DATE 12/13/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000023959

APPLICANT DAVID SIMQUE PHONE 755-7787

ADDRESS 0 PO BOX 2962 LAKE CITY FL 32056

OWNER WAYNE HUDSON PHONE

ADDRESS 0 PO BOX 2273 LAKE CITY FL 32056

CONTRACTOR DAVID SIMQUE PHONE

LOCATION OF PROPERTY 47 SOUTH WEST ON 242 JUST PAST I 75, RIGHT ON SPENCER COURT, ON L @ END

TYPE DEVELOPMENT METAL WAREHOUSE ESTIMATED COST OF CONSTRUCTION 60000.00

HEATED FLOOR AREA 7000.00 TOTAL AREA 7000.00 HEIGHT 20.00 STORIES 1

FOUNDATION CONCRETE WALLS METAL ROOF PITCH 2/12 FLOOR SLAB

LAND USE & ZONING CHI MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 5.00 SIDE 15.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 30-4S-17-08885-006 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 3.60

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

EXISTING | 05-1051-N | BK | JH | N

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: TENANTS WILL PULL PERMITS ON EACH UNIT FOR POWER

Check # or Cash

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by | Foundation date/app. by | Monolithic date/app. by

Under slab rough-in plumbing date/app. by | Slab date/app. by | Sheathing/Nailing date/app. by

Framing date/app. by | Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by | Heat & Air Duct date/app. by | Peri. beam (Lintel) date/app. by

Permanent power date/app. by | C.O. Final date/app. by | Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by | Pool date/app. by

Reconnection date/app. by | Pump pole date/app. by | Utility Pole date/app. by

M/H Pole date/app. by | Travel Trailer date/app. by | Re-roof date/app. by

BUILDING PERMIT FEE $ 300.00 CERTIFICATION FEE $ 35.00 SURCHARGE FEE $ 35.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 445.00

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 INCONVIENCE, 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

CK# 1665 867-0294 Revised 9-23-04

For Office Use Only Application # 0511-105 Date Received 11/29 By JW Permit # 23959

Application Approved by - Zoning Official BLK Date 12.12.05 Plans Examiner OK JTH Date 12-13-05

Flood Zone X Development Permit N/A Zoning CHI Land Use Plan Map Category Highway Interchange

Comments Tenants will pull permit for power ~~and~~ on each rental unit.

Applicants Name David Simoné Phone 386-755-7787

Address P.O. Box 2962 Lake City, FL 32056

Owners Name Wayne T. Hudson Phone

911 Address 200 S.W. Spencer Court Lake City FL 32024

Contractors Name Simoné Construction Phone 755-7787

Address P.O. Box 2962 Lake City, FL 32056

Fee Simple Owner Name & Address Wayne T. Hudson P.O. Box 2273 Lake City

Bonding Co. Name & Address

Architect/Engineer Name & Address Mark Disosway P.E. 754-5419

Mortgage Lenders Name & Address NA

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy

Property ID Number 30-45-17-08885-006 Estimated Cost of Construction 60,000

Subdivision Name Lot ____ Block ____ Unit ____ Phase ____

Driving Directions Highway 47 South to 242 W, turn right on Spencer Court, Building site on left at end of road.

Type of Construction Metal Building Warehouse Number of Existing Dwellings on Property 2

Total Acreage 3.6 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 30' Side 30' Side ~~50~~ 90' Rear 25'

Total Building Height 20' Number of Stories 1 Heated Floor Area 7000' Roof Pitch 2/12

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 COMMENCMENT 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) Contractor Signature

STATE OF FLORIDA
COUNTY OF COLUMBIA

CRISTA THOMAS
MY COMMISSION # DD092740
EXPIRES Feb 14, 2006
Bonded Thru Notary Public Underwriters

Contractors License Number

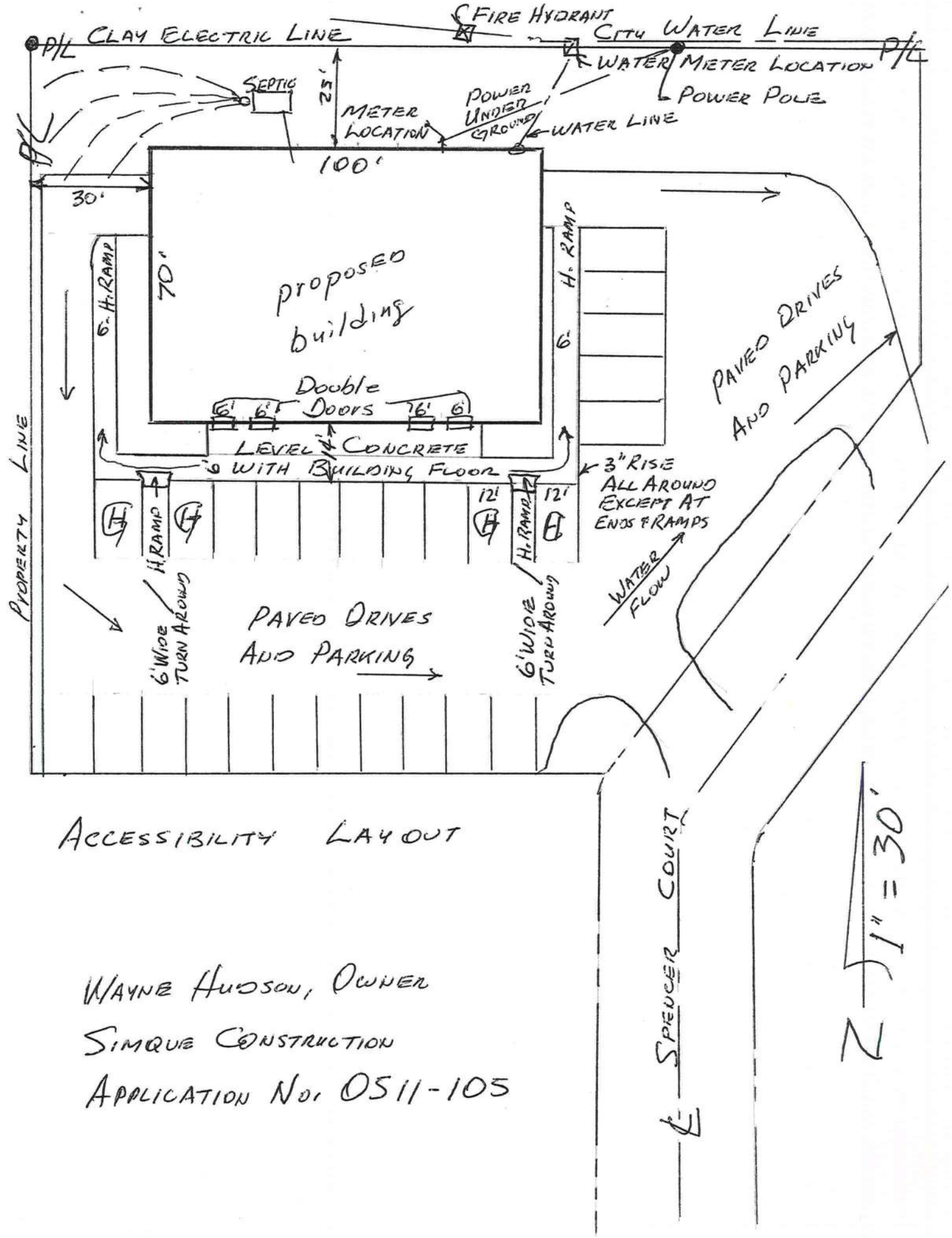
Competency Card Number

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 28 day of NOV 2005.

Personally known ✓ or Produced Identification ____

Notary Signature

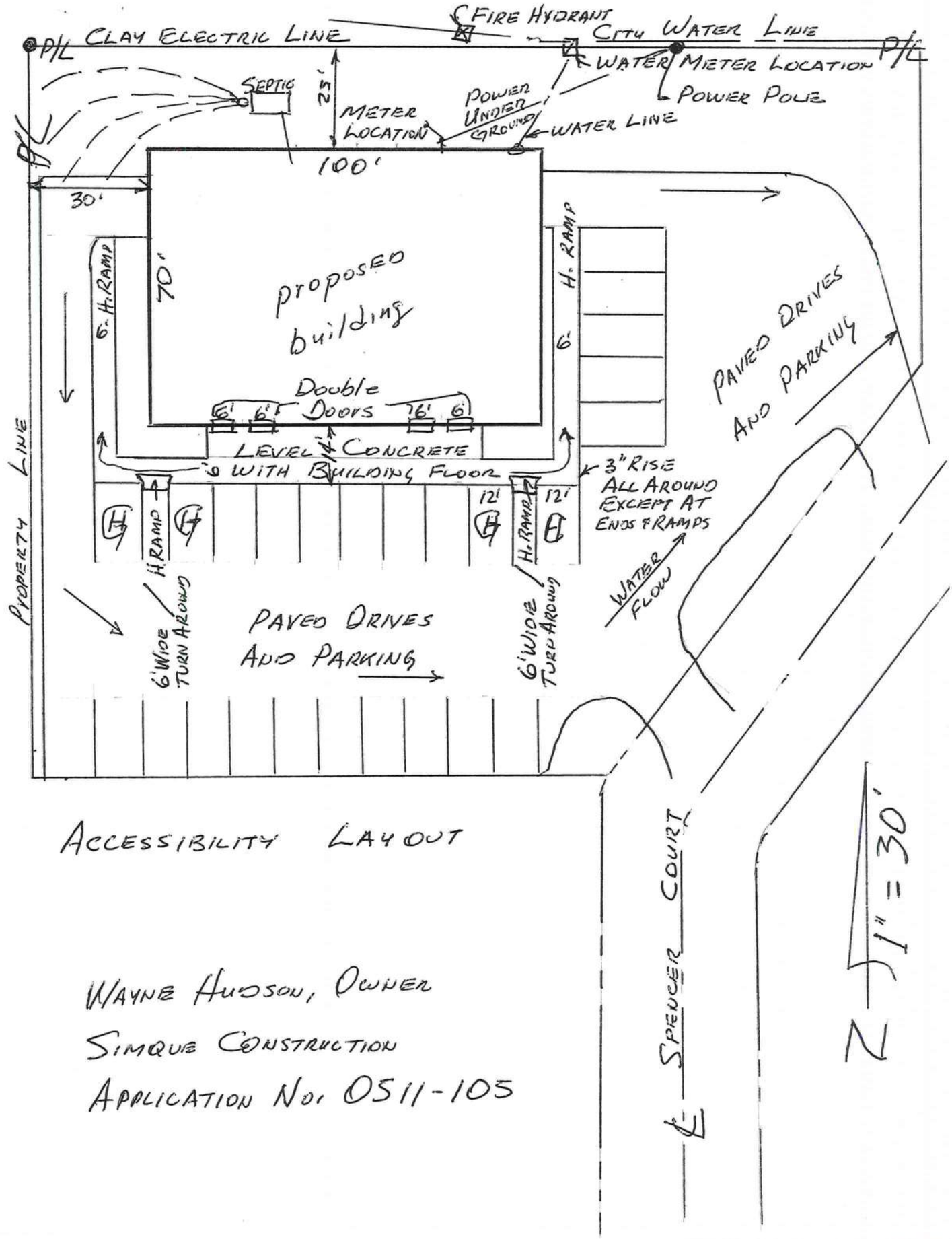


ACCESSIBILITY LAYOUT

WAYNE HUDSON, OWNER

SIMQUE CONSTRUCTION

APPLICATION NO. 0511-105



ACCESSIBILITY LAYOUT

WAYNE HUDSON, OWNER

SIMQUE CONSTRUCTION

APPLICATION NO. 0511-105

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.

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 30-4S-17-08885-006

1. **Description of property: (legal description of the property and street address or 911 address)**
SPENCER COURT
COMMENCE NW COR, RUN S 691.5 ft, E 333 ft. for POB, CONT. E. 337.5 ft, S 133.59 ft, W 65 ft, N 63.85 ft, SW 171.83 ft, S 180.81 ft, E 193.39 ft, S 236.44 ft, W 334.34 ft, N 600 ft. to POB.
2. **General description of improvement:** 7060 sq. ft. 20 ft. HEIGHT METAL BUILDING
3. **Owner Name & Address** WAYNE T. HUDSON P.O. BOX 2273 LAKE CITY, FL. 32056
Interest in Property FEE SIMPLE
4. **Name & Address of Fee Simple Owner (if other than owner):**
5. **Contractor Name** SIMMONS CONSTRUCTION **Phone Number** 755-7787
Address P.O. BOX 2962 LAKE CITY, FL 32056
6. **Surety Holders Name** **Phone Number**
Address
Amount of Bond
Inst:2005030243 Date:12/06/2005 Time:16:11
7. **Lender Name** N/A DC,P.DeWitt Cason,Columbia County B:1067 P:899
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 OWNER ONLY **Phone Number** 386 752 1364
Address SEE ABOVE
9. **In addition to himself/herself the owner designates** NA **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.

Wayne T. Hudson
Signature of Owner

Sworn to (or affirmed) and subscribed before day of NOV 28, 20 05

NOTARY STAMP/SEAL

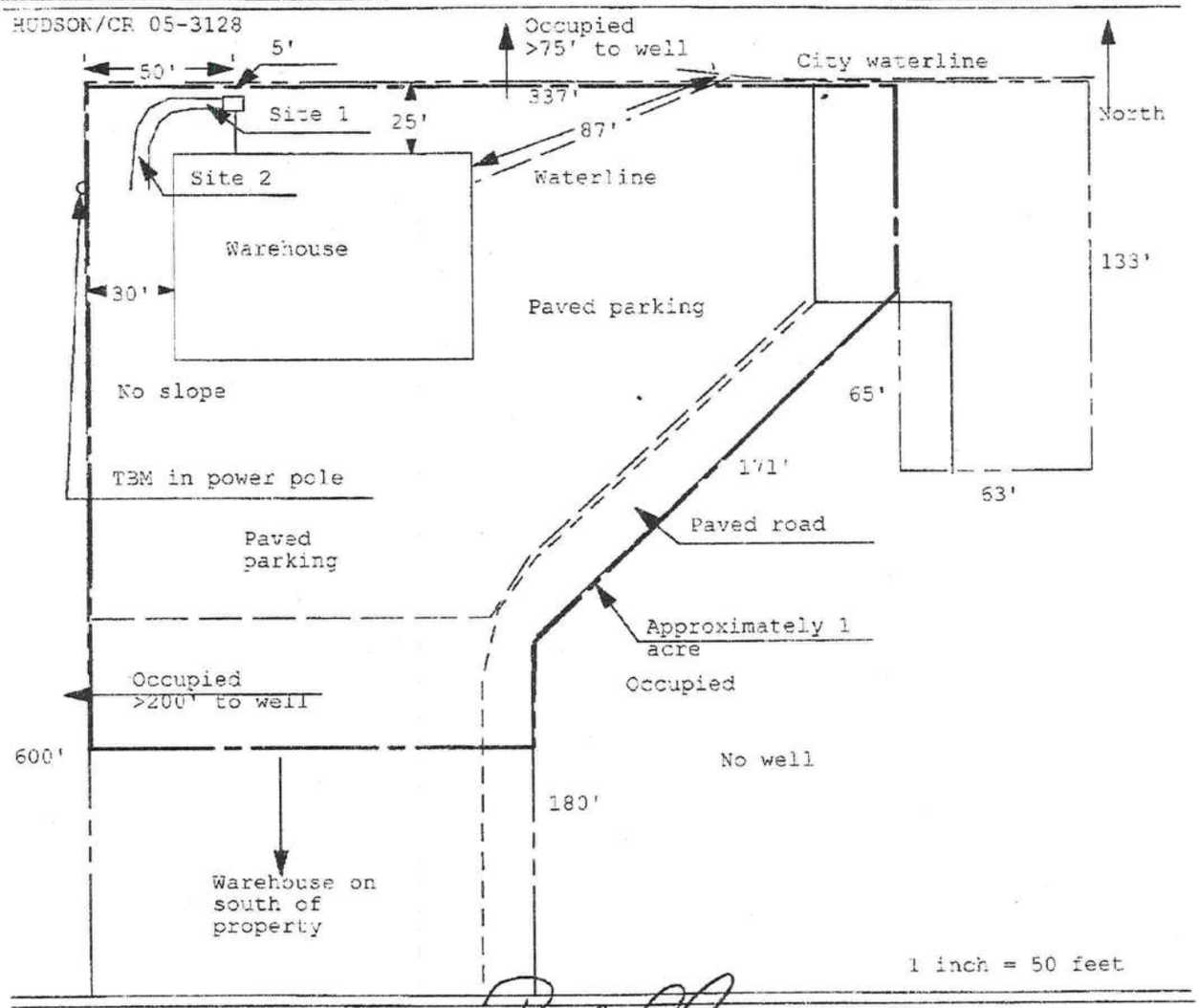
CRISTA THOMAS
MY COMMISSION # DD092740
EXPIRES Feb 14, 2006
Bonded Thru Notary Public Underwriters

Signature of Notary

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 05-1051W

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lloyd Date 10/3/05

Plan Approved ✓ Not Approved ____ Date 10/18/05

By [signature] Columbia CPHU

Notes: _____

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Waiting on Zoning Issue per Brian Kepner 12-1-05

Reference to: Build permit application Number: 0511-105

Simque Construction/Owner Wane Hudson 200 SW Spencer Court

On the date of December 1, 2005 application 0511-105 and plans for construction of a one story 70 foot by 100 foot, 7,000 square feet, type three metal building to be used for a storage group S type warehouse occupancy (see storage group S type warehouse occupancy permitted usages below, the floor plan as submitted show no interior office or interior retail sales area and will be so permitted for type S warehouse occupancy) were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0511-104 when making reference to this application.

Permitted usages by the FBC-2004 for Group S-1: Buildings occupies, sections 311.2 Moderate-hazard storage, Group S-1: Buildings occupied for storage uses which are not classified as Group S-2 including, but not limited to, storage of the following:

Aerosols, Levels 2 and 3

Aircraft repair hangar

Bags; cloth, burlap and paper

Bamboos and rattan

Baskets

Belting; canvas and leather

Books and paper in rolls or packs

Boots and shoes

Buttons, including cloth covered, pearl or bone

Cardboard and cardboard boxes

Clothing, woolen wearing apparel

Cordage

Furniture

Furs

Glues, mucilage, pastes and size

Grains

Horns and combs, other than celluloid

Leather

Linoleum

Lumber

Motor vehicle repair garages complying with the maximum allowable quantities of hazardous materials listed in Table 307.7(1) (see Section 406.6)

Photo engravings

Resilient flooring

Silks

Soaps
Sugar
Tires, bulk storage of
Tobacco, cigars, cigarettes and snuff
Upholstery and mattresses
Wax candles

1. The interior floor plan submit 12/05/2005 shows two single story interior fire wall, please submit a drawing, detailing the method and materials to be used to construct a 1-hour fire rated wall to extend from the finished floor to the under side of the roof decking.
2. The electrical wiring plan detail as submitted will need revised to show a means of exterior disconnect for each tenant electrical panel to comply with the code NEC-2002. Show an electrical service entrance riser detail plan that will provide information on the exterior disconnect for each tenant electrical panel.
3. The soils in the area in which this building permit application make reference to are considered questionable soil by Mr. Mark Disosway as described in section 1802.2.1 of the FBC-2004 therefore please follow the prescribed testing methods of chapter 18 to reveal the soil load bearing capacities. Please have a registered professional conduct subsurface explorations at the project site upon which foundations are to be constructed, a sufficient number (not less than four, one boring on each corner of the building foundation) borings shall be made to a depth of not less than 10 feet (3048 mm) below the level of the foundations to provide assurance of the soundness of the foundation bed and its load-bearing capacity. The foundation design for the structure which this building permit application make reference to are to have soil bearing capacities of no less than 2,000 PSI. Per Mr. Disosway foundation design plan reference job # 511174.

4. On the elevation plan show the requirements of the FBC-2004 Chapter 11 Florida Accessibility code for building Construction.
5. Please submit an approved copy of the Columbia County Environmental Health Department site plan application for an on site waste water septic system.
6. Please submit a letter form the potable water well contractor which will describe the equipment to be used to supply potable water to this building. Include the size of pump motor, size of pressure tank and cycle stop valve if used.

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

SURFACEWATER MANAGEMENT PLAN

FOR

HUDSON'S 242 WAREHOUSE FACILITY

Prepared By:

Civil Design Associates, Inc.

The calculations, information, and supporting data contained herein was prepared by me or persons under my direct supervision and control.

_____

Stephen C. Wilson, P.E.
Fla. License #37392

_____

Date

PROJECT DESCRIPTION

The proposed project calls for the construction of three warehouse buildings with appurtenant parking located on an approximately 3.5 acre site on C.R. 242 in Columbia County just west of its intersection with S.R. 47.

EXISTING SITE CONDITIONS

The site is currently undeveloped improved grass with a few scattered trees. There is an existing paved road that bisects the property which serves existing development located north of the site. The topography is relatively flat with a gently slope from north to south. This results in the majority of the existing surfacewater runoff being directed to the C.R. 242 ditch. The roadside ditch then coveys the runoff to the Cannon Creek overflow system which ultimately discharges into Clay Hole Creek, a stream to sink system.

The soils on the site are well-drained with no detectable water table in the top 72 inches of soil. The presence of a wastewater percolation pond serving a motel to the east indicates long term percolation rates to be reliably moderate. Given this information the existing runoff potential is low to moderate.

PROPOSED IMPROVEMENTS AND DESIGN CONSIDERATIONS

The proposed improvements will consists of three warehouse facilities and associated paved parking areas. This information is detailed and tabulated on the accompanying site plan. Initially one warehouse will be constructed, but the entire surfacewater management system will be built during this phase.

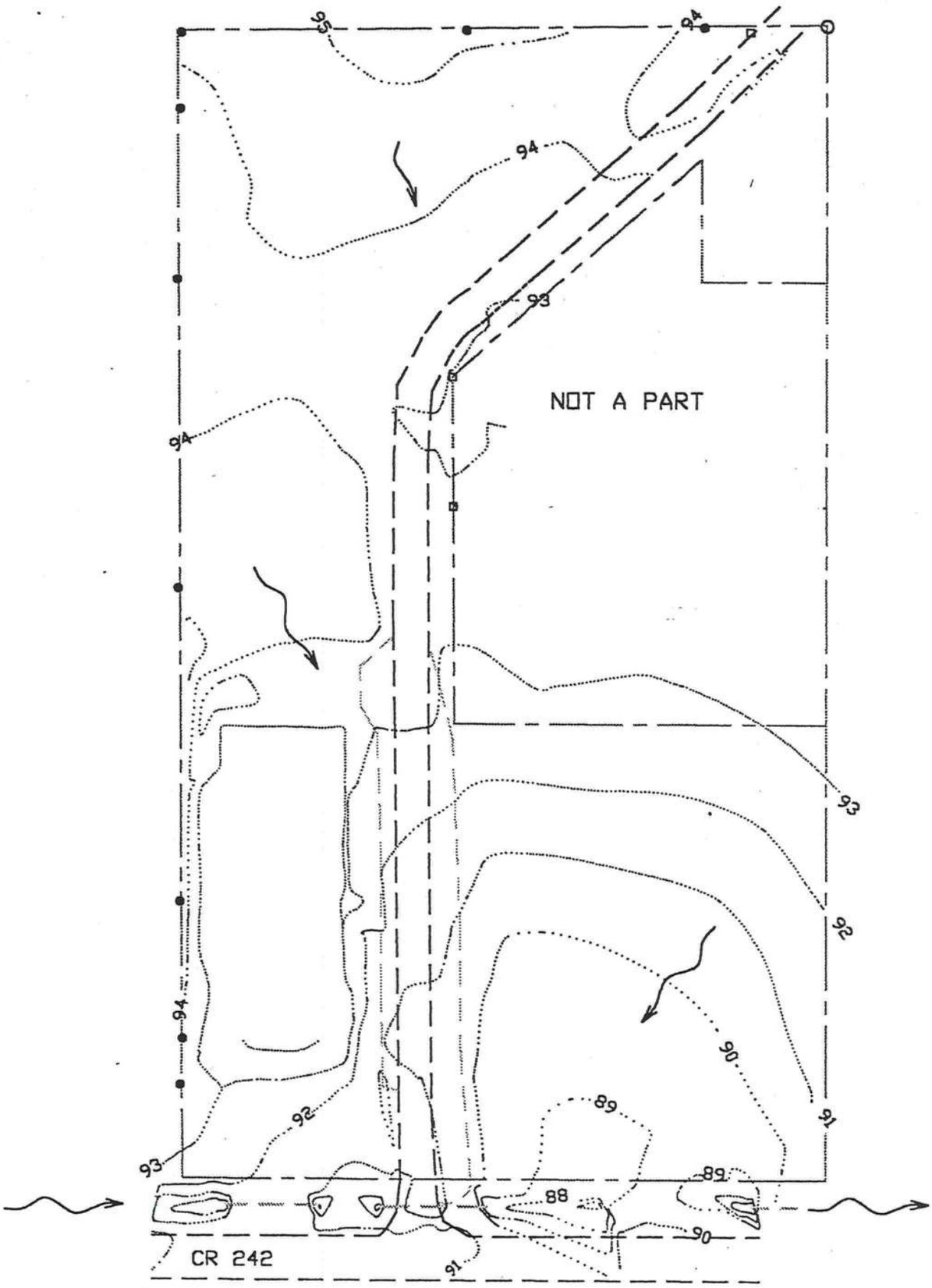
Water quality requirements are set by the SRWMD criteria for stream to sink watersheds which require retention of the runoff from the first two inches of rainfall. This will be in the form of dry retention. Water quantity requires detention of additional runoff such that the post-developed peak rate of discharge does not exceed the pre-developed peak rate of discharge for all storm events up through and including the 100 year critical storm.

These requirements will be met through the construction of two independent stormwater basins. The pre-developed and post-developed watershed boundaries for the two proposed systems are depicted on the attached drawings. Each system will provide dry retention for the runoff generated from the contributing watershed from the first two

inches of rainfall. The remaining volume will be in the form of controlled detention to limit the post-developed peak rate of discharge to that as required by Rule.

The detention analysis was performed using the modified rational method as summarized in the attached computer output. A percolation rate of 0.2 inches per hour was used in the hydrograph routing procedure. Corresponding watershed data and basin stage-storage-discharge data is provided on the computer output.

The data indicates the system will meet the requirements as set forth in Rule 40B-4.



PRE-DEVELOPED CONDITION

Water Quality Calculations

Criteria: Retention of runoff generated by two inches of rainfall.

Basin 1:

Contributing Area = 2.52 acres

Composite Runoff Coefficient = 0.6

$V = (0.6)(2.52)(2'')(1ft/12'')$

$= 0.252$ ac-ft

Basin 2:

Contributing Area = 1.60 acres

Composite Runoff Coefficient = 0.56

$V = (0.56)(1.60)(2'')(1ft/12'')$

$= 0.149$ ac-ft

This Program uses the Suwannee River Water Management District's rainfall distributions, a total rainfall amount entered by the user, and the rational method to compute a runoff hydrograph. The hydrograph is routed through a retention/detention area using the Storage Indication Method.

PROJECT DESCRIPTION:
HUDSON'S 242 WAREHOUSE FACILITY
COLUMBIA COUNTY, FLORIDA
BASIN ONE

DRAINAGE AREA = 2.52 ACRES
PRE-DEVELOPED RUNOFF COEFFICIENT = .25
POST-DEVELOPED RUNOFF COEFFICIENT = .6

STAGE (FT)	STORAGE (AC FT)
87.01	0
88.00	.089
89.00	.209
89.50	.281
90.00	.363
90.50	.454
91.00	.556
91.50	.595

STAGE (FT)	DISCHARGE (CFS)
89.00	0.00
89.50	0.20
90.00	0.60
90.50	0.90
91.00	1.12
91.50	1.30

STAGE (FT)	PERCOLATION (CFS)
87.00	0.00
87.01	0.02
88.00	0.02
89.00	0.03
89.50	0.03
90.00	0.03
90.50	0.04
91.00	0.04
91.50	0.04

STORM DURATION	FREQUENCY (YRS)	TOTAL RAINFALL (IN)	ALLOWABLE DISCHARGE (CFS)	PEAK SURFACE DISCHARGE (CFS)	ALLOWABLE DISCHARGE VOLUME (AC FT)	SURFACE DISCHARGE VOLUME (AC FT)	MAXIMUM STAGE	STORAGE USED (AC FT)
1H	100	4.05	5.49	0.95	0.2126	0.2593	90.60	0.4750
2H	100	5.1	4.02	1.06	0.2677	0.3754	90.85	0.5259
4H	100	6.04	1.98	1.24	0.3171	0.4849	91.34	0.5828
8H	100	7.28	1.93	1.14	0.3822	0.5763	91.05	0.5603
24H	100	9.84	0.62	0.90	0.5166	0.9254	90.51	0.4558
1H	10	3	4.06	0.58	0.1575	0.1342	89.97	0.3581
2H	10	3.66	2.88	0.69	0.1921	0.2055	90.15	0.3900
4H	10	4.6	1.51	0.91	0.2415	0.3138	90.51	0.4565
8H	10	5.12	1.35	0.78	0.2688	0.3349	90.29	0.4166
24H	10	6.72	0.42	0.60	0.3528	0.5486	90.01	0.3642

This Program uses the Suwannee River Water Management District's rainfall distributions, a total rainfall amount entered by the user, and the rational method to compute a runoff hydrograph. The hydrograph is routed through a retention/detention area using the Storage Indication Method.

PROJECT DESCRIPTION:
HUDSON'S 242 WAREHOUSE FACILITY
COLUMBIA COUNTY, FLORIDA
BASIN 2

DRAINAGE AREA = 1.6 ACRES
PRE-DEVELOPED RUNOFF COEFFICIENT = .25
POST-DEVELOPED RUNOFF COEFFICIENT = .56

STAGE (FT)	STORAGE (AC FT)
90.01	0
91.00	.076
92.00	.1049
93.00	.272
93.50	.358

STAGE (FT)	DISCHARGE (CFS)
92.00	0.00
93.00	0.35
93.50	0.45

STAGE (FT)	PERCOLATION (CFS)
90.00	0.00
90.01	0.01
91.00	0.02
92.00	0.02
93.00	0.03
93.50	0.03

STORM DURATION	FREQUENCY (YRS)	TOTAL RAINFALL (IN)	ALLOWABLE DISCHARGE (CFS)	PEAK SURFACE DISCHARGE (CFS)	ALLOWABLE DISCHARGE VOLUME (AC FT)	SURFACE DISCHARGE VOLUME (AC FT)	MAXIMUM STAGE	STORAGE USED (AC FT)
1H	100	4.05	3.48	0.37	0.1350	0.1596	93.08	0.2857
2H	100	5.1	2.55	0.41	0.1700	0.2260	93.32	0.3274
4H	100	6.04	1.26	0.46	0.2013	0.2887	93.57	0.3704
8H	100	7.28	1.22	0.46	0.2427	0.3410	93.56	0.3676
24H	100	9.84	0.39	0.41	0.3280	0.5405	93.29	0.3216
1H	10	3	2.58	0.23	0.1000	0.0887	92.65	0.2134
2H	10	3.66	1.83	0.28	0.1220	0.1288	92.80	0.2386
4H	10	4.6	0.96	0.36	0.1533	0.1904	93.07	0.2841
8H	10	5.12	0.86	0.33	0.1707	0.2022	92.94	0.2620
24H	10	6.72	0.27	0.28	0.2240	0.3222	92.79	0.2373

SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (904) 362-1001
TELEPHONE: 800-226-1066
FAX (904) 362-1056

GENERAL PERMIT

PERMITTEE:
WAYNE T. HUDSON
POST OFFICE BOX 2273
LAKE CITY, FL 32056

PERMIT NUMBER: ERP99-0029
DATE ISSUED: 03/18/1999
DATE EXPIRES: 03/18/2001
COUNTY: COLUMBIA
TRS: S30/T4S/R17E

PROJECT: HUDSON 242 WAREHOUSE

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

WAYNE T. HUDSON
POST OFFICE BOX 2273
LAKE CITY, FL 32056

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

Construction and operation of a surfacewater management system serving 1.70 acres of impervious surface on a total project area of 3.50 acres in a manner consistent with the application package submitted by Civil Design Associates certified on March 5, 1999.

It is your responsibility to insure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing pursuant to ss.120.57(1), Florida Statutes (F.S.), and s.40B-1.511, F.A.C., if they object to the District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right to request such a hearing. In addition, the District will presume that permittee waives Chapter 120, F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

WAYNE T. HUDSON
P. O. Box 2273
Lake City, FL 32056
(386) 752-1364

Mr. Johnny Kerce, Director
Columbia County Building & Zoning Dept.
Columbia County Courthouse Annex
Lake City, FL 32055

Re: 3.6 Acre Parcel (ID #30-4S-17-08885-006)
SRWMD: ERP 99-0029

Dear Johnny:

Sealed engineering plans were submitted and permitting for this 3.6 acre site was issued in 1999 to cover the entire 3.6 acre project. This was handled this way at the recommendation of Columbia County Planning Dept. and Suwannee River Water Management. The permit and site plan covers two retention systems, and three separate buildings and parking lots. The first phase of the project covered the ponds, swells, and the first building.

Upon construction of the second building in 2002, I was granted an extension of the original permit. Now upon preparing plans and seeking permitting for building number three of the project, I was left with some open interpretation of the original permit. Mr. Leroy Marshall of SRWMD researched this matter for me and said an extension was not necessary as I had completed the systems and the initial permit included the third building and parking on the 3.6 acre site. Mr. Marshall stated that if anyone needed further information, they could contact him personally. He also stated that I didn't need additional engineering drawings until the third building and parking was completed. At which time they will require a drawing, as built, on the entire project.

The impervious areas are going to be less than permitted as the second building was 1,400 square feet less than permitted and the proposed third building is 4,200 square feet less than permitted.

I felt this clarification of the ongoing situation may be helpful to your departments and may assist in expediting the permitting process regarding the third building.

Thank you for your assistance in this matter.

Sincerely,

Wayne T. Hudson

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

2-19-99

Wayne Hudson, BP #99-5
Rt. 10 Box 528,
Lake City, FL 32024

Dear Mr. Hudson,

The land use, zoning and concurrency assessment all have met the requirements for your proposed project in Columbia County.

If you should have any questions, please contact me at (904) 758-1008.

Sincerely,

Harry Dicks

Harry Dicks
Building Official II

lh/HD
cc:file

Hudson

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

December 8, 2005

Simque Construction
P. O. Box 2962
Lake City, Florida 32056

Attention: David Simque

Reference: Proposed Warehouse
C. R. 242 and S. R. 47
Columbia County, Florida
Cal-Tech Project No. 05-631

Dear Mr. Simque,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a warehouse to be constructed near the referenced intersection in Columbia County, Florida. Our work was authorized by you.

We understand you will construct a metal warehouse with lateral dimensions of approximately 70 feet by 100 feet. Support for the structure is to be provided by a monolithic foundation. The purposes of our investigation were to evaluate the bearing soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The foundation areas were investigated by performing four (4) Dynamic Cone Penetration Tests with hand-auger borings advanced to depths of 7 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These boring locations were selected by Cal-Tech Testing, Inc., and the building limits were delineated on site.

The dynamic cone penetration test is performed by driving a standard 60-degree cone into the soil by blows from a 15-pound slide-hammer falling 20 inches. The number of blows required to advance the cone 1.75 inches is designated the dynamic cone penetration resistance. This value can be correlated to N-values of the Standard Penetration Test and is an index of soil density or consistency.

Hand-auger borings are performed by manually advancing a 3-inch diameter, metal sleeve into the soil to recover samples from limited depths. Samples are examined for soil type and color.

Findings

The soil borings generally encountered two soil strata. The first layer consists of 2 to 4 feet of loose to medium dense, grayish tan or tannish gray sand (SP) or sand with silt (SP/SM). The equivalent N-values of this layer range from 5 to 15 blows per foot.

The second layer consists generally of medium dense to dense, gray, orange and red sand with clay (SP/SC), clayey sand (SC) and/or hard, sandy clay (CL). The equivalent N-values of this layer range from 9 to more than 50 blows per foot.

Groundwater was not encountered at the time of our investigation, and we believe the wet season water table will occur at a depth of more than 6 feet below the existing surface grade. For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

Based upon our findings and understanding of the proposed construction, we have performed a bearing capacity analysis for the immediate bearing soils. We have assumed a strip foundation (thickened edge) having a bottom width of 16 inches and embedment of 14 inches. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.6 against a bearing capacity failure. It is therefore our opinion the bearing soils are suitable for strip foundation with an allowable bearing capacity of 2,000 pounds per square foot.

We appreciate the opportunity to be of service on this project. Please do not hesitate to contact us if you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer
President / CEO

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
12/8/05
52612

A-1

Water Table: N/A

Depth (ft)	Equivalent N-value	Soil Description
0	5	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	5	Loose, Light Greyish Tan Sand (SP)
	9	Loose, Orangish Tan, Clayey Sand (SC)
	50+	Very Dense, Orangish Tan and Red, Very Clayey Sand (SC)
5	50+	Very Dense, Light Grey, Orange and Red Sand with Clay (SP/SC)
	50+	
	25	Medium Dense to Dense, Light Grey and Orange, Slightly Clayey Sand (SC)

A-2

Water Table: N/A

Depth (ft)	Equivalent N-value	Soil Description
0	5	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	8	Loose, Light Greyish Tan Sand (SP)
	11	Medium Dense, Orangish Tan, Clayey Sand (SC)
	13	Medium Dense, Light Grey, Orange and Red, Very Clayey Sand (SC)
	26	
5	31	Hard, Light Grey and Red, Very Sandy Clay (CL)
	23	Medium Dense, Light Grey, Red and Orange, Clayey Sand (SC)

A-3

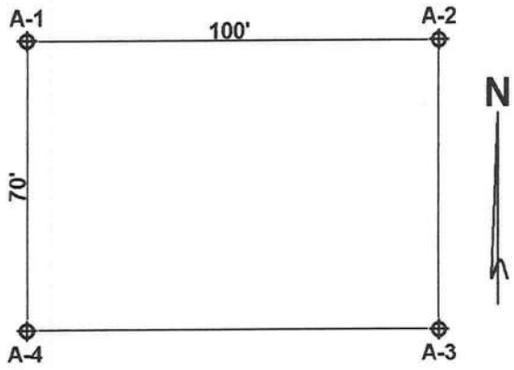
Water Table: N/A

Depth (ft)	Equivalent N-value	Soil Description
0	7	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	7	Loose to Medium Dense, Light Greyish Tan Sand (SP)
	15	
	14	Medium Dense, Orangish Tan and Orange, Clayey Sand (SC)
	20	
5	19	Medium Dense, Light Grey, Orange and Red, Very Clayey Sand (SC)
	22	

A-4

Water Table: N/A

Depth (ft)	Equivalent N-value	Soil Description
0	8	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	5	
	11	Loose to Medium Dense, Light Tannish Grey Sand (SP)
	12	
	20	Medium Dense, Light Grey, Orange and Red, Clayey Sand (SC)
5	21	Medium Dense, Light Grey and Orange, Clayey Sand (SC)
	35	Dense, Light Tannish Grey and Orange, Slightly Clayey Sand (SC)



Boring Logs and Location Plan: Proposed Warehouse
Simque Construction

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

December 8, 2005

Simque Construction
P. O. Box 2962
Lake City, Florida 32056

Attention: David Simque

Reference: Proposed Warehouse
C. R. 242 and S. R. 47
Columbia County, Florida
Cal-Tech Project No. 05-631

Dear Mr. Simque,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a warehouse to be constructed near the referenced intersection in Columbia County, Florida. Our work was authorized by you.

We understand you will construct a metal warehouse with lateral dimensions of approximately 70 feet by 100 feet. Support for the structure is to be provided by a monolithic foundation. The purposes of our investigation were to evaluate the bearing soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The foundation areas were investigated by performing four (4) Dynamic Cone Penetration Tests with hand-auger borings advanced to depths of 7 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These boring locations were selected by Cal-Tech Testing, Inc., and the building limits were delineated on site.

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Based upon our findings and understanding of the proposed construction, we have performed a bearing capacity analysis for the immediate bearing soils. We have assumed a strip foundation (thickened edge) having a bottom width of 16 inches and embedment of 14 inches. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.6 against a bearing capacity failure. It is therefore our opinion the bearing soils are suitable for strip foundation with an allowable bearing capacity of 2,000 pounds per square foot.

We appreciate the opportunity to be of service on this project. Please do not hesitate to contact us if you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer
President / CEO

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
12/8/05
52612

A-1

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	9	Loose, Orangish Tan, Clayey Sand (SC)
	50+	Very Dense, Orangish Tan and Red, Very Clayey Sand (SC)
5	50+	Very Dense, Light Grey, Orange and Red Sand with Clay (SP/SC)
	50+	
	25	Medium Dense to Dense, Light Grey and Orange, Slightly Clayey Sand (SC)

A-2

Water Table: N/A

Depth (ft)	Equivalent N-value	Soil Description
0	5	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	8	Loose, Light Greyish Tan Sand (SP)
	11	Medium Dense, Orangish Tan, Clayey Sand (SC)
	13	Medium Dense, Light Grey, Orange and Red, Very Clayey Sand (SC)
5	26	Hard, Light Grey and Red, Very Sandy Clay (CL)
	31	
	23	Medium Dense, Light Grey, Red and Orange, Clayey Sand (SC)

A-3

Water Table: N/A

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0	7	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
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5	19	Medium Dense, Light Grey, Orange and Red, Very Clayey Sand (SC)
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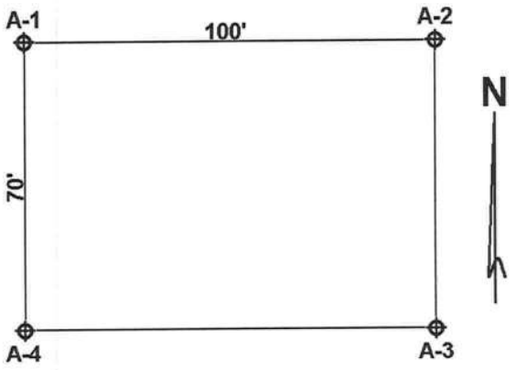
A-4

Water Table: N/A

Depth (ft)	Equivalent N-value	Soil Description
0	8	Loose, Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	5	
	11	Loose to Medium Dense, Light Tannish Grey Sand (SP)
	12	
	20	Medium Dense, Light Grey, Orange and Red, Clayey Sand (SC)
5	21	Medium Dense, Light Grey and Orange, Clayey Sand (SC)
	35	Dense, Light Tannish Grey and Orange, Slightly Clayey Sand (SC)



Boring Logs and Location Plan: Proposed Warehouse
Simque Construction

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corp.
1687 Woodlands Drive
Maumee, OH 43537

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Construction Series" 6'8 Outswing Opaque Steel Door w & wo sidelites

APPROVAL DOCUMENT: Drawing No. **S-2110,** titled ""Construction Series" 6-8 Single & Double Out-swing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 03/28/01 with revision #1 dated 3/12/03, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Manuel Perez, P. E.**

PRODUCT CONTROL ACCEPTED

NOA No 01-0828.10
Expiration Date: May 1, 2008
Approval Date: May 1, 2003
Page 1

Therma-Tru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S-2110**, titled ""Construction Series" 6-8 Single & Double Out-swing Steel Door", sheets 1 through 8, dated 6/12/02, with revision #1 dated 3/12/03, prepared by RW Building Consultants, Inc.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
   2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
   3) Water Resistance Test, per SFBC, PA 202-94
   4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
   5) Large Missile Impact Test per SFBC, PA 201-94
   6) Cyclic Wind Pressure Loading per SFBC, PA 203-94
   along with marked-up drawings and installation diagram of a double opaque door with sidelites, prepared by ETC Laboratories, Test Report No. **ETC-01-741-11004.0**, dated 7/6/01, signed and sealed by Joseph Dolden, P.E.
2. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
   2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
   3) Water Resistance Test, per SFBC, PA 202-94
   4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
   5) Large Missile Impact Test per SFBC, PA 201-94
   6) Cyclic Wind Pressure Loading per SFBC, PA 203-94
   along with marked-up drawings and installation diagram of a double opaque door with sidelites, prepared by ETC Laboratories, Test Report No. **ETC-01-741-10622.0**, dated 3/23/01, signed and sealed by Joseph Dolden, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by Lyndon Schmidt, P.E., dated 8/18/01, signed and sealed by Lyndon Schmidt, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1120.08** issued to Therma-Tru Corporation for "Therma-Tru Series "BTS, TCM, PVC, SMC" Lite Frame" dated 1/18/02, expiring on 1/18/07.
2. Tensile Test of Constructon Series Steel Door Skin, prepared by ETC Laboratories, Test Report No. ETC-01-741-10622.0, dated 3/28/01, signed and sealed by Joseph Dolden, P.E., Tensile Test of Non Foam Plastic, prepared by ETC Laboratories, Test Report No. ETC-01-741-11075.0, dated 3/2/01, signed and sealed by Joseph Dolden, P.E., Surface Burning Characteristics of Building Materials, **ASTM E84-00a,** prepared by Omega Point Laboratories, Test Report No. 15427-107362, dated 8/28/00, signed and sealed by John Dougherty, P.E.

Manuel Perez, P.E.
Product Control Examiner
NOA No 01-0828.10
Expiration Date: May 1, 2008
Approval Date: May 1, 2003

Therma-Tru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

E. STATEMENTS

1. Statement letter of conformance, dated 8/23/01, signed and sealed by Lyndon Schmidt, P.E.
2. Statement letter of no financial interest, dated 8/18/01, signed and sealed by Lyndon Schmidt, P.E.
3. Statement letter naming Mr. Rick Wright as their representative and contact person, signed by Steve Kepler

F. OTHER

1. Letter for San Martin Associates, Inc.

Manuel Perez

Manuel Perez, P. E.
Product Control Examiner
NOA No 01-0828.10
Expiration Date: May 1, 2008
Approval Date: May 1, 2003

THERMA-TRU®

"CONSTRUCTION SERIES" OUTSWING 6-8 SINGLE AND DOUBLE W/& W/OUT SIDELITES. INSULATED STEEL DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES" AREA WITH THE USE OF THE HIGH DAM BUMP THRESHOLD.
6. WHEN THIS PRODUCT IS USED IN AREAS REQUIRING WINDBORNE DEBRIS PROTECTION, FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR THE SIDELITES ONLY.
7. SIDELITES ARE AN OPTION AND CAN BE USED IN A SINGLE OR DOUBLE CONFIGURATION.

INSULATED STEEL DOOR

(Common to all frame conditions)

Door & Sidelite Panel Construction:

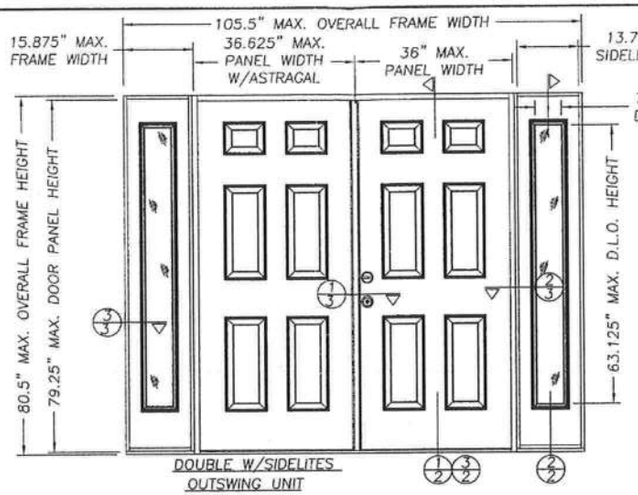
Face sheets: Door Panel is 25 ga.(0.018") minimum thickness Sidelite Panel face sheets are 24 ga.(0.021") minimum thickness Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(min.)=27,830 psi

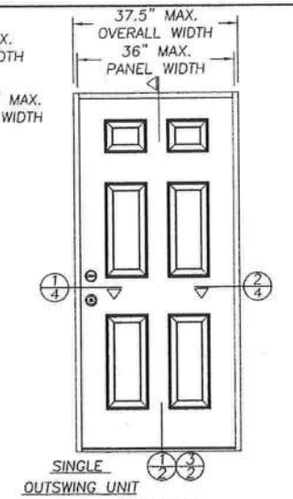
Core design: Polyurethane foam core, with 1.9 lbs. density by BASF.

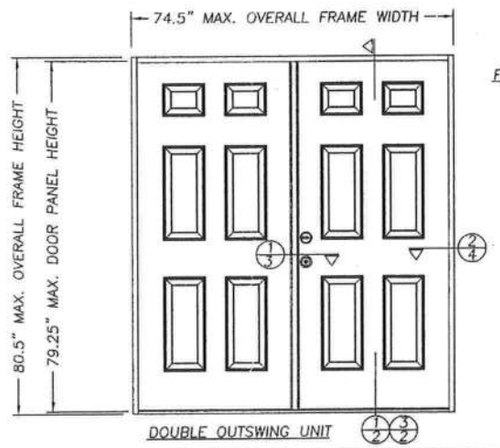
Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with contact cement to the wood stiles at the corners.

Sidelite Panel Construction and Glazing: The vertical edges of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. The end rails are butt joined to the wood stiles at the corners. The sidelite panels are sandwich glazed using a two piece lite frame.

Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.656" wide x 1.25" thick. The header is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (2) 16ga. 1/2" crown x 2.5" long staples at each side. The mullions are secured together in a sidelite application using #8 x 2 1/2" long PFH Wood Screws (6) screws per each mullion. The unit uses an Outswing Bumpface threshold, either Low Profile or High Water Dam.







ALL MODELS ARE VIEWED FROM INTERIOR

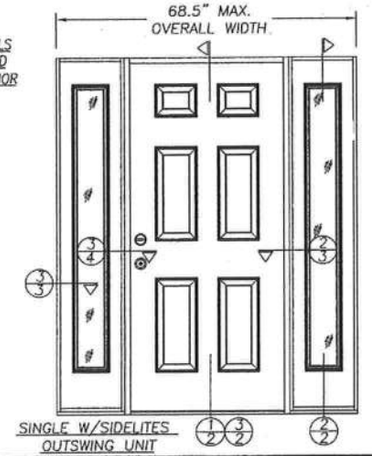


TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS
4	HORIZONTAL CROSS SECTIONS & NOTES
5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & GLAZING DETAILS
7	UNIT COMPONENTS
8	BILL OF MATERIALS & UNIT COMPONENTS

DESIGN PRESSURE RATING

UNIT TYPE	W/ HIGH DAM THRESHOLD	W/ LOW PROFILE THRESHOLD
SINGLE	+ 67.0 PSF - 67.0 PSF	+ 55.0 PSF - 67.0 PSF
SINGLE W/SIDELITES	+ 60.0 PSF - 60.0 PSF	+ 55.0 PSF - 60.0 PSF
DOUBLE	+ 60.0 PSF - 60.0 PSF	NOT APPROVED
DOUBLE W/SIDELITES	+ 60.0 PSF - 60.0 PSF	NOT APPROVED

Approved as complying with the Florida Building Code
Date MAY 1, 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By Manuel Perez

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

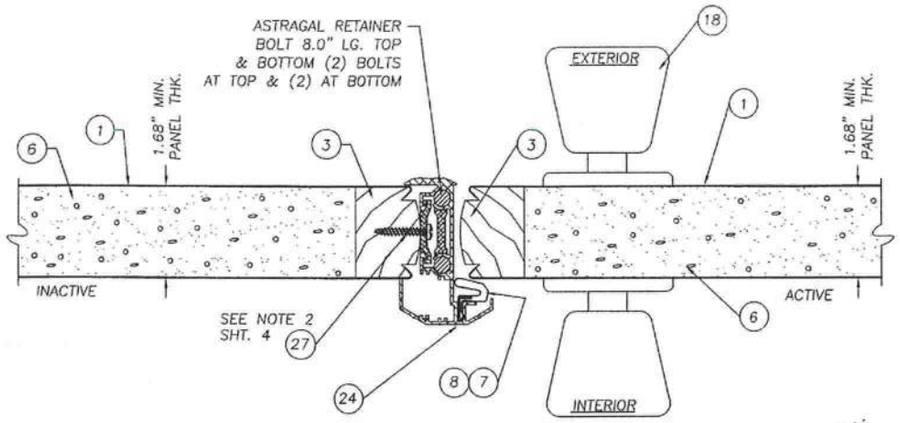
PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES

NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

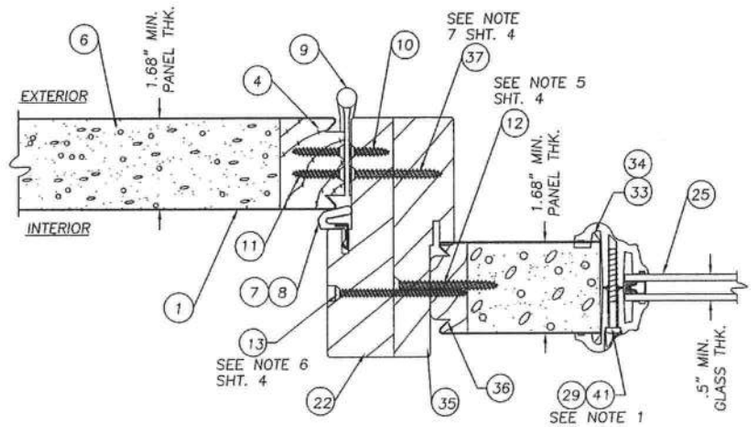
RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 1 OF 8

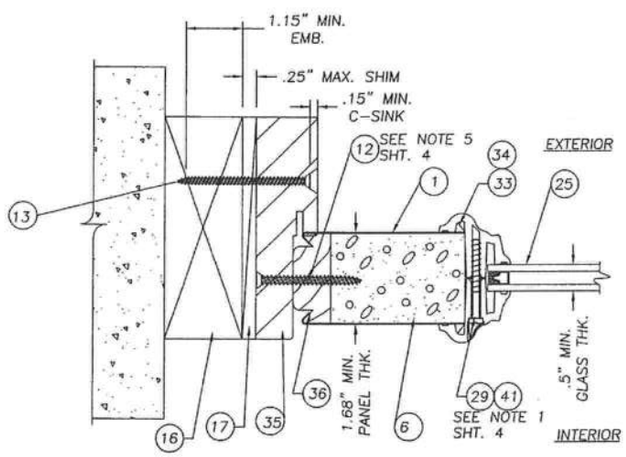
THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827
PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
OUT-SWING STEEL DOOR
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS
REVISIONS
NO
DATE
BY
1
3/12/03
RW
GENERAL REVISION
RW BUILDING CONSULTANTS, INC.
813.659.9197
DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO:
S-2110
SHEET 2 OF 8
Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.10
Miami Dade Product Control
Division
By
79.25" MAX. PANEL HEIGHT
EXTERIOR
INTERIOR
1.68" MIN. PANEL THK.
80.5" OVERALL FRAME HEIGHT
.25" MAX. SHIM SPACE
.15" MIN. C-SINK
1.25" MIN. EMBED.
3/2 VERTICAL CROSS SECTION
DOOR PANEL W/ HIGH DAM
(SEE DESIGN PRESSURE TABLE SHEET 1)
78.25" MAX. OVERALL PANEL HEIGHT
SEE NOTE 1 SHT. 4
.5" MIN. GLASS THK.
63.125" MAX. D.L.O.
.25" MAX. SHIM
.25" MIN. COUNTERSINK
79.75" MAX. OVERALL FRAME HEIGHT
1.25" MIN. EMB.
MAX. .75" PAD
2/2 VERTICAL CROSS SECTION
SIDELITE PANEL
1/2 VERTICAL CROSS SECTION
DOOR PANEL W/ LOW PROFILE THRESHOLD
(SEE DESIGN PRESSURE TABLE SHEET 1)



1/3 HORIZONTAL CROSS SECTION @ ASTRAGAL



2/3 HORIZONTAL CROSS SECTION @ HINGE JAMB TO SIDELITE



3/3 HORIZONTAL CROSS SECTION @ SIDELITE TO BUCK

Approved as complying with the Florida Building Code
Date MAY 1, 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By:

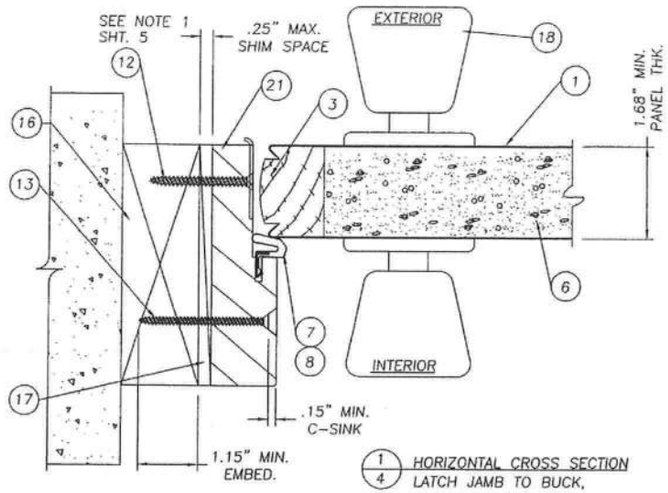
THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

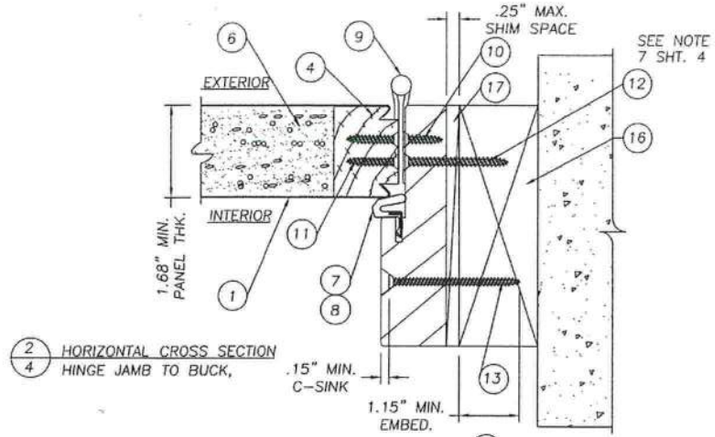
NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

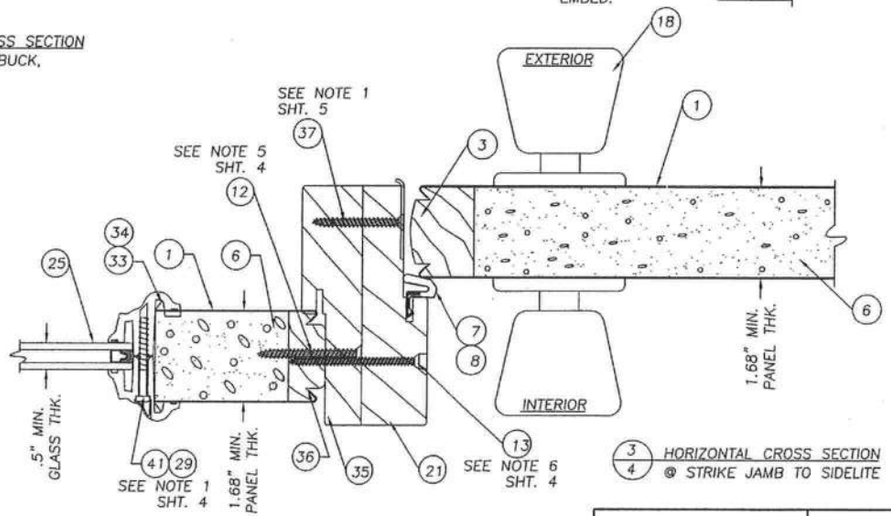
DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 3 OF 8



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,



3/4 HORIZONTAL CROSS SECTION
@ STRIKE JAMB TO SIDELITE

NOTES:

1. SPACING FOR ITEM #29 & #41 (LITE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES; 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25", 76.25" AND 78.25".
3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDE.
4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDE.
5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH ITEM #12 #10 x 2" PH.F.H. WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
6. SPACING FOR ITEM #13, A #8 x 2 1/2" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 13.7" O.C.
7. WHEN ATTACHING THE HINGE TO THE JAMB AND THE BUCK USE ITEM #12 A #10 x 2" SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND THE SIDELITE AT THE MULLION USE ITEM #37 A #10 x 1 3/4" SCREW.

Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

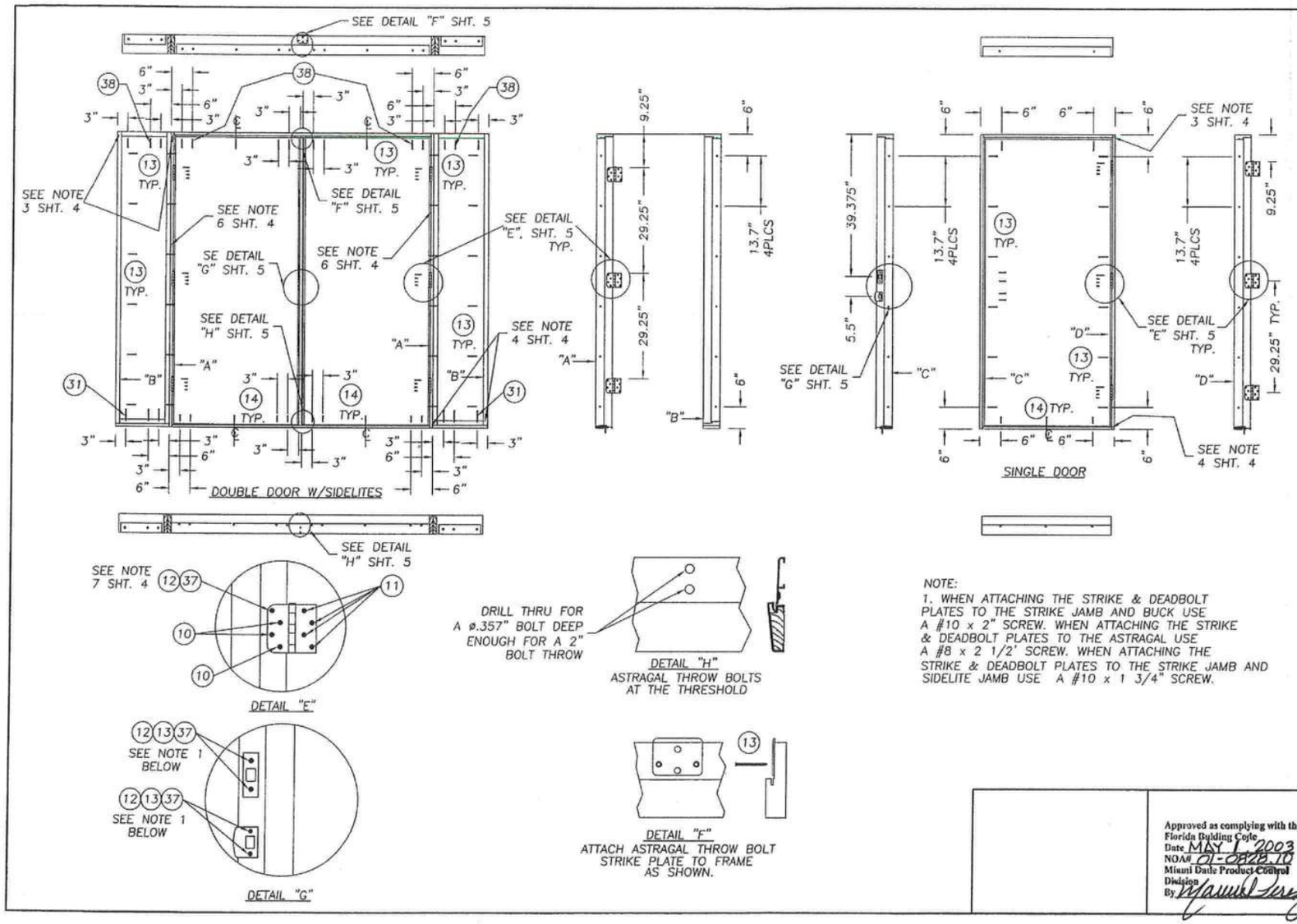
PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & NOTES

NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 4 OF 8



THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

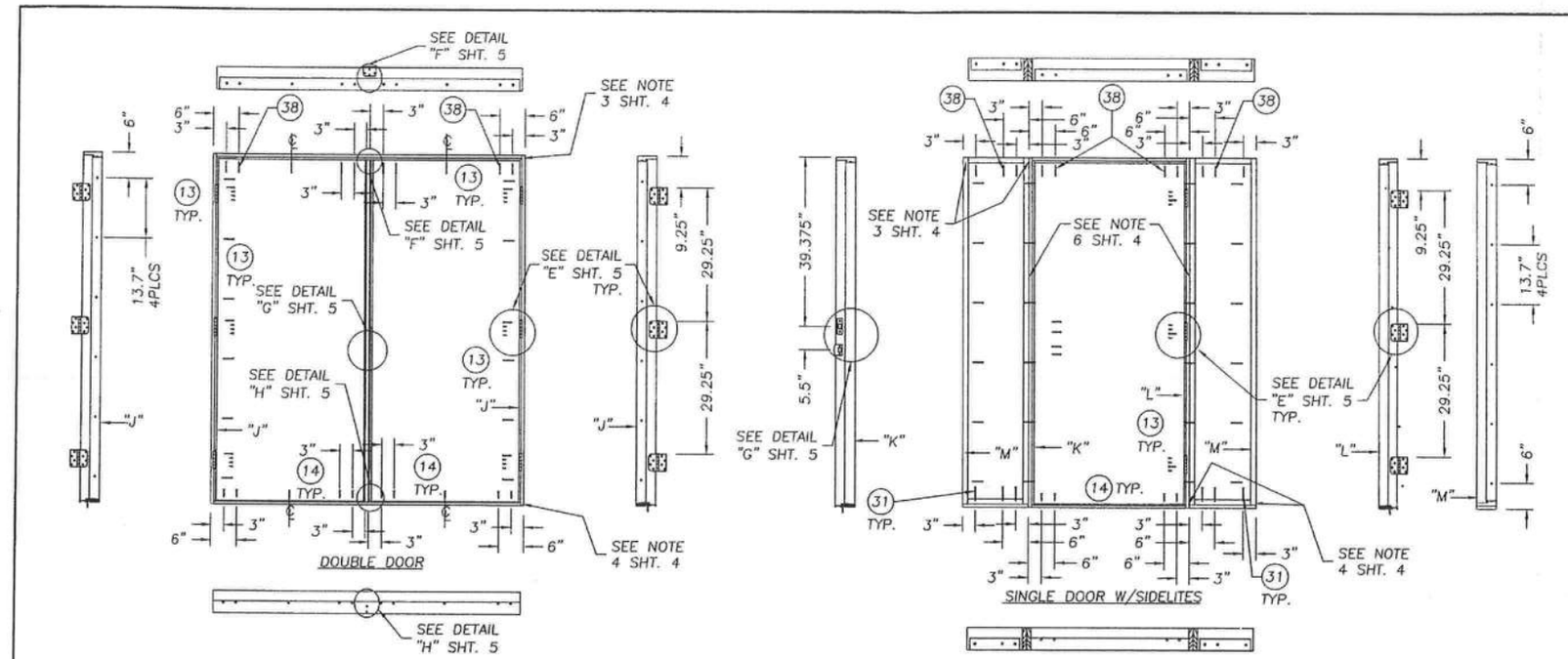
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

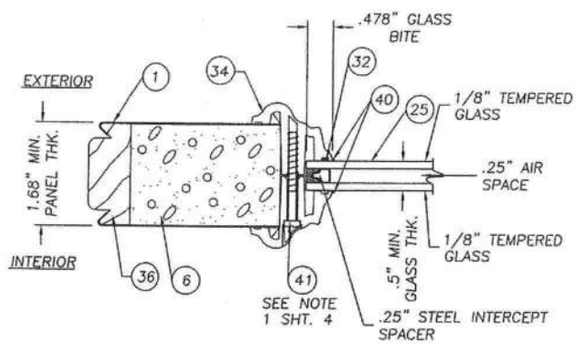
NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

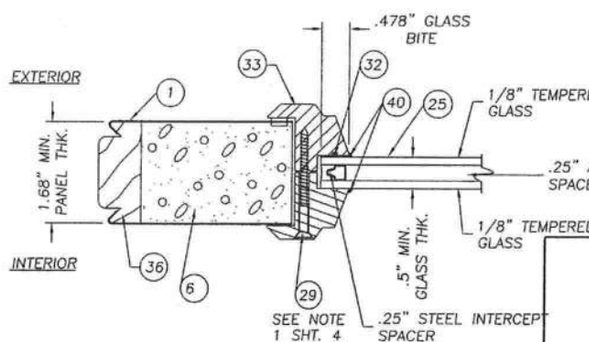
Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 5 OF 8





.5" INSULATED GLASS W/ BTS LITE FRAME GLAZING DETAIL



.5" INSULATED GLASS W/ PVC LITE FRAME GLAZING DETAIL

Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

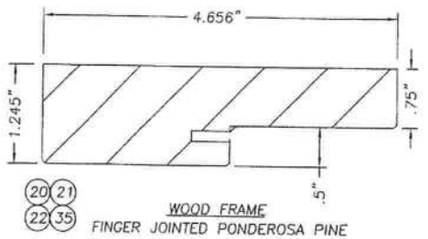
PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: ANCHORING LOCATIONS & GLAZING DETAILS

NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

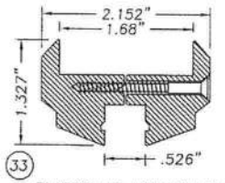
RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 6 OF 8



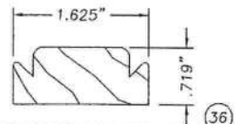
20 21 22 35

WOOD FRAME
FINGER JOINTED PONDEROSA PINE



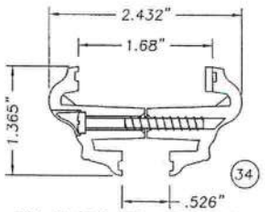
33

PLASTIC LIP LITE FRAME
EXTRUDED PVC



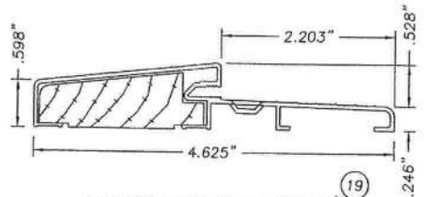
36

SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE



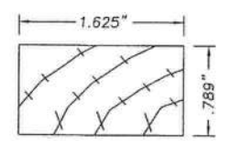
34

BTS PLASTIC LIP LITE FRAME
EXTRUDED BTS



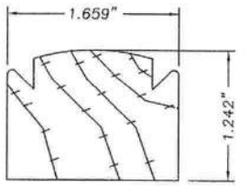
19

LOW PROFILE OUTSWING BUMP FACE
ALUMINUM/WOOD THRESHOLD
.050" WALL TYP.



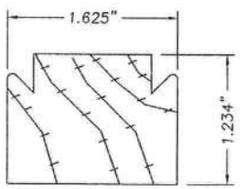
2

TOP RAIL
FINGER JOINTED PONDEROSA PINE

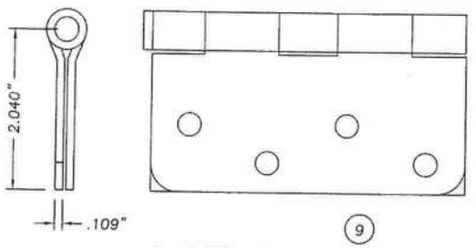


3

WOOD LATCH SIDE STILE

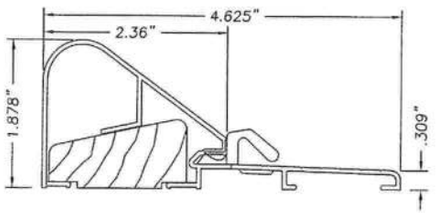


WOOD HINGE SIDE STILE 4



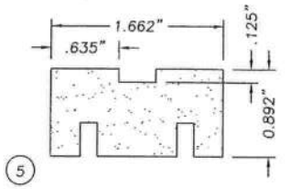
9

4 x 4 STEEL DOOR HINGE



39

HIGH DAM THRESHOLD
MIN. ALUMINUM WALL THICKNESS 0.050"



5

BOTTOM RAIL, WOOD COMPOSITE

Approved as complying with the Florida Building Code
Date MAY 1, 2003
NOA# 01-0828.08
Miami Dade Product Control Division
By

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUTS-WING STEEL DOOR

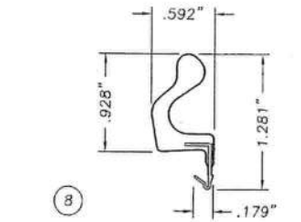
PART OR ASSEMBLY: UNIT COMPONENTS

NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

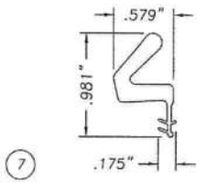
RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 7 OF 8

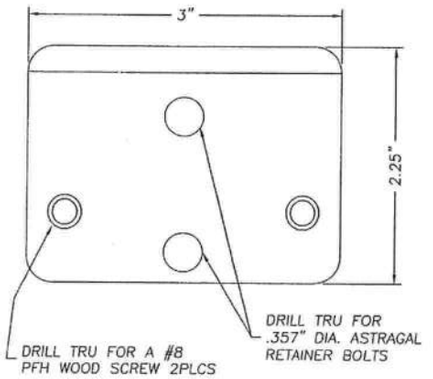
Item	DESCRIPTION	Material
1	DOOR SKIN; CONSTRUCTION SERIES 25GA. (.018" MIN.)	STEEL
1A	SIDELITE SKIN; 24 GA. (.021" MIN.)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	LATCH STILE (THERMA-TRU, PONDEROSA PINE 1.659" x 1.242")	WOOD
4	HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.625" x 1.234")	WOOD
5	BOTTOM RAIL (1.662" x .892" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THREMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THREMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)	STEEL
11	#10 x 1" LG. PFH WOOD SCREW	STEEL
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
15	NOT USED	–
16	2x WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	–
19	ONE PIECE BUMP FACE THRESHOLD LOW PROFILE (THERMA-TRU)	ALUM./WOOD
20	4.656" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.656" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	–
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM.
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	CAULKING	LATEX
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #33)	STEEL
30	NOT USED	–
31	3/16" TAPCON ANCHOR (ELCO, 3.25" MIN. LG.)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	–
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC LIP LITE FRAME (BTS, THERMA-TRU)	BTS
35	4.656" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.625" x .719" PONDEROSA PINE)	WOOD
37	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	#10 X 3.0" LG PFH WOOD SCREW	STEEL
39	HIGH WATER DAM THRESHOLD (THERMA-TRU)	ALUM.
40	SILICONE CAULK	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL



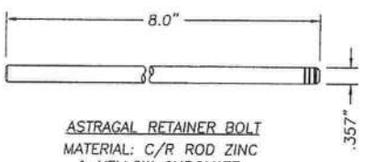
(8) LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE W/VINYL JACKET



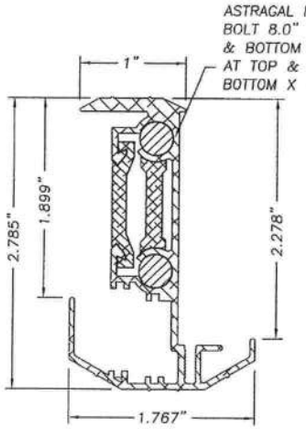
(7) COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET



WINDJAMBER II WR68T STRIKE PLATE



ASTRAGAL RETAINER BOLT
MATERIAL: C/R ROD ZINC
& YELLOW CHROMATE



(24) WINDJAMBER II WR68T
ASTRAGAL (ALUMINUM .052" WALL TYP.)

Approved as complying with the Florida Building Code
Date MAY 1, 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 8 OF 8

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corp.
1687 Woodlands Drive
Maumee, OH 43537

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Construction Series" 6'8 Outswing Opaque Steel Door w & wo sidelites

APPROVAL DOCUMENT: Drawing No. **S-2110**, titled ""Construction Series" 6-8 Single & Double Out-swing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 03/28/01 with revision #1 dated 3/12/03, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Manuel Perez, P. E.**

PRODUCT CONTROL ACCEPTED

NOA No 01-0828.10
Expiration Date: May 1, 2008
Approval Date: May 1, 2003
Page 1

Therma-Tru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S-2110**, titled ""Construction Series" 6-8 Single & Double Out-swing Steel Door", sheets 1 through 8, dated 6/12/02, with revision #1 dated 3/12/03, prepared by RW Building Consultants, Inc.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
   2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
   3) Water Resistance Test, per SFBC, PA 202-94
   4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
   5) Large Missile Impact Test per SFBC, PA 201-94
   6) Cyclic Wind Pressure Loading per SFBC, PA 203-94

   along with marked-up drawings and installation diagram of a double opaque door with sidelites, prepared by ETC Laboratories, Test Report No. **ETC-01-741-11004.0**, dated 7/6/01, signed and sealed by Joseph Dolden, P.E.
2. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
   2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
   3) Water Resistance Test, per SFBC, PA 202-94
   4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
   5) Large Missile Impact Test per SFBC, PA 201-94
   6) Cyclic Wind Pressure Loading per SFBC, PA 203-94

   along with marked-up drawings and installation diagram of a double opaque door with sidelites, prepared by ETC Laboratories, Test Report No. **ETC-01-741-10622.0**, dated 3/23/01, signed and sealed by Joseph Dolden, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by Lyndon Schmidt, P.E., dated 8/18/01, signed and sealed by Lyndon Schmidt, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1120.08** issued to Therma-Tru Corporation for "Therma-Tru Series "BTS, TCM, PVC, SMC" Lite Frame" dated 1/18/02, expiring on 1/18/07.
2. Tensile Test of Constructon Series Steel Door Skin, prepared by ETC Laboratories, Test Report No. ETC-01-741-10622.0, dated 3/28/01, signed and sealed by Joseph Dolden, P.E., Tensile Test of Non Foam Plastic, prepared by ETC Laboratories, Test Report No. ETC-01-741-11075.0, dated 3/2/01, signed and sealed by Joseph Dolden, P.E., Surface Burning Characteristics of Building Materials, **ASTM E84-00a,** prepared by Omega Point Laboratories, Test Report No. 15427-107362, dated 8/28/00, signed and sealed by John Dougherty, P.E.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No 01-0828.10
Expiration Date: May 1, 2008
Approval Date: May 1, 2003

Therma-Tru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

E. STATEMENTS

1. Statement letter of conformance, dated 8/23/01, signed and sealed by Lyndon Schmidt, P.E.
2. Statement letter of no financial interest, dated 8/18/01, signed and sealed by Lyndon Schmidt, P.E.
3. Statement letter naming Mr. Rick Wright as their representative and contact person, signed by Steve Kepler

F. OTHER

1. Letter for San Martin Associates, Inc.

Manuel Perez, P. E.
Product Control Examiner
NOA No 01-0828.10
Expiration Date: May 1, 2008
Approval Date: May 1, 2003

THERMA-TRU®

"CONSTRUCTION SERIES" OUTSWING 6-8 SINGLE AND DOUBLE W/& W/OUT SIDELITES. INSULATED STEEL DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES" AREA WITH THE USE OF THE HIGH DAM BUMP THRESHOLD.
6. WHEN THIS PRODUCT IS USED IN AREAS REQUIRING WINDBORNE DEBRIS PROTECTION, FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR THE SIDELITES ONLY.
7. SIDELITES ARE AN OPTION AND CAN BE USED IN A SINGLE OR DOUBLE CONFIGURATION.

INSULATED STEEL DOOR

(Common to all frame conditions)

Door & Sidelite Panel Construction:

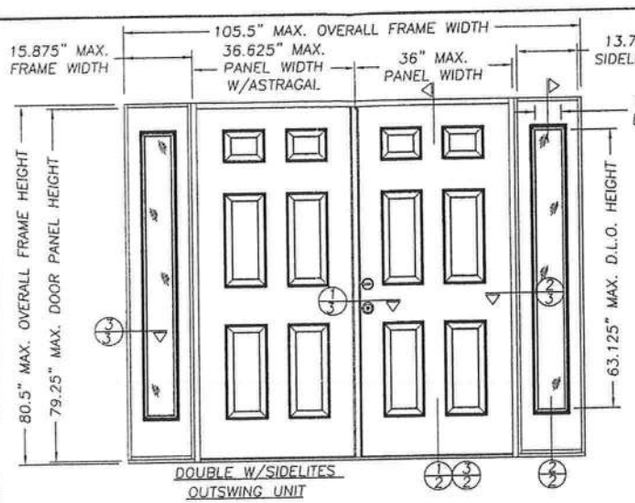
Face sheets: Door Panel is 25 ga.(0.018") minimum thickness Sidelite Panel face sheets are 24 ga.(0.021") minimum thickness Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(min.)=27,830 psi

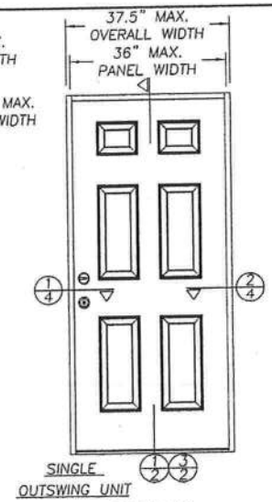
Core design: Polyurethane foam core, with 1.9 lbs. density by BASF.

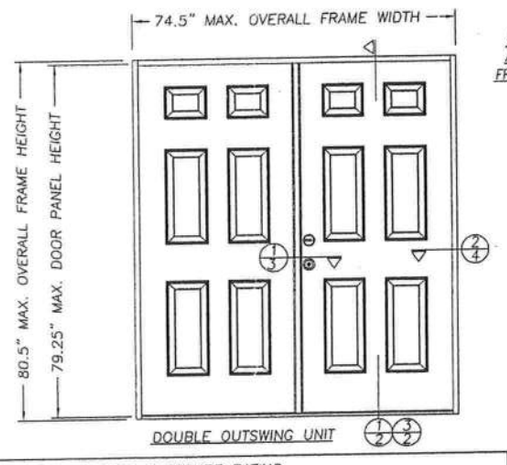
Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with contact cement to the wood stiles at the corners.

Sidelite Panel Construction and Glazing: The vertical edges of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. The end rails are butt joined to the wood stiles at the corners. The sidelite panels are sandwich glazed using a two piece lite frame.

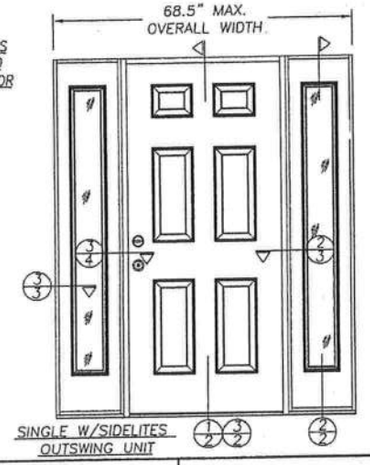
Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.656" wide x 1.25" thick. The header is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (2) 16ga. 1/2" crown x 2.5" long staples at each side. The mullions are secured together in a sidelite application using #8 x 2 1/2" long PFH Wood Screws (6) screws per each mullion. The unit uses an Outswing Bumpface threshold, either Low Profile or High Water Dam.







ALL MODELS ARE VIEWED FROM INTERIOR



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DESIGN PRESSURE RATING

UNIT TYPE	W/ HIGH DAM THRESHOLD	W/ LOW PROFILE THRESHOLD
SINGLE	+ 67.0 PSF - 67.0 PSF	+ 55.0 PSF - 67.0 PSF
SINGLE W/SIDELITES	+ 60.0 PSF - 60.0 PSF	+ 55.0 PSF - 60.0 PSF
DOUBLE	+ 60.0 PSF - 60.0 PSF	NOT APPROVED
DOUBLE W/SIDELITES	+ 60.0 PSF - 60.0 PSF	NOT APPROVED

Approved as complying with the Florida Building Code
Date MAY 1, 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By Manuel Serra

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES

NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 1 OF 8

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
OUT-SWING STEEL DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

REVISIONS			
NO	DATE	GENERAL REVISION	BY
1	3/12/03		RW

RW BUILDING CONSULTANTS, INC
813.659.9197

DATE: 03/28/01
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SHEET 2 OF 8

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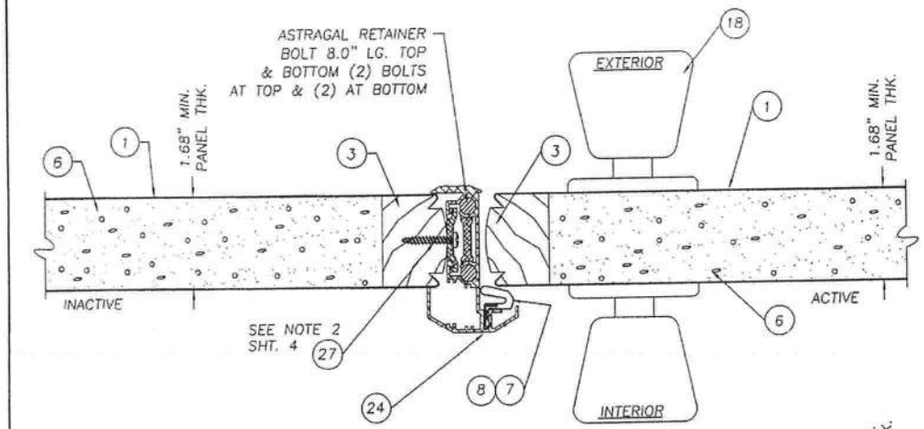
Miami Dade Product Control Division
By

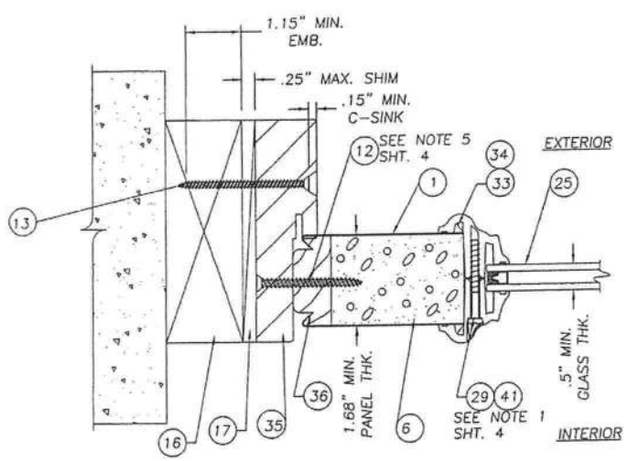
3/2 VERTICAL CROSS SECTION
DOOR PANEL W/ HIGH DAM
(SEE DESIGN PRESSURE TABLE SHEET 1)

2/2 VERTICAL CROSS SECTION
SIDELITE PANEL

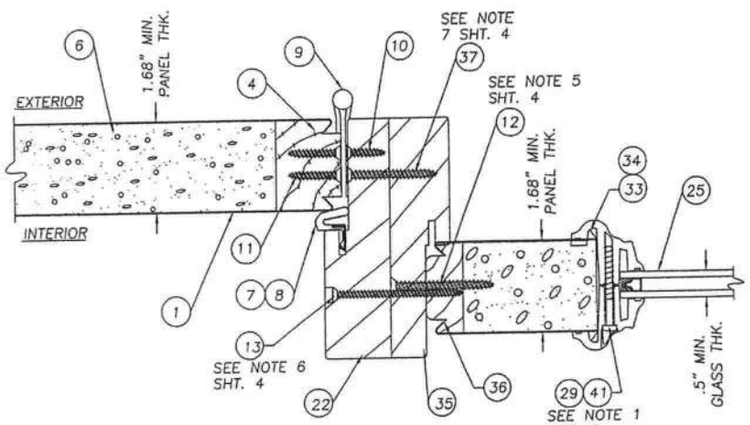
1/2 VERTICAL CROSS SECTION
DOOR PANEL W/ LOW PROFILE THRESHOLD
(SEE DESIGN PRESSURE TABLE SHEET 1)



1/3 HORIZONTAL CROSS SECTION @ ASTRAGAL



3/3 HORIZONTAL CROSS SECTION @ SIDELITE TO BUCK



2/3 HORIZONTAL CROSS SECTION @ HINGE JAMB TO SIDELITE

Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.10
Miami Dade Product Control Division
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THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

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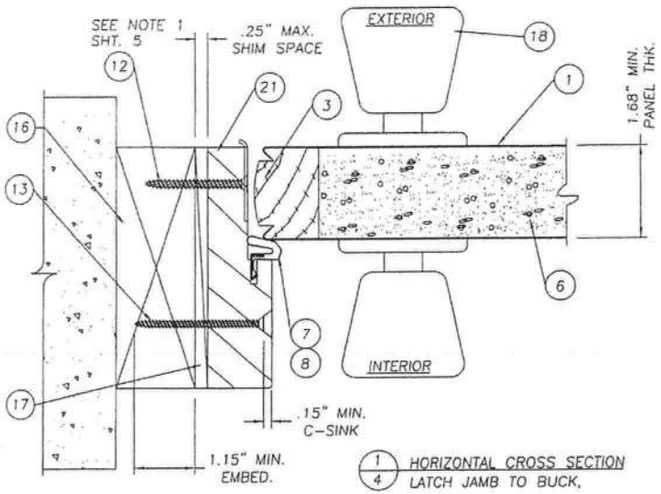
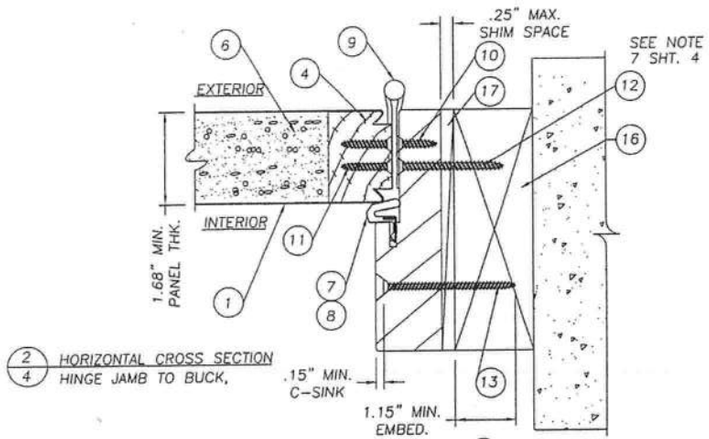
SHEET 3 OF 8



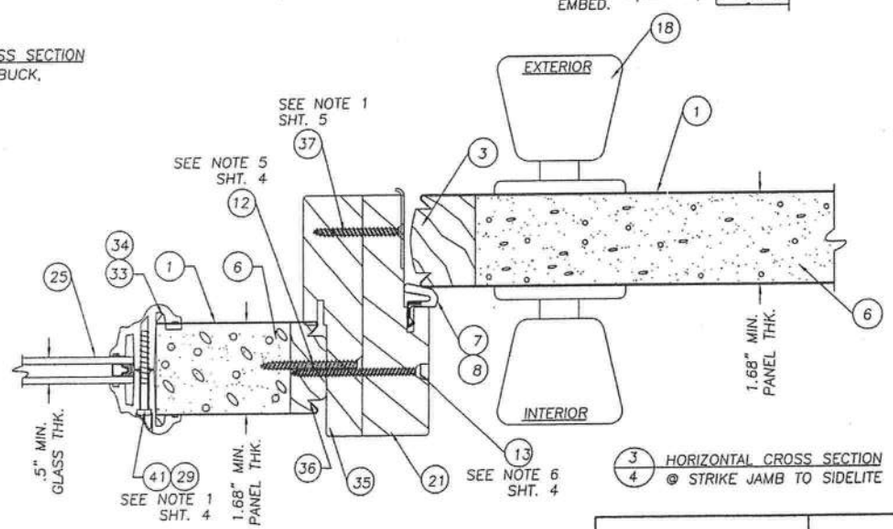
1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,

NOTES:

1. SPACING FOR ITEM #29 & #41 (LITE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES; 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25", 76.25" AND 78.25".
3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDE.
4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDE.
5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH ITEM #12 #10 x 2" PH.F.H. WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
6. SPACING FOR ITEM #13, A #8 x 2 1/2" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 13.7" O.C.
7. WHEN ATTACHING THE HINGE TO THE JAMB AND THE BUCK USE ITEM #12 A #10 x 2" SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND THE SIDELITE AT THE MULLION USE ITEM #37 A #10 x 1 3/4" SCREW.



3/4 HORIZONTAL CROSS SECTION
@ STRIKE JAMB TO SIDELITE

Approved as complying with the Florida Building Code
Date MAY 7 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & NOTES

NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC
813.659.9197

DATE: 03/28/01
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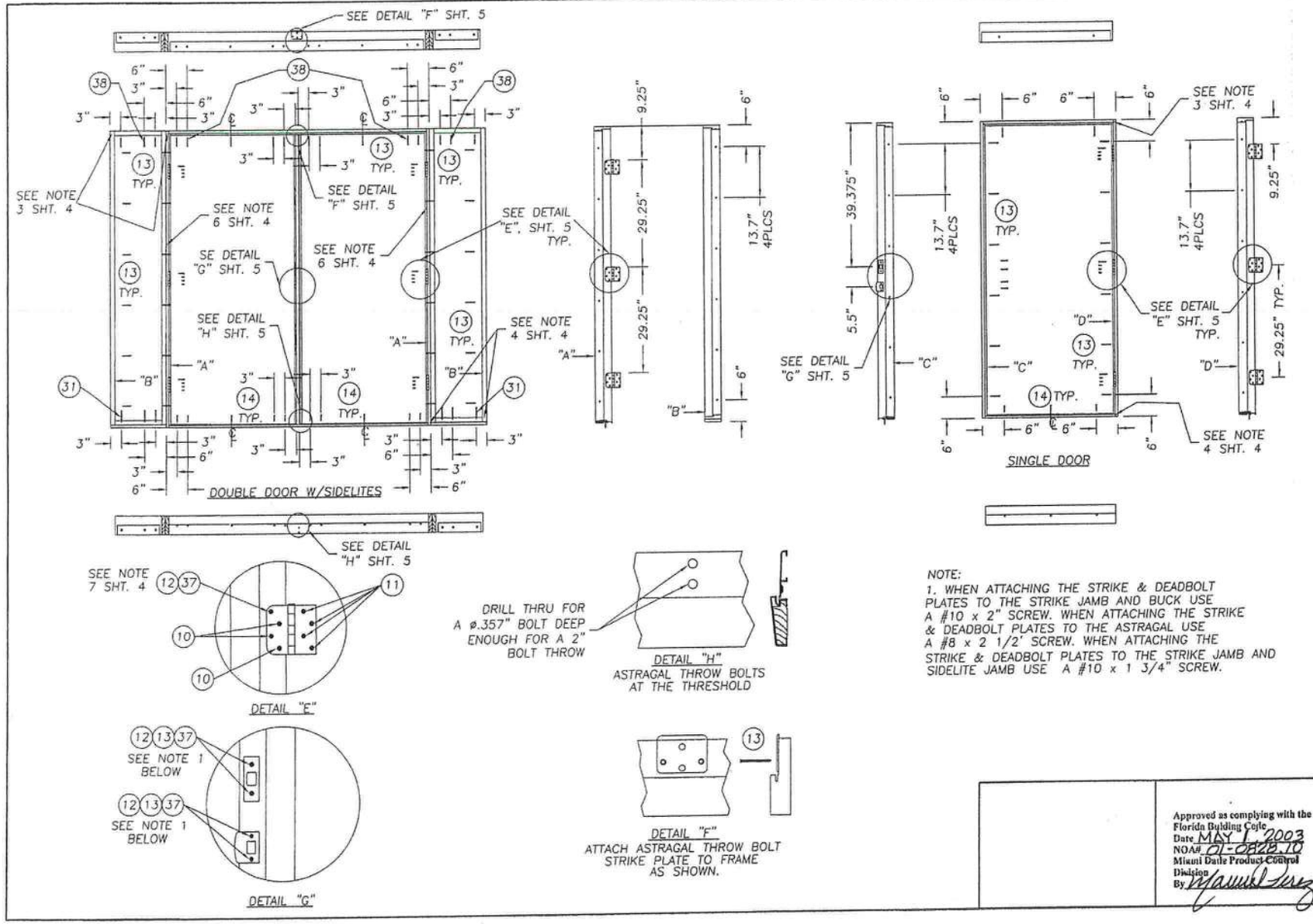
SHEET 4 OF 8



NOTE:
1. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND BUCK USE A #10 x 2" SCREW. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE ASTRAGAL USE A #8 x 2 1/2' SCREW. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND SIDELITE JAMB USE A #10 x 1 3/4" SCREW.

THERMA-TRU CORPORATION
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MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.10
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DATE: 03/28/01
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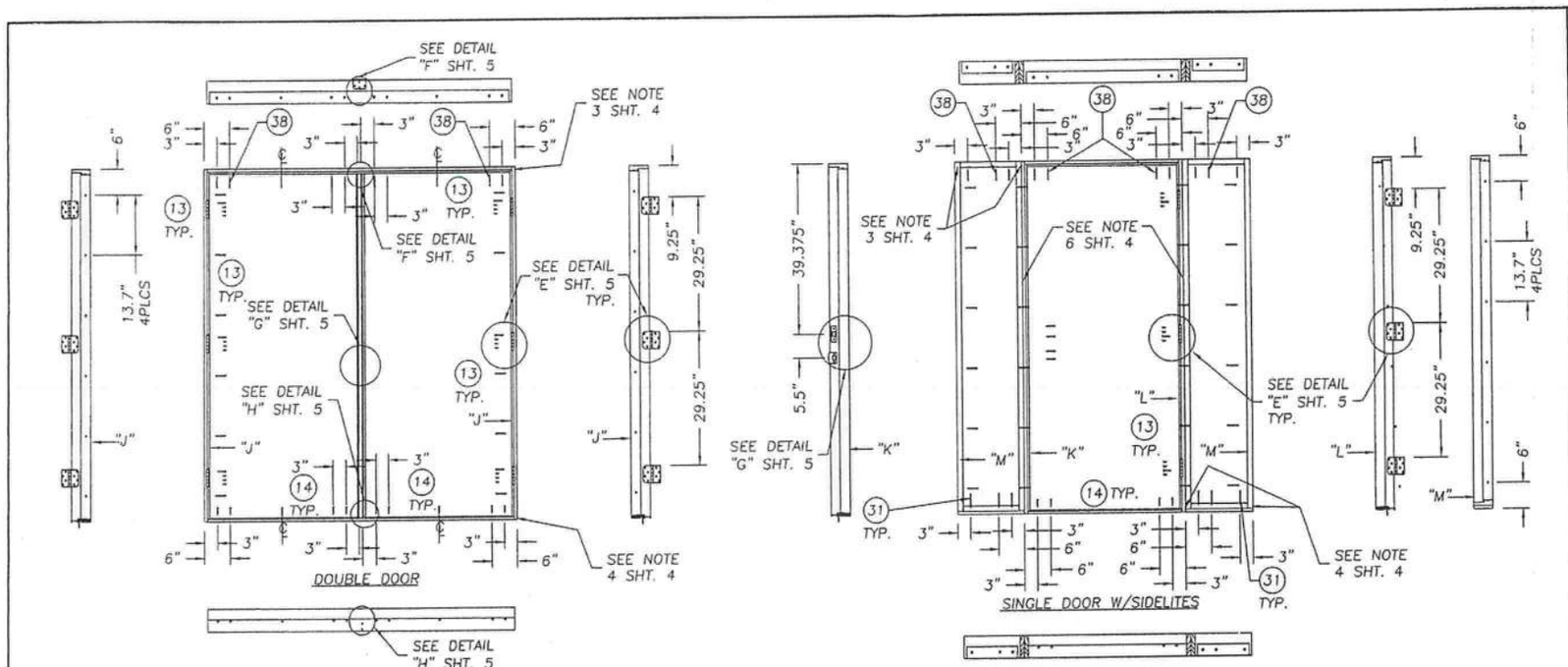
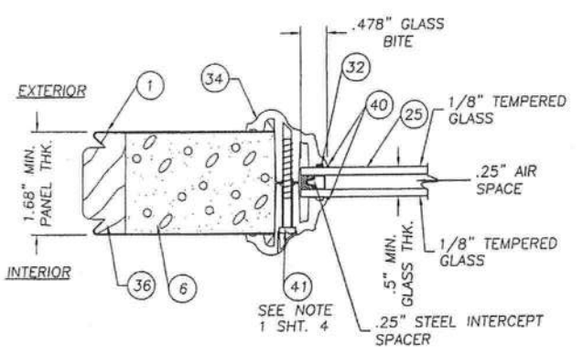
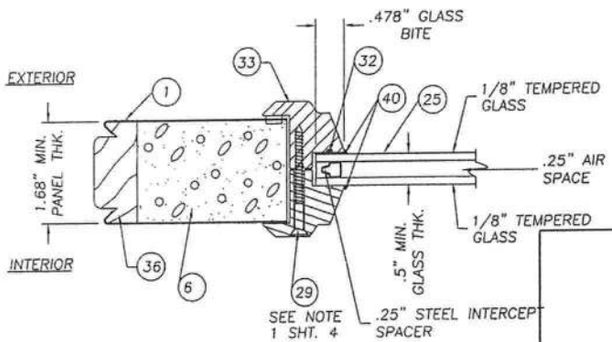
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 5 OF 8





.5" INSULATED GLASS W/ BTS LITE FRAME GLAZING DETAIL



.5" INSULATED GLASS W/ PVC LITE FRAME GLAZING DETAIL

Approved as complying with the Florida Building Code
Date MAY 1 2003
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By

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1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

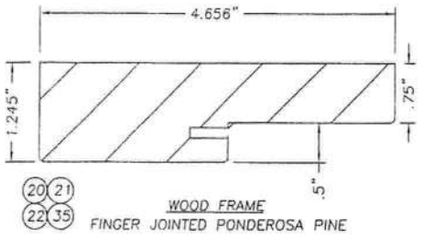
PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: ANCHORING LOCATIONS & GLAZING DETAILS

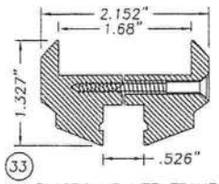
NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC. 813.659.9197

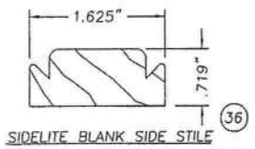
DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 6 OF 8



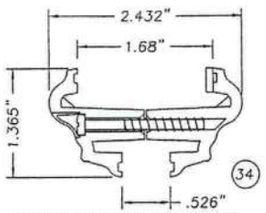
20 21 22 35 WOOD FRAME
FINGER JOINTED PONDEROSA PINE



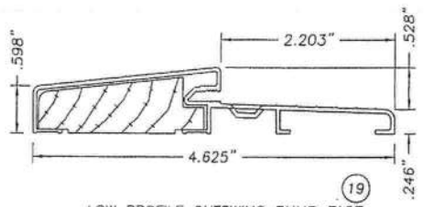
33 PLASTIC LIP LITE FRAME
EXTRUDED PVC



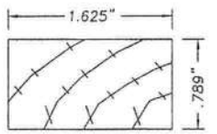
36 SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE



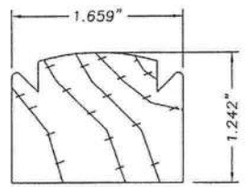
34 BTS PLASTIC LIP LITE FRAME
EXTRUDED BTS



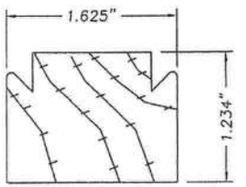
19 LOW PROFILE OUTSWING BUMP FACE
ALUMINUM/WOOD THRESHOLD
.050" WALL TYP.



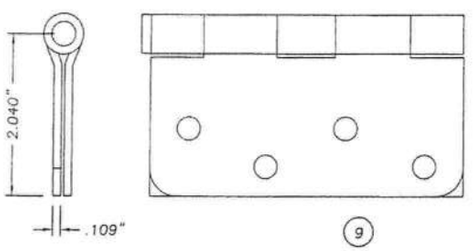
2 TOP RAIL
FINGER JOINTED PONDEROSA PINE



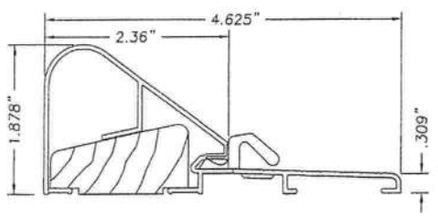
3 WOOD LATCH SIDE STILE



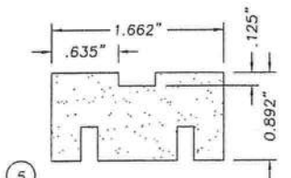
WOOD HINGE SIDE STILE 4



9 4 x 4 STEEL DOOR HINGE



39 HIGH DAM THRESHOLD
MIN. ALUMINUM WALL THICKNESS 0.050"



5 BOTTOM RAIL, WOOD COMPOSITE

Approved as complying with the Florida Building Code
Date MAY 1 2003
NOA# 01-0828.03
Miami Dade Product Control Division
By

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

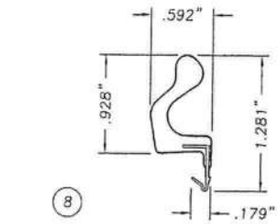
PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUTS-WING STEEL DOOR
PART OR ASSEMBLY: UNIT COMPONENTS

NO	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

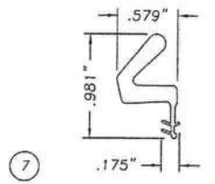
DATE: 03/28/01
SCALE: N.T.S
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 7 OF 8

Item	DESCRIPTION	Material
1	DOOR SKIN; CONSTRUCTION SERIES 25GA. (.018" MIN.)	STEEL
1A	SIDELITE SKIN; 24 GA. (.021" MIN.)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	LATCH STILE (THERMA-TRU, PONDEROSA PINE 1.659" x 1.242")	WOOD
4	HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.625" x 1.234")	WOOD
5	BOTTOM RAIL (1.662" x .892" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THREMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THREMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)	STEEL
11	#10 x 1" LG. PFH WOOD SCREW	STEEL
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
15	NOT USED	–
16	2x WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	–
19	ONE PIECE BUMP FACE THRESHOLD LOW PROFILE (THERMA-TRU)	ALUM./WOOD
20	4.656" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.656" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	–
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM.
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	CAULKING	LATEX
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #33)	STEEL
30	NOT USED	–
31	3/16" TAPCON ANCHOR (ELCO, 3.25" MIN. LG.)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	–
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC LIP LITE FRAME (BTS, THERMA-TRU)	BTS
35	4.656" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.625" x .719" PONDEROSA PINE)	WOOD
37	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	#10 X 3.0" LG PFH WOOD SCREW	STEEL
39	HIGH WATER DAM THRESHOLD (THERMA-TRU)	ALUM.
40	SILICONE CAULK	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL



(8)

LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE W/VINYL JACKET



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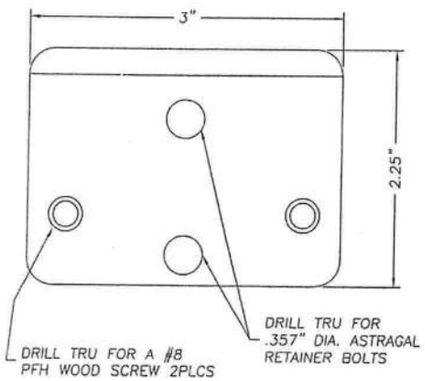
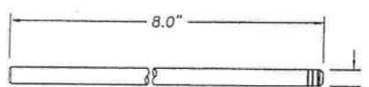
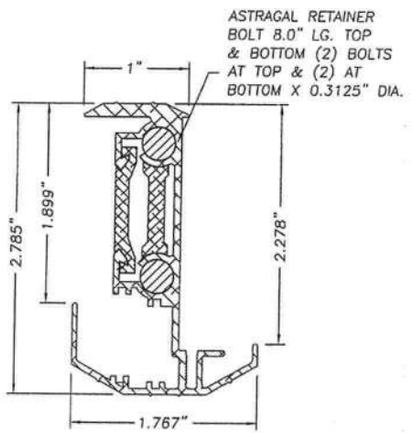
COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET



WINDJAMBER II WR68T STRIKE PLATE



ASTRAGAL RETAINER BOLT
MATERIAL: C/R ROD ZINC
& YELLOW CHROMATE



(24)

WINDJAMBER II WR68T
ASTRAGAL (ALUMINUM .052" WALL TYP.)

Approved as complying with the Florida Building Code
Date MAY 1, 2003
NOA# 01-0828.10
Miami Dade Product Control Division
By Manuel Perez

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800.537.8827

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
1	3/12/03	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2110
SHEET 8 OF 8

INSTALLATION INSTRUCTIONS FOR ALUMINUM FIN AND FLANGE WINDOWS

FAILURE TO FOLLOW THESE INSTRUCTIONS, AND BUILDING CODES REQUIREMENTS, MAY EFFECT THE REMEDIES AVAILABLE UNDER YOUR WARRANTY

READ THESE INSTRUCTIONS COMPLETELY BEFORE BEGINNING. Please inspect your MI Windows and Doors, Inc. product thoroughly before beginning installation. Inspect the opening and the product, and do not install if there is any observable damage or other irregularity. The product specification sheet and warranty include important information regarding your product and may include product-specific installation requirements (for example, types of fasteners to be used with impact resistant windows and limitations on the height at which the product may be installed); if you did not obtain copies please contact MI Windows and Doors, Inc. Local building codes may impose additional requirements, and those codes supercede these instructions.

1. IF THE HOUSE HAS A WEATHER RESISTANT BARRIER **(WRB)** I.E.: HOUSE WRAP, PREPARE THE OPENING ACCORDING TO MANUFACTURER'S INSTRUCTIONS. **BE SURE TO CUT & FOLD BACK THE WRB AT THE TOP AND SIDES SO THAT THE TOP AND SIDE NAILING FINS OF THE UNIT CAN BE INSTALLED UNDERNEATH IT. FLASHING WINDOWS IS RECOMMENDED AND MAY BE REQUIRED BY SOME BUILDING CODES, FLASHING MUST MEET ASTM D-779, 24 HOUR WATER RESISTANT TEST. APPLY THE HORIZONTAL SILL FLASHING BEFORE INSTALLING THE WINDOW AT THE BOTTOM OF THE ROUGH OPENING EXTENDING BEYOND EACH END. (SEE FIGURE 1 BELOW)**

2. MAKE SURE THE ROUGH OPENING IS PLUMB, SQUARE AND THE SILL PLATE IS LEVEL. ROUGH OPENINGS SHOULD BE 1/2" LARGER THAN NET WINDOW SIZE **IN WIDTH & HEIGHT.** (SEE FIGURE 2 BELOW)

3. CLOSE & LOCK THE SASH THROUGHOUT INSTALLATION, KEEP THE SIDE JAMBS PLUMB & SQUARE WITH HEAD AND SILL. BE CAREFUL NOT TO "CROWN UP" OR "BOW DOWN" THE HEAD OR SILL. CONSTANTLY CHECK WIDTH AT THE MEETING RAILS OF SINGLE AND DOUBLE HUNGS TO AVOID A "BOWED OUT" INSTALLATION. WHEN USING FLASHING APPLY THE BOTTOM PIECE BEFORE INSTALLING THE WINDOWS. FLASHING MUST MEET ASTM D-799, 24 HOUR WATER RESISTANCE TEST.

4. **APPLY A CONTINUOUS 3/8" BEAD OF PREMIUM GRADE, COMPATIBLE EXTERIOR SEALANT TO THE INTERIOR (BACKSIDE) OF THE NAIL FIN OR FLANGE NEAR THE OUTSIDE EDGE ON ALL SIDES PRIOR TO SETTING THE WINDOW INTO THE ROUGH OPENING.** (SEE FIGURE 3 BELOW)

5. SET AND CENTER THE WINDOW INTO THE OPENING. INSERT 1/4" SHIMS UNDER THE BOTTOM CORNERS **(DO NOT PLACE SHIMS OR BLOCKS UNDER THE SILL EXCEPT AT THE CORNERS)**. (SEE FIGURE 4 BELOW) MULLED WINDOWS, SLIDERS AND UNITS WITH INTERMEDIATE JAMBS REQUIRE A SHIM AT EACH MULLION. INTERMEDIATE JAMB OR MEETING RAIL TO INSURE A LEVEL SILL CONDITION. **NOTE: REMOVE ALL SHIMS AFTER INSTALLATION IS COMPLETE, EXCEPT AT THE MEETING RAILS OF SLIDERS. IF ADDITIONAL SHIMS ARE REQUIRED TO MAINTAIN A LEVEL SILL, APPLY SHIMS AS NECESSARY.**

6. TEMPORARILY PLACE A FASTENER THROUGH THE NAIL FIN ON EACH TOP CORNER OF FIN UNITS. ON FLANGE WINDOWS INSTALL TEMPORARY FASTENERS INTO THE HOLES PROVIDED IN THE FRAME AT THE TOP OF JAMBS. PLACE SHIMS AT EACH ANCHOR LOCATION AT THE SIDES AND HEAD. FASTENERS NEED TO BE INSTALLED STRAIGHT AND SUFFICIENT LENGTH TO PENETRATE TO FRAMING BY A MINIMUM OF 1 INCH. CHECK THE SILL FOR LEVEL BY RAISING THE SASH SLIGHTLY, THE SPACE SHOULD BE EQUAL, IF NOT ADJUST ACCORDINGLY, RELOCK SASH. CHECK THE JAMBS FOR PLUMB, THEN MEASURE DIAGONALLY ACROSS THE CORNERS. THESE DIMENSIONS MUST BE THE SAME FOR UNIT TO BE SQUARE. NEXT: PLACE FASTENERS NEAR THE BOTTOM CORNERS, AGAIN CHECKING WINDOW FOR LEVEL, PLUMB AND SQUARE. CONTINUE PLACING FASTENERS IN THE NAIL FIN, EVERY 16" ON ALL SIDES OF FIN WINDOWS UNTIL SECURE. AVOID DISTORTING THE FIN. FLANGE UNITS REQUIRE FASTENERS IN ALL HOLES PROVIDED IN THE FRAME, SHIMMING AS NEEDED.

7. PLACE SHIMS AT THE MEETING RAILS/CHECK RAILS AT THE SIDE JAMBS OF FIN UNITS TO PREVENT BOWING. THESE SHIMS SHOULD REMAIN AFTER INSTALLATION. CAUTION SHOULD BE TAKEN AS TO NOT OVER SHIM AND CAUSE DEFLECTION OF THE FRAME AND HINDER SASH OPERATION. CHECK THE WIDTH OF THE WINDOW AT THE TOP, MIDDLE AND BOTTOM, IF NOT THE SAME, SHIM ACCORDINGLY. UNLOCK AND OPERATE THE SASH, TILT IT IN AND VISUALLY INSPECT ALL SIGHT LINES.

8. CAULK OVER EXPOSED FASTENER HEADS ON THE NAIL FIN. ALSO CAULK OUTSIDE PERIMETER OF NAIL FIN AND FLANGE, OR IF USING FLASHING APPLY THE SIDE JAMB PIECES OVER LAPPING THE SILL FLASHING. NEXT: APPLY THE TOP (HEAD) PIECE OVERLAPPING THE JAMB FLASHING. LASTLY, UNFOLD THE WRB AT THE SIDES AND HEAD COVERING THE FLASHING. TAPE THE SEAMS AND SEAL THE SIDE OF THE WINDOW ONLY, ACCORDING THE THE HOUSE WRAP MANUFACTURERS INSTRUCTIONS. (SEE FIGURE 5 BELOW)

9. INSULATE BETWEEN THE WINDOW FRAME & ROUGH OPENING WITH FIBERGLASS INSULATION OR EQUAL. THE SPACE MAY BE FILLED WITH MEASURED USE OF LOW EXPANSION FOAM BUT ONLY AFTER DETERMINING THAT FOAM WILL NOT EXERT PRESSURE AGAINST THE FRAME, WHICH CAN IMPAIR OPERATION. DISTORTION OF THE FRAME WILL AFFECT THE USER'S RIGHTS UNDER THE WARRANTY.

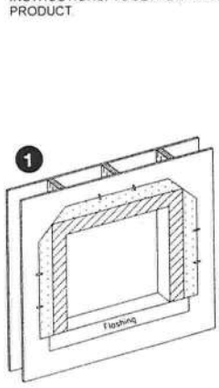
11. ALLOW A 1/4" GAP BETWEEN THE EXTERIOR CLADDING, SIDING,BRICK, STUCCO OR STONE AND THE WINDOW FRAME ON ALL SIDES, EXCEPT VINYL J-CHANNEL. THE GAP (EXPANSION JOINT) SHOULD BE FILLED WITH CORRECT SIZE BACKER ROD, THEN SEALED WITH A HIGH GRADE EXTERIOR SEALANT AND WILL NEED TO BE MAINTAINED.

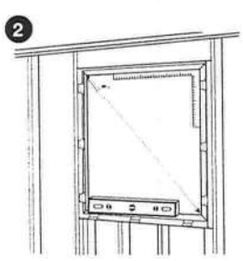
CAUTION:

- USE OF SOLVENTS OR ACIDS WILL DAMAGE COMPONENTS OF THIS PRODUCT AND WILL LIMIT RIGHTS UNDER WARRANTY.
- FIN WINDOWS SHOULD BE FASTENED THROUGH THE FIN ONLY-FLANGE WINDOWS ANCHORED ONLY THROUGH THE PROVIDED HOLES IN THE FRAME. FASTENING IN ANY OTHER PORTION MAY PERMANENTLY DAMAGE UNIT WHICH WILL LIMIT RIGHTS UNDER THE WARRANTY
- IT IS THE RESPONSIBILITY OF THE OWNER, ARCHITECT, OR BUILDER TO SELECT CORRECT PRODUCTS TO BE IN COMPLIANCE WITH APPLICABLE LAWS AND BUILDING CODES.
- DO NOT STORE IN THE SUN OR LAY FLAT BEFORE OR DURING INSTALLATION.
- ANY PENETRATIONS (e.g. ALARM SENSORS) MADE THROUGH ANY PORTION OF ANY M.I., BETTERBILT OR CAPITOL PRODUCT MAY AFFECT RIGHTS UNDER THE MANUFACTURER'S WARRANTY.
- SOME LAWS AND BUILDING CODES REQUIRE SAFETY GLASS TO BE USED NEAR DOORS AND/OR FLOORS. UNLESS SPECIFICALLY ORDERED, THE MANUFACTURER'S NEW CONSTRUCTION WINDOWS ARE NOT MADE WITH SAFETY GLASS, AND, IF BROKEN, THE GLASS MAY SHATTER AND CAUSE INJURY.

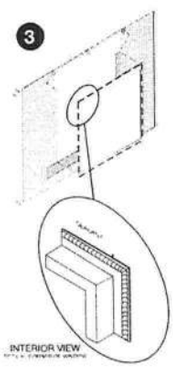
THESE INSTRUCTIONS ARE MINIMUM REQUIREMENTS ONLY, CHECK STATE AND LOCAL CODE RESTRICTIONS FOR ADDITIONAL COMPLIANCE ON INSTALLATION AND OR FASTENING. IF UNIT HAS EXTERIOR TRIM (BRICK MOLD/J CHANNEL, ETC.) THE UNIT MUST BE SEALED BEHIND THE NAIL FIN, THE TRIM IS PROVIDED FOR AESTHETIC PURPOSES ONLY. INSTALLATION INTO MASONRY OR REPLACEMENT OPENINGS MUST BE SEALED TO THE OPENINGS USING AN APPROVED, PROPER METHOD. REFER TO AAMA 2400 AND/OR ASTM E2112 STANDARDS.

THESE INSTALLATION INSTRUCTIONS ARE PROVIDED FOR INFORMATION ONLY; NO REPRESENTATION AND WARRANTY IS MADE THAT THESE INSTRUCTIONS SET FORTH ALL OF THE INFORMATION NECESSARY FOR PROPER INSTALLATION OF THE PRODUCT. GIVEN THE VARIETY OF FIELD CONDITIONS, PRIMARY RESPONSIBILITY FOR PRODUCT INSTALLATION RESTS WITH THE INSTALLER. DO NOT PROCEED UNLESS YOU HAVE ADDRESSED THE FACTORS NECESSARY TO ACHIEVE WEATHER-TIGHT INSTALLATION OF A PROPERLY FUNCTIONING PRODUCT. MI WINDOWS AND DOORS, INC. ASSUMES NO LIABILITY FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE INCURRED IN INSTALLATION. THESE INSTRUCTIONS, TOGETHER WITH THE PRODUCT SPECIFICATIONS AND WARRANTY SET FORTH THE ENTIRE LIABILITY OF MI WINDOWS AND DOORS, INC. WITH REGARD TO THE PRODUCT.

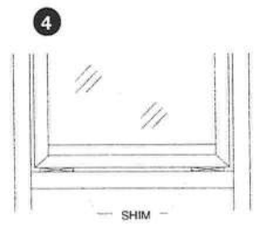




Check for level, plumb and square



INTERIOR VIEW



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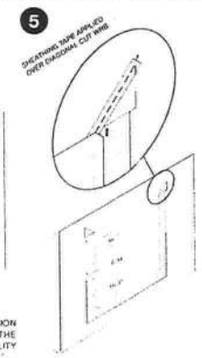
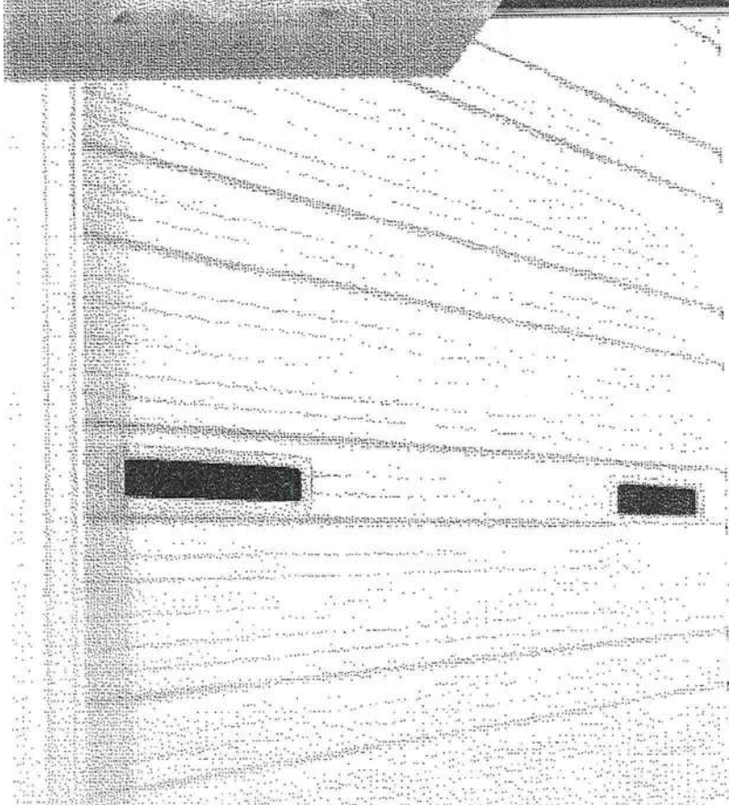


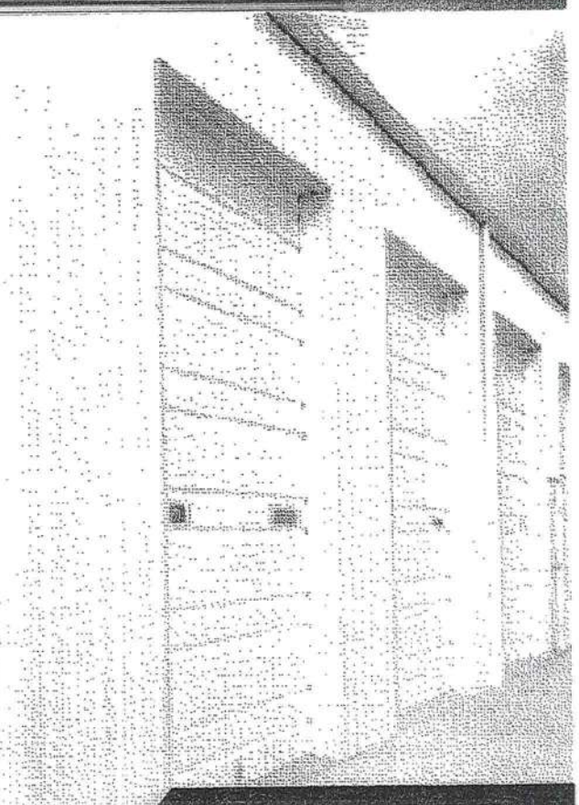
Revised 9/2005

TYPE 1

Clopay

MODEL 525





FEATURES

Model 525-Standard and Model 525S/525V-Insulated

Models 525 and 525S/525V are designed for applications requiring economy and reliability in a commercial door. Steel thickness is .019" min. This is equal to the "nominal" 24 gauge designation used by other door manufacturers.

Rustproof

Panels are prepainted inside and out to inhibit rust. Hot-dipped, galvanized steel is painted with primer and given a tough oven-baked polyester top coat to provide the most rust resistant steel door available. Ten year warranty against rust-through.

Ribbed Panel Design

- 2" thick sectional ribbed door
- Steel skins are hot-dipped galvanized coated with an epoxy primer and finished inside and out with a baked on white or brown polyester top coat
- Available noninsulated (525) or insulated (525S/525V) with environmentally-safe expanded polystyrene molded to the panel
- Durable rustproof Tog-L-Loc™ construction eliminates rivets and welds
- Many optional window and track configurations available

Year Warranty

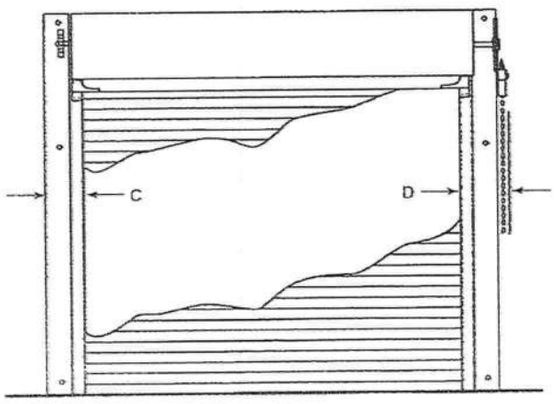
TYPE 2

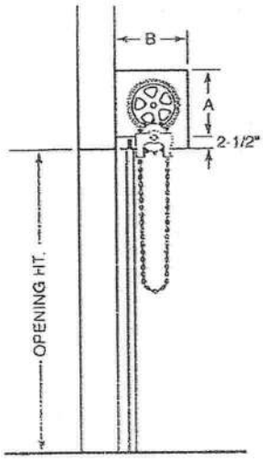
The Cookson Company

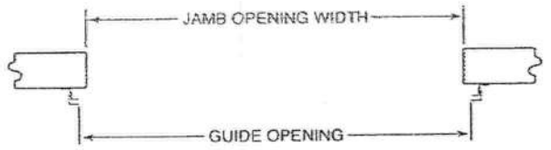
THE PREFERRED ROLLING DOOR

Type FC - Chain Operated Service Door

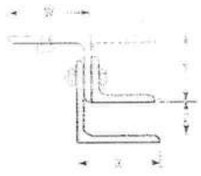
Gray Prime Finish - Face of Wall Mounted



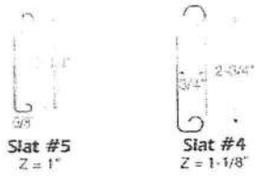




Guide Detail



Slat Selection



Slat #5
Z = 1"

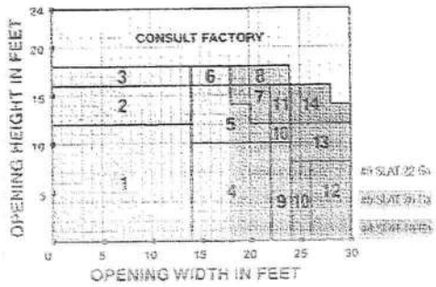
Slat #4
Z = 1-1/8"

AREA	COMPONENT DIMENSIONS						
	A	B	C	D	E	F	G
2	10'0"	10'0"	5'0"	3.5"	2.5"	3.0"	3.5"
3	12'0"	12'0"	6'0"	3.5"	2.5"	3.0"	3.5"
4	12'0"	14'0"	6'0"	3.5"	2.5"	3.0"	3.5"
5	13'0"	13'0"	6.5"	3.5"	2.5"	3.0"	3.5"
6	16'0"	12'0"	6.5"	3.5"	2.5"	3.0"	3.0"
7	15'0"	16'0"	6.5"	3.5"	2.5"	3.0"	4.5"
8	18'0"	13'0"	6.5"	3.5"	2.5"	3.0"	3.0"
9	13'0"	18'0"	6.5"	3.5"	2.5"	3.0"	5.0"
10	15'0"	15'0"	6.5"	3.5"	2.5"	3.0"	3.0"
11	15'0"	16'0"	6.5"	3.5"	2.5"	3.0"	3.0"
12	16'0"	12'0"	6.5"	3.5"	2.5"	3.0"	4.0"
13	18'0"	13'0"	6.5"	3.5"	2.5"	3.0"	3.5"
14	20'0"	21'0"	6.5"	3.5"	3.0"	3.0"	4.0"

Bottom Bar Detail

Determine Dimensions For Specific Door Size

1. From chart below select proper Area Number for width and height of door.
2. Refer to Selection Chart for dimensions.



COOKSON

TYPE I

STANDARD DUTY RIBBED STEEL DOORS

[illegible] by Clopay Building Products Company. Each door is provided as one complete unit including sections, brackets, tracks, counterbalance mechanisms, and hardware [illegible] wide x 18'0" high. 320 sq. ft. max.

Materials and Construction – [illegible] quality (.019" min.) gauge steel, hot-dipped galvanized per ASTM A-924, A-653, phosphate coated, prepainted with primer and baked-on polyester top coat. Two 1/2" [illegible] section by full 1-3/8". Minimum 18 gauge (.049" min.) end stiles up to 14'2"; over 14'2" [illegible]

Stiles and face panels shall be fastened with a Tog-L-Loc™ joining system. Bottom section reinforced with full-length .040" aluminum astragal retainer. Astragal to be U-shaped flexible PVC vinyl. Meeting rails to form weathertight tongue and groove joint. Combination step plate/lift handle provided for the bottom section.

Finish – Exterior of door to be prefinished with a 3-coat process of a baked-on polyester top coat over primer on a phosphate coating. White or brown standard colors. Interior to have baked-on polyester over primer. One full mil exterior and one half mil interior. FINISH GUARANTEED AGAINST RUST-THROUGH FOR A FULL TEN YEARS.

Hardware – All hinges and brackets to be manufactured of hot-dipped galvanized steel, 14 gauge roller hinges, 18 gauge (14 gauge on 525S/525V) center hinges. Ten ball steel rollers to be full floating in case-hardened steel races, mounted to fit the taper of the track.

Tracks – Vertical tracks to be a minimum of 16 gauge galvanized steel tapered and mounted for wedge type closing. Horizontal tracks to be minimum 14 gauge galvanized steel, reinforced with minimum 13 gauge galvanized angles as required. 2" track.

Spring Counterbalance – Door assembly to be operated by a torsion spring counterbalance mechanism, with a helically wound, oil tempered torsion spring mounted on a galvanized steel tube or solid steel shaft as required. Cable drums are die cast aluminum with high strength galvanized aircraft cable with minimum 7 to 1 safety factor.

Locking – Inside spring loaded slide bolt lock on end stile shall engage slot in track.

Wind Loading – Contact factory for specific wind loading requirements.

INSULATION OPTIONS

Insulation Model # with Backer Options	Door Type	Section Backing Material Options	Polystyrene Thickness	Section R-Value	Section U-Value
525V	(.019" min.)	Polyethylene vinyl sheet	1-3/8"	6.66	.15
525S	Gauge Std. Ribbed Steel	30 gauge prepainted steel	1-3/8"	6.66	.15

DISTRIBUTED BY:

OPTIONS

A. Insulation (See chart below) – Maximize energy efficiency with polystyrene insulation. Polyethylene vinyl (525V) or steel backers (525S) on door interior for durability. [illegible]

B. Glazing - 24" X 6" or 24" x 12" window lite with polypropylene screw together [illegible] available for Model 525S/525V. Prepainted full-view section with white or brown finish available with DSB glass and 1/8" Plexiglas. Consult factory for other options.

C. Locking – [illegible]

D. High Cycle Spring – Available in 25,000; 50,000; and 100,000 cycle.

E. [illegible]

G. Track – Vertical lift, high lift, follow the roof slope and low headroom track available.

H. Weatherstripping – Complete perimeter seals available in various materials.

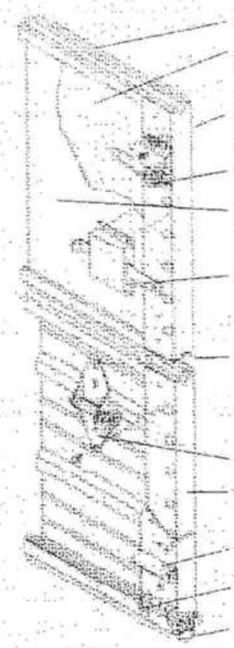
I. Installation – Install door including sections, brackets, guides, tracks, etc. in accordance with final shop drawings (if required) and instructions by Clopay Building Products Company.

PANEL & WINDOW ARRANGEMENT

Door Width	Number of Panels	Max Number of Window Lites
Up to 9'2"	2	2
9'4" to 13'2"	3	3
13'4" to 16'2"	4	4
16'4" to 20' 2"	5	5

SECTION ARRANGEMENT

Door Height	Number of Sections
Up to 8'0"	4
8'3" to 10'0"	5
10'3" to 12'0"	6
12'3" to 14'0"	7
14'3" to 16'0"	8



The New Steel · ARCAT · DASMA · See us in Sweet's · IDA www.doors.org

For more information on these and other Clopay products, call 1-800-526-4301 or visit our web site at http://www.clopaycommercial.com

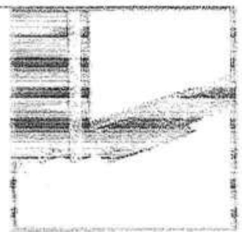
Printed in U.S.A.
CMDC-0525 02_REV0203
Specifications subject to change without notice.

TYPE 3

Guides

- 12-gauge galvanized steel guide with 12-gauge windlock bar spot welded to guide
- Polyethylene wear strip
- Bolt on head stop 1/4" plate steel
- 3" deep engagement
- Pre punched for lock and attachment screws

Hardware



- 13-gauge saddle clamps
- 10-gauge slide locks 2 per door
- 16 gauge step plate 2 per door
- 1/4" steel angle T-bracket

Options

- Chain hoist 4:1 reduction
- Chain hoist 8:1 reduction
- Top draft stop (as pictured)
- Hood top header seal
- Steel mounting plates
- Electric operator

DBCI Commercial Steel Curtain Roll Up Door Solutions Include:

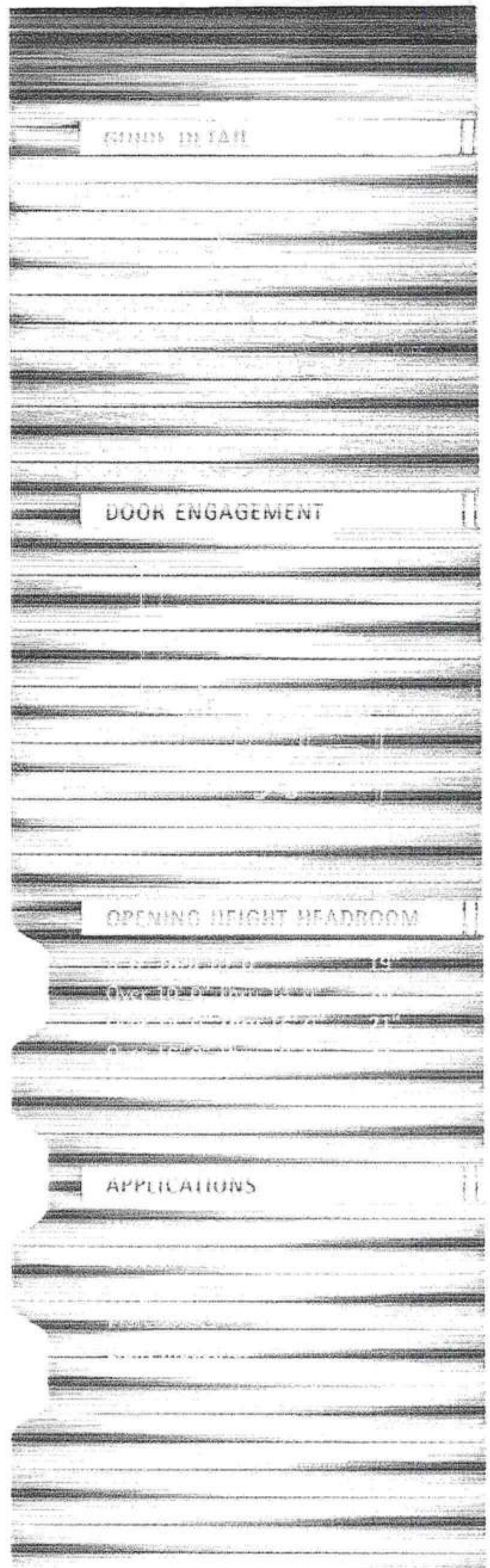
2000 (2250 Insulated)
- 14-gauge door guides
- 16-gauge galvanized steel drums w/steel ball bearings
- 26-gauge grade E steel curtain

2500 (2750 Insulated)
- Heavy duty 12-gauge, three-inch deep guides
- 10-gauge steel slide bolt lock
- Width up to 18 feet

3000 (3250 Insulated)
- Four inch deep guides with windlock insert
- Aluminum steel angle bottom bar

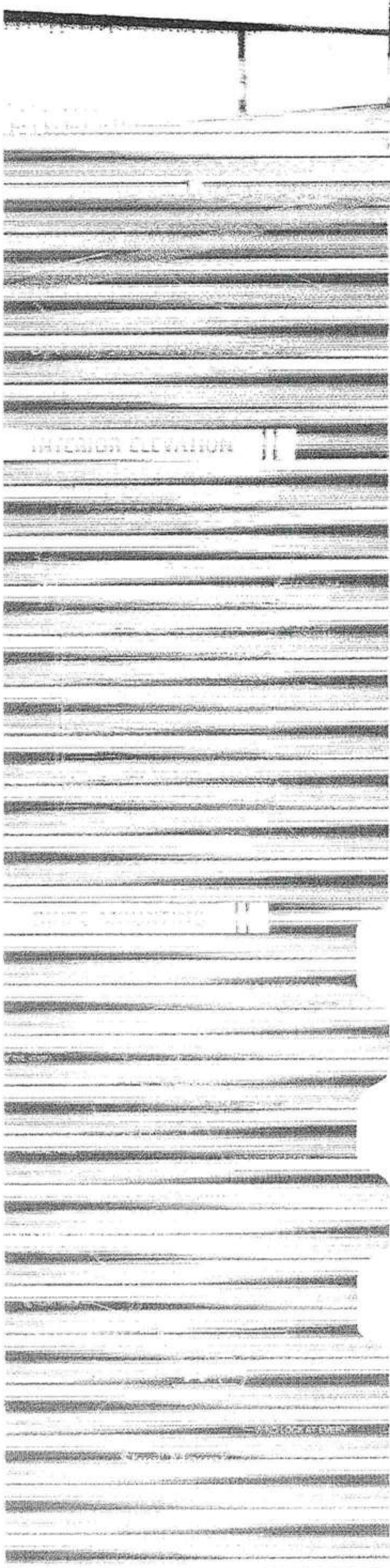
4000 Series
- 24-gauge curtain

5100 Series
- Wind certified up to 16' wide



*CONTACT A DBCI SALES REPRESENTATIVE FOR A DETAILED DRAWING.

TYPE 3



General Description

- Designed to meet stringent building codes in Coastal Regions and Florida
- Utilizes 12" drums
- Limited maximum size of 18' x 18'
- Deep engagement guides and windlocks for stronger/better performances

Approximate MPH Certification

- 10' wide = (150mph)
- 12' wide = (150mph)
- 14' wide = (146mph)
- 16' wide = (140mph)

*For actual test results contact DBCi Commercial Sales at 800.542.0501

Curtain

- 26-gauge galvanized
- Grade 5 hard steel
- [illegible]
- [illegible]
- [illegible]
- Wash coat over primer interior side
- 25-year film integrity warranty – up to 25-year chalk and fade
- Improved flexible wear strips

- 6063-T6 aluminum extrusion
- 2" x 1½" galvanized angles with stiffeners
- Bulb astrigal (durometer 75)
- Stainless steel nuts and bolts

- 1-9/16" O.D. steel axle, 14-gauge (11-gauge on doors 13'6" and larger)
- Oil tempered torsion springs
- 18-gauge drums 12" diameter galvanized
- Shielded steel ball bearings staked in drums

DBCi

TYPE 2

Type FC - Chain Operated Service Door

Gray Prime Finish - Face of Wall Mounted

1.0 GENERAL

1.1 Summary

A. All Rolling Service Doors shall be as manufactured by The Cookson Company, Phoenix, Arizona. Furnished materials shall include all curtains, bottom bars, guides, brackets, hoods, operating mechanisms and any special features.

B. Work not to be included by The Cookson Company includes [illegible] not limited to structural or miscellaneous iron work, access [illegible]

1.2 Quality Assurance

A. [illegible] Windlocks shall be installed on doors over 14'1" wide.

B. All rolling service doors shall be designed to a standard maximum of 25 cycles per day and an overall maximum of 50,000 operating cycles for the life of the door.

2.0 PRODUCTS

2.1 Materials

A. The door curtain shall be constructed of interconnected strip steel slats conforming to ASTM A-653. The proper gauge of steel shall be chosen as follows:

1. 22 gauge with a No. 5 (measuring 2-1/4" high by 5/8" deep) flat slat as designated by The Cookson Company if the door width does not exceed 18'4" and the door height does not exceed 18'4".
2. 20 gauge with a No. 5 flat slat as designated by The Cookson Company if the door width is between 18'5" and 24'4" and the door height does not exceed 18'4".
3. 18 gauge No. 4 (measuring 2-3/4" high by 3/4" deep) flat slat as designated by The Cookson Company if the door width [illegible]

B. The finish on the door curtain shall be Cookson FinalCote consisting of the following:

1. [illegible] with ASTM A-653
2. [illegible]
3. [illegible]
4. Thermosetting gray polyester top coat with a minimum [illegible]

C. [illegible] mechanically joined together. The finish on the bottom bar shall be one (1) coat of bronze rust-inhibiting prime paint.

D. The guides shall consist of 3 steel angles bolted together with 3/8" fasteners to form a channel for the curtain to travel. The wall angle portion shall be continuous and fastened to the surrounding structure with either minimum 1/2" fasteners or welds, both on 36" centers. The finish on the guide angles shall be one (1) coat of bronze rust-inhibiting prime paint.

E. The brackets shall be constructed of steel not less than [illegible] fasteners. The finish on the brackets shall be one (1) coat of [illegible]

F. All gears shall be cast iron with teeth cast from machine cut [illegible] effort of not more than 30 pounds.

G. The barrel shall be steel tubing of not less than 4" in diameter. Oil tempered torsion springs shall be capable of correctly counter balancing the weight of the curtain. The barrel shall be designed to limit the maximum deflection to .03" per foot of opening width. The springs shall be adjusted by means of an exterior wheel. The finish on the barrel shall be one (1) coat of bronze rust-inhibiting prime paint.

H. The hood shall be fabricated from 24 gauge galvanized steel and shall be formed to fit the curvature of the brackets. The finish on the hood shall be the Cookson FinalCote finish as indicated in the curtain section.

2.2 Operation

A. Chain operated doors shall open and close with a maximum of 30 pounds of effort utilizing an endless chain and cast iron reduction gears.

2.3 Locking Mechanisms

A. The chain door shall be secured by means of a chain lock.

3.0 EXECUTION

3.1 Installation

A. All Cookson Rolling Service Doors shall be installed by an authorized Cookson Distributor.

3.2 Warranty

A. All Cookson Rolling Service Doors shall be warranted for a period of 2 years from the time of shipment against defects in workmanship and materials.

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 WITH AMENDMENTS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 WITH AMENDMENTS BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SIGNATURE AND SEAL OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA. THE FOLLOWING BASIC WIND SPEED AS PER SECTION 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ---------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ---------- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: **Two (2) complete sets of plans containing a floor plan, site plan, foundation plan, floor/roof framing plan or truss layout, wall sections and all exterior elevations with the following criteria and documents:**

Applicant	Plans Examiner	
☐	☐	**All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.**
☐	☐	**Designers name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed.**
☐	☐	**Two (2) Copies of Approved Site Plan**
☐	☐	**Minimum Type Construction (FBC Table 500)**
☐	☐	**Wind Load Engineering Summary, calculations and any details required:** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC 1. Basic wind speed (MPH) 2. Wind importance factor (I) and building category 3. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated 4. The applicable internal pressure coefficient 5. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☐	☐	**Fire Resistant Construction Requirements shall include:**
☐	☐	a) Fire resistant separations (listed system)
☐	☐	b) Fire resistant protection for type of construction
☐	☐	c) Protection of openings and penetrations of rated walls (listed systems)
☐	☐	d) Fire blocking and draft-stopping
☐	☐	e) Calculated fire resistance

Fire Suppression Systems shall include: (To be reviewed by Fire Department)

- ☐ ☐ a) Fire sprinklers
- ☐ ☐ b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer
- ☐ ☐ **c)** Smoke evacuation system schematic
- ☐ ☐ **d)** Stand-pipes
  - Pre-engineered system
  - Riser diagram

Life Safety Systems shall include: (To be reviewed by Fire Department)

- ☐ ☐ a) Occupancy load and egress capacity
- ☐ ☐ b) Early warning
- ☐ ☐ c) Smoke control
- ☐ ☐ d) Stair pressurization
- ☐ ☐ e) Systems schematic

Occupancy Load/Egress Requirements shall include:

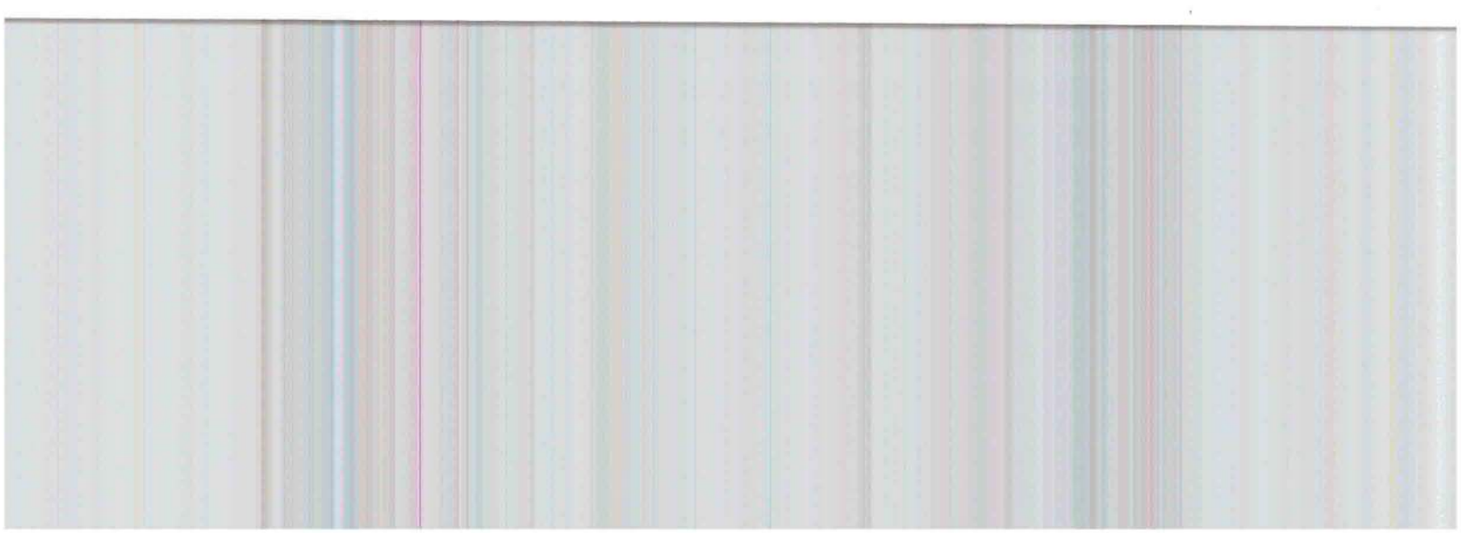
- ☐ ☐ a) Occupancy load (gross and net)
- ☐ ☐ b) Means of egress
  - exit access, exit and exit discharge
- ☐ ☐ c) Stair construction/geometry and protection
- ☐ ☐ d) Doors
- ☐ ☐ e) Emergency lighting and exit signs
- ☐ ☐ f) Specific occupancy requirements
  1. Construction requirements
  2. Horizontal exits/exit passageways

Structural Requirements shall include:

- ☐ ☐ a) Soil conditions/analysis
- ☐ ☐ b) Show type of termite treatment (termicide or alternative method)
- ☐ ☐ c) Design loads
- ☐ ☐ d) Wind requirements
- ☐ ☐ e) Building envelope
- ☐ ☐ f) Structural calculations
- ☐ ☐ g) Foundations
- ☐ ☐ h) Wall systems
- ☐ ☐ i) Floor systems
- ☐ ☐ j) Roof systems
- ☐ ☐ k) Threshold inspection plan (if applicable)
- ☐ ☐ l) Stair systems

Materials shall include:

- ☐ ☐ a) Wood
- ☐ ☐ b) Steel
- ☐ ☐ c) Aluminum
- ☐ ☐ d) Concrete
- ☐ ☐ e) Plastic
- ☐ ☐ f) Glass (mfg. Listing for wind zone including details for installation and attachments
- ☐ ☐ g) Masonry
- ☐ ☐ h) Gypsum board and plaster
- ☐ ☐ i) Insulating (mechanical)
- ☐ ☐ j) Roofing (mfg. Listed system for wind zone with installation and attachments)
- ☐ ☐ k) Insulation



Accessibility Requirements shall include:

- ☐ ☐ a) Site requirements
- ☐ ☐ b) Accessible route
- ☐ ☐ c) Vertical accessibility
- ☐ ☐ d) Toilet and bathing facilities
- ☐ ☐ e) Drinking fountains
- ☐ ☐ f) Equipment
- ☐ ☐ g) Special occupancy requirements
- ☐ ☐ h) Fair housing requirements

Interior Requirements shall include:

- ☐ ☐ a) Interior finishes (flame spread/smoke develop)
- ☐ ☐ b) Light and ventilation
- ☐ ☐ c) Sanitation

Special Systems shall include:

- ☐ ☐ a) Elevators
- ☐ ☐ b) Escalators
- ☐ ☐ c) Lifts

Swimming Pools – Commercial – Plans shall be signed and sealed by a Professional Engineer registered in the State of Florida and approved by the Department of Business and Professional Regulation/Health Department Indicating compliance with the Florida Administrative Code, Chapter 64E-9 And Section 424 of the Florida Building Code

Electrical:

- ☐ ☐ a) Electrical wiring, services, feeders and branch circuits, over-current protection, grounding, wiring methods and materials, GFCIs
- ☐ ☐ b) Equipment
- ☐ ☐ c) Special Occupancies
- ☐ ☐ d) Emergency Systems
- ☐ ☐ e) Communication Systems
- ☐ ☐ f) Low Voltage
- ☐ ☐ g) Load calculations
- ☐ ☐ h) Riser diagram

Plumbing:

- ☐ ☐ a) Minimum plumbing facilities
- ☐ ☐ b) Fixture requirements
- ☐ ☐ c) Water supply piping
- ☐ ☐ d) Sanitary drainage
- ☐ ☐ e) Water heaters
- ☐ ☐ f) Vents
- ☐ ☐ g) Roof drainage
- ☐ ☐ h) Back flow prevention
- ☐ ☐ i) Irrigation
- ☐ ☐ j) Location of water supply
- ☐ ☐ k) Grease traps
- ☐ ☐ l) Environmental requirements
- ☐ ☐ m) Plumbing riser

Mechanical:

- ☐ ☐ a) Energy calculation (signed and sealed by Architect or Engineer, registered in the State of Florida)
- ☐ ☐ b) Exhaust systems (clothes dryer exhaust, kitchen equipment exhaust, Specialty equipment exhaust)
- ☐ ☐ c) Equipment
- ☐ ☐ d) Equipment location
- ☐ ☐ e) Make-up air
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- ☐ ☐ n) Bathroom ventilation
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Gas:

- ☐ ☐ a) Gas piping
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- ☐ ☐ c) Combustion air
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- ☐ ☐ e) Appliances
- ☐ ☐ f) Type of gas
- ☐ ☐ g) Fireplaces
- ☐ ☐ h) LP tank locations
- ☐ ☐ i) Riser diagram/shut offs

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice of Commencement Required Before Any Inspections will be Done**

☐ ☐ **Private Potable Water:**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects; If you were required to have a Site and Development Plan Approval, list SDP number.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required. A copy of property deed is also requested. (386) 758-1084

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required

4. **City Approval:** If the project is located within the city limits of the Town of Fort White prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) **has not been** established shall meet the requirements of section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. **The development permit cost is $50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($25.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications**. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

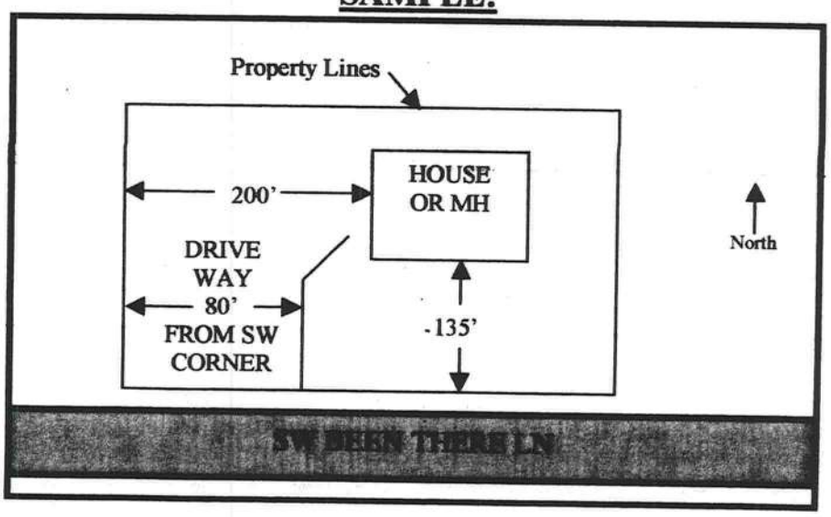
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
   b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
   c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

COLUMBIA COUNTY BUILDING DEPARTMENT

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☐	☐	**Minimum Type Construction (FBC Table 500)**
☑	☐	**Wind Load Engineering Summary, calculations and any details required:** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC 1. Basic wind speed (MPH) 110 2. Wind importance factor (I) and building category B 3. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated 4. The applicable internal pressure coefficient 5. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
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Gas:

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- ☐ ☐ c) Combustion air
- ☐ ☐ d) Chimney's and vents
- ☐ NA ☐ e) Appliances
- ☐ ☐ f) Type of gas
- ☐ ☐ g) Fireplaces
- ☐ ☐ h) LP tank locations
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6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($25.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications**. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

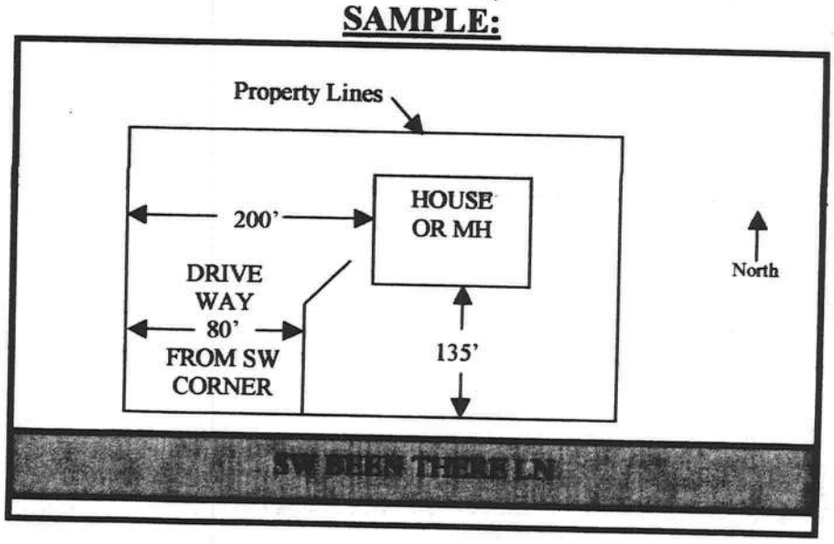
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
   b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
   c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.