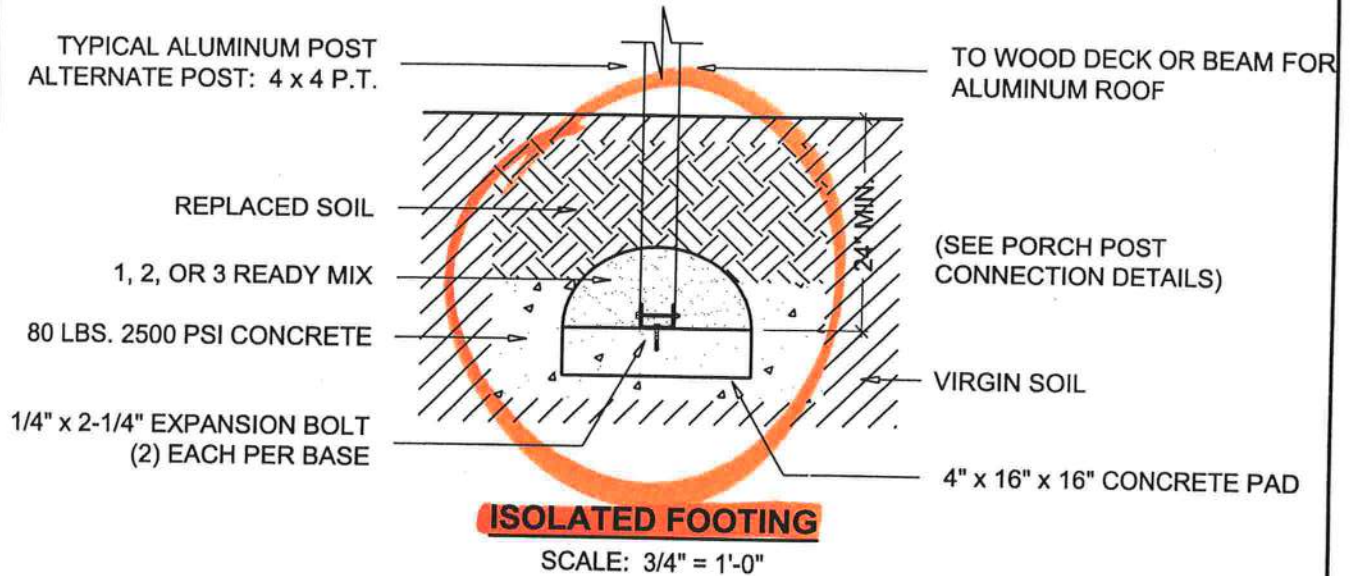


1. ALL WALL FRAMING 16" O.C. (EXCEPTION: 24" O.C. FOR WOOD STORAGE ROOM)
2. PIER POST CAN BE BOLTED TO SLAB OR CONTINUOUS FOOTER OR HAVE ISOLATED CONCRETE FOOTER EACH PIER (SEE DETAIL)
3. CENTER STRINGER MAY BE REQUIRED (SEE TABLE 4.5.1 AND 4.5.2)
4. HURRICANE ANCHOR EACH JOIST TO CENTER STRINGER W/ SIMPSON H5
5. OPEN DECKS OVER 30" IN HEIGHT ABOVE GRADE HAVE A GUARD RAIL SYSTEM



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FOOTING DETAILS

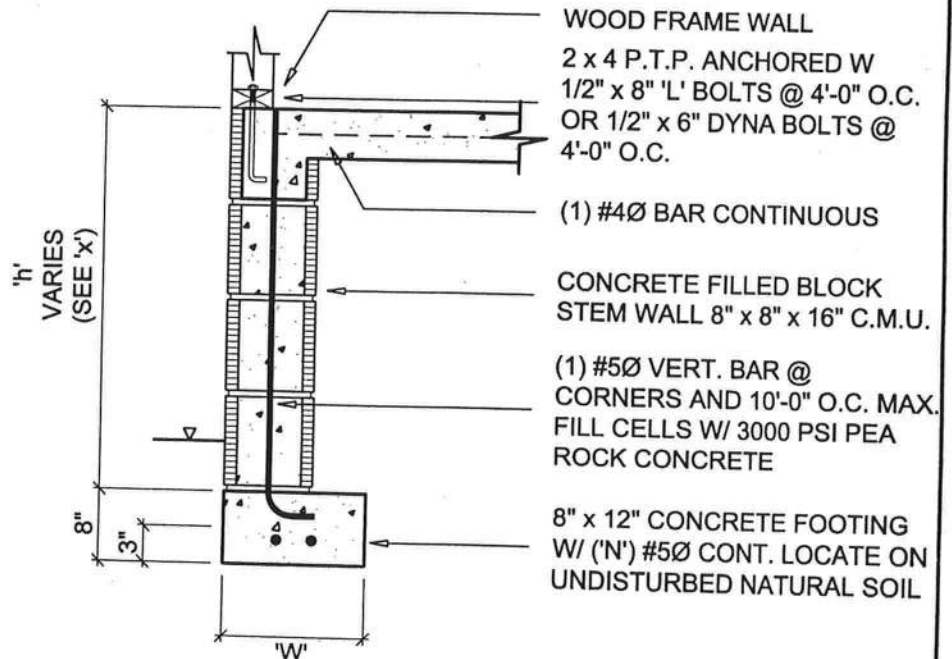


Dimension Table

'h'	'W'	'N'	'x'*
32"	12"	2"	10'-0"
36"	12"	2"	8'-0"
48"	18"	3"	4'-0"

* ALL MASONRY KNEE WALLS
SHALL HAVE A FILLED CELL
AND VERTICAL BAR AT ALL
CORNERS

3-1/2" CONCRETE SLAB W/
6 x 6 - 10 x 10 WELDED WIRE
MESH OR FIBER MESH
CONCRETE VISQUEEN VAPOR
BARRIER UNDER SLABS
HAVING STRUCTURES ABOVE
COMPACTED CLEAN FILL
OVER (SCARIFIED) NATURAL
SOIL 90% DENSITY



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NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 014S1707476000

1. Description of property: (legal description of the property and street address or 911 address)

Inst: 2004019499 Date: 08/24/2004 Time: 11:58
YMK DC, P. DeWitt Cason, Columbia County B: 1024 P: 791

2. General description of improvement: Screen Enclosure

3. Owner Name & Address Robert Moore 328 S.E. Sandy Dr.
Lake City Fla. 32025 Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name RICHARDSON Aluminum Phone Number 386-755-5779
Address 692 S.W. Arlington Blvd. Lake City Fla. 32025

6. Surety Holders Name _____ Phone Number _____
Address _____

Amount of Bond _____

7. Lender Name _____ Phone Number _____
Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name _____ Phone Number _____
Address _____

9. In addition to himself/herself the owner designates _____ of
_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Robert Moore
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of July 30, 2004

NOTARY STAMP/SEAL

Sandra H. Tillotson
Signature of Notary



SANDRA H. TILLOTSON
MY COMMISSION # DD 174127
EXPIRES: January 31, 2007
Bonded Thru Budget Notary Services

755-1887

Fax 916/04

COLUMBIA COUNTY ALUMINUM

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 01-4S-17-07476-000

Building permit No. 000022228

Use Classification SCREEN ENCLOSURE

Fire:

Permit Holder RICHARDSON ALUMINUM

Waste:

Owner of Building ROBERT MOORE

Total: .00

Location: 328 SE SANDY DRIVE, LAKE CITY, FL 32025

Date: 09/03/2004



Sandy Dieke

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)