

36 South River Road

THIS PERMIT MUST BE DISPLAYED IN FRONT OF JOB

DO NOT REMOVE UNTIL JOB IS COMPLETED

OWNER Dr & Mrs Robert Pope Jr
 CONTRACTOR SEA COAST CONSTRUCTION INC
 LOT 21 BLOCK _____ SUB Hillcrest drive
 NO. 36 South River Road St. or Ave.

NO. 2454 Date Issued 12/14/88

Call 287-2455 From 8:00 A.M. - 12:00 Noon and
 1:00 P.M. - 4:00 P.M. For Inspections of Items 1 thru 13.

TOWN OF SEWALL'S POINT BUILDING PERMIT

REQUIRED INSPECTIONS	INSPECTOR'S FINDING	INSPECTOR'S SIGNATURE
1. LOT STAKES/SET BACKS		
2. TERMITE PROTECTION		
3. FOOTING - SLAB	OK 1/3/89	DB
4. ROUGH PLUMBING	OK 1/10/89	DB
5. ROUGH ELECTRIC		
6. LINTEL		2 Floor Tie Beams 3/17/89
7. ROOF		
8. FRAMING	OK 1/21/89	
9. INSULATION	OK 1/11/89	DB
10. A/C DUCTS	OK 4/1/89	
11. FINAL ELECTRIC		
12. FINAL PLUMBING		
13. FINAL CONSTRUCTION		

- * REQUESTS FOR INSPECTIONS REQUIRE AT LEAST 24 HOURS NOTICE.
- * ALL WORK MUST BE IN COMPLIANCE WITH THE TOWN OF SEWALL'S POINT ORDINANCES, THE SOUTH FLORIDA BUILDING CODE, THE STATE OF FLORIDA ENERGY EFFICIENCY BUILDING CODE AND ELEVATIONS BASED ON THE LATEST FLOOD INSURANCE RATE MAP.
- * WORKING HOURS ARE FROM 8:00 to 5:00 P.M. MONDAY THRU SATURDAY. PORTABLE TOILET FACILITIES MUST BE ON JOB SITE BEFORE INITIAL INSPECTION.

TO CONSTRUCT New Residence

REMARKS: DB
 Pev's Exterminating Co., Inc.
 Pest Control - Lawn Spraying - Termite Control
 P. O. Box 608 Stuart, Florida 34986
 Phone 287-7411 487-7111

Pev's Exterminating Co., Inc.
 1345 S.W. 1st St. Stuart, Florida 34986
 Phone 287-7411 487-7111

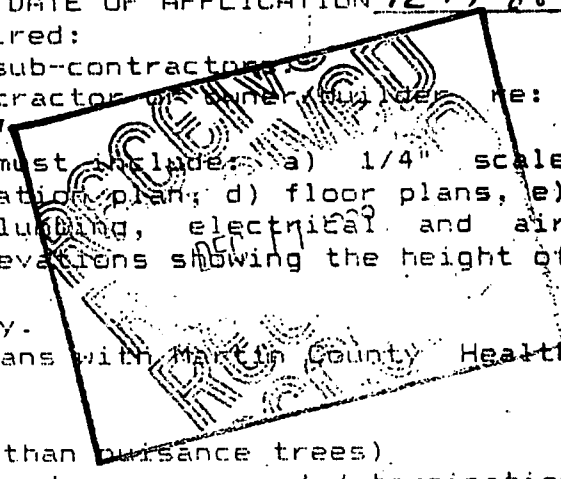
APPLICATION FOR PERMIT TO BUILD A HOUSE OR COMMERCIAL BUILDING

PERMIT NUMBER 2454

DATE OF APPLICATION 12-14-88

To obtain a permit the following are required:

1. Florida certification of builder and sub-contractors.
2. Certification of insurance from contractor or owner, builder, liability and workers' compensation.
3. Two sets of building plans which must include: a) 1/4" scale building drawings, b) plot plan, c) foundation plan, d) floor plans, e) wall and roof cross-sections, e) plumbing, electrical and air conditioning layouts, f) at least two elevations showing the height of building from finished floor.
4. Recorded warranty deed to the property.
5. Septic tank permit and one set of plans with Martin County Health Department seal.
6. Energy code calculations.
7. Tree removal permit (for trees other than nuisance trees).
8. Certification of elevation from licensed surveyor and determination of flood zone.
9. Amount of fill anticipated - rough sketch showing location of fill
10. Manufacturer's schedule of windows.



Owner DR. & MRS ROBERT PARE JR. Current Address JENSEN BEACH, FLA.
 Telephone 334-6724
 General Contractor SEACOAST CONST, INC Address 2895 E. OCEAN BLVD
 Telephone 283-6642 STUART FLA. 34996
 Where Licensed STATE License Number CGC-018346
 Plumbing Contractor ATLANTIC PLUMBING License Number _____
 Electrical Contractor RIVERSIDE ELECT. License Number _____
 Roofing Contractor TURNER ROOFING License Number _____
 A/C Contractor SUNCOAST A/C License Number _____

Describe the building or alterations SINGLE FAMILY RESIDENCE
 Name the street on which the building, its front building line and its front yard will face 36 So. River Rd
 Subdivision HILLCREST Lot 21 Block _____

Building area (inside walls) 4135 Garage, porch, carport area 778
 Contract price (excluding carpet, land, appliances, landscaping) \$ 270,000.00
 Cost of permit \$1965.00 Plans approved as submitted _____ as marked _____

- In addition, the following are understood by owner and contractor:
1. Building area inside walls must be a minimum of 1,500 square feet.
 2. Building permit fees are \$5. per \$1,000. of the cost of the building, plus \$10. each for plumbing, electric, a.c. and roof. For example a \$100,000. building x \$5. = \$500. plus \$40. (a.c., pl., el., roof) = \$540. cost of permit + \$365. impact fee = \$905. total.
 3. If no contract is submitted as proof as cost, the permit will be based on \$60. per square foot (inside walls) and \$25. per square foot (other areas).
 4. The Town has adopted the South Florida Building Code
 5. Building permits are issued for one year's duration.
 6. Construction must be started within 180 days or permit will be subject to revocation and forfeiture of fee.
 7. ALL changes in plans must be approved by the Building Department.
 8. Work hours are 8:AM to 5:PM Monday through Friday. NO SUNDAY WORK
 9. Portable toilets must be on all construction sites.
 10. Inspections are made Monday through Friday, 8:AM to Noon, 1:PM to 4:PM. 24 hour notice is required prior to all inspections.
 11. String lines along property lines to facilitate set back inspections.
 12. Before a certificate of occupancy is issued, the following are required:
 - a. An owner's affidavit of building cost (form available) any discrepancy between the original fee and final fee (based on affidavit) will be adjusted.
 - b. Approval of septic tank installation by Martin Co. Health Dept.
 - c. Rough grading and clean up of grounds.
 - d. Affidavit from licensed surveyor showing slab elevation (if in "A" zone).
 - e. Certification by a qualified engineer or architect of the structural adequacy of the building.

13. THIS SUMMARY IS NOT A SUBSTITUTE FOR TOWN ORDINANCES. APPROVAL OF THE BUILDING PLANS IN NO WAY RELIEVES THE OWNER OR CONTRACTOR FROM COMPLIANCE WITH TOWN ORDINANCES.

14. 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.

Contractor's Signature [Signature] Owner's Signature Robert A. Pare Jr.
 Approval by Building Inspector [Signature] Date 12/15/88
 Approval by Building Commissioner [Signature] Date 12/15/88
 Certificate of Occupancy issued [Signature] Date 2/2/89

733637

THIS INSTRUMENT PREPARED BY:

Lawrence E. Crary III, Esquire
 CRARY, BUCHANAN, BOWDISH & BOVIE, Chtd.
 555 S.W. Colorado Avenue, Suite 1
 Post Office Drawer 24
 Stuart, Florida 34995-0024

WARRANTY DEED
 (FROM CORPORATION)

THIS WARRANTY DEED made and executed the 27 day of September, 1988 by FAIRVIEW PROPERTIES, INC., a Virginia corporation qualified to do business in the State of Florida as FAIRVIEW SOUTH, INC., and having its principal place of business at 453 Riverside Drive, Stuart, Florida 34994, hereinafter called the grantor, to ROBERT H. PARE', JR. and ERYN T. PARE', his wife, whose post office address is 2230 N.E. Pinecrest Lakes Blvd., Jensen Beach, Florida 34957, hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

W I T N E S S E T H:

That the grantor, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS, and other good and valuable considerations, the receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee, all that certain land situate in Martin County, Florida, viz:

Lot 21, Plat of HILLCREST, according to the Plat thereof recorded in Plat Book 10, Page 39, Martin County, Florida, public records.

SUBJECT TO the following restrictions which, upon the delivery and acceptance of this Deed, shall be binding upon the Grantee, his heirs, successors and assigns, as follows: Any residence constructed upon this property shall contain a minimum of two thousand (2,000) square feet of air-conditioned living space, exclusive of porches, balconies, and garages; said residence shall include an attached garage to accommodate at least two (2) automobiles ("two-car garage"); and said residence shall have a cedar shake, barrel tile or cement tile roof.

THIS CONVEYANCE IS ALSO SUBJECT TO: (1) The Declaration of Covenants and Restrictions for Hillcrest recorded in Official Records Book 701, Page 1092, public records of Martin County, Florida; (2) Reservations, restrictions, easements and rights of way of public record; (3) zoning and other governmental regulations in force and effect; and (4) taxes accruing subsequent to December 31, 1987.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances.

FLA. DOC. PAID

\$ 440.00

McKenzie Stillar
 Clerk of Circuit Court
 Martin Co., Fla.

By Ed D.C.

BOOK 783 PAGE 961

IN WITNESS WHEREOF the grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officer thereunto duly authorized, the day and year first above written.

Signed, sealed and delivered in the presence of:

Maria Mills
Nancy J. Waller
Witnesses

FAIRVIEW PROPERTIES, INC., a Virginia corporation qualified to do business in the State of Florida as FAIRVIEW SOUTH, INC.

BY: Stephen J. Broderick (SEAL)
Stephen J. Broderick, Vice President

DISTRICT OF COLUMBIA
CITY OF WASHINGTON

I HEREBY CERTIFY that on this day before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared Stephen J. Broderick, well known to me to be the Vice-President of the corporation named as grantor in the foregoing deed, and that he acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in him by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 27 day of September, 1988



Kathryn V. Robery
NOTARY PUBLIC
My Commission Expires:
October 31, 1988

Parcel Identification Number: 01-38-41-014-000-00210-2

FILED FOR RECORD
MARTIN CO. FLA.
88 OCT -5 PM 3:15
MARSHA STILLER
CLERK OF CIRCUIT COURT
BY [Signature] D.C.



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

FEL

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM

PERMIT NUMBER HD88-715 HOME PHONE _____
 NAME OF APPLICANT Sea Coast Construction WORK PHONE 283-6642
 MAILING ADDRESS OF APPLICANT 2895 S.E. Ocean Blvd.
Stuart, Fl. ZIP CODE 34996
 LOT ~~2~~ 2/BLOCK N/A SUBDIVISION HILLCREST S/D
 IF NOT SUBDIVIDED, ATTACH A COMPLETE LEGAL DESCRIPTION
 PLAT BOOK 10 PAGE 39 DATE SUBDIVIDED 1987
 RESIDENTIAL: NUMBER DWELLING UNITS 1 NUMBER BEDROOMS 4
 LOT SIZE 20,300 FT² HEATED OR COOLED AREA OF HOME 4135 FT²
 COMMERCIAL: TYPE OF BUSINESS PROPOSED _____
 BUILDING SIZE _____ FT²

-----AFFIDAVIT-----

I HAVE REVIEWED THIS PERMIT AND I CERTIFY THAT ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT AND ANY APPLICABLE STATE OR COUNTY REGULATIONS.

SIGNATURE OF PROPERTY OWNER OR OWNER'S LEGALLY AUTHORIZED REPRESENTATIVE

[Handwritten Signature]

-----INSTALLATION SPECIFICATIONS-----

SEPTIC TANK CAPACITY 1200 GALLONS
 DRAINFIELD SIZE 1500 SQUARE FEET 9'W x 56'L
 DRAINFIELD ROCK MUST BE 5 FEET FROM FRONT OR REAR PROPERTY LINES
 AND 5 FEET FROM SIDE PROPERTY LINES. EXCAVATION CAN NOT EXTEND MORE THAN FIVE FEET FROM APPROVED INSTALLATION AREA.

TOP OF BUILDING STUB OUT IS REQUIRED TO BE A MINIMUM ELAVATION OF

FINISH SOIL GRADE

* Not to exceed 18" of cover over D.F. rock.

ISSUED BY: [Signature] DATE 12-12-88
MARTIN COUNTY PUBLIC HEALTH UNIT

PLEASE NOTE:

- (1) IF BUILDING CONSTRUCTION DOES NOT START WITHIN ONE YEAR FROM DATE OF ISSUANCE, THIS PERMIT EXPIRES. IF BUILDING CONSTRUCTION STARTS WITHIN 1 YEAR FROM DATE OF ISSUANCE, THE DATE OF EXPIRATION WILL BE EXTENDED AN ADDITIONAL 90 DAYS.
- (2) APPLICANT IS RESPONSIBLE FOR REPLACING EXCAVATED SOILS WITH A GOOD GRADE OF SAND.
- (3) NA REINSPECTION FEE IF WELL NOT INSTALLED AT TIME OF ONSITE SEWAGE DISPOSAL SYSTEM INSPECTION.
- (4) INSPECTION RESULTS WILL BE POSTED ON BUILDING PERMIT OR ON ELECTRICAL BOX.
- (5) IF BUILDING STUBOUT IS PLACED MORE THAN 20 FEET FROM SEPTIC TANK OR DRAINFIELD, A HIGHER STUBOUT ELEVATION THAN SHOWN ABOVE WILL BE REQUIRED.
- (6) IF FILL IS REQUIRED, CONTACT MARTIN COUNTY BUILDING DIVISION.
- (7) IF ANY INFORMATION ON THIS PERMIT CHANGES, AN UPDATED APPLICATION IS REQUIRED.
- (8) IF WELL OR MOUND DRAINFIELD IS PROPOSED, SEE ATTACHED SKETCH OF ADDITIONAL SPECIAL REQUIREMENTS.

-----FINAL INSPECTION-----

CONSTRUCTION APPROVED BY: _____ DATE _____
MARTIN COUNTY PUBLIC HEALTH UNIT

AN APPROVED SYSTEM DOES NOT GUARANTEE PERFORMANCE



APPLICANT Seacoast Const
LEGAL DESCRIPTION Lot 21 Hillcrest

-----SITE INFORMATION-----

1. IS THERE A SEPTIC SYSTEM OR OTHER INTERFERENCE WITHIN 75 FEET OF THE PROPOSED PRIVATE WELL? No
2. IS THERE A POTABLE PRIVATE WELL WITHIN 75 FEET OF THE PROPOSED AVAILABLE AREA FOR THE PROPOSED SEPTIC SYSTEM? No
3. IS THERE AN IRRIGATION WELL WITHIN 50 FEET OF THE AVAILABLE AREA FOR THE PROPOSED SEPTIC SYSTEM? No
4. IS THERE A PUBLIC WELL THAT SERVES LESS THAN 25 PEOPLE OR LESS THAN 15 HOMES WITHIN 100 FEET OF THE PROPOSED SEPTIC SYSTEM? No
5. IS THERE A PUBLIC WELL WHICH SERVES MORE THAN 25 PEOPLE OR MORE THAN 15 HOMES WITHIN 200 FEET OF THE PROPOSED SEPTIC SYSTEM? No
6. IS THERE A GRAVITY SEWER LINE OR LIFT STATION WITHIN 100 FEET OF THE PROPOSED LOT? No
7. IS THERE A LAKE, STREAM, WETLAND, OR SURFACE WATER WITHIN 75 FEET OF THE PROPOSED AVAILABLE AREA FOR THE PROPOSED SEPTIC SYSTEM? No
8. IS THERE A PROPOSED OR EXISTING PUBLIC DRINKING WATER LINE WITHIN 10 FEET OF THE PROPOSED SEPTIC SYSTEM? No
9. IS THERE A STORM WATER RETENTION AREA OR DRAINAGE EASEMENT WITHIN 15 FEET OF THE PROPOSED SEPTIC SYSTEM? No
10. IS THE SEPTIC SYSTEM IN AN AREA PROPOSED FOR PAVING OR VEHICULAR TRAFFIC? No
11. ARE ALL PRIVATE WELLS, SEPTIC SYSTEMS AND SURFACE WATER ON ADJACENT OR CONTIGUOUS LAND WITHIN 75 FEET OF THE APPLICANT'S LOT, IF PRESENT, SHOWN ON PLOT PLAN? Yes
12. ARE ALL PUBLIC WELLS WITHIN 200 FEET OF THE APPLICANT'S LOT, IF PRESENT, SHOWN ON PLOT PLAN? Yes
13. DOES THE PLOT PLAN INCLUDE A PLAT OF THE LOT OR TOTAL SITE OWNERSHIP DRAWN TO SCALE, BOUNDARIES WITH DIMENSIONS, LOCATIONS OF BUILDING OR RESIDENCES, SWIMMING POOLS, RECORDED EASEMENTS, THE PROPOSED SEPTIC SYSTEM, ANY PROPOSED OR EXISTING WELLS, PUBLIC WATER LINES, PAVED AREAS OR DRIVEWAYS, AND SURFACE WATERS SUCH AS LAKES, PONDS, STREAMS, CANALS, OR WETLANDS? Yes
14. THERE IS 1200 + SQUARE FEET OF AVAILABLE LAND TO INSTALL THE SEPTIC SYSTEM. THIS AREA EXCLUDES INTERFERENCES. SHADE THIS AVAILABLE AREA ON PLOT PLAN.

-----ELEVATIONS-----

1. CROWN OF ROAD ELEVATION 19.76 NGVD SHOW LOCATION ON PLOT PLAN. IF ROAD IS NOT PAVED, BENCHMARK ELEVATION 19.76 NGVD SHOW LOCATION ON PLOT PLAN.
2. NATURAL GRADE ELEVATION IN AREA OF PROPOSED SEPTIC SYSTEM 16.8 NGVD SHOW LOCATION ON PLOT PLAN.
2. IS BUILDING LOCATED IN FLOOD HAZARD AREA "A" OR "V" AS IDENTIFIED ON FEMA MAPS? No IF YES, WHAT IS THE MINIMUM REQUIRED FLOOD HAZARD FLOOR ELEVATION OF BUILDING? _____ NGVD.

NOTE: MUST BE CERTIFIED BY A FLORIDA REGISTERED SURVEYOR OF ENGINEER.

CERTIFIED BY: [Signature]
FL. PROFESSIONAL NO. 3954
DATE: 12/06/88 JOB NO. 88955

MARTIN COUNTY PUBLIC HEALTH UNIT
131 East 7th Street
Stuart, Florida, 34997
287-2277

STUBOUT ELEVATION AND EXCAVATION CERTIFICATION

APPLICANT: Seacoast Construction
LEGAL DESCRIPTION: Lot 21 Hillcrest
SEPTIC TANK PERMIT NUMBER: H088-715

The items noted below must be certified by a surveyor or engineer and returned to the Health Department prior to the first plumbing inspection by the Building Department.

1. Building Permit Number: _____
2. I certify that the elevation of the top of the lowest plumbing stubout is _____ inches above benchmark elevation as indicated on septic tank permit.
3. I certify that the top of the lowest building plumbing stubout is _____ inches above crown of road elevation shown on septic tank permit.
4. I certify that all severe limited soil has been removed from an area of _____ feet by _____ feet to a minimum depth of six (6) feet below top of required stubout elevation. Submit plot plan to scale of excavated area.

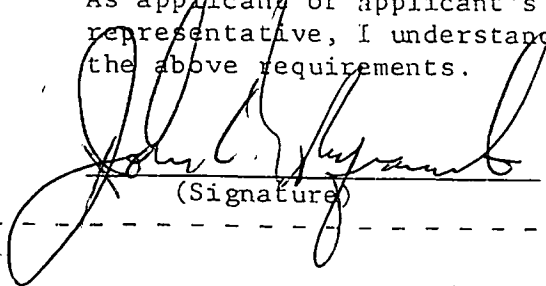
Date Observed: _____

- NOTE: a. Severe limited soil includes but is not limited to hardpan, clay, silt, marl or muck.
- b. Drainfield must be centered in the excavated area. Please set stakes to identify the excavated area boundaries. Drainfield will not be approved if severe limited soils are not removed.

CERTIFIED BY: _____

As applicant or applicant's representative, I understand the above requirements.

Date: _____ Job Number: _____


(Signature)

FOR MARTIN COUNTY PUBLIC HEALTH UNIT USE ONLY

(Signature of Environmental Health Specialist)

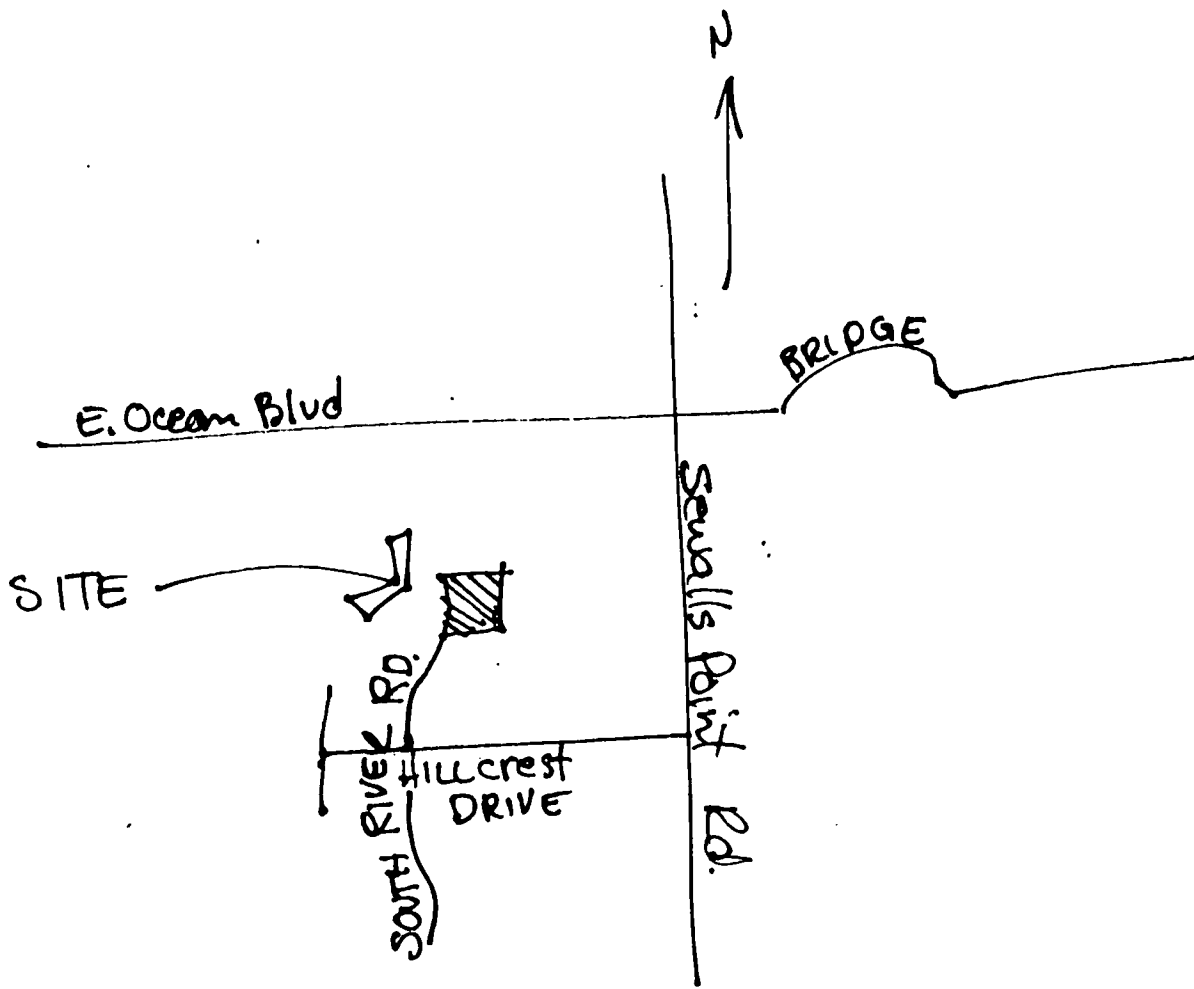
(Date)



APPLICANT SeaCoast Const.

LEGAL DESCRIPTION Lot 21 Hillcrest. Sewalls Pt.

SITE LOCATION MAP OR
DETAILED DIRECTIONS TO SITE

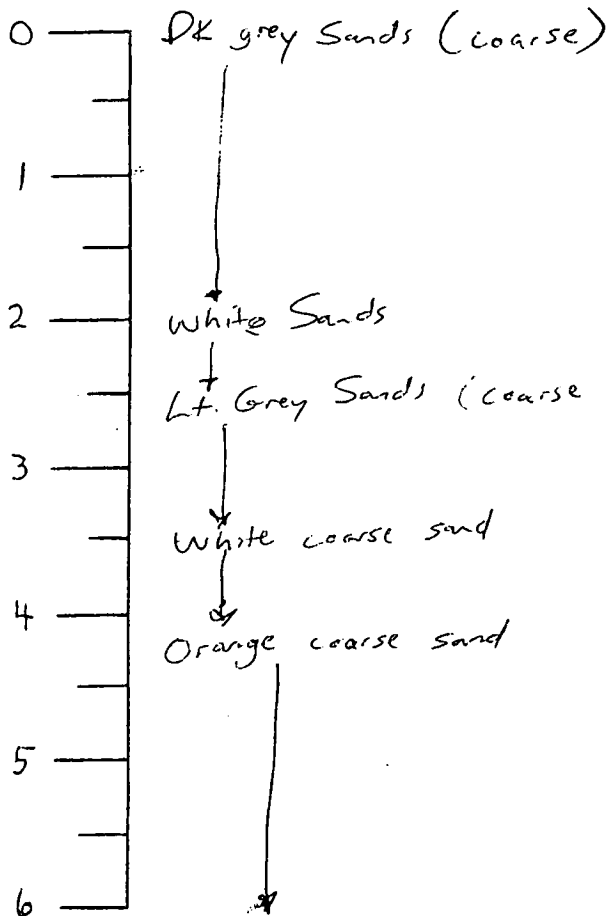


SITE EVALUATION

APPLICANT: Sea Coast Construction

LEGAL DESCRIPTION: LOT 21 Hillcrest

SOIL PROFILE



USDA SOIL TYPE Paola

USDA SOIL NUMBER #6

Impervious soils are present at >6' below natural grade.

Present Water Depth Below Natural Grade >6'

Wet Season Range Per Soil Survey >6'

Estimated Wet Season Water Depth Below Natural Grade 6'

Indicator Vegetation Present Bayon, Poinciana, Sabal Palm.

Is Benchmark Located on Plot Plan and Present on Site? yes

Approximate Amount of Fill on Neighboring Lots 5'-1'

Other Findings: Neighboring septic wells not shown on plot plan. However, appear to meet setbacks.

EVALUATION BY: [Signature]

DATE: 12/08/88

TOWN OF SEWALL'S POINT, FLORIDA

CERTIFICATE OF APPROVAL FOR OCCUPANCY

RECORD OF INSPECTIONS

HOUSE

Date 8/7/89

This is to request a Certificate of Approval for Occupancy to be issued to Robert Paris Jr for a structure built under Permit # 2454
(Owner of Property)

Subdivision Hillcrest Lot 21 Street Address 36 SRR

when completed in conformance with the approved plans.

Signed (Owner)

- 1. Lot Stakes/Set Backs _____
- 2. Termite Protection 1/27/89
- 3. Footing - Slab 1/31/89
- 4. Rough Plumbing 1/10/89
- 5. Rough Electric 4/26/89
- 6. Lintel 3/17/89
- 7. Roof 4/26/89
- 8. Framing 4/26/88
- 9. Insulation 5/1/89
- 10. A/C Ducts 4/26/89
- 11. Final Electric 8/7/89
- 12. Final Plumbing 8/7/89
- 13. Final Construction 8/7/89

Final Inspection for Issuance of Certificate of Occupancy.

Approved by Building Inspector Paul Brown 8/7/89 date

Approved by Building Commissioner _____ date

Utilities notified F P L 8/7/89 date

Distribution:

original - owner

copies - Town Building Inspector, Deputy Clerk

2551

POOL

Permit No. _____

Date _____

APPLICATION FOR A PERMIT TO BUILD A DOCK, FENCE, POOL, SOLAR HEATING DEVICE, SCREENED ENCLOSURE, GARAGE OR ANY OTHER STRUCTURE NOT A HOUSE OR A COMMERCIAL BUILDING

2551

This application must be accompanied by three (3) sets of complete plans, to scale, including a plot plan showing set-backs; plumbing and electrical layouts, if applicable, and at least two (2) elevations, as applicable.

Owner DR. & MRS. R. PARE Present Address 2230 PINECREST LAKES BLD

Phone 334-6724 JENSEN BAY, FL. 34957

Contractor MARTIN POOLS, INC. Address 1501 DECKER AVE. # 304

Phone 287-6121 692-2450 STUART, FL. 34994

Where licensed MARTIN COUNTY License number SP 00930

Electrical contractor _____ License number _____

Plumbing contractor _____ License number _____

Describe the structure, or addition or alteration to an existing structure, for which this permit is sought: CONSTRUCT. EQUITE SWIMMING POOL & DECK
36 S. RIVER RD. SEWALL'S POINT

State the street address at which the proposed structure will be built: _____

Subdivision HILLCREST Lot number 21 Block number _____

Contract price \$ 11,741.00 Cost of permit \$ _____

Plans approved as submitted _____ Plans approved as marked _____

I understand that this permit is good for 12 months from the date of its issue and that the structure must be completed in accordance with the approved plan. I further understand that approval of these plans in no way relieves me of complying with the Town of Sewall's Point Ordinances and the South Florida Building Code. Moreover, I understand that I am responsible for maintaining the construction site in a neat and orderly fashion, policing the area for trash, scrap building materials and other debris, such debris being gathered in one area and at least once a week, or oftener when necessary, removing same from the area and from the Town of Sewall's Point. Failure to comply may result in a Building Inspector or Town Commissioner "red-tagging" the construction project.

Contractor [Signature]

I understand that this structure must be in accordance with the approved plans and that it must comply with all code requirements of the Town of Sewall's Point before final approval by a Building Inspector will be given.

Owner [Signature]

TOWN RECORD

Date submitted _____ Approved: Dale Brown 5/16/89
Building Inspector Date

Approved: _____ Commissioner Date Final Approval given: _____ Date

Certificate of Occupancy issued (if applicable) _____ Date

SP1282

Permit No. _____

Approval of these plans in no way relieves the contractor or builder of complying with the Town of Sewall's Point Ordinances, the South Florida Building Code and the State of Florida Model Energy Efficiency Building Code.

4544

ALTERATION

MASTER PERMIT NO. _____

TOWN OF SEWALL'S POINT

Date 2-11-99 BUILDING PERMIT NO. 4544

Building to be erected for Bob Dodson + Marjorie in Vauhall Type of Permit Alteration

Applied for by Florida's Finest Const. Inc (Contractor) Building Fee 73.60

Subdivision Hillcrest Lot 21 Block _____ Radon Fee _____

Address 36 S. River Rd. Impact Fee _____

Type of structure SFR A/C Fee _____

Parcel Control Number: _____ Plumbing Fee _____

1 38-41-014-000-00210

Amount Paid _____ Check # 5145 Cash _____ Other Fees (_____) _____

Total Construction Cost \$ 48,000.00 TOTAL Fees 193.60

Signed [Signature]
Applicant

Signed Robert A. B. II
Town Building Inspector

BUILDING PERMIT

FORM BOARD SURVEY	DATE _____	SHEATHING	DATE _____
COMPACTION TESTS	DATE _____	FRAMING	DATE _____
GROUND ROUGH	DATE _____	INSULATION	DATE _____
SOIL POISONING	DATE _____	ROOF DRY-IN	DATE _____
FOOTINGS / PIERS	DATE _____	ROOF FINAL	DATE _____
SLAB ON GRADE	DATE _____	METER FINAL	DATE _____
TIE-BEAMS & COLUMNS	DATE _____	AS BUILT SURVEY	DATE _____
STRAPS AND ANCHORS	DATE _____	STORM PANELS	DATE _____
DRIVEWAY	DATE _____	LANDCAPE & GRADE	DATE _____
AS-BUILT SURVEY	DATE _____	FINAL INSPECTION	DATE _____

FLOOD ZONE _____ LOWEST HABITABLE FLOOR ELEV. _____

24 HOURS NOTICE REQUIRED FOR INSPECTIONS. CALL 287-2455

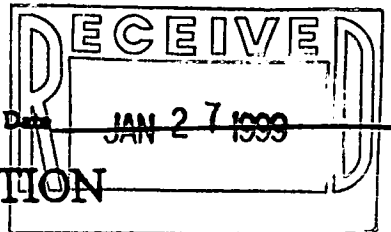
WORK HOURS - 8:00 AM UNTIL 5:00 PM

MONDAY THROUGH SATURDAY

New Construction Remodel Addition Demolition

**This permit must be visible from the street, accessible to the inspector.
FURTHER CONDITIONS ARE SET FORTH IN THE APPLICATION FOR PERMIT,
NOTATIONS ON THE APPROVED SUBMITTALS, AND ATTACHMENTS IN THE PERMIT FILE.
DO NOT FASTEN THIS OR ANY OTHER SIGN TO A TREE!**

Town of Sewall's Point



PLN _____

BUILDING PERMIT APPLICATION

to construct

NEW CONSTRUCTION ADDITION ALTERATION DEMOLITION

RESIDENTIAL COMMERCIAL _____ SF _____ CF

OTHER: _____ CONTRACT PRICE 8,000

Owner's Name BART DOEDEN & MARJOLEIN VANTBOSCH

Owner's Address 36 South River Road

Fee Simple Titleholder's Name (If other than owner) N/A

Fee Simple Titleholder's Address (If other than owner) _____

City STUART State FL Zip 34997

Contractor's Name FLORIDA'S FINEST CONSTRUCTION INC.

Contractor's Address P.O BOX 555

City FORT SALERNO State FL Zip 34992

Job Name BART DOEDEN & MARJOLEIN VANTBOSCH

Job Address 36 SOUTH RIVER ROAD

City STUART State FL Zip 34997

Legal Description LOT #21 HILLCREST ID# 1-38-41-014-000-00210

Bonding Company N/A

Bonding Company Address N/A

City _____ State _____ Zip _____

Architect/Engineer's Name BRADEN & BRADEN ARCHITECTS

Architect/Engineer's Address 417 COCONUT AVENUE, STUART FLORIDA

Mortgage Lender's Name N/A

Mortgage Lender's Address N/A

Application is hereby made to obtain a permit to do the 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 will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for ELECTRICAL WORK, PLUMBING, SIGNS, WELLS, POOLS, FURNACES, BOILERS, HEATERS, TANKS, and AIR CONDITIONERS, etc.

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

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.

Owner or Agent [Signature] Date 1-27-99
Contractor [Signature] Date 1-27-99

COUNTY OF MARTIN
STATE OF FLORIDA

Sworn to and subscribed before me this 27th day of Jan, 1999 by R. Kraemer
who: [] is/are personally known to me, or [X] has/have produced F.I.d.I. as identification, and who did not take an oath.



Joan H. Barrow
MY COMMISSION # CC763645 EXPIRES
November 30, 2002
BONDED THRU TROY FAIN INSURANCE, INC.

Name: [Signature]

I am a Notary Public of the State of Florida having a
commission number of _____ and my
commission expires: _____

STATE OF FLORIDA
COUNTY OF MARTIN

Sworn to and subscribed before me this 27th day of Jan, 1999 by M. Vanbosch
who: [] is/are personally known to me, or [X] has/have produced F.I.d.I. as identification, and who did not take an oath.



Joan H. Barrow
MY COMMISSION # CC763645 EXPIRES
November 30, 2002
BONDED THRU TROY FAIN INSURANCE, INC.

Name: [Signature]

I am a Notary Public of the State of Florida having a
commission number of _____ and my
commission expires: _____

Certificate of Competency Holder

Contractor's State Certification or Registration No. _____

Contractor's Certificate of Competency No. _____

APPLICATION APPROVED BY [Signature] Permit Officer

Building Commissioner

5766

PAVER DECK

TOWN OF SEWALL'S POINT

Date 4/10/24.

BUILDING PERMIT NO. 5766

Building to be erected for MR & MRS VAN T-BOSCH Type of Permit PAVER DECK

Applied for by CHITWOOD + CO, (Contractor) Building Fee 76.80

Subdivision HILLCREST Lot 21 Block _____ Radon Fee _____

Address 36 S. RIVER RD Impact Fee _____

Type of structure SFR A/C Fee _____

Parcel Control Number: _____ Electrical Fee _____

0138410140000021020000 Plumbing Fee _____

Amount Paid 76.80 Check # 2829. Cash _____ Other Fees (_____) _____

Total Construction Cost \$ 8,000.00 TOTAL Fees 76.80

Signed D. Chitwood
Applicant

Signed Mene Simmons Inc
Town Building Official

PERMIT

- | | | |
|---|--|--|
| <input type="checkbox"/> BUILDING | <input type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input checked="" type="checkbox"/> ADDITION |

DECKING

INSPECTIONS

- | | |
|-----------------------------------|------------------------------|
| UNDERGROUND PLUMBING _____ | UNDERGROUND GAS _____ |
| UNDERGROUND MECHANICAL _____ | UNDERGROUND ELECTRICAL _____ |
| STEMWALL FOOTING _____ | FOOTING _____ |
| SLAB _____ | TIE BEAM/COLUMNS _____ |
| ROOF SHEATHING _____ | WALL SHEATHING _____ |
| TRUSS ENG/WINDOW/DOOR BUCKS _____ | LATH _____ |
| ROOF TIN TAG/METAL _____ | ROOF-IN-PROGRESS _____ |
| PLUMBING ROUGH-IN _____ | ELECTRICAL ROUGH-IN _____ |
| MECHANICAL ROUGH-IN _____ | GAS ROUGH-IN _____ |
| FRAMING _____ | EARLY POWER RELEASE _____ |
| FINAL PLUMBING _____ | FINAL ELECTRICAL _____ |
| FINAL MECHANICAL _____ | FINAL GAS _____ |
| FINAL ROOF _____ | BUILDING FINAL _____ |

Town of Sewall's Point

BUILDING PERMIT APPLICATION Building Permit Number: _____

Owner or Titleholder Name: Mr & Mrs VAN T-BOSCH City: STUART State: FL Zip: 34996

Legal Description of Property: lot 21 Hillcrest Subdivision Parcel Number: 01384101400002102000

Location of Job Site: 36 SOUTH RIVER ROAD Type of Work To Be Done: POOL DECK OVER EXISTING
SEWALL'S POINT, STUART, FL 34996

CONTRACTOR/Company Name: CHITWOOD & COMPANY Phone Number: (561) 220 1767

Street: 3653 S.E. LAMAY DRIVE City: STUART State: FL Zip: 34997

State Registration Number: _____ State Certification Number: _____ Martin County License Number: SPO 1859

ARCHITECT Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE - SEWER - ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ Screened Porch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

Type Sewage: _____ Septic Tank Permit Number From Health Dept. _____ Well Permit Number: _____

FLOOD HAZARD INFORMATION Flood Zone: _____ Minimum Base Flood Elevation (BFE): _____ NGVD

Proposed First Floor Habitable Floor Finished Elevation: _____ NGVD (Minimum 1 Foot Above BFE)

COST AND VALUES Estimated Cost of Construction or Improvements: ~~5,100,000~~ Estimated Fair Market Value (FMV) Prior

To Improvements: _____ If Improvement, Is Cost Greater Than 50% Of Fair Market Value YES _____ NO _____

SUBCONTRACTOR INFORMATION

Electrical: _____ State: _____ License Number: _____

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, MECHANICAL, SIGNS, POOLS, WELLS, FURNANCE, BOILERS, HEATERS, TANKS DOCKS, SEA WALLS, ACCESSORY BUILDING, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION

Florida Building Code (Structural, Mechanical, Plumbing, Gas) _____ South Florida Building Code (Structural, Mechanical, Plumbing, Gas) _____

National Electrical Code _____ Florida Energy Code _____ Florida Accessibility Code _____

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required)

[Signature]

State of Florida, County of MARTIN

This the 3RD day of APRIL, 2002

by _____ who is personally

known to me or produced

as identification. [Signature]

Notary Public

My Commission Expires: APRIL 5, 2004

CONTRACTOR SIGNATURE (required)

[Signature]

On State of Florida, County of: Martin

This the 15th day of March, 2002

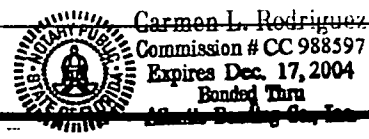
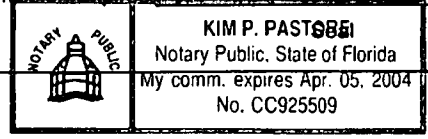
by Deirdre L. Chitwood who is personally

known to me or produced F.D.

As identification. C330-172-50-525-0

Notary Public

My Commission Expires: Dec 17, 2004



PRODUCER
 Stuart Insurance, Inc.
 3070 S W Mapp
 Palm City FL 34990
 Phone: 561-286-4334 Fax: 561-286-9389

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
 Marvin Chitwood dba Chitwood & Company
 5653 SE Lamay Drive
 Stuart FL 34997

INSURER A: Owners Insurance Company
 INSURER B:
 INSURER C:
 INSURER D:
 INSURER E:

RECEIVED

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	2055657502	01/14/02	01/14/03	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire) \$ 100,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 10,000
	Contractual Liability				PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE \$ 1,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC				PRODUCTS - COMP/OP AGG \$ 1,000,000
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS				
	<input type="checkbox"/> NON-OWNED AUTOS				
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
					AUTO ONLY: AGG \$
	EXCESS LIABILITY				EACH OCCURRENCE \$
	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$
	<input type="checkbox"/> DEDUCTIBLE				\$
	RETENTION \$				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS OTH-ER
					E.L. EACH ACCIDENT \$
					E.L. DISEASE - EA EMPLOYEE \$
					E.L. DISEASE - POLICY LIMIT \$
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 Driveways Installation / State of Florida

CERTIFICATE HOLDER | N | ADDITIONAL INSURED; INSURER LETTER: TOWSP-1
 Town of Sewalls Point
 1 South Sewalls Point Road
 Sewalls Point FL 34996

CANCELLATION
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITE NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
 AUTHORIZED REPRESENTATIVE
Owens L. Hill

Certificate of Insurance

This certificate is issued as a matter of information only and confers no rights upon you the certificate holder. This certificate is not an insurance policy and does not amend, extend, or alter the coverage afforded by the policies listed below.

Named Insured(s):

Staff Leasing Inc. d/b/a Gevity HR and its wholly owned subsidiaries including Gevity HR, LP; Gevity HR IV, LP; Gevity HR IX, LP; and Gevity HR X, LP

600 301 Boulevard West, Suite 202
Bradenton, Florida 34205



INSURANCE IN TOUCH WITH BUSINESS

Insurer Affording Coverage

Continental Casualty Company

Coverages:

The policy(ies) of insurance listed below have been issued to the insured named above for the policy period indicated. The insurance afforded by the policy(ies) described herein is subject to all the terms, exclusions and conditions of such policy(ies).

Type of Insurance	Certificate Exp. Date <input type="checkbox"/> Continuous <input type="checkbox"/> Extended <input checked="" type="checkbox"/> Policy Term	Policy Number	Limits	
Workers Compensation	1-1-2003	WC 189165165 WC 189165182 WC 247848874 WC 247848888	Employers Liability	
			Bodily Injury by Accident \$1,000,000	Each Accident
			Bodily Injury by Disease \$1,000,000	Policy Limit
			Bodily Injury by Disease \$1,000,000	Each Person

Other:

Employees Leased to: 9322 Chitwood & Company
Marvin Chitwood DBA

Effective Date: 1/1/02 FL 0 H 016844

The above referenced workers compensation policy(ies) provide(s) statutory benefits only to the employees of the Named Insured(s) on such policy(ies), not to the employees of any other employer.

*If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date. However, you will not be notified annually of the continuation of coverage.

Notice of Cancellation: (Not applicable unless a number of days are entered below)
Before the stated expiration date, the company will not cancel or reduce the insurance afforded under the above policy(ies) until at least 30 days notice of such cancellation has been mailed to:

Certificate Holder:

Town of Sewall Point
1 S Sewalls Point Rd
Stuart, FL 34996-6736



Trudy Williams
Authorized Representative

St. Louis, MO
Office

(877) 427-5567
Phone

12/15/01
Date Issued

ARBELA
 PLAT BOOK 3, PAGE 29
 PALM BEACH (NOW MARTIN) COUNTY
 FLORIDA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEAR
C1	479.74'	147.06'	74.11'	146.49'	N 18°37'

LEGAL DESCRIPTION:

LOT 21, HILLCREST SUBDIVISION, ACCORDING TO THE PLAT THEREIN
 PLAT BOOK 10 PAGE 39 OF THE PUBLIC RECORDS OF MARTIN

SURVEYOR'S NOTES:

1. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENT OF WAYS OF RECORD EXCEPT AS SHOWN ON RECORD PLAT, IF
2. NO ATTEMPT WAS MADE BY THIS FIRM TO LOCATE UNDERGROUND BUILDINGS OR FENCES ON/OR ADJACENT TO THIS SITE.
3. BEARINGS SHOWN HEREON REFER TO AN ASSUMED MERIDIAN ALONG THE NORTH LINE OF LOT 21.
4. AREA OF SITE: 20,677.57 SQUARE FEET OR 0.47 ACRES
5. ELEVATIONS SHOWN HEREON REFER TO NATIONAL GEODETIC
6. LEGAL DESCRIPTION FURNISHED BY CLIENT.

THIS SURVEY CERTIFIED TO:

1. BARELD DOEDENS AND MARJOLEIN VAN'T BOSCH
2. COMMUNITY SAVINGS, F.A.
3. STEWART TITLE OF MARTIN COUNTY
4. ROBERT A. BURSON, P.A.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY WAS PREPARED IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE BOARD OF PROFESSIONAL LAND SURVEYORS AND MAPPERS IN FLORIDA, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. COPIES OF THIS SURVEY ARE INVALID WITHOUT THE EMBOSSED SIGNATURE OF THE SURVEYOR.

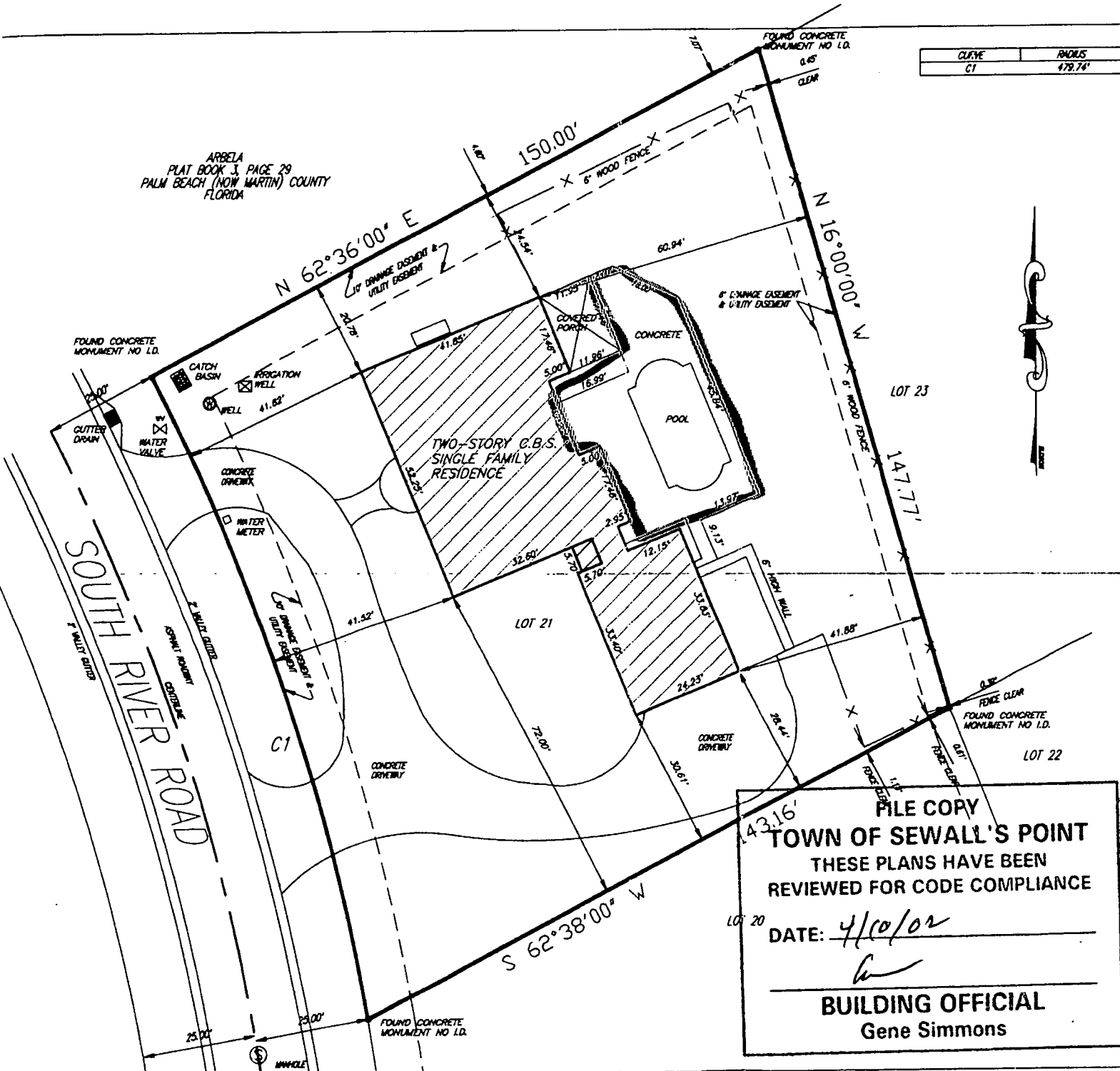
Robert Bloomster Jr.

ROBERT BLOOMSTER JR.
 PROFESSIONAL LAND SURVEYOR
 NO. 4134 STATE OF FLORIDA

FILE COPY
TOWN OF SEWALL'S POINT
 THESE PLANS HAVE BEEN
 REVIEWED FOR CODE COMPLIANCE
 DATE: 4/10/02
 BUILDING OFFICIAL
 Gene Simmons

BLOOMSTER
 PROFESSIONAL LAND
 SURVEYORS, INC.
 FLORIDA LB# 6018
 641 N.E. SPENCER STREET
 JENSEN BEACH, FLORIDA 34957
 PHONE 561-334-0868

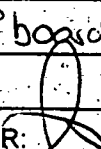
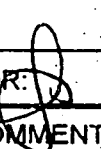

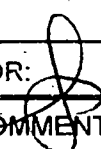
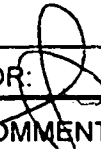

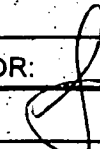
BARELD DOEDENS & MARJOLEIN VAN'T BOSCH
 36 RIVER ROAD
 STUART, MARTIN COUNTY, FLORIDA



TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 10-4-02, 2001; Page 1 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5987	RAOS	SLAB	Failed	wood F board sun.
(10)	16 Castle Hill Way MACY 461 6167	Pool deck extant.		INSPECTOR: 
5976	HANT-Bosch	Final	Pass	
(2)	36 S. RIVER Rd Chitwood	Power DECK		INSPECTOR: 
5985	Lowell	Footing	Pass	
(4)	7 W. H PT Rd Ianiero	Fin. wall		INSPECTOR: 
5847	Bauer	Roof Sheeting	Pass	
(13)	10 Co Paire Rd SEAGATE			INSPECTOR: 
5967	Fowler	Form & Steel	Pass	
(11)	18 Fieldway Dr. National			INSPECTOR: 
4972	MERKIN	Final on Deck	Pass	
(9)	93 1/2 N. Sewell's Pt Rd Robert Sandy			INSPECTOR: 
5880	HARTZ	Electrical Rough	Pass	
(3)	3 E. H PT Rd NAVARRO	MC ROUGH FRANG	Pass Pass	INSPECTOR: 

OTHER: _____

6160

FENCE

TOWN OF SEWALL'S POINT

Date 2/25/03

BUILDING PERMIT NO. 6160

Building to be erected for DOEDENS Type of Permit FENCE

Applied for by OB (Contractor) Building Fee 30.00

Subdivision HILLCREST Lot 21 Block _____ Radon Fee _____

Address 36 S. RIVER ROAD Impact Fee _____

Type of structure SFR A/C Fee _____

Electrical Fee _____

Plumbing Fee _____

Roofing Fee _____

Parcel Control Number:

13841014000021020000

Amount Paid 30.00 Check # _____ Cash Other Fees (_____)

Total Construction Cost \$ 1000.00 TOTAL Fees 30.00

Signed [Signature]
Applicant

Signed Gene Simmons (OB)
Town Building Official

PERMIT

- | | | |
|---|--|---|
| <input type="checkbox"/> BUILDING | <input type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input checked="" type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input type="checkbox"/> ADDITION |

INSPECTIONS

- | | |
|-----------------------------------|------------------------------|
| UNDERGROUND PLUMBING _____ | UNDERGROUND GAS _____ |
| UNDERGROUND MECHANICAL _____ | UNDERGROUND ELECTRICAL _____ |
| STEMWALL FOOTING _____ | FOOTING _____ |
| SLAB _____ | TIE BEAM/COLUMNS _____ |
| ROOF SHEATHING _____ | WALL SHEATHING _____ |
| TRUSS ENG/WINDOW/DOOR BUCKS _____ | LATH _____ |
| ROOF TIN TAG/METAL _____ | ROOF-IN-PROGRESS _____ |
| PLUMBING ROUGH-IN _____ | ELECTRICAL ROUGH-IN _____ |
| MECHANICAL ROUGH-IN _____ | GAS ROUGH-IN _____ |
| FRAMING _____ | EARLY POWER RELEASE _____ |
| FINAL PLUMBING _____ | FINAL ELECTRICAL _____ |
| FINAL MECHANICAL _____ | FINAL GAS _____ |
| FINAL ROOF _____ | BUILDING FINAL _____ |

Town of Sewall's Point

BUILDING PERMIT APPLICATION

Building Permit Number: _____

Owner or Titleholder Name: BARELD DOEDEMS City: STUART State: FL Zip: 34996
Legal Description of Property: HILLCREST LOT #21 Parcel Number: #21
Location of Job Site: SAME Type of Work To Be Done: MOVE FENCE
36 S. RIVER ROAD 781-4131

CONTRACTOR/Company Name: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

State Registration Number: _____ State Certification Number: _____ Martin County License Number: _____

ARCHITECT: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE - SEWER - ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ ScreenedPorch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

Type Sewage: _____ Septic Tank Permit Number From Health Depart. _____ Well Permit Number: _____

FLOOD HAZARD INFORMATION Flood Zone: _____ Minimum Base Flood Elevation (BFE): _____ NGVD

Proposed First Floor Habitable Floor Finished Elevation: _____ NGVD (Minimum 1 Foot Above BFE)

COST AND VALUES Estimated Cost of Construction or Improvements: 2,100 Estimated Fair Market Value (FMV) Prior

To Improvements: _____ If Improvement, Is Cost Greater Than 50% Of Fair Market Value YES _____ NO _____

SUBCONTRACTOR INFORMATION

Electrical: _____ State: _____ License Number: _____

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, SIGNS, WELLS, POOLS, FURNANCE, BOILERS, HEATERS, TANKS, AIR CONDITIONERS, DOCKS, SEA WALLS, ACCESSORY BUILDINGS, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION

Florida Building Code (Structural, Mechanical, Plumbing, Gas) _____ South Florida Building Code (Structural, Mechanical, Plumbing, Gas) _____

National Electrical Code _____ Florida Energy Code _____

Florida Accessibility Code _____

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (Required) [Signature]
State of Florida, County of: Martin
This the 25th day of FEBRUARY, 2003
by B Doedens who is personally
known to me or produced F.I.D.I.
as identification. [Signature]

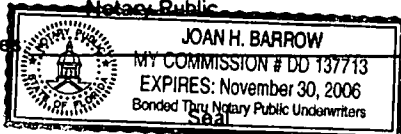
CONTRACTOR SIGNATURE (Required) _____
On State of Florida, County of: _____
This the _____ day of _____, 200____
by _____ who is personally
known to me or produced _____
As identification. _____

Notary Public

Notary Public

My Commission Expires: _____

My Commission Expires: _____



Seal

TOWN OF SEWALL'S POINT
ONE SOUTH SEWALL'S POINT ROAD
SEWALL'S POINT, FLORIDA 34996

TOWN OF SEWALL'S POINT OWNER/BUILDER AFFIDAVIT
(To be submitted if permit is to be pulled by Owner/Builder)

DISCLOSURE STATEMENT

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor even though you do not have a license. You must supervise the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building at a cost of \$25,000 or less. The building must be for your own use and occupancy. It may not be built for sale or lease. If you sell or lease a building you have built yourself within 1 year after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. It is your responsibility to make sure that people employed by you have licenses required by State law and by County or Municipal licensing ordinances. Any person working on your building who is not licensed must work under your supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes and zoning regulations. Florida Statutes 489.103(7).

I have read the above and agree to comply with the provisions as stated.

Name: Bart DOEDENS Date: 2/25/03

Signature: 

Address: 36 S. River Rd

City & State: Stuart FL 34996

Permit No. _____

This form is for all permits except electrical.

PERMIT APPLICATION REQUIRED INFORMATION AND SUBMITTALS FOR A FENCE

IMPORTANT NOTICE: All items listed below must accompany your permit application. No application will be accepted unless all items that are applicable are submitted.

Application form must contain the following information:

1. Property Appraisers Parcel Number or Property Control Number
2. Legal Description of property (Can be found on your deed survey or Tax Bill)
3. Contractors name, address, phone number and license numbers.
4. Name all sub-contractors (properly licensed)
5. Architects or Engineers name, address, & phone number.
6. Estimated cost of construction.
7. Original signature of owner and notarized
8. Original signature of Contractor and notarized.

Submittals (2 copies)

1. Current survey (boundary & topographic) containing the following information:
 - a. Legal Description of Lot
 - b. Lot dimensions and bearings
 - c. Street and Waterway names
 - d. Easements
 - e. ROW's
 - f. Canals, Ponds, or Riverfront locations
 - g. Location of existing and proposed fences
 - h. Description of type and height of fence at all locations
2. Statement of Fact (owner/builder affidavit)
3. Proof of ownership (deed or tax recpt.)
4. Letter from Home Owners or Subdivision Associations stating design is per their deed restriction or covenants
5. Application for tree removal or relocation (attach tree survey and removal or relocation plan)
6. A certified copy of the Notice of Commencement for any work over \$2500.00
7. Copy of License (either Martin County Certificate of Competency or State Certified or Registered Contractor License)
8. Copy of Workmen's Compensation
9. Copy of Liability Insurance

**ALL INFORMATION AND DOCUMENTS MENTIONED ABOVE
ARE INCLUDED IN THE MY PERMIT APPLICATION PACKAGE**



(SIGNATURE OF APPLICANT)

DATE SUBMITTED: _____

MOVE CURRENT FENCE APPROX. 6 INCHES INSIDE PROPERTY LINE, INCREASE FENCE HEIGHT TO 7'

CLARK	ANGLS	DIVERT	CHORD	BEARINGS	DETA
C1	678.74'	24.11'	147.08'	N 16°27'00" W	17.0750'

LEGAL DESCRIPTION

LOT 21, HILLCREST SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 10 PAGE 39 OF THE PUBLIC RECORDS OF MARTIN COUNTY, FLORIDA.

SURVEYOR'S NOTES

1. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS AND/OR RIGHTS OF WAYS OF RECORD EXCEPT AS SHOWN ON RECORD PLAT, IF ANY.
2. NO ATTEMPT WAS MADE BY THIS FIRM TO LOCATE UNDERGROUND FOOTINGS OF BUILDINGS OR FENCES OR/OR ADJACENT TO THIS SITE.
3. BEARINGS SHOWN HEREON REFER TO AN ASSUMED MERIDIAN OF N. 62°36'00"E. ALONG THE NORTH LINE OF LOT 21.
4. AREA OF SITE: 20,677.57 SQUARE FEET OR 0.47 ACRES MORE OR LESS.
5. ELEVATIONS SHOWN HEREON REFER TO NATIONAL GEODETIC VERTICAL DATUM 1929.
6. LEGAL DESCRIPTION FURNISHED BY CLIENT.

THIS SURVEY CENTERED TO:

1. BARELD DOEDENS AND MARJOLEIN VAN'T BOSCH
2. COMMUNITY SAVINGS, F.A.
3. STEWART TITLE OF MARTIN COUNTY
4. ROBERT A. BURSON, P.A.

SURVEYOR'S CERTIFICATION

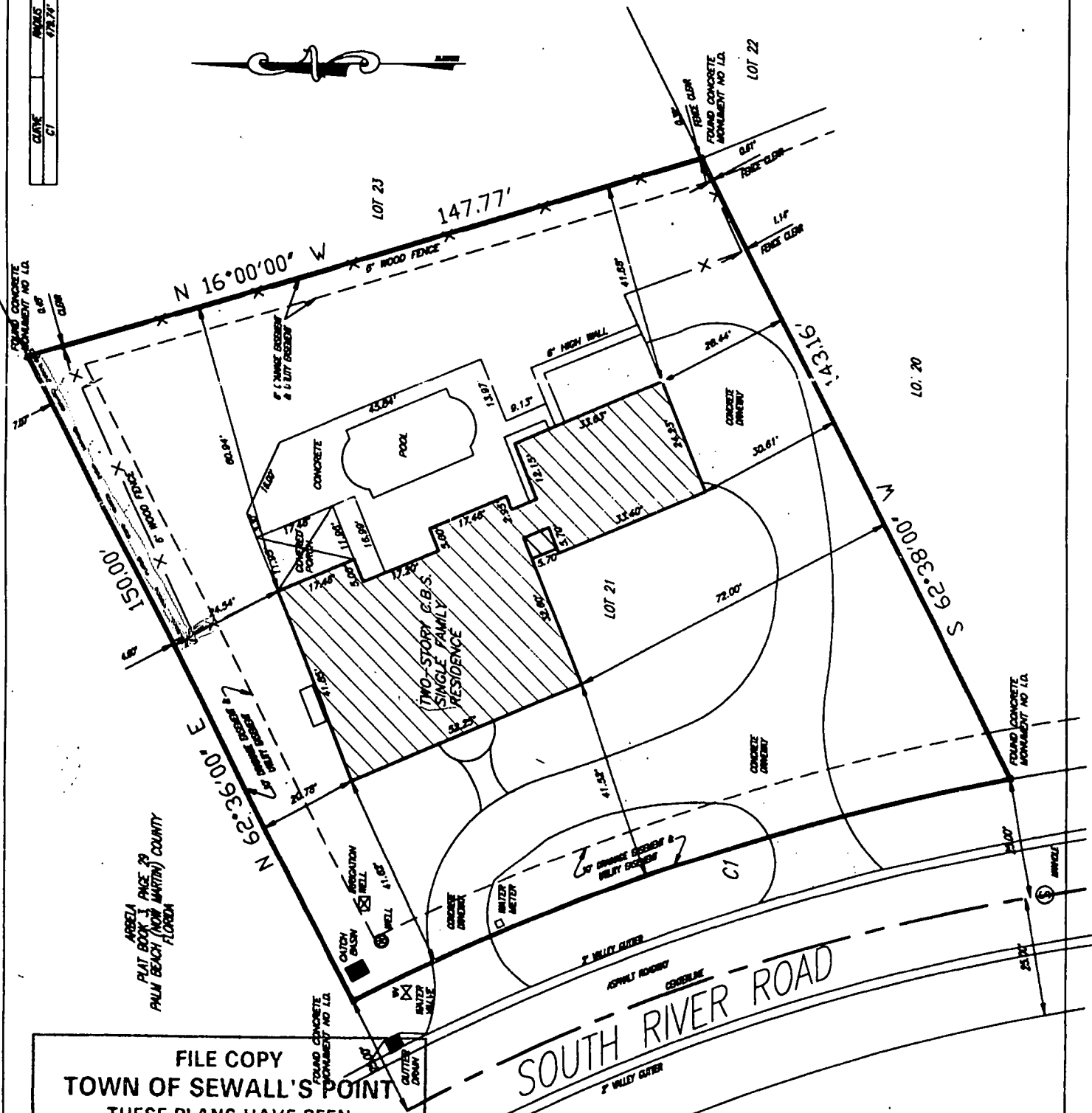
I HEREBY CERTIFY THAT THIS PLAT OF SURVEY WAS PREPARED UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FOR BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AND MAPPERS IN CHAPTER 61017-5, FLORIDA STATUTES, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. COPIES OF THIS SURVEY ARE INVALID WITHOUT THE EMBOSSED SEAL OF THE UNDERSIGNED.

Robert Bloomster, Jr.
 ROBERT BLOOMSTER, JR.
 PROFESSIONAL LAND SURVEYOR
 NO. 4134 STATE OF FLORIDA

BLOOMSTER
 PROFESSIONAL LAND SURVEYORS, INC.
 FLORIDA LSA# 6018
 641 N.E. SPENCER STREET
 JENSEN BEACH, FLORIDA 34957
 PHONE 561-334-0868

SHEET 1 OF 1
SCALE 1" = 30'
DATE 02-10-07
F.A. A18 - 08 & 80
LAB. NO. 1411
REVISIONS

BARELD DOEDENS & MARJOLEIN VAN'T BOSCH
 36 RIVER ROAD
 STUART, MARTIN COUNTY, FLORIDA



FILE COPY
 TOWN OF SEWALL'S POINT
 THESE PLANS HAVE BEEN
 REVIEWED FOR CODE COMPLIANCE
 DATE: 2/25/03

BUILDING OFFICIAL
 Gene Simmons

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri MARCH 26, 2003 Page 1 of 2

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS
6089	STANFORD	ROOF FINAL	Passed	
(7)	73 N RIVER RD			INSPECTOR: [Signature]
	STARR			
6038	HESS	DRYIN		
(6)	7 N. SEWALL'S PT RD			INSPECTOR: [Signature]
	TAYLOR ROOFING			
6127	CLARK	TIE BEAM	Failed	\$ 30.-
(5)	33 FIELDWAY DR			INSPECTOR: [Signature]
	PAR ONE			
6160	DOEDENS	FENCE	Passed	close
(3)	36 S. RIVER ROAD			INSPECTOR: [Signature]
	O/B			
TREE	HECKENBERG	TREE	Passed	
(8)	5 NE LAGOON/SLG			INSPECTOR: [Signature]
TREE	RIZZO	TREE	Passed	
(4)	15 RIO VISTA			INSPECTOR: [Signature]
5906	SMITH	Pool Permit	Failed	\$ 30.-
(1)	133 S. RIVER DR	+ PIPING →	Passed	
	JANERO CONS			INSPECTOR: [Signature]
OTHER:	FREUDENBERG	TIE BEAM	Passed	
10156	115 N. SEWALLS P. RD			
(9)	LANIERO			

6360

GARAGE DOOR

MASTER PERMIT NO. _____

TOWN OF SEWALL'S POINT

Date 8/4/03

BUILDING PERMIT NO. 6360

Building to be erected for BART DOEDENS

Type of Permit REPL GARAGE DOOR

Applied for by O/B

(Contractor) Building Fee 35.00

Subdivision HILLCREST Lot 21 Block _____

Radon Fee _____

Address 36 S. RIVER ROAD

Impact Fee _____

Type of structure SFR

A/C Fee _____

Parcel Control Number:

13841014000021020000

Electrical Fee _____

Plumbing Fee _____

Amount Paid 35.00 Check # 1954 Cash _____

Other Fees (_____) _____

Total Construction Cost \$ 1450.00

TOTAL Fees 35.00

Signed [Signature]
Applicant

Signed [Signature]
Town Building Official

PERMIT

- BUILDING
- PLUMBING
- DOCK/BOAT LIFT
- SCREEN ENCLOSURE
- FILL
- TREE REMOVAL

- ELECTRICAL
- ROOFING
- DEMOLITION
- TEMPORARY STRUCTURE
- HURRICANE SHUTTERS
- STEMWALL

- MECHANICAL
- POOL/SPA/DECK
- FENCE
- GAS
- RENOVATION
- ADDITION
- GARAGE DOOR

INSPECTIONS

- UNDERGROUND PLUMBING _____
- UNDERGROUND MECHANICAL _____
- STEMWALL FOOTING _____
- SLAB _____
- ROOF SHEATHING _____
- TRUSS ENG/WINDOW/DOOR BUCKS _____
- ROOF TIN TAG/METAL _____
- PLUMBING ROUGH-IN _____
- MECHANICAL ROUGH-IN _____
- FRAMING _____
- FINAL PLUMBING _____
- FINAL MECHANICAL _____
- FINAL ROOF _____

- UNDERGROUND GAS _____
- UNDERGROUND ELECTRICAL _____
- FOOTING _____
- TIE BEAM/COLUMNS _____
- WALL SHEATHING _____
- LATH _____
- ROOF-IN-PROGRESS _____
- ELECTRICAL ROUGH-IN _____
- GAS ROUGH-IN _____
- EARLY POWER RELEASE _____
- FINAL ELECTRICAL _____
- FINAL GAS _____
- BUILDING FINAL _____

Permit Number **6360**
RECEIVED
JUL 30 2003
BY: _____

**Town of Sewall's Point
BUILDING PERMIT APPLICATION**

OWNER/TITLEHOLDER NAME: Bart Doedens Phone (Home) 781-4131 (Work) 561-776-6705
Marjolien van't Bosch

Job Site Address: 36 S. River Road City: Stuart State: FL Zip: 34996

Legal Description of Property: _____ Parcel Number: _____

Owner Address (if different): S.A. City: _____ State: _____ Zip: _____

Description of Work To Be Done: replacement of existing garage door

WILL OWNER BE THE CONTRACTOR?: Yes No (If no, fill out the Contractor & Subcontractor sections below)

CONTRACTOR/Company Name: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

State Registration Number: _____ State Certification Number: _____ Martin County License Number: _____

COST AND VALUES: Estimated Cost of Construction or Improvements: \$ 1450.00 (Notice of Commencement needed over \$2500)

SUBCONTRACTOR INFORMATION:

Electrical: _____ State: _____ License Number: _____

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

ARCHITECT _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE - SEWER - ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ ScreenedPorch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, MECHANICAL, SIGNS, POOLS, WELLS, FURNACE, BOILERS, HEATERS, TANKS DOCKS, SEA WALLS, ACCESSORY BUILDING, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2001
National Electrical Code: 2002 Florida Energy Code: 2001 Florida Accessibility Code: 2001

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required) [Signature]

State of Florida, County of: Martin

This the 30th day of July, 2003

by M. van T. Bosch who is personally known to me or produced Fl. & I.

as identification [Signature]
Notary Public

My Commission Expires: _____
JOAN H. BARROW
MY COMMISSION # DD 137713
EXPIRES: November 30, 2006

CONTRACTOR SIGNATURE (required) _____

On State of Florida, County of: _____

This the _____ day of _____, 200 _____

by _____ who is personally known to me or produced _____

As identification. _____
Notary Public

My Commission Expires: _____
Seal

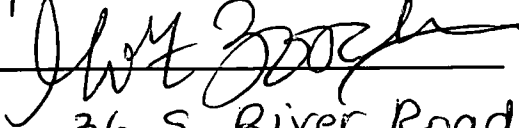
TOWN OF SEWALL'S POINT
ONE SOUTH SEWALL'S POINT ROAD
SEWALL'S POINT, FLORIDA 34996

TOWN OF SEWALL'S POINT OWNER/BUILDER AFFIDAVIT
(To be submitted if permit is to be pulled by Owner/Builder)

DISCLOSURE STATEMENT

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor even though you do not have a license. You must supervise the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building at a cost of \$25,000 or less. The building must be for your own use and occupancy. It may not be built for sale or lease. If you sell or lease a building you have built yourself within 1 year after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. It is your responsibility to make sure that people employed by you have licenses required by State law and by County or Municipal licensing ordinances. Any person working on your building who is not licensed must work under your supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes and zoning regulations. Florida Statutes 489.103(7).

I have read the above and agree to comply with the provisions as stated.

Name: Marjolain van't Bosch Date: July, 2003
Signature: 
Address: 36 S. River Road
City & State: Stuart FL 34996
Permit No. 6360



SBCCI PUBLIC SAFETY TESTING AND EVALUATION SERVICES INC.

900 Montclair Road, Suite A; Birmingham, Alabama 35213-1206

www.sbccies.org

Evaluation Reports are the opinion of the Committee on Evaluation, based on the findings, and do not constitute or imply an approval or acceptance by any local community. The Committee, in review of the data submitted, finds that in their opinion the product, material, system, or method of construction specifically identified in this report conforms with or is a suitable alternate to that specified in the Standard and International Codes, **SUBJECT TO THE LIMITATIONS IN THIS REPORT.**

The Committee on Evaluation has reviewed the data submitted for compliance with the *Standard Building Code*, the *SBCCI Standard for Hurricane Resistant Residential Construction* SSTD10-99, the Florida Building Code, and the International One and Two Family Dwelling Code and submits to the Building Official or other authority having jurisdiction the following report. The Committee on Evaluation, SBCCI PST & ESI and its staff are not responsible for any errors or omissions to any documents, calculations, drawings, specifications, tests or summaries prepared and submitted by the design professional or preparer of record that are listed in the Substantiating Data Section of this report. Portions of this report were previously included in SBCCI PST & ESI Evaluation Report #2210. Copyrighted © 2003 SBCCI PST & ESI

REPORT NO.: 2210A

EXPIRES: See current SBCCI PST & ESI EVALUATION REPORT LISTING

CATEGORY: DOORS AND WINDOWS

SUBMITTED BY:

WAYNE DALTON CORPORATION
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514

1. PRODUCT TRADE NAME

- 1.1 Wayne Mark 8000 Garage Door
- 1.2 Wayne Mark 8100 Garage Door
- 1.3 Wayne Mark 8300 Garage Door
- 1.4 Wayne Mark 8500 Garage Door
- 1.5 Wayne Mark 5150 Garage Door
- 1.6 Wayne Mark 5200 Garage Door

2. SCOPE OF EVALUATION

- 2.1 Structural - Transverse Wind Loads
- 2.2 Structural - Impact Resistance (Florida Building Code Only)
- 2.3 Surface Burning Characteristics

3. USES

Wayne Mark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Doors are used as residential and commercial garage doors with specified allowable wind pressures.

4. DESCRIPTION

4.1 General

The WayneMark Series doors are sectional overhead garage doors for both residential and commercial applications, constructed of galvanized steel sections with a two coat polyester finish. The doors are 1.5 inches and 2 inches thick, with boxshaped stiles and embossed with flush or raised panel wood grain texture, tongue and groove sections.

The WayneMark Series 8000 and 8100 are 2 inch thick raised panel and are the same door with one exception. The Series Model 8000 is non-insulated. The Series Model 8100 is insulated with a 9/16 inch thick expanded polystyrene.

The WayneMark Series 8300 and 8500 are both residential insulated doors with raised panel and flush panel design and are the same door with one exception. The Series 8300 is 1.5 inches thick and the Series 8500 is 2 inches thick. Both doors have a maximum height of 8 feet.

The WayneMark Series 5150 and 5200 are both commercial insulated doors with raised panel and flush panel design and are the same door with one exception. The Series 5150 is 1.5 inches thick and the Series 5200 is 2 inches thick. Both doors have a maximum height of 16 feet.

4.2 Model 8000

WayneMark 8000 Series Garage Doors are constructed of 24 and 26 gauge ASTM A653-00 Forming Steel FS Type B, minimum yield of 56 ksi, with a finish equal to ASTM A525 made up of a G30 finish on 26 gauge doors and G90 finish on 24 gauge doors, covered with two coats of polyester paint with 16 gauge steel end stiles and 20 gauge steel center stile.

PN 6360

FILE COPY
TOWN OF SEWALL'S POINT
 THESE PLANS HAVE BEEN REVIEWED FOR CODE COMPLIANCE
 REPORT NO. 2210A PAGE 1 OF 5
 DATE: 7/30/03
 [Signature]
 ACTING BUILDING OFFICIAL
 Gene Simmons
 EDWARD B. APPROD

4.3 Model 8100

WayneMark 8100 Series Garage Doors are constructed of 24 and 26 gauge ASTM A653-00 Forming Steel FS Type B, minimum yield of 56 ksi, with a finish equal to ASTM A525 made up of a G30 finish on 26 gauge doors and G90 finish on 24 gauge doors, covered with two coats of polyester paint with 16 gauge steel end stiles and 20 gauge steel center stile. The Series 8100 is insulated with a 9/16" thick expanded polystyrene board.

4.4 Model 8300

WayneMark 8300 Series Garage Doors are constructed of 28 gauge ASTM A653 CS Type B, minimum yield of 42 ksi, with a finish equal to ASTM A525 made up of a G30 finish, covered with two coats of polyester paint with 18 gauge steel end caps.

4.5 Model 8500

WayneMark 8500 Series Garage Doors are constructed of 28 gauge ASTM A653 CS Type B, minimum yield of 42 ksi, with a finish equal to ASTM A525 made up of a G30 finish, covered with two coats of polyester paint with 18 gauge steel end caps.

4.6 Model 5150

WayneMark 5150 Series Garage Doors are constructed of 28 gauge ASTM A653 CS Type B, minimum yield of 42 ksi, with a finish equal to ASTM A525 made up of a G30 finish, covered with two coats of polyester paint with 18 gauge steel end caps.

4.7 Model 5200

WayneMark 5200 Series Garage Doors are constructed of 28 gauge ASTM A653 CS Type B, minimum yield of 42 ksi, with a finish equal to ASTM A525 made up of a G30 finish, covered with two coats of polyester paint with 18 gauge steel end caps.

4.8 Wind Loads

The WayneMark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Doors were subjected to transverse load testing under ASTM E 330 or Miami-Dade County Protocols PA 202. Allowable transverse wind loads are given in Table 1.

Both series of the WayneMark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Doors are braced on the inside of the doors with U-Bars and C-Channels running horizontally on each sectional panel or windload post. Each series has several models with different configuration of U-Bars, C-Channels and windload post depending of the amount of wind load resistance required. Each U-Bar is made of 20 gauge ASTM A653-00 Forming Steel FS Type B, minimum yield of 80 ksi, each C-Channel is made of 16 gauge ASTM A653-00 Forming Steel FS Type B, minimum yield of 50 ksi, both with a finish equal to ASTM A525 made up of a G-30 finish, and each windload post is made of 0.125 inch thick 6063-T5 aluminum alloy.

4.9 Door Track

The WayneMark Series 8000 and 8100 Garage Door Tracks are made from 15 and 17 gauge (33,000ksi, ASTM A 653) steel with a galvanized coating (G-40).

4.10 Large Missile Impact Resistance

The WayneMark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Doors, as described in this report, were tested for large missile impact resistance under Miami-Dade County Protocol PA-201 and PA-203. The doors tested passed the large missile impact test. The doors listed in Table 2 and 3 of this report may be used as impact resistance doors to protect against windborne debris.

4.11 Surface Burning Characteristics

Series 8100 is insulated with a 9/16" thick expanded polystyrene board which is labeled per Section 2603.2 in both the 1999 Standard Building Code and the 2001 Florida Building Code. The surface burning characteristics of the door was tested in accordance with ASTM E-84 and found to have a flame spread of less than 75 and a smoke development of less than 450.

Series 8300, 8500, 5150, and 5200 is insulated with foamed in place polyurethane insulation to full thickness of each doors. The insulation is labeled per Section 2603.2 in both the 1999 Standard Building Code and the 2001 Florida Building Code. The surface burning characteristics of the doors were tested in accordance with ASTM E-84 and found to have a flame spread of less than 75 and a smoke development of less than 450.

5. INSTALLATION**5.1 General**

The WayneMark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Doors are installed in accordance with the manufacturer's published installation instructions, engineering drawings, and this report.

The manufacturer's published installation instructions and this report shall be strictly adhered to and a copy of these instructions shall be available at all times on the job site during installation.

The instructions within this report govern if there are any conflicts between the manufacturer's instructions and this report.

5.2 Allowable Transverse Wind Loads

The design wind loads on the garage doors shall be determined in accordance with 1606 of the *Standard Building Code*® and the Florida Building Code and shall not exceed the allowable transverse wind loads shown in Table 1.

**TABLE 1
ALLOWABLE TRANSVERSE WIND LOADS**

MODEL	DOOR W (MAX) FT-IN	DOOR H (MAX) FT-IN	DESIGN LOAD POSITIVE (PSF)	DESIGN LOAD NEGATIVE (PSF)	REINFORCEMENTS
8000/8100-0028 ¹	16-0	14-0	22.00	24.66	U-Bars
8000/8100-0108 ¹	9-0	14-0	30.00	30.00	U-Bars
8000/8100-0109 ¹	9-0	14-0	25.00	25.00	U-Bars
8000/8100-0110 ¹	16-0	14-0	27.00	29.00	U-Bars
8000/8100-0119 ^{2,3}	9-0	14-0	37.00	37.00	U-Bars
8000/8100-0113 ^{2,4}	9-0	14-0	37.00	37.00	U-Bars
8000/8100-0120 ^{2,3}	9-0	14-0	46.00	52.00	U-Bars
8000/8100-0114 ^{2,4}	9-0	14-0	46.00	52.00	U-Bars
8000/8100-0121 ^{2,3}	16-0	14-0	31.00	33.00	U-bars
8000/8100-0116 ^{2,4}	16-0	14-0	31.00	33.00	U-bars
8000/8100-0122 ^{2,3}	16-0	14-0	44.00	49.00	U-bars and C-channels
8000/8100-0115 ^{2,4}	16-0	14-0	44.00	49.00	U-bars and C-channels
8000/8100-0123 ^{2,3}	18-0	7-0	30.00	32.00	C-channels
8000/8100-0118 ^{2,4}	18-0	7-0	30.00	32.00	C-channels
8300-0124 ^{1,6}	16-0	8-0	27.00	29.00	U-Bars
8300-0125 ^{1,6}	16-0	8-0	22.00	25.00	U-Bars
8300-0126 ^{1,6}	16-0	8-0	44.00	49.00	U-Bars & Windload Posts
8300-0127 ^{1,6}	9-0	8-0	46.00	52.00	U-Bars
8300-0130 ^{1,6}	18-0	8-0	22.00	25.00	U-Bars
8300-0131 ^{1,6}	18-0	8-0	44.00	49.00	U-Bars & Windload Posts
8300-0132 ^{1,5,6}	9-0	8-0	31.00	36.00	U-Bars
8300-0133 ^{1,5,6}	9-0	8-0	23.00	26.00	U-Bars

Notes:

1. Transverse Load Test per ASTM E 330
2. Transverse Load Test per Miami-Dade County Protocols PA 202
3. Door panel steel is made from 26 gauge steel skin
4. Door panel steel is made from 24 gauge steel skin
5. Tested with windows in top panel.
6. Door panel steel is made from 28 gauge steel skin. These result can also be used for Model Numbers: 8500, 5150, and 5200 if the same Options are used.

SI Units Conversion: 1 in = 25.4 mm, 1 ft = 0.3 m, 1 psf = 48 Pa

TABLE 2
MODEL 8000/8100
IMPACT RESISTANT DOORS

Option Code	Size	Facer Steel	Reinforcements
0119	9'-0" x 7'-0"	26 ga.	5 Ubars
0113	9'-0" x 7'-0"	24 ga.	5 Ubars
0120	9'-0" x 7'-0"	26 ga.	7 Ubars
0114	9'-0" x 7'-0"	24 ga.	7 Ubars
0121	16'-2" x 7'-0"	26 ga.	9 Ubars
0116	16'-2" x 7'-0"	24 ga.	9 Ubars
0122	16'-2" x 7'-0"	26 ga.	1 Ubar & 4 C's
0115	16'-2" x 7'-0"	24 ga.	1 Ubar & 4 C's
0123	18'-2" x 7'-0"	26 ga.	4 C-channels
0118	18'-2" x 7'-0"	24 ga.	4 C-channels

TABLE 3
MODEL 8300/8500/5150/5200
IMPACT RESISTANT DOORS

Option Code	Size	Facer Steel	Reinforcements
0126	16'-0" x 8'-0"	28 ga.	4 Ubars and 1 Removable Windload Posts
0127	9'-0" x 8'-0"	28 ga.	5 Ubars
0131	18'-0" x 8'-0"	28 ga.	5 Ubars and 2 Removable Windload Posts

18'-0" x 7'-0" accepted as similar

6. SUBSTANTIATING DATA

- 6.1 Manufacturer's descriptive literature, specifications, and installation instructions.
- 6.2 Test reports on transverse wind load under ASTM E 330 for WayneMark Series 8000 and 8100 Garage Door, prepared by Hurricane Engineering & Testing, Inc., are as follows:
 - Report No. HETI-01-997, April 4, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-996, April 4, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-1029, June 7, 2001, signed by Syed Waqar Ali, Ph.D.
 - Report No. HETI-01-1014, May 10, 2001, signed by Syed Waqar Ali, Ph.D.
- 6.3 Test reports on Large Missile Impact for WayneMark Series 8000 and 8100 Garage Doors, Hurricane Engineering & Testing, Inc., are as follows:
 - Report No. HETI-01-993, April 3, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.

- Report No. HETI-01-995, April 4, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
- Report No. HETI-01-1028, June 5, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
- Report No. HETI-01-1026, June 4, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
- Report No. HETI-01-1013, May 9, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.

- 6.4 Test reports on transverse wind load under Miami-Dade County Protocol PA-202 for WayneMark Series 8000 and 8100 Garage Door, prepared by Hurricane Engineering & Testing, Inc., are as follows:
 - Report No. HETI-01-994, April 2, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-1011, May 9, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-1027, June 5, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-1025, June 4, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-992, April 2, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
- 6.5 Test reports on tensile strength under ASTM E-8 for WayneMark Series 8000 and 8100 Garage Door, prepared by Hurricane Engineering & Testing, Inc., are as follows:
 - Report No. HETI-01-T034, April 5, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T036, April 17, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T064, June 30, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T065, June 30, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T061, June 24, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T060, June 24, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T062, June 24, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T063, June 25, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T048, May 30, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T049, May 30, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T050, June 1, 2001, signed by Hector M. Medina, P.E.
- 6.6 Test report on surface burning characteristic under ASTM E 84 for Drew Foam EPS used in WayneMark Series 8100 Garage Door, prepared by RADCO, Report No. RAD-2935, dated November 2001, signed by Yamil Moya and Michael L. Ziemann, P.E.
- 6.7 Test report on surface burning characteristic under ASTM E 84 for Foam Enterprises, Inc., polyurethane foam insulation panel, used in WayneMark Series 8300, 8500, 5150 and 5200 Garage Doors, prepared by Southwest Research Institute, Report No. 01.04913.01.159c, dated February 13, 2002, signed by Anthony L. Saucedo and Alex B. Wenzel.
- 6.8 Test reports on transverse wind load under ASTM E 330 for WayneMark Series 8300 raised panel Garage Door, prepared by Hurricane Engineering & Testing, Inc., are as follows:

- Report No. HETI-01-1080, October 3, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E..
- Report No. HETI-01-1081, October 3, 2001, signed by Syed Waqar Ali, Ph.D.
- Report No. HETI-01-1083, October 4, 2001, signed by Syed Waqar Ali, Ph.D.
- Report No. HETI-01-1084, October 5, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E..
- Report No. HETI-01-1090, November 30, 2001, signed by Syed Waqar Ali, Ph.D.
- Report No. HETI-01-1091, October 30, 2001, signed by Syed Waqar Ali, Ph.D.
- Report No. HETI-01-1092, October 31, 2001, signed by Syed Waqar Ali, Ph.D.
- Report No. HETI-01-1093, November 1, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E..

- 6.9 Test reports on Large Missile Impact for WayneMark Series 8300 raised panel Garage Doors, Hurricane Engineering & Testing, Inc., are as follows:
- Report No. HETI-01-1082, October 3, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-1085, October 5, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
 - Report No. HETI-01-1094, November 1, 2001, signed by Syed Waqar Ali, Ph.D. and Hector M. Medina, P.E.
- 6.10 Test reports on tensile strength under ASTM E-8 for WayneMark Series 8300 Garage Door, prepared by Hurricane Engineering & Testing, Inc., are as follows:
- Report No. HETI-01-T102, November 6, 2001, signed by Hector M. Medina, P.E.
 - Report No. HETI-01-T101, October 24, 2001, signed by Hector M. Medina, P.E.
- 6.11 Test report on surface burning characteristic under ASTM E 84 for Foam Enterprises, Inc., polyurethane foam insulation panel, used in WayneMark Series 8300, 8500, 5150 and 5200 Garage Doors, prepared by Omega Point Laboratories, Report No. 9004-112215, dated September 24, 2002, signed by Guy A. Haby and William E. Fitch, P.E..
- 6.12 Quality Control Manual for Wayne Dalton, dated January 2, 2003, Revision-E, (Document No. 13990-1).

7. CODE REFERENCES

Standard Building Code© - 1999 Edition

Section 103.7	Alternate Materials and Methods
Section 1606	Wind Loads
Chapter 17	Structural Tests and Inspections
Section 1707.4	Exterior Window and Door Assemblies
Chapter 22	Steel
Section 2204	Cold-Formed Steel Construction
Chapter 26	Foam Plastic

International One and Two Family Dwelling Code - 1998 Edition

Section 108	Alternate Materials and Systems
Section 301	Design Criteria

Standard for Hurricane Resistant Residential Construction© SSTD 10-99

Section 101.3	Integrity of Building Envelope
Section 101.4	Alternate Materials and Methods

Section 101.6	Design Concepts
Section 104	Design Criteria
Chapter 6	Windows and Doors
Appendix B	Design Load Assumptions

Florida Building Code© - 2001 Edition

Section 103.7	Alternate Materials and Methods
Section 1606	Wind Loads
Chapter 17	Structural Tests and Inspections
Section 1707.4	Exterior Window and Door Assemblies
Chapter 22	Steel
Section 2204	Cold-Formed Steel Construction
Chapter 26	Foam Plastic

8. COMMITTEE FINDINGS

The Committee on Evaluation in review of the data submitted finds that, in their opinion, the WayneMark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Doors as described in this report conform with or are suitable alternates to that specified in the *Standard Building Code*©, the *SBCCI Standard for Hurricane Resistant Residential Construction*© SSTD10-99, the Florida Building Code, and the *International One and Two Family Dwelling Code* or Supplements thereto.

9. LIMITATIONS

- 9.1 This Evaluation Report and the installation instructions, when required by the building official, shall be submitted at the time of permit application.
- 9.2 The doors shall be installed in accordance with the installation instructions in this report and the manufacturer's published installation instructions.
- 9.3 The structural elements supporting door track brackets shall be designed by a registered professional engineer for the wind loads shown on the drawings. The calculations shall be signed, sealed, and dated, and submitted to the local building official when applying for a permit.
- 9.4 The doors shall not be installed in areas where the transverse wind loads exceed the allowable loads shown in Table 1.
- 9.5 The glazed panel performance of WayneMark Series 8000 and 8100 Garage Doors is outside the scope of this report.
- 9.6 The WayneMark Series 8100 Garage Door can only be used in one and two family dwellings.
- 9.7 The WayneMark Series 8000, 8100, 8300, 8500, 5150 and 5200 Garage Doors have not been evaluated with the ventilation louvers installed.

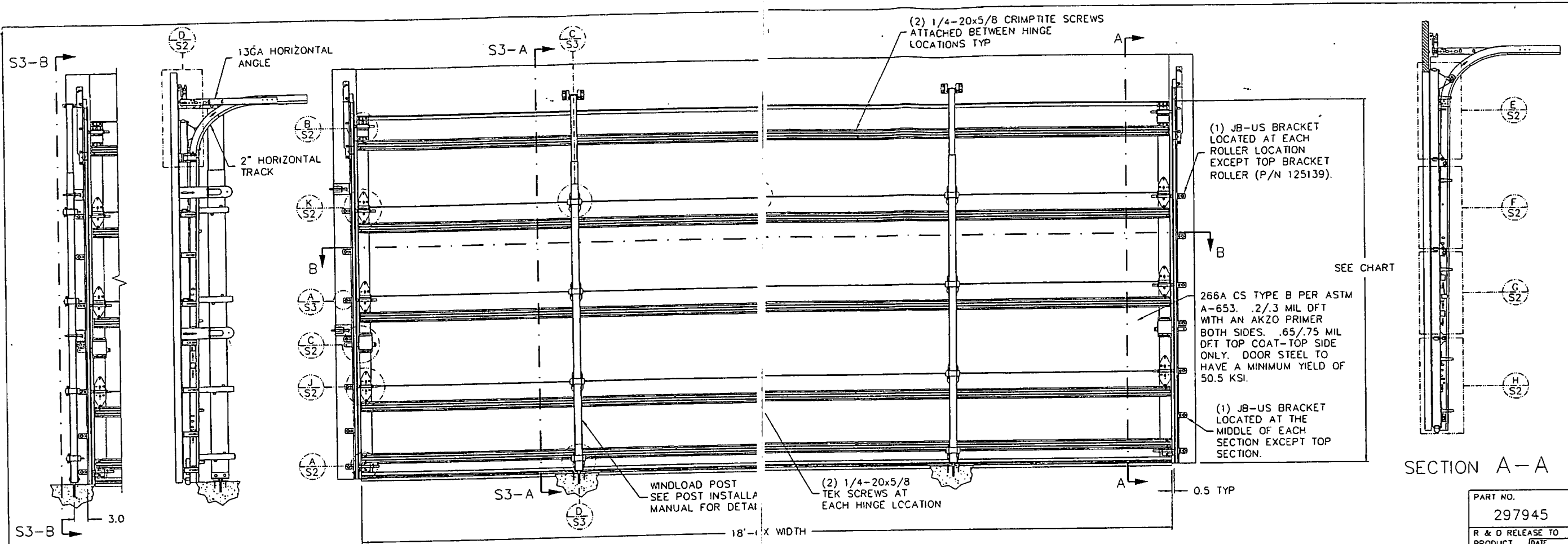
10. IDENTIFICATION

Each WayneMark Series 8000, 8100, 8300, 8500, 5150, and 5200 Garage Door covered by this report shall be labeled with the manufacturer's name and/or trademark, the SBCCI Public Safety Testing and Evaluation Services Inc. Seal or initials (SBCCI PST & ESI), and the number of this report for field identification.

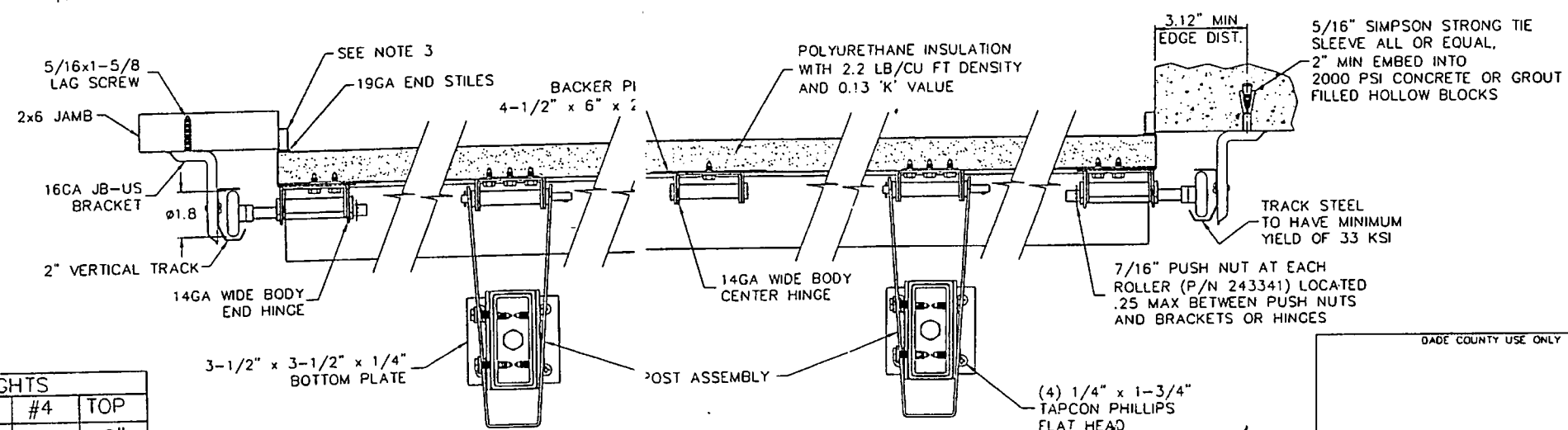
11. PERIOD OF ISSUANCE

SEE CURRENT SBCCI PST & ESI EVALUATION REPORT LISTING FOR STATUS OF THIS EVALUATION REPORT.

For information on this report contact:
J. David Musselwhite, P.E.
205/599-9800



POST
(STORAGE POSITION)



SECTION B-B

DOOR HEIGHT	U-BARS	SECTION HEIGHTS			
		BOTTOM	#2	#3	TOP
6'-0"	5	18"	18"	18"	18"
6'-0"	4	24"	24"		24"
6'-3"	5	20.8"	18"	18"	18"
6'-6"	5	20.8"	18"	18"	20.8"
6'-9"	5	20.8"	20.8"	18"	20.8"
7'-0"	5	20.8"	20.8"	20.8"	20.8"
7'-3"	5	24"	20.8"	20.8"	20.8"
7'-6"	6	18"	18"	18"	18"
7'-6"	5	24"	20.8"	20.8"	24"
7'-9"	6	20.8"	18"	18"	18"
7'-9"	5	24"	24"	24"	20.8"
8'-0"	6	20.8"	18"	18"	20.8"
8'-0"	5	24"	24"	24"	24"

- NOTES:
- ALL 8300/8500 SERIES DOOR WIDTHS FROM 0" TO 18'-0" AND 5150/5200 SERIES DOOR WIDTHS FROM 9'-3" TO 18'-0" APPROVED (ALL HEIGHTS FROM 6'-0" TO 8'-0").
 - OPTIONAL - .080" (MIN) ALUMINUM LOUVER HIGH IMPACT STYRENE FRAME MAY BE LOCATED AT THE END PANELS OF THE BOTTOM SECTION TO MEET MINIMUM VENTILATION REQUIREMENTS
 - VINYL OR WOOD DOOR STOP (NAILED ON 6 FEET) MUST OVERLAP TOP & BOTTOM ENDS OF PANELS 7/16" TO MEET NEGATIVE PRESSURES.

Approved: *[Signature]*
 W.S. Wilson, P.E.
 3395 ADDISON DR., PENSACOLA, FL 32514
 FLORIDA CERTIFICATION NO. 0048489
 GEORGIA CERTIFICATION NO. 018519
 NORTH CAROLINA CERTIFICATION NO. 023836
 Date: 9-17-02

PART NO.
297945

R & D RELEASE TO
PRODUCT DATE
ENGINEERING

BY:

CHANGES

P2 ADD
1/4-14x5/8"
TAMPER PROOF
DRILLING SCREW
PER DCR
W-8/21/02

Wayne Dalton

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

DRAWN	DATE	NAME	SHEET 1 of 3
CHECKED	10/10/2001	COGNEVICH	
APPR.			

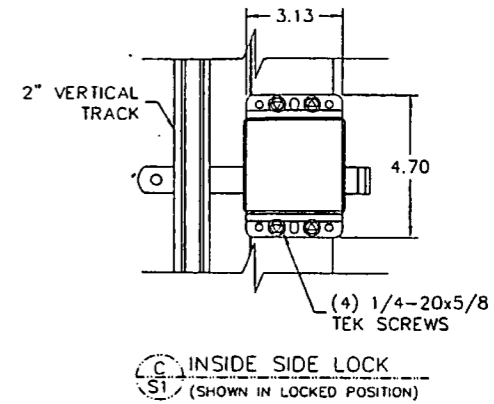
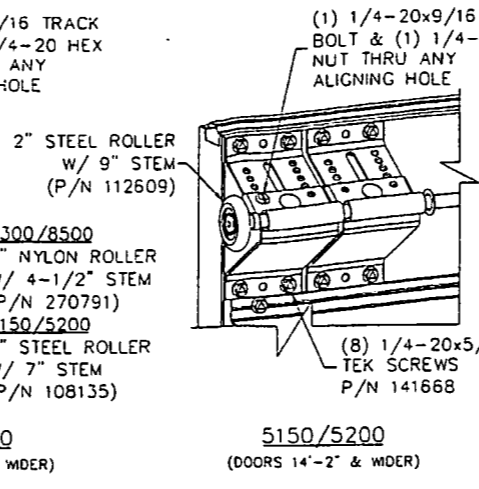
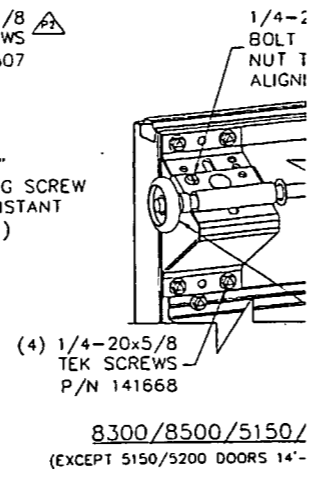
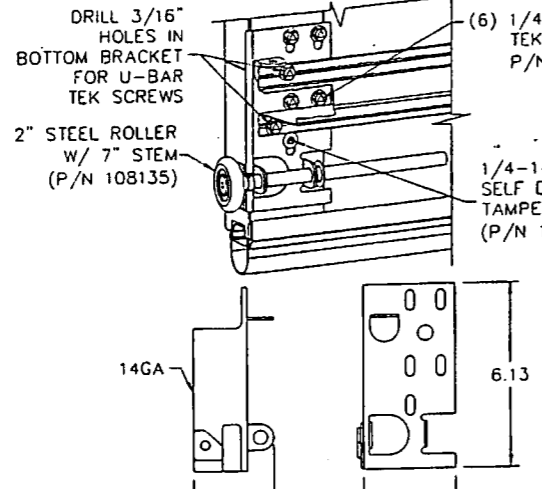
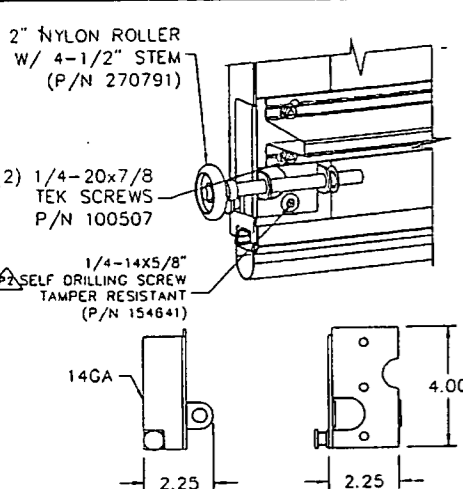
PROJECT
WINDLOAD/WMK8300

8300, 8500, 5150 & 5200

DESIGN PRESSURE: +40.0 PSF / -44.5 PSF

OPTION CODE
0131

REV
P2



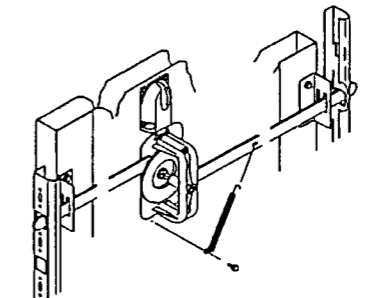
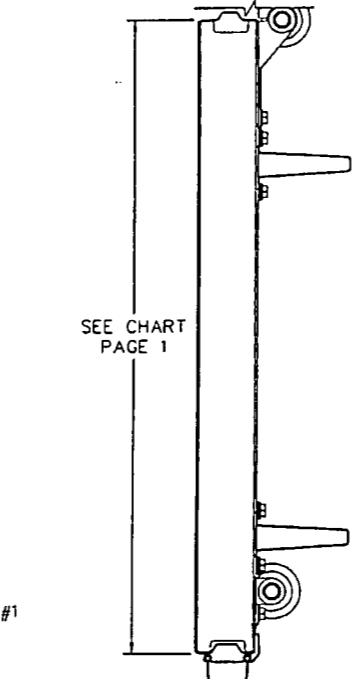
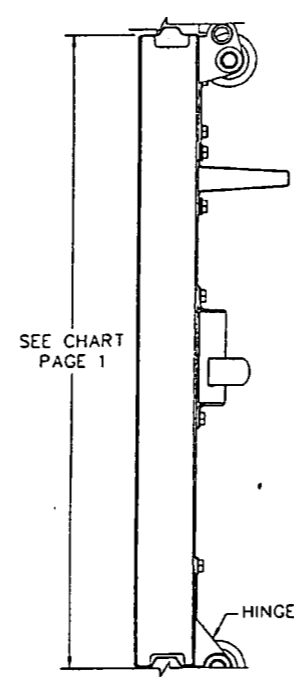
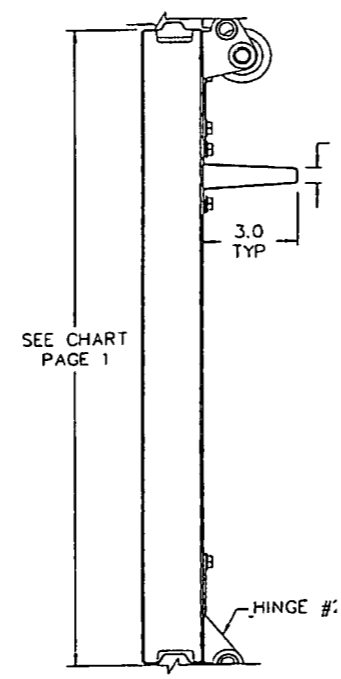
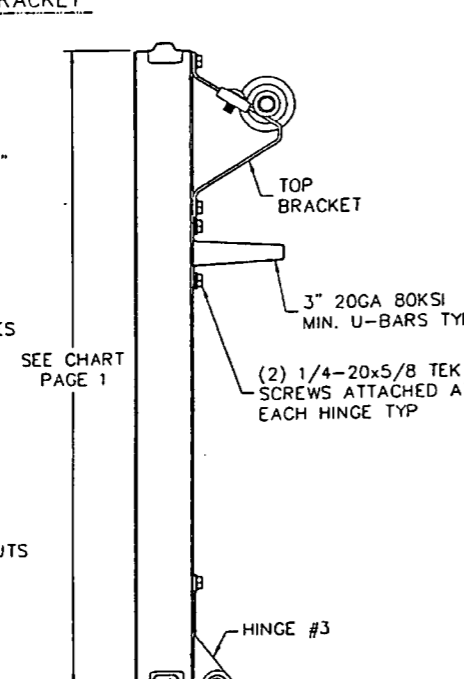
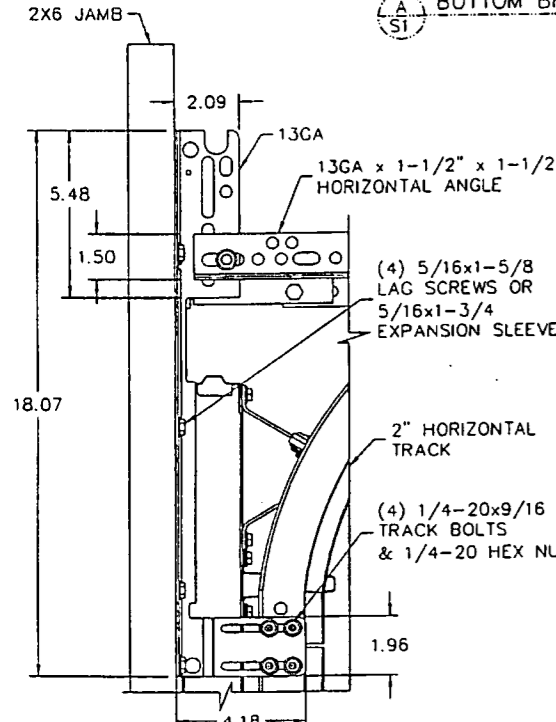
8300/8500
(P/N RH-270354 & LH-270355)

5150/5200
(5150 P/N 284516 & 284517, 5200 P/N 141621)

8300/8500/5150/5200
(EXCEPT 5150/5200 DOORS 14'-2" & WIDER)

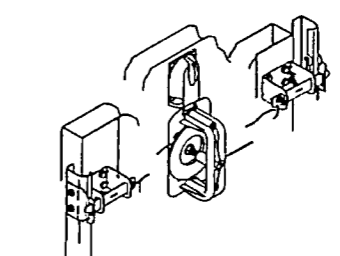
5150/5200
(DOORS 14'-2" & WIDER)

A BOTTOM BRACKET



DOUBLE LOCK BAR
SEE INSTRUCTION MANUAL FOR MORE DETAILS ON ASSEMBLY

NOTE:
LOCK OR OPERATOR REQUIRED



KEYED HANDLE OR RIM CYLINDER SECURE LOCK
SEE INSTRUCTION MANUAL FOR MORE DETAILS ON ASSEMBLY

PART NO.	297945
R & D RELEASE TO PRODUCT ENGINEERING	DATE
BY:	
CHANGES	
P2 ADD	
1/4-14X5/8 TAMPER PROOF DRILLING SCREW PER DCR	
W-8/21/02	

DADE COUNTY USE ONLY

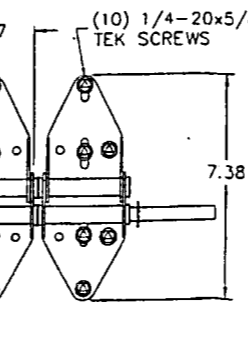
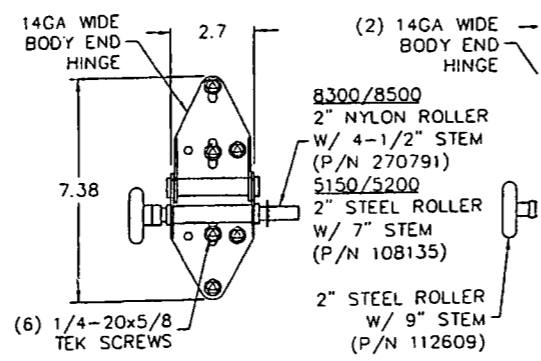
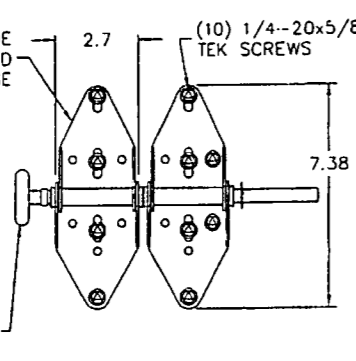
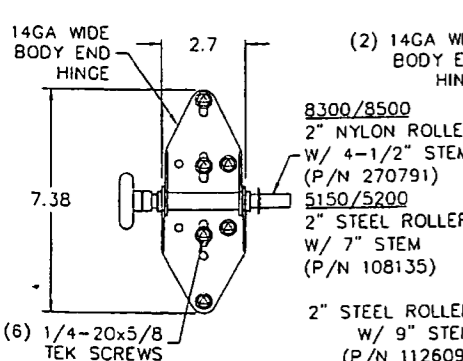
D FLAG ANGLE

E TOP SECTION
(SOME DOOR COMPONENTS OMITTED FOR CLARITY)

F INTERMEDIATE SECTION
(SOME DOOR COMPONENTS OMITTED FOR CLARITY)

G LOCK SECTION
(SOME DOOR COMPONENTS OMITTED FOR CLARITY)

H BOTTOM SECTION
(SOME DOOR COMPONENTS OMITTED FOR CLARITY)



Approved: *[Signature]*
W.S. Wilson, P.E.
3395 ADDISON DR., PENSACOLA, FL 32514
FLORIDA CERTIFICATION NO. 0048489
GEORGIA CERTIFICATION NO. 018519
NORTH CAROLINA CERTIFICATION NO. 023836
Date: 9-17-02

8300/8500/5150/5200
(EXCEPT 5150/5200 DOORS 14'-2" & WIDER)

5150/5200
(DOORS 14'-2" & WIDER)

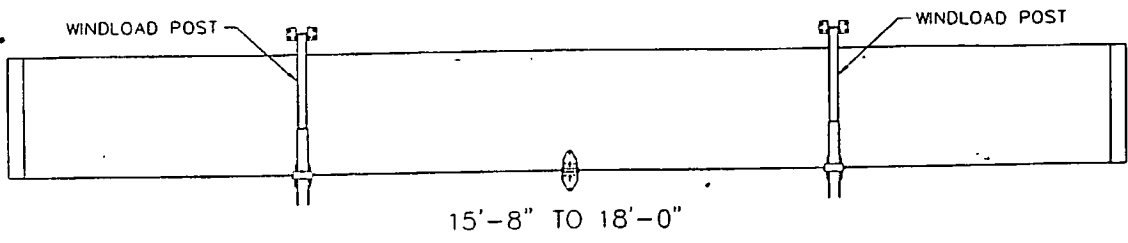
8300/8500/5150/5200
(EXCEPT 5150/5200 DOORS 14'-2" & WIDER)

5150/5200
(DOORS 14'-2" & WIDER)

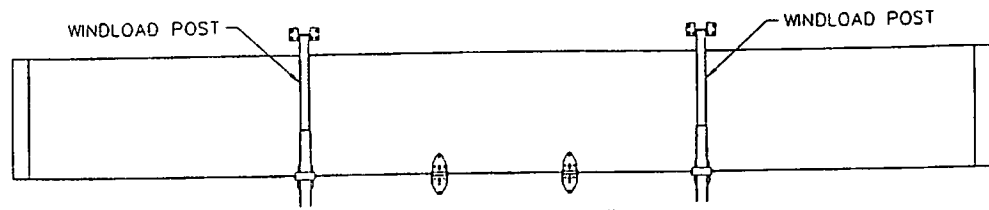
J BOTTOM END HINGE
LH SHOWN
RH SYMMETRICALLY OPPOSITE

K END HINGE TYP.
LH SHOWN
RH SYMMETRICALLY OPPOSITE

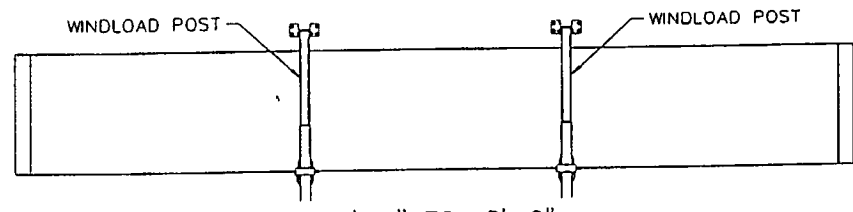
Wayne Dalton	3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890	DRAWN	DATE	NAME	SHEET 2 of 3	
		CHECKED	10/10/2001	COGNEVICH		
		APPR.				
8300, 8500, 5150 & 5200					OPTION CODE	REV
DESIGN PRESSURE: +40.0 PSF / -44.5 PSF					SIZE C	0131 P2



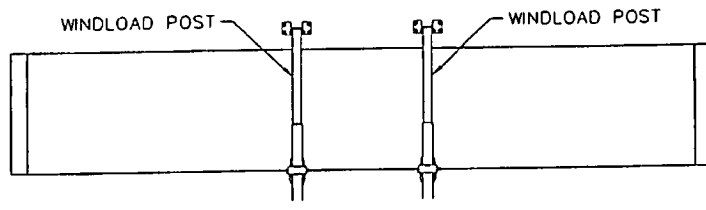
15'-8" TO 18'-0"



14'-0" TO 15'-6"

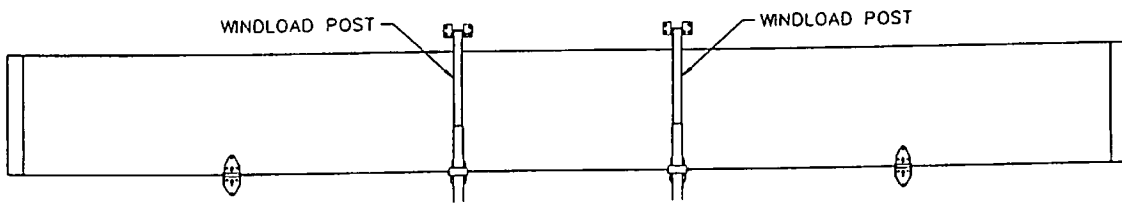


12'-0" TO 13'-6"

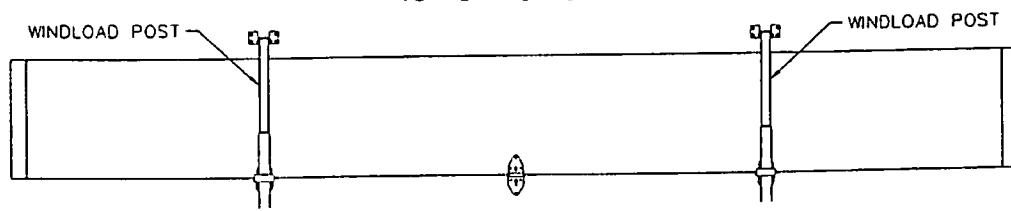


10'-0" TO 11'-6"

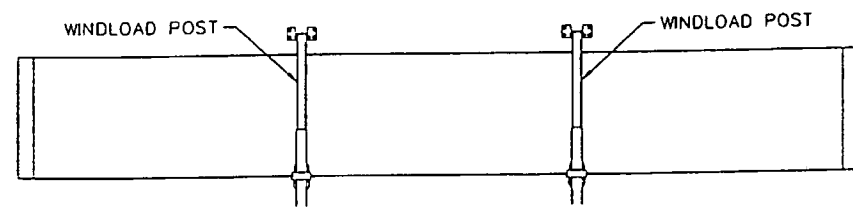
8300 & 8500
POST LOCATIONS



16'-3" TO 18'-0"

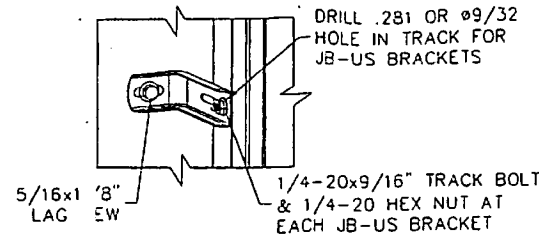


12'-3" TO 16'-2"



9'-3" TO 12'-2"

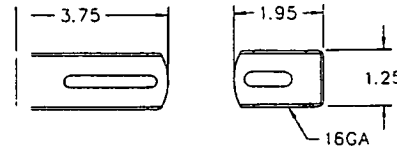
5150 & 5200
POST LOCATIONS



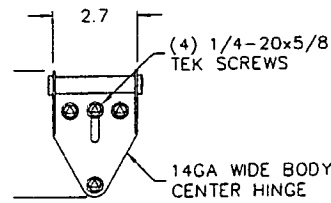
5/16x1 3/8\"/>

DRILL .281 OR #9/32
HOLE IN TRACK FOR
JB-US BRACKETS

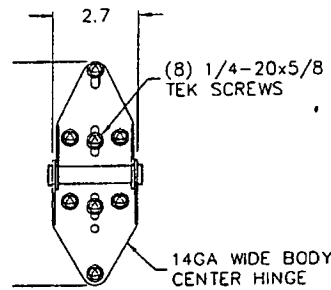
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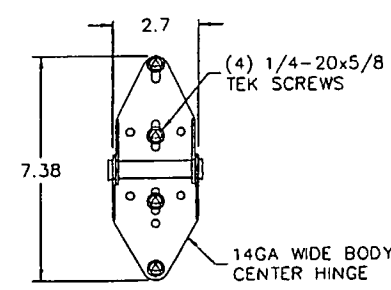
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(S1) (P/N 125139)



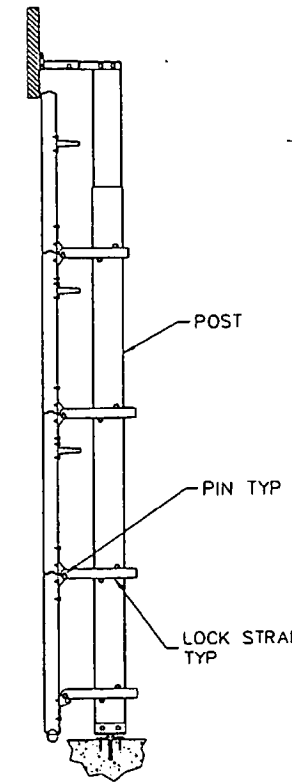
(D) POST HALF HINGE TYP.



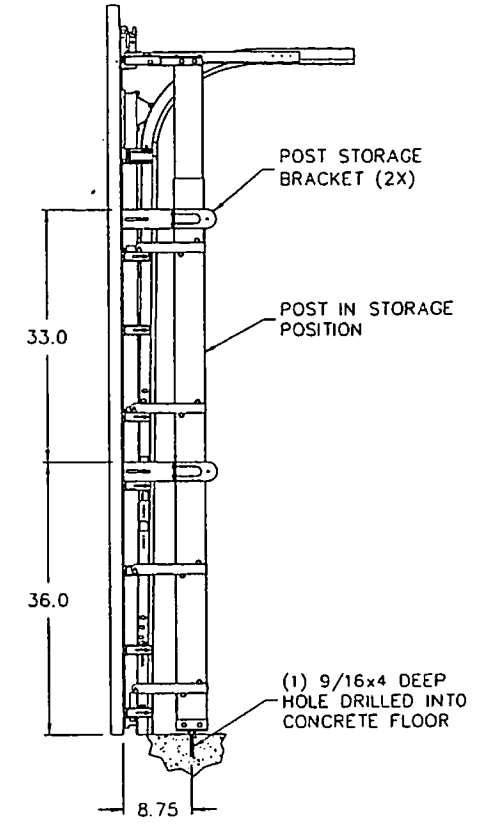
(C) POST HINGE TYP.



(B) CENTER HINGE TYP.



SECTION S3-A



SECTION S3-B

INSTALL FT USING
WINDLOAD POS INSTALLATION
INSTRUCTIONS
(P/N 2173)

Approved: *[Signature]*
W.S. Wilson, P.E.
3395 ADDISON DR., PENSACOLA, FL 32514
FLORIDA CERTIFICATION NO. 0048489
GEORGIA CERTIFICATION NO. 018519
NORTH CAROLINA CERTIFICATION NO. 023836
Date: 9-17-02

PART NO.	
297945	
R & D RELEASE TO PRODUCT ENGINEERING	DATE
BY:	
(P) CHANGES	
P2 ADD 1/4-14x5/8\"/>	
TAMPER PROOF DRILLING SCREW PER DCR W-8/21/02	

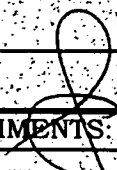


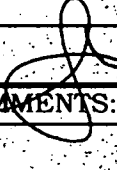


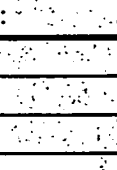
DADE COUNTY USE ONLY

	3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890	DRAWN	DATE	NAME	SHEET 3 OF 3
		CHECKED	10/10/2001	COGNEVICH	
		APPR.			
8300, 8500, 5150 & 5200					PROJECT
DESIGN PRESSURE: +40.0 PSF/-44.5 PSF					WINDLOAD\WMKB300
SIZE	C	OPTION CODE	0131	REV	P2

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 8/25/03, 2003 Page 1 of 1

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
6360	DOEDENS/VANT BOSCH 36 S. RIVER ROAD O/B	GARAGE DOOR FINAL	Passed	close INSPECTOR: 
6316	W. INER 19 RIDGELAND O/B	FINAL POOL DECK BRACE	Passed	close INSPECTOR: 
6349	W. INER 19 RIDGELAND O/B	FINAL CHANGE ALC	Passed	close INSPECTOR: 
T/R	9 Oakhill Way	Tree cut without permit		INSPECTOR: 
6378	Oloay 91 S. Sewalls A+P	Door Replacement Final	Passed	close INSPECTOR: 
T/R	Cirriello 31 Fieldway Dr. O/B	Tree removal	Passed	INSPECTOR: 
				INSPECTOR: 

OTHER: _____

6927

FENCE REPAIR

MASTER PERMIT NO. _____

TOWN OF SEWALL'S POINT

Date 10/11/04 BUILDING PERMIT NO. 6927
 Building to be erected for VANIT BOSCH Type of Permit REPAIR FENCE
 Applied for by O/B (Contractor) Building Fee _____
 Subdivision HILLCREST Lot 21 Block _____ Radon Fee _____
 Address 36 S. RIVER ROAD Impact Fee _____
 Type of structure S FR FENCE A/C Fee N/C
 Electrical Fee HURRICANE
 Plumbing Fee DAMAGE
 Parcel Control Number: _____ Roofing Fee _____
138410140000021020000
 Amount Paid — Check # — Cash _____ Other Fees (_____) _____
 Total Construction Cost \$ 2000.00 TOTAL Fees _____

Signed [Signature] Applicant
 Signed [Signature] Town Building Official

PERMIT

- | | | |
|---|--|---|
| <input type="checkbox"/> BUILDING | <input type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input checked="" type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input type="checkbox"/> ADDITION |

INSPECTIONS

- | | | | |
|-----------------------------|-------|------------------------|-------|
| UNDERGROUND PLUMBING | _____ | UNDERGROUND GAS | _____ |
| UNDERGROUND MECHANICAL | _____ | UNDERGROUND ELECTRICAL | _____ |
| STEMWALL FOOTING | _____ | FOOTING | _____ |
| SLAB | _____ | TIE BEAM/COLUMNS | _____ |
| ROOF SHEATHING | _____ | WALL SHEATHING | _____ |
| TRUSS ENG/WINDOW/DOOR BUCKS | _____ | LATH | _____ |
| ROOF TIN TAG/METAL | _____ | ROOF-IN-PROGRESS | _____ |
| PLUMBING ROUGH-IN | _____ | ELECTRICAL ROUGH-IN | _____ |
| MECHANICAL ROUGH-IN | _____ | GAS ROUGH-IN | _____ |
| FRAMING | _____ | EARLY POWER RELEASE | _____ |
| FINAL PLUMBING | _____ | FINAL ELECTRICAL | _____ |
| FINAL MECHANICAL | _____ | FINAL GAS | _____ |
| FINAL ROOF | _____ | BUILDING FINAL | _____ |

Town of Sewall's Point
BUILDING PERMIT APPLICATION

Date: October 4, 2004

Permit Number: _____

OWNER/TITLEHOLDER NAME: Marjolein van't Bosch Phone (Day) _____ (Fax) _____

Job Site Address: 36 S. River Rd. City: Stuart State: FL Zip: 34996

Legal Desc. Property (Subd/Lot/Block) _____ Parcel Number: _____

Owner Address (if different): 36 City: _____ State: _____ Zip: _____

Description of Work To Be Done: rebuilding east and south fence after storm damage

WILL OWNER BE THE CONTRACTOR?:

YES NO

COST AND VALUES:

Estimated Cost of Construction or Improvements: \$ 2000
(Notice of Commencement needed over \$2500)

Estimated Fair Market Value prior to improvement: \$ _____

Is Improvement cost 50% or more of Fair Market Value? YES NO

Method of Determining Fair Market Value: _____

(If no, fill out the Contractor & Subcontractor sections below)
(If yes, Owner Builder Affidavit must accompany application)

CONTRACTOR/Company: _____ Phone: _____ Fax: _____

Street: _____ City: _____ State: _____ Zip: _____

State Registration Number: _____ State Certification Number: _____ Martin County License Number: _____

SUBCONTRACTOR INFORMATION:

Electrical: _____ State: _____ License Number: _____

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

ARCHITECT _____ Lic.#: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER _____ Lic# _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE - SEWER - ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ Screened Porch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, MECHANICAL, SIGNS, POOLS, WELLS, FURNACE, BOILERS, HEATERS, TANKS DOCKS, SEA WALLS, ACCESSORY BUILDING, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: National Electrical Code: 2002 Florida Energy Code: 2001 Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2001 Florida Accessibility Code: 2001

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required) Marjolein van't Bosch

CONTRACTOR SIGNATURE (required) _____

State of Florida, County of: MARTIN

On State of Florida, County of: _____

This the 4th day of OCTOBER, 2004

This the _____ day of _____, 2000

by MARJOLEIN VAN'T BOSCH who is personally

by _____ who is personally

known to me or produced FLDL B200-558-58-942-0

known to me or produced _____

as identification. [Signature]

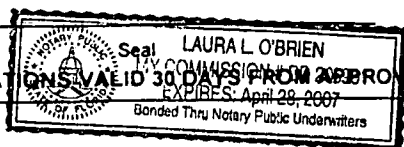
as identification. _____

Notary Public

Notary Public

My Commission Expires: _____

My Commission Expires: _____



Seal

PERMIT APPLICATIONS VALID 30 DAYS FROM APPROVAL NOTIFICATION - PLEASE PICK UP YOUR PERMIT PROMPTLY!

TOWN OF SEWALL'S POINT
ONE SOUTH SEWALL'S POINT ROAD
SEWALL'S POINT, FLORIDA 34996


TOWN OF SEWALL'S POINT OWNER/BUILDER AFFIDAVIT
(To be submitted if permit is to be pulled by Owner/Builder)

DISCLOSURE STATEMENT

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor even through you do not have a license. You must supervise the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building at a cost of \$25,000 or less. The building must be for your own use and occupancy. It may not be built for sale or lease. If you sell or lease a building you have built yourself within 1 year after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. It is your responsibility to make sure that people employed by you have licenses required by State law and by County or Municipal licensing ordinances. Any person working on your building who is not licensed must work under your supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes and zoning regulations. Florida Statutes 489.103(7).

I have read the above and agree to comply with the provisions as stated.

Name: Marjolein van't Bosch Date: October 4, 2004

Signature: 

Address: 36 South River Rd.

City & State: Stuart FL 34996

Permit No. _____

TOWN OF SEWALL'S POINT

Date 2/25/03

BUILDING PERMIT NO. 6160

Building to be erected for DOEDENS Type of Permit FENCE

Applied for by OB (Contractor) Building Fee 30.00

Subdivision HILLCREST Lot 21 Block _____ Radon Fee _____

Address 36 S. RIVER ROAD Impact Fee _____

Type of structure SFR A/C Fee _____

Parcel Control Number: _____ Electrical Fee _____

13841014000021020000 Plumbing Fee _____

Amount Paid 30.00 Check # _____ Cash Other Fees (_____) Roofing Fee _____

Total Construction Cost \$ 1000.00 TOTAL Fees 30.00

Signed [Signature]
Applicant

Signed Gene Simmons (OB)
Town Building Official

PERMIT

- | | | |
|---|--|---|
| <input type="checkbox"/> BUILDING | <input type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input checked="" type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input type="checkbox"/> ADDITION |

INSPECTIONS

UNDERGROUND PLUMBING	_____	UNDERGROUND GAS	_____
UNDERGROUND MECHANICAL	_____	UNDERGROUND ELECTRICAL	_____
STEMWALL FOOTING	_____	FOOTING	_____
SLAB	_____	TIE BEAM/COLUMNS	_____
ROOF SHEATHING	_____	WALL SHEATHING	_____
TRUSS ENG/WINDOW/DOOR BUCKS	_____	LATH	_____
ROOF TIN TAG/METAL	_____	ROOF-IN-PROGRESS	_____
PLUMBING ROUGH-IN	_____	ELECTRICAL ROUGH-IN	_____
MECHANICAL ROUGH-IN	_____	GAS ROUGH-IN	_____
FRAMING	_____	EARLY POWER RELEASE	_____
FINAL PLUMBING	_____	FINAL ELECTRICAL	_____
FINAL MECHANICAL	_____	FINAL GAS	_____
FINAL ROOF	_____	BUILDING FINAL	_____

MOVE CURRENT FENCE APPROX. 6 INCHES INSIDE PROPERLY LINE, INCREASE FENCE HEIGHT TO 7'

DATE	12-15-97
SCALE	1" = 30'
DATE	02-10-97
P.A.	A18 - 88 & 80
REV. NO.	1012
REVISIONS	

LEGAL DESCRIPTION

LOT 21, HILLCREST SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 10 PAGE 39 OF THE PUBLIC RECORDS OF MARTIN COUNTY, FLORIDA.

SURVEYOR'S NOTES

1. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS AND/OR RIGHTS OF ANY KIND EXCEPT AS SHOWN ON RECORDED PLAT, IF ANY.
2. NO ATTEMPT WAS MADE BY THIS FIRM TO LOCATE UNDERGROUND FOOTINGS OF BUILDINGS OR FENCES OR/OR ADJACENT TO THIS SITE.
3. BEARINGS SHOWN HEREON REFER TO AN ASSUMED MERIDIAN OF N. 62° 36' 00" E., ALONG THE NORTH LINE OF LOT 21.
4. AREA OF SITE: 20,672.57 SQUARE FEET OR 0.47 ACRES MORE OR LESS.
5. ELEVATIONS SHOWN HEREON REFER TO NATIONAL GEODETIC VERTICAL DATUM 1929.
6. LEGAL DESCRIPTION FURNISHED BY CLIENT.

THIS SURVEY CERTIFIED TO:

1. BARELD DOEDENS AND MARJOLEIN VAN'T BOSCH
2. COMMUNITY SERVICES, F.A.
3. STEWART TITLE OF MARTIN COUNTY
4. ROBERT A. BURSON, P.A.

SURVEYOR'S CERTIFICATION

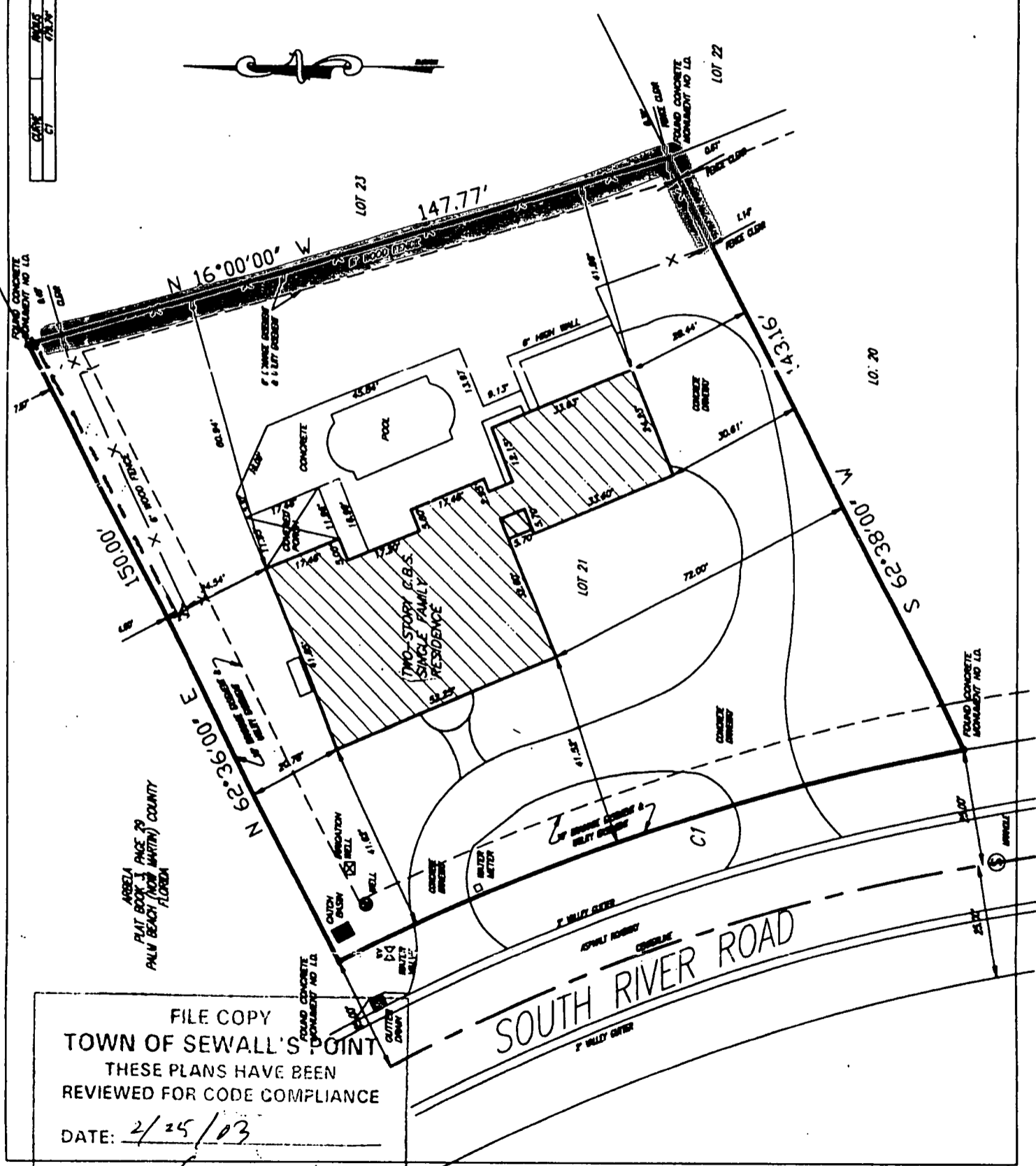
I HEREBY CERTIFY THAT THIS PLAT OF SURVEY WAS PREPARED UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FOR BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AND APPEARS IN CHAPTER 61G17-5, FLORIDA STATUTES, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. COPIES OF THIS SURVEY ARE ANNULD WITHOUT THE EMBOSSED SEAL OF THE UNDERSIGNED.

Robert Bloomster
 ROBERT BLOOMSTER, JR.
 PROFESSIONAL LAND SURVEYOR
 NO. 4134 STATE OF FLORIDA

BLOOMSTER
 PROFESSIONAL LAND SURVEYORS, INC.
 FLORIDA LSA 6018

641 N.E. SPENCER STREET
 JENSEN BEACH, FLORIDA 34957
 PHONE 561-334-0888

BARELD DOEDENS & MARJOLEIN VAN'T BOSCH
 36 RIVER ROAD
 STUART, MARTIN COUNTY, FLORIDA

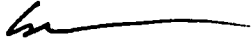


FILE COPY
 TOWN OF SEWALL'S POINT
 THESE PLANS HAVE BEEN
 REVIEWED FOR CODE COMPLIANCE
 DATE: 2/25/03

BUILDING OFFICIAL
 Gen. Services

FILE COPY
TOWN OF SEWALL'S POINT
THESE PLANS HAVE BEEN
REVIEWED FOR CODE COMPLIANCE

DATE: 10/4/04

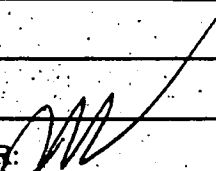
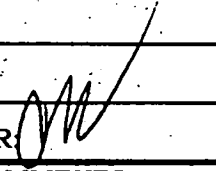
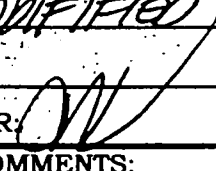
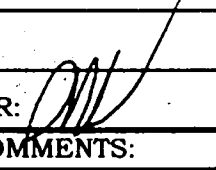
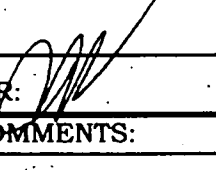
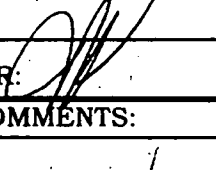
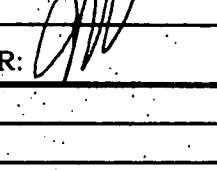


BUILDING OFFICIAL
Gene Simmons

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri JAN 3, 2005 Page 2 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
TREE	SEYMOUR	TREE	PASS	
7	73 S. SEWALL'S			INSPECTOR: 
6632	SCHPELENG	INSULATION	PASS	
2	110 ABBIE COURT O/B			INSPECTOR: 
TREE	DYER	TREE	PASS	AS MODIFIED
6	9 PINEAPPLE LA			INSPECTOR: 
6927	VANT BOSCH	FINAL FENCE	PASS	
9	36 S. RIVER O/B			INSPECTOR: 
6551	LANGER	INSULATION	PASS	
10	3 LOFTING WAY FLORIDA'S FINEST			INSPECTOR: 
7143	ALLMAN	FROTER	PASS	
8	106 S. RIVER O/B			INSPECTOR: 
7151	HARRIGAN	WALL	PASS	
11	2 PALMETTO DR WORRELL CONST.			INSPECTOR: 

OTHER: _____

7335

REMODEL

MASTER PERMIT NO. 7335

TOWN OF SEWALL'S POINT

Date 3/14/05

BUILDING PERMIT NO. 7335

Building to be erected for VANT BOSCH

Type of Permit KITCHEN REMODEL

Applied for by FLORIDA'S FINEST

(Contractor) Building Fee $\$35 \times \$9.60/1000 = 336.00$

Subdivision HILLCREST Lot 21 Block _____

Radon Fee _____

Address 36 S. RIVER RD

Impact Fee _____

Type of structure SFR

A/C Fee _____

Parcel Control Number:

Electrical Fee 35.00

0138410140000021020000

Plumbing Fee 35.00

Amount Paid 446.60 Check # _____ Cash _____

Roofing Fee _____

Total Construction Cost \$ 35,000

Other Fees (10% PLAN REVIEW) 40.60

TOTAL Fees 446.60

Signed [Signature]

Signed Gene Simmons (EAB)

Applicant

Town Building Official

PERMIT

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> BUILDING | <input checked="" type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input checked="" type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input type="checkbox"/> ADDITION |

INSPECTIONS

- | | | | |
|-----------------------------|-------|------------------------|-------|
| UNDERGROUND PLUMBING | _____ | UNDERGROUND GAS | _____ |
| UNDERGROUND MECHANICAL | _____ | UNDERGROUND ELECTRICAL | _____ |
| STEMWALL FOOTING | _____ | FOOTING | _____ |
| SLAB | _____ | TIE BEAM/COLUMNS | _____ |
| ROOF SHEATHING | _____ | WALL SHEATHING | _____ |
| TRUSS ENG/WINDOW/DOOR BUCKS | _____ | LATH | _____ |
| ROOF TIN TAG/METAL | _____ | ROOF-IN-PROGRESS | _____ |
| PLUMBING ROUGH-IN | _____ | ELECTRICAL ROUGH-IN | _____ |
| MECHANICAL ROUGH-IN | _____ | GAS ROUGH-IN | _____ |
| FRAMING | _____ | EARLY POWER RELEASE | _____ |
| FINAL PLUMBING | _____ | FINAL ELECTRICAL | _____ |
| FINAL MECHANICAL | _____ | FINAL GAS | _____ |
| FINAL ROOF | _____ | BUILDING FINAL | _____ |

MASTER PERMIT NO. 7335

TOWN OF SEWALL'S POINT

Date 2/28/05

BUILDING PERMIT NO. 7336

Building to be erected for VANT BOSCH Type of Permit SUB-ELECTRIC

Applied for by HALDANE ELECTRIC (Contractor) Building Fee _____

Subdivision HILL CREST Lot 21 Block _____ Radon Fee _____

Address 36 S. RIVER ROAD Impact Fee _____

Type of structure SFR A/C Fee _____

PRINT (Qual. NAME): THOMAS W. HALDANE Electrical Fee SEE

Parcel Control Number: EC 000 1346 Plumbing Fee PN 7335

0138410140000021020000 Roofing Fee _____

Amount Paid _____ Check # X Cash _____ Other Fees (_____) _____

Total Construction Cost \$ _____ TOTAL Fees _____

Signed [Signature] Applicant Signed [Signature] Town Building Official

PERMIT

- | | | |
|---|--|--|
| <input type="checkbox"/> BUILDING | <input checked="" type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input type="checkbox"/> ADDITION |

INSPECTIONS

- | | |
|-----------------------------------|------------------------------|
| UNDERGROUND PLUMBING _____ | UNDERGROUND GAS _____ |
| UNDERGROUND MECHANICAL _____ | UNDERGROUND ELECTRICAL _____ |
| STEMWALL FOOTING _____ | FOOTING _____ |
| SLAB _____ | TIE BEAM/COLUMNS _____ |
| ROOF SHEATHING _____ | WALL SHEATHING _____ |
| TRUSS ENG/WINDOW/DOOR BUCKS _____ | LATH _____ |
| ROOF TIN TAG/METAL _____ | ROOF-IN-PROGRESS _____ |
| PLUMBING ROUGH-IN _____ | ELECTRICAL ROUGH-IN _____ |
| MECHANICAL ROUGH-IN _____ | GAS ROUGH-IN _____ |
| FRAMING _____ | EARLY POWER RELEASE _____ |
| FINAL PLUMBING _____ | FINAL ELECTRICAL _____ |
| FINAL MECHANICAL _____ | FINAL GAS _____ |
| FINAL ROOF _____ | BUILDING FINAL _____ |

TOWN OF SEWALL'S POINT

Date 2/23/05

BUILDING PERMIT NO. 7337

Building to be erected for VANT BOSCH

Type of Permit SUB-PLUMBING

Applied for by DAVE'S PLUMBING (Contractor)

Building Fee _____

Subdivision HULLCREST Lot 21 Block _____

Radon Fee _____

Address 36 S. RIVER ROAD

Impact Fee _____

Type of structure SFC

A/C Fee SEE PN 7335

PRINT QUAL NAME: DAVID E. HUSNANDER

Electrical Fee _____

Parcel Control Number: S Lic #: CFC 051625

Plumbing Fee _____

0138410140000021020000

Roofing Fee _____

Amount Paid _____ Check # _____ Cash _____ Other Fees (_____)

Total Construction Cost \$ _____

TOTAL Fees _____

Signed David E. Husnander
Applicant

Signed Gene Simmons
Town Building Official

PERMIT

- | | | |
|--|--|--|
| <input type="checkbox"/> BUILDING | <input type="checkbox"/> ELECTRICAL | <input type="checkbox"/> MECHANICAL |
| <input checked="" type="checkbox"/> PLUMBING | <input type="checkbox"/> ROOFING | <input type="checkbox"/> POOL/SPA/DECK |
| <input type="checkbox"/> DOCK/BOAT LIFT | <input type="checkbox"/> DEMOLITION | <input type="checkbox"/> FENCE |
| <input type="checkbox"/> SCREEN ENCLOSURE | <input type="checkbox"/> TEMPORARY STRUCTURE | <input type="checkbox"/> GAS |
| <input type="checkbox"/> FILL | <input type="checkbox"/> HURRICANE SHUTTERS | <input type="checkbox"/> RENOVATION |
| <input type="checkbox"/> TREE REMOVAL | <input type="checkbox"/> STEMWALL | <input type="checkbox"/> ADDITION |

INSPECTIONS

- | | |
|-----------------------------------|------------------------------|
| UNDERGROUND PLUMBING _____ | UNDERGROUND GAS _____ |
| UNDERGROUND MECHANICAL _____ | UNDERGROUND ELECTRICAL _____ |
| STEMWALL FOOTING _____ | FOOTING _____ |
| SLAB _____ | TIE BEAM/COLUMNS _____ |
| ROOF SHEATHING _____ | WALL SHEATHING _____ |
| TRUSS ENG/WINDOW/DOOR BUCKS _____ | LATH _____ |
| ROOF TIN TAG/METAL _____ | ROOF-IN-PROGRESS _____ |
| PLUMBING ROUGH-IN _____ | ELECTRICAL ROUGH-IN _____ |
| MECHANICAL ROUGH-IN _____ | GAS ROUGH-IN _____ |
| FRAMING _____ | EARLY POWER RELEASE _____ |
| FINAL PLUMBING _____ | FINAL ELECTRICAL _____ |
| FINAL MECHANICAL _____ | FINAL GAS _____ |
| FINAL ROOF _____ | BUILDING FINAL _____ |

FEB 17 2005

Date: 2/14/05

Permit Number: 7325

Town of Sewall's Point
BUILDING PERMIT APPLICATION

OWNER/TITLEHOLDER NAME: Barend Doedens & Marjolein Van't Bosch Phone (Day) (Fax)

Job Site Address: 36 South River Road City: Stuart State: FL Zip: 34996

Legal Description of Property: Hillcrest, Lot 21 Parcel Number: 01-38-41-014-000-00210-2

Owner Address (if different): City: State: Zip:

Description of Work To Be Done: Kitchen Remodel

WILL OWNER BE THE CONTRACTOR?: Yes No (If no, fill out the Contractor & Subcontractor sections below)

CONTRACTOR/Company: Florida's Finest Construction Inc. Phone: (772) 288-1715 Fax: (772) 288-2126

Street: 3163 SE Lionel Terrace City: Stuart State: FL Zip: 34997

State Registration Number: State Certification Number: CBC047650 Martin County License Number:

COST AND VALUES: Estimated Cost of Construction or Improvements: \$35,000 (Notice of Commencement needed over \$2500)

SUBCONTRACTOR INFORMATION:

Electrical: Haldane Electric Inc. State: FL License Number: EC0001346

Mechanical: State: License Number:

Plumbing: Dave's Plumbing Inc. State: FL License Number: RF0038405

Roofing: State: License Number:

ARCHITECT Charles Toner Architect Phone Number: (561) 840-0337

Street: 1194 Old Dixie Hwy, Ste 8 City: Lake Park State: FL Zip: 33403

ENGINEER Phone Number:

Street: City: State: Zip:

AREA SQUARE FOOTAGE - SEWER - ELECTRIC Living: 448 Garage: Covered Patios: Screened Porch:

Carport: Total Under Roof Wood Deck: Accessory Building:

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, MECHANICAL, SIGNS, POOLS, WELLS, FURNACE, BOILERS, HEATERS, TANKS DOCKS, SEA WALLS, ACCESSORY BUILDING, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2001 National Electrical Code: 2002 Florida Energy Code: 2001 Florida Accessibility Code: 2001

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required)

State of Florida, County of: Martin

This the 10th day of February, 2005

by Marjolein Van't Bosch who is personally

known to me or produced

as identification.

My Commission Expires:

CONTRACTOR SIGNATURE (required)

On State of Florida, County of: Martin

This the 15th day of February, 2005

by who is personally

known to me or produced

As identification.

My Commission Expires:

ANN M. WALTZINGER Seal MY COMMISSIONS VALID 30 DAYS FROM APPROVAL NOTIFICATION - PLEASE PICK UP YOUR PERMIT PROMPTLY! EXPIRES: December 25, 2006 Bonded Thru Notary Public Underwriters

ANN M. WALTZINGER MY COMMISSION # DD 077696 EXPIRES: December 25, 2005 Bonded Thru Notary Public Underwriters

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
07/08/2004

PRODUCER (772)287-2030 FAX (772)288-2481
 Deakins-Carroll Insurance Agency
 www.deakinscarroll.com
 P.O. Box 1597
 Pt. Salerno, FL 34992

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED Florida's Finest Construction, Inc.
 2900 SE Waaler Street
 Stuart, FL 34997

INSURER A: Mid-Continent Casualty Co.
 INSURER B:
 INSURER C:
 INSURER D:
 INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	04GL000554810	07/11/2004	07/11/2005	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire) \$ 100,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ Excluded
					PERSONAL & ADV INJURY \$ 1,000,000
					GENERAL AGGREGATE \$ 2,000,000
					PRODUCTS - COMP/OP AGG \$ 2,000,000
					GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS				
	<input type="checkbox"/> NON-OWNED AUTOS				
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
					AUTO ONLY: AGG \$
	EXCESS LIABILITY				EACH OCCURRENCE \$
	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$
	<input type="checkbox"/> DEDUCTIBLE				\$
	<input type="checkbox"/> RETENTION \$				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS OTH-ER \$
					E.L. EACH ACCIDENT \$
					E.L. DISEASE - EA EMPLOYEE \$
					E.L. DISEASE - POLICY LIMIT \$
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER

ADDITIONAL INSURED; INSURER LETTER:

CANCELLATION

Sewall's Point, Town of
 1 South Sewall's Point Road
 Stuart, FL 32996

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT. BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

David Deakins/BLF



AC#1499630

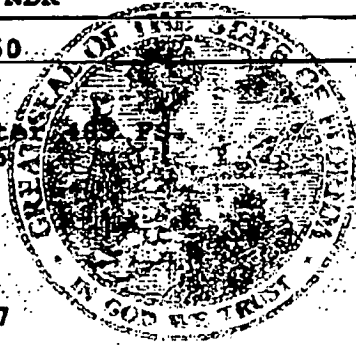
STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L04072101304

DATE	BATCH NUMBER	LICENSE NBR
07/21/2004	040074181	CBC047650

The BUILDING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 483, F.S.
Expiration date: AUG 31, 2006



KRAEMER, ROY PAUL
FLORIDAS FINEST CONSTRUCTION
2900 SE WAALER ST
STUART FL 34997

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

DIANE CARR
SECRETARY

2004-2005 MARTIN COUNTY ORIGINAL
COUNTY OCCUPATIONAL LICENSE

Larry C. O'Steen, Tax Collector, P.O. Box 9013, Stuart, FL 34995
(772) 298-5804

LICENSE# 1990-513-069 CERT CBC047650
PHONE (561)288-1715 SIC NO 233210

LOCATION:
2900 SE WAALER ST MAR

CHARACTER COUNTS IN MARTIN COUNTY

PREV. YR \$	<u>.00</u>	LIC. FEE \$	<u>25.00</u>
\$	<u>.00</u>	PENALTY \$	<u>0.00</u>
\$	<u>.00</u>	COL. FEE \$	<u>0.00</u>
\$	<u>.00</u>	TRANSFER \$	<u>0.00</u>
TOTAL			<u>25.00</u>



IS HEREBY LICENSED TO ENGAGE IN THE BUSINESS, PROFESSION OR OCCUPATION OF
OF **CERTIFIED BUILDING CONTRACTOR**

ROY PAUL
FINEST CONSTRUCTION
2900 SE WAALER ST
STUART, FL 34997

AT LOCATION LISTED FOR THE PERIOD BEGINNING ON THE

21 DAY OF SEPTEMBER
AND ENDING SEPTEMBER 2005

04 m 12 04092101 004691

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
12/14/04

PRODUCER
Kearns Agency of Florida, Inc.
P.O. Box 1849
Jensen Beach, FL 34958

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
Haldane Electric, Inc.
2133 SE Bryson Ave.
Port St. Lucie, FL 34952

INSURER A: **Auto-Owners Insurance**
INSURER B:
INSURER C:
INSURER D:
INSURER E:

COVERAGES


THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR	20506633	01-01-05	01-01-06	EACH OCCURRENCE	\$1,000,000
					FIRE DAMAGE (Any one fire)	\$ 100,000
					MED EXP (Any one person)	\$ 10,000
					PERSONAL & ADV INJURY	\$1,000,000
					GENERAL AGGREGATE	\$1,000,000
					PRODUCTS - COMP/OP AGG	\$1,000,000
					GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	95-434-642-00	01-01-05	01-01-06	COMBINED SINGLE LIMIT (Ea accident)	\$ 500,000
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	\$
					OTHER THAN AUTO ONLY: EA ACC	\$
					AGG	\$
	EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE	\$
					AGGREGATE	\$
						\$
						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS	OTHR
					E.L. EACH ACCIDENT	\$
					E.L. DISEASE - EA EMPLOYEE	\$
					E.L. DISEASE - POLICY LIMIT	\$
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Electrical Contractor - State of Florida

CERTIFICATE HOLDER
Town of Sewall's Point
1 So. Sewall's Point Rd.
Sewall's Point, FL 34996

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
AUTHORIZED REPRESENTATIVE
Lawrence E. Kearns 

Certificate of Insurance

This certificate is issued as a matter of information only and confers no rights upon the Certificate Holder other than those provided by this policy. This certificate does not amend, extend, or alter the coverage afforded by the policies described herein.

Named Insured(s):
 Gevity HR, Inc and its wholly owned subsidiaries including but not limited to Gevity HR, LP; Gevity HR II, LP; Gevity HR III, LP; Gevity HR IV, LP; Gevity HR V, LP; Gevity HR VI, LP; Gevity HR VII, LP; Gevity HR VIII, LP; Gevity HR IX, LP; Gevity HR X, LP; Gevity HR XI, LLC; Gevity HR XII Corp.
 600 301 Boulevard West
 Bradenton, Florida 34205

MARSH

Insurer Affording Coverage
 American Home Assurance Co.,
 Member of American International Group, Inc (AIG)

Coverages:

This is to certify that the policy(ies) of insurance described herein have been issued to the insured named herein for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which the Certificate may be issued or may pertain, the insurance afforded by the policy(ies) described herein is subject to all the terms, conditions and exclusions of such policy(ies). (Aggregate) Limits shown may have been reduced by paid claims.

Type of Insurance	Certificate Exp. Date	Policy Number	Limits				
Workers' Compensation	1-1-2005	RMWC0330470 RMWC0330468	Employers Liability				
			<table border="0"> <tr> <td>Bodily Injury By Accident</td> <td>Each Accident</td> </tr> <tr> <td>\$2,000,000</td> <td></td> </tr> </table>	Bodily Injury By Accident	Each Accident	\$2,000,000	
			Bodily Injury By Accident	Each Accident			
\$2,000,000							
<table border="0"> <tr> <td>Bodily Injury By Disease</td> <td>Policy Limit</td> </tr> <tr> <td>\$2,000,000</td> <td></td> </tr> </table>	Bodily Injury By Disease	Policy Limit	\$2,000,000				
Bodily Injury By Disease	Policy Limit						
\$2,000,000							
			<table border="0"> <tr> <td>Bodily Injury By Disease</td> <td>Each Person</td> </tr> <tr> <td>\$2,000,000</td> <td></td> </tr> </table>	Bodily Injury By Disease	Each Person	\$2,000,000	
Bodily Injury By Disease	Each Person						
\$2,000,000							

Other:
 Re: Jane Thompson 170 S Silver Rd, Stuart FL 34986

Employee Lessed To: **Effective Date:** 01-JAN-2005
 7885 Haldane Electric Inc

The above referenced workers' compensation policy(ies) provide(s) statutory benefits only to employees of the Named Insured(s) on such policy(ies), not to the employees of any other employer.

Notice of Cancellation: Should any of the policies described herein be cancelled before the expiration date thereof, the insurer affording coverage will endeavor to mail 30 days written notice to the certificate holder named herein, but failure to mail such notice shall impose no obligation or liability of any kind upon the insurer affording coverage, its agents or representatives.

Certificate Holder
 Town of Sewalls Point
 18 Sewalls Point
 Sewalls Point, FL 34898

Michael C. Weiss
 Michael C. Weiss
 Authorized Representative of Marsh USA Inc.
 (888)443-8400 06-JAN-2005
 Phone Date Issued



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ELECTRICAL CONTRACTORS LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

HALDANE, THOMAS W
HALDANE ELECTRIC INC
2133 S E BRYSON AVE
PORT ST LUCIE FL 34952

STATE OF FLORIDA AC# 1455907
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 EC0001346 06/18/04 030734221
 CERTIFIED ELECTRICAL CONTRACTOR
 HALDANE, THOMAS W
 HALDANE ELECTRIC INC
 IS CERTIFIED under the provisions of Ch. 489 FS.
 Expiration date: AUG 31, 2006 L04061801227

DETACH HERE

AC# 1455907

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

SEQ# L04061801227

DATE	BATCH NUMBER	LICENSE NBR
06/18/2004	030734221	EC0001346

The ELECTRICAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2006

HALDANE, THOMAS W
HALDANE ELECTRIC INC
2133 S E BRYSON AVE
PORT ST LUCIE FL 34952

JEB BUSH
GOVERNOR

DIANE CARR
SECRETARY

DISPLAY AS REQUIRED BY LAW

ACCOUNT 1731-00008298

EXPIRES SEP 30, 2005

2004-2005

ST. LUCIE COUNTY OCCUPATIONAL LICENSE
BOB DAVIS, CPA, CGFO, CFC, ST. LUCIE COUNTY TAX COLLECTOR

ACILITIES
OR
MACHINES
TYPE OF
BUSINESS
BUSINESS
LOCATION

ROOMS

SEATS

EMPLOYEES 21+

1731 ELECTRICAL CONTRACTOR

2130 SW Hayworth Avenue
City of Pt St Lucie

CO 2806

RENEWAL
NEW LICENSE
TRANSFER
ORIGINAL TAX 25.01

NAME
MAILING
ADDRESS

Thomas W Haldane
Haldane Electric Inc
Haldane, Thomas W
2130 SW Hayworth Avenue
Port St Lucie FL 34953

AMOUNT
PENALTY
COLLECTION COST
TOTAL 25.0

Please see back for additional information
PAID BOB DAVIS, TAX COLLECTOR PAID
MACH 10 21 8/9/04 1:10PM 00001723
2004 1731-00008298

0600 \$25.00
EX 000002500 000000000000 \$25.00
CHANGE 00.00 6

602004 000000000000 0000173100008298 0000 00000002500 000000000000

PRODUCER
FEDERATED MUTUAL INSURANCE COMPANY
302 Perimeter Center North
Atlanta, GA 30348
Phone: 770-390-3900
Home Office: Owatonna, MN 55060

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
DAVES PLUMBING INC
499 SE SEVILLE STREET
STUART FL 34994
141-263-4

COMPANIES AFFORDING COVERAGE

COMPANY A	FEDERATED MUTUAL INSURANCE COMPANY, OR FEDERATED SERVICE INSURANCE COMPANY
COMPANY B	
COMPANY C	
COMPANY D	

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT	9040854	04/01/04	04/01/05	GENERAL AGGREGATE \$ 2,000,000
					PRODUCTS - COMP/OP AGG \$ 2,000,000
					PERSONAL & ADV INJURY \$ 1,000,000
					EACH OCCURRENCE \$ 1,000,000
					FIRE DAMAGE (Any one fire) \$ 100,000
					MED EXP (Any one person) \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	9040854	04/01/04	04/01/05	COMBINED SINGLE LIMIT \$ 1,000,000
					BODILY INJURY (Per person) \$
					BODILY INJURY (Per accident) \$
					PROPERTY DAMAGE \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$
					OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL	9041337	04/01/04	04/01/05	<input checked="" type="checkbox"/> WC STATU- TORY LIMITS <input type="checkbox"/> OTH- ER
					EL EACH ACCIDENT \$ 500,000
					EL DISEASE - POLICY LIMIT \$ 500,000
	OTHER				EL DISEASE - EA EMPLOYEE \$ 500,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER
1412634
TOWN OF SEWALL POINT
1 SOUTH SEWALL POINT ROAD
SEWALL POINT FL 34996

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.
AUTHORIZED REPRESENTATIVE *[Signature]*
PRESIDENT

AC# 0953265

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L03062400606

DATE	BATCH NUMBER	LICENSE NBR
06/24/2003	200487280	RF0038405

The PLUMBING CONTRACTOR
 Named below HAS REGISTERED
 Under the provisions of Chapter 489 FS.
 Expiration date: AUG 31, 2005
 (INDIVIDUAL MUST MEET ALL LOCAL LICENSING
 REQUIREMENTS PRIOR TO CONTRACTING IN ANY AREA)

HUSANDER, DAVID E
 DAVE'S PLUMBING INC
 499 SE SEVILLE ST
 STUART

FL 34994-4449

JEB BUSH
GOVERNOR

DIANE CARR
SECRETARY

DISPLAY AS REQUIRED BY LAW

AC# 0450009

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L02061001012

DATE	BATCH NUMBER	LICENSE NBR
06/10/2002	011127653	CFC051625

The PLUMBING CONTRACTOR
 Named below IS CERTIFIED
 Under the provisions of Chapter 489 FS.
 Expiration date: AUG 31, 2004

HUSNANDER, DAVID E JR
 DAVE'S PLUMBING INC
 499 SE SEVILLE ST
 STUART

FL 34994-4449

JEB BUSH
GOVERNOR

KIM BINKLEY-SEYER
SECRETARY

DISPLAY AS REQUIRED BY LAW

RECEIVED
 BY: [Signature]
 OCT 09 2003

If you have any questions relating to the information in this letter , please contact the Martin County Contractor's Licensing Division of the Martin County Building Department.

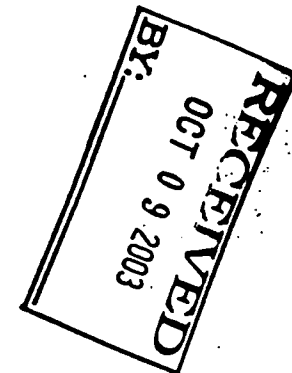


**MARTIN COUNTY, FLORIDA
Construction Industry Licensing Board
Certificate of Competency**

MASTER PLUMBER

License Number MP00030 Expires: 30-SEP-05.

HUSNANDER, DAVE
DAVE'S PLUMBING INC
499 SE SEVILLE ST
STUART, FL 34994



PERMIT # _____ TAX FOLIO # 01-38-41-014-000-00210-2

NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF MARTIN

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.

LEGAL DESCRIPTION OF PROPERTY (INCLUDE STREET ADDRESS, IF AVAILABLE):

Hillcrest, Lot 21 36 South River Road, Sewall's Point

GENERAL DESCRIPTION OF IMPROVEMENT: Kitchen Remodel

OWNER: Bareld Doedens & Marjolein Van't Bosch

ADDRESS: 36 South River Road, Stuart, FL 34996

PHONE #: (772) 781-4131 **FAX #:** _____

CONTRACTOR: Florida's Finest Construction Inc.

ADDRESS: 3163 SE Lionel Terrace Stuart, FL 34997

PHONE #: (772) 288-1715 **FAX #:** (772) 288-2126

SURETY COMPANY (IF ANY): _____

ADDRESS: STATE OF FLORIDA
MARTIN COUNTY

PHONE #: THIS IS TO CERTIFY THAT THE FOREGOING 1 PAGES IS A TRUE AND CORRECT COPY OF THE ORIGINAL.

BOND AMOUNT: _____

LENDER BY: [Signature] D.C.
DATE: 2-17-05

ADDRESS: _____

PHONE #: _____ **FAX #:** _____

PERSONS WITHIN THE STATE OF FLORIDA DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED AS PROVIDED BY SECTION 713.13(1)(A)7., FLORIDA STATUTES:

NAME: _____

ADDRESS: _____

PHONE #: _____ **FAX #:** _____

IN ADDITION TO HIMSELF, OWNER DESIGNATES _____

OF _____ TO RECEIVE A COPY OF THE LIENOR'S NOTICE AS PROVIDED IN SECTION 713.13(1)(B), FLORIDA STATUTES.

PHONE #: _____ **FAX #:** _____

EXPIRATION DATE OF NOTICE OF COMMENCEMENT: _____
THE EXPIRATION DATE IS ON (1) YEAR FROM THE DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED ABOVE.

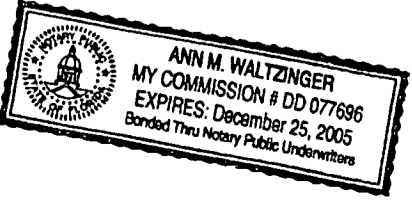
SIGNATURE OF OWNER: [Signature]

SWORN TO AND SUBSCRIBED BEFORE ME THIS 16th DAY OF February

2005 BY Marjolein Van't Bosch WHO IS PERSONALLY KNOWN TO ME OR

PRODUCED _____ AS IDENTIFICATION.

[Signature]
NOTARY PUBLIC



INSTR # 1815435
OR BK 01983 PG 1232
RECORDED 02/17/2005 12:18:18 PM
MARSHA EWING
CLERK OF MARTIN COUNTY FLORIDA
RECORDED BY S Phoenix



TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 9/28, 2005 Page 1 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
6413	POWERS	FINAL ADDN/REN	FAIL	
1	70 S. SEWALL'S PT FLORIDA'S FINEST			INSPECTOR: <i>OM</i>
7335	WANT BOSCH	FINAL KITCHEN REMODEL	PASS	CLOSE
3	36 S. RIVER RD FLORIDA'S FINEST			INSPECTOR: <i>OM</i>
6746	POWERS	FINAL RETAINING WALL	PASS	CLOSE
1	70 S. SEWALL'S PT FLORIDA'S FINEST			INSPECTOR: <i>OM</i>
6821	POWERS	FINAL GAS	PASS	CLOSE
1	70 S. SEWALL'S PT FERRELL GAS			INSPECTOR: <i>OM</i>
7221	CLEMENTS	CAP	PASS	
8	11 W. HIGH PT RD WILCO CONST	(LATE PLEASE)		INSPECTOR: <i>OM</i>
7772	WEBER	FINAL ROOF	PASS	CLOSE
4	12 RIDGELAND MARZO			INSPECTOR: <i>OM</i>
7784	SERAFINI	WEATHING DETTS	PASS	
9	21 N. VIA LUCINDIA TRADEWINDS ROOFING	11:00 - 11:30		INSPECTOR: <i>OM</i>
OTHER:	O'KEEFE CODE ENF. 29 FIELDWAY			

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 4/8, 2005 Page 2 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7062	DEESSER	Final Door Frame	 	SCHEDULE FOR MONDAY
11	87 S. RIVER RD D/B			INSPECTOR: <u> </u>
6534	DEESSER	Dem Residence	 	SCHEDULE FOR MONDAY
11	87 S. RIVER RD HARBOR COURSE			INSPECTOR: <u> </u>
7323	VANT BOSH	COURTESY INSP	 	
16	36 S. RIVER RD FLORIDA'S FINEST	STRUCTURAL PLUMBING RELATED ISSUE		INSPECTOR: <u> </u>
	VILLAR	COURTESY INSP.	DONE	
19	92 N. SEWALL'S PT	HURRICANE DAMAGE ASSESSMENT FOR PLANS REQUIR. COMMENTS		INSPECTOR: <u> </u>
7428	BOUCHER	DRY-IN	FAIL	
3	21 MIDDLE RD ED DENNIS CONST			INSPECTOR: <u> </u>
7427	HOLLY	DRY-IN	 	will Reschedule
	41 S. RIVER RD ED DENNIS CONST.			INSPECTOR: <u> </u>
7388	MULLIGAN	FINAL FENCE		RESCHEDULE MONDAY
18	20 FIELDWAY O/B			INSPECTOR: <u> </u>

OTHER:



7335

TOWN OF SEWALL'S POINT

One South Sewall's Point Road
Sewall's Point, Florida 34996
(772) 287-2455

CORRECTION NOTICE


ADDRESS: 36 S. RIVER

I have this day inspected this structure and these premises and have found the following violations of the City, County, and/or State laws governing same

- A/C ROUGH PASSED
- ELEC. ROUGH
- PLG. ROUGH PASSED
- CAP OFF ABANDONED WASTE @ SINK,
- MUD HOLES
- SEPARATE ROMEX @ EXHAUST DUCT
- SECURE ROMEX WITHIN 12" J. BOX
- ADDITIONAL FURRING & BOX OUT,
- ENBR. LTR ADDRESSING CRACK
- IN TIE BM & HOLE IN T.B
- & COL. ON NORTH WALL

You are hereby notified that no work shall be concealed upon these premises until the above violations are corrected. When corrections have been made, call for an inspection.

DATE: 4/18



INSPECTOR

DO NOT REMOVE THIS TAG

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 4/18, 2005 Page 2 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7328	SCHMADER	PREPOUR SLAB	FAIL	
2	102 HENRY SEWALL CONWAY		PASS FEE PAID	\$40 FEE INSPECTOR: <i>[Signature]</i>
7482	MCALPIN	PAVER WALKWAY	PASS	CLOSE
3	5 PINEAPPLE LA US BRICK & BLOCK			INSPECTOR: <i>[Signature]</i>
7335	MCALPIN VAN BOSCH	MECH	PASS	
4	36 S. RIVER RD FIRST FLORIDA	PLUMBING PLUMBING	PASS FAIL	INSPECTOR: <i>[Signature]</i>
7084	MAUD	DOCK REPAIR FIRM		CANCEL
	ZIN RIVER RD OB			INSPECTOR:
71	HONETAN	TREE	PASS	
	7 COPAIRE			INSPECTOR:
	MCALPIN	TREE	PASS	
	5 PINEAPPLE			INSPECTOR: <i>[Signature]</i>
	24 SIMARA			TALKED w/ OWNER ABOUT FENCE INSPECTOR: <i>[Signature]</i>
OTHER: 7209	MOSCATELLO 6 PINEAPPLE EVEN 69	DRY-IN	PASS	<i>[Signature]</i>

"Visual Inspection Report"

Date: April 22, 2005
Client: Ann vant Bosch
36 River Rd
Sewall's Pt, Florida 34996

Referenced Project: Bosch Residence
36 River Rd, Sewall's Pt, FL 34996

Revisior 7335
FILE COPY
TOWN OF SEWALL'S POINT
THESE PLANS HAVE BEEN
REVIEWED FOR CODE COMPLIANCE

DATE: 5/18/05
[Signature]

BUILDING OFFICIAL
Gene Simmons

Background:

On April 21st, 2004, Florida's Finest Construction requested Mathers Engineering Corporation to do the inspection of a concrete beam over a door opening on the interior of the house. Present at the site were Robert Smith, EI, Don (Florida's Finest Contractor), and Ann Vant Bosch (homeowner). Visual Inspection of the concrete beam was done after exterior had been removed.

Site Inspection:

Concrete Beam Above Doorway:

- After removal of the exterior, the visually observed cracking in the concrete appeared as a hairline that was on both faces. The bottom areas of the beam have a hairline crack as well. The hairline cracks appear to be vertical and directly opposite from each other.
- The hairline cracking appears to be through the entire beam cross-section.
- No perceptible elevation differences between the sides of the hairline crack faces were detected.
- Because of the above observation it is my opinion that the observed cracking is a "restraint" crack. This type of crack is formed by the concrete being restrained against shrinkage by such items as the steel reinforcement, masonry wall reinforced cells, etc... These form later in the concrete curing process normally after 3 to 4 months. After forming, they substantially remain dormant.



MATHERS ENGINEERING
CORPORATION

Evaluation:

2431 SE Dixie Highway
Stuart, FL 34996
Phone: (772) 287-0525
Fax: (772) 220-8686

It is my opinion based on the visual inspection and above comments that the observed concrete cracking does not substantially effect the structural integrity of the associated member in which it occurs.

Routine maintenance to provide moisture protection, etc. is required for this material and type of construction to extend its useful service life.

Limitations:

Our professional services have been performed, our findings obtained and our opinions prepared in accordance with general accepted engineering principles and practices. This company is not responsible for the conclusions, opinions or recommendations made by others based on our findings.

Approved by:

Date: 4/22/05

William J. Mathers
Florida License #19658



2431 SE Dixie Highway
Stuart, FL 34996
Phone: (772) 287-0525
Fax: (772) 220-8686
Email: mathers@fdn.com

April 22, 2005

Town of Sewall's Point
Building Dept.
Sewall's Pt., Fl 34996

RE: Bosch Residence
36 River Rd, Sewalls Point, FL 34996
Relocate 3" PVC plumbing pipe within the 4" stud Wall

Dear Sir or Madam:

The 2 x 4 existing wood stud wall has studs @ 16" o.c. In order to move the 3" PVC pipe along the wall, the contractor will have to modify the 2 x 4 wall stud holding the trusses above by the addition of a 6000 lb jack stud with a steel top plate PL 3.5" x 14" x 1/2" that is anchored into the 2 x 4 top plates with (2) 3/8" red heads 2" long. Straps will be added to the sides of the plates in order to tie in both sides of the 2 x 4 top plate.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. J. Mathers', written over a horizontal line.

William J. Mathers, PE

A handwritten signature in black ink, appearing to read 'W. J. Mathers', written over a horizontal line. Below the signature is the date '4/22/05'.



2431 SE Dixie Highway
Stuart, FL 34996
Phone: (772) 287-0525
Fax: (772) 220-8686
Email: mathers@fdn.com

April 22, 2005

Town of Sewall's Point
Building Dept.
Sewall's Pt., Fl 34996

RE: Bosch Residence
36 River Rd, Sewalls Point, FL 34996
Relocate 3" PVC plumbing pipe within the 4" stud Wall

Dear Sir or Madam:

The 12" deep poured concrete tie beam can be cored above the bottom steel and below the top steel to run a 6" pvc pipe through the tie beam. The tie beam will maintain its required integrity between the poured and open cells of the block wall beneath it.

Sincerely,

A handwritten signature in black ink, appearing to read 'William J. Mathers', written in a cursive style.

William J. Mathers, PE

A handwritten signature in black ink, appearing to read 'William J. Mathers', written in a cursive style. Below the signature, the date '4/22/05' is written in a simple, handwritten font.

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 4/22, 2002 Page 1 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7260	TROUWO	TED'S SHED	PASS	CLOSE
5	3 PALM ROAD O/B	FINAL		INSPECTOR:
7449	FERRARO	ROUGH ELEC	PASS	
7	4 KINGSTON CT ARLINGTON ELEC			INSPECTOR:
7486	TRUITT	A/C CHANGEOUT	FAIL	
14	39 S. RIVER RD. FLYNN'S AC			INSPECTOR:
7335	WANT BOSCH	ELEC	PASS	
13	36 S. RIVER RD FLORIDA'S FINEST	FRAMING	PASS	INSPECTOR:
7278	LASKY	FINAL RET WALK	PASS	CLOSE
3	27 W. HIGH POINT WILCO CONST			INSPECTOR:
7481	MILLARD	A/C CHANGEOUT	FAIL	
18	5 INDIA LUCIE PL O/B			INSPECTOR:
7429	LAMB	FINAL ROOF	FAIL	
9	110 S. SEWALL ST TUTTLE ROOFING			INSPECTOR:

OTHER: _____

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 4/25, 2008 Page 1 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7195	THOMPSON	INSULATION	PASS	
2	179 S. RIVER RD FLORIDA'S FINEST			INSPECTOR: <i>[Signature]</i>
7395	VANIT BOSE	INSULATION	PASS	
8	365 LINDA ROAD FLORIDA'S FINEST			INSPECTOR: <i>[Signature]</i>
6749	NAUDIN	FOAMBOARD	PASS	
7	19 N. RIDGEVIEW O/B			INSPECTOR: <i>[Signature]</i>
7126	HEMMERS	DRY-IN	FAIL	
9	4 PALMETTO DR O/B			INSPECTOR: <i>[Signature]</i>
7453	SAUL	FINAL FENCE	PASS	CLOSE
4	107 S. RIVER RD O/B			INSPECTOR: <i>[Signature]</i>
7348	MCCARTHY	FINAL ROOF	PASS	CLOSE
3	3 KINGSTON CT SMART ROOFING			INSPECTOR: <i>[Signature]</i>
6863	Johnston	final SFR Bldg	PASS	CLOSE (see attached for other inspections)
1	34 W High Point Masterpiece Bldrs			INSPECTOR: <i>[Signature]</i>

OTHER: 3 RIVERVIEW FENCE TOO TIGHT? 6' MAX.
[Signature]

7494

GAS

TANK & LINES

MASTER PERMIT NO. _____

TOWN OF SEWALL'S POINT

Date 4/19/05

BUILDING PERMIT NO. 7494

Building to be erected for 36 S. River Road

Type of Permit Gas tank w/lines

Applied for by Propane Discounters (Contractor)

Building Fee _____

Subdivision _____ Lot 21 Block _____

Radon Fee _____

Address 36 S. River Road

Impact Fee _____

Type of structure SFR

A/C Fee _____

Parcel Control Number:

1384101400002020000

Electrical Fee _____

Plumbing Fee _____

Roofing Fee _____

Amount Paid 3500 Check # 1533 Cash _____

Other Fees (_____) 3500

Total Construction Cost \$ 800⁰⁰

TOTAL Fees 3500

Signed [Signature]
Applicant

Signed [Signature] (P)
Town Building Official

PERMIT

- BUILDING
- PLUMBING
- DOCK/BOAT LIFT
- SCREEN ENCLOSURE
- FILL
- TREE REMOVAL

- ELECTRICAL
- ROOFING
- DEMOLITION
- TEMPORARY STRUCTURE
- HURRICANE SHUTTERS
- STEMWALL

- MECHANICAL
- POOL/SPA/DECK
- FENCE
- GAS
- RENOVATION
- ADDITION

INSPECTIONS

- UNDERGROUND PLUMBING _____
- UNDERGROUND MECHANICAL _____
- STEMWALL FOOTING _____
- SLAB _____
- ROOF SHEATHING _____
- TRUSS ENG/WINDOW/DOOR BUCKS _____
- ROOF TIN TAG/METAL _____
- PLUMBING ROUGH-IN _____
- MECHANICAL ROUGH-IN _____
- FRAMING _____
- FINAL PLUMBING _____
- FINAL MECHANICAL _____
- FINAL ROOF _____

- UNDERGROUND GAS _____
- UNDERGROUND ELECTRICAL _____
- FOOTING _____
- TIE BEAM/COLUMNS _____
- WALL SHEATHING _____
- LATH _____
- ROOF-IN-PROGRESS _____
- ELECTRICAL ROUGH-IN _____
- GAS ROUGH-IN _____
- EARLY POWER RELEASE _____
- FINAL ELECTRICAL _____
- FINAL GAS _____
- BUILDING FINAL _____

APR 14 2005

Date: BY: 4-14-05

Permit Number: _____

Town of Sewall's Point BUILDING PERMIT APPLICATION

OWNER/TITLEHOLDER NAME: MARJOLEIN VAN BOSCH Phone (Day) 781-4131 (Fax) _____

Job Site Address: 36.5 River Rd City: _____ State: _____ Zip: _____

Legal Desc. Property (Subd/Lot/Block) _____ Parcel Number: _____

Owner Address (if different): _____ City: _____ State: _____ Zip: _____

Description of Work To Be Done: INSTALL 60 GALLON AB TANK & LINE TO STOVE

WILL OWNER BE THE CONTRACTOR? Yes No (If no, fill out the Contractor & Subcontractor sections below)

CONTRACTOR/Company: Prepave Discounters Phone: 225-7980 Fax: 225-7340

Street: 1108 Injustice Blvd City: JB State: FL Zip: 341937

State Registration Number: 1554 State Certification Number: 1554 Martin County License Number: 2004-320

COST AND VALUES: Estimated Cost of Construction or Improvements: \$ 800.00 (Notice of Commencement needed over \$2500)

SUBCONTRACTOR INFORMATION:

Electrical: _____ State: _____ License Number: _____

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

ARCHITECT _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE - SEWER - ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ Screened Porch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, MECHANICAL, SIGNS, POOLS, WELLS, FURNACE, BOILERS, HEATERS, TANKS DOCKS, SEA WALLS, ACCESSORY BUILDING, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2001
National Electrical Code: 2002 Florida Energy Code: 2001 Florida Accessibility Code: 2001

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required) _____

State of Florida, County of: MARTIN

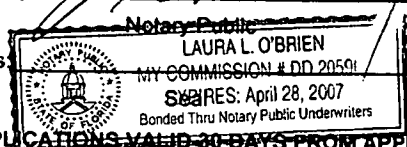
This the 19th day of APRIL, 2005

by MARJOLEIN VAN BOSCH who is personally

known to me or produced

as identification _____

My Commission Expires: _____



CONTRACTOR SIGNATURE (required) _____

On State of Florida, County of: MARTIN

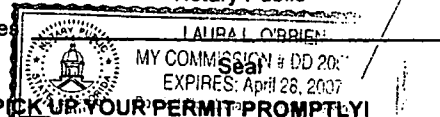
This the 14th day of APRIL, 2005

by JANCE SMITH who is personally

known to me or produced

As identification _____

My Commission Expires: _____



PERMIT APPLICATIONS VALID 30 DAYS FROM APPROVAL NOTIFICATION - PLEASE PICK UP YOUR PERMIT PROMPTLY!

PRODUCER MORRIS & REYNOLDS INSURANCE 14821 South Dixie Highway MIAMI FL 33176-7928 Phone: 305-238-1000 Fax: 305-255-9643	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.												
INSURED Propane Discounters, L.C. Mr. Jayce Smith 1108 NE Industrial Blvd Jensen Beach FL 34957	<table border="1"> <tr> <th>INSURERS AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: St. Paul Fire and Marine InsCo</td> <td>24767</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> </table>	INSURERS AFFORDING COVERAGE	NAIC #	INSURER A: St. Paul Fire and Marine InsCo	24767	INSURER B:		INSURER C:		INSURER D:		INSURER E:	
INSURERS AFFORDING COVERAGE	NAIC #												
INSURER A: St. Paul Fire and Marine InsCo	24767												
INSURER B:													
INSURER C:													
INSURER D:													
INSURER E:													

COVERAGES

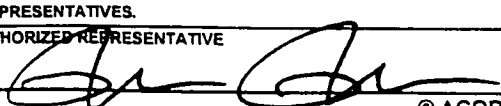
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY	CK00217230	11/14/04	11/14/05	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)	\$ 5,000
					PERSONAL & ADV INJURY	\$ 1,000,000
					GENERAL AGGREGATE	\$ 2,000,000
					PRODUCTS - COMP/OP AGG	\$ 2,000,000
					GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	
A	AUTOMOBILE LIABILITY	CK00217230	11/14/04	11/14/05	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	<input checked="" type="checkbox"/> HIRED AUTOS				PROPERTY DAMAGE (Per accident)	\$
	<input checked="" type="checkbox"/> NON-OWNED AUTOS					
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
	<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	\$
					AGG	\$
	EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	\$
	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE	\$
	<input type="checkbox"/> DEDUCTIBLE					\$
	<input type="checkbox"/> RETENTION \$					\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS	OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				E.L. EACH ACCIDENT	\$
					E.L. DISEASE - EA EMPLOYEE	\$
					E.L. DISEASE - POLICY LIMIT	\$
A	Property Section Special Form	CK00217230 REPLACEMENT COST	11/14/04	11/14/05	Contents	10,000
					Backhoe	5,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

CANCELLATION

TOWNSEW Town of Sewall's Pointe Laura 1 S Sewall's Pointe Road S Sewall's Pointe FL 34996	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 
---	--



POST LICENSE
CONSPICUOUSLY

State of Florida
Department of Agriculture and Consumer Services

Division of Standards
Bureau of Liquefied Petroleum Gas
(850) 921-8001
Tallahassee, Florida

License Number: 15540
Expiration Date: August 31, 2005
Date of Issue: September 1, 2004
License Fee: \$425.00
Type and Class: 0601

Liquefied Petroleum Gas License
CATEGORY I LP GAS DEALER

GOOD FOR ONE LOCATION

This license is issued under authority of Section 527.02, Florida Statutes, to:

PROPANE DISCOUNTERS, L.C.
739 NE DIXIE HWY
JENSEN BEACH, FL 34957-6105

Charles H. Bronson
CHARLES H. BRONSON
COMMISSIONER OF AGRICULTURE



State of Florida
Department of Agriculture and Consumer Services

Division of Standards
Bureau of Liquefied Petroleum Gas
(850) 921-8001
Tallahassee, Florida

Certificate No: 13389
Exam Date: September 24, 1989
Issue Date: August 4, 2003
Expiration Date: August 4, 2006
Exam: 0601

MASTER QUALIFIER CERTIFICATE

This Certificate is issued under authority of Section 527.02, Florida Statutes, to:

JAYCE SMITH

Valid For
License Number: 15540
PROPANE DISCOUNTERS, L.C.
739 NE DIXIE HWY
JENSEN BEACH, FL 34957-6105

Charles H. Bronson
CHARLES H. BRONSON
COMMISSIONER OF AGRICULTURE

2004-2005 MARTIN COUNTY ORIGINAL
COUNTY OCCUPATIONAL LICENSE

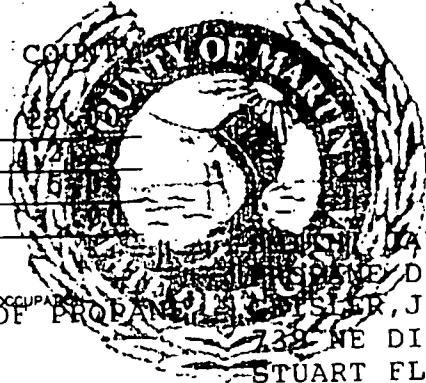
Larry C. O'Steen, Tax Collector, P.O. Box 9013, Stuart, FL 34995
(772) 288-5804

LICENSE 2004-320-006 CERT _____
PHONE (772) 225-7980 SIC NO 422710

LOCATION:
739 NE DIXIE HWY STU

CHARACTER COUNTS IN MARTIN COUNTY

PREV. YR. \$	<u> .00</u>	LIC. FEE \$	_____
\$	<u> .00</u>	PENALTY \$	_____
\$	<u> .00</u>	COL. FEE \$	_____
\$	<u> .00</u>	TRANSFER \$	<u> 32.50</u>
TOTAL		_____	



IS HEREBY LICENSED TO ENGAGE IN THE BUSINESS, PROFESSION OR OCCUPATION OF
WHOLESALE DISTRIBUTION OF PROPANE GAS BY
AT LOCATION LISTED FOR THE PERIOD BEGINNING ON THE
22 DAY OF OCTOBER 2004
AND ENDING SEPTEMBER 30, 2005

DAYCE A
PROPANE DISCOUNTERS L.C
J.D
739 NE DIXIE HWY
STUART FL 34997

RECEIPT OF PAYMENT

6818 1
LARRY C. O'STEEN
99 18/22/2004 UCCI MOROVAL
2004320006665808
\$32.58
8220041822001201CX



Employer Detail Page

PROPANE DISCOUNTERS L C					
739 NE DIXIE HWY					
JENSEN BEACH					
FL		34957-4957		Martin	
LIMITED LIABILITY CO.					

JAYCE SMITH	ME	Jan 14 2004	Aug 18 2005	Construction
JAYCE SMITH	ME	Aug 19 2003	Dec 31 2003	Construction
JOHN C MICHEL	VP	Aug 19 2003	Dec 31 2003	Construction
JAMES D GEISLER	ME	Jan 14 2004	Aug 18 2005	Construction
JAMES D GEISLER	ME	Aug 19 2003	Dec 31 2003	Construction



TOM GALLAGHER
CHIEF FINANCIAL OFFICER

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

CE

**** RE-ISSUANCE OF CONSTRUCTION INDUSTRY CERTIFICATE OF EXEMPTION ****

This certificate exempts the Officer of the Corporation of the Member of the Limited Liability Company listed below from the provision of Florida Workers' Compensation Law for the period indicated below.

EFFECTIVE DATE: 01/14/2004 EXPIRATION DATE: 08/18/2005

CORPORATE OFFICER/
LLC MEMBER NAME: GEISLER JAMES D

FEIN: 050570266

BUSINESS NAME AND ADDRESS: PROPANE DISCOUNTERS L C
739 NE DIXIE HWY
JENSEN BEACH FL 34957

RE-ISSUANCE

SCOPE OF BUSINESS OR TRADE: GAS MAIN / METER INSTALLATION

IMPORTANT: Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter.

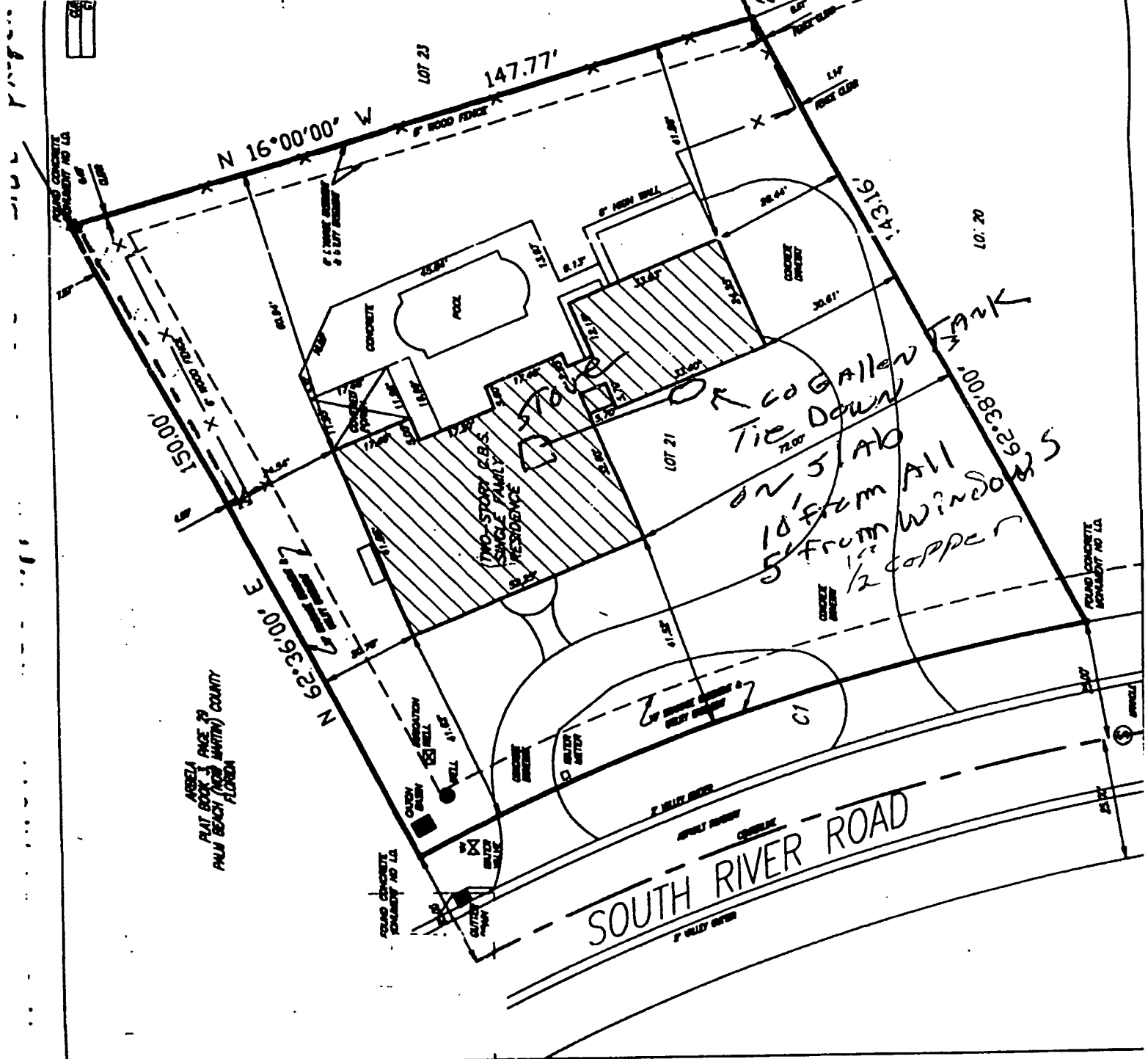
QUESTIONS? (850) 488-2333

FC-253 RE-ISSUANCE OF CONSTRUCTION INDUSTRY CERTIFICATE OF EXEMPTION REVISED 11-03

Please cut out the card below and retain for inspection by any Department of Financial Services representative while conducting work.

<p>STATE OF FLORIDA DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION</p> <p>** RE-ISSUANCE OF CONSTRUCTION INDUSTRY CERTIFICATE OF EXEMPTION **</p> <p>This certificate exempts the Officer of the Corporation listed below from the provision of Florida Workers' Compensation Law for the period indicated below.</p> <p>EFFECTIVE DATE: 01/14/2004 EXPIRATION DATE: 08/18/2005 CORPORATE OFFICER/ LLC MEMBER NAME: GEISLER JAMES FEIN: 050570266 BUSINESS NAME AND ADDRESS: PROPANE DISCOUNTERS L C 739 NE DIXIE HWY JENSEN BEACH FL 34957 SCOPE OF BUSINESS OR TRADE: GAS MAIN / METER INSTALLATION</p>	<p>IMPORTANT</p> <p>F This certificate applies only to the corporate officer named on this certificate and applies only within the scope of the business or trade listed hereon.</p> <p>O</p> <p>L A copy of this card or the duplicate above must be carried and available for inspection at all time while conducting any construction work.</p> <p>D</p> <p>H Pursuant to chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter.</p> <p>E</p> <p>R Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.</p> <p>E</p> <p>QUESTIONS? (850) 488-2333</p>
--	--

CUT HERE



FILE COPY
 TOWN OF SEWALL'S POINT
 THESE PLANS HAVE BEEN
 REVIEWED FOR CODE COMPLIANCE
 DATE: 4/18/05

 BUILDING OFFICIAL
 Gene Simmons



TOWN OF SEWALL'S POINT

One South Sewall's Point Road
Sewall's Point, Florida 34996
(772) 287-2455

7494

CORRECTION NOTICE

ADDRESS: 36 S. RIVER RD.

I have this day inspected this structure and these premises and have found the following violations of the City, County, and/or State laws governing same.

GAS TANK & LINES

TANK IS SUPPORTED BY
CONC. BLOCK AT ITS WEAKEST
POINT - A POOR
ALTERNATIVE TO A CONC
SLAB AS INDICATED ON
APPROVED GAS PERMIT

You are hereby notified that no work shall be concealed upon these premises until the above violations are corrected. When corrections have been made, call for an inspection.

DATE: 4/22

OK

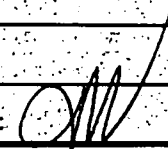
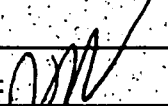
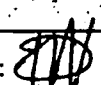
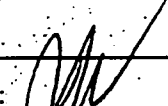
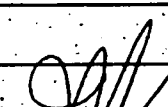
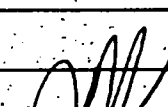
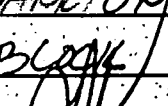
INSPECTOR

DO NOT REMOVE THIS TAG

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 4/22, 20015 Page 3 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
Tree	FENSTERER	TREE	PASS	
10	71 S. SEWALLS PT			INSPECTOR: 
6965	FENSTERER	STRAPPING	PASS	
10	71 S. SEWALL'S OIB			INSPECTOR: 
7428	BOUCHER	FINAL ROOF	PASS	CLOSE
1	21 MIDDLE RD DENNIS CONS			INSPECTOR: 
7446	BURKE	FINAL ROOF	PASS	CLOSE
16	7 MIRAMAR RD CODE RED ROOFERS			INSPECTOR: 
Tree	DIMITRIU	TREE	PASS	
17	6 BANYAN DR			INSPECTOR: 
7496	MACKAM	DRY-IN	FAIL	
11	19 S. VIALUCINDA FLORIDA PERROFF			INSPECTOR: 
7494	VAN BOSCH	CASTANER LINES	FAIL	TANK ON
12	36 S. RIVER RD PROPANE DISCOUNTERS			CMU BLOCK INSPECTOR: 

OTHER: _____

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri May 6, 2002 Page of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
6544	Lancaster	Final Meter	—	WILL RECHECK
3	Lot 2 Pineapple Lane			INSPECTOR:
	Masterpiece Bldrs			
7320	Beattie	Final Roof	PASS	CLOSE
8	4 Admiral's Walk			INSPECTOR:
	Stuart Roofing			
7527	Gawl	Rough Tank	PASS	
5	107 S. River Rd	+ Line		INSPECTOR:
	Martin County Propane			
7527	Van Housch	Gas Tank Lines	PASS	
11	36 S River Rd	Rough Tank		INSPECTOR:
	Propane Disc	Gas Tank Lines		
7516	Ferraro	Gas Tank Lines	PASS	Re-inspection (re-check)?
4	4 Kingston Court	Rough	PASS	INSPECTOR:
	Gulick			
7449	Ferraro	Framing Insp	FAIL	
4	4 Kingston Court			INSPECTOR:
	Gulick			
7378	Schmidt	Window - final	PASS	CLOSE
10	15 Heritage Way			INSPECTOR:
	O/B			

OTHER: _____



TOWN OF SEWALL'S POINT

One South Sewall's Point Road
Sewall's Point, Florida 34996
(772) 287-2455

CORRECTION NOTICE

ADDRESS: 36 S RIVER

I have this day inspected this structure and these premises and have found the following violations of the City, County, and/or State laws governing same.

FINAL GAS

NO PERMIT POSTED

\$40 FEE

You are hereby notified that no work shall be concealed upon these premises until the above violations are corrected. When corrections have been made, call for an inspection.

DATE: 9/2


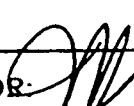



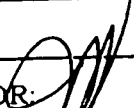
[Signature]
INSPECTOR

DO NOT REMOVE THIS TAG

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 9/2, 2005 Page 1 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
6719	DONAHUE	FINAL SFR		
11	163 S. SEWALL HALL SAMMONS	LAST PLEASE		INSPECTOR:
7494	VAN'T BOSCH	FINAL GAS TANK + LINES	FAIL	
7	36 S. RIVER ROAD PROPANE DISCOUNTERS			INSPECTOR: 
7116	JENKINS	FINAL CHIMNEY	PASS	
6	4 SABAL COURT O/B (OFF RIDGE LANE)	SDING REPAIR		INSPECTOR: 
7643	MERRILL	LATH	PASS	
10	24 FIELDWAY O/B			INSPECTOR: 
7750	COOPER	INGR TANK	PASS	
2	33 W. HIGHT PT DELTA PETROLEUM			INSPECTOR: 
7734	CRANE	DRY-IN	FAIL	CANCEL \$40 FEE
3	2 TIMOR ST. PACIFIC ROOFING			INSPECTOR: 
Tree	MORALES	TREE	PASS	
5	10 N RIDGEVIEW			INSPECTOR: 

OTHER: _____

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 9/16, 2005 Page 2 of

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7723	ZAVATKAY	FINAL ROOF	PASS	CLOSE
15	6 COPAIRE RD PROF. ROOFING			INSPECTOR: <i>[Signature]</i>
7054	TAPPER	TINTAG+METAL	PASS	
8	22 ISLAND RD WINCHIP/PACIFIC	STRAPPING	PASS	INSPECTOR: <i>[Signature]</i>
7710	BO BONIFACE	STEEL+BOND	PASS	
13	63 S. RIVER RD ADVANTAGE POOL	POOL DUMBING (ON FOUNDATION)	CXL	INSPECTOR: <i>[Signature]</i>
7774	MALONE	DEY-IN	FAIL	
12	14 S. VIA LUCINDIA STUART ROOFING			INSPECTOR: <i>[Signature]</i>
7238	ZARRO	FINAL PATIO PAVERS	PASS	CLOSE
3	124 N. SEWALL'S PT LHITWOOD+ Co			INSPECTOR: <i>[Signature]</i>
7494	VAN BROSCH	FINAL GAS	PASS	CLOSE
14	36 S. RIVER PROPANE DISC.	LINES		INSPECTOR: <i>[Signature]</i>
7562	CLIFFORD	IN PROG - FLAT	PASS	NOT REQUIRED
5	20 N. RIVER RD TUTTLE ROOFING		NO WORK DONE	INSPECTOR: <i>[Signature]</i>

OTHER: _____

8686

SHUTTERS



TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
 One S. Sewall's Point Road
 Sewall's Point, Florida 34996
 Tel 772-287-2455 Fax 772-220-4765

BUILDING PERMIT CARD

**THIS CARD MUST BE POSTED IN A CONSPICUOUS PLACE IN PLAIN VIEW FROM THE STREET PRIOR TO BEGINNING ANY WORK
 A FINAL INSPECTION IS REQUIRED FOR ALL PERMITS**

PERMIT NUMBER:	8686	DATE ISSUED:	AUGUST 15, 2007
SCOPE OF WORK:	HURRICANE SHUTTERS		
CONDITIONS:			
CONTRACTOR:	FOLDING SHUTTER CORP		
PARCEL CONTROL NUMBER:	13841014000002102	SUBDIVISION	HILLCREST - LOT 21
CONSTRUCTION ADDRESS:	36 S RIVER RD		
OWNER NAME:	AKRAWI		
QUALIFIER:	KEVIN HEMSTREET	CONTACT PHONE NUMBER:	561-683-4811

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. A CERTIFIED COPY OF THE RECORDED NOTICE OF COMMENCEMENT MUST BE SUBMITTED TO THE BUILDING DEPARTMENT PRIOR TO THE FIRST REQUESTED INSPECTION.

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN 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.

**24 HOUR NOTICE REQUIRED FOR INSPECTIONS - ALL CONSTRUCTION DOCUMENTS MUST BE AVAILABLE ON SITE
 CALL 287-2455 - 8:00AM TO 4:00PM INSPECTIONS 8:30AM TO 12:00PM - MONDAY, WEDNESDAY & FRIDAY**

REQUIRED INSPECTIONS

UNDERGROUND PLUMBING	_____	UNDERGROUND GAS	_____
UNDERGROUND MECHANICAL	_____	UNDERGROUND ELECTRICAL	_____
STEM-WALL FOOTING	_____	FOOTING	_____
SLAB	_____	TIE BEAM/COLUMNS	_____
ROOF SHEATHING	_____	WALL SHEATHING	_____
TIE DOWN /TRUSS ENG	_____	INSULATION	_____
WINDOW/DOOR BUCKS	_____	LATH	_____
ROOF DRY-IN/METAL	_____	ROOF TILE IN-PROGRESS	_____
PLUMBING ROUGH-IN	_____	ELECTRICAL ROUGH-IN	_____
MECHANICAL ROUGH-IN	_____	GAS ROUGH-IN	_____
FRAMING	_____	METER FINAL	_____
FINAL PLUMBING	_____	FINAL ELECTRICAL	_____
FINAL MECHANICAL	_____	FINAL GAS	_____
FINAL ROOF	_____	BUILDING FINAL	_____

ALL RE-INSPECTION FEES AND ADDITIONAL INSPECTION REQUESTS WILL BE CHARGED TO THE PERMIT HOLDER. THE CONTRACTOR OR OWNER /BUILDER MUST SCHEDULE A FINAL INSPECTION. FAILURE TO RECEIVE A SUCCESSFUL FINAL INSPECTION WILL RESULT IN PERMIT RENEWAL FEES, FINES, AND OR DENIAL OF FUTURE BUILDING PERMITS TO THE CONTRACTOR OR OWNER /BUILDER.

RECEIVED
DATE: 8-13-07
TOWN OF SEWALL'S POINT

Town of Sewall's Point

Date: _____ **BUILDING PERMIT APPLICATION** Permit Number: _____

OWNER/TITLEHOLDER NAME: DAVID AKRAWI Phone (Day) 772-221-8351 (Fax) _____

Job Site Address: 36 So. Beecher Rd City: Stuart State: FL Zip: 34996

Legal Desc. Property (Subd/Lot/Block) Hilicrest lot 21 Parcel Number: 01-3841-04-000-00210-2

Owner Address (if different): _____ City: _____ State: _____ Zip: _____

Scope of work: Installation of (18) folding shutters (12) Form panels and (14) rolling shutters

WILL OWNER BE THE CONTRACTOR?
(If yes, Owner Builder questionnaire must accompany application)
YES _____ NO _____

Has a Zoning Variance ever been granted on this property?
YES _____ (YEAR) _____ NO _____
(Must include a copy of all variance approvals with application)

COST AND VALUES:
Estimated Value of Construction or Improvements: \$ 39,000
(Notice of Commencement required over \$2500)

Estimated Fair Market Value prior to Improvement: \$ _____
(FOR ADDITIONS AND REMODEL APPLICATIONS ONLY)

Method of Determining Fair Market Value: _____

CONTRACTOR/Company: Folding Shutter Corp Phone: 561-683-4811 Fax: _____

Street: 7089 Hemis Street Place City: WPB State: FL Zip: 33413

State Registration Number: _____ State Certification Number: SP00839 Municipally License Number: _____

ARCHITECT: Call Christina 561-252-9154 Phone Number: _____

Street: Permit runner City: _____ State: _____ Zip: _____

ENGINEER _____ Lic# _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE (SEWER & ELECTRIC): Living: _____ Garage: _____ Covered Patios: _____ Screened Porch: _____
Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2004 (W/2006 Rev.)
National Electrical Code: 2005 Florida Energy Code: 2004 Florida Accessibility Code: 2004 Florida Fire Code 2004

NOTICES TO OWNERS AND CONTRACTORS:
1. YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. WHEN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.
2. THERE ARE SOME PROPERTIES THAT MAY HAVE DEED RESTRICTIONS RECORDED UPON THEM. THESE RESTRICTIONS MAY LIMIT OR PROHIBIT THE WORK APPLIED FOR IN YOUR BUILDING PERMIT. IT IS TO YOUR ADVANTAGE AND RESPONSIBILITY TO DETERMINE IF YOUR PROPERTY IS ENCUMBERED BY ANY RESTRICTIONS. SOME RESTRICTIONS APPLICABLE TO THIS PROPERTY MAY BE FOUND IN THE PUBLIC RECORDS OF MARTIN COUNTY OR THE TOWN OF SEWALL'S POINT, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.
3. BUILDING PERMITS FOR SINGLE FAMILY RESIDENCES AND SUBSTANTIAL IMPROVEMENTS TO SINGLE FAMILY RESIDENCES ARE VALID FOR A PERIOD OF 24 MONTHS. RENEWAL FEES WILL BE ASSESSED AFTER 24 MONTHS PER TOWN ORDINANCE 50-95.

THIS PERMIT WILL BECOME NULL AND VOID IF THE WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN 180 DAYS, OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER THE WORK IS COMMENCED. ADDITIONAL FEES WILL BE ASSESSED ON ALL NULL AND VOID PERMITS. REF. FBC 2004 W/ 2006 REVISIONS SECT. 105.4.1, 105.4.1.1 - .5.
I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.
*****A FINAL INSPECTION IS REQUIRED ON ALL BUILDING PERMITS*****

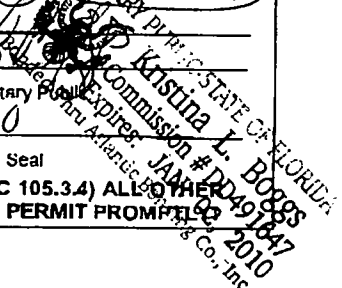
OWNER OR AUTHORIZED AGENT SIGNATURE (required)
David Akrawi
State of Florida, County of Duval Beach
This the 5 day of July, 2007
by David Akrawi who is personally
known to me or produced
as identification.

CONTRACTOR SIGNATURE (required)
Kevin Hemstreet
On State of Florida, County of: Martin
This the 9 day of October, 2007
by Kevin Hemstreet who is personally
known to me or produced
as identification.

My Commission Expires 01/31/2010
NOTARY PUBLIC - PUBLIC STATE OF FLORIDA
Kristina L. Boggs
Commission # DD491647

My Commission Expires: 01/31/2010
Notary Public - PUBLIC STATE OF FLORIDA
Kristina L. Boggs
Commission # DD491647

SINGLE FAMILY PERMIT APPLICATIONS MUST BE ISSUED WITHIN 30 DAYS OF APPROVAL NOTIFICATION (FBC 105.3.4) ALL OTHER APPLICATIONS WILL BE CONSIDERED ABANDONED AFTER 180 DAYS (FBC 105.3.2) - PLEASE PICK UP YOUR PERMIT PROMPTLY





TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
 One S. Sewall's Point Road
 Sewall's Point, Florida 34996
 Tel 772-287-2455 Fax 772-220-4765

BUILDING PERMIT RECEIPT

PERMIT NUMBER:	8686
ADDRESS	36 S RIVER RD
DATE:	AUGUST 15, 2007

SINGLE FAMILY OR ADDITION /REMODEL | Declared Value: _____

Plan \$
 (No p
 Total
 Total \$
 Total C
 Building
 Building
 Total nu
 Radon F

63-643/670 8517

PERMIT PROVIDERS
 15430 Endeavour Dr.
 Jupiter, FL 33478
 561-514-5253

8/15 2007

PAY TO THE ORDER OF Town of Sewalls Point \$ 91.00

Ninety one dollars 00/100 DOLLARS

WACHOVIA BANK, N.A. Smile, attitude is everything!

FOR [Redacted] Danna [Signature] 8517

DBPR Licensing Fee: (\$.005 per sq. ft. under roof)	\$	
Road impact assessment: (.04% of construction value - \$5.00 min.)	\$	
Martin County Impact Fee:	\$	
TOTAL BUILDING PERMIT FEE:	\$	

ACCESSORY PERMIT	Declared Value:	\$	39000.00
Total number of inspections @ \$75.00 each	1	\$	75.00
Road impact assessment: (.04% of construction value - \$5.00 min.)		\$	16.00
TOTAL ACCESSORY PERMIT FEE:		\$	91.00



TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

VERIFICATION OF CONTRACTOR PERMIT

BUILDING PERMIT NUMBER: 8686
OWNERS NAME: A Krawi / Gosser
CONSTRUCTION ADDRESS: 36 S. River Rd
PERMIT TYPE: RESIDENTIAL COMMERCIAL
 ELECTRIC ROOFING
 PLUMBING CONCRETE FORM AND PLACE
 HVAC MASONRY
 IRRIGATION CARPENTRY
 FUEL GAS OTHER (SPECIFY) _____

FOR GAS OR ELECTRIC: TYPE OF SERVICE: _____ NEW SERVICE _____ EXISTING SERVICE OTHER
SCOPE OF WORK: Run electric to Hurricane Shutter Motor at front door
VALUE OF CONSTRUCTION \$ 500.00

LOW VOLTAGE
TYPE OF EQUIPMENT: SECURITY VACUUM SOUND SYSTEM LANDSCAPE OTHER
SCOPE OF WORK: _____ VALUE _____

IN CONSIDERATION TO THE GRANTING OF THE ABOVE REQUESTED PERMIT, I DO HEREBY AGREE THAT I WILL, IN ALL RESPECTS, PERFORM THE WORK IN ACCORDANCE WITH THE APPROVED PLANS AND ALL APPLICABLE CODES.

[Signature]
SIGNATURE OF LICENSED CONTRACTOR
P.O. Box 2272 Vero Beach FL 32961
ADDRESS OF CONTRACTOR

COMPANY OR QUALIFIER'S NAME: Garrett Guidroz
TELEPHONE NO: 772-388-0533 FAX NO: 772-388-2411
MUNICIPALITY OR STATE OF FLORIDA CONTRACTOR'S LICENSE NUMBER: EC0001911

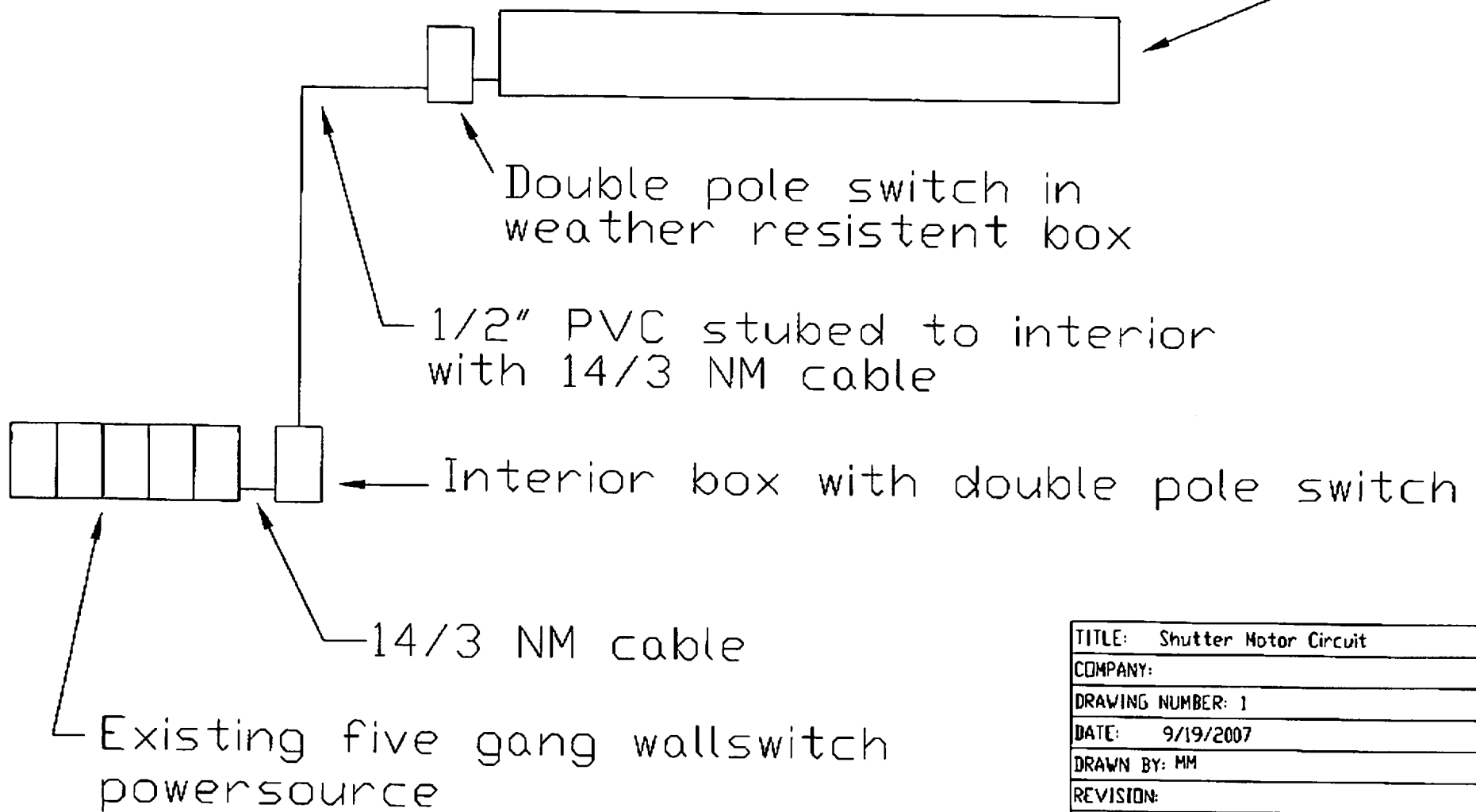
** WORK CAN NOT BEGIN UNTIL THIS VERIFICATION IS COMPLETED AND SUBMITTED TO THE BUILDING DEPARTMENT. A PENALTY FEE WILL BE ASSESSED IF WORK IS STARTED PRIOR TO OBTAINING THIS PERMIT.

VERIFICATION OF PARCEL CONTROL NUMBER

OWNER'S FULL NAME AS STATED ON DEED: _____
PARCEL CONTROL #: _____
SUBDIVISION: _____ LOT: _____ BLK: _____ PHASE: _____
SITE ADDRESS: _____

SEND OR FAX TO: TOWN OF SEWALL'S BUILDING DEPARTMENT

1/8 H.P. Shutter Motor at 120Volt 1Phase



TITLE:	Shutter Motor Circuit
COMPANY:	
DRAWING NUMBER:	1
DATE:	9/19/2007
DRAWN BY:	MM
REVISION:	
REVISION DATE:	
	P.O. BOX 2272 VERO BEACH FL. 32961 PH. (772) 388-0533 FAX. (772) 388-2411

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
09/27/2007

PRODUCER
Sebastian Insurance Inc.
1013 US Highway 1
Sebastian, FL 32958

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
Complete Electric Inc.
633 Sebastian Blvd. #A&B
Sebastian, FL 32958

INSURER A: TRAVELERS INSURANCE GROUP
INSURER B:
INSURER C:
INSURER D:
INSURER E:

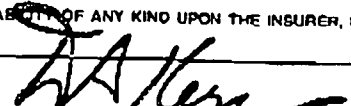
COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	<input checked="" type="checkbox"/> GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	1680796H8590TCT07	04/13/2007	04/13/2008	EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	BA798H305807SEL	04/13/2007	04/13/2008	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
	<input type="checkbox"/> EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS, OT-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	<input type="checkbox"/> OTHER <input checked="" type="checkbox"/> CONTRACTORS <input checked="" type="checkbox"/> EQUIPMENT FLOATER	1680796H8590TCT06	04/13/2007	04/13/2008	\$25,000/ITEM MAXIMUM TOTAL \$100,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 CERTIFICATE HOLDER IS INCLUDED AS ADDITIONAL INSURED

CERTIFICATE HOLDER
 TOWN OF SEWALL'S POINT
 ONE SOUTH SEWALL'S POINT ROAD
 SEWALL'S POINT, FL 34996
 772-220-4765

CANCELLATION
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
 AUTHORIZED REPRESENTATIVE 

GARETT GUIDROZ
(772)388-0533

CITY OF SEBASTIAN
LOCAL BUSINESS TAX RECEIPT

1225 MAIN STREET, SEBASTIAN, FL 32958

Permit Year October 1, 2007 to September 30, 2008

No: 975

Date: 8/20/07

Address: 633 SEBASTIAN BLVD
SEBASTIAN, FL 32958
Activity: ELECTRICAL CONTRACTOR



LICENSE PENALTY 66.00

TRANSFER DUPLICATE
Total Paid 66.00

Issued to: COMPLETE ELECTRIC INC.
GARETT GUIDROZ
P.O. BOX 2272
VERO BEACH, FL 32961

Linda M. Lohsl, CBTO

A

NON-TRANSFERABLE

C# 2617565

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

SEQ# L06061401249

DATE	BATCH NUMBER	LICENSE NBR
06/14/2006	058093358	EC0001911

The ~~ELECTRICAL CONTRACTOR~~
Named below is CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2008

GUIDROZ, GARETT PETE
COMPLETE ELECTRIC, INC.
8466 91ST AVENUE
VERO BEACH FL 32967

JEB BUSE
GOVERNOR

SINGNE MARSTILLER
SECRETARY

DISPLAY AS REQUIRED BY LAW



Martin County, Florida

Laurel Kelly, C.F.A

Site Provided by...
governmentmax.com T1.12

Summary

print Owner 2 of 2

Parcel Info

Summary

- Land
- Residential
- Improvement
- Commercial
- Image
- Sales & Transfers
- Assessments →
- Taxes →
- Parcel Map →
- Full Legal →

Parcel ID	Unit Address	Serial Index ID	Order	Commercial	Residential
01-38-41-014-000-00210-2	36 S RIVER RD	17868	Owner	0	1

Summary

Property Location 36 S RIVER RD
Tax District 2200 Sewall's Point
Account # 17868
Land Use 101 0100 Single Family
Neighborhood 120200
Acres 0.475

Legal Description
Property Information
 HILLCREST, LOT 21

Search By

- Parcel ID
- Owner**
- Address
- Account #
- Use Code
- Legal Description
- Neighborhood
- Sales
- Map →

Owner Information
Owner Information
 AKRAWI, ANIS Y

Mail Information
 36 S RIVER RD
 STUART FL 34996

Assessment Info
Front Ft. 0.00

Market Land Value \$333,500
Market Impr Value \$598,730
Market Total Value \$932,230

Site Functions

- Property Search**
- Contact Us
- On-Line Help
- County Home
- Site Home
- County Login

Recent Sale
Sale Amount \$1,175,000

Sale Date 7/28/2006
Book/Page 2166 1489

Print | Back to List | << First < Previous Next > Last >>

Legal disclaimer / Privacy Statement

Data updated on 07/31/2007



ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID AB
FOLDING

DATE (MM/DD/YYYY)
02/13/07

PRODUCER:
SLATON INSURANCE
P.O. Box 220537
West Palm Beach FL 33422
Phone: 561-683-8383 Fax: 561-684-5995

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
Folding Shutter Corporation
7089 Hemstreet Place
West Palm Beach FL 33413


INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: NAUTILUS INS CO	
INSURER B: Landmark American Insurance Co	
INSURER C: Auto-Owners Insurance Company	18988
INSURER D: Guarantee Insurance Company	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS								
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab <input checked="" type="checkbox"/> XCU Included GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	BK001038802	01/01/07	01/01/08	EACH OCCURRENCE \$ 1,000,000								
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ Excluded MED EXP (Any one person) \$ Excluded PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Emp Ben. 1,000,000												
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$								
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$								
B	EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000	LHA038135	01/01/07	01/01/08	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ \$ \$								
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	021007BNDR	02/10/07	02/10/08	<table border="1"> <tr> <td>WC STATU-TORY LIMITS</td> <td>OTH-ER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$ 500000</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$ 500000</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$ 500000</td> </tr> </table>	WC STATU-TORY LIMITS	OTH-ER	E.L. EACH ACCIDENT	\$ 500000	E.L. DISEASE - EA EMPLOYEE	\$ 500000	E.L. DISEASE - POLICY LIMIT	\$ 500000
WC STATU-TORY LIMITS	OTH-ER												
E.L. EACH ACCIDENT	\$ 500000												
E.L. DISEASE - EA EMPLOYEE	\$ 500000												
E.L. DISEASE - POLICY LIMIT	\$ 500000												
C	Equipment Floater	7259502407	01/01/07	01/01/08	Equipment 60,000								
C	Rental Equipment	7259502407	01/01/07	01/01/08	Rntd/Leas 250,000								

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
***FLORIDA STATUTE REQUIRES TEN (10) DAYS NOTICE OF CANCELLATION FOR NON PAYMENT & FORTY FIVE (45) DAYS FOR NON RENEWAL**
 FAX: 561-334-5232

CERTIFICATE HOLDER	CANCELLATION
TOWNSEW Town Of Sewells Point 1 8 Sewells Point Road Sewells Point FL 34996	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL *10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 

2006-2007 MARTIN COUNTY ORIGINAL
COUNTY OCCUPATIONAL LICENSE

Larry C. D'Steen, Tax Collector, P.O. Box 8013, Stuart, FL 34995
(772) 288-5604

LICENSE 1976-650-0289 PERT _____
PHONE (561) 286-2633 SIC NO 001541

LOCATION:
7089 HEM ST MAR

CHARACTER COUNTS IN MARTIN COUNTY

PREV. YR. \$	<u>.00</u>	LIC. FEE \$	<u>25.00</u>
\$	<u>.00</u>	PENALTY \$	<u>0.00</u>
\$	<u>.00</u>	COL. FEE \$	<u>0.00</u>
\$	<u>.00</u>	TRANSFER \$	<u>0.00</u>
TOTAL			<u>25.00</u>



IS HEREBY LICENSED TO ENGAGE IN THE BUSINESS, PROFESSION OR OCCUPATION
OF RETAIL/ALUMINUM CONTR

AT LOCATION LISTED FOR THE PERIOD BEGINNING ON THE

17 DAY OF AUGUST 20 06
AND ENDING SEPTEMBER 30, 2007

MR. KEVIN R. (V. PRES.)
FOLDING SHUTTER CORP
HEMSTREET QUALIFIER
HEMSTREET PLACE
WEST PALM BEACH FL 33413

11 2005 42955.0001



Martin County Building Department

2401 SE Monterey Road
Stuart, FL 34996
(772) 288-5482
Fax (772) 288-5911

HEMSTREET, KEVIN R
FOLDING SHUTTER CORP
7089 HEMSTREET PL
WEST PALM BEACH, FL 33413

NOTICE TO ALL CONTRACTORS


PLEASE BE ADVISED THAT MARTIN COUNTY, FLORIDA SECTION 43.42 REQUIRES COMPLIANCE WITH THE FOLLOWING EXERPT FROM THE GENERAL ORDINANCES OF THE MARTIN COUNTY CODE:

PROHIBITED ACTIVITIES:

43.42 R Advertising contracting work in any advertisement to the public in a newspaper or telephone directory without including in the advertisement the number of the contractor license issued to the person or business being advertised.

43.42 S Operating any commercial vehicle in the course of conducting the practice of contracting that fails to display the contractor license number of the contractor.

If you have any questions relating to the information in this letter , please contact the Martin County Contractor's Licensing Division of the Martin County Building Department.



MARTIN COUNTY, FLORIDA
Construction Industry Licensing Board
Certificate of Competency

ALUMINUM/CONCRETE CONTRACTOR

License Number SP00839 Expires: 30-SEP-07

HEMSTREET, KEVIN R
 FOLDING SHUTTER CORP
 7089 HEMSTREET PL
 WEST PALM BEACH, FL 33413

9 686

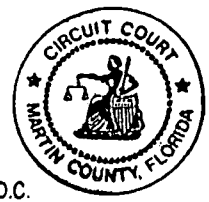
Job Number: 05082007034

INSTR # 2032842
OR BK 02271 PG 2131
Pg 2131f (1pg)
RECORDED 08/15/2007 12:45:28 PM
MARSHA EWING
CLERK OF MARTIN COUNTY FLORIDA
RECORDED BY S Phoenix

Notice of Commencement
FS 713.13

Return to: (enclosed self-addressed stamp)
Name: Folding Shutter Corporation
Address: 7089 Hemstreet Place
West Palm Beach, FL 33413

THIS IS TO CERTIFY THAT THE
FOREGOING 1 PAGES IS A TRUE
AND CORRECT COPY OF THE ORIGINAL.
MARSHA EWING, CLERK



This Instrument Prepared By:
Name: Same as Above
Address: _____
BY S Phoenix D.C.
DATE 8-15-07

NOTICE OF COMMENCEMENT

Permit No. _____ Tax Folio No: 01-38 41-014-000-00210-2

State of Florida
County of Martin

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with chapter 713 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

Legal description of Property (include Street address): Willcrest, Lot 21
36 S. River Road

General description of improvements: Install Shutters

Owner's Name: Anis Akrawi / Carol Gesser

Address: 36 S. River Road Stuart FL 34996

Owner's interest in site of improvement: Owner

Fee Simple Title holder (if other than owner) _____
Address _____ Phone _____ Fax _____

Contractor Folding Shutter Corporation
Address 7089 Hemstreet PI WPB, FL 33413 Phone 561-683-4811 Fax 561-640-8204

Surety _____ Phone _____ Fax _____
Address _____ Amount of Bond: \$ _____

Lender's Name _____
Address _____ Phone _____ Fax _____

Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes.

Name _____
Address _____ Phone _____ Fax _____

In addition to himself, owner designates _____
Of _____ Phone _____ Fax _____

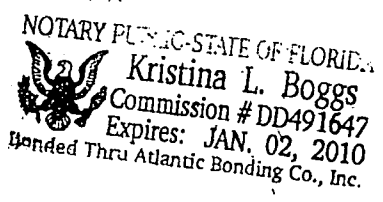
To receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified)

Signature of Owner Carol Gesser (X)
Printed Name of Owner ANIS Y. AKRAWI (X)
Carol L. Gesser

Notary Stamp Seal (X) _____
I have relied upon the following Identification of the Affiant
Sworn to and subscribed before me this day 9 of Aug, 2007

Notary Signature Kristina L. Boggs
Printed Name Kristina L. Boggs





TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

HURRICANE SHUTTER INSTALLATION CHECKLIST

A document review will be performed on the following items prior to the submittal of a permit application. Failure to submit these items will result in the application package returned to the applicant until the deficient documents are included. This review sheet must accompany the application submittal.

Please make sure you have ALL required copies before submitting permit application

- X 1 Copy Completed Permit application
- X 2 Copies Shutter schedule
- X 2 Copies Floor plan sketch showing the location and ID number of each shutter.
MUST MATCH SHUTTER SCHEDULE.
- X 2 Copies Shutter engineering specifications complying with the
2004 FBC w/2006 revisions
- 1 Copy **Prior to the final inspection**; an impact installation affidavit must be submitted.

- Will fax over to your office prior to inspection



TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
 One S. Sewall's Point Road
 Sewall's Point, Florida 34996
 Tel 772-287-2455 Fax 772-220-4765

SHUTTER SCHEDULE

I.D. NO.	APPOX OPENING SIZE (WXH)	APPOX SHUTTER WIDTH	APPOX HEIGHT	# OF STORM BARS REQ'D	ANCHOR SPACING	# OF WINDOW BARS EACH SIDE	HEADER REINF. REQ'D YES/NO	REMARKS
1	37"X63"	45"	71"	N/A	12"	N/A	NO	EXAMPLE
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

GESSER

WORK ORDER NO. 05082007034 Nos 01

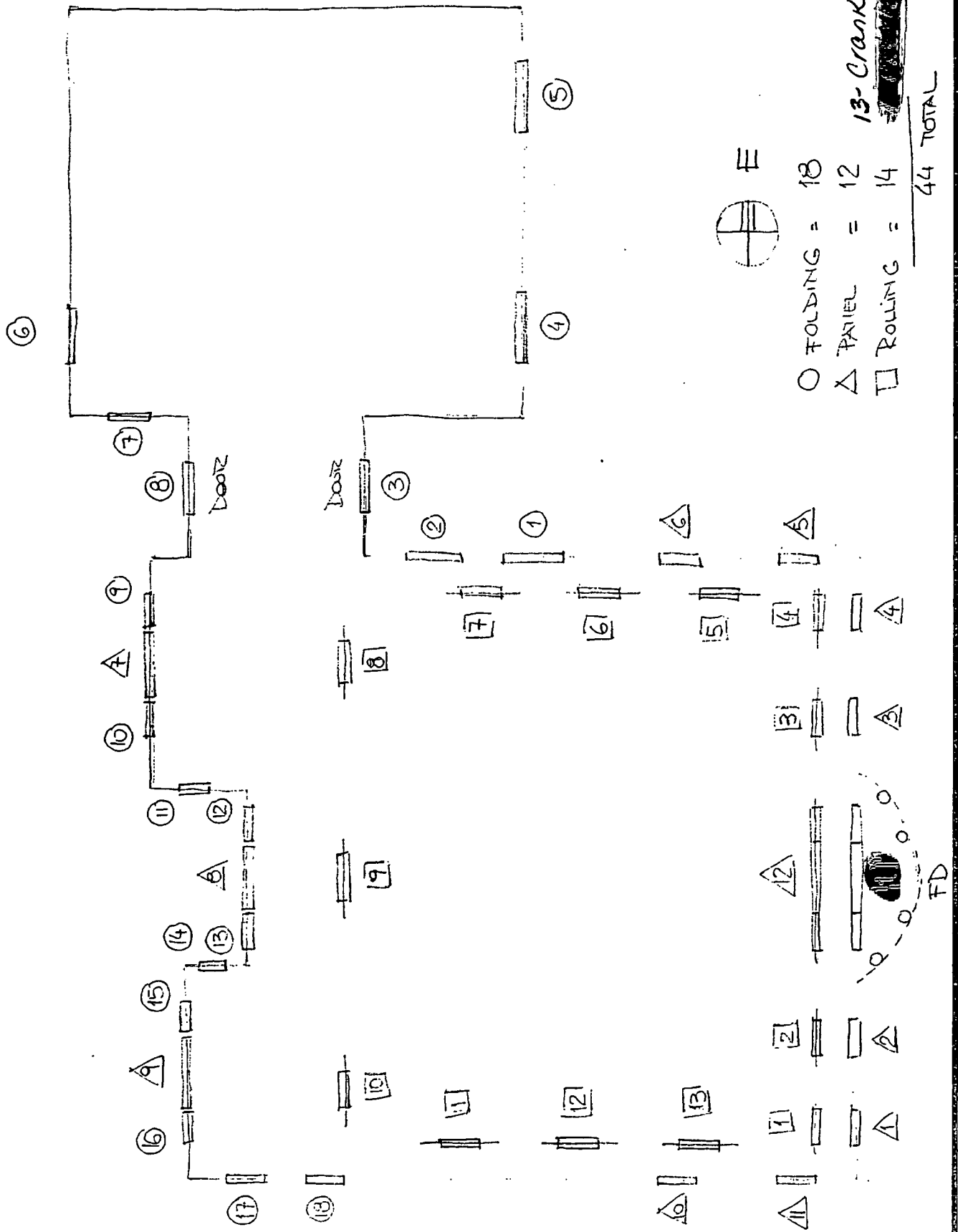
SHEET

OF

BY: AP 1034

DATE: 06/11/07

EXP "C"
25' x 10" ZONE 5



○ FOLDING = 18
 △ PAIETL = 12
 □ ROLLING = 14
 44 TOTAL

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

WORK ORDER NO.

05082907034 NO6 M01

SHEET

OF

GESSER

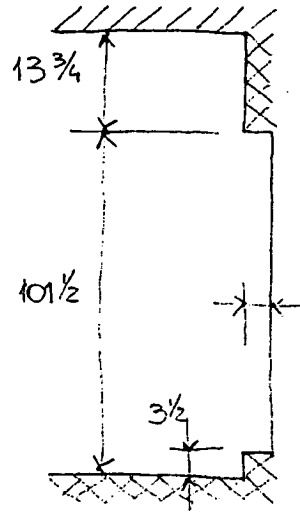
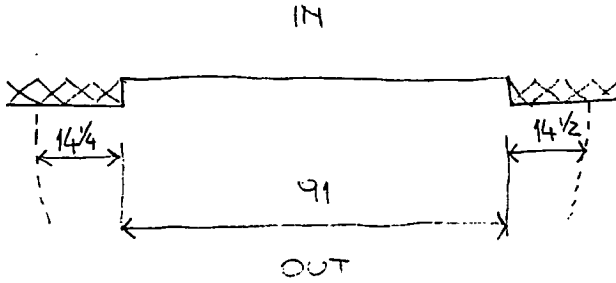
BY:

AP 1034

DATE:

06/11/07

1" ^H



DOOR OPEN IN. HANDLE NOT EXCEED WOOD FRAME PROJECTION.

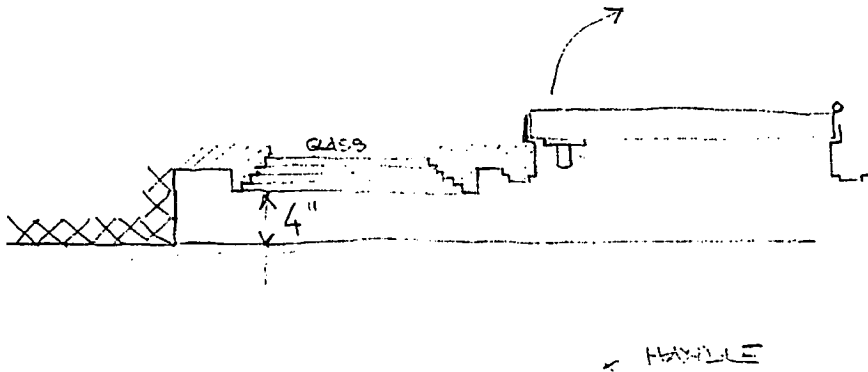


TABLE 3.43
WIND LOADS FOR WALL COMPONENTS & CLADDING
PER ASCE 7-02
*** (ROOF HEIGHTS LESS THAN 90 FT.)**

3- SECOND GUST WIND SPEED: 140 MPH
 TRIBUTARY AREA: 50 SQ. FT.
 IMPORTANCE FACTOR (I_w): 1.00

MEAN ROOF HEIGHT (FT.)	EXPOSURE "B"						EXPOSURE "C"					
	ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°			ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°		
	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5
"H"	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)
15	31.5	34.5	39.8	28.9	31.6	36.4	38.3	41.9	48.3	35.1	38.4	44.1
20	31.5	34.5	39.8	28.9	31.6	36.4	40.6	44.1	51.2	37.2	40.8	46.7
25	31.5	34.5	39.8	28.9	31.6	36.4	42.4	46.4	53.4	38.8	42.5	48.8
30	31.5	34.5	39.8	28.9	31.6	36.4	44.2	48.8	55.7	40.5	44.3	50.9
35	32.9	36.0	41.5	30.2	33.0	37.9	45.5	49.8	57.4	41.7	45.8	52.5
40	34.2	37.5	43.2	31.4	34.3	39.5	46.9	51.3	59.1	43.0	47.0	54.0
45	35.4	38.7	44.6	32.4	35.5	40.8	48.0	52.5	60.6	44.0	48.1	55.3
50	36.5	40.0	46.1	33.5	36.6	42.1	49.1	53.8	62.0	45.0	49.2	56.6
55	37.4	40.9	47.2	34.3	37.5	43.1	50.0	54.8	63.1	45.9	50.1	57.7
60	38.3	41.9	48.3	35.1	38.4	44.1	50.9	55.7	64.2	46.7	51.0	58.7
* 65	39.2	42.9	49.5	36.0	39.3	45.2	51.8	56.7	65.4	47.5	51.9	59.7
* 70	40.1	43.9	50.6	36.8	40.2	46.2	52.7	57.7	66.5	48.3	52.8	60.8
* 75	41.0	44.9	51.7	37.6	41.1	47.3	53.6	58.7	67.7	49.2	53.7	61.8
* 80	41.9	45.9	52.9	38.4	42.0	48.3	54.5	59.7	68.8	50.0	54.6	62.8
* 85	42.8	46.6	53.7	39.1	42.7	49.1	55.2	60.4	69.7	50.8	55.3	63.6
* 89	43.0	47.1	54.2	39.4	43.1	49.5	55.6	60.9	70.2	51.0	55.7	64.1

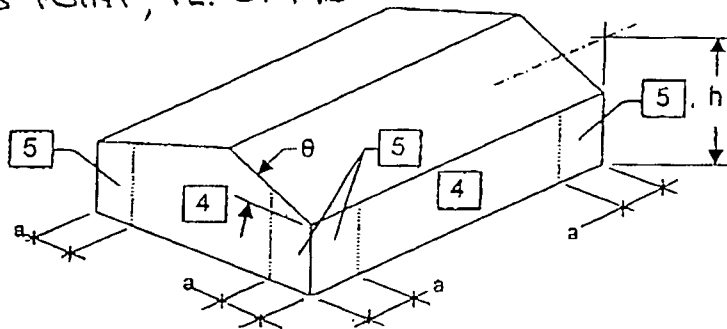
NOTE: ALL DESIGN LOADS ARE IN POUNDS PER SQUARE FOOT (PSF)

GESSER

26 S. RIVER RD.

SEWALL'S POINT, FL. 34996

ROLLING SHUTTERS



NOTES:

1. PLUS & MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD & AWAY FROM SURFACES RESPECTFULLY.
2. a = 10% OF LEAST HORIZONTAL DIMENSION OR 0.4H, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT.
3. LOADS, POSITIVE & NEGATIVE, ARE TAKEN AT MEAN ROOF HEIGHT (h) & APPLY TO ALL FLOORS.
4. LOADS BETWEEN ELEVATIONS SHOWN IN TABLE MAY BE INTERPOLATED.
5. AT MEAN ROOF HEIGHT (h), 60 ft. < h < 90 ft., PRESSURES HAVE BEEN DETERMINED USING THE SAME METHOD AS FOR 60 ft. & LESS PER ASCE 7-02 SECTION 6.5.12.4.3. THESE PRESSURES ARE ONLY APPLICABLE IF THE HEIGHT TO WIDTH RATIO IS 1 OR LESS (IF THE HEIGHT IS NO MORE THAN 1 TIMES THE MINIMUM BUILDING WIDTH).
6. TABLE VALUES DO NOT CONSIDER EFFECTS FROM TOPOGRAPHIC CONDITIONS & FACTOR K_{zt} IS TAKEN AS 1.0 (FLAT GRADE). IF TOPOGRAPHIC CONDITIONS ARE NOT FLAT, THE VALUES IN THIS TABLE MUST BE MULTIPLIED BY THE PROPER K_{zt} FACTOR IN ACCORDANCE WITH ASCE 7-02 SECTION 6.5.7.
7. ALL VALUES IN THIS TABLE CONSIDER A WIND DIRECTIONALITY FACTOR (K_d) OF 0.85 PER ASCE 7-02 TABLE 6-4.

JUL 24 2007

CA #6809
 W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8895 N. MILITARY TRAIL, SUITE C204
 PALM BEACH GARDENS, FL 33410

COPYRIGHT © 2002

3.19

WARREN W. SCHAEFER, P.E.
 STRUCTURAL ENGINEER
 FLORIDA REG. #PE0044135

AT

Customer: GESSER

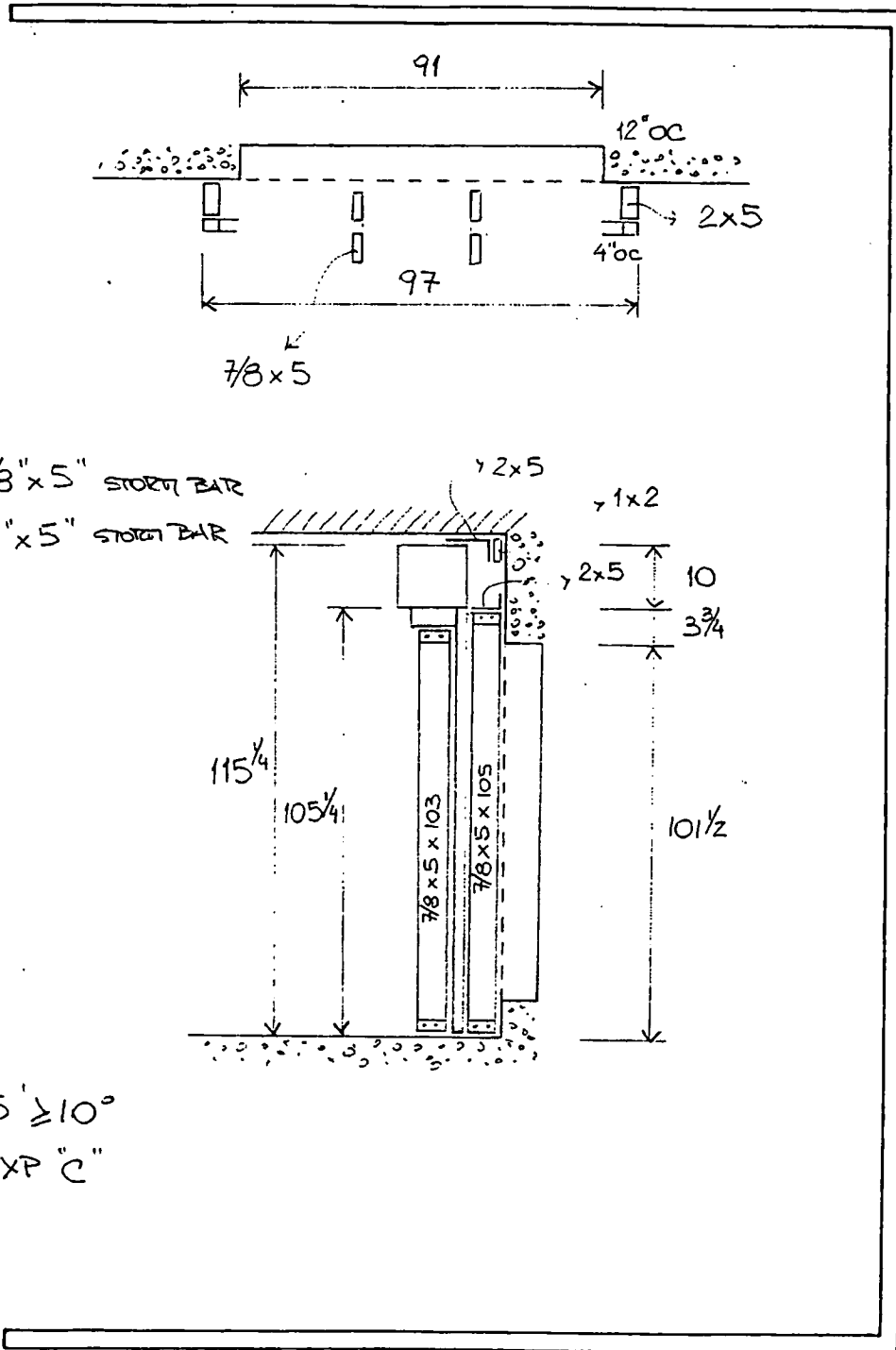
WorkOrder Number: 05082007034N06M01

Unit No.	Wall Pressure	Opening Width	Opening Height	Shutter Width	Shutter Height	Anchor Spacing	Storm Bars	
							Inside	Outside
1	46.4	91	101.5	97	115.25	4 "o.c.	2	2
						4 "o.c.		

Customer GESSER Date _____ Phone _____
 Address: 05082007034 NOG SOLID M 01 Sheet 1 of 1

Color IVORY on _____

Ceiling - Hollow-Con-Wood - Aluminum Wood Beam



3 SPANS
 2 POS 103" OUTSIDE 7/8" x 5" STOP BAR
 2 POS 105" INSIDE 7/8" x 5" STOP BAR

BUILDING 25' ± 10"
 46.4 FSF EXP 'C'

Fig. by AP 1034 Date 07/19/07

July 23, 2007

Folding Shutter Corporation
7089 Hemstreet Place
West Palm Beach, FL 33413

Regarding: Gesser Residence
36 South River Road
Sewall's Point, FL 34996

Attention: Building Department Official

This office prepared the engineering evaluation for the Titan Roll-Up Shutter by Folding Shutter Corp. (Florida State Product Approval #6422). This system may be installed at the above project location as described herein.

The storm bars & mullions at this project site have been designed for the loads and unit dimensions shown on the following details. Loads have been determined per ASCE 7-02 as noted in separate engineering prepared by this office. All components other than the storm bars & mullions denoted herein, including all tracks, slats, mounting conditions, interconnections, and anchors, shall be installed as indicated in the above-referenced product approval drawing.

All design criteria shall follow the product approval and engineering drawings noted above, as well as the minimum requirements of the 2004 Florida Building Code. Thank you for your attention to this matter.

Respectfully,

JUL 25 2007

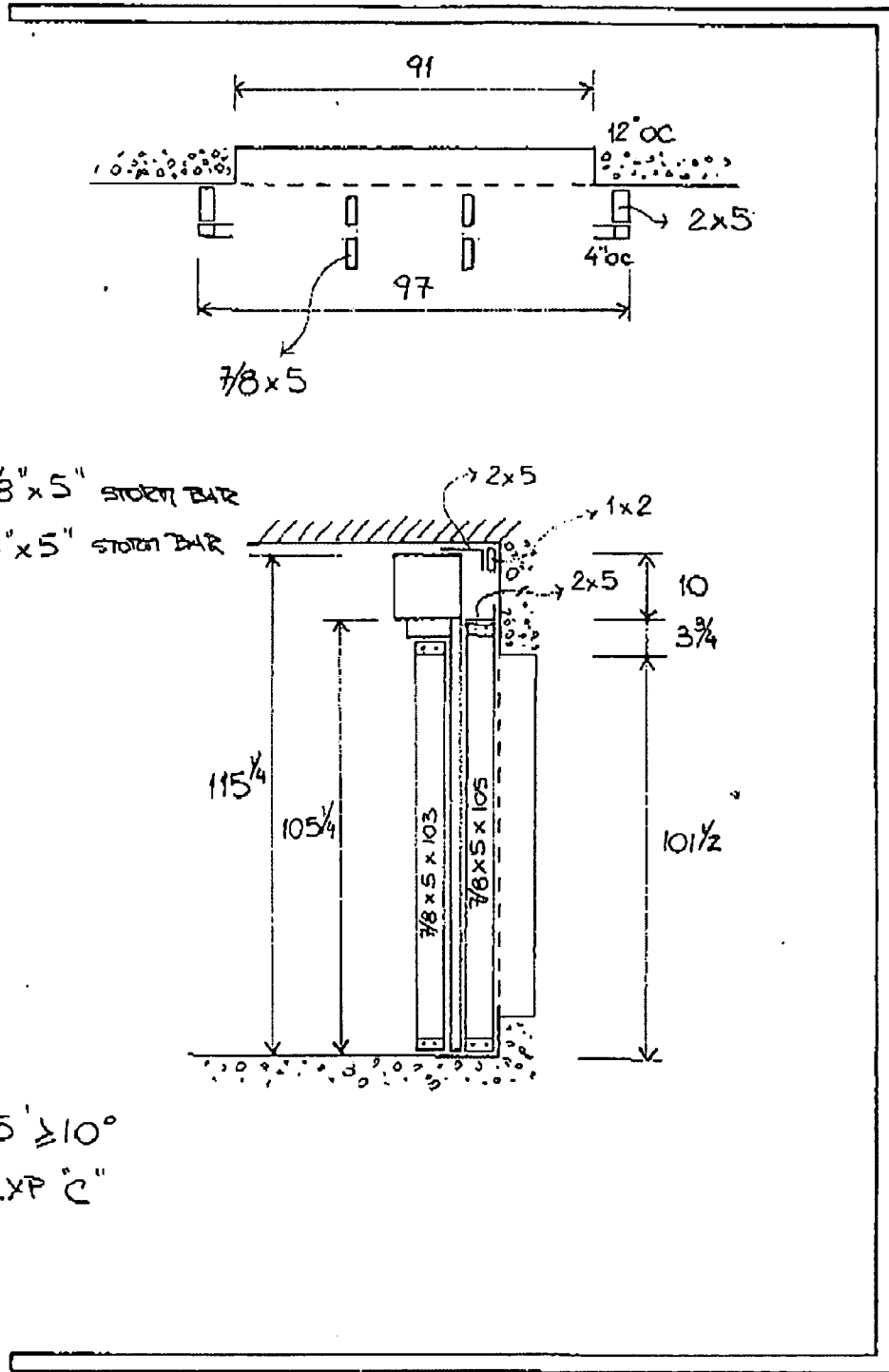
Engineer's seal valid
for pages 1 through 2.

Frank L. Bennardo, P.E.
Frank L. Bennardo, P.E., Inc.
#PE0046549 | Cert. Auth. 9885

07-FSC-0027

Folding Shutter Corp - Gesser Res.

Opening #1:



3 SPANS
 2 pos 103" OUTSIDE 7/8" x 5" STORM BAR
 2 pos 105" INSIDE 7/8" x 5" STORM BAR

BUILDING 25' ± 10°
 46.4 PSF EXP "C"

Address/Phone/Email

Category

Shutters

Subcategory

Roll-up

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Frank L. Bennardo, P.E.

Florida License

PE-0046549

Quality Assurance Entity

PFS Corporation

Validated By

Jorge A. Pomerantz, P.E.

Certificate of Independence

FL8650_R0_COI_Cert_Independ.pdf

Referenced Standard and Year (of Standard)

Standard

Year

TAS 201

1994

TAS 202

1994

TAS 203

1994

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted 04/13/2007
 Date Validated 07/25/2007
 Date Pending FBC Approval 04/23/2007
 Date Approved 07/31/2007

Summary of Products

FL #	Model, Number or Name	Description
8650.1	"Titan" Extruded Aluminum Rollup Shutter	Large Missile Impact Resistant Aluminum Roll-Up Shutter
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Refer to engineering drawing/installation instructions for limitation of use.		Installation Instructions FL8650_RO_II_Dwg.pdf Verified By: Frank L. Bennardo, P.E. PE0046549 Evaluation Reports FL8650_RO_AE_Eval_Report.pdf FL8650_RO_AE_Test Reports2.pdf FL8650_RO_AE_Test_Reports.pdf

Back

Next

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
 2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:



Product Evaluation Report

July 24, 2007

Application Number: FL8650
FLB Project Number: 05-FSC-0001

Product Manufacturer: Folding Shutter Corporation
Manufacturer Address: 7089 Hemstreet Place
West Palm Beach, FL 33413

Product Name & Description: Titan Extruded Aluminum Roll-Up Shutter

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Community Affairs (Florida Building Commission) Rule Chapter 9B-72.070, F.A.C., for statewide acceptance per Method 1(d). All products listed above have been tested and/or evaluated as summarized herein to show compliance with the 2004 Florida Building Code and are, for the purpose intended, at least equivalent to that required by the Code. Re-evaluation of this product shall be required following pertinent Florida Building Code modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

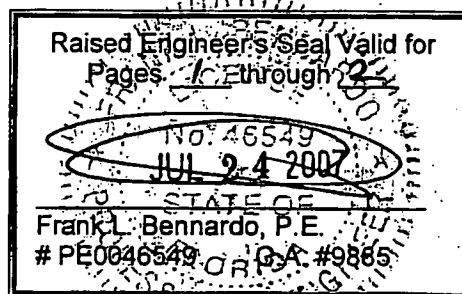
FLB drawing #05-FSC-0001 titled "Titan Extruded Aluminum Roll-Up Shutter", sheets 1-21, prepared by Frank L. Bennardo, P.E., Inc., signed & sealed by Frank L. Bennardo, P.E. is an integral part of this Evaluation Report.

- **TEST REPORTS**

Uniform static structural performance has been tested in accordance with TAS 202 test standards per test report(s) #0143-0105-99 by Hurricane Test Laboratory (HTL).

Large missile impact resistance and cyclic loading performance have been tested in accordance with TAS 201 & 203 test standards per test report(s) #0143-0105-99, 0143-0403-07, & 0143-0405-07 by Hurricane Test Laboratory (HTL). This testing includes impact and cyclic loading of storm bar & mullion components, each with 3 sample assemblies incorporating the weakest member being tested at spans and design pressures corresponding to the strongest member shown in the design schedules. Each test sample includes impacts at center and corner of the shutter area as well as at the center of the storm bar or mullion. In this way, the testing qualifies the use of all storm bars and mullions shown in the installation drawings.

Metal tensile capacity has been determined in accordance with ASTM E8 test standard per test report #9HM-1752 by Q C Metallurgical, Inc.



Folding Shutter Corp. – Titan Extruded Aluminum Roll-Up Shutter

• **STRUCTURAL ENGINEERING CALCULATIONS**

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Maximum Allowable Spans – slats, storm bars, mullions, headers, etc.
2. Minimum Glass Separation
3. Anchor Spacing

No 33% increase in allowable stress has been used in the design of each product.

Impact Resistance:

Large Missile Impact Resistance has been demonstrated as evidenced in previously listed test reports, and is accounted for in the engineering design of this product.

Wind Load Resistance

Each product has been designed to resist wind loads as indicated in the span schedule(s) on its respective Product Evaluation Document (i.e. engineering drawing).

Installation

Each product listed above shall be installed in strict compliance with its respective Product Evaluation Document (i.e. engineering drawing), along with all components noted therein.

Each product component shall be of the material specified in that product's respective Product Evaluation Document (i.e. engineering drawing).

Limitations & Conditions of Use:

Use of each product shall be in strict accordance with its respective Product Evaluation Document (i.e. engineering drawing) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product's respective anchor schedule. Host structure conditions which are not accounted for in each product's respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times.

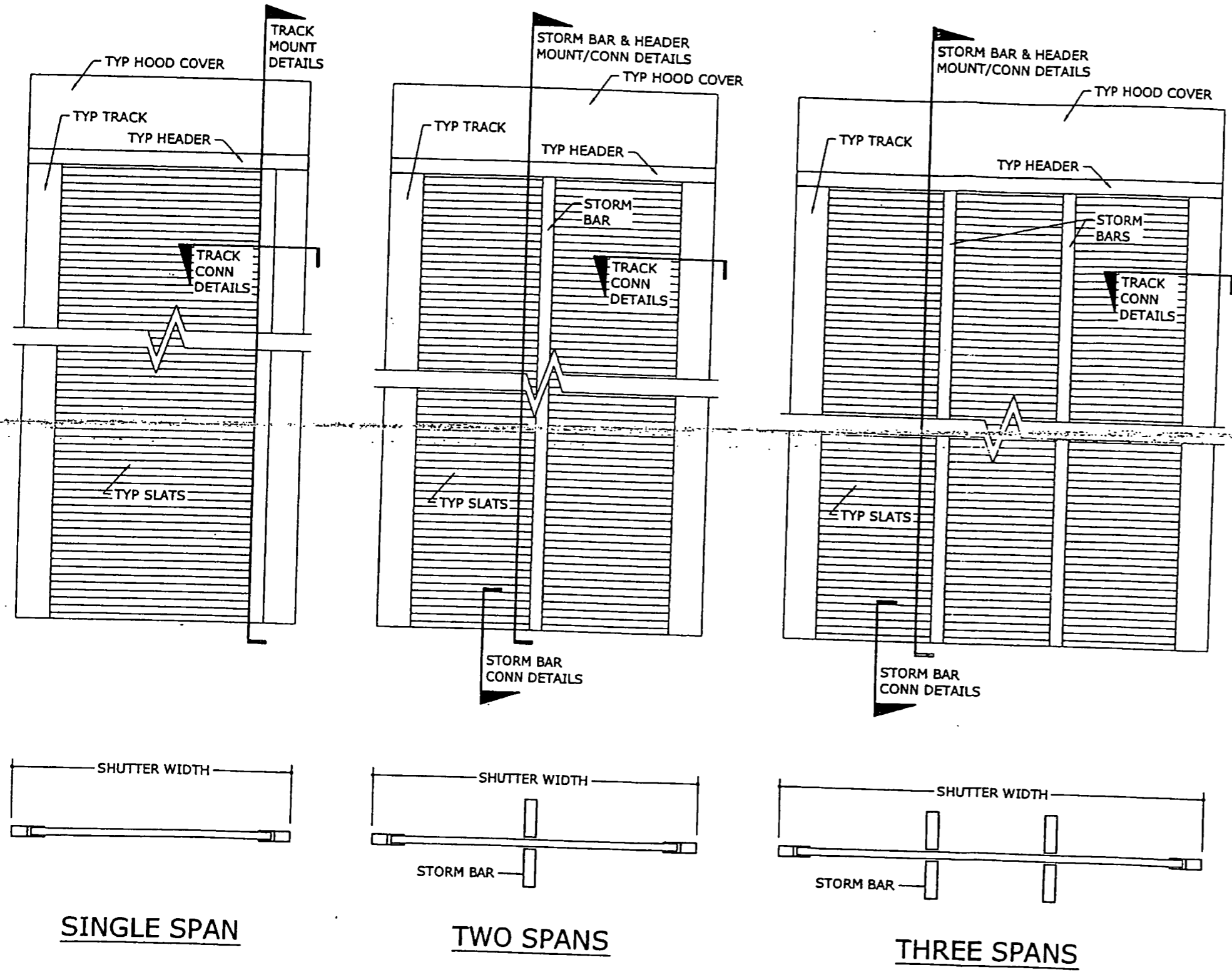
Each product has been designed for use within the High Velocity Hurricane Zone (HVHZ).

TITAN EXTRUDED ALUMINUM ROLL-UP SHUTTER

FRANK L. BENNARDO, P.E.
#PE0046549

03/06/2006
VALID FOR (1) JOB ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

FRANK L. BENNARDO, P.E., INC.
CONSULTING ENGINEERS
4441 N. DIXIE HIGHWAY
BOCA RATON, FL 33431
PH: (561) 391-2888 FAX: (561) 391-2862
CERTIFICATE OF AUTHORIZATION: #9085
ENGINEERING EXPRESS®
WWW.ENGP.COM



GENERAL NOTES:

1. THIS SYSTEM HAS BEEN TESTED AND EVALUATED AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE ("HVHZ"), PER TAS 201, 202, & 203 PROTOCOLS.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES TO BE USED WITH THESE DRAWINGS SHALL BE DETERMINED BY OTHERS FOR SPECIFIC JOBS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND NEW SUPERIMPOSED LOADS.
6. ALL COMPONENTS SHALL CONFORM TO THEIR RESPECTIVE SPECIFICATIONS AS NOTED HEREIN.
7. ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
8. SHUTTERS SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER ASSEMBLY CONTAINING THE FOLLOWING:
FOLDING SHUTTER CORPORATION
WEST PALM BEACH, FL
9. THIS SHUTTER SYSTEM HAS BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS AND CORRESPONDING LOADS SHOWN HEREIN.
10. TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE WHERE NOTED AS SUCH.
11. SHUTTERS MAY BE MOTOR-, TAPE PULLEY-, OR GEAR-DRIVEN.
12. ALL BOLTS, NUTS, & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, STAINLESS STEEL, OR ALUMINUM ALLOY 2024-T4 OR 7075-T5.
13. STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE GIVEN ONE COAT OF ZINC CHROMATE PRIMER OR SHALL BE GALVANIZED.

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7089 HEMSTREET PLACE
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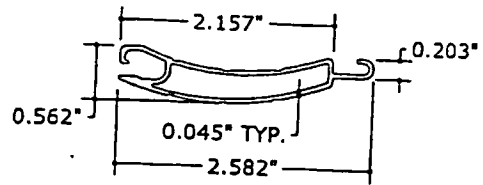
REMARKS	DRWN	CHKD	DATE
INT ISSUE	CL	FLB	3/2/06

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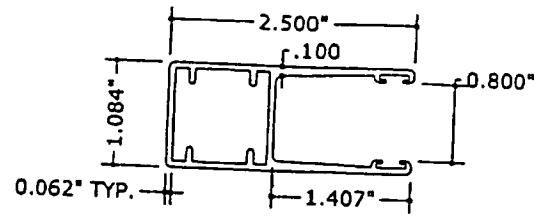
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PAGE DESCRIPTION:

1 TYPICAL ELEVATIONS & PLAN VIEWS
1 N.T.S.
ELEV / HORIZ SECTION

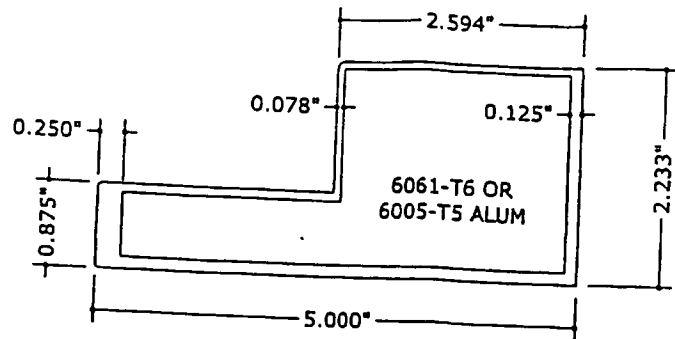
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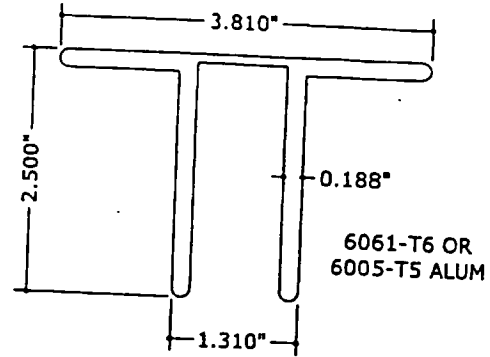
1 **EXTRUDED ALUM SLAT**
6" = 1'-0"



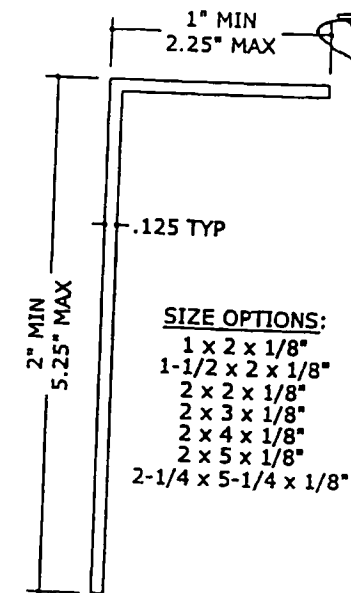
2 **TRACK**
6" = 1'-0"



3 **CUSTOM HEADER**
6" = 1'-0"

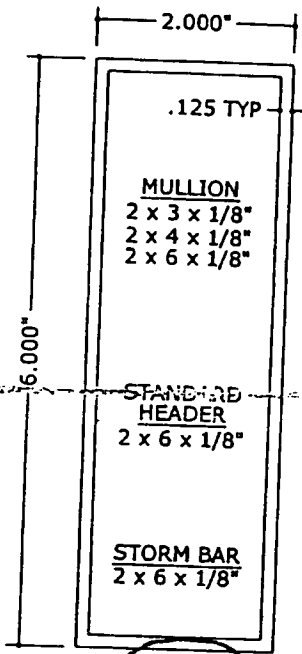


4 **'T' CLIP**
6" = 1'-0"

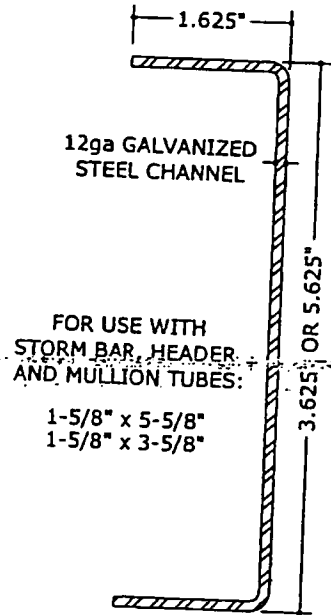


5 **ALUMINUM ANGLES**
6" = 1'-0"

SIZE OPTIONS:
 1 x 2 x 1/8"
 1-1/2 x 2 x 1/8"
 2 x 2 x 1/8"
 2 x 3 x 1/8"
 2 x 4 x 1/8"
 2 x 5 x 1/8"
 2-1/4 x 5-1/4 x 1/8"



6 **ALUM TUBES**
6" = 1'-0"



7 **STIFFENERS**
6" = 1'-0"

GENERAL SCHEDULE NOTES:

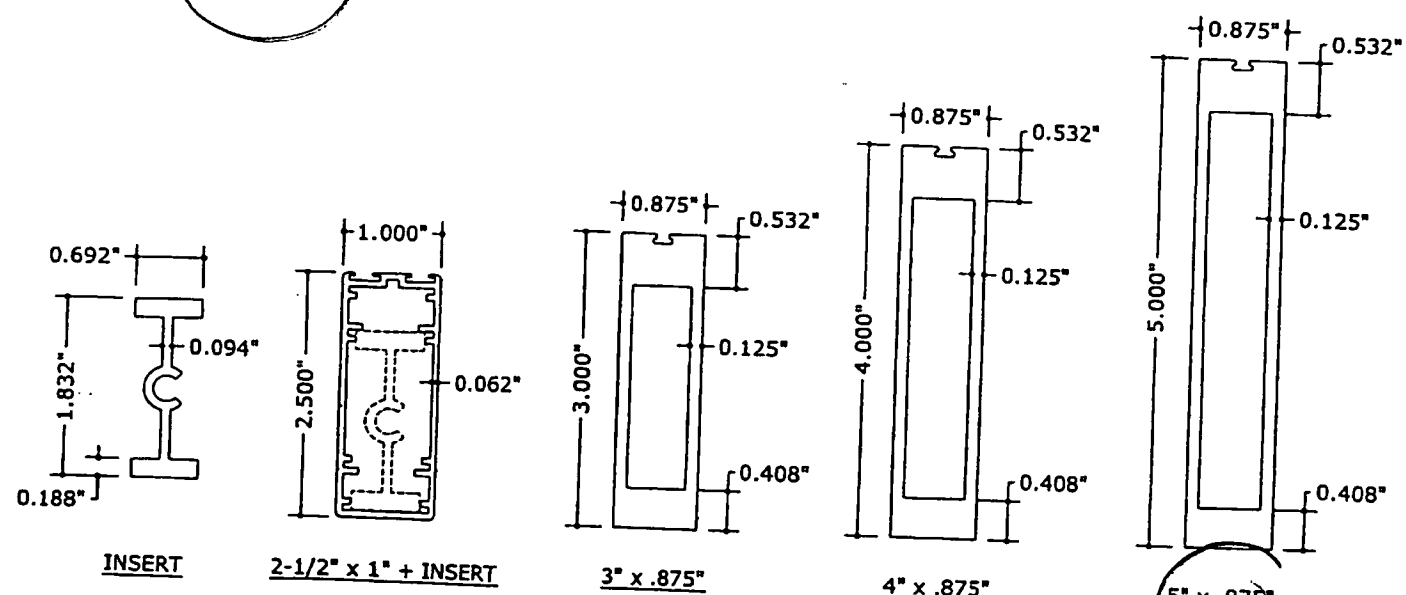
1. DETERMINE NUMBER OF STORM BARS (IF ANY) REQUIRED PER SCHEDULE 1.
2. TRACK ANCHORS SHALL BE SPACED PER SCHEDULE 2.
3. DETERMINE STORM BAR SIZE REQUIRED PER SCHEDULE 3. NOTE "REACTION AT ENDS" FOR DETERMINATION OF CONNECTIONS AND HEADER SIZE.
4. STORM BAR CONNECTIONS SHALL BE DETERMINED USING SCHEDULES 4 THRU 7, BASED ON GIVEN CONDITIONS AND "REACTION AT ENDS" PROVIDED PER SCHEDULE 3.
5. DETERMINE HEADER SIZE REQUIRED PER SCHEDULE 8. NOTE "HEADER REACTION AT ENDS" FOR HEADER CONNECTION DETERMINATION.
6. HEADER CONNECTIONS SHALL BE DETERMINED USING SCHEDULES 9 THRU 14, BASED ON GIVEN CONDITIONS AND "REACTION AT ENDS" PROVIDED PER SCHEDULE 8.
7. DETERMINE MULLION SIZE REQUIRED (IF ANY) PER SCHEDULE 15.
8. MULLION CONNECTIONS SHALL BE DETERMINED USING SCHEDULES 16 THRU 18, BASED ON GIVEN CONDITIONS AND "REACTION AT ENDS" PROVIDED PER SCHEDULE 15.

1 **SHUTTER WIDTH SCHEDULE**

WIND LOAD (+/-)	SINGLE SPAN	TWO SPANS	THREE SPANS
20 PSF	74.0"	148.0"	220.0"
30 PSF	74.0"	148.0"	220.0"
40 PSF	71.0"	148.0"	220.0"
50 PSF	68.5"	148.0"	220.0"
55 PSF	66.3"	148.0"	220.0"
60 PSF	64.4"	148.0"	220.0"
65 PSF	62.7"	148.0"	220.0"
70 PSF	61.2"	145.2"	214.8"
75 PSF	59.8"	140.2"	209.6"
80 PSF	58.6"	135.6"	205.0"
85 PSF	57.4"	131.4"	200.6"
90 PSF	56.4"	127.6"	196.7"
95 PSF	55.4"	124.2"	193.0"
100 PSF	54.5"	121.0"	189.8"
105 PSF	53.7"	118.0"	186.5"
110 PSF	52.9"	115.4"	183.5"
115 PSF	52.2"	112.8"	180.8"
120 PSF	51.5"	110.4"	178.4"
125 PSF	50.8"	108.2"	175.7"
130 PSF	50.2"	106.2"	173.6"
135 PSF	49.6"	104.2"	171.4"
140 PSF	49.0"	102.4"	168.3"
145 PSF	48.5"	100.6"	165.3"
150 PSF	48.0"	99.0"	162.5
155 PSF	47.5"	97.4"	159.9"
160 PSF	47.0"	95.8"	157.7"
165 PSF	46.6"	94.4"	155.0"
170 PSF	46.2"	93.0"	152.7"
175 PSF	45.8"	91.8"	150.5"
180 PSF	45.4"	90.4"	148.4"
185 PSF	45.0"	89.2"	148.0"
190 PSF	44.6"	88.2"	148.0"
195 PSF	44.3"	87.0"	148.0"
200 PSF	44.0"	86.0"	148.0"

SHUTTER WIDTH SCHEDULE NOTES:

1. SPANS SHOWN IN "SHUTTER WIDTH SCHEDULE" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE FOR SINGLE-, TWO-, OR THREE-SPAN CONDITIONS.
2. THIS SCHEDULE MAY BE USED FOR ALL TRACK MOUNTING CONDITIONS LISTED HEREIN
3. MINIMUM SLAT ENGAGEMENT INTO TRACK SHALL BE 1-1/4" FOR ALL CONDITIONS.



8 **STORM BARS**
6" = 1'-0"

FRANK L. BERNARDO, P.E.
PE0046549

03/06/2008

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REMARKS: INT ISSUE

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CHKD: FLB

DATE: 3/2/08

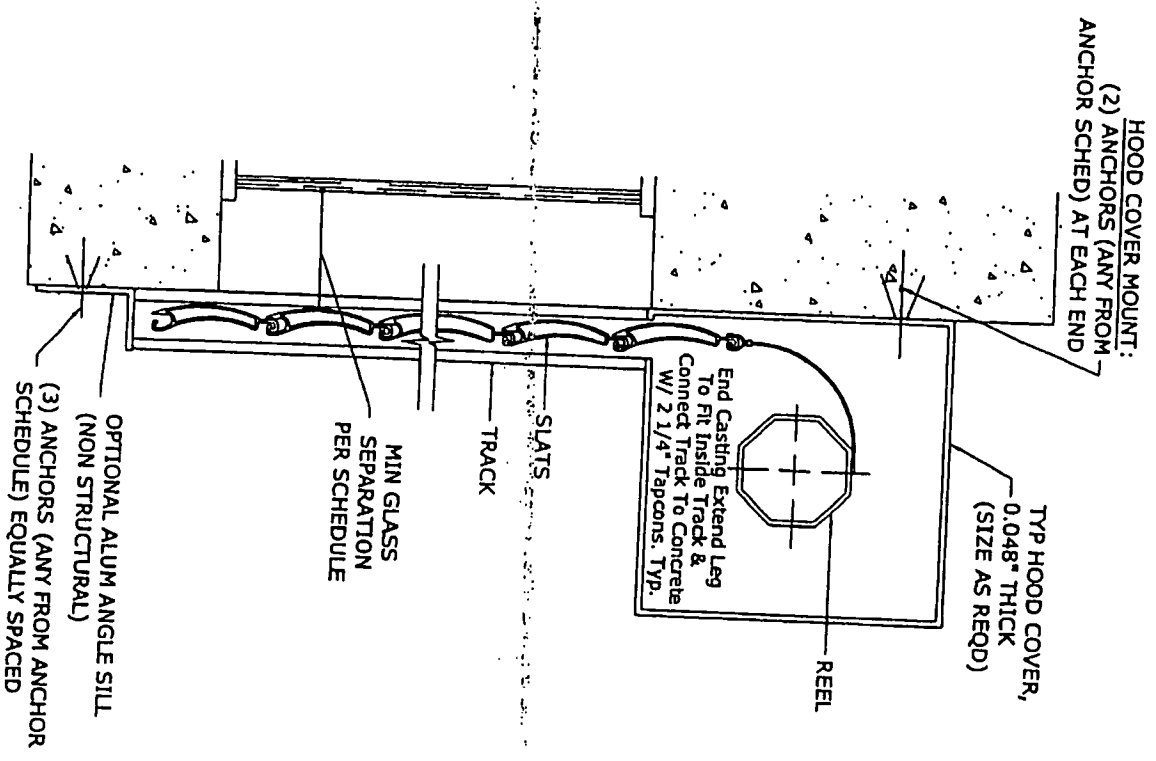
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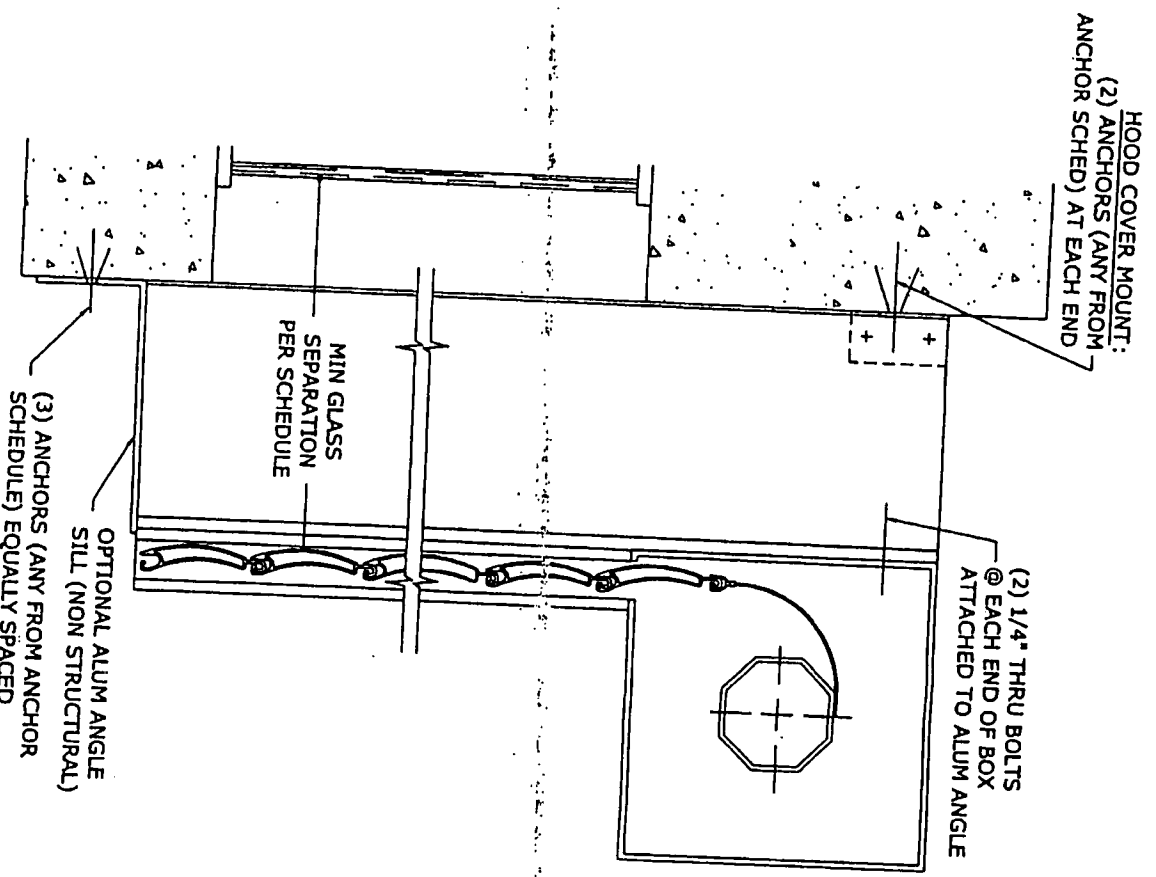
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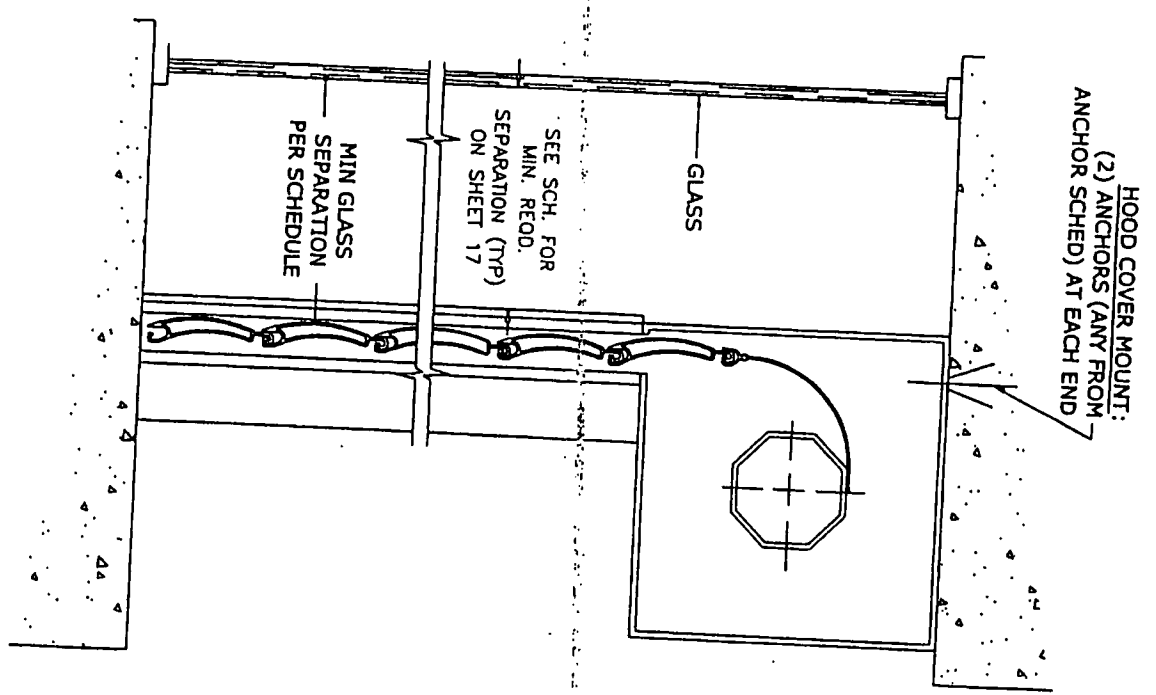
TRACK MOUNT DETAILS



1 WALL FACE TRACK MOUNT
N.T.S.
VERT SECT



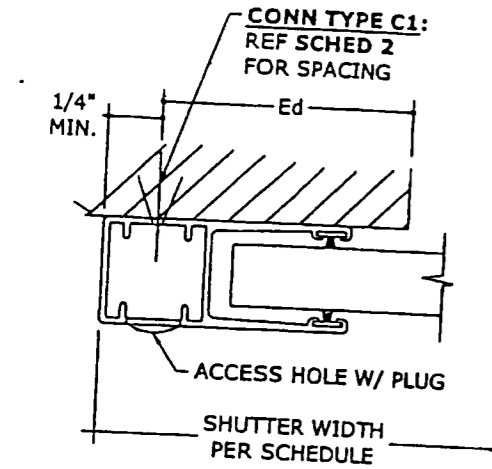
2 BUILD OUT TRACK MOUNT
N.T.S.
VERT SECT



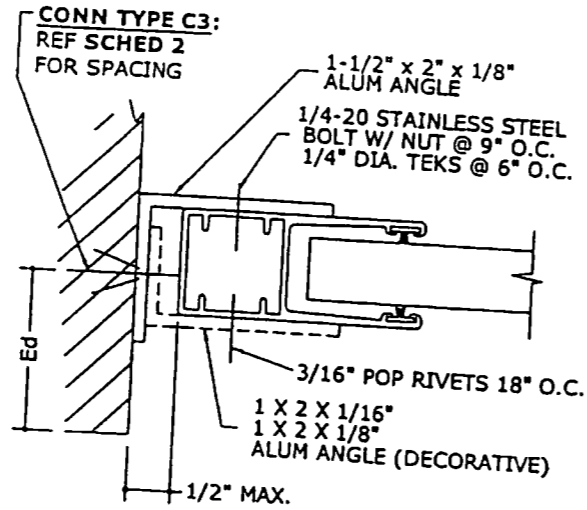
3 TRAPPED TRACK MOUNT
N.T.S.
VERT SECT

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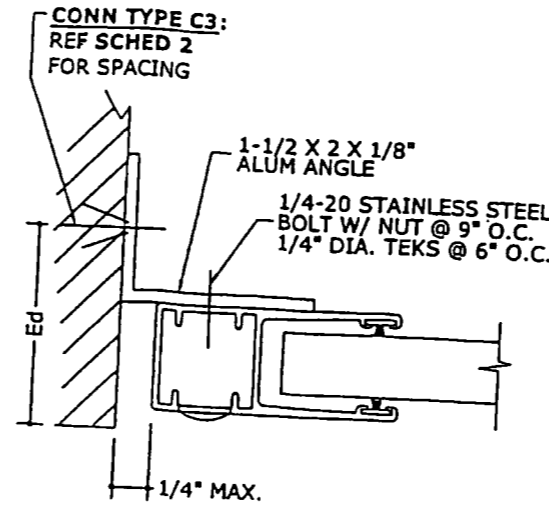
TRACK CONNECTION DETAILS



1
4 WALL FACE TRACK MOUNT
1:1 SCALE HORIZ SECTION

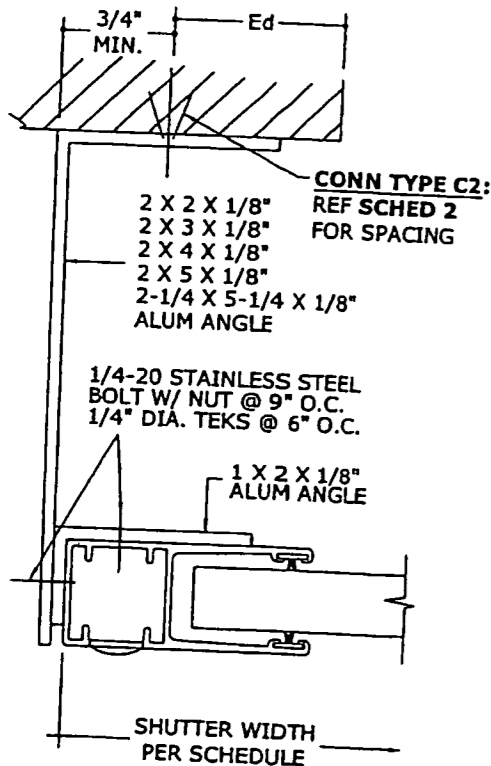


2
4 TRAPPED TRACK MOUNT
1:1 SCALE HORIZ SECTION

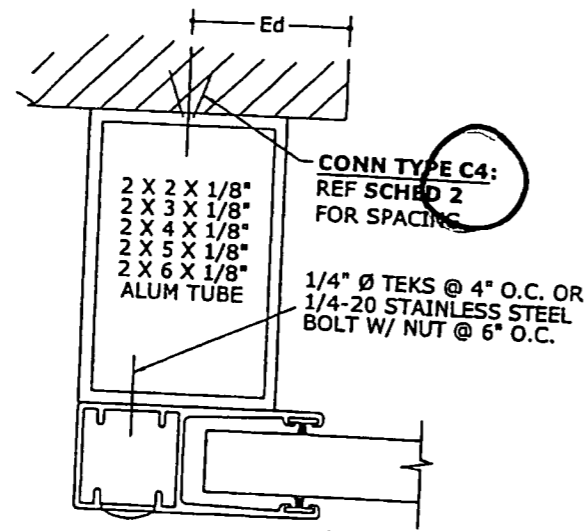


3
4 TRAPPED (ALT) TRACK MOUNT
1:1 SCALE HORIZ SECTION

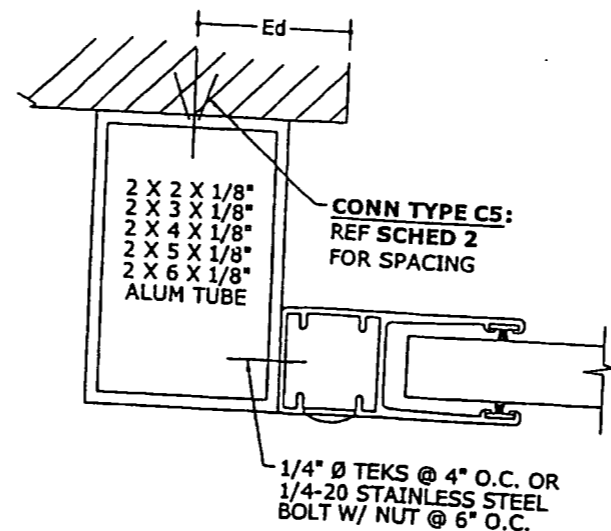
MINIMUM SLAT ENGAGEMENT INTO TRACK = 1-1/4"
(TYPICAL ALL INSTALLATIONS)



4
4 BUILDOUT ANGLE TRACK MOUNT
1:1 SCALE HORIZ SECTION



5
4 BUILDOUT TUBE TRACK MOUNT (FACE)
1:1 SCALE HORIZ SECTION



6
4 BUILDOUT TUBE TRACK MOUNT (TRAPPED)
1:1 SCALE HORIZ SECTION

2 TRACK MOUNT ANCHOR SCHEDULE

BASE MAT'L	ANCHOR TYPE	DESIGN LOAD (PSF)	CONNECTION TYPE				
			C1	C2	C3	C4	C5
CONCRETE	A 1/4" ITW TAPCON WITH 1-3/4" MIN EMBED TO 3000psi CONC (MIN)	50	8"	12"	9"	12"	9"
		80	6"	10"	8"	10"	8"
		100	5"	7"	6"	10"	5"
		140	4"	5"	4"	8"	4"
	C 1/4-20 POWERS CALK-IN WITH 7/8" MIN EMBED TO 3000psi CONC (MIN)	50	10"	12"	8"	12"	11"
		60	7"	12"	8"	12"	10"
		100	6"	9"	6"	12"	6"
		140	5"	7"	4"	10"	5"
HOLLOW BLOCK	B 1/4" ITW TAPCON WITH 1-1/4" MIN EMBEDMENT	50	3"	4"	5"	4"	3"
		60	3"	4"	5"	4"	3"
		100	3"	3"	5"	4"	3"
		140	3"	3"	3"	3"	3"
	D 1/4-20 POWERS CALK-IN WITH 7/8" MIN EMBED	50	4"	6"	7"	6"	5"
		60	3"	5"	6"	6"	4"
		100	3"	3"	4"	5"	4"
		140	3"	3"	3"	4"	3"
WOOD	E #14 WOOD SCREW OR S.M.S. WITH 1-1/2" MIN EMBEDMENT	50	6"	9"	3"	9"	6"
		60	4"	7"	3"	9"	6"
		100	4"	5"	3"	8"	4"
		140	3"	4"	3"	6"	3"
	F 1/4" LAG SCREW WITH 1-1/2" MIN EMBEDMENT	50	7"	11"	3"	11"	8"
		60	5"	9"	3"	11"	7"
		100	5"	6"	3"	9"	4"
		140	4"	4"	3"	7"	4"
200	3"	4"	3"	5"	3"		

ANCHOR NOTES:

- ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO HOLLOW BLOCK. EDGE DISTANCE OF 1-1/4" IS ACCEPTABLE FOR ANCHORS TO WOOD.
- MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
- WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x4 (MIN) WOOD STUD (I.E. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING). WOOD SUBSTRATES SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
- ANCHOR SCHEDULE APPLIES FOR ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
- MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFER HEAD ("SIDEWALK BOLT") U.N.O.
- DESIGNATES ANCHOR CONDITIONS WHICH ARE NOT ACCEPTABLE FOR USE.

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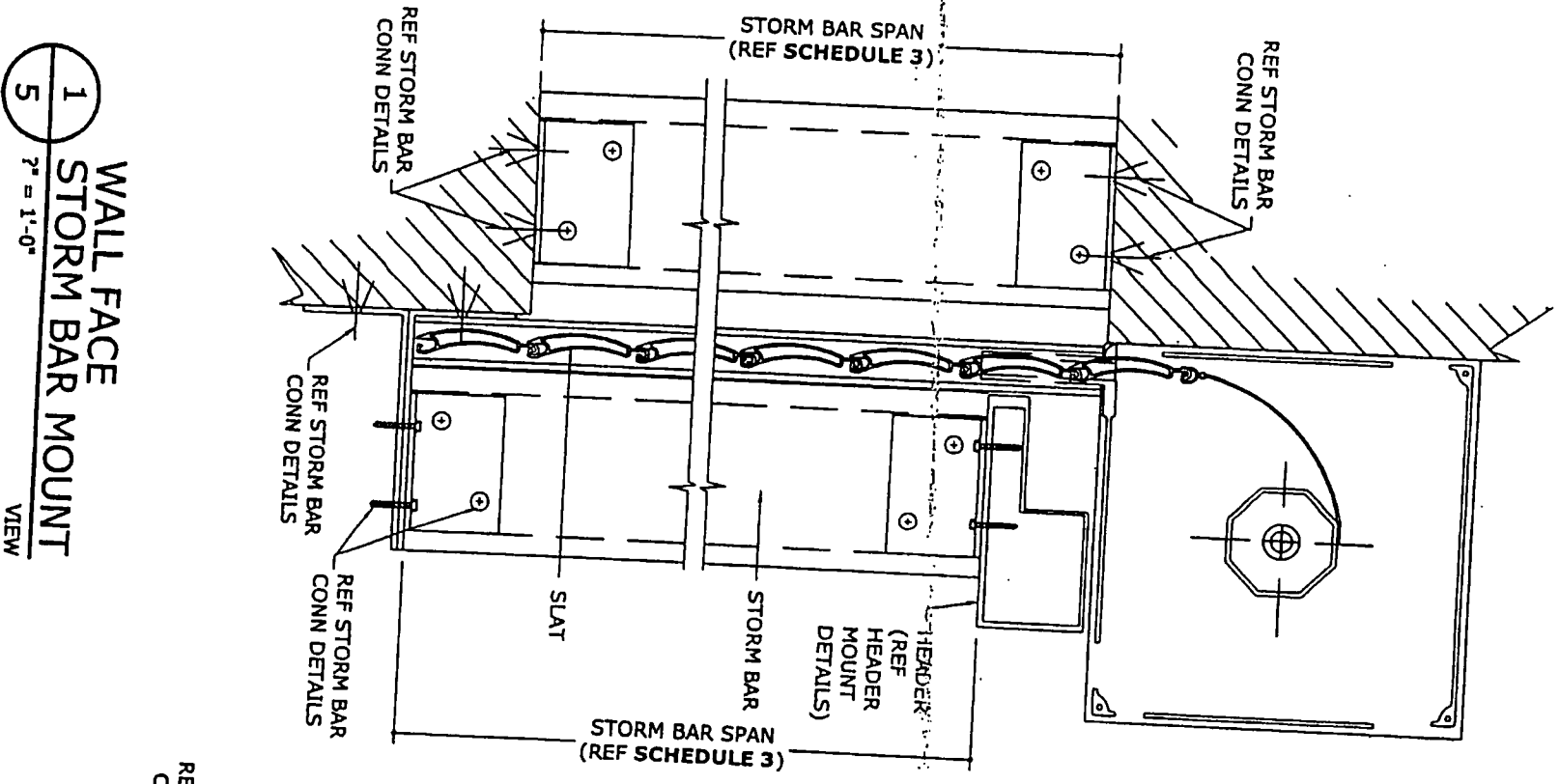
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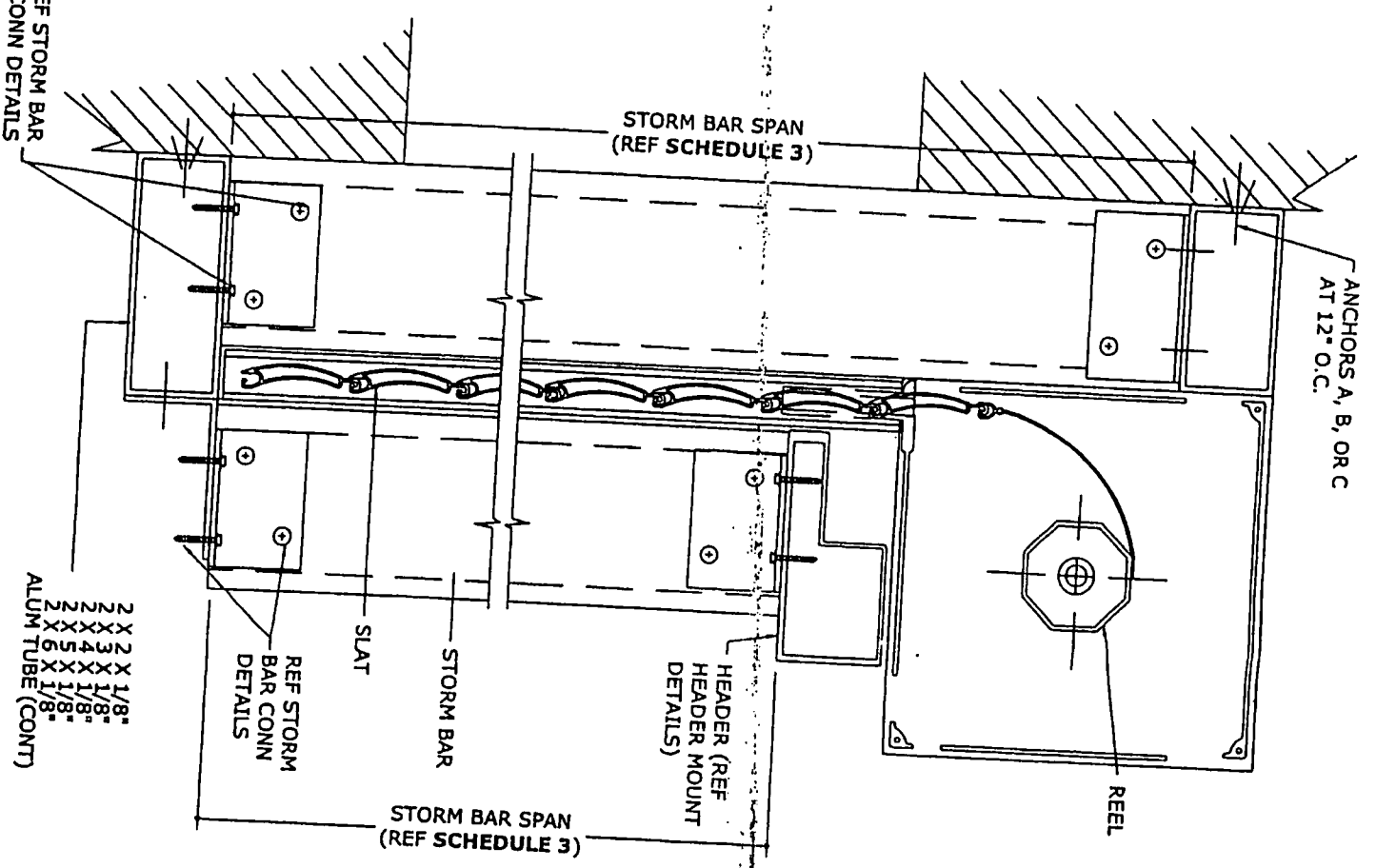
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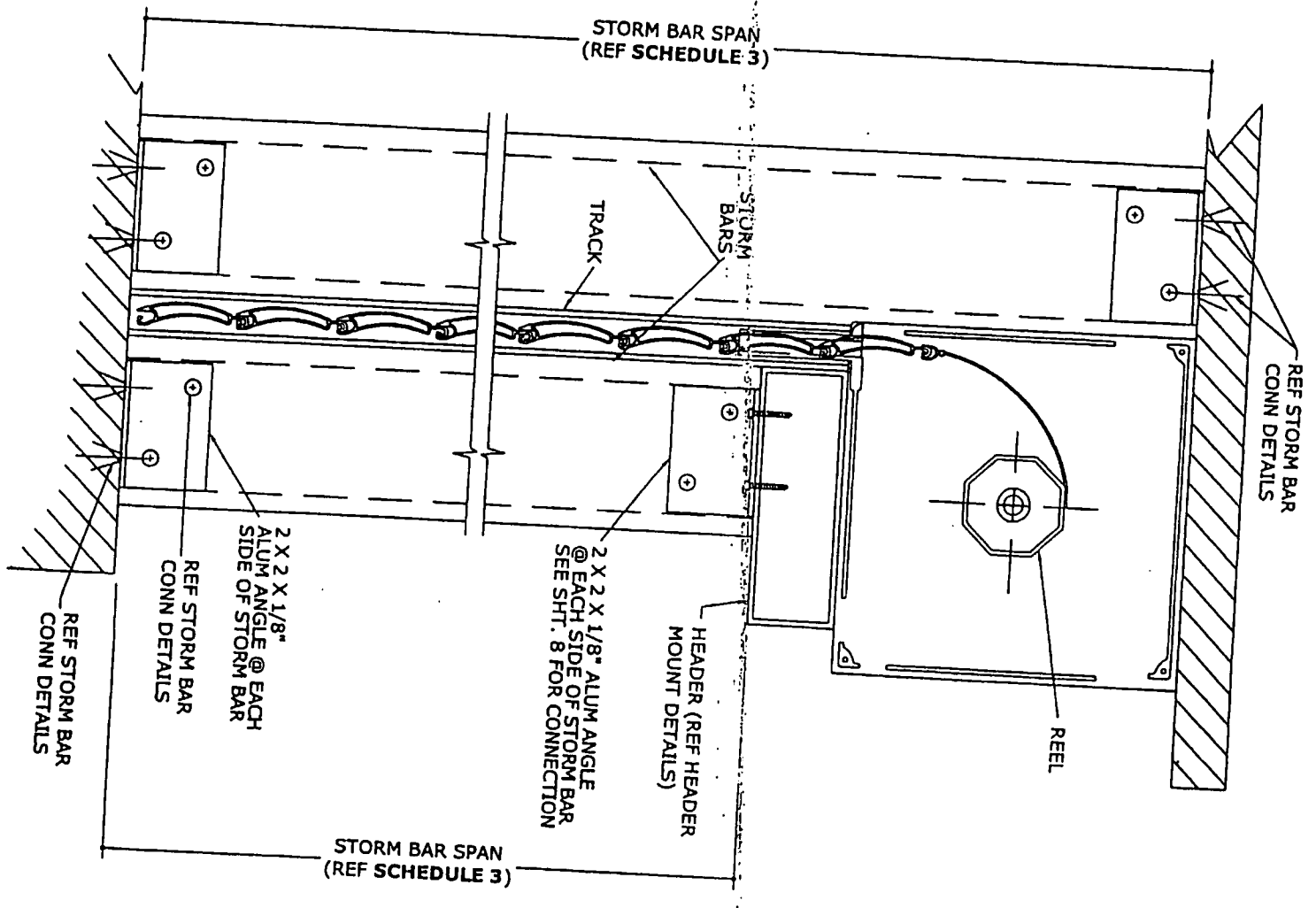
STORM BAR MOUNT DETAILS



1
WALL FACE
STORM BAR MOUNT
VIEW
5
7" = 1'-0"



2
BUILDOUT
STORM BAR MOUNT
VIEW
5
7" = 1'-0"



3
TRAPPED
STORM BAR MOUNT
VIEW
5
7" = 1'-0"

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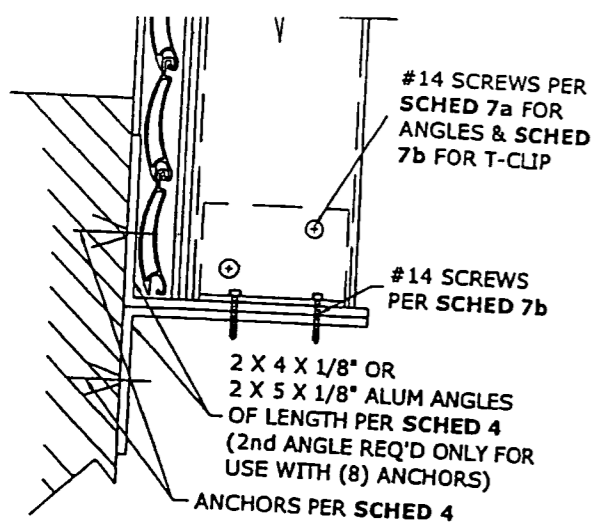
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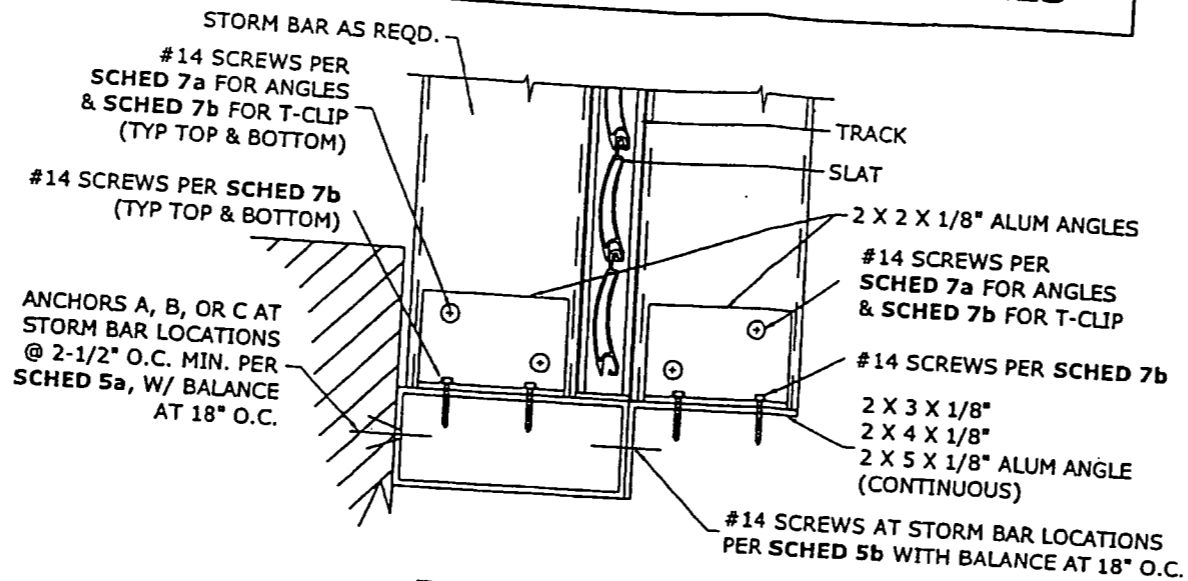
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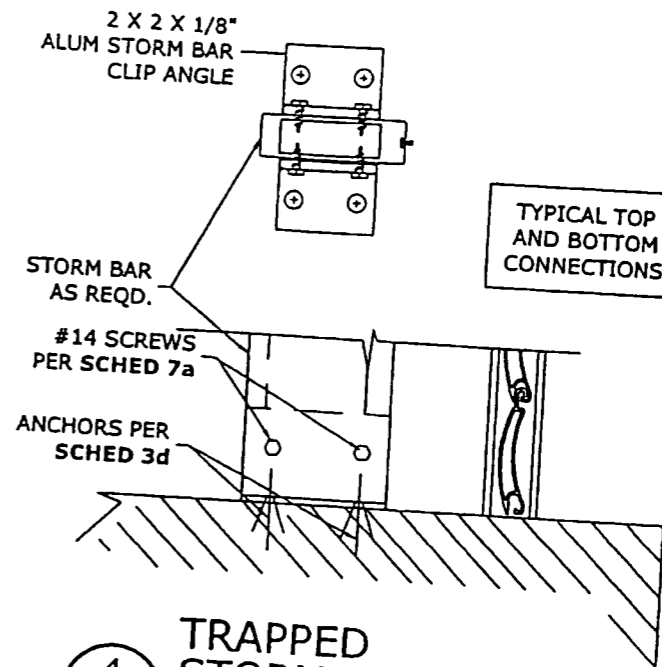
STORM BAR CONNECTION DETAILS



1 WALL FACE STORM BAR CONN
N.T.S. VERT SECTION

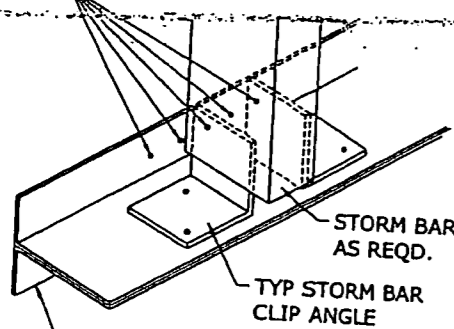


3 BUILDOUT STORM BAR CONN
N.T.S. VERT SECTION



4 TRAPPED STORM BAR CONN
N.T.S. VERT SECTION

ANCHORS SPECIFIED IN CONNECTION TABLE (TYP TOP & BOTTOM ANGLE, WHERE APPROPRIATE). BUILDOUT CONNECTION TABLE ANCHORS ARE SIMILAR.



2 WALL FACE STORM BAR CONN
N.T.S. ISOMETRIC

ONLY (1) ANGLE REQ'D FOR USE WITH (6) ANCHORS OR LESS. 2nd ANGLE REQ'D ONLY FOR USE WITH (8) ANCHORS.

4 WALL FACE STORM BAR CONNECTION (ANGLE)

ANGLE LENGTH	NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
9"	4	A	CONCRETE	586 LB
		B	BLOCK	586 LB
		C	CONCRETE	586 LB
		D	BLOCK	586 LB
		E	WOOD	586 LB
		F	WOOD	586 LB
12"	4	A	CONCRETE	780 LB
		B	BLOCK	616 LB
		C	CONCRETE	780 LB
		D	BLOCK	780 LB
		E	WOOD	780 LB
		F	WOOD	780 LB
15"	6	A	CONCRETE	975 LB
		B	BLOCK	924 LB
		C	CONCRETE	975 LB
		D	BLOCK	975 LB
		E	WOOD	975 LB
		F	WOOD	975 LB
18"	6	A	CONCRETE	1170 LB
		B	BLOCK	924 LB
		C	CONCRETE	1170 LB
		D	BLOCK	1170 LB
		E	WOOD	1170 LB
		F	WOOD	1170 LB
24"	8*	A	CONCRETE	1560 LB
		B	BLOCK	1232 LB
		C	CONCRETE	1560 LB
		D	BLOCK	1560 LB
		E	WOOD	1560 LB
		F	WOOD	1560 LB

* NOTE: USE (2) ANGLES WHEN (8) ANCHORS REQUIRED

5a BUILDOUT STORM BAR CONNECTION (TUBE)

NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
2	A	CONCRETE	421 LB
	B	BLOCK	154 LB
	C	CONCRETE	526 LB
	D	BLOCK	220 LB
	E	WOOD	312 LB
	F	WOOD	390 LB
3	A	CONCRETE	586 LB
	B	BLOCK	231 LB
	C	CONCRETE	586 LB
	D	BLOCK	330 LB
	E	WOOD	468 LB
	F	WOOD	586 LB
4	A	CONCRETE	586 LB
	B	BLOCK	308 LB
	C	CONCRETE	586 LB
	D	BLOCK	440 LB
	E	WOOD	586 LB
	F	WOOD	586 LB

5b ANGLE CONNECTION TO BUILDOUT TUBE

NUMBER OF SCREWS	CONNECTION CAPACITY
2	265 LB
3	397 LB
4	530 LB

NOTE: ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

6 TRAPPED STORM BAR CONNECTION (DIRECT)

ANGLE LENGTH	NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
2"	2	A	CONCRETE	874 LB
		B	BLOCK	530 LB
		C	CONCRETE	882 LB
		D	BLOCK	670 LB
		E	WOOD	302 LB
		F	WOOD	214 LB
3.5"	4	A	CONCRETE	1748 LB
		B	BLOCK	1060 LB
		C	CONCRETE	1764 LB
		D	BLOCK	1340 LB
		E	WOOD	604 LB
		F	WOOD	428 LB
6.5"	6	A	CONCRETE	2622 LB
		B	BLOCK	1590 LB
		C	CONCRETE	2646 LB
		D	BLOCK	2010 LB
		E	WOOD	906 LB
		F	WOOD	642 LB
9"	8	A	CONCRETE	3496 LB
		B	BLOCK	2120 LB
		C	CONCRETE	3528 LB
		D	BLOCK	2680 LB
		E	WOOD	1208 LB
		F	WOOD	856 LB

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PE0046549

03/06/2006
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CERTIFICATE OF AUTHORIZATION: #9885

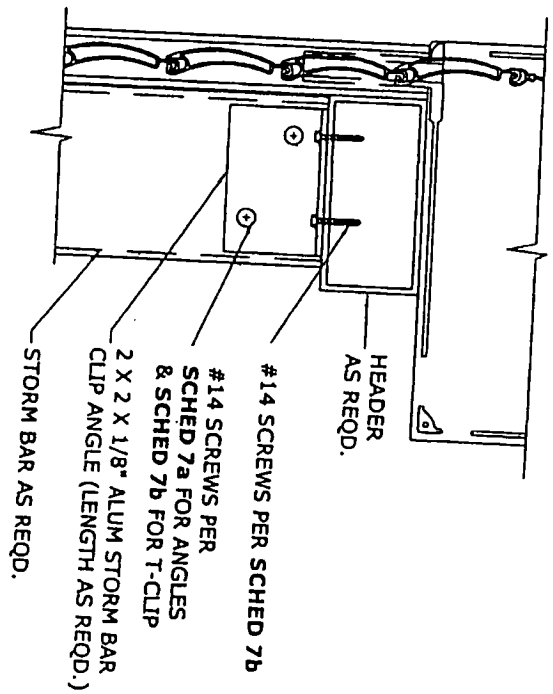


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1
8
STORM BAR CONN
TO HEADER
VERT SECTION
N.T.S.

7a
STORM BAR BRACKET
CONNECTION (ANGLES)

CLIP ANGLE LENGTH	SCREWS PER LEG	SCREW SPACING	CONNECTION CAPACITY
2"	2	1 1/2"	1230 LB
2"	3	3/4"	1476 LB
3"	2	2"	1406 LB
3"	3	2"	1736 LB
3"	4	3/4"	2236 LB
4"	2	1 1/2"	1640 LB
4"	3	1"	2108 LB
4"	4	1"	2588 LB
5"	2	3/4"	3074 LB
5"	3	2"	1789 LB
5"	4	1 1/4"	2860 LB
5"	5	1"	3514 LB
* 2"	2	1 1/2"	773 LB
* 2"	3	3/4"	928 LB

* FOR USE ONLY WITH 2" & 2-1/2" STORM BARS WITH 1/16" WALL THICKNESS

7b
STORM BAR BRACKET
CONNECTION (T' CLIP)

NUMBER OF SCREWS	CONNECTION CAPACITY
1	1231 LB
2	2463 LB
3	3694 LB
4	4926 LB

NOTE:
ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

HEADER MOUNT DETAILS

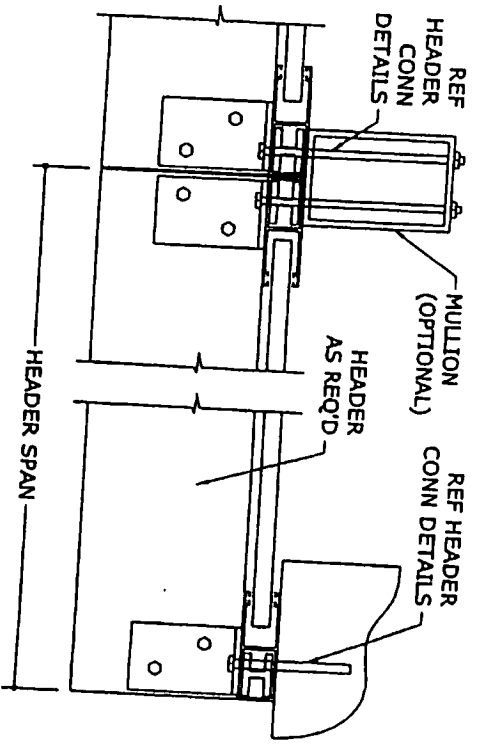
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HEADER SCHEDULE * SEE SITE SPECIFIC *

HEADER SPAN	TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS	
	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS
60"	2206 lb	1103 lb	1654 lb	1654 lb	2759 lb	1380 lb	2069 lb	2069 lb	4819 lb	2410 lb	3614 lb	3614 lb
66"	2005 lb	1003 lb	1504 lb	1504 lb	2508 lb	1254 lb	1881 lb	1881 lb	4381 lb	2191 lb	3286 lb	3286 lb
72"	1838 lb	919 lb	1378 lb	1378 lb	2299 lb	1150 lb	1724 lb	1724 lb	4016 lb	2008 lb	3012 lb	3012 lb
78"	1696 lb	848 lb	1272 lb	1272 lb	2122 lb	1061 lb	1592 lb	1592 lb	3707 lb	1854 lb	2780 lb	2780 lb
84"	1575 lb	788 lb	1181 lb	1181 lb	1970 lb	985 lb	1478 lb	1478 lb	3442 lb	1721 lb	2582 lb	2582 lb
90"	1470 lb	735 lb	1102 lb	1102 lb	1839 lb	920 lb	1380 lb	1380 lb	3213 lb	1607 lb	2410 lb	2410 lb
96"	1378 lb	689 lb	1033 lb	1033 lb	1724 lb	862 lb	1293 lb	1293 lb	3012 lb	1506 lb	2259 lb	2259 lb
102"	1297 lb	649 lb	973 lb	973 lb	1623 lb	812 lb	1217 lb	1217 lb	2835 lb	1418 lb	2126 lb	2126 lb
108"	1225 lb	613 lb	918 lb	918 lb	1533 lb	766 lb	1149 lb	1149 lb	2677 lb	1339 lb	2008 lb	2008 lb
114"	1160 lb	580 lb	870 lb	870 lb	1452 lb	726 lb	1089 lb	1089 lb	2536 lb	1268 lb	1902 lb	1902 lb
120"	1102 lb	551 lb	826 lb	826 lb	1379 lb	690 lb	1034 lb	1034 lb	2410 lb	1205 lb	1807 lb	1807 lb
126"	1049 lb	525 lb	786 lb	786 lb	1314 lb	657 lb	985 lb	985 lb	2295 lb	1148 lb	1727 lb	1727 lb
132"	953 lb	477 lb	751 lb	751 lb	1254 lb	627 lb	940 lb	940 lb	2190 lb	1095 lb	1643 lb	1643 lb
138"	912 lb	456 lb	718 lb	718 lb	1200 lb	600 lb	899 lb	899 lb	2095 lb	1048 lb	1571 lb	1571 lb
144"	873 lb	437 lb	688 lb	688 lb	1150 lb	575 lb	862 lb	862 lb	2008 lb	1005 lb	1506 lb	1506 lb
150"	838 lb	419 lb	661 lb	661 lb	1103 lb	552 lb	827 lb	827 lb	1929 lb	965 lb	1446 lb	1446 lb
156"	806 lb	403 lb	636 lb	636 lb	1061 lb	531 lb	795 lb	795 lb	1854 lb	927 lb	1390 lb	1390 lb
162"	776 lb	385 lb	612 lb	612 lb	1022 lb	511 lb	766 lb	766 lb	1786 lb	893 lb	1338 lb	1338 lb
168"	748 lb	374 lb	591 lb	591 lb	985 lb	493 lb	739 lb	739 lb	1722 lb	861 lb	1290 lb	1290 lb
174"	723 lb	362 lb	571 lb	571 lb	951 lb	476 lb	713 lb	713 lb	1662 lb	831 lb	1246 lb	1246 lb
180"	698 lb	349 lb	551 lb	551 lb	919 lb	460 lb	690 lb	690 lb	1607 lb	804 lb	1204 lb	1204 lb
186"			531 lb	531 lb	889 lb	445 lb	667 lb	667 lb	1555 lb	778 lb	1166 lb	1166 lb
192"			511 lb	511 lb	862 lb	431 lb	646 lb	646 lb	1507 lb	754 lb	1130 lb	1130 lb
198"			493 lb	493 lb	836 lb	418 lb	627 lb	627 lb	1461 lb	731 lb	1095 lb	1095 lb
204"			476 lb	476 lb	811 lb	406 lb	607 lb	607 lb	1418 lb	709 lb	1063 lb	1063 lb
210"			456 lb	456 lb	786 lb	394 lb	588 lb	588 lb	1378 lb	689 lb	1032 lb	1032 lb
216"			437 lb	437 lb	766 lb	382 lb	569 lb	569 lb	1339 lb	670 lb	1004 lb	1004 lb
222"			419 lb	419 lb	748 lb	374 lb	552 lb	552 lb	1303 lb	652 lb	976 lb	976 lb

HEADER SCHEDULE NOTES:

- "MAX STORM BAR TOP REACTIONS" SHOWN IN "HEADER SCHEDULE" ARE MAXIMUM ALLOWABLE STORM BAR END REACTIONS AT EACH RESPECTIVE HEADER SPAN FOR TWO- & THREE-SPAN CONDITIONS.
- "HEADER REACTION AT ENDS" IS LISTED FOR EACH COMBINATION OF HEADER SPAN, HEADER TYPE, & SPAN CONDITION. CHOOSE NUMBER OF ANCHORS FOR DESIRED MOUNTING CONNECTION (PER APPROPRIATE SCHEDULES 9 THRU 14) THAT PROVIDES "CONNECTION CAPACITY" GREATER THAN OR EQUAL TO "HEADER REACTION AT ENDS" GIVEN ABOVE.
- ALLOWABLE CONDITIONS PROVIDED ABOVE MAY BE USED WITH ANY SLAT SPAN ACCORDING TO SCHEDULE 1.
- THIS SCHEDULE MAY BE USED FOR ALL HEADER MOUNTING CONDITIONS LISTED HEREIN.

* SEE SITE SPECIFIC *
ATTACHED



1
6
TYPICAL STORM BAR LAYOUT
PLAN VIEW
N.T.S.

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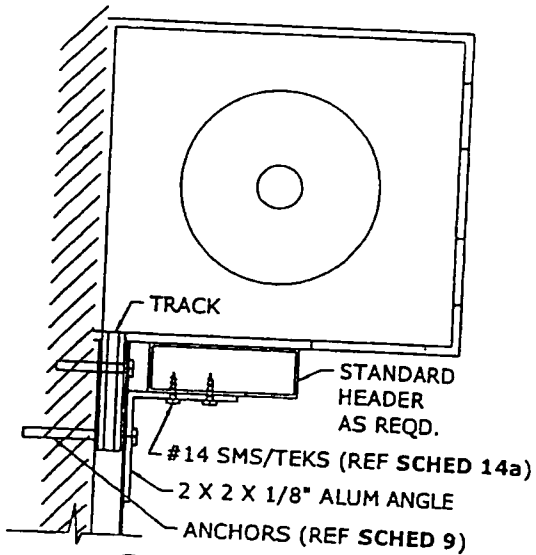
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INIT ISSUE	CL	FLB	3/2/08

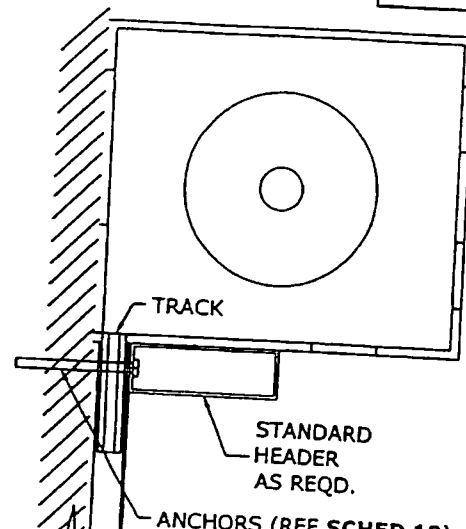
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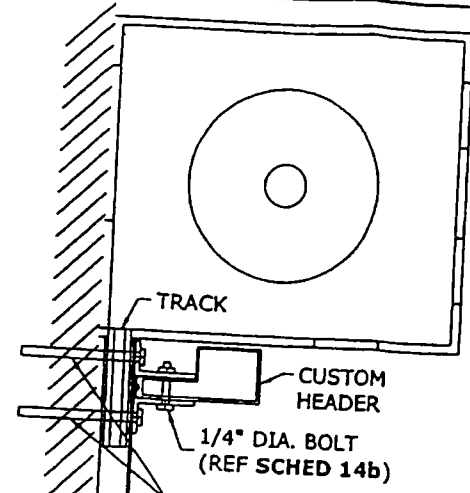
HEADER CONNECTION DETAILS



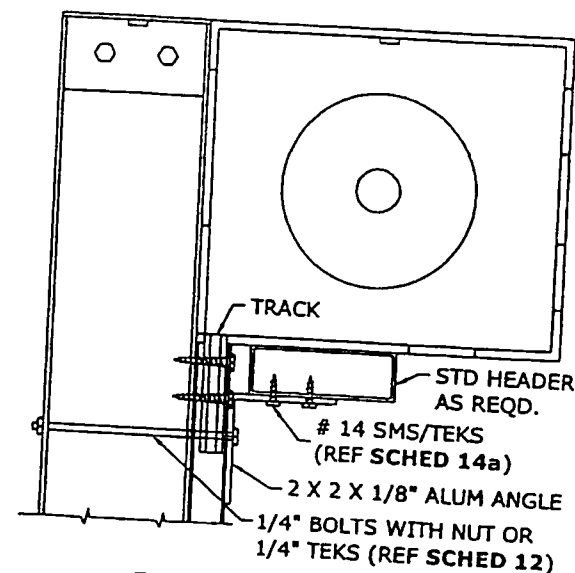
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9 N.T.S. VERT SECTION
STANDARD HEADER MOUNT TO WALL



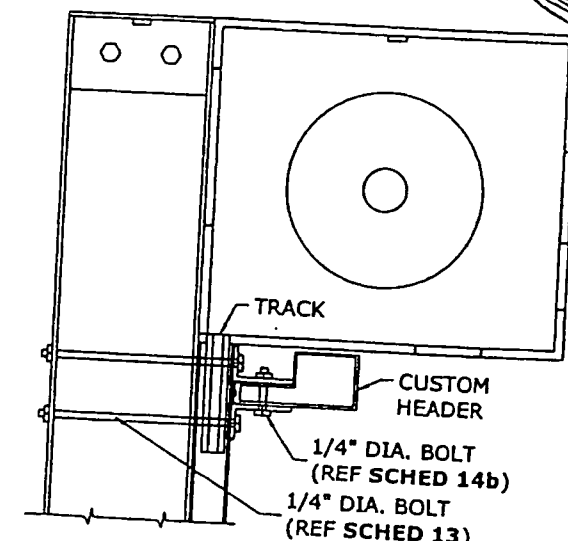
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9 N.T.S. VERT SECTION
STANDARD HEADER MOUNT TO WALL



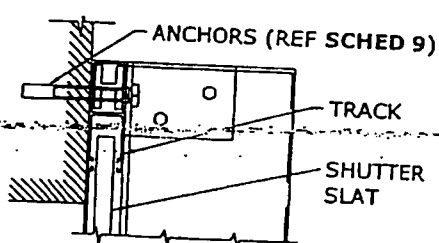
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9 N.T.S. VERT SECTION
CUSTOM HEADER MOUNT TO WALL



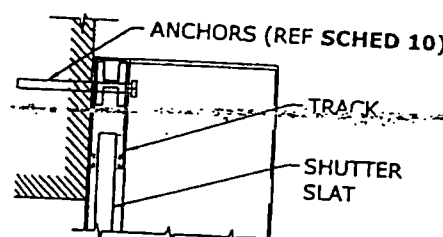
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9 N.T.S. VERT SECTION
STANDARD HEADER MOUNT TO MULLION



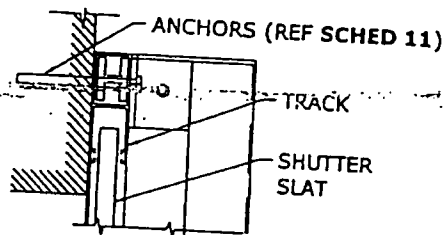
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9 N.T.S. VERT SECTION
CUSTOM HEADER MOUNT TO MULLION



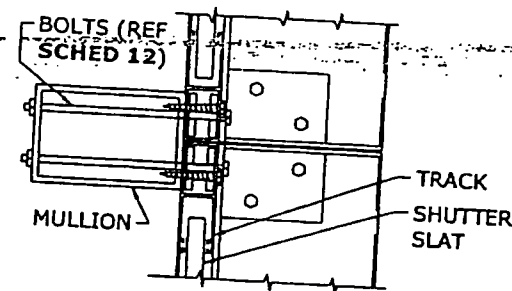
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9 N.T.S. HORIZ SECTION
STANDARD HEADER MOUNT TO WALL



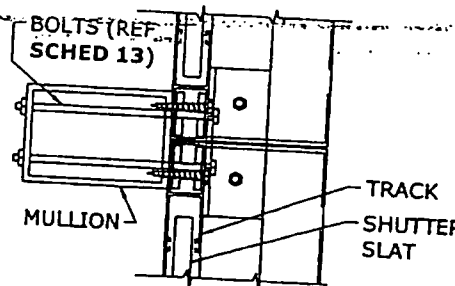
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9 N.T.S. HORIZ SECTION
STANDARD HEADER MOUNT TO WALL



6
9 N.T.S. HORIZ SECTION
CUSTOM HEADER MOUNT TO WALL



8
9 N.T.S. HORIZ SECTION
STANDARD HEADER MOUNT TO MULLION



10
9 N.T.S. HORIZ SECTION
CUSTOM HEADER MOUNT TO MULLION

9
STANDARD HEADER CONN TO WALL (ANGLE)

ANGLE LENGTH	NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
4"	2	A	CONCRETE	260 LB
		B	BLOCK	193 LB
		C	CONCRETE	260 LB
		D	BLOCK	260 LB
		E	WOOD	260 LB
		F	WOOD	260 LB
6"	3	A	CONCRETE	391 LB
		B	BLOCK	289 LB
		C	CONCRETE	391 LB
		D	BLOCK	391 LB
		E	WOOD	391 LB
		F	WOOD	391 LB
9"	4	A	CONCRETE	586 LB
		B	BLOCK	385 LB
		C	CONCRETE	586 LB
		D	BLOCK	550 LB
		E	WOOD	586 LB
		F	WOOD	586 LB
12"	5	A	CONCRETE	781 LB
		B	BLOCK	481 LB
		C	CONCRETE	781 LB
		D	BLOCK	585 LB
		E	WOOD	781 LB
		F	WOOD	781 LB

10
STD HEADER CONN TO WALL (DIRECT)

NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
1	A	CONCRETE	427 LB
	B	BLOCK	154 LB
	C	CONCRETE	526 LB
	D	BLOCK	220 LB
	E	WOOD	312 LB
	F	WOOD	390 LB
2	A	CONCRETE	842 LB
	B	BLOCK	308 LB
	C	CONCRETE	1052 LB
	D	BLOCK	440 LB
	E	WOOD	624 LB
	F	WOOD	780 LB
4	A	CONCRETE	1684 LB
	B	BLOCK	616 LB
	C	CONCRETE	2104 LB
	D	BLOCK	880 LB
	E	WOOD	1248 LB
	F	WOOD	1560 LB

NOTE:
ANCHOR TYPES SPECIFIED IN ALL "CONNECTION"
SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN
SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

11
CUSTOM HEADER CONN TO WALL

NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
2	A	CONCRETE	842 LB
	B	BLOCK	308 LB
	C	CONCRETE	1052 LB
	D	BLOCK	440 LB
	E	WOOD	624 LB
	F	WOOD	780 LB
4	A	CONCRETE	1684 LB
	B	BLOCK	616 LB
	C	CONCRETE	2104 LB
	D	BLOCK	880 LB
	E	WOOD	1248 LB
	F	WOOD	1560 LB
6	A	CONCRETE	2526 LB
	B	BLOCK	924 LB
	C	CONCRETE	3156 LB
	D	BLOCK	1320 LB
	E	WOOD	1872 LB
	F	WOOD	2340 LB

12
STANDARD HEADER CONN TO MULLION

NUMBER OF FASTENERS	ANGLE LENGTH	CONNECTION CAPACITY
2	4"	260 LB
3	6"	391 LB
4	9"	586 LB
6	12"	781 LB

14a
STANDARD HEADER BRACKET CONN

NUMBER OF SCREWS	CONNECTION CAPACITY
1	1232 LB
2	2464 LB
3	3695 LB
4	4928 LB

14b
CUSTOM HEADER BRACKET CONN

NUMBER OF BOLTS	CONNECTION CAPACITY
1	467 LB
2	934 LB
3	1401 LB
4	1868 LB
5	2335 LB
6	2802 LB

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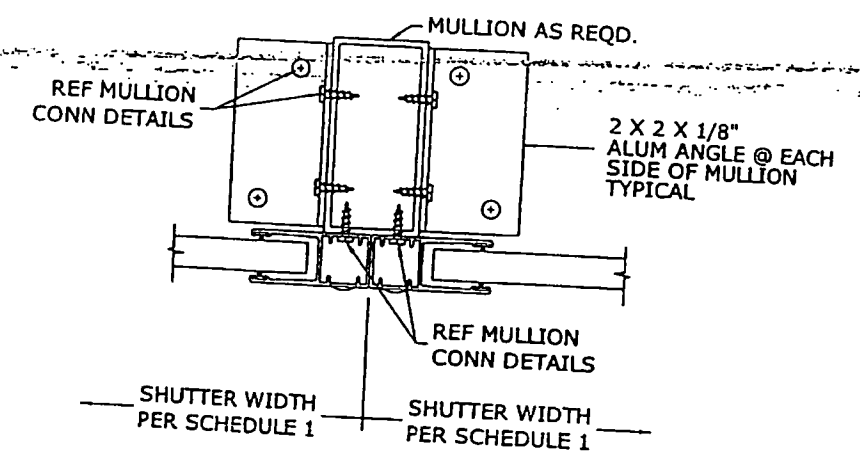
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15 MULLION SPAN SCHEDULE

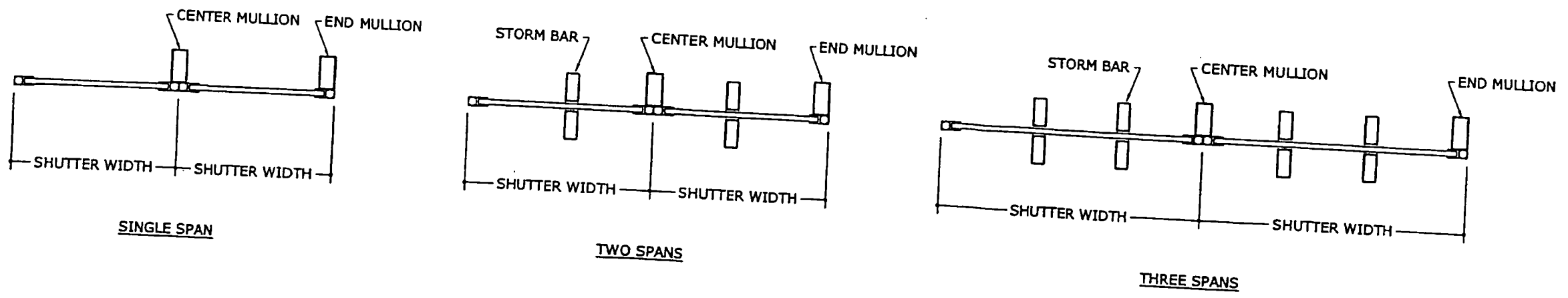
WIND LOAD (+/-)	2" x 3" x 1/8"				2" x 4" x 1/8"				2" x 4" x 1/8" + 3-5/8" STIFFENER				2" x 6" x 1/8"			
	TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS	
	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS
20 psf	94.0"	352 lb	92.0"	367 lb	119.0"	445 lb	116.0"	465 lb	120.0"	447 lb	114.0"	453 lb	168.0"	626 lb	164.0"	653 lb
30 psf	82.0"	461 lb	80.0"	481 lb	104.0"	583 lb	102.0"	609 lb	120.0"	671 lb	114.0"	680 lb	146.0"	820 lb	143.0"	856 lb
40 psf	74.0"	558 lb	73.0"	583 lb	94.0"	706 lb	92.0"	738 lb	120.0"	894 lb	114.0"	906 lb	133.0"	993 lb	130.0"	1037 lb
45 psf	72.0"	604 lb	70.0"	630 lb	91.0"	764 lb	89.0"	798 lb	120.0"	1006 lb	114.0"	1020 lb	128.0"	1074 lb	125.0"	1122 lb
50 psf	69.0"	647 lb	68.0"	676 lb	88.0"	820 lb	86.0"	856 lb	120.0"	1118 lb	114.0"	1133 lb	123.0"	1153 lb	121.0"	1204 lb
55 psf	67.0"	690 lb	65.0"	720 lb	85.0"	873 lb	83.0"	912 lb	120.0"	1229 lb	114.0"	1246 lb	119.0"	1278 lb	117.0"	1283 lb
60 psf	65.0"	731 lb	64.0"	764 lb	82.0"	926 lb	81.0"	967 lb	120.0"	1341 lb	114.0"	1359 lb	116.0"	1392 lb	114.0"	1359 lb
65 psf	64.0"	759 lb	62.0"	792 lb	81.0"	960 lb	79.0"	1003 lb	120.0"	1417 lb	114.0"	1436 lb	114.0"	1350 lb	111.0"	1410 lb
70 psf	63.0"	784 lb	61.0"	819 lb	80.0"	992 lb	78.0"	1036 lb	120.0"	1489 lb	114.0"	1509 lb	112.0"	1395 lb	110.0"	1457 lb
75 psf	62.0"	798 lb	60.0"	846 lb	79.0"	1011 lb	77.0"	1070 lb	120.0"	1530 lb	114.0"	1585 lb	111.0"	1421 lb	107.0"	1500 lb
80 psf	61.0"	817 lb	60.0"	871 lb	78.0"	1034 lb	75.0"	1102 lb	120.0"	1584 lb	114.0"	1656 lb	110.0"	1454 lb	105.0"	1534 lb
85 psf	61.0"	833 lb	59.0"	896 lb	77.0"	1054 lb	74.0"	1134 lb	120.0"	1629 lb	114.0"	1727 lb	109.0"	1482 lb	103.0"	1568 lb
90 psf	60.0"	848 lb	58.0"	917 lb	76.0"	1074 lb	73.0"	1161 lb	120.0"	1675 lb	114.0"	1790 lb	107.0"	1503 lb	101.0"	1598 lb
95 psf	60.0"	864 lb	57.0"	939 lb	76.0"	1093 lb	73.0"	1189 lb	120.0"	1721 lb	114.0"	1854 lb	106.0"	1524 lb	100.0"	1627 lb
100 psf	59.0"	879 lb	57.0"	963 lb	75.0"	1113 lb	72.0"	1219 lb	120.0"	1767 lb	114.0"	1925 lb	104.0"	1545 lb	98.0"	1659 lb
105 psf	59.0"	894 lb	56.0"	984 lb	74.0"	1132 lb	71.0"	1246 lb	120.0"	1813 lb	114.0"	1989 lb	103.0"	1566 lb	96.0"	1686 lb
110 psf	58.0"	907 lb	55.0"	1005 lb	74.0"	1148 lb	70.0"	1268 lb	120.0"	1851 lb	114.0"	2052 lb	102.0"	1583 lb	95.0"	1714 lb
115 psf	58.0"	921 lb	55.0"	1025 lb	73.0"	1166 lb	69.0"	1287 lb	120.0"	1897 lb	114.0"	2115 lb	101.0"	1603 lb	93.0"	1741 lb
120 psf	57.0"	934 lb	54.0"	1041 lb	73.0"	1182 lb	68.0"	1302 lb	120.0"	1935 lb	114.0"	2163 lb	100.0"	1623 lb	92.0"	1768 lb
125 psf	57.0"	946 lb	54.0"	1061 lb	72.0"	1198 lb	67.0"	1321 lb	120.0"	1974 lb	114.0"	2228 lb	99.0"	1636 lb	91.0"	1788 lb
130 psf	57.0"	958 lb	53.0"	1082 lb	72.0"	1213 lb	66.0"	1340 lb	120.0"	2012 lb	114.0"	2293 lb	98.0"	1653 lb	90.0"	1815 lb
135 psf	56.0"	971 lb	53.0"	1095 lb	71.0"	1229 lb	66.0"	1353 lb	120.0"	2051 lb	114.0"	2336 lb	97.0"	1669 lb	89.0"	1832 lb
140 psf	56.0"	983 lb	53.0"	1107 lb	71.0"	1244 lb	65.0"	1365 lb	120.0"	2090 lb	114.0"	2379 lb	96.0"	1685 lb	88.0"	1850 lb
145 psf	56.0"	995 lb	52.0"	1117 lb	70.0"	1258 lb	64.0"	1378 lb	120.0"	2129 lb	114.0"	2423 lb	95.0"	1701 lb	87.0"	1867 lb
150 psf	55.0"	1007 lb	52.0"	1127 lb	70.0"	1270 lb	64.0"	1390 lb	120.0"	2167 lb	114.0"	2466 lb	95.0"	1717 lb	87.0"	1884 lb
155 psf	55.0"	1016 lb	51.0"	1137 lb	69.0"	1278 lb	63.0"	1402 lb	120.0"	2196 lb	114.0"	2509 lb	94.0"	1729 lb	86.0"	1901 lb
160 psf	55.0"	1028 lb	51.0"	1146 lb	69.0"	1290 lb	63.0"	1414 lb	120.0"	2235 lb	114.0"	2553 lb	93.0"	1744 lb	85.0"	1918 lb
165 psf	54.0"	1038 lb	51.0"	1150 lb	68.0"	1299 lb	62.0"	1419 lb	120.0"	2303 lb	114.0"	2572 lb	93.0"	1758 lb	85.0"	1925 lb
170 psf	54.0"	1049 lb	50.0"	1159 lb	68.0"	1309 lb	62.0"	1430 lb	120.0"	2337 lb	114.0"	2610 lb	92.0"	1772 lb	84.0"	1940 lb
175 psf	54.0"	1059 lb	50.0"	1168 lb	67.0"	1319 lb	62.0"	1440 lb	120.0"	2371 lb	114.0"	2649 lb	91.0"	1785 lb	84.0"	1955 lb
180 psf	54.0"	1069 lb	49.0"	1185 lb	67.0"	1328 lb	61.0"	1461 lb	120.0"	2405 lb	114.0"	2726 lb	91.0"	1798 lb	83.0"	1984 lb
185 psf	53.0"	1079 lb	49.0"	1198 lb	66.0"	1338 lb	60.0"	1478 lb	120.0"	2439 lb	114.0"	2790 lb	90.0"	1812 lb	82.0"	2008 lb
190 psf	53.0"	1089 lb	48.0"	1215 lb	66.0"	1347 lb	59.0"	1499 lb	120.0"	2474 lb	114.0"	2867 lb	89.0"	1825 lb	81.0"	2036 lb
195 psf	53.0"	1100 lb	47.0"	1231 lb	65.0"	1357 lb	58.0"	1519 lb	120.0"	2508 lb	114.0"	2945 lb	89.0"	1838 lb	79.0"	2064 lb
200 psf	53.0"	1107 lb	47.0"	1247 lb	65.0"	1366 lb	58.0"	1538 lb	120.0"	2543 lb	114.0"	3022 lb	88.0"	1851 lb	78.0"	2092 lb

MULLION SPAN SCHEDULE NOTES

1. SPANS SHOWN IN "MULLION SPAN SCHEDULE" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE FOR TWO- OR THREE-SPAN CONDITIONS.
2. "REACTION AT ENDS" IS LISTED FOR EACH COMBINATION OF DESIGN LOAD, MULLION TYPE, & SPAN CONDITION. CHOOSE NUMBER OF ANCHORS FOR DESIRED MOUNTING CONNECTION (PER APPROPRIATE SCHEDULES 16 THRU 18) THAT PROVIDES "CONNECTION CAPACITY" GREATER THAN OR EQUAL TO "REACTION AT ENDS" GIVEN ABOVE.
3. ALLOWABLE SPANS PROVIDED ABOVE MAY BE USED WITH ANY SLAT SPAN PER SCHEDULE 1 AND ANY STORM BAR SPAN PER SCHEDULE 3.
4. THIS SCHEDULE MAY BE USED FOR ALL MULLION MOUNTING CONDITIONS LISTED HEREIN.



1 TYPICAL MULLION LAYOUT
10 N.T.S. PLAN VIEW



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PE0046549

03/06/2006

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ROLL-UP SHUTTER
FLORIDA STATE PRODUCT APPROVAL

DRWN	CHKD	DATE
CL	FLB	3/2/06

REMARKS
INIT ISSUE

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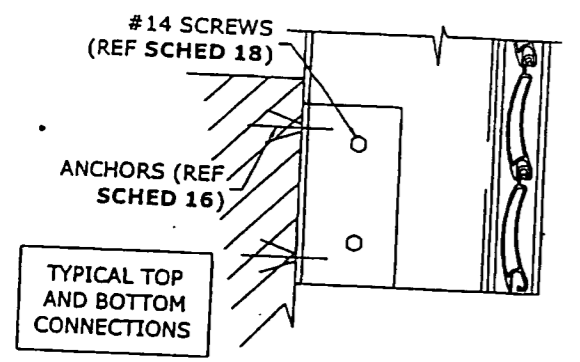
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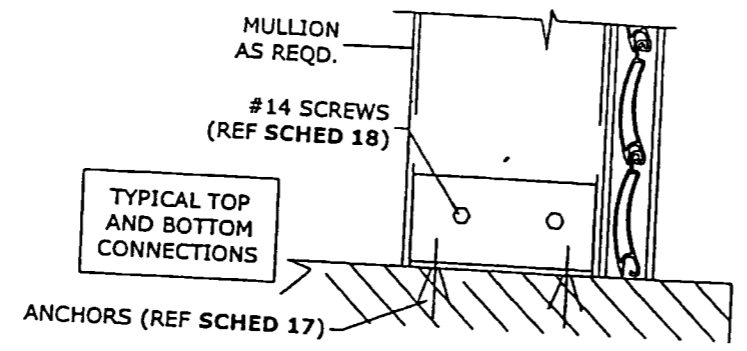
PAGE DESCRIPTION:

10

MULLION CONNECTION DETAILS



1 WALL FACE MULLION CONN
11 N.T.S. VERT SECTION



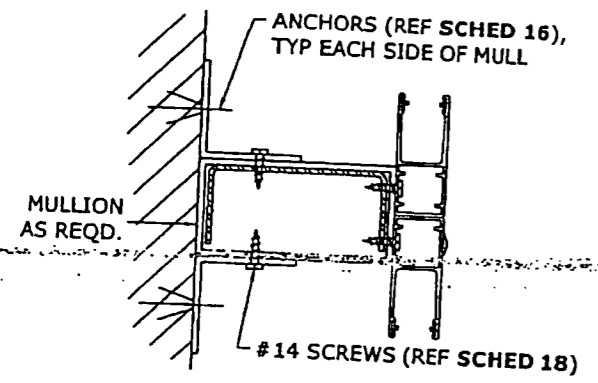
3 TRAPPED MULLION CONN
11 N.T.S. VERT SECTION

16 WALL FACE MULLION CONN

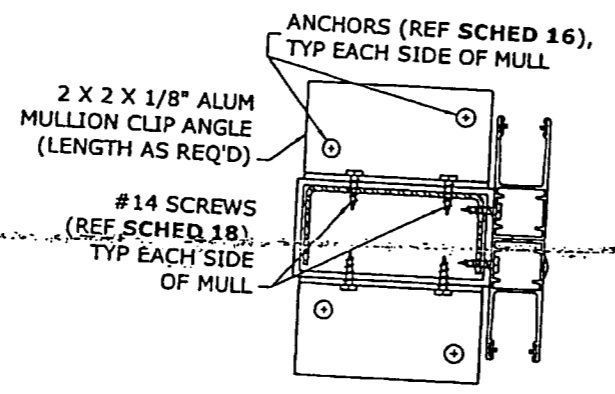
CLIP ANGLE LENGTH	ANCHORS PER SIDE	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY (LB)
6"	4	A	CONCRETE	586 LB
		B	BLOCK	308 LB
		C	CONCRETE	586 LB
		D	BLOCK	586 LB
		E	WOOD	586 LB
		F	WOOD	586 LB
9"	6	A	CONCRETE	879 LB
		B	BLOCK	462 LB
		C	CONCRETE	879 LB
		D	BLOCK	879 LB
		E	WOOD	879 LB
		F	WOOD	879 LB
12"	8	A	CONCRETE	1172 LB
		B	BLOCK	616 LB
		C	CONCRETE	1172 LB
		D	BLOCK	890 LB
		E	WOOD	1172 LB
		F	WOOD	1172 LB
15"	10	A	CONCRETE	1465 LB
		B	BLOCK	770 LB
		C	CONCRETE	1465 LB
		D	BLOCK	1100 LB
		E	WOOD	1465 LB
		F	WOOD	1465 LB

17 TRAPPED MULLION CONN

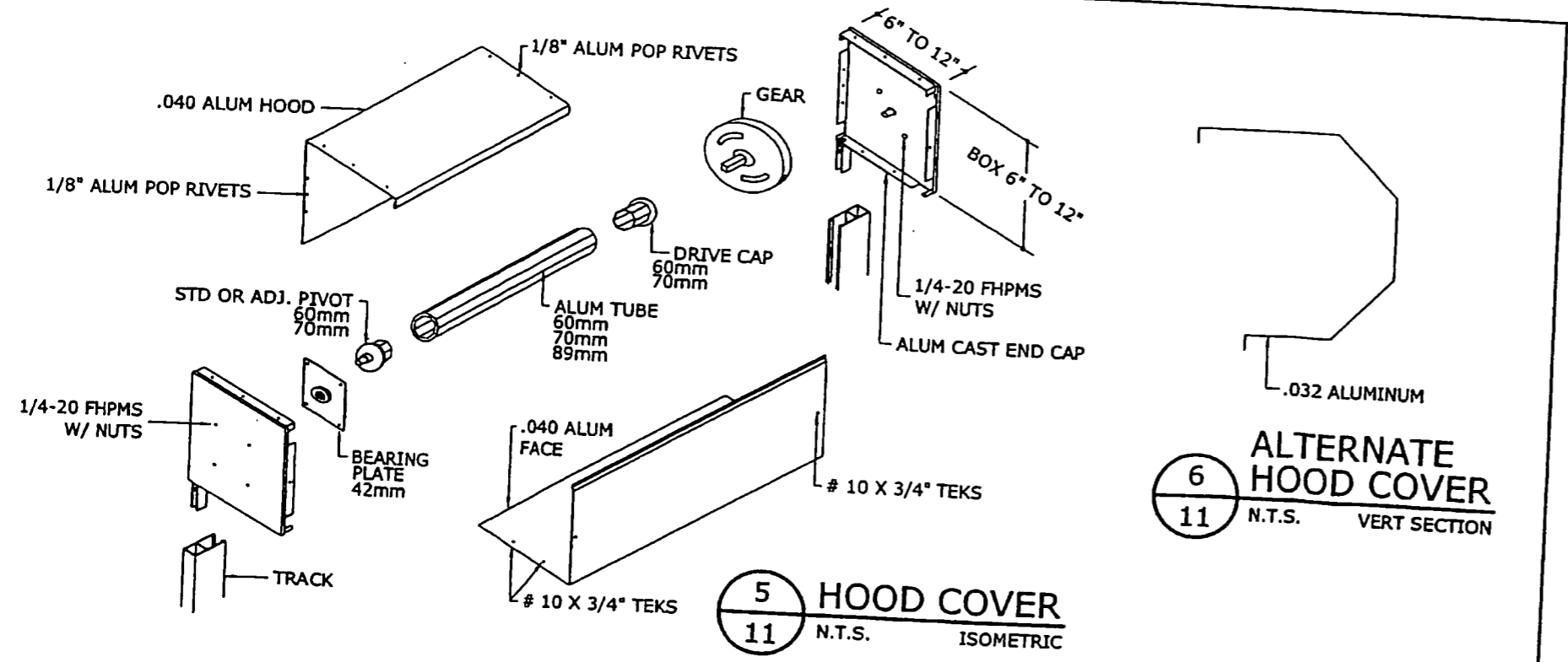
ANCHORS PER SIDE	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
1	A	CONCRETE	874 LB
	B	BLOCK	530 LB
	C	CONCRETE	882 LB
	D	BLOCK	670 LB
	E	WOOD	302 LB
	F	WOOD	214 LB
2	A	CONCRETE	1748 LB
	B	BLOCK	1060 LB
	C	CONCRETE	1764 LB
	D	BLOCK	1340 LB
	E	WOOD	604 LB
	F	WOOD	428 LB
3	A	CONCRETE	2622 LB
	B	BLOCK	1589 LB
	C	CONCRETE	2642 LB
	D	BLOCK	2007 LB
	E	WOOD	905 LB
	F	WOOD	639 LB
4	A	CONCRETE	3492 LB
	B	BLOCK	2118 LB
	C	CONCRETE	3522 LB
	D	BLOCK	2676 LB
	E	WOOD	1206 LB
	F	WOOD	852 LB



2 WALL FACE MULLION CONN
11 N.T.S. HORIZ SECTION



4 TRAPPED MULLION CONN
11 N.T.S. HORIZ SECTION



5 HOOD COVER
11 N.T.S. ISOMETRIC

6 ALTERNATE HOOD COVER
11 N.T.S. VERT SECTION

18 MULLION BRACKET CONNECTION

CLIP ANGLE LENGTH	SCREWS PER LEG	SCREW SPACING	CONNECTION CAPACITY
2"	2	1 1/2"	1230 LB
	3	3/4"	1476 LB
3"	2	2"	1406 LB
	3	2"	1736 LB
	4	3/4"	2236 LB
4"	2	3"	1640 LB
	3	1 1/2"	2108 LB
	4	1"	2588 LB
	5	3/4"	3074 LB
	2	4"	1789 LB
5"	3	2"	2361 LB
	4	1 1/4"	2860 LB
	5	1"	3514 LB

NOTE:
ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

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REMARKS	DATE	DRWN	CHKD	DATE
NET ISSUE	3/2/06	CL	FLB	

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SCALE: 1/16"
PAGE DESCRIPTION:

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

GESSER

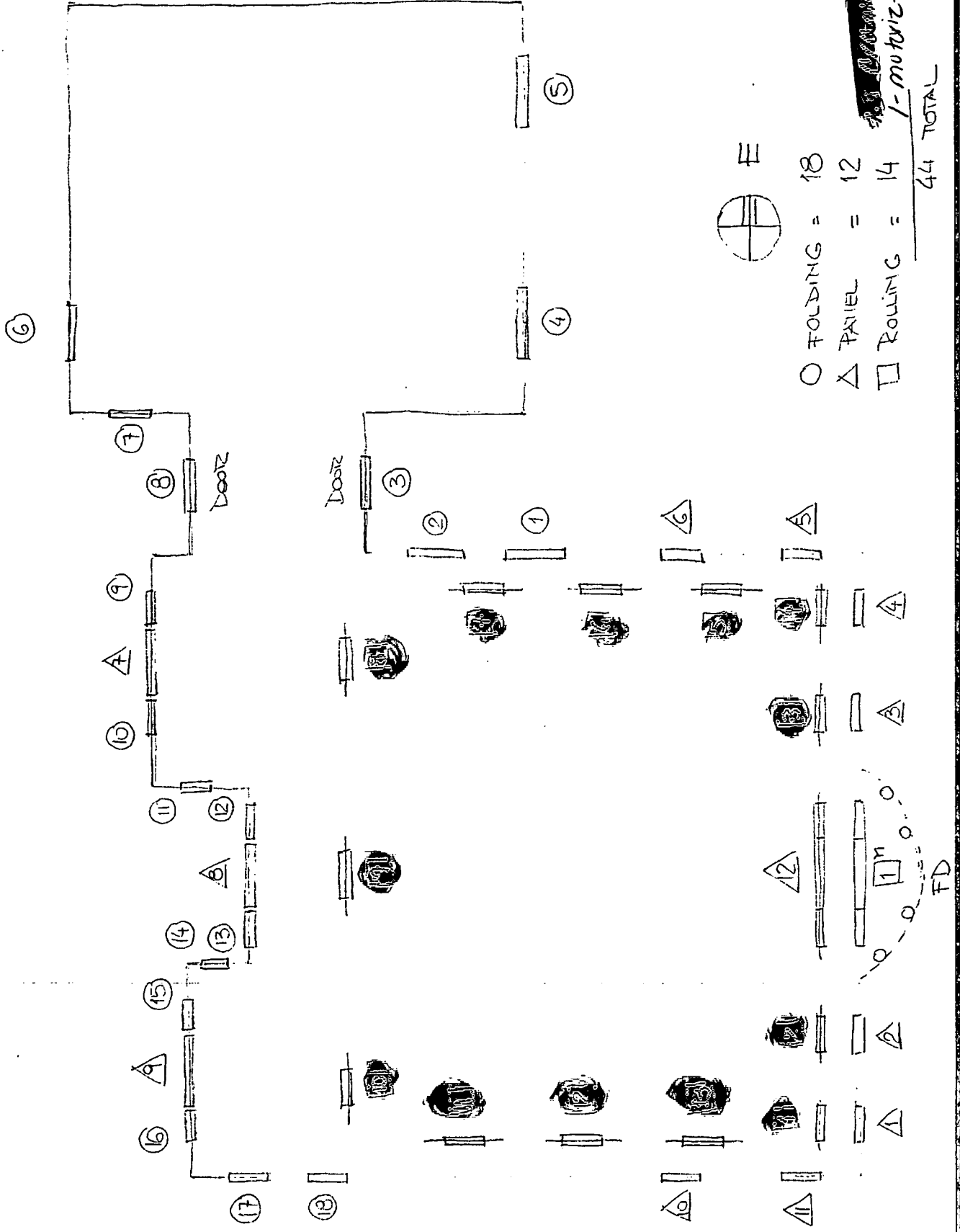
WORK ORDER NO. 05082007034 N06 01

SHEET OF

BY: AP 1034

DATE: 06/11/07

EXA "C"
25' x 10' ZONE 5



○ FOLDING = 18
 △ PANEL = 12
 □ ROLLING = 14

 44 TOTAL

E
 1-motORIZED

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

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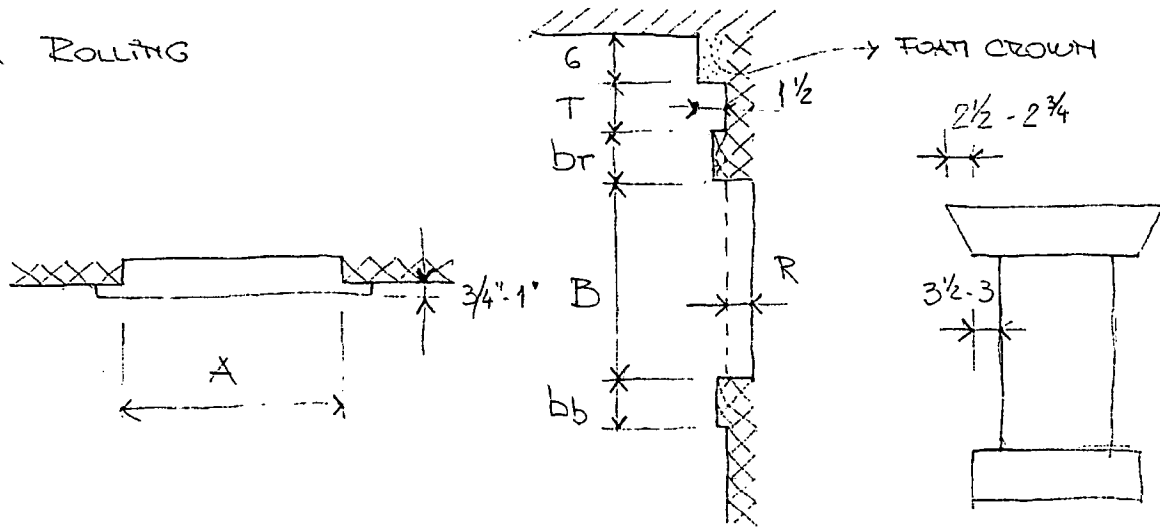
WORK ORDER NO. 05082007034 No 6 01

SHEET OF

BY: AP 1034

DATE: 06/11/07

CRANK ROLLING



	A	B	br	bb	R	T	Bottom	
[1]	37 1/2	48 1/2	6	5 1/2	3 3/4	4 1/2		10 1/2
[2]	"	"	5 3/4	5 3/4	"	4 3/4		10 1/2
[3]	38	"	"	"	"	5		10 3/4
[4]	37 1/2	48 1/2	"	"	"	5		10 3/4
[5] [7] [12] [13]	37 1/2	64 1/2	6	"	"	4 3/4		10 3/4
[6] [11]	25 3/4	36 1/2	6 1/4	5 1/2	3 1/2	4 1/2		10 3/4
[8] [10]	48	40 3/4	6 1/4	4 1/2	4	4	5	10 1/4
[9]	72	48	6 1/4	5 3/4	4	3 3/4		10

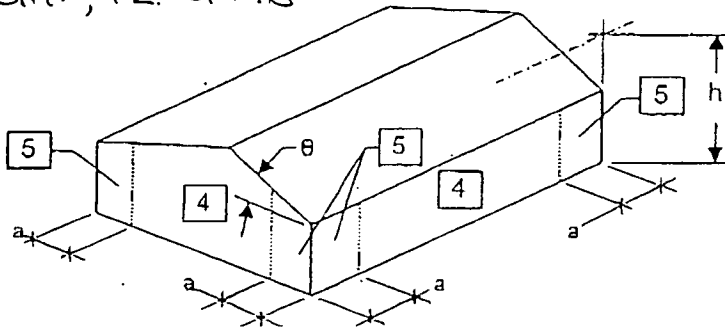
TABLE 3.41
WIND LOADS FOR WALL COMPONENTS & CLADDING
PER ASCE 7-02
***(ROOF HEIGHTS LESS THAN 90 FT.)**

3- SECOND GUST WIND SPEED: 140 MPH
 TRIBUTARY AREA: 10 SQ. FT. OR LESS
 IMPORTANCE FACTOR (I_r): 1.00

MEAN ROOF HEIGHT (FT.)	EXPOSURE "B"						EXPOSURE "C"					
	ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°			ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°		
	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5
"H"	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)
15	35.2	38.2	47.2	32.2	34.9	43.0	42.8	46.4	57.3	39.2	42.4	52.2
20	35.2	38.2	47.2	32.2	34.9	43.0	45.3	49.1	60.6	41.5	44.9	55.3
25	35.2	38.2	47.2	32.2	34.9	43.0	47.3	51.3	63.3	43.3	46.9	57.7
30	35.2	38.2	47.2	32.2	34.9	43.0	49.3	53.5	66.0	45.1	48.9	60.2
35	38.7	39.9	49.2	33.6	36.4	44.8	50.8	55.1	68.1	46.5	50.4	62.0
40	38.2	41.5	51.2	35.0	37.9	46.7	52.3	56.8	70.1	47.9	51.9	63.9
45	39.5	42.9	52.9	36.2	39.2	48.2	53.6	58.1	71.8	49.1	53.1	65.4
50	40.8	44.2	54.8	37.3	40.4	49.7	54.9	59.5	73.5	50.2	54.4	66.9
55	41.8	45.3	55.9	38.2	41.4	51.0	55.9	60.6	74.8	51.1	55.4	68.2
60	42.8	46.4	57.3	39.2	42.4	52.2	56.9	61.7	76.1	52.0	56.4	69.4
* 65	43.8	47.5	58.6	40.1	43.4	53.4	57.9	62.8	77.5	53.0	57.4	70.6
* 70	44.8	48.6	60.0	41.0	44.4	54.7	58.9	63.9	78.8	53.9	58.4	71.9
* 75	45.8	49.7	61.3	41.9	45.4	55.9	59.9	65.0	80.2	54.8	59.4	73.1
* 80	46.8	50.8	62.7	42.8	46.4	57.1	60.9	66.1	81.5	55.7	60.4	74.3
* 85	47.6	51.6	63.7	43.5	47.2	58.0	61.6	66.9	82.5	56.4	61.1	75.2
* 89	48.0	52.1	64.3	43.9	47.6	58.6	62.1	67.4	83.2	56.8	61.6	75.8

NOTE: ALL DESIGN LOADS ARE IN POUNDS PER SQUARE FOOT (PSF)

GESSER
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 SEWALL'S POINT, FL. 34996



NOTES:

1. PLUS & MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD & AWAY FROM SURFACES RESPECTFULLY.
2. a = 10% OF LEAST HORIZONTAL DIMENSION OR 0.4H, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT.
3. LOADS, POSITIVE & NEGATIVE, ARE TAKEN AT MEAN ROOF HEIGHT (h) & APPLY TO ALL FLOORS.
4. LOADS BETWEEN ELEVATIONS SHOWN IN TABLE MAY BE INTERPOLATED.
5. AT MEAN ROOF HEIGHT (h), 60 ft. < h < 90 ft., PRESSURES HAVE BEEN DETERMINED USING THE SAME METHOD AS FOR 60 ft. & LESS PER ASCE 7-02 SECTION 6.5.12.4.3. THESE PRESSURES ARE ONLY APPLICABLE IF THE HEIGHT TO WIDTH RATIO IS 1 OR LESS (IF THE HEIGHT IS NO MORE THAN 1 TIMES THE MINIMUM BUILDING WIDTH).
6. TABLE VALUES DO NOT CONSIDER EFFECTS FROM TOPOGRAPHIC CONDITIONS & FACTOR K_{zt} IS TAKEN AS 1.0 (FLAT GRADE). IF TOPOGRAPHIC CONDITIONS ARE NOT FLAT, THE VALUES IN THIS TABLE MUST BE MULTIPLIED BY THE PROPER K_{zt} FACTOR IN ACCORDANCE WITH ASCE 7-02 SECTION 6.5.7.
7. ALL VALUES IN THIS TABLE CONSIDER A WIND DIRECTIONALITY FACTOR (K_d) OF 0.85 PER ASCE 7-02 TABLE 6-4.

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3.17

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 STRUCTURAL ENGINEER
 FLORIDA REG. #PE0044135

AP

Customer: GESSER

WorkOrder Number: 05082007034

Unit No.	Wall Pressure	Opening Width	Opening Height	Shutter Width	Shutter Height	Anchor Spacing	Storm Bars	
							Inside	Outside
1	63.3	37.5	48.5	43.5	60	5 "o.c.	0	0
						5 "o.c.		
2	63.3	37.5	48.5	43.5	60	5 "o.c.	0	0
						5 "o.c.		
3	63.3	38	48.5	44	60.25	5 "o.c.	0	0
						5 "o.c.		
4	63.3	37.5	48.5	43.5	60.25	5 "o.c.	0	0
						5 "o.c.		
5	63.3	37.5	64.5	43.5	76.25	5 "o.c.	0	0
						5 "o.c.		
6	63.3	25.75	36.5	31.75	48.25	5 "o.c.	0	0
						5 "o.c.		
7	63.3	37.5	64.5	43.5	76.25	5 "o.c.	0	0
						5 "o.c.		
8	63.3	48	40.75	54	52	5 "o.c.	0	0
						5 "o.c.		
9	63.3	72	48	78	59	5 "o.c.	1	1
						5 "o.c.		
10	63.3	48	40.75	54	52	5 "o.c.	0	0
						5 "o.c.		
11	63.3	25.75	36.5	31.75	48.25	5 "o.c.	0	0
						5 "o.c.		
12	63.3	37.5	64.5	43.5	76.25	5 "o.c.	0	0
						5 "o.c.		
13	63.3	37.5	64.5	43.5	76.25	5 "o.c.	0	0
						5 "o.c.		



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Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL8650
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	

Product Manufacturer	Folding Shutter Corporation
Address/Phone/Email	7089 Hemstreet Place West Palm Beach, FL 33413 (561) 683-4811 gary@foldingshutters.com

Authorized Signature	Frank Bennardo clangley@engexp.com
----------------------	---------------------------------------

Technical Representative	
Address/Phone/Email	

Quality Assurance Representative

Address/Phone/Email

Category Shutters
 Subcategory Roll-up

Compliance Method Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer
 Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report Frank L. Bennardo, P.E.
 Florida License PE-0046549
 Quality Assurance Entity PFS Corporation
 Validated By Jorge A. Pomerantz, P.E.

Certificate of Independence FL8650_R0_COI_Cert_Indep.pdf

Referenced Standard and Year (of Standard)	<u>Standard</u>	<u>Year</u>
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 04/13/2007
 Date Validated 07/25/2007
 Date Pending FBC Approval 04/23/2007
 Date Approved 07/31/2007

Summary of Products

FL #	Model, Number or Name	Description
8650.1	"Titan" Extruded Aluminum Rollup Shutter	Large Missile Impact Resistant Aluminum Roll-Up Shutter
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Refer to engineering drawing/installation instructions for limitation of use.		Installation Instructions FL8650_RO_II_Dwg.pdf Verified By: Frank L. Bennardo, P.E. PE0046549 Evaluation Reports FL8650_RO_AE_Eval_Report.pdf FL8650_RO_AE_Test Reports2.pdf FL8650_RO_AE_Test_Reports.pdf

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Next

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Product Approval Accepts:



Product Evaluation Report

July 24, 2007

Application Number: FL8650
FLB Project Number: 05-FSC-0001

Product Manufacturer: Folding Shutter Corporation
Manufacturer Address: 7089 Hemstreet Place
West Palm Beach, FL 33413

Product Name & Description: Titan Extruded Aluminum Roll-Up Shutter

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Community Affairs (Florida Building Commission) Rule Chapter 9B-72.070, F.A.C., for statewide acceptance per Method 1(d). All products listed above have been tested and/or evaluated as summarized herein to show compliance with the 2004 Florida Building Code and are, for the purpose intended, at least equivalent to that required by the Code. Re-evaluation of this product shall be required following pertinent Florida Building Code modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

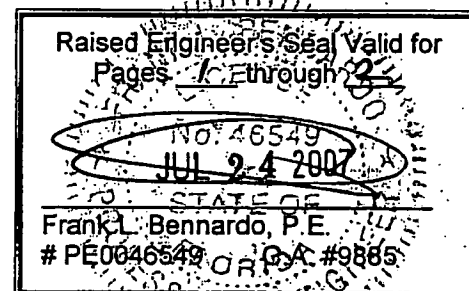
FLB drawing #05-FSC-0001 titled "Titan Extruded Aluminum Roll-Up Shutter", sheets 1-21, prepared by Frank L. Bennardo, P.E., Inc., signed & sealed by Frank L. Bennardo, P.E. is an integral part of this Evaluation Report.

- **TEST REPORTS**

Uniform static structural performance has been tested in accordance with TAS 202 test standards per test report(s) #0143-0105-99 by Hurricane Test Laboratory (HTL).

Large missile impact resistance and cyclic loading performance have been tested in accordance with TAS 201 & 203 test standards per test report(s) #0143-0105-99, 0143-0403-07, & 0143-0405-07 by Hurricane Test Laboratory (HTL). This testing includes impact and cyclic loading of storm bar & mullion components, each with 3 sample assemblies incorporating the weakest member being tested at spans and design pressures corresponding to the strongest member shown in the design schedules. Each test sample includes impacts at center and corner of the shutter area as well as at the center of the storm bar or mullion. In this way, the testing qualifies the use of all storm bars and mullions shown in the installation drawings.

Metal tensile capacity has been determined in accordance with ASTM E8 test standard per test report #9HM-1752 by Q C Metallurgical, Inc.



Folding Shutter Corp. – Titan Extruded Aluminum Roll-Up Shutter

• **STRUCTURAL ENGINEERING CALCULATIONS**

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Maximum Allowable Spans – slats, storm bars, mullions, headers, etc.
2. Minimum Glass Separation
3. Anchor Spacing

No 33% increase in allowable stress has been used in the design of each product.

Impact Resistance:

Large Missile Impact Resistance has been demonstrated as evidenced in previously listed test reports, and is accounted for in the engineering design of this product.

Wind Load Resistance

Each product has been designed to resist wind loads as indicated in the span schedule(s) on its respective Product Evaluation Document (i.e. engineering drawing).

Installation

Each product listed above shall be installed in strict compliance with its respective Product Evaluation Document (i.e. engineering drawing), along with all components noted therein.

Each product component shall be of the material specified in that product's respective Product Evaluation Document (i.e. engineering drawing).

Limitations & Conditions of Use:

Use of each product shall be in strict accordance with its respective Product Evaluation Document (i.e. engineering drawing) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product's respective anchor schedule. Host structure conditions which are not accounted for in each product's respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times.

Each product has been designed for use within the High Velocity Hurricane Zone (HVHZ).

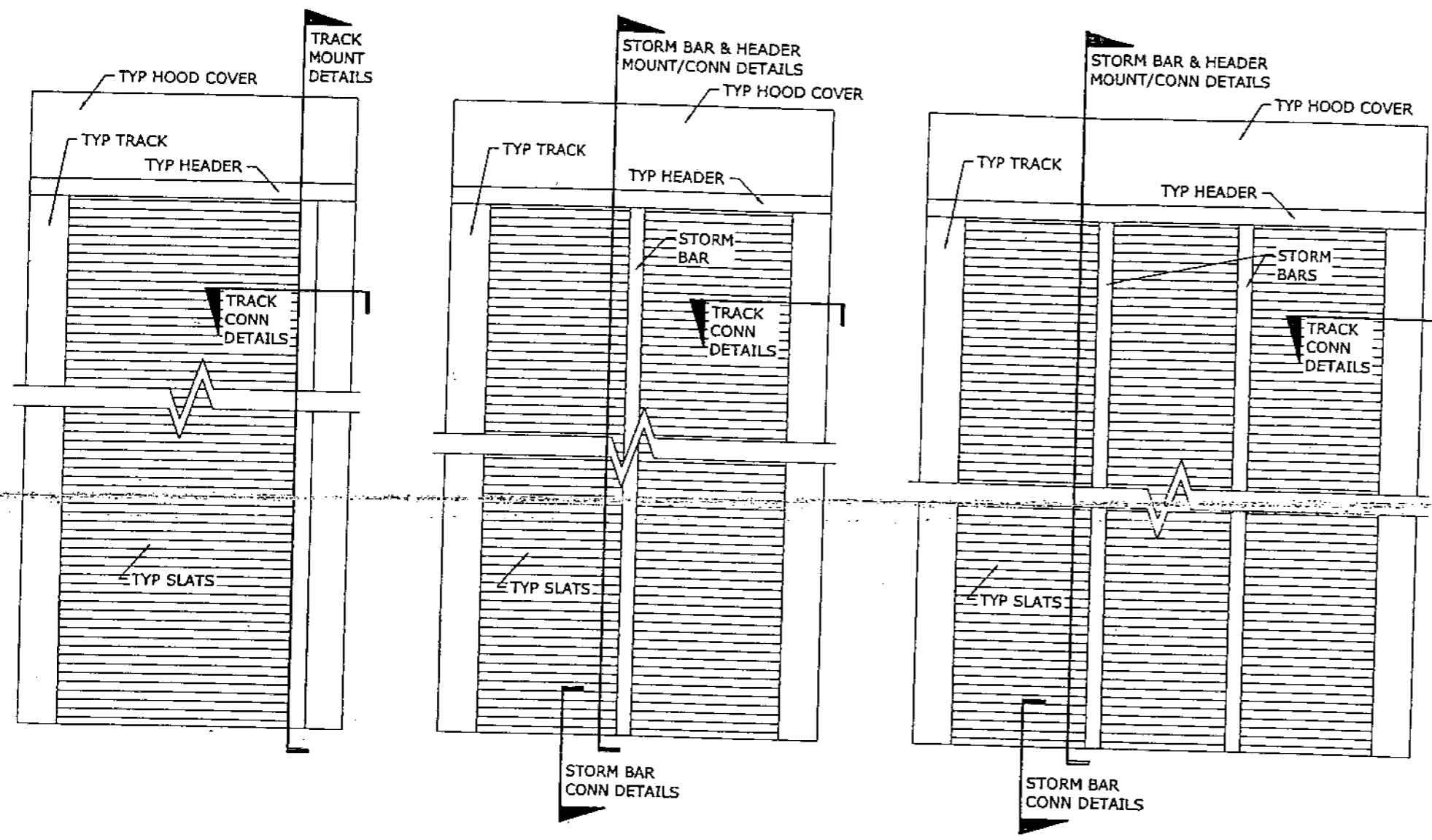
"TITAN" EXTRUDED ALUMINUM ROLL-UP SHUTTER

FRANK L. BENNARDO, P.E.
PE0046549

03/06/2006
VALID FOR (1) JOB ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

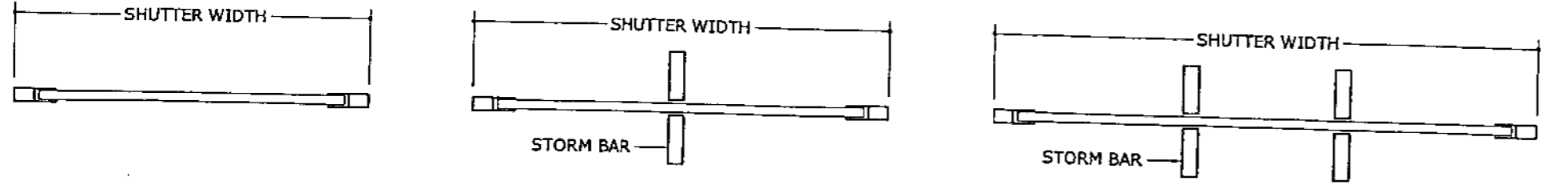
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CONSULTING ENGINEERS
4441 N. DIXIE HIGHWAY
BOCA RATON, FL 33431
PH: (561) 391-2888 FAX: (561) 391-2862
CERTIFICATE OF AUTHORIZATION: #8885

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GENERAL NOTES:

1. THIS SYSTEM HAS BEEN TESTED AND EVALUATED AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE ("HVHZ"), PER TAS 201, 202, & 203 PROTOCOLS.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES TO BE USED WITH THESE DRAWINGS SHALL BE DETERMINED BY OTHERS FOR SPECIFIC JOBS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND NEW SUPERIMPOSED LOADS.
6. ALL COMPONENTS SHALL CONFORM TO THEIR RESPECTIVE SPECIFICATIONS AS NOTED HEREIN.
7. ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
8. SHUTTERS SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER ASSEMBLY CONTAINING THE FOLLOWING:
FOLDING SHUTTER CORPORATION
WEST PALM BEACH, FL
9. THIS SHUTTER SYSTEM HAS BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS AND CORRESPONDING LOADS SHOWN HEREIN.
10. TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE WHERE NOTED AS SUCH.
11. SHUTTERS MAY BE MOTOR-, TAPE PULLEY-, OR GEAR-DRIVEN.
12. ALL BOLTS, NUTS, & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, STAINLESS STEEL, OR ALUMINUM ALLOY 2024-T4 OR 7075-T5.
13. STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE GIVEN ONE COAT OF ZINC CHROMATE PRIMER OR SHALL BE GALVANIZED.



SINGLE SPAN

TWO SPANS

THREE SPANS

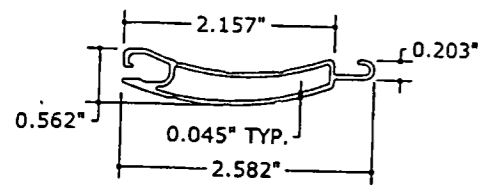
1 TYPICAL ELEVATIONS & PLAN VIEWS
1 N.T.S.
ELEV / HORIZ SECTION

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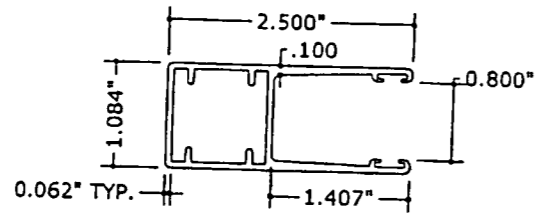
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INIT ISSUE	CL	FLB	3/2/06

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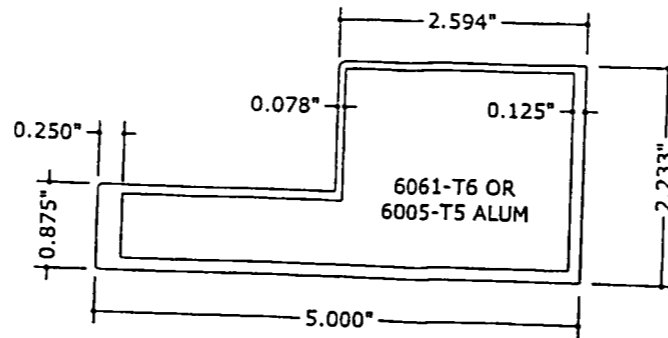
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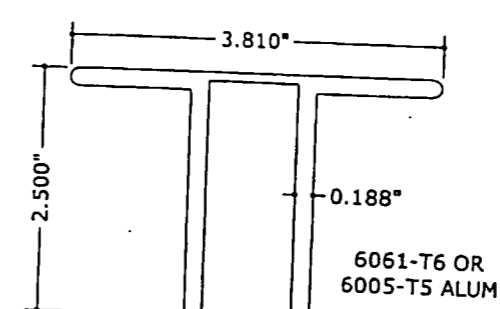
1 EXTRUDED ALUM SLAT
6" = 1'-0"



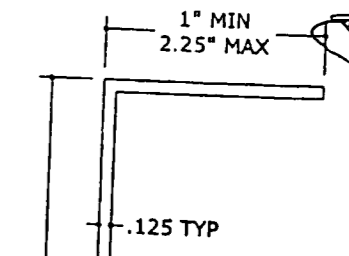
2 TRACK
6" = 1'-0"



3 CUSTOM HEADER
6" = 1'-0"

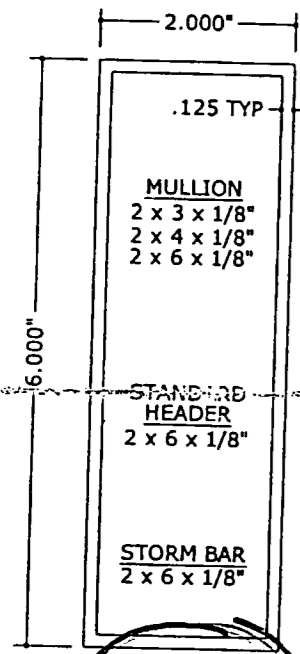


4 'T' CLIP
6" = 1'-0"

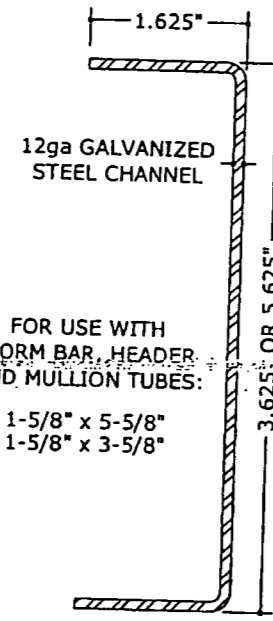


5 ALUMINUM ANGLES
6" = 1'-0"

- SIZE OPTIONS:
- 1 x 2 x 1/8"
 - 1-1/2 x 2 x 1/8"
 - 2 x 2 x 1/8"
 - 2 x 3 x 1/8"
 - 2 x 4 x 1/8"
 - 2 x 5 x 1/8"
 - 2-1/4 x 5-1/4 x 1/8"



6 ALUM TUBES
6" = 1'-0"



7 STIFFENERS
6" = 1'-0"

FOR USE WITH STORM BAR, HEADER AND MULLION TUBES:
1-5/8" x 5-5/8"
1-5/8" x 3-5/8"

GENERAL SCHEDULE NOTES:

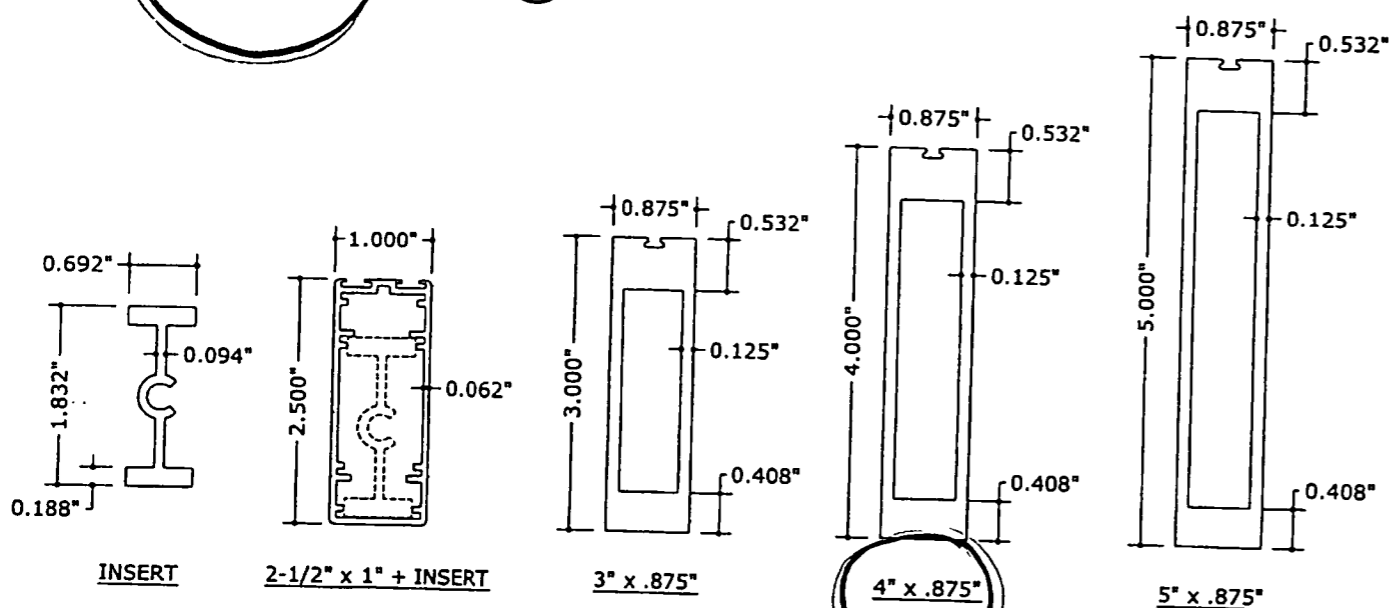
1. DETERMINE NUMBER OF STORM BARS (IF ANY) REQUIRED PER SCHEDULE 1.
2. TRACK ANCHORS SHALL BE SPACED PER SCHEDULE 2.
3. DETERMINE STORM BAR SIZE REQUIRED PER SCHEDULE 3. NOTE "REACTION AT ENDS" FOR DETERMINATION OF CONNECTIONS AND HEADER SIZE.
4. STORM BAR CONNECTIONS SHALL BE DETERMINED USING SCHEDULES 4 THRU 7, BASED ON GIVEN CONDITIONS AND "REACTION AT ENDS" PROVIDED PER SCHEDULE 3.
5. DETERMINE HEADER SIZE REQUIRED PER SCHEDULE 8. NOTE "HEADER REACTION AT ENDS" FOR HEADER CONNECTION DETERMINATION.
6. HEADER CONNECTIONS SHALL BE DETERMINED USING SCHEDULES 9 THRU 14, BASED ON GIVEN CONDITIONS AND "REACTION AT ENDS" PROVIDED PER SCHEDULE 8.
7. DETERMINE MULLION SIZE REQUIRED (IF ANY) PER SCHEDULE 15.
8. MULLION CONNECTIONS SHALL BE DETERMINED USING SCHEDULES 16 THRU 18, BASED ON GIVEN CONDITIONS AND "REACTION AT ENDS" PROVIDED PER SCHEDULE 15.

1 SHUTTER WIDTH SCHEDULE

WIND LOAD (+/-)	SINGLE SPAN	TWO SPANS	THREE SPANS
20 PSF	74.0"	148.0"	220.0"
30 PSF	74.0"	148.0"	220.0"
40 PSF	71.0"	148.0"	220.0"
45 PSF	68.5"	148.0"	220.0"
50 PSF	66.3"	148.0"	220.0"
55 PSF	64.4"	148.0"	220.0"
60 PSF	62.5"	148.0"	220.0"
65 PSF	61.2"	145.2"	214.8"
70 PSF	59.8"	140.2"	209.6"
75 PSF	58.6"	135.6"	205.0"
80 PSF	57.4"	131.4"	200.6"
85 PSF	56.4"	127.6"	196.7"
90 PSF	55.4"	124.2"	193.0"
95 PSF	54.5"	121.0"	189.8"
100 PSF	53.7"	118.0"	186.5"
105 PSF	52.9"	115.4"	183.5"
110 PSF	52.2"	112.8"	180.8"
115 PSF	51.5"	110.4"	178.4"
120 PSF	50.8"	108.2"	175.7"
125 PSF	50.2"	106.2"	173.6"
130 PSF	49.6"	104.2"	171.4"
135 PSF	49.0"	102.4"	168.3"
140 PSF	48.5"	100.6"	165.3"
145 PSF	48.0"	99.0"	162.5
150 PSF	47.5"	97.4"	159.9"
155 PSF	47.0"	95.8"	157.7"
160 PSF	46.6"	94.4"	155.0"
165 PSF	46.2"	93.0"	152.7"
170 PSF	45.8"	91.8"	150.5"
175 PSF	45.4"	90.4"	148.4"
180 PSF	45.0"	89.2"	148.0"
185 PSF	44.6"	88.2"	148.0"
190 PSF	44.3"	87.0"	148.0"
195 PSF	44.0"	86.0"	148.0"
200 PSF	43.6"	85.0"	148.0"

SHUTTER WIDTH SCHEDULE NOTES:

1. SPANS SHOWN IN "SHUTTER WIDTH SCHEDULE" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE FOR SINGLE-, TWO-, OR THREE-SPAN CONDITIONS.
2. THIS SCHEDULE MAY BE USED FOR ALL TRACK MOUNTING CONDITIONS LISTED HEREIN
3. MINIMUM SLAT ENGAGEMENT INTO TRACK SHALL BE 1-1/4" FOR ALL CONDITIONS.



8 STORM BARS
6" = 1'-0"

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PE0046549

03/06/2006

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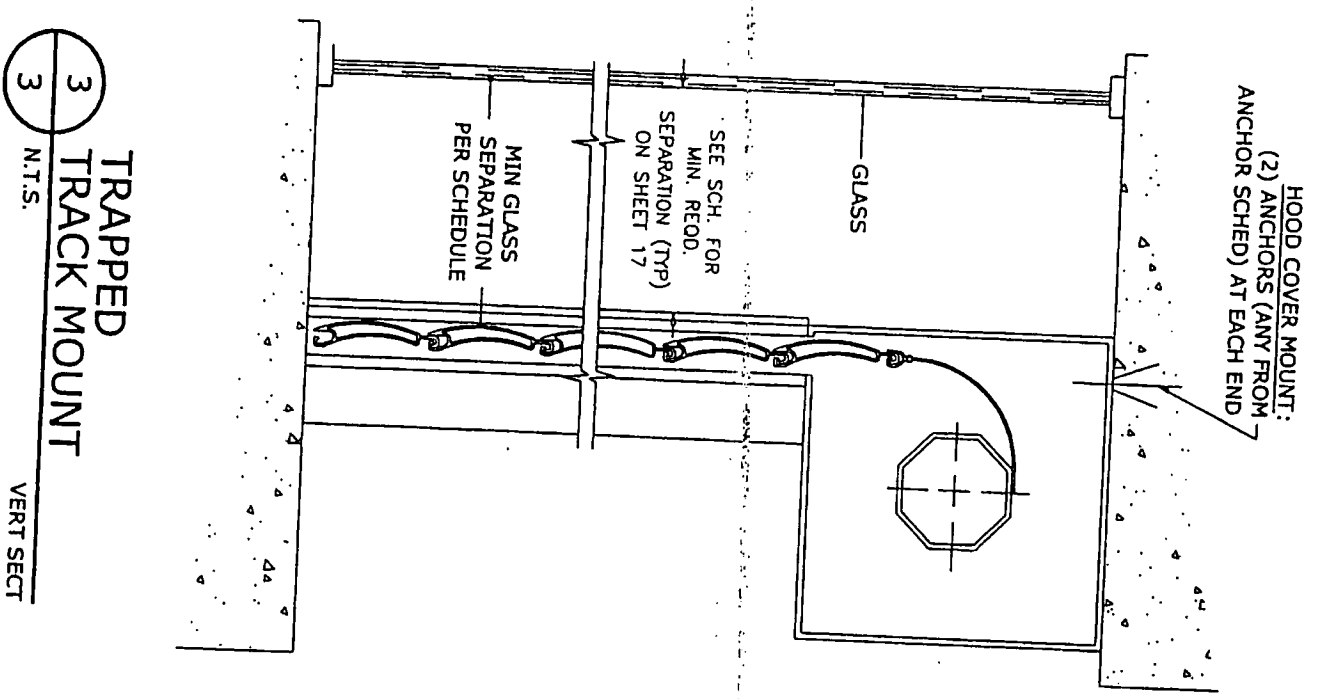
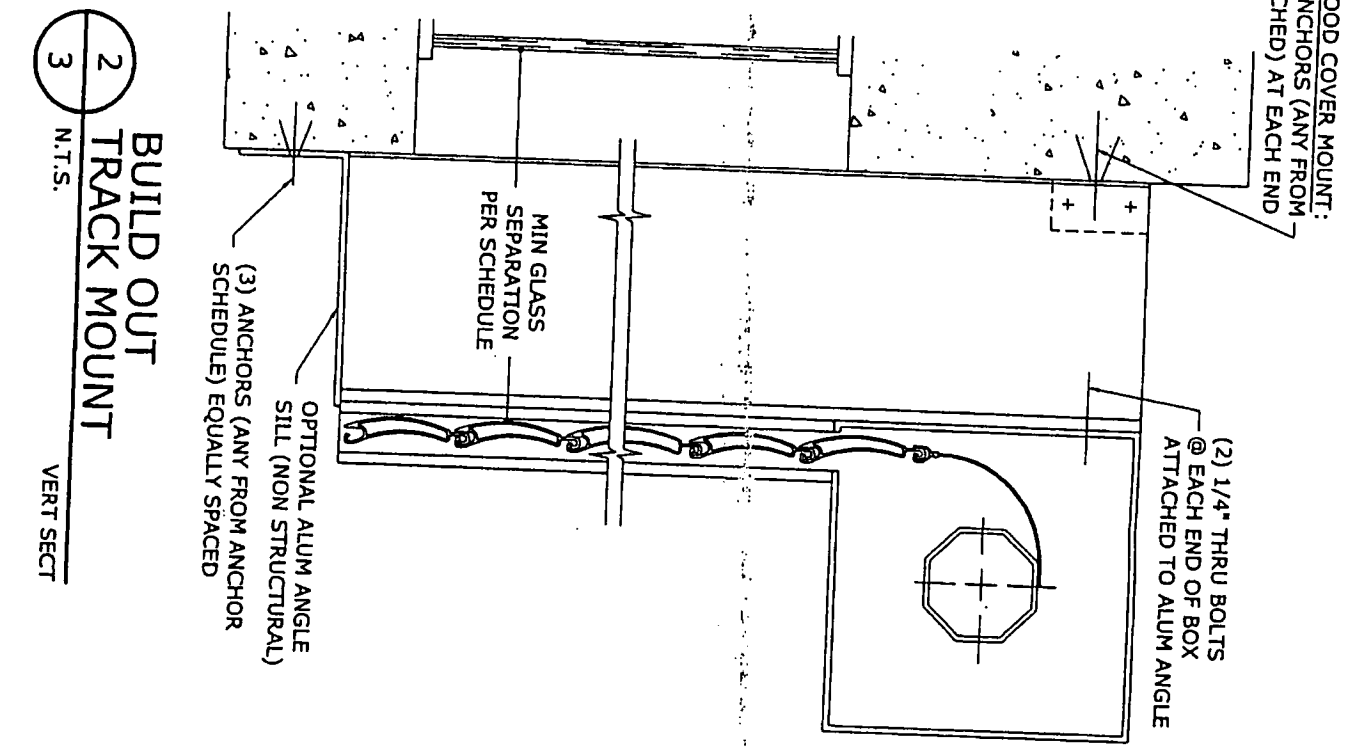
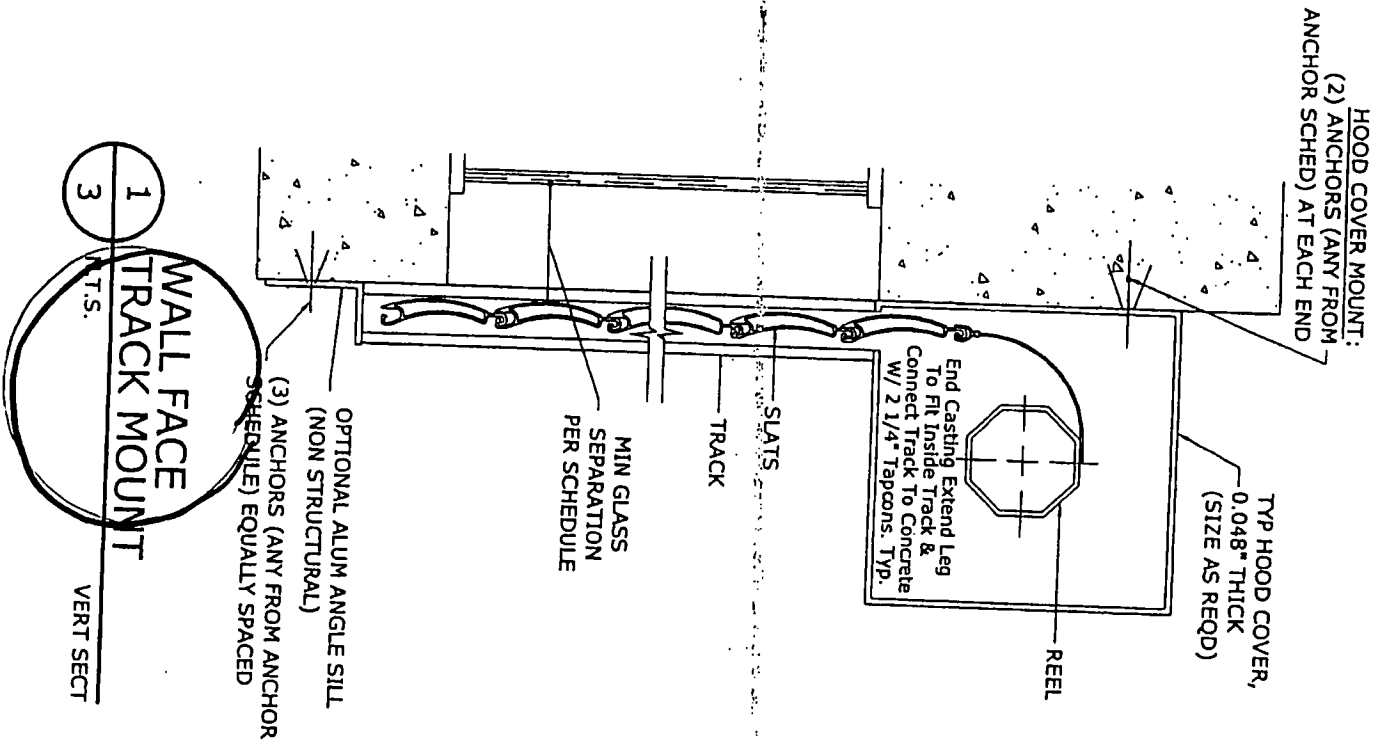
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TRACK MOUNT DETAILS



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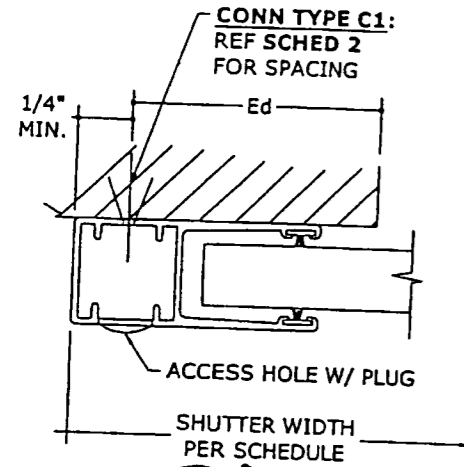
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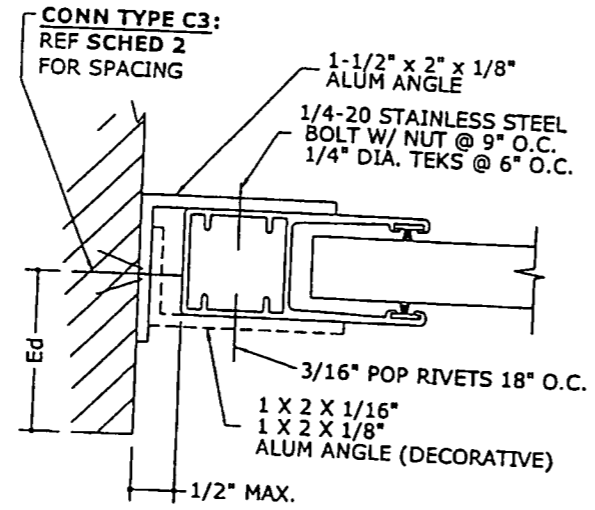
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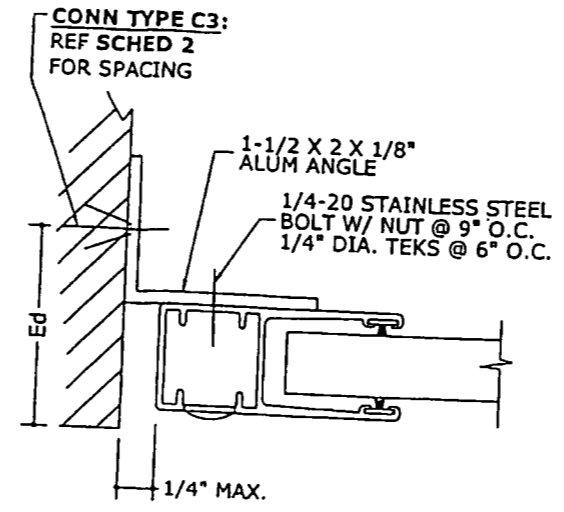
TRACK CONNECTION DETAILS



1
4
WALL FACE TRACK MOUNT
1:1 SCALE HORIZ SECTION

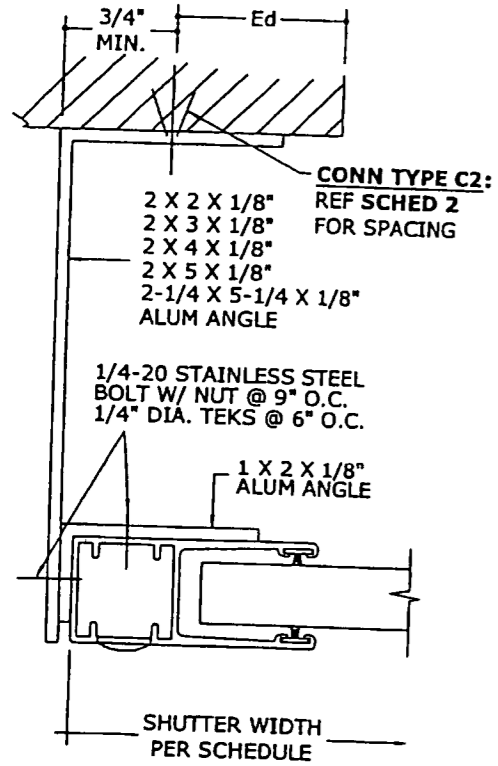


2
4
TRAPPED TRACK MOUNT
1:1 SCALE HORIZ SECTION

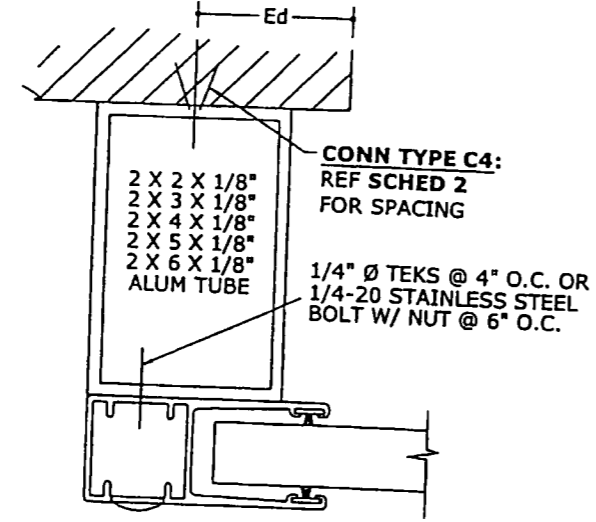


3
4
TRAPPED (ALT) TRACK MOUNT
1:1 SCALE HORIZ SECTION

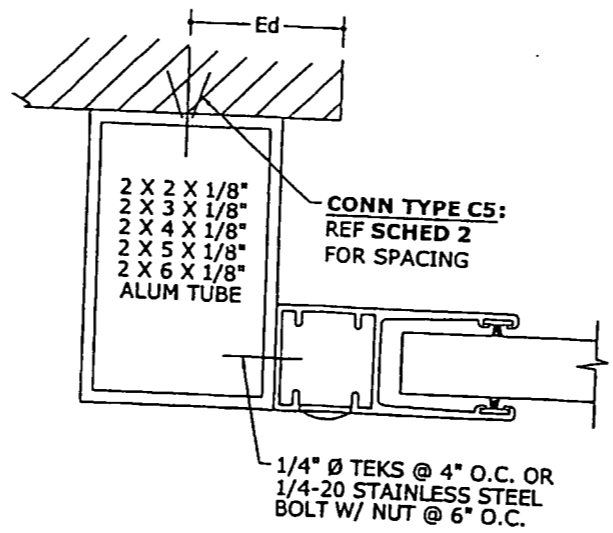
MINIMUM SLAT ENGAGEMENT INTO TRACK = 1-1/4"
(TYPICAL ALL INSTALLATIONS)



4
4
BUILDOUT ANGLE TRACK MOUNT
1:1 SCALE HORIZ SECTION



5
4
BUILDOUT TUBE TRACK MOUNT (FACE)
1:1 SCALE HORIZ SECTION



6
4
BUILDOUT TUBE TRACK MOUNT (TRAPPED)
1:1 SCALE HORIZ SECTION

2 TRACK MOUNT ANCHOR SCHEDULE

BASE MAT'L	ANCHOR TYPE	DESIGN LOAD (PSF)	CONNECTION TYPE				
			C1	C2	C3	C4	C5
CONCRETE	A 1/4" ITW TAPCON WITH 1-3/4" MIN EMBED TO 3000psi CONC (MIN)	50	6"	12"	9"	12"	9"
		60	6"	10"	8"	12"	8"
		100	5"	7"	6"	10"	5"
		140	4"	5"	4"	8"	4"
		200	3"	4"	3"	6"	3"
		200	4"	5"	3"	7"	4"
	C 1/4-20 POWERS CALK-IN WITH 7/8" MIN EMBED TO 3000psi CONC (MIN)	50	10"	12"	9"	12"	11"
		60	7"	12"	8"	12"	10"
		100	6"	9"	6"	12"	6"
		140	5"	7"	4"	10"	5"
		200	4"	5"	3"	7"	4"
		200	3"	4"	3"	5"	3"
HOLLOW BLOCK	B 1/4" ITW TAPCON WITH 1-1/4" MIN EMBEDMENT	50	3"	4"	5"	4"	3"
		60	3"	3"	5"	4"	3"
		100	3"	3"	3"	3"	3"
		140	3"	3"	3"	3"	3"
		200	3"	3"	3"	3"	3"
		200	3"	3"	3"	3"	3"
	D 1/4-20 POWERS CALK-IN WITH 7/8" MIN EMBED	50	4"	6"	7"	6"	5"
		60	3"	5"	6"	6"	4"
		100	3"	3"	4"	5"	4"
		140	3"	3"	3"	4"	3"
		200	3"	3"	3"	3"	3"
		200	3"	3"	3"	3"	3"
WOOD	E #14 WOOD SCREW OR S.M.S. WITH 1-1/2" MIN EMBEDMENT	50	6"	9"	3"	9"	6"
		60	4"	7"	3"	9"	6"
		100	4"	5"	3"	8"	4"
		140	3"	4"	3"	6"	3"
		200	3"	3"	3"	4"	3"
		200	3"	3"	3"	4"	3"
	F 1/4" LAG SCREW WITH 1-1/2" MIN EMBEDMENT	50	7"	11"	3"	11"	8"
		60	5"	9"	3"	11"	7"
		100	5"	6"	3"	9"	4"
		140	4"	4"	3"	7"	4"
		200	3"	4"	3"	5"	4"
		200	3"	4"	3"	5"	4"

ANCHOR NOTES:

- ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO HOLLOW BLOCK. EDGE DISTANCE OF 1-1/4" IS ACCEPTABLE FOR ANCHORS TO WOOD.
- MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
- WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x4 (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING). WOOD SUBSTRATES SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
- ANCHOR SCHEDULE APPLIES FOR ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
- MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFER HEAD ("SIDEWALK BOLT") U.N.O.
- DESIGNATES ANCHOR CONDITIONS WHICH ARE NOT ACCEPTABLE FOR USE.

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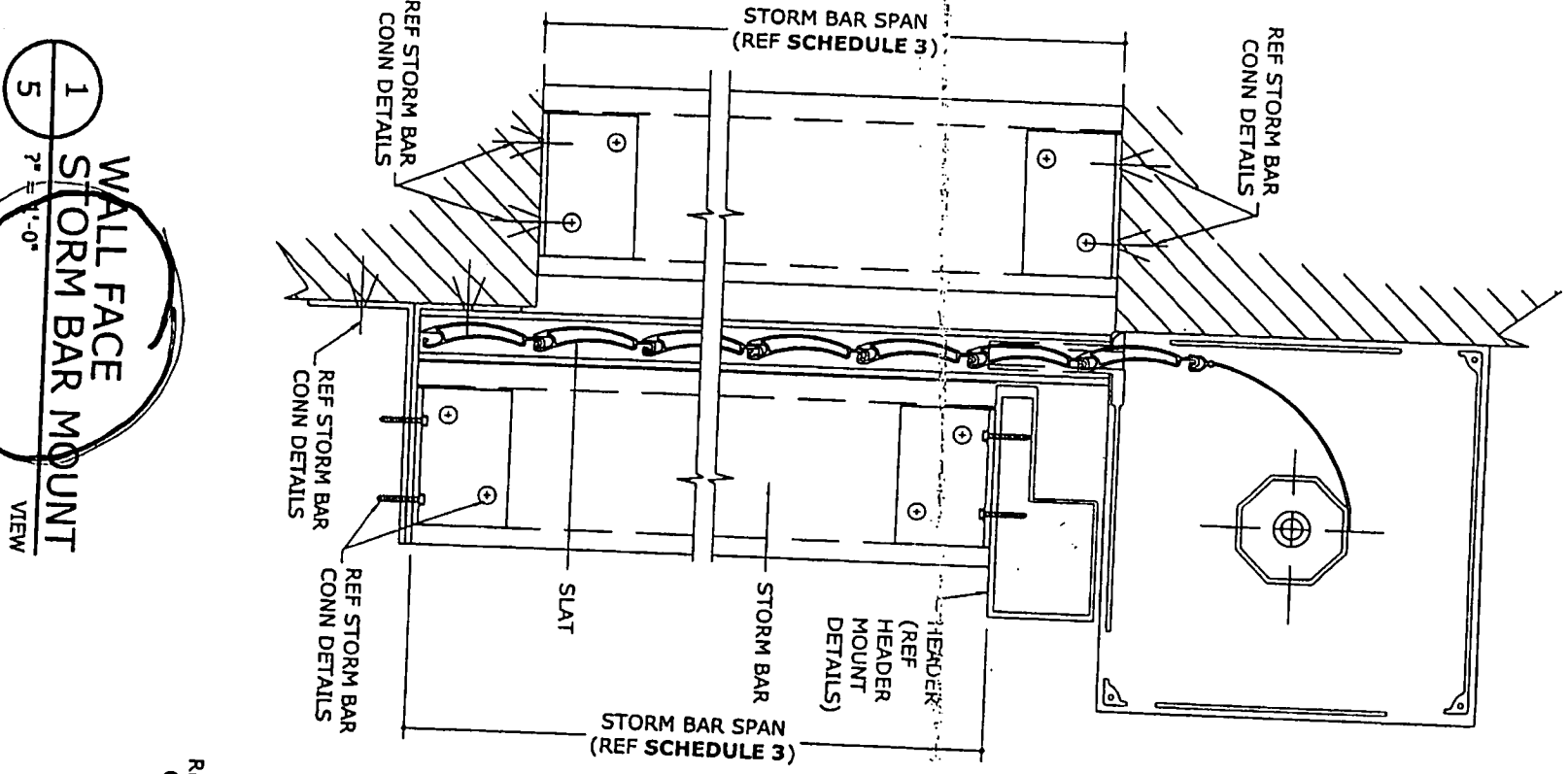
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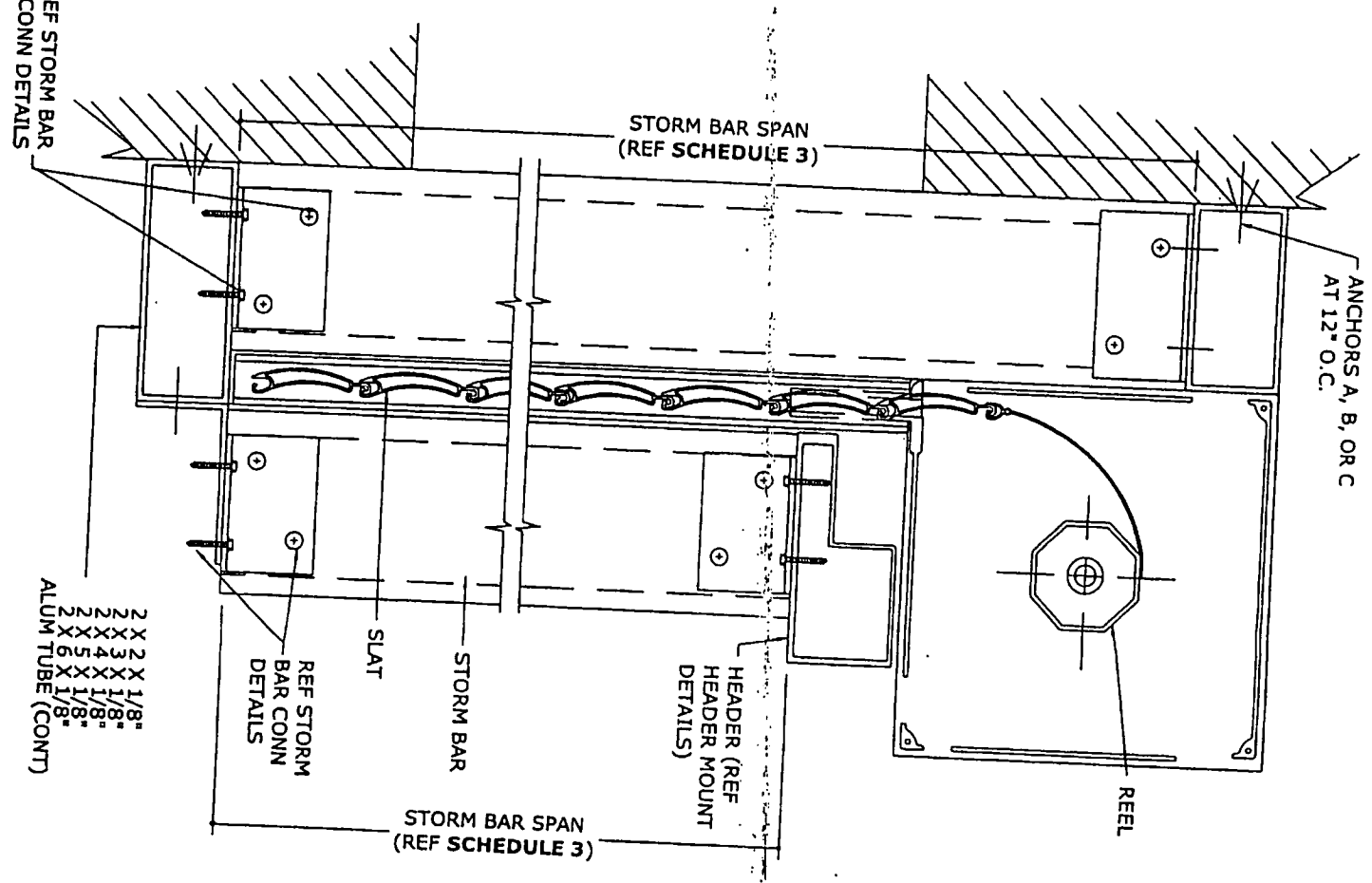
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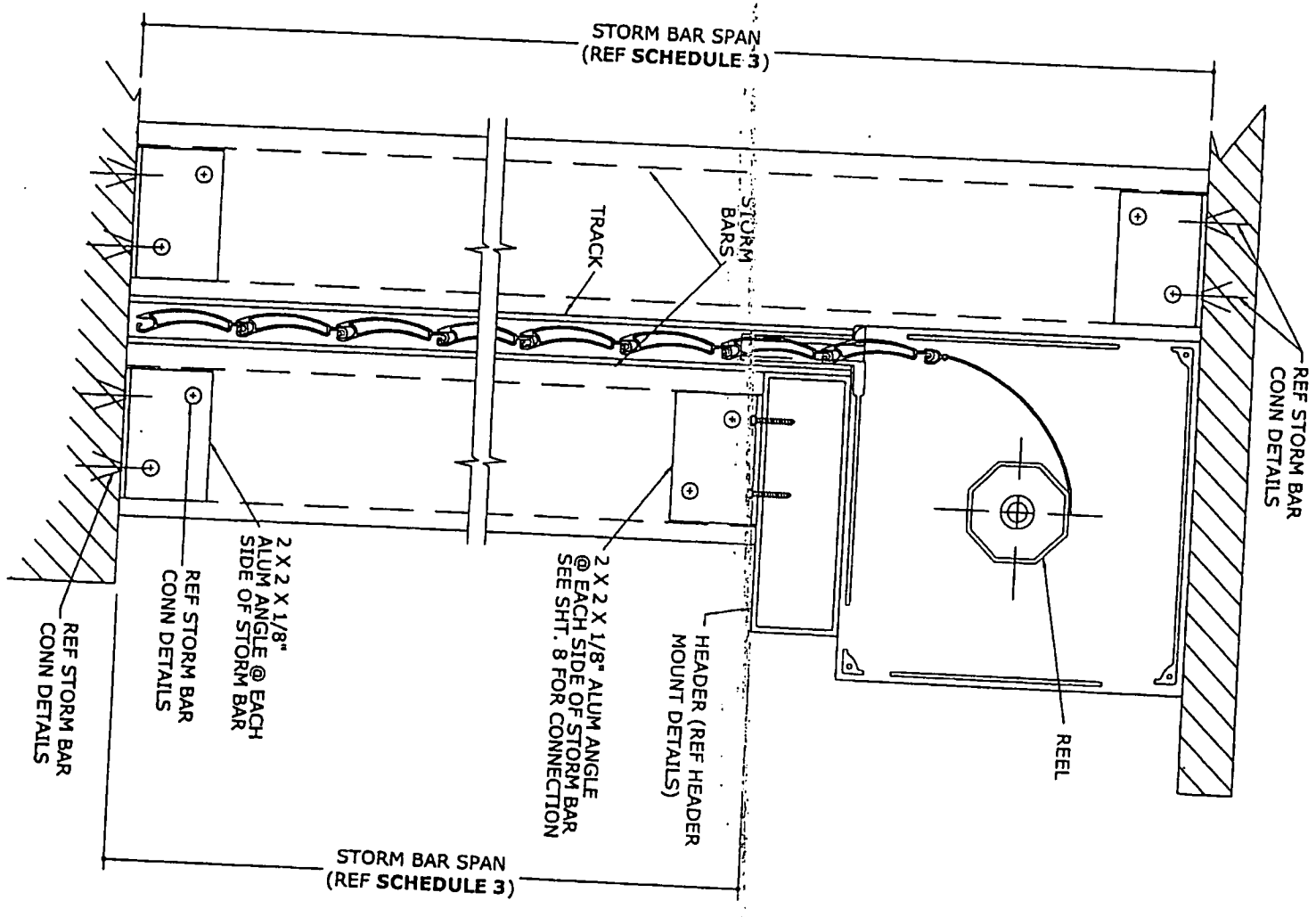
STORM BAR MOUNT DETAILS



1
WALL FACE
STORM BAR MOUNT
VIEW
SCALE: 1" = 1'-0"



2
BUILDOUT
STORM BAR MOUNT
VIEW
SCALE: 1" = 1'-0"



3
TRAPPED
STORM BAR MOUNT
VIEW
SCALE: 1" = 1'-0"

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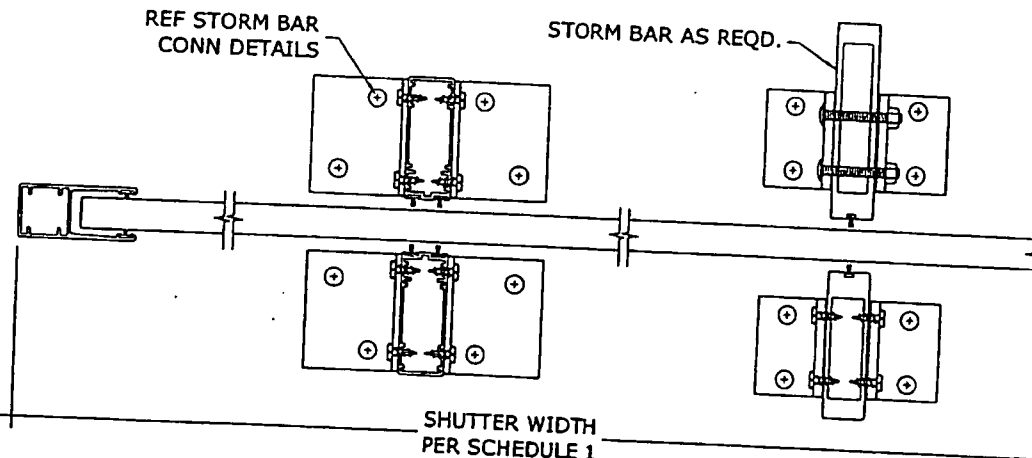
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3 STORM BAR SPAN SCHEDULE

WIND LOAD (+/-)	2-1/2" x 1" + INSERT				3" x .875"				4" x .875"				5" x .875"				2" x 6" x 1/8"				2" x 6" x 1/8" + 5-5/8" STIFFENER			
	TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS	
	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS	STORM BAR SPAN	REACTION AT ENDS
20 psf	66.0"	410 lb	70.0"	385 lb	89.0"	555 lb	94.0"	518 lb	109.0"	681 lb	116.0"	636 lb	126.0"	977 lb	133.0"	730 lb	159.0"	987 lb	169.0"	924 lb	120.0"	745 lb	120.0"	656 lb
30 psf	54.0"	503 lb	57.0"	472 lb	73.0"	688 lb	78.0"	643 lb	91.0"	848 lb	96.0"	792 lb	105.0"	977 lb	111.0"	912 lb	130.0"	1219 lb	139.0"	1141 lb	120.0"	1118 lb	120.0"	984 lb
40 psf	47.0"	581 lb	50.0"	545 lb	64.0"	801 lb	68.0"	749 lb	79.0"	990 lb	84.0"	925 lb	92.0"	1143 lb	97.0"	1067 lb	113.0"	1415 lb	121.0"	1325 lb	120.0"	1490 lb	120.0"	1312 lb
45 psf	44.0"	616 lb	47.0"	579 lb	61.0"	852 lb	64.0"	797 lb	75.0"	1054 lb	80.0"	985 lb	87.0"	1218 lb	92.0"	1137 lb	107.0"	1504 lb	114.0"	1408 lb	120.0"	1676 lb	120.0"	1476 lb
50 psf	42.0"	650 lb	44.0"	609 lb	58.0"	901 lb	61.0"	843 lb	71.0"	1115 lb	76.0"	1042 lb	83.0"	1290 lb	88.0"	1204 lb	102.0"	1588 lb	108.0"	1487 lb	120.0"	1863 lb	120.0"	1640 lb
55 psf	40.0"	681 lb	42.0"	639 lb	55.0"	947 lb	58.0"	886 lb	68.0"	1173 lb	72.0"	1096 lb	79.0"	1358 lb	84.0"	1268 lb	97.0"	1668 lb	103.0"	1562 lb	120.0"	2049 lb	120.0"	1804 lb
60 psf	38.0"	712 lb	40.0"	668 lb	53.0"	992 lb	56.0"	927 lb	75.0"	1229 lb	70.0"	1148 lb	76.0"	1423 lb	81.0"	1328 lb	93.0"	1744 lb	99.0"	1634 lb	120.0"	2235 lb	120.0"	1968 lb
65 psf	37.0"	733 lb	39.0"	687 lb	51.0"	1023 lb	55.0"	955 lb	65.0"	1269 lb	68.0"	1183 lb	74.0"	1469 lb	79.0"	1368 lb	91.0"	1799 lb	97.0"	1681 lb	120.0"	2373 lb	120.0"	2080 lb
70 psf	36.0"	748 lb	38.0"	704 lb	50.0"	1063 lb	52.0"	1005 lb	62.0"	1318 lb	65.0"	1214 lb	73.0"	1498 lb	77.0"	1405 lb	89.0"	1834 lb	94.0"	1724 lb	120.0"	2462 lb	120.0"	2184 lb
75 psf	36.0"	760 lb	37.0"	720 lb	50.0"	1043 lb	53.0"	980 lb	60.0"	1363 lb	62.0"	1304 lb	69.0"	1555 lb	74.0"	1475 lb	86.0"	1900 lb	90.0"	1768 lb	120.0"	2550 lb	120.0"	2293 lb
80 psf	35.0"	772 lb	37.0"	736 lb	49.0"	1082 lb	51.0"	1028 lb	61.0"	1421 lb	63.0"	1342 lb	70.0"	1603 lb	71.0"	1509 lb	85.0"	1929 lb	88.0"	1808 lb	120.0"	2639 lb	120.0"	2396 lb
85 psf	35.0"	784 lb	36.0"	751 lb	48.0"	1098 lb	50.0"	1051 lb	60.0"	1477 lb	62.0"	1383 lb	61.0"	1663 lb	72.0"	1559 lb	86.0"	1900 lb	90.0"	1808 lb	120.0"	2716 lb	120.0"	2499 lb
90 psf	34.0"	796 lb	35.0"	765 lb	47.0"	1114 lb	49.0"	1071 lb	59.0"	1533 lb	61.0"	1423 lb	59.0"	1717 lb	71.0"	1603 lb	88.0"	1929 lb	88.0"	1848 lb	120.0"	2792 lb	120.0"	2591 lb
95 psf	34.0"	806 lb	35.0"	778 lb	47.0"	1130 lb	48.0"	1091 lb	58.0"	1589 lb	60.0"	1469 lb	58.0"	1773 lb	70.0"	1626 lb	84.0"	1956 lb	87.0"	1882 lb	120.0"	2869 lb	120.0"	2683 lb
100 psf	33.0"	816 lb	34.0"	793 lb	46.0"	1146 lb	47.0"	1113 lb	57.0"	1645 lb	57.0"	1515 lb	56.0"	1829 lb	67.0"	1649 lb	80.0"	1984 lb	85.0"	1916 lb	120.0"	2945 lb	120.0"	2786 lb
105 psf	33.0"	827 lb	34.0"	805 lb	46.0"	1161 lb	47.0"	1132 lb	56.0"	1701 lb	56.0"	1458 lb	55.0"	1885 lb	66.0"	1672 lb	77.0"	2011 lb	84.0"	1954 lb	120.0"	3022 lb	120.0"	2878 lb
110 psf	32.0"	836 lb	33.0"	818 lb	45.0"	1174 lb	46.0"	1151 lb	55.0"	1757 lb	55.0"	1493 lb	54.0"	1941 lb	65.0"	1691 lb	74.0"	2037 lb	82.0"	1987 lb	120.0"	3100 lb	120.0"	2969 lb
115 psf	32.0"	846 lb	33.0"	831 lb	45.0"	1189 lb	45.0"	1169 lb	54.0"	1813 lb	54.0"	1524 lb	53.0"	2007 lb	64.0"	1711 lb	71.0"	2059 lb	81.0"	2019 lb	120.0"	3178 lb	120.0"	3061 lb
120 psf	32.0"	855 lb	32.0"	842 lb	44.0"	1201 lb	45.0"	1183 lb	53.0"	1871 lb	53.0"	1559 lb	52.0"	2063 lb	63.0"	1731 lb	68.0"	2086 lb	80.0"	2051 lb	120.0"	3256 lb	120.0"	3150 lb
125 psf	31.0"	864 lb	32.0"	854 lb	44.0"	1214 lb	44.0"	1201 lb	52.0"	1927 lb	52.0"	1599 lb	51.0"	2119 lb	62.0"	1750 lb	65.0"	2107 lb	79.0"	2075 lb	120.0"	3334 lb	120.0"	3242 lb
130 psf	31.0"	870 lb	31.0"	865 lb	43.0"	1226 lb	44.0"	1219 lb	51.0"	1983 lb	51.0"	1637 lb	50.0"	2175 lb	61.0"	1768 lb	63.0"	2150 lb	77.0"	2106 lb	120.0"	3412 lb	120.0"	3324 lb
135 psf	30.0"	881 lb	31.0"	873 lb	43.0"	1238 lb	43.0"	1231 lb	50.0"	2039 lb	50.0"	1675 lb	49.0"	2231 lb	60.0"	1786 lb	60.0"	2175 lb	76.0"	2138 lb	120.0"	3490 lb	120.0"	3406 lb
140 psf	30.0"	888 lb	30.0"	881 lb	43.0"	1251 lb	43.0"	1243 lb	53.0"	2095 lb	53.0"	1713 lb	52.0"	2287 lb	59.0"	1804 lb	62.0"	2193 lb	75.0"	2179 lb	120.0"	3568 lb	120.0"	3494 lb
145 psf			30.0"	889 lb	42.0"	1263 lb	43.0"	1255 lb	53.0"	2151 lb	53.0"	1751 lb	51.0"	2343 lb	58.0"	1821 lb	62.0"	2232 lb	74.0"	2199 lb	120.0"	3646 lb	120.0"	3582 lb
150 psf					42.0"	1275 lb	42.0"	1266 lb	52.0"	2207 lb	52.0"	1789 lb	50.0"	2399 lb	57.0"	1839 lb	61.0"	2270 lb	73.0"	2218 lb	120.0"	3724 lb	120.0"	3670 lb
155 psf					42.0"	1283 lb	42.0"	1278 lb	52.0"	2263 lb	52.0"	1827 lb	49.0"	2455 lb	56.0"	1852 lb	61.0"	2301 lb	72.0"	2238 lb	120.0"	3802 lb	120.0"	3758 lb
160 psf					41.0"	1295 lb	41.0"	1289 lb	51.0"	2319 lb	51.0"	1865 lb	48.0"	2511 lb	55.0"	1869 lb	60.0"	2338 lb	71.0"	2258 lb	120.0"	3884 lb	120.0"	3846 lb
165 psf					41.0"	1305 lb	41.0"	1294 lb	51.0"	2375 lb	51.0"	1903 lb	47.0"	2567 lb	54.0"	1884 lb	60.0"	2375 lb	70.0"	2277 lb	120.0"	3966 lb	120.0"	3934 lb
170 psf					41.0"	1315 lb	41.0"	1304 lb	51.0"	2431 lb	51.0"	1941 lb	46.0"	2623 lb	53.0"	1899 lb	59.0"	2412 lb	69.0"	2296 lb	120.0"	4048 lb	120.0"	4022 lb
175 psf					40.0"	1326 lb	41.0"	1314 lb	50.0"	2487 lb	50.0"	1979 lb	45.0"	2679 lb	52.0"	1914 lb	59.0"	2449 lb	68.0"	2315 lb	120.0"	4130 lb	120.0"	4110 lb
180 psf					40.0"	1336 lb	40.0"	1324 lb	50.0"	2543 lb	50.0"	2017 lb	44.0"	2735 lb	51.0"	1929 lb	58.0"	2486 lb	67.0"	2334 lb	120.0"	4212 lb	120.0"	4198 lb
185 psf					40.0"	1346 lb	40.0"	1334 lb	50.0"	2600 lb	50.0"	2055 lb	43.0"	2791 lb	50.0"	1944 lb	58.0"	2523 lb	66.0"	2353 lb	120.0"	4294 lb	120.0"	4286 lb
190 psf					39.0"	1355 lb	39.0"	1344 lb	49.0"	2656 lb	49.0"	2093 lb	42.0"	2847 lb	49.0"	1959 lb	57.0"	2562 lb	65.0"	2372 lb	120.0"	4376 lb	120.0"	4374 lb
195 psf					39.0"	1365 lb	39.0"	1354 lb	49.0"	2712 lb	49.0"	2131 lb	41.0"	2903 lb	48.0"	1973 lb	57.0"	2601 lb	64.0"	2391 lb	120.0"	4458 lb	120.0"	4462 lb
200 psf					38.0"	1375 lb	38.0"	1364 lb	49.0"	2768 lb	48.0"	2169 lb	40.0"	2959 lb	48.0"	1987 lb	55.0"	2640 lb	63.0"	2410 lb	120.0"	4540 lb	120.0"	4550 lb



STORM BAR SPAN SCHEDULE NOTES

1. SPANS SHOWN IN "STORM BAR SPAN SCHEDULE" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE FOR TWO- OR THREE-SPAN CONDITIONS.
2. "REACTION AT ENDS" IS LISTED FOR EACH COMBINATION OF DESIGN LOAD, STORM BAR TYPE, & SPAN CONDITION. CHOOSE NUMBER OF ANCHORS FOR DESIRED MOUNTING CONNECTION (PER APPROPRIATE SCHEDULES 4 THRU 7) THAT PROVIDES "CONNECTION CAPACITY" GREATER THAN OR EQUAL TO "REACTION AT ENDS" GIVEN ABOVE.
3. ALLOWABLE SPANS PROVIDED ABOVE MAY BE USED WITH ANY SLAT SPAN ACCORDING TO SCHEDULE 1.
4. THIS SCHEDULE MAY BE USED FOR ALL STORM BAR MOUNTING CONDITIONS LISTED HEREIN.

1 TYPICAL STORM BAR LAYOUT
6 N.T.S.
PLAN VIEW

FRANK L. BENNARDO, P.E.
PE0046549

03/06/2006

VALID FOR (1) JOB ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

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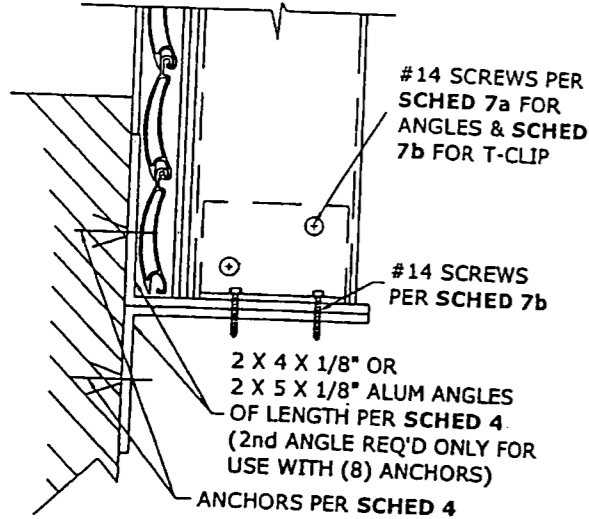
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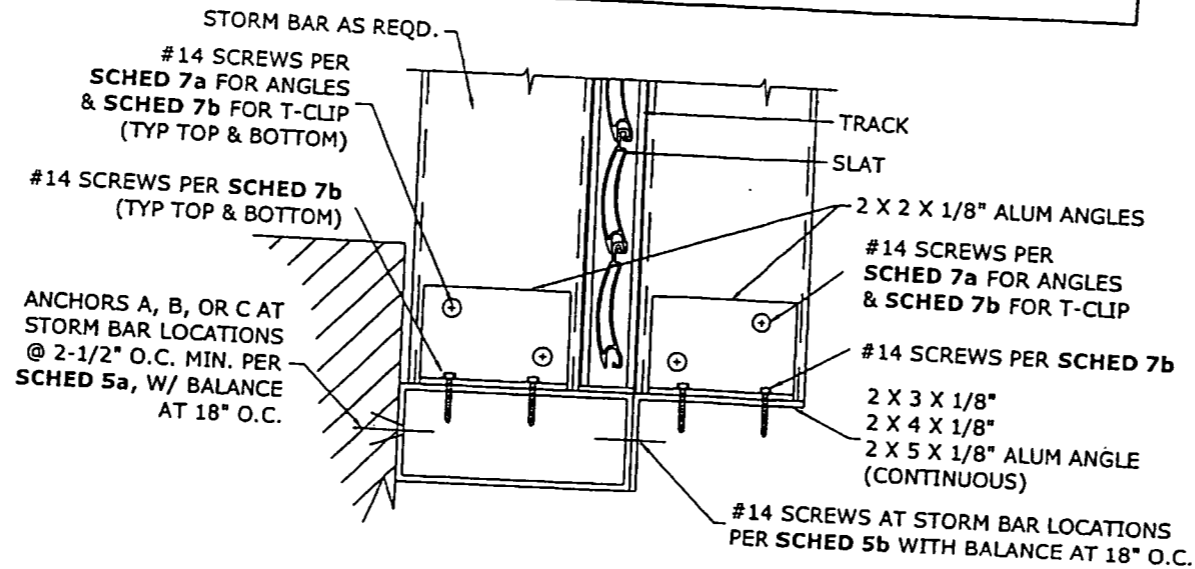
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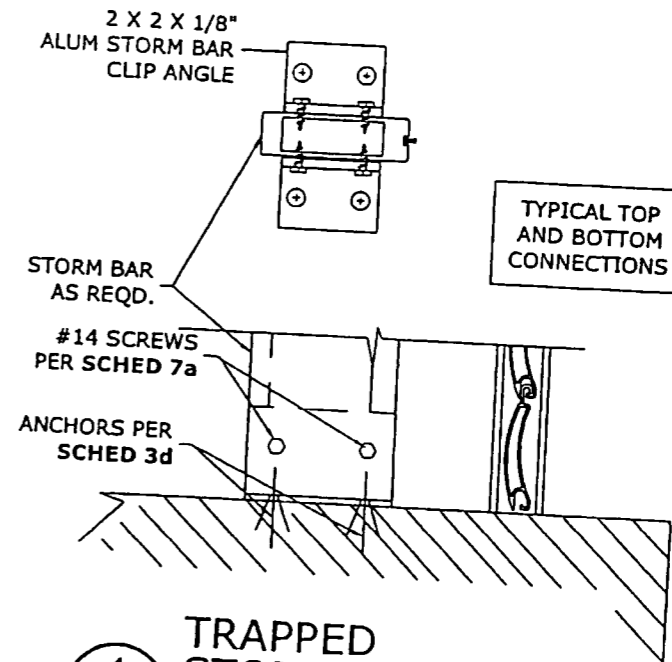
STORM BAR CONNECTION DETAILS



1
WALL FACE STORM BAR CONN
N.T.S. VERT SECTION

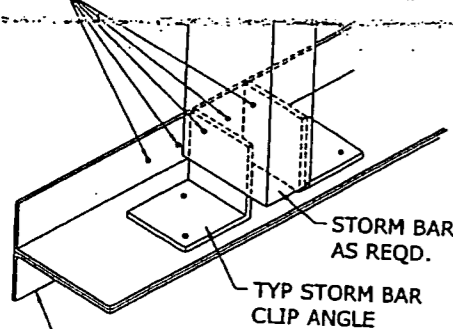


3
BUILDOUT STORM BAR CONN
N.T.S. VERT SECTION



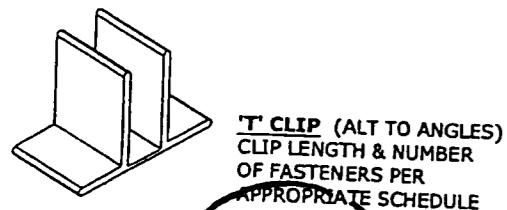
4
TRAPPED STORM BAR CONN
N.T.S. VERT SECTION

ANCHORS SPECIFIED IN CONNECTION TABLE (TYP TOP & BOTTOM ANGLE, WHERE APPROPRIATE). BUILDOUT CONNECTION TABLE ANCHORS ARE SIMILAR.



ONLY (1) ANGLE REQ'D FOR USE WITH (6) ANCHORS OR LESS. 2nd ANGLE REQ'D ONLY FOR USE WITH (8) ANCHORS.

2
WALL FACE STORM BAR CONN
N.T.S. ISOMETRIC



5
TYPICAL 'T' CLIP
N.T.S. ISOMETRIC

4
WALL FACE STORM BAR CONNECTION (ANGLE)

ANGLE LENGTH	NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
9"	4	A	CONCRETE	586 LB
		B	BLOCK	586 LB
		C	CONCRETE	586 LB
		D	BLOCK	586 LB
		E	WOOD	586 LB
		F	WOOD	586 LB
12"	4	A	CONCRETE	780 LB
		B	BLOCK	616 LB
		C	CONCRETE	780 LB
		D	BLOCK	780 LB
		E	WOOD	780 LB
		F	WOOD	780 LB
15"	6	A	CONCRETE	975 LB
		B	BLOCK	924 LB
		C	CONCRETE	975 LB
		D	BLOCK	975 LB
		E	WOOD	975 LB
		F	WOOD	975 LB
18"	6	A	CONCRETE	1170 LB
		B	BLOCK	924 LB
		C	CONCRETE	1170 LB
		D	BLOCK	1170 LB
		E	WOOD	1170 LB
		F	WOOD	1170 LB
24"	8*	A	CONCRETE	1560 LB
		B	BLOCK	1232 LB
		C	CONCRETE	1560 LB
		D	BLOCK	1560 LB
		E	WOOD	1560 LB
		F	WOOD	1560 LB

* NOTE: USE (2) ANGLES WHEN (8) ANCHORS REQUIRED

5a
BUILDOUT STORM BAR CONNECTION (TUBE)

NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
2	A	CONCRETE	421 LB
	B	BLOCK	154 LB
	C	CONCRETE	526 LB
	D	BLOCK	220 LB
	E	WOOD	312 LB
	F	WOOD	390 LB
3	A	CONCRETE	586 LB
	B	BLOCK	231 LB
	C	CONCRETE	586 LB
	D	BLOCK	330 LB
	E	WOOD	468 LB
	F	WOOD	586 LB
4	A	CONCRETE	586 LB
	B	BLOCK	308 LB
	C	CONCRETE	586 LB
	D	BLOCK	440 LB
	E	WOOD	586 LB
	F	WOOD	586 LB

5b
ANGLE CONNECTION TO BUILDOUT TUBE

NUMBER OF SCREWS	CONNECTION CAPACITY
2	265 LB
3	397 LB
4	530 LB

NOTE: ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

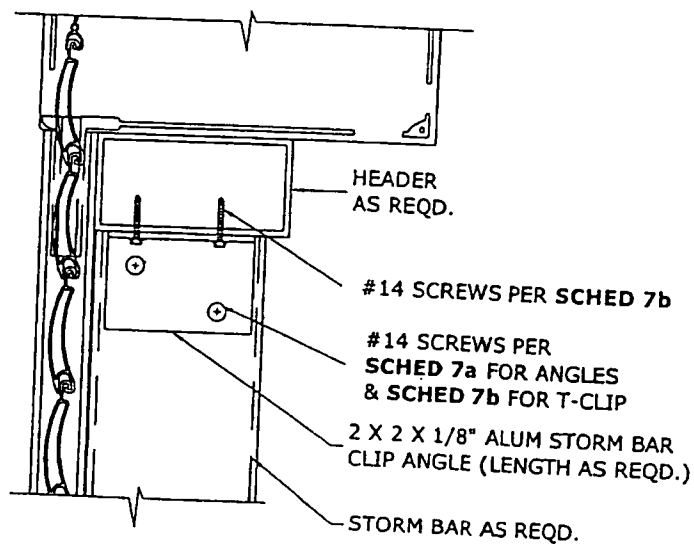
6
TRAPPED STORM BAR CONNECTION (DIRECT)

ANGLE LENGTH	NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
2"	2	A	CONCRETE	874 LB
		B	BLOCK	530 LB
		C	CONCRETE	882 LB
		D	BLOCK	670 LB
		E	WOOD	302 LB
		F	WOOD	214 LB
3.5"	4	A	CONCRETE	1748 LB
		B	BLOCK	1060 LB
		C	CONCRETE	1764 LB
		D	BLOCK	1340 LB
		E	WOOD	604 LB
		F	WOOD	428 LB
6.5"	6	A	CONCRETE	2622 LB
		B	BLOCK	1590 LB
		C	CONCRETE	2646 LB
		D	BLOCK	2010 LB
		E	WOOD	906 LB
		F	WOOD	642 LB
9"	8	A	CONCRETE	3496 LB
		B	BLOCK	2120 LB
		C	CONCRETE	3528 LB
		D	BLOCK	2680 LB
		E	WOOD	1208 LB
		F	WOOD	856 LB

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11



1 STORM BAR CONN TO HEADER
8 N.T.S. VERT SECTION

7a STORM BAR BRACKET CONNECTION (ANGLES)

CLIP ANGLE LENGTH	SCREWS PER LEG	SCREW SPACING	CONNECTION CAPACITY
2"	2	1 1/2"	1230 LB
	3	3/4"	1476 LB
3"	2	2"	1406 LB
	3	2"	1736 LB
	4	3/4"	2236 LB
4"	2	3"	1640 LB
	3	1 1/2"	2108 LB
	4	1"	2588 LB
	5	3/4"	3074 LB
5"	2	4"	1789 LB
	3	2"	2361 LB
	4	1 1/4"	2860 LB
	5	1"	3514 LB
* 2"	2	1 1/2"	773 LB
	3	3/4"	928 LB

* FOR USE ONLY WITH 2" & 2-1/2" STORM BARS WITH 1/16" WALL THICKNESS

7b STORM BAR BRACKET CONNECTION ('T' CLIP)

NUMBER OF SCREWS	CONNECTION CAPACITY
1	1231 LB
2	2463 LB
3	3694 LB
4	4926 LB

NOTE: ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

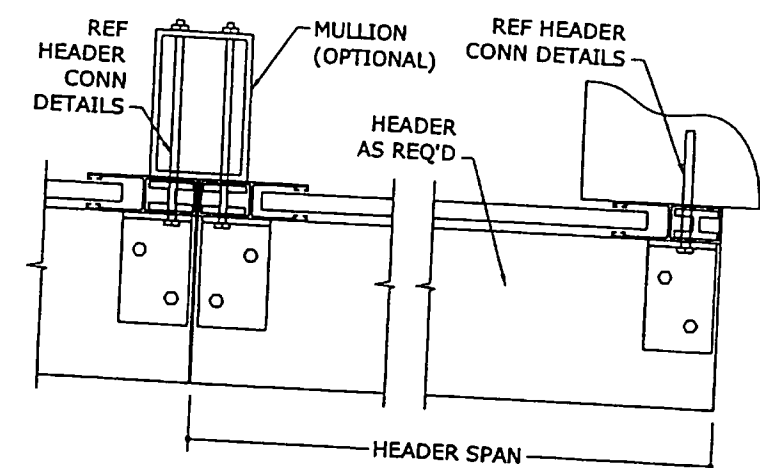
HEADER MOUNT DETAILS

8 HEADER SCHEDULE

HEADER SPAN	CUSTOM HEADER				2" x 6" x 1/8"				2" x 6" x 1/8" + 5-5/8" STIFFENER			
	TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS	
	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS	MAX STORM BAR TOP REACTION	HEADER REACTION AT ENDS
60"	2206 lb	1103 lb	1654 lb	1654 lb	2759 lb	1380 lb	2069 lb	2069 lb	4819 lb	2410 lb	3614 lb	3614 lb
66"	2005 lb	1003 lb	1504 lb	1504 lb	2508 lb	1254 lb	1881 lb	1881 lb	4381 lb	2191 lb	3286 lb	3286 lb
72"	1838 lb	919 lb	1378 lb	1378 lb	2290 lb	1150 lb	1724 lb	1724 lb	4016 lb	2008 lb	3012 lb	3012 lb
78"	1696 lb	848 lb	1272 lb	1272 lb	2122 lb	1061 lb	1592 lb	1592 lb	3707 lb	1854 lb	2780 lb	2780 lb
84"	1575 lb	788 lb	1181 lb	1181 lb	1970 lb	985 lb	1478 lb	1478 lb	3442 lb	1721 lb	2582 lb	2582 lb
90"	1470 lb	735 lb	1102 lb	1102 lb	1839 lb	920 lb	1380 lb	1380 lb	3213 lb	1607 lb	2410 lb	2410 lb
96"	1378 lb	689 lb	1033 lb	1033 lb	1724 lb	862 lb	1293 lb	1293 lb	3012 lb	1506 lb	2259 lb	2259 lb
102"	1297 lb	649 lb	973 lb	973 lb	1623 lb	812 lb	1217 lb	1217 lb	2835 lb	1418 lb	2126 lb	2126 lb
108"	1225 lb	613 lb	918 lb	918 lb	1533 lb	766 lb	1149 lb	1149 lb	2677 lb	1339 lb	2008 lb	2008 lb
114"	1160 lb	580 lb	870 lb	870 lb	1452 lb	726 lb	1089 lb	1089 lb	2536 lb	1268 lb	1902 lb	1902 lb
120"	1102 lb	551 lb	826 lb	826 lb	1379 lb	690 lb	1034 lb	1034 lb	2410 lb	1205 lb	1807 lb	1807 lb
126"	1049 lb	525 lb	786 lb	786 lb	1314 lb	657 lb	985 lb	985 lb	2295 lb	1148 lb	1721 lb	1721 lb
132"	953 lb	477 lb	751 lb	751 lb	1254 lb	627 lb	940 lb	940 lb	2190 lb	1095 lb	1643 lb	1643 lb
138"	912 lb	456 lb	718 lb	718 lb	1200 lb	600 lb	899 lb	899 lb	2095 lb	1048 lb	1571 lb	1571 lb
144"	873 lb	437 lb	688 lb	688 lb	1150 lb	575 lb	862 lb	862 lb	2008 lb	1005 lb	1506 lb	1506 lb
150"	838 lb	419 lb	661 lb	661 lb	1103 lb	552 lb	827 lb	827 lb	1929 lb	965 lb	1446 lb	1446 lb
156"	806 lb	403 lb	636 lb	636 lb	1061 lb	531 lb	795 lb	795 lb	1854 lb	927 lb	1390 lb	1390 lb
162"	776 lb	388 lb	612 lb	612 lb	1022 lb	511 lb	766 lb	766 lb	1786 lb	893 lb	1338 lb	1338 lb
168"	748 lb	374 lb			985 lb	493 lb	739 lb	739 lb	1722 lb	861 lb	1290 lb	1290 lb
174"	723 lb	362 lb			951 lb	476 lb	713 lb	713 lb	1662 lb	831 lb	1246 lb	1246 lb
180"	698 lb	349 lb			919 lb	460 lb	690 lb	690 lb	1607 lb	804 lb	1204 lb	1204 lb
186"					889 lb	445 lb	667 lb	667 lb	1555 lb	778 lb	1166 lb	1166 lb
192"					862 lb	431 lb	646 lb	646 lb	1507 lb	754 lb	1130 lb	1130 lb
198"					836 lb	418 lb			1461 lb	731 lb	1095 lb	1095 lb
204"					811 lb	406 lb			1418 lb	709 lb	1063 lb	1063 lb
210"									1378 lb	689 lb	1032 lb	1032 lb
216"									1339 lb	670 lb	1004 lb	1004 lb
222"									1303 lb	652 lb	976 lb	976 lb

HEADER SCHEDULE NOTES:

- "MAX STORM BAR TOP REACTIONS" SHOWN IN "HEADER SCHEDULE" ARE MAXIMUM ALLOWABLE STORM BAR END REACTIONS AT EACH RESPECTIVE HEADER SPAN FOR TWO- & THREE-SPAN CONDITIONS.
- "HEADER REACTION AT ENDS" IS LISTED FOR EACH COMBINATION OF HEADER SPAN, HEADER TYPE, & SPAN CONDITION. CHOOSE NUMBER OF ANCHORS FOR DESIRED MOUNTING CONNECTION (PER APPROPRIATE SCHEDULES 9 THRU 14) THAT PROVIDES "CONNECTION CAPACITY" GREATER THAN OR EQUAL TO "HEADER REACTION AT ENDS" GIVEN ABOVE.
- ALLOWABLE CONDITIONS PROVIDED ABOVE MAY BE USED WITH ANY SLAT SPAN ACCORDING TO SCHEDULE 1.
- THIS SCHEDULE MAY BE USED FOR ALL HEADER MOUNTING CONDITIONS LISTED HEREIN.



1 TYPICAL STORM BAR LAYOUT
6 N.T.S. PLAN VIEW

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PE0046549

03/06/2006

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CERTIFICATE OF AUTHORIZATION: #9885

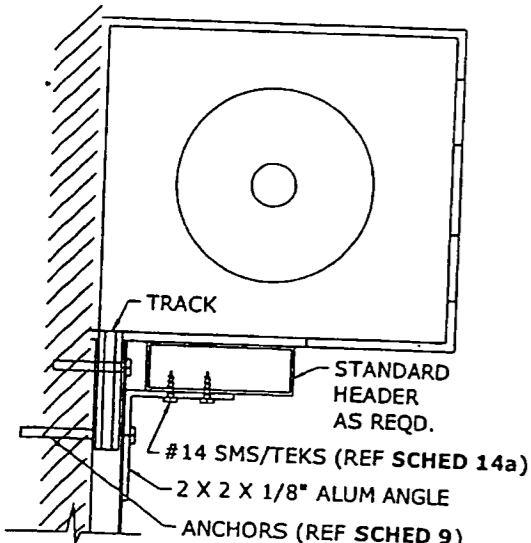
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REMARKS	DATE
INT ISSUE	3/2/06

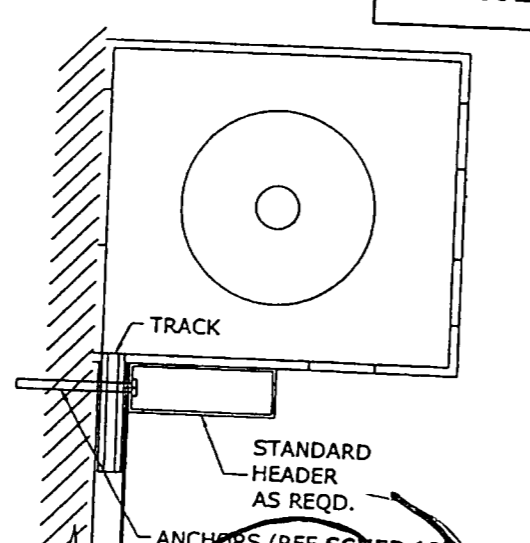
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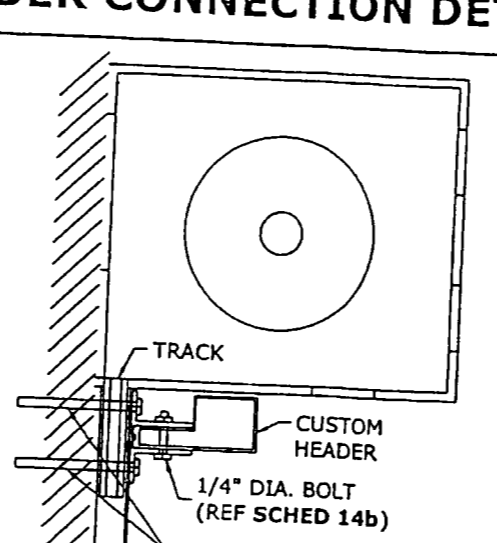
HEADER CONNECTION DETAILS



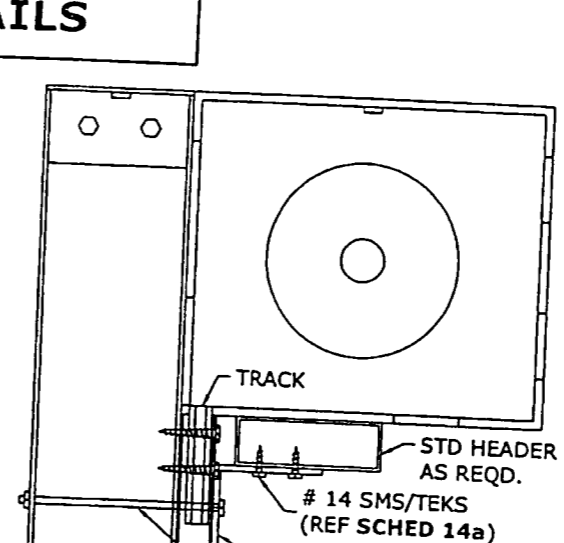
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9 N.T.S. VERT SECTION
STANDARD HEADER MOUNT TO WALL



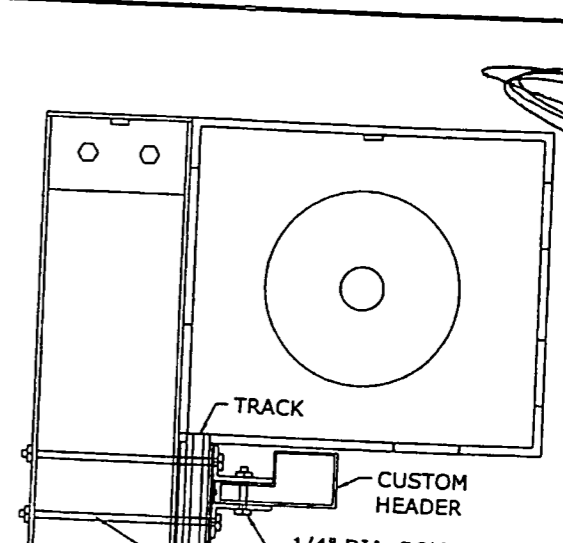
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STANDARD HEADER MOUNT TO WALL



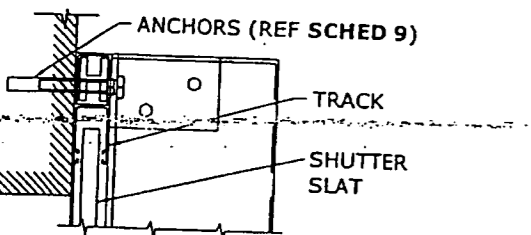
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CUSTOM HEADER MOUNT TO WALL



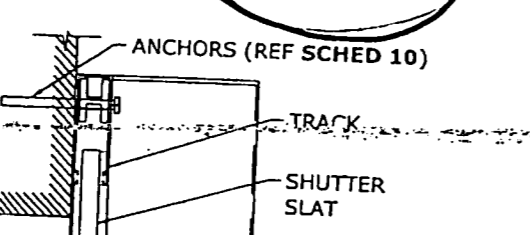
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9 N.T.S. VERT SECTION
STANDARD HEADER MOUNT TO MULLION



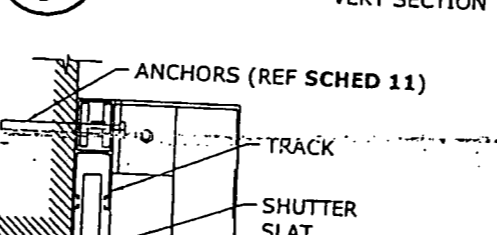
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9 N.T.S. VERT SECTION
CUSTOM HEADER MOUNT TO MULLION



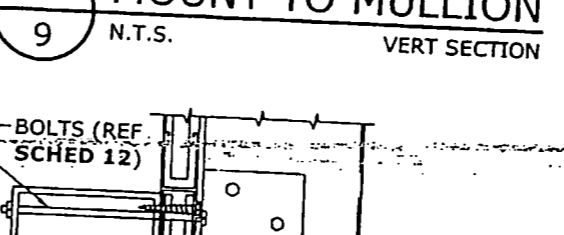
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9 N.T.S. HORIZ SECTION
STANDARD HEADER MOUNT TO WALL



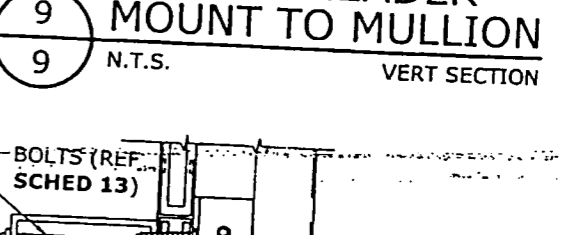
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9 N.T.S. HORIZ SECTION
STANDARD HEADER MOUNT TO WALL



6
9 N.T.S. HORIZ SECTION
CUSTOM HEADER MOUNT TO WALL



8
9 N.T.S. HORIZ SECTION
STANDARD HEADER MOUNT TO MULLION



10
9 N.T.S. HORIZ SECTION
CUSTOM HEADER MOUNT TO MULLION

9 STANDARD HEADER CONN TO WALL (ANGLE)

ANGLE LENGTH	NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
4"	2	A	CONCRETE	260 LB
		B	BLOCK	193 LB
		C	CONCRETE	260 LB
		D	BLOCK	260 LB
		E	WOOD	260 LB
		F	WOOD	260 LB
6"	3	A	CONCRETE	391 LB
		B	BLOCK	289 LB
		C	CONCRETE	391 LB
		D	BLOCK	391 LB
		E	WOOD	391 LB
		F	WOOD	391 LB
9"	4	A	CONCRETE	586 LB
		B	BLOCK	385 LB
		C	CONCRETE	586 LB
		D	BLOCK	550 LB
		E	WOOD	586 LB
		F	WOOD	586 LB
12"	5	A	CONCRETE	781 LB
		B	BLOCK	481 LB
		C	CONCRETE	781 LB
		D	BLOCK	585 LB
		E	WOOD	781 LB
		F	WOOD	781 LB

10 STD HEADER CONN TO WALL (DIRECT)

NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
1	A	CONCRETE	427 LB
	B	BLOCK	154 LB
	C	CONCRETE	526 LB
	D	BLOCK	220 LB
	E	WOOD	312 LB
	F	WOOD	390 LB
2	A	CONCRETE	842 LB
	B	BLOCK	308 LB
	C	CONCRETE	1052 LB
	D	BLOCK	440 LB
	E	WOOD	624 LB
	F	WOOD	780 LB
4	A	CONCRETE	1684 LB
	B	BLOCK	616 LB
	C	CONCRETE	2104 LB
	D	BLOCK	880 LB
	E	WOOD	1248 LB
	F	WOOD	1560 LB

11 CUSTOM HEADER CONN TO WALL

NUM OF ANCHORS	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
2	A	CONCRETE	842 LB
	B	BLOCK	308 LB
	C	CONCRETE	1052 LB
	D	BLOCK	440 LB
	E	WOOD	624 LB
	F	WOOD	780 LB
4	A	CONCRETE	1684 LB
	B	BLOCK	616 LB
	C	CONCRETE	2104 LB
	D	BLOCK	880 LB
	E	WOOD	1248 LB
	F	WOOD	1560 LB
6	A	CONCRETE	2526 LB
	B	BLOCK	924 LB
	C	CONCRETE	3156 LB
	D	BLOCK	1320 LB
	E	WOOD	1872 LB
	F	WOOD	2340 LB

NOTE: ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

12 STANDARD HEADER CONN TO MULLION

NUMBER OF FASTENERS	ANGLE LENGTH	CONNECTION CAPACITY
2	4"	260 LB
3	6"	391 LB
4	9"	586 LB
6	12"	781 LB

13 CUSTOM HEADER CONN TO MULLION

NUMBER OF BOLTS	CONNECTION CAPACITY
2	1496 LB
4	2993 LB
6	4489 LB
8	5985 LB

14a STANDARD HEADER BRACKET CONN

NUMBER OF SCREWS	CONNECTION CAPACITY
1	1232 LB
2	2464 LB
3	3695 LB
4	4928 LB

14b CUSTOM HEADER BRACKET CONN

NUMBER OF BOLTS	CONNECTION CAPACITY
1	467 LB
2	934 LB
3	1401 LB
4	1868 LB
5	2335 LB
6	2802 LB

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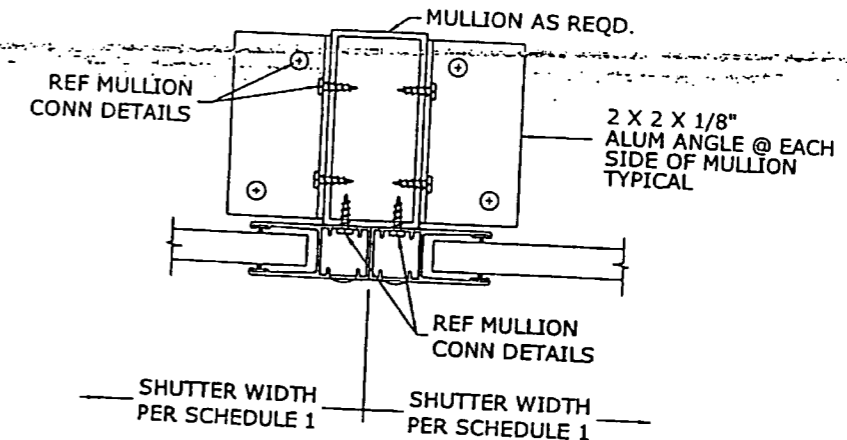
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15 MULLION SPAN SCHEDULE

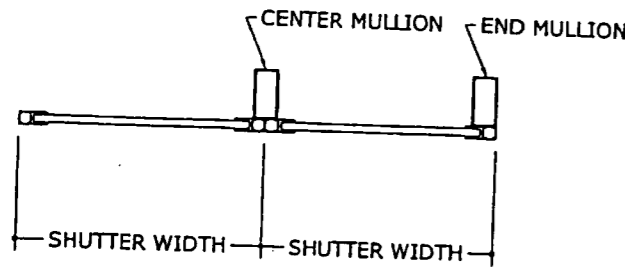
WIND LOAD (+/-)	2" x 3" x 1/8"				2" x 4" x 1/8"				2" x 4" x 1/8" + 3-5/8" STIFFENER				2" x 6" x 1/8"			
	TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS		TWO SPANS		THREE SPANS	
	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS	MULLION LENGTH	REACTION AT ENDS
20 psf	94.0"	352 lb	92.0"	367 lb	119.0"	445 lb	116.0"	465 lb	120.0"	447 lb	114.0"	453 lb	168.0"	626 lb	164.0"	653 lb
30 psf	82.0"	461 lb	80.0"	481 lb	104.0"	583 lb	102.0"	609 lb	120.0"	671 lb	114.0"	680 lb	146.0"	820 lb	143.0"	856 lb
40 psf	74.0"	558 lb	73.0"	583 lb	94.0"	706 lb	92.0"	738 lb	120.0"	894 lb	114.0"	906 lb	133.0"	993 lb	130.0"	1037 lb
45 psf	72.0"	604 lb	70.0"	630 lb	91.0"	764 lb	89.0"	798 lb	120.0"	1006 lb	114.0"	1020 lb	128.0"	1074 lb	125.0"	1122 lb
50 psf	69.0"	647 lb	68.0"	676 lb	88.0"	820 lb	86.0"	856 lb	120.0"	1118 lb	114.0"	1133 lb	123.0"	1153 lb	121.0"	1204 lb
55 psf	67.0"	690 lb	65.0"	720 lb	85.0"	873 lb	83.0"	912 lb	120.0"	1229 lb	114.0"	1246 lb	119.0"	1278 lb	117.0"	1283 lb
60 psf	65.0"	731 lb	64.0"	764 lb	82.0"	926 lb	81.0"	967 lb	120.0"	1341 lb	114.0"	1359 lb	116.0"	1392 lb	114.0"	1359 lb
65 psf	64.0"	759 lb	62.0"	792 lb	81.0"	960 lb	79.0"	1003 lb	120.0"	1417 lb	114.0"	1436 lb	114.0"	1350 lb	111.0"	1410 lb
70 psf	63.0"	784 lb	61.0"	819 lb	80.0"	992 lb	78.0"	1036 lb	120.0"	1489 lb	114.0"	1509 lb	112.0"	1395 lb	110.0"	1457 lb
75 psf	62.0"	798 lb	60.0"	846 lb	79.0"	1011 lb	77.0"	1070 lb	120.0"	1530 lb	114.0"	1585 lb	111.0"	1421 lb	107.0"	1500 lb
80 psf	61.0"	817 lb	60.0"	871 lb	78.0"	1034 lb	75.0"	1102 lb	120.0"	1584 lb	114.0"	1656 lb	110.0"	1454 lb	105.0"	1534 lb
85 psf	61.0"	833 lb	59.0"	896 lb	77.0"	1054 lb	74.0"	1134 lb	120.0"	1629 lb	114.0"	1727 lb	109.0"	1482 lb	103.0"	1568 lb
90 psf	60.0"	848 lb	58.0"	917 lb	76.0"	1074 lb	73.0"	1161 lb	120.0"	1675 lb	114.0"	1790 lb	107.0"	1503 lb	101.0"	1598 lb
95 psf	60.0"	864 lb	57.0"	939 lb	76.0"	1093 lb	73.0"	1189 lb	120.0"	1721 lb	114.0"	1854 lb	106.0"	1524 lb	100.0"	1627 lb
100 psf	59.0"	879 lb	57.0"	963 lb	75.0"	1113 lb	72.0"	1219 lb	120.0"	1767 lb	114.0"	1925 lb	104.0"	1545 lb	98.0"	1659 lb
105 psf	59.0"	894 lb	56.0"	984 lb	74.0"	1132 lb	71.0"	1246 lb	120.0"	1813 lb	114.0"	1989 lb	103.0"	1566 lb	96.0"	1686 lb
110 psf	58.0"	907 lb	55.0"	1005 lb	74.0"	1148 lb	70.0"	1268 lb	120.0"	1851 lb	114.0"	2052 lb	102.0"	1583 lb	95.0"	1714 lb
115 psf	58.0"	921 lb	55.0"	1025 lb	73.0"	1166 lb	69.0"	1287 lb	120.0"	1897 lb	114.0"	2115 lb	101.0"	1603 lb	93.0"	1741 lb
120 psf	57.0"	934 lb	54.0"	1041 lb	73.0"	1182 lb	68.0"	1302 lb	120.0"	1935 lb	114.0"	2163 lb	100.0"	1619 lb	92.0"	1761 lb
125 psf	57.0"	946 lb	54.0"	1051 lb	72.0"	1193 lb	67.0"	1321 lb	120.0"	1974 lb	114.0"	2228 lb	99.0"	1636 lb	91.0"	1788 lb
130 psf	57.0"	958 lb	53.0"	1082 lb	72.0"	1213 lb	66.0"	1340 lb	120.0"	2012 lb	114.0"	2293 lb	98.0"	1653 lb	90.0"	1815 lb
135 psf	56.0"	971 lb	53.0"	1095 lb	71.0"	1229 lb	66.0"	1353 lb	120.0"	2051 lb	114.0"	2336 lb	97.0"	1669 lb	89.0"	1832 lb
140 psf	56.0"	983 lb	52.0"	1107 lb	71.0"	1244 lb	65.0"	1365 lb	120.0"	2090 lb	114.0"	2379 lb	96.0"	1685 lb	88.0"	1850 lb
145 psf	56.0"	995 lb	52.0"	1117 lb	70.0"	1258 lb	64.0"	1378 lb	120.0"	2129 lb	114.0"	2423 lb	95.0"	1701 lb	87.0"	1867 lb
150 psf	55.0"	1007 lb	52.0"	1127 lb	70.0"	1270 lb	64.0"	1390 lb	120.0"	2167 lb	114.0"	2466 lb	95.0"	1717 lb	87.0"	1884 lb
155 psf	55.0"	1016 lb	51.0"	1137 lb	69.0"	1278 lb	63.0"	1402 lb	120.0"	2196 lb	114.0"	2509 lb	94.0"	1729 lb	86.0"	1901 lb
160 psf	55.0"	1028 lb	51.0"	1146 lb	69.0"	1290 lb	63.0"	1414 lb	120.0"	2235 lb	114.0"	2553 lb	93.0"	1744 lb	85.0"	1918 lb
165 psf	54.0"	1038 lb	51.0"	1150 lb	68.0"	1299 lb	62.0"	1419 lb	120.0"	2235 lb	114.0"	2553 lb	93.0"	1744 lb	85.0"	1918 lb
170 psf	54.0"	1049 lb	50.0"	1159 lb	68.0"	1309 lb	62.0"	1430 lb	120.0"	2337 lb	114.0"	2610 lb	92.0"	1772 lb	84.0"	1940 lb
175 psf	54.0"	1059 lb	50.0"	1168 lb	67.0"	1319 lb	62.0"	1440 lb	120.0"	2371 lb	114.0"	2649 lb	91.0"	1785 lb	84.0"	1955 lb
180 psf	54.0"	1069 lb	49.0"	1185 lb	67.0"	1328 lb	61.0"	1461 lb	120.0"	2405 lb	114.0"	2726 lb	91.0"	1798 lb	83.0"	1984 lb
185 psf	53.0"	1079 lb	49.0"	1198 lb	66.0"	1338 lb	60.0"	1478 lb	120.0"	2439 lb	114.0"	2790 lb	90.0"	1812 lb	82.0"	2008 lb
190 psf	53.0"	1089 lb	48.0"	1215 lb	66.0"	1347 lb	59.0"	1499 lb	120.0"	2474 lb	114.0"	2867 lb	89.0"	1825 lb	81.0"	2036 lb
195 psf	53.0"	1100 lb	47.0"	1231 lb	65.0"	1357 lb	58.0"	1519 lb	120.0"	2508 lb	114.0"	2945 lb	89.0"	1838 lb	79.0"	2064 lb
200 psf	53.0"	1107 lb	47.0"	1247 lb	65.0"	1366 lb	58.0"	1538 lb	120.0"	2543 lb	114.0"	3022 lb	88.0"	1851 lb	78.0"	2092 lb

MULLION SPAN SCHEDULE NOTES

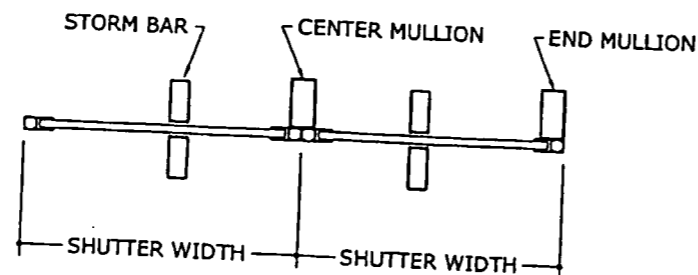
- SPANS SHOWN IN "MULLION SPAN SCHEDULE" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE FOR TWO- OR THREE-SPAN CONDITIONS.
- "REACTION AT ENDS" IS LISTED FOR EACH COMBINATION OF DESIGN LOAD, MULLION TYPE, & SPAN CONDITION. CHOOSE NUMBER OF ANCHORS FOR DESIRED MOUNTING CONNECTION (PER APPROPRIATE SCHEDULES 16 THRU 18) THAT PROVIDES "CONNECTION CAPACITY" GREATER THAN OR EQUAL TO "REACTION AT ENDS" GIVEN ABOVE.
- ALLOWABLE SPANS PROVIDED ABOVE MAY BE USED WITH ANY SLAT SPAN PER SCHEDULE 1 AND ANY STORM BAR SPAN PER SCHEDULE 3.
- THIS SCHEDULE MAY BE USED FOR ALL MULLION MOUNTING CONDITIONS LISTED HEREIN.



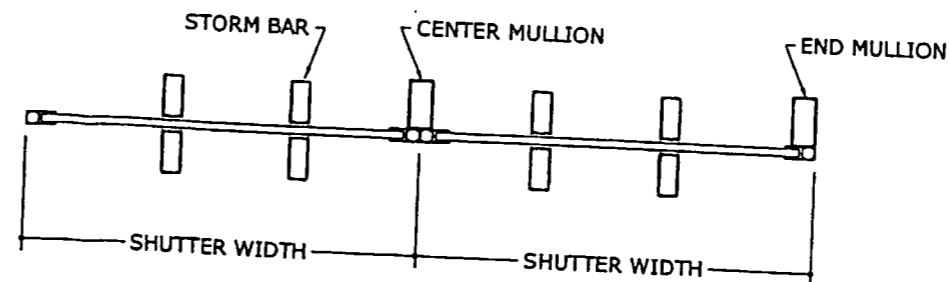
1 TYPICAL MULLION LAYOUT
10 N.T.S. PLAN VIEW



SINGLE SPAN



TWO SPANS



THREE SPANS

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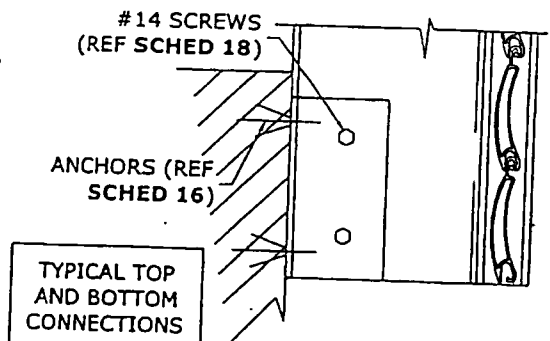
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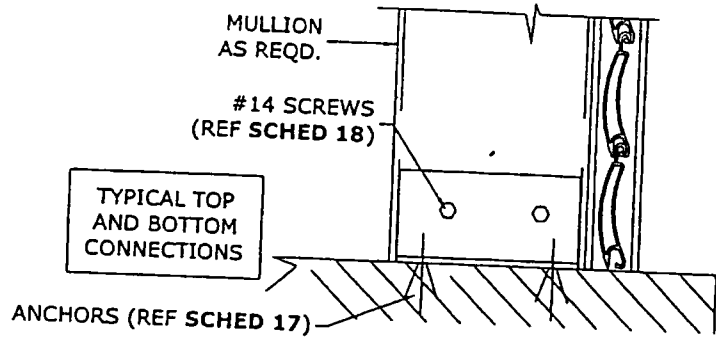
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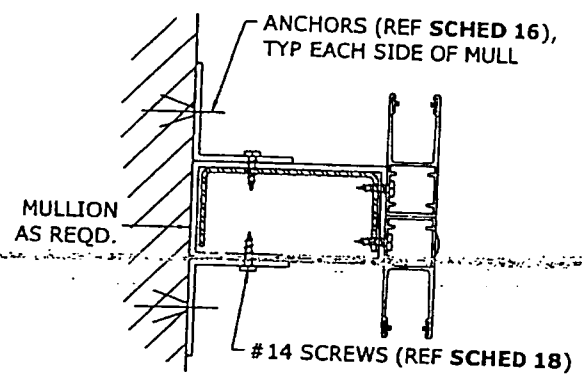
MULLION CONNECTION DETAILS



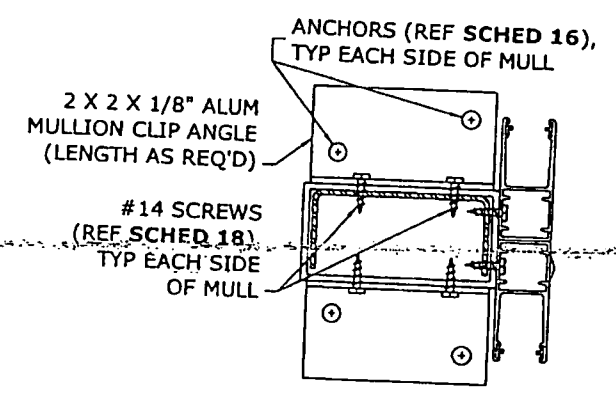
1 WALL FACE MULLION CONN
11 N.T.S. VERT SECTION



3 TRAPPED MULLION CONN
11 N.T.S. VERT SECTION



2 WALL FACE MULLION CONN
11 N.T.S. HORIZ SECTION



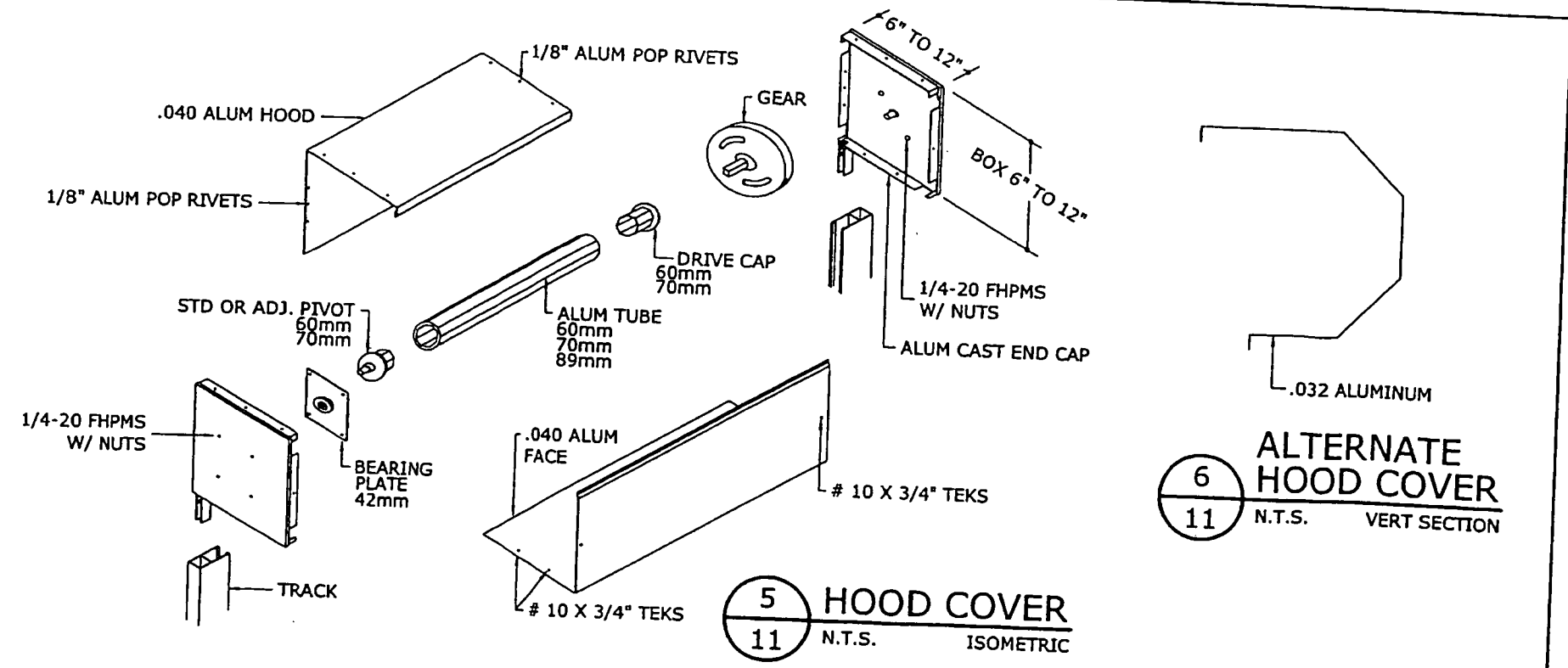
4 TRAPPED MULLION CONN
11 N.T.S. HORIZ SECTION

16 WALL FACE MULLION CONN

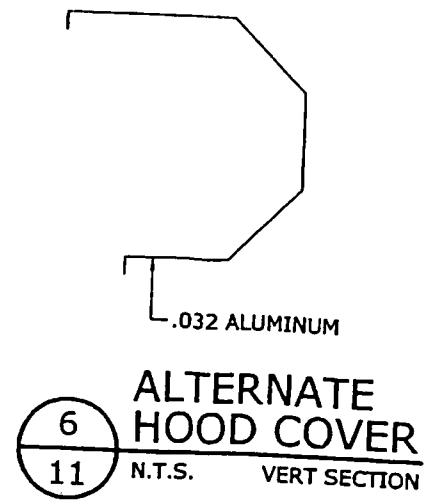
CLIP ANGLE LENGTH	ANCHORS PER SIDE	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY (LB)
6"	4	A	CONCRETE	586 LB
		B	BLOCK	308 LB
		C	CONCRETE	586 LB
		D	BLOCK	586 LB
		E	WOOD	586 LB
		F	WOOD	586 LB
9"	6	A	CONCRETE	879 LB
		B	BLOCK	462 LB
		C	CONCRETE	879 LB
		D	BLOCK	879 LB
		E	WOOD	879 LB
		F	WOOD	879 LB
12"	8	A	CONCRETE	1172 LB
		B	BLOCK	616 LB
		C	CONCRETE	1172 LB
		D	BLOCK	890 LB
		E	WOOD	1172 LB
		F	WOOD	1172 LB
15"	10	A	CONCRETE	1465 LB
		B	BLOCK	770 LB
		C	CONCRETE	1465 LB
		D	BLOCK	1100 LB
		E	WOOD	1465 LB
		F	WOOD	1465 LB

17 TRAPPED MULLION CONN

ANCHORS PER SIDE	ANCHOR TYPE	BASE MATERIAL	CONNECTION CAPACITY
1	A	CONCRETE	874 LB
	B	BLOCK	530 LB
	C	CONCRETE	882 LB
	D	BLOCK	670 LB
	E	WOOD	302 LB
	F	WOOD	214 LB
2	A	CONCRETE	1748 LB
	B	BLOCK	1060 LB
	C	CONCRETE	1764 LB
	D	BLOCK	1340 LB
	E	WOOD	604 LB
	F	WOOD	428 LB
3	A	CONCRETE	2622 LB
	B	BLOCK	1589 LB
	C	CONCRETE	2642 LB
	D	BLOCK	2007 LB
	E	WOOD	905 LB
	F	WOOD	639 LB
4	A	CONCRETE	3492 LB
	B	BLOCK	2118 LB
	C	CONCRETE	3522 LB
	D	BLOCK	2676 LB
	E	WOOD	1206 LB
	F	WOOD	852 LB



5 HOOD COVER
11 N.T.S. ISOMETRIC



6 ALTERNATE HOOD COVER
11 N.T.S. VERT SECTION

18 MULLION BRACKET CONNECTION

CLIP ANGLE LENGTH	SCREWS PER LEG	SCREW SPACING	CONNECTION CAPACITY
2"	2	1 1/2"	1230 LB
	3	3/4"	1476 LB
3"	2	2"	1406 LB
	3	2"	1736 LB
	4	3/4"	2236 LB
4"	2	3"	1640 LB
	3	1 1/2"	2108 LB
	4	1"	2588 LB
	5	3/4"	3074 LB
5"	2	4"	1789 LB
	3	2"	2361 LB
	4	1 1/4"	2860 LB
5	1"	3514 LB	

NOTE:
ANCHOR TYPES SPECIFIED IN ALL "CONNECTION" SCHEDULES FOLLOW DESIGNATIONS PROVIDED IN SCHEDULE 2 (TRACK MOUNT ANCHOR SCHEDULE)

FRANK L. BENNARDO, P.E.
PE0046549

03/06/2006
VALID FOR (1) JOB ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

FRANK L. BENNARDO, P.E., INC.
CONSULTING ENGINEERS
4441 N. DIXIE HIGHWAY
BOCA RATON, FL 33431
PH: (561) 391-2888 FAX: (561) 391-2862
CERTIFICATE OF AUTHORIZATION: 99885

FOLDING SHUTTER CORP
7089 HEMSTREET PLACE
WEST PALM BEACH, FL 33413
www.foldingshutters.com
"TITAN" H.D. EXTRUDED ALUMINUM
ROLL-UP SHUTTER
FLORIDA STATE PRODUCT APPROVAL

REMARKS	DATE	DRWN	CHKD	DATE
INT ISSUE	3/2/06			

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05-FSC-0001
SCALE: 1/8" = 1'-0"
PAGE DESCRIPTION: 01

F:\01 Project Files\Folding Shutter Corp (FSC)\2005 Jobs\05-FSC-0001 Roll-Up Shutter (FSA)\05-FSC-0001_00c Roll-Up Shutter (FSA).dwg

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

GESSER

WORK ORDER NO. 05082007034 N06 01

SHEET OF

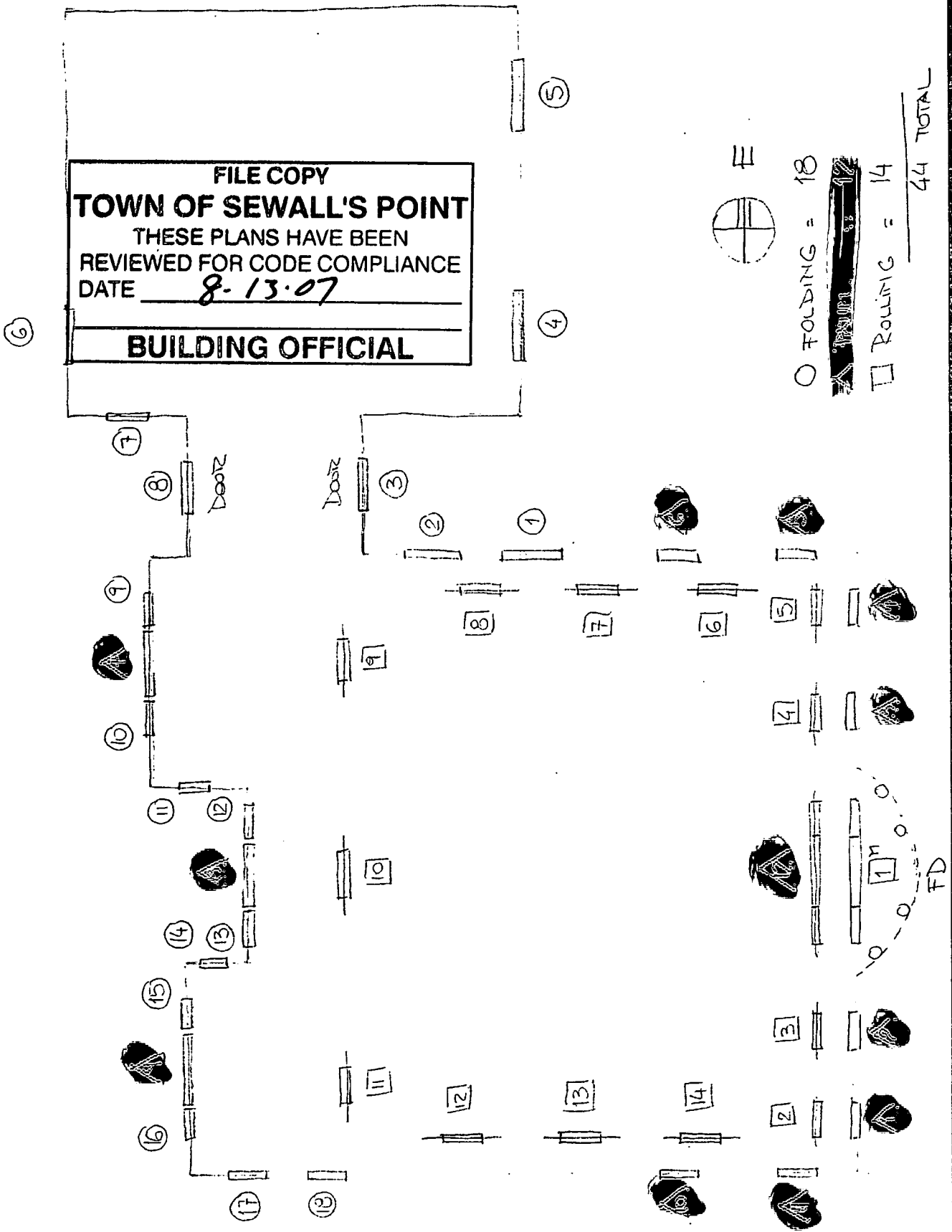
BY: AP 1034

DATE: 06/11/07

FILE COPY
TOWN OF SEWALL'S POINT
 THESE PLANS HAVE BEEN
 REVIEWED FOR CODE COMPLIANCE
 DATE 8-13-07
BUILDING OFFICIAL

FOLDING = 18
 ROLLING = 14
44 TOTAL

EXA "C"
 25' x 10' ZONE 5



FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

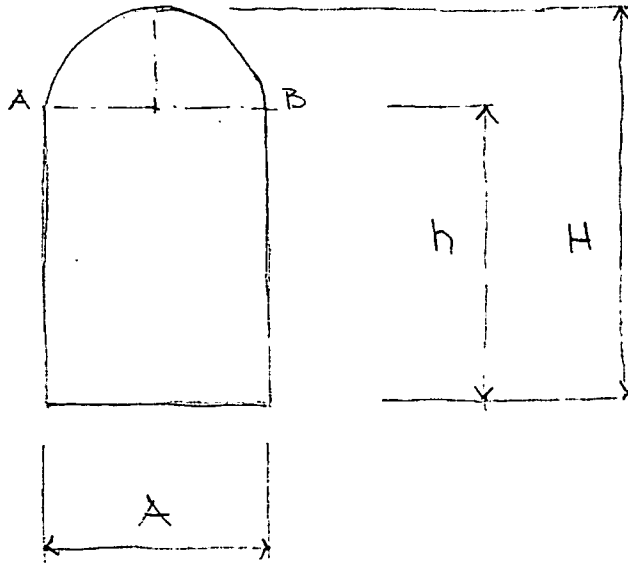
GESSER

WORK ORDER NO. 05082007034 No701

SHEET OF

BY: ~~AP~~ 1034

DATE: 06/11/07



PANEL TYPICAL
 MEASURED AGAINST THE WINDOW
 INSIDE THE SILL.
 TRAPPED INSTALLATION.
 ALL CONCRETE

	A	h	H	A∩B	Recess
△ △ △	36 3/4	52 1/4"	73"	63"	4"
△	"	52"	72 3/4"	"	"
△ △	"	52 1/2"	73 1/4"	"	"
△	36 1/2"	52 1/4"	73 1/4"	"	"
△	36 1/2	52 1/2	72 3/4	"	"
△	72 1/4	81 1/2	117 3/4	113 1/2	"
△	73	81 3/8	118	"	"
△	72 1/4	81 1/4	117 3/4	113 1/2	"

→ DOOR OPEN OUT, HANDLE 2" FROM WALL PROJECTION

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

GESSER

WORK ORDER NO. 05082007034 No7 01

SHEET OF

BY: AP 1034

DATE: 06/11/07

12

MEASURED AGAINST THE WINDOW TRAPPED INSTALLATION

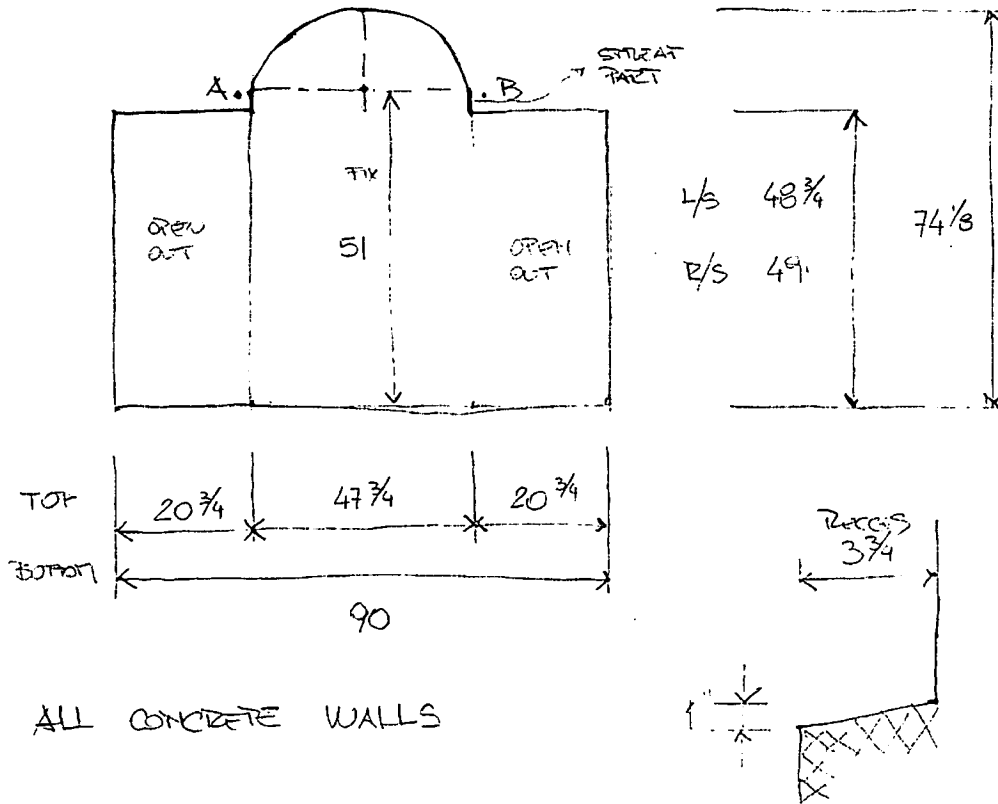


TABLE 3.41
WIND LOADS FOR WALL COMPONENTS & CLADDING
PER ASCE 7-02
***(ROOF HEIGHTS LESS THAN 90 FT.)**

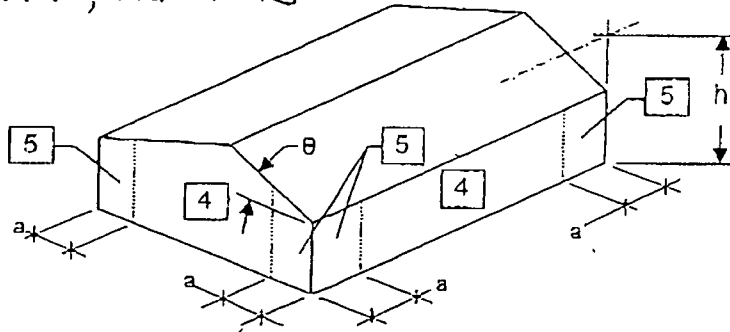
3- SECOND GUST WIND SPEED: 140 MPH
 TRIBUTARY AREA: 10 SQ. FT. OR LESS
 IMPORTANCE FACTOR (I^w): 1.00

MEAN ROOF HEIGHT (FT.)	EXPOSURE "B"						EXPOSURE "C"					
	ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°			ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°		
	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5
"H"	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)
15	35.2	38.2	47.2	32.2	34.9	43.0	42.8	48.4	57.3	39.2	42.4	52.2
20	35.2	38.2	47.2	32.2	34.9	43.0	45.3	49.1	59.6	41.5	44.9	55.3
25	35.2	38.2	47.2	32.2	34.9	43.0	47.3	51.3	63.3	43.3	46.9	57.7
30	35.2	38.2	47.2	32.2	34.9	43.0	49.3	53.5	66.0	45.1	48.9	60.2
35	38.7	39.9	49.2	33.6	36.4	44.8	50.8	55.1	68.1	46.5	50.4	62.0
40	38.2	41.5	51.2	35.0	37.9	46.7	52.3	56.8	70.1	47.9	51.9	63.9
45	39.5	42.9	52.9	36.2	39.2	48.2	53.6	58.1	71.8	49.1	53.1	65.4
50	40.8	44.2	54.6	37.3	40.4	49.7	54.9	59.5	73.5	50.2	54.4	66.9
55	41.8	45.3	55.9	38.2	41.4	51.0	55.9	60.6	74.8	51.1	55.4	68.2
60	42.8	46.4	57.3	39.2	42.4	52.2	56.9	61.7	76.1	52.0	56.4	69.4
* 65	43.8	47.5	58.6	40.1	43.4	53.4	57.9	62.8	77.5	53.0	57.4	70.6
* 70	44.8	48.8	60.0	41.0	44.4	54.7	58.9	63.9	78.8	53.9	58.4	71.9
* 75	45.8	49.7	61.3	41.9	45.4	55.9	59.9	65.0	80.2	54.8	59.4	73.1
* 80	46.8	50.8	62.7	42.8	46.4	57.1	60.9	66.1	81.5	55.7	60.4	74.3
* 85	47.6	51.6	63.7	43.5	47.2	58.0	61.6	66.9	82.5	56.4	61.1	75.2
* 89	48.0	52.1	64.3	43.9	47.6	58.5	62.1	67.4	83.2	56.8	61.6	75.8

NOTE: ALL DESIGN LOADS ARE IN POUNDS PER SQUARE FOOT (PSF)

GESSER
 36 S. RIVER RD
 SEWALL'S POINT, FL. 34996

○ FOLDING ♀
 △ PANEL SHUTTERS



NOTES:

1. PLUS & MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD & AWAY FROM SURFACES RESPECTFULLY.
2. a = 10% OF LEAST HORIZONTAL DIMENSION OR 0.4H, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT.
3. LOADS, POSITIVE & NEGATIVE, ARE TAKEN AT MEAN ROOF HEIGHT (h) & APPLY TO ALL FLOORS.
4. LOADS BETWEEN ELEVATIONS SHOWN IN TABLE MAY BE INTERPOLATED.
5. AT MEAN ROOF HEIGHT (h), 60 ft. < h < 90 ft., PRESSURES HAVE BEEN DETERMINED USING THE SAME METHOD AS FOR 60 ft. & LESS PER ASCE 7-02 SECTION 6.5.12.4.3. THESE PRESSURES ARE ONLY APPLICABLE IF THE HEIGHT TO WIDTH RATIO IS 1 OR LESS (IF THE HEIGHT IS NO MORE THAN 1 TIMES THE MINIMUM BUILDING WIDTH).
6. TABLE VALUES DO NOT CONSIDER EFFECTS FROM TOPOGRAPHIC CONDITIONS & FACTOR K_{zt} IS TAKEN AS 1.0 (FLAT GRADE). IF TOPOGRAPHIC CONDITIONS ARE NOT FLAT, THE VALUES IN THIS TABLE MUST BE MULTIPLIED BY THE PROPER K_{zt} FACTOR IN ACCORDANCE WITH ASCE 7-02 SECTION 6.5.7.
7. ALL VALUES IN THIS TABLE CONSIDER A WIND DIRECTIONALITY FACTOR (K_d) OF 0.85 PER ASCE 7-02 TABLE 6-4.

CA #6809
 W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8895 N. MILITARY TRAIL, SUITE C204
 PALM BEACH GARDENS, FL 33410

JUL 24 2007

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3.17

WARREN W. SCHAEFER, P.E.
 STRUCTURAL ENGINEER
 FLORIDA REG. #PE0044135

AF

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

GESSER

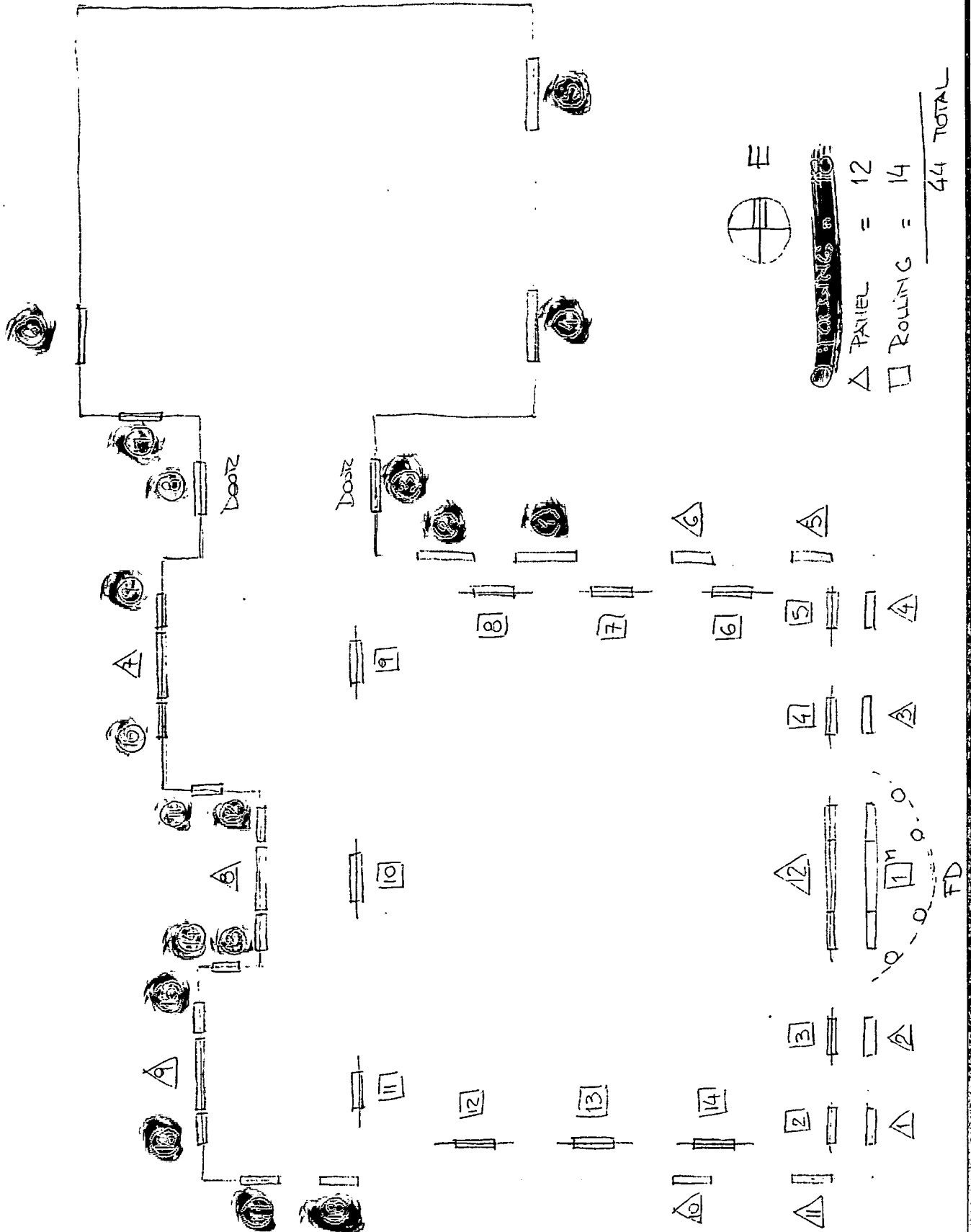
WORK ORDER NO. 05082007034 N06 01



SHEET OF

BY: AP 1034

DATE: 06/11/07

EX74 "C"
25' x 10" ZONE 5



 =
 =
 Δ PANEL = 12
 □ ROLLING = 14

 44 TOTAL

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

GESSER

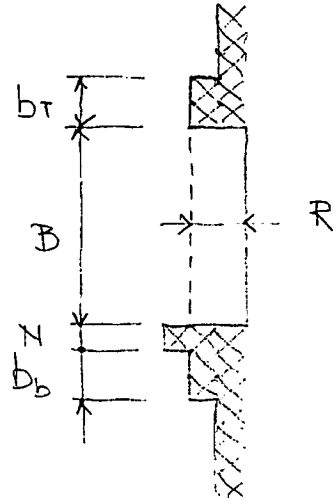
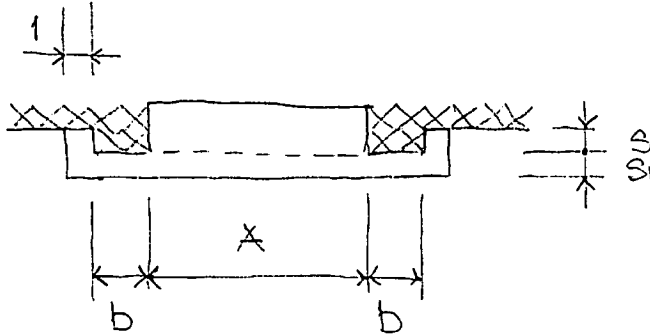
WORK ORDER NO. 05082007034 N03 01

SHEET OF

BY: AP 1034

DATE: 06/11/07

FOLDING → ON BAND INSTALLATION



	A	B	b	bt	bb	N	R	S	S1		
①	37 1/4	40 1/2	6 1/4	6 1/4	4 1/2	1/4	4 1/4	3/4"	3/4"		
②	37	40 1/4	"	"	"	"	"	"	"		
④	37 3/4	48 1/4	6	"	4 1/4	1/4	4 1/4	"	"		
⑤	"	48 1/2	6	6 1/2	"	"	"	"	"		
⑥	51	37	6	6	3 3/4	1/4	"	3/4"	1"		
⑦	37 1/4	48	6 1/4	6 1/2	4 1/4	1/4	"	"	3/4"		
⑨	23 3/4	71 3/4	6 1/4	6 1/4	6 1/4	1/4	4 1/4	3/4"	1 1/4	R/S BAND	9 3/4
⑩	24	72	6 1/4	"	"	"	"	"	"	LS BAND	9 1/2
⑪	24	71 3/4	"	"	"	"	"	"	"	LIGHT OK	
⑫	24	71 3/4	6 1/4	6	"	"	"	"	"	R/S BAND	9 1/2
⑬	"	72	6	6	6 1/2	"	"	"	"	LS BAND	10
⑭	"	72	6 1/4	6 1/4	6 1/4	"	"	"	"		
⑮	"	"	6 1/2	"	"	"	"	"	"	R/S BAND	10 1/4
⑯	24 1/4	"	6	6	6 1/4	"	"	"	"	LS BAND	10
⑰	37 3/4	52 1/4	6	5 3/4	4 1/2	1/4	"	"	3/4"		
⑱	37 1/4	52	6 1/4	6	4 1/2	1/4	"	"	"		

FOLDING SHUTTER CORP. ENGINEERING LAYOUT SHEET

CUSTOMER NAME

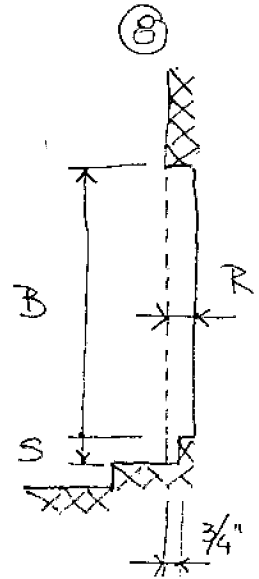
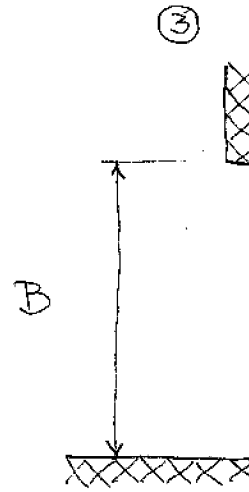
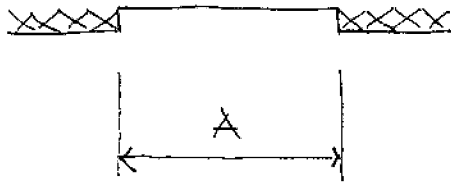
GESSER

WORK ORDER NO. 05082007034 No 3.01

SHEET OF

BY: *AD* 1034

DATE: 06/11/07



	A	B	R	S	1/8	R/8	TOP
③	33 1/2	81	4 1/2	1 1/4	16 3/4	18 3/4	8
⑧	34	81 1/4	4 1/4	1 1/8 3-3/2	19	16	8

DOORS OPEN OUT, KNOB UNDER WALL PROJECTION

#8 ELECTRIC OUTLET IS 10 1/2 FROM WALL (SEE PICTURE - RIGHT SIDE)

TABLE 3.41
WIND LOADS FOR WALL COMPONENTS & CLADDING
PER ASCE 7-02
***(ROOF HEIGHTS LESS THAN 90 FT.)**

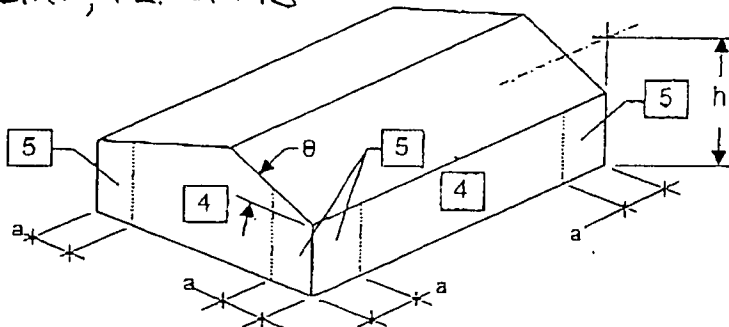
3- SECOND GUST WIND SPEED: 140 MPH
 TRIBUTARY AREA: 10 SQ. FT. OR LESS
 IMPORTANCE FACTOR (I_w): 1.00

MEAN ROOF HEIGHT (FT.)	EXPOSURE "B"						EXPOSURE "C"					
	ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°			ROOF SLOPE ≥ 10°			ROOF SLOPE < 10°		
	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5	ZONE 4 & 5	ZONE 4	ZONE 5
"H"	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)	(+)	(-)	(-)
15	35.2	38.2	47.2	32.2	34.9	43.0	42.8	48.4	57.3	39.2	42.4	52.2
20	35.2	38.2	47.2	32.2	34.9	43.0	45.3	49.1	59.6	41.5	44.9	55.3
25	35.2	38.2	47.2	32.2	34.9	43.0	47.3	51.3	63.3	43.3	46.9	57.7
30	35.2	38.2	47.2	32.2	34.9	43.0	49.3	53.5	66.0	45.1	48.9	60.2
35	36.7	39.9	49.2	33.6	36.4	44.8	50.8	55.1	68.1	46.5	50.4	62.0
40	38.2	41.5	51.2	35.0	37.9	46.7	52.3	56.8	70.1	47.9	51.9	63.9
45	39.5	42.9	52.9	36.2	39.2	48.2	53.8	58.1	71.8	49.1	53.1	65.4
50	40.8	44.2	54.6	37.3	40.4	49.7	54.9	59.5	73.5	50.2	54.4	66.9
55	41.8	45.3	55.9	38.2	41.4	51.0	55.9	60.6	74.8	51.1	55.4	68.2
60	42.8	46.4	57.3	39.2	42.4	52.2	56.9	61.7	76.1	52.0	56.4	69.4
* 65	43.8	47.5	58.6	40.1	43.4	53.4	57.9	62.8	77.5	53.0	57.4	70.6
* 70	44.8	48.8	60.0	41.0	44.4	54.7	58.9	63.9	78.8	53.9	58.4	71.9
* 75	45.8	49.7	61.3	41.9	45.4	55.9	59.9	65.0	80.2	54.8	59.4	73.1
* 80	46.8	50.8	62.7	42.8	46.4	57.1	60.9	66.1	81.5	55.7	60.4	74.3
* 85	47.8	51.6	63.7	43.5	47.2	58.0	61.6	66.9	82.5	56.4	61.1	75.2
** 89	48.0	52.1	64.3	43.9	47.6	58.6	62.1	67.4	83.2	56.8	61.6	75.8

NOTE: ALL DESIGN LOADS ARE IN POUNDS PER SQUARE FOOT (PSF)

GESSER
 36 S. RIVER RD
 SEWALL'S POINT, FL. 34996

○ FOLDING ♀
 △ PANEL SHUTTERS



NOTES:

1. PLUS & MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD & AWAY FROM SURFACES RESPECTFULLY.
2. a = 10% OF LEAST HORIZONTAL DIMENSION OR 0.4H, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT.
3. LOADS, POSITIVE & NEGATIVE, ARE TAKEN AT MEAN ROOF HEIGHT (h) & APPLY TO ALL FLOORS.
4. LOADS BETWEEN ELEVATIONS SHOWN IN TABLE MAY BE INTERPOLATED.
5. AT MEAN ROOF HEIGHT (h), 60 ft. < h < 90 ft., PRESSURES HAVE BEEN DETERMINED USING THE SAME METHOD AS FOR 60 ft. & LESS PER ASCE 7-02 SECTION 6.5.12.4.3. THESE PRESSURES ARE ONLY APPLICABLE IF THE HEIGHT TO WIDTH RATIO IS 1 OR LESS (IF THE HEIGHT IS NO MORE THAN 1 TIMES THE MINIMUM BUILDING WIDTH).
6. TABLE VALUES DO NOT CONSIDER EFFECTS FROM TOPOGRAPHIC CONDITIONS & FACTOR K_{zt} IS TAKEN AS 1.0 (FLAT GRADE). IF TOPOGRAPHIC CONDITIONS ARE NOT FLAT, THE VALUES IN THIS TABLE MUST BE MULTIPLIED BY THE PROPER K_{zt} FACTOR IN ACCORDANCE WITH ASCE 7-02 SECTION 6.5.7.
7. ALL VALUES IN THIS TABLE CONSIDER A WIND DIRECTIONALITY FACTOR (K_d) OF 0.85 PER ASCE 7-02 TABLE 6-4.

CA #6809
 W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8895 N. MILITARY TRAIL, SUITE C204
 PALM BEACH GARDENS, FL 33410

JUL 24 2007

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3.17

WARREN W. SCHAEFER, P.E.
 STRUCTURAL ENGINEER
 FLORIDA REG. #PE0044135

AP

Folding Shutter Corporation Inspection Sheet

Customer Name: GESSER

Work Order: 05082007034 N0301

Unit	Design Load	Opening	Width	Height	Shutter Span	Top Anchor	Chart	Spacing	Sect	Page	Bottom Anchor	Chart	Spacing	Sect	Page
1	63.3	37 x 40½	49	49½	46½	A	8	24	A-A	2	A	4	9	C-C	2
2	63.3	37 x 40½	49	49½	46½	A	8	24	A-A	2	A	4	9	C-C	2
3	63.3	34 x 81¼	46	86¼	83	A	8	24	A-A	2	D	7	12	B-B	2
4	63.3	37¼ x 48½	49½	57½	54¼	A	8	24	A-A	2	A	4	9	C-C	2
5	63.3	37¼ x 48½	49½	57½	54¼	A	8	24	A-A	2	A	4	9	C-C	2
6	63.3	51 x 37	63	46	42¼	A	8	24	A-A	2	A	4	9	C-C	2
7	63.3	37 x 48	49	57	53¼	A	8	24	A-A	2	A	4	9	C-C	2
8	63.3	34 x 81¼	46	86¼	83	A	8	24	A-A	2	D	7	12	B-B	2

Customer Name GESSER

Work Order 05082007034 N0301

Unit	Design Load	Opening	Width	Height	Shutter Span	Top			Bottom			Page			
						Anchor	Chart	Spacing	Anchor	Chart	Spacing				
9	63.3	24 x 72	34½	82	78%	A	8	24	A-A	2	A	7	12	A-A	2
10	63.3	24 x 72	34½	82	78%	A	8	24	A-A	2	A	7	12	A-A	2
11	63.3	24 x 72	34½	82	78%	A	8	24	A-A	2	A	7	12	A-A	2
12	63.3	24 x 72	34½	82	78%	A	8	24	A-A	2	A	7	12	A-A	2
13	63.3	24 x 72	34½	82	78%	A	8	24	A-A	2	A	7	12	A-A	2
14	63.3	24 x 72	34½	82	78%	A	8	24	A-A	2	A	7	12	A-A	2
15	63.3	24 x 72	34½	81	77%	A	8	24	A-A	2	A	4	6	C-C	2
16	63.3	24 x 72	34½	81	77%	A	8	24	A-A	2	A	4	6	C-C	2
17	63.3	37¼ x 52¼	49½	61¼	58	A	8	24	A-A	2	A	4	6	C-C	2

Customer Name GESSER

Work Order 05082007034.N0301

Unit	Design Load	Opening	Width	Height	Shutter Span	Top Anchor	Chart	Spacing	Sect	Page	Bottom Anchor	Chart	Spacing	Sect	Page
18'	63.3	37 1/4 x 52 1/4	49 1/4	61 1/4	58	A	8	24	A-A	2	A	4	6	C-C	2



NON-HVHZ

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
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Folding Shutter Corporation
7089 Hemstreet Place
West Palm Beach, Florida 33413

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 only in the NON-High Velocity Hurricane Zone (NON-HVHZ) 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 NON-HVHZ of the Florida Building Code.

DESCRIPTION: "Titan II" Aluminium Accordion Shutter

APPROVAL DOCUMENT: Drawing No. 1475, titled "Titan II NON-HVHZ Folding Shutter", sheets 1 through 5 of 5, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated April 04, 2006, signed and sealed by W. W. Schaefer, P.E. on April 04, 2006 bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by 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 the following statement: "NON-HVHZ 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 NON-HVHZ 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, evidence submitted pages E-1 through E-4 as well as a approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E.

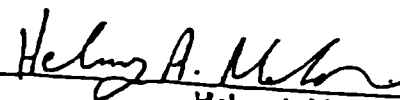


NOA No 06-0407.07
Expiration Date: 04/09/2011
Approval Date: 05/18/2006
Page 1

Folding Shutter Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 94-0916.10
 - A. TESTS:
 1. Test report on Uniform Static Air Pressure Test of Accordion Shutter, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-191, dated 07/15/94, signed and sealed by Arshad Vigar, P.E.
 2. Test report on Large Missile Impact Test and Cyclic Wind Pressure Test of accordion shutter, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-195, dated 07/16/94, signed and sealed by Arshad Vigar, P.E.
 - B. DRAWINGS:
 1. Drawing No. 94-63 "Accordion Shutter Details", sheets 1 and 2 of 2, prepared by Al-Farooq Corporation, dated 08/25/94, revised on 10/05/94, signed and sealed by Humayoun Farooq, P.E.
 - C. MATERIAL CERTIFICATION:
 1. Mill Certified Test Report issued by William L. Bonnell Co., Inc. dated 09/13/94 with chemical composition and mechanical properties for aluminum alloy 6063-T6.
 2. Tensile Test Report No. HETI-94-T20, prepared by Hurricane Engineering & Testing Inc. dated 09/15/94
 - D. CALCULATIONS:
 1. Anchor analysis dated 10/06/94, Pages 1 thru 10 of 10, prepared by Al-Farooq Corp., signed and sealed by Humayoun Farooq, P.E.
2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 96-1112.02
 - A. DRAWINGS:
 1. Drawing prepared by Al-Farooq Corporation titled "Titan II Folding Shutter", Drawing No. 94-63, dated 08/25/94, revision E dated 03/19/98, sheets 1 through 5 of 5, signed and sealed by Humayoun Farooq, P.E.
 - B. TESTS:
 1. Test report on Uniform Static Air Pressure Test of accordion shutter, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-96-542, dated 04/17/96, signed and sealed by Hector M. Medina, P.E.
 2. Test report on Large Missile Impact Test and Cyclic Wind Pressure Test of accordion shutter, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-96-541, dated 04/03/96, signed and sealed by Hector M. Medina, P.E.



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 06-0407.07
Expiration Date: 04/09/2011
Approval Date: 05/18/2006

Folding Shutter Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of accordion shutter, prepared by Hurricane Test Laboratory, Inc., Report No. 0143-0806-97, dated 08/08/97, signed and sealed by Timothy S. Marshall, P.E.*

C. CALCULATIONS:

1. *Anchor analysis dated 09/30/96, prepared by Al-Farooq Corp., signed and sealed by Humayoun Farooq, P.E.*
2. *Anchor analysis dated 12/22/97, prepared by Al-Farooq Corp., signed and sealed by Humayoun Farooq, P.E.*
3. *Anchor analysis dated 03/19/98, prepared by Al-Farooq Corp., signed and sealed by Humayoun Farooq, P.E.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0118.03

A. DRAWINGS:

1. *None.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. MATERIAL CERTIFICATION:

1. *None.*

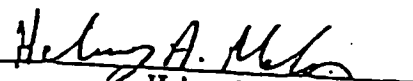
4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-1224.03

A. DRAWINGS

1. *Drawing No. 1173, titled "Titan II Folding Shutter", sheets 1 through 5 of 5, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated October 03, 2002, signed and sealed by Warren W. Schaefer, P.E. on June 05, 2003.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of accordion shutter, prepared by Hurricane Test Laboratory, Inc., Report No. 0143-0408-02, dated 11/12/02, signed and sealed by Vinu J. Abraham, P.E.*


Helmy A. Makar, P. E.

Product Control Examiner
NOA No 06-0407.07

Expiration Date: 04/09/2011

Approval Date: 05/18/2006

Folding Shutter Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor analysis, 12 Pages, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated October 15, 2002, signed and sealed by Warren W. Schaefer, P.E.

D. MATERIAL CERTIFICATIONS

1. Tensile Test Report No. 2KM-1334, prepared by QC Metallurgical, Inc., dated December 06, 2002.

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 04-1103.01

A. DRAWINGS

1. Drawing No. 1173, titled "Titan II Folding Shutter", sheets 1 through 5 of 5, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated October 03, 2002, last revision A, signed and sealed by Warren W. Schaefer, P.E. on October 28, 2004.

B. TESTS

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of accordion shutter, prepared by Hurricane Test Laboratory, Inc., Report No. 0143-0408-02, dated 05/07/04, signed and sealed by Vinu J. Abraham, P.E.

C. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

D. CALCULATIONS

1. None.

E. MATERIAL CERTIFICATIONS

1. Tensile Test Report No. 2KM-1334, prepared by QC Metallurgical, Inc., dated December 06, 2002.

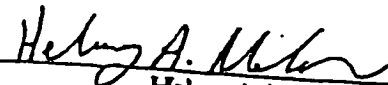
6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0119.01

A. DRAWINGS

1. Drawing No. 1173, titled "Titan II Folding Shutter", sheets 1 through 5 of 5, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated October 03, 2002, last revision A, signed and sealed by Warren W. Schaefer, P.E. on January 05, 2005.

B. TESTS

1. None.

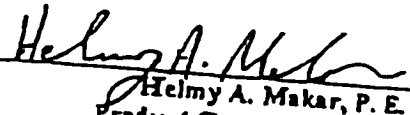


Helmy A. Maker, P. E.
Product Control Examiner
NOA No 06-0407.07
Expiration Date: 04/09/2011
Approval Date: 05/18/2006

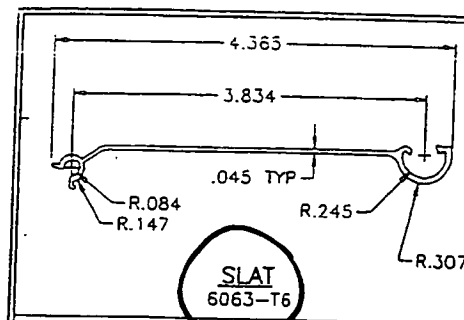
Folding Shutter Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

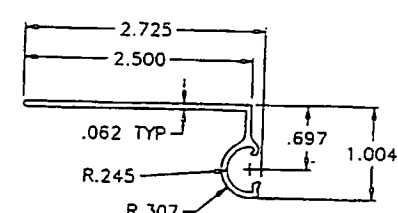
- C. **QUALITY ASSURANCE**
1. *By Miami-Dade County Building Code Compliance Office.*
- D. **CALCULATIONS**
1. *Design analysis and Anchor calculations, 50 Pages, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated January 04, 2005, signed and sealed by Warren W. Schaefer, P.E.*
- E. **MATERIAL CERTIFICATIONS**
1. *None.*
7. **NEW EVIDENCE SUBMITTED (NON-HVHZ) from NOA #05-0908.01**
- A. **DRAWINGS**
1. *Drawing No. 1475, titled " Titan II NON-HVHZ Folding Shutter ", sheets 1 through 5 of 5, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated April 04, 2006, signed and sealed by W. W. Schaefer, P.E. on April 04, 2006.*
- B. **TESTS**
1. *None.*
- C. **QUALITY ASSURANCE**
1. *By Miami-Dade County Building Code Compliance Office.*
- D. **CALCULATIONS**
1. *None.*
- E. **MATERIAL CERTIFICATIONS**
1. *None.*
- F. **NOTE**
1. *The only change in NOA#06-0407.07 for NON-HVHZ from NOA #05-0908.01 is the Shutter Glass Separation.*



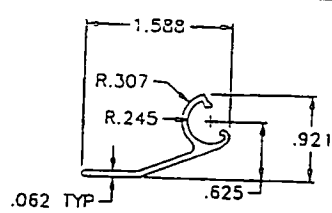
Helmy A. Makar, P. E.
Product Control Examiner
NOA No 06-0407.07
Expiration Date: 04/09/2011
Approval Date: 05/18/2006



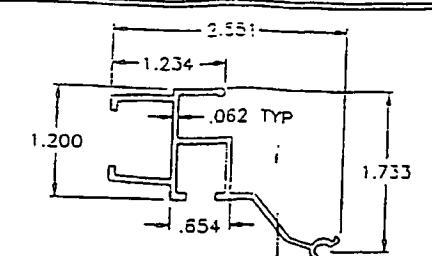
SLAT
6063-T6



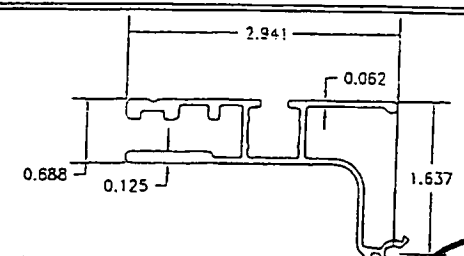
WALL MOUNT SLAT
6063-T5



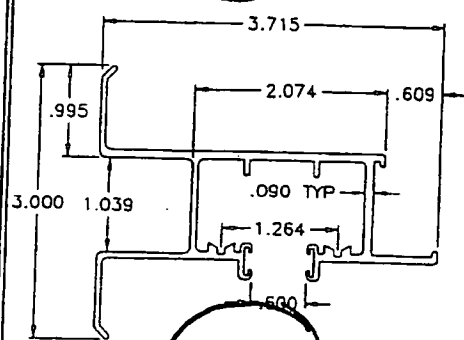
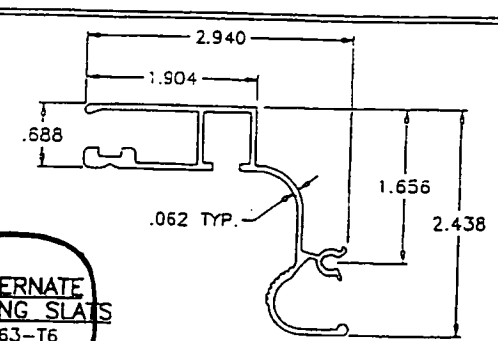
FEMALE END SLAT
6063-T5



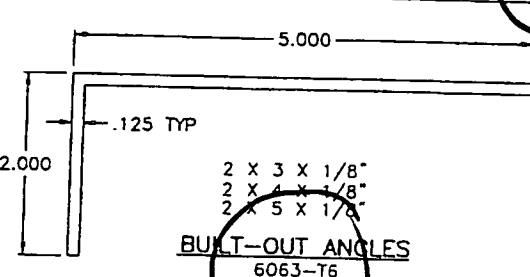
MALE LOCKING SLAT
6063-T6



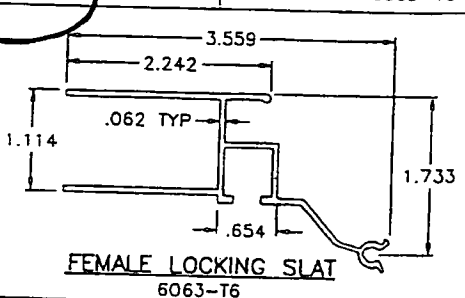
ALTERNATE LOCKING SLATS
6063-T6



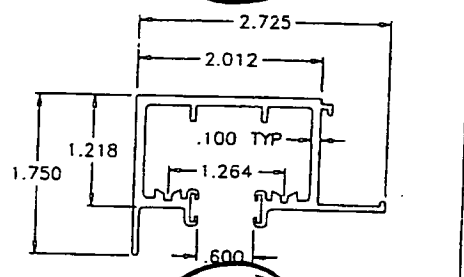
WALL HEADER
6063-T5



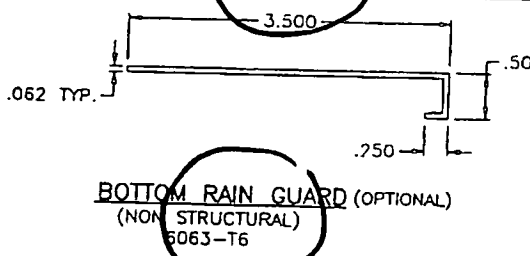
BUILT-OUT ANGLES
6063-T6



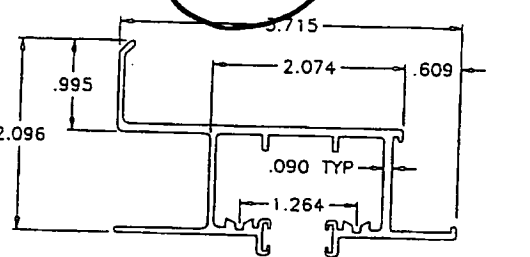
FEMALE LOCKING SLAT
6063-T6



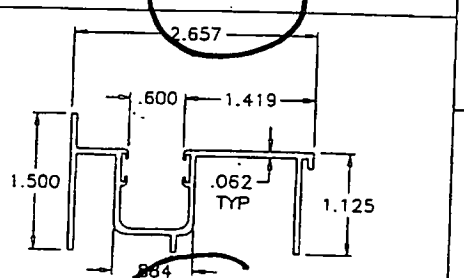
CEILING HEADER
6063-T5



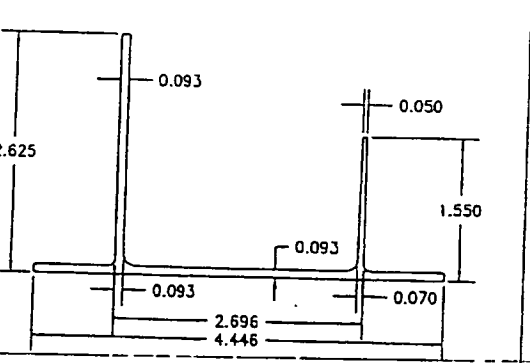
BOTTOM RAIN GUARD (OPTIONAL)
(NON-STRUCTURAL)
6063-T6



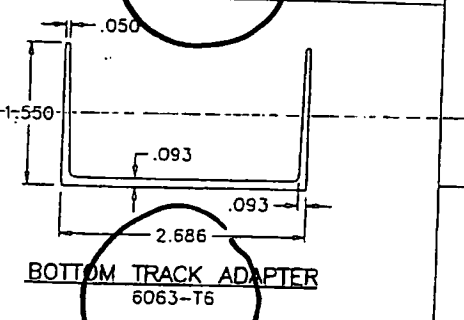
ALT. WALL HEADER
6063-T5



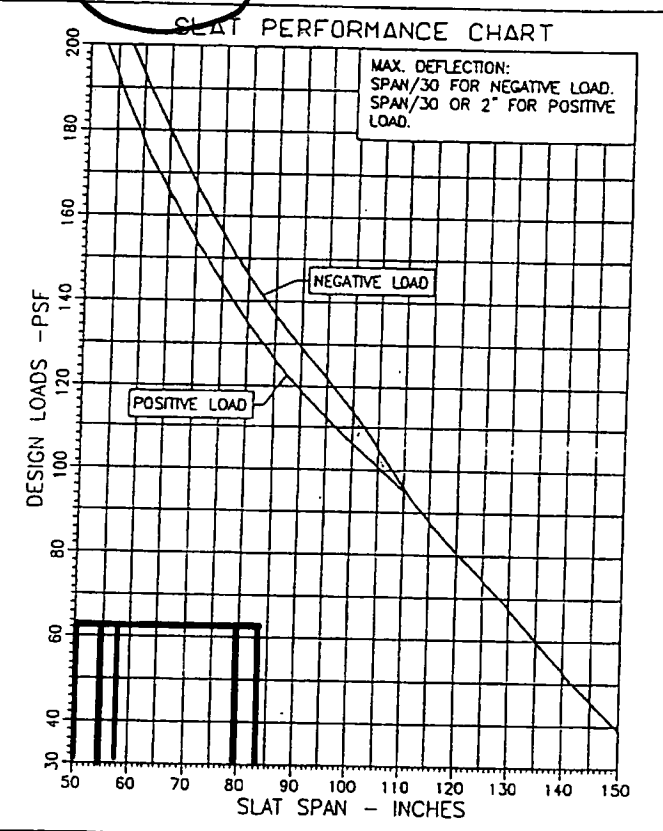
BOTTOM SILL TRACK
6063-T6



ALTERNATE BOTOM TRACK ADAPTER
6063-T5 ALUMINUM



BOTTOM TRACK ADAPTER
6063-T6



USE SLAT PERFORMANCE CHART TO VERIFY SLAT CAPACITY FOR THE REQUIRED DESIGN LOAD FOR THE PARTICULAR LOCATION.

PRODUCT MARKING
A LABEL SHALL BE AFFIXED ON LOCKING MEMBER OF UNIT ABOVE THE LOCK WITH FOLLOWING STATEMENT
FOLDING SHUTTER CORP. WEST PALM BEACH, FL
"DADE COUNTY PRODUCT CONTROL APPROVED"

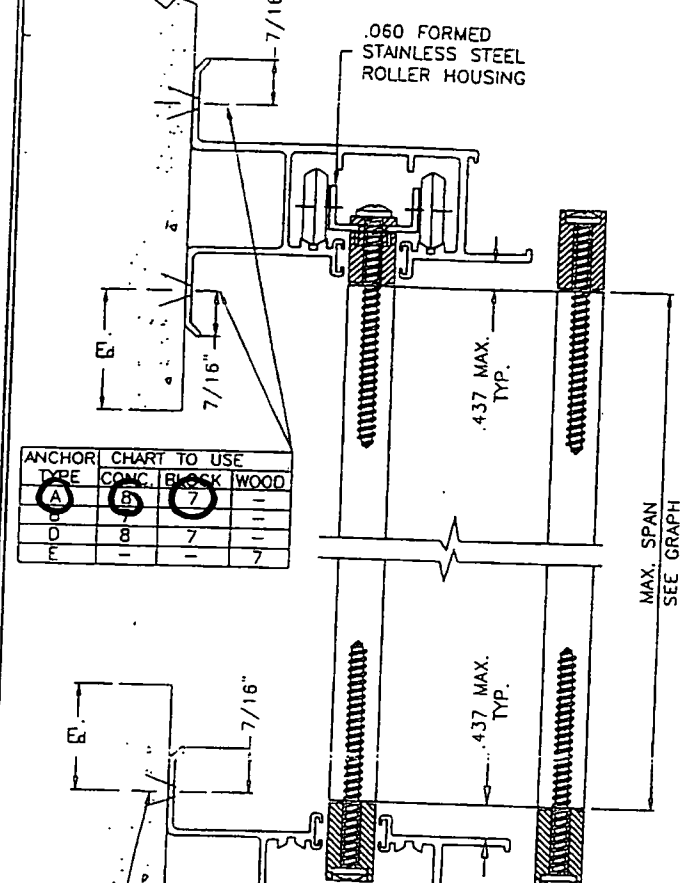
GENERAL NOTES

1. THESE SHUTTERS ARE DESIGNED PER THE 2004 FLORIDA BUILDING CODE (FBC) FOR NON-HIGH VELOCITY HURRICAN ZONES (NON-HVHZ).
2. DESIGN CRITERIA FOR ALUMINUM, MINIMUM MECHANICAL PROPERTIES, AND SAFETY FACTORS ARE IN ACCORDANCE WITH THE "ALUMINUM CONSTRUCTION MANUAL" LATEST EDITION.
3. ALL EXTRUSIONS SHALL BE ALLOYS AS SHOWN ON DETAILS.
4. STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE GIVEN ONE COAT OF ZINC CHROMATE PRIMER IN ACCORDANCE WITH FEDERAL SPEC. NO. TTP-645, OR BE GALVANIZED.
5. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
6. ALL BOLTS, NUTS AND WASHERS SHALL BE STAINLESS STEEL OR ALUMINUM ALLOY 2024-T4 OR 7075-T6.
7. DESIGN CRITERIA FOR SLATS: MAX DEFLECTION \leq L/30 FOR NEGATIVE PRESSURE AND THE LESSER OF L/30 OR 2" FOR POSITIVE PRESSURE.
8. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

Approved as complying with the Florida Building Code
Date: 05/18/2006
NOA# 06-0407-07
Miami Dade Product Control
Division
By: *Warren W. Schaefer*

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=1	DATE: 04/04/06
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE TITAN II NON-HVHZ FOLDING SHUTTER	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER FOLDING SHUTTER CORP. 7089 HEMSTREET PLACE WEST PALM BEACH, FL 33406 561-681-4811	
CERTIFICATION	APR 04 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1475	REV.
SHEET NO. 1	OF 5

WALL MOUNTS



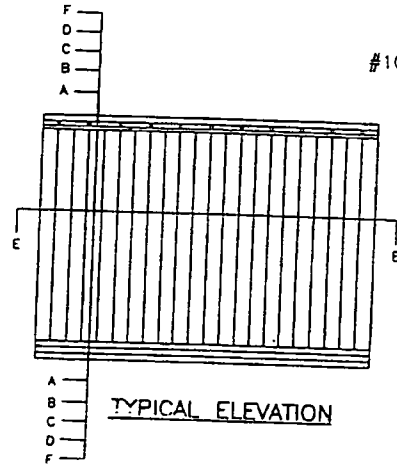
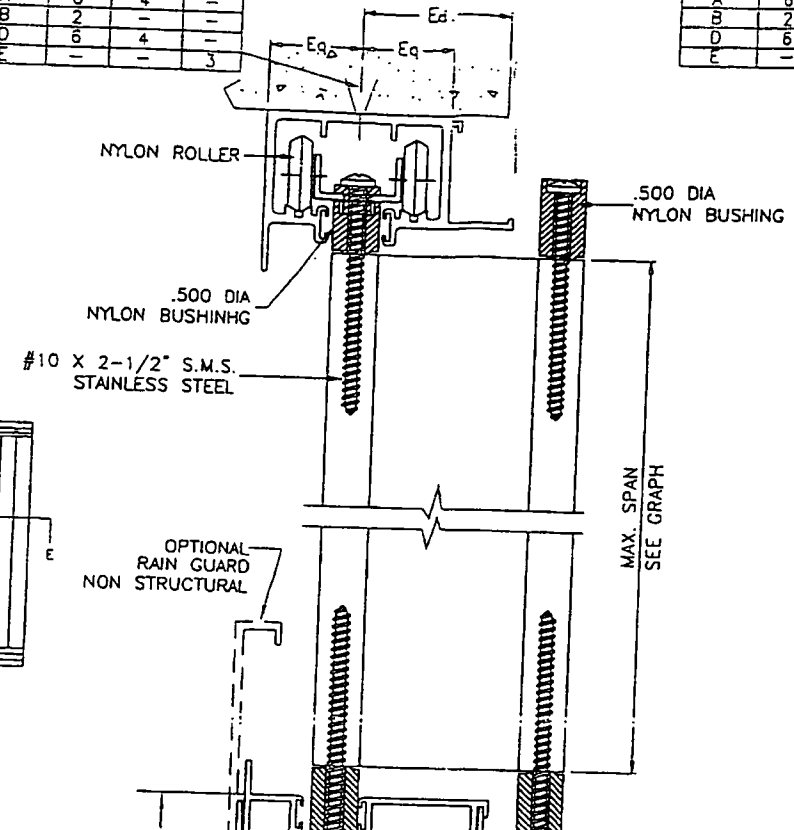
ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	5	7	-
B	-	-	7
D	-	-	7
E	-	-	7

ANCHORS SAME AS HEADER

SECTION A-A

INSIDE MOUNTS

ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	6	4	-
B	2	-	-
D	6	4	-
E	-	-	3



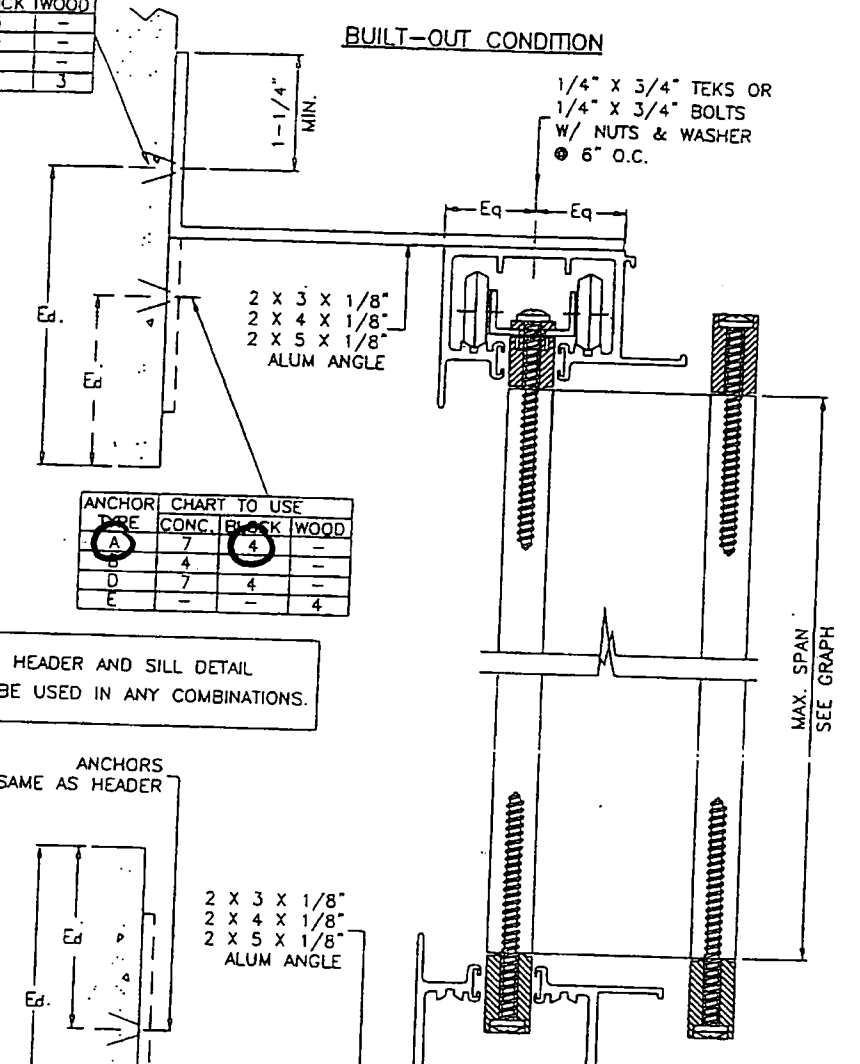
TYPICAL ELEVATION

ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	7	5	-
D	7	5	-
E	-	-	4

SECTION B-B
SEE ALTERNATE SECTIONS B-B FOR ALTERNATE TRACK ADAPTER

ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	6	3	-
B	2	-	-
D	6	3	-
E	-	-	3

BUILT-OUT CONDITION



ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	7	4	-
D	7	4	-
E	-	-	4

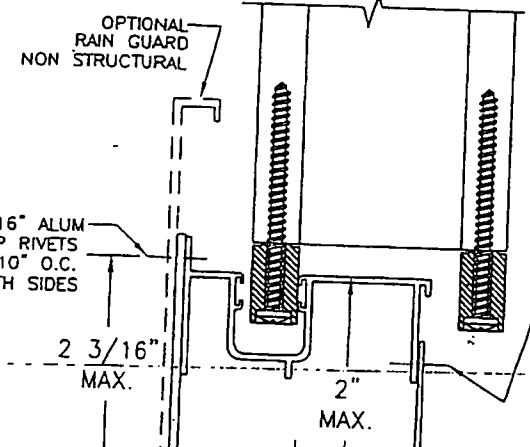
NOTE: HEADER AND SILL DETAIL CAN BE USED IN ANY COMBINATIONS.

ANCHORS SAME AS HEADER

2 X 3 X 1/8"
2 X 4 X 1/8"
2 X 5 X 1/8"
ALUM ANGLE

SECTION C-C

1/4" X 3/4" TEKS OR
1/4" X 3/4" BOLTS
W/ NUTS & WASHER
@ 6" O.C.

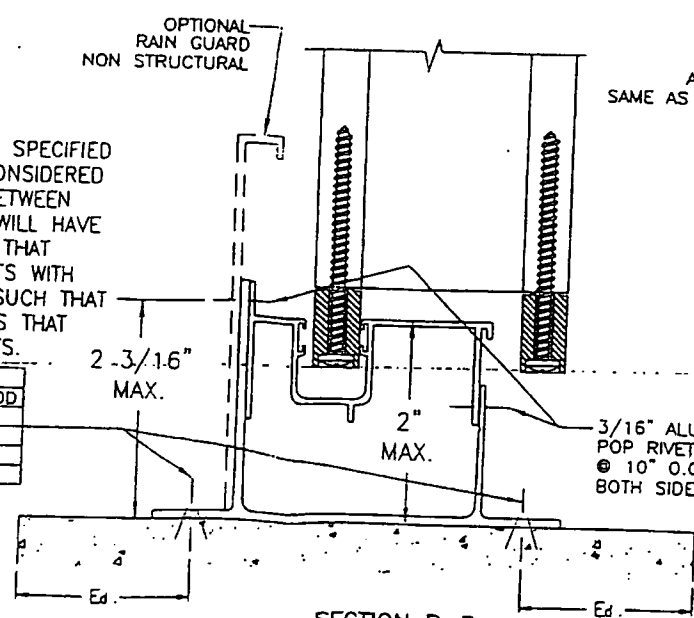


SECTION B-B ALTERNATE BOTTOM TRACK ADAPTER WITHOUT FLANGES
(SAME AS WITH FLANGES EXCEPT WITHOUT FLANGES)

ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	7	5	-
B	3	-	-
D	7	5	-
E	-	-	4

NOTE: ANCHOR SPACING SPECIFIED IN CHARTS IS TO BE CONSIDERED AS OVERALL SPACING BETWEEN ANCHORS. EACH ROW WILL HAVE A SPACING OF 2 TIMES THAT SPECIFIED IN THE CHARTS WITH EACH ROW STAGGERED SUCH THAT THE OVERALL SPACING IS THAT SPECIFIED IN THE CHARTS.

ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	7	5	-
B	3	-	-
D	7	5	-
E	-	-	4



SECTION B-B ALTERNATE BOTTOM TRACK ADAPTER WITH FLANGES

FOR GENERAL NOTES AND EXTRUSION DETAILS SEE SHEET 1 OF 5.
FOR WOOD INSTALLATIONS SEE SHEET 4 OF 5.
FOR ANCHOR CHARTS SEE SHEET 5 OF 5.

Ed = TYPICAL EDGE DISTANCE
CONC. & BLOCK = 12d (12 ANCHOR DIAMETERS)
WOOD = 5d
FOR LESSER EDGE DISTANCES SEE SHEET 5 OF 5.

ANCHORS: EMBEDMENT & EDGE DISTANCES SHOWN ARE BEYOND THE WALL & FLOOR COVERING (STUCCO, TILES, ETC.)

Approved as representing with the Florida Building Code
Date 05/18/2006
NOA# 06-0407.0
Miami Dade Fraternal Center
Division
By Warren W. Schaefer

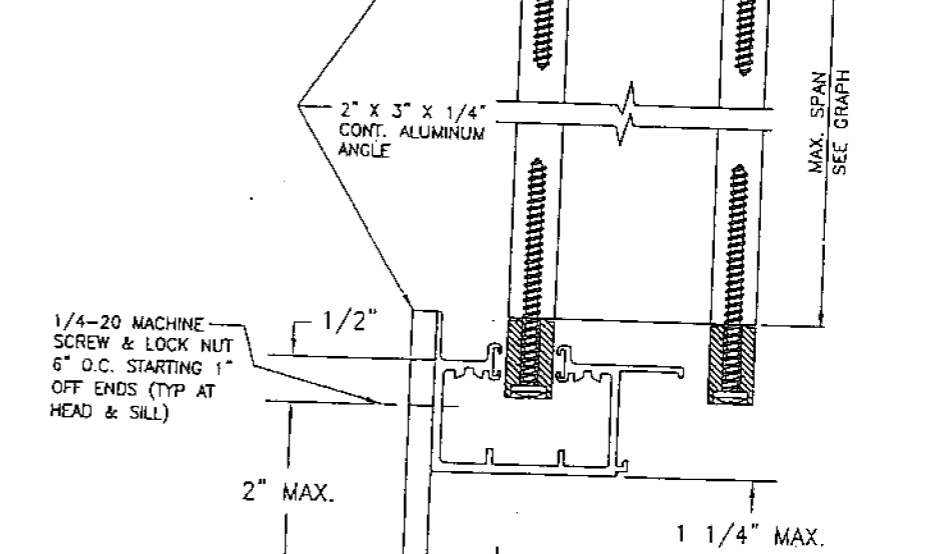
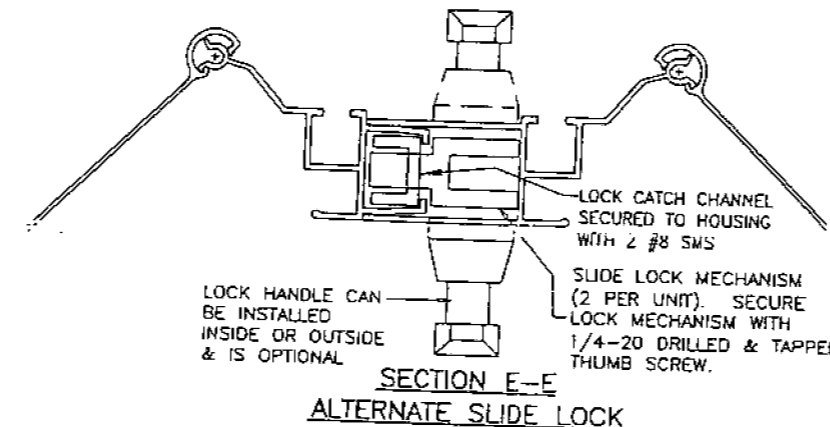
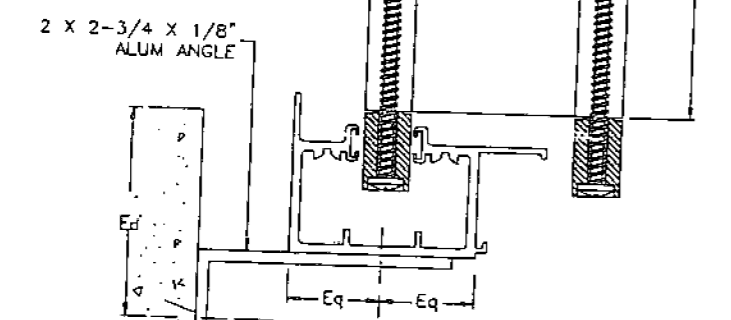
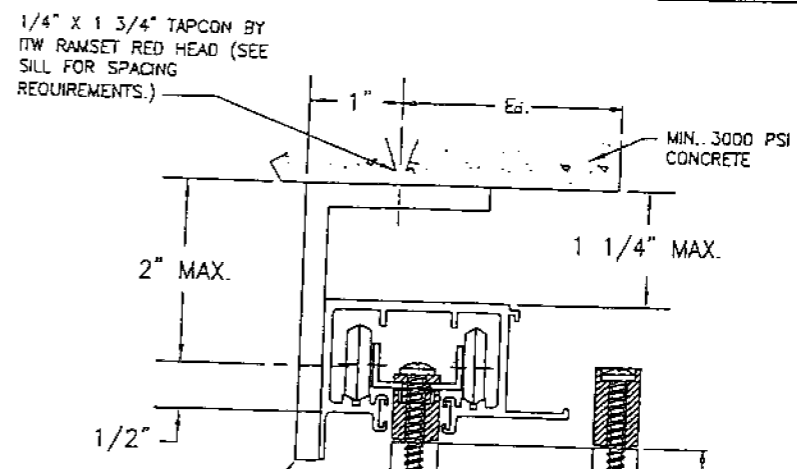
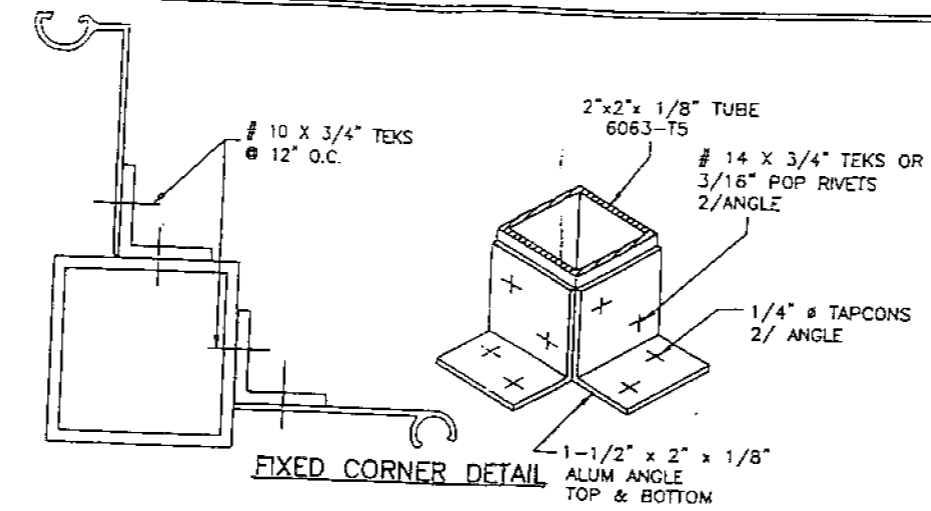
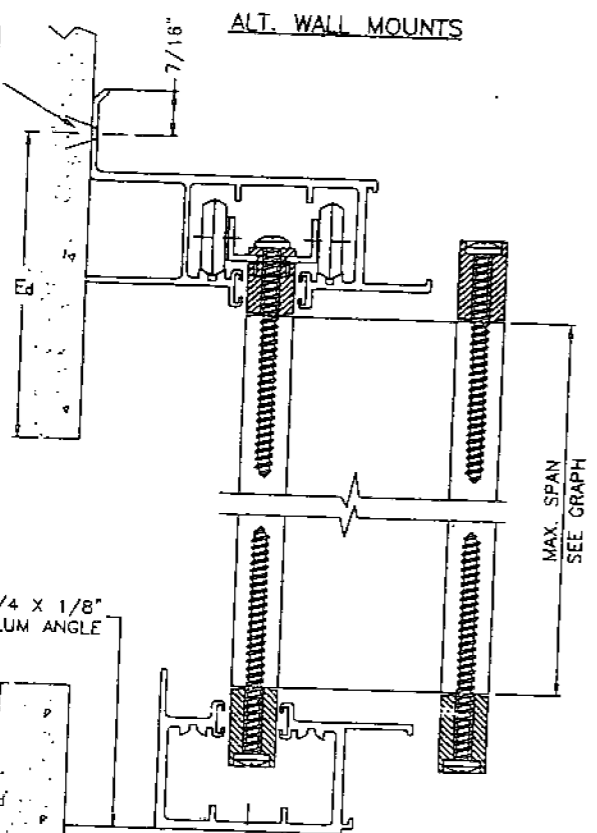
DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
PLOT:	1=1	DATE:	04/04/06
DATE			
BY			
REVISION DESCRIPTION			
NO.			

TITAN II NON-HVAZ FOLDING SHUTTER
MANUFACTURER
FOLDING SHUTTER CORP.
7089 HEMSTREET PLACE
WEST PALM BEACH, FL 33406
561-683-4811

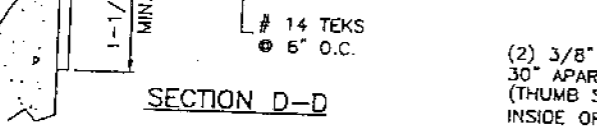
CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
APR 04 2006
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

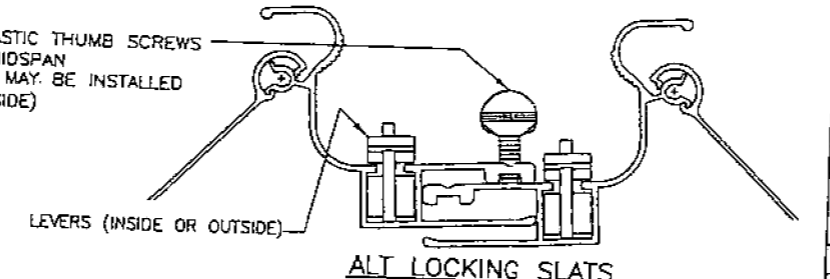
ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	2	1	-
B	1	-	-
D	3	1	-
E	-	-	1



ANCHOR CHART TO USE			
TYPE	CONC.	BLOCK	WOOD
A	5	2	-
B	2	-	-
D	5	2	-
E	-	-	2

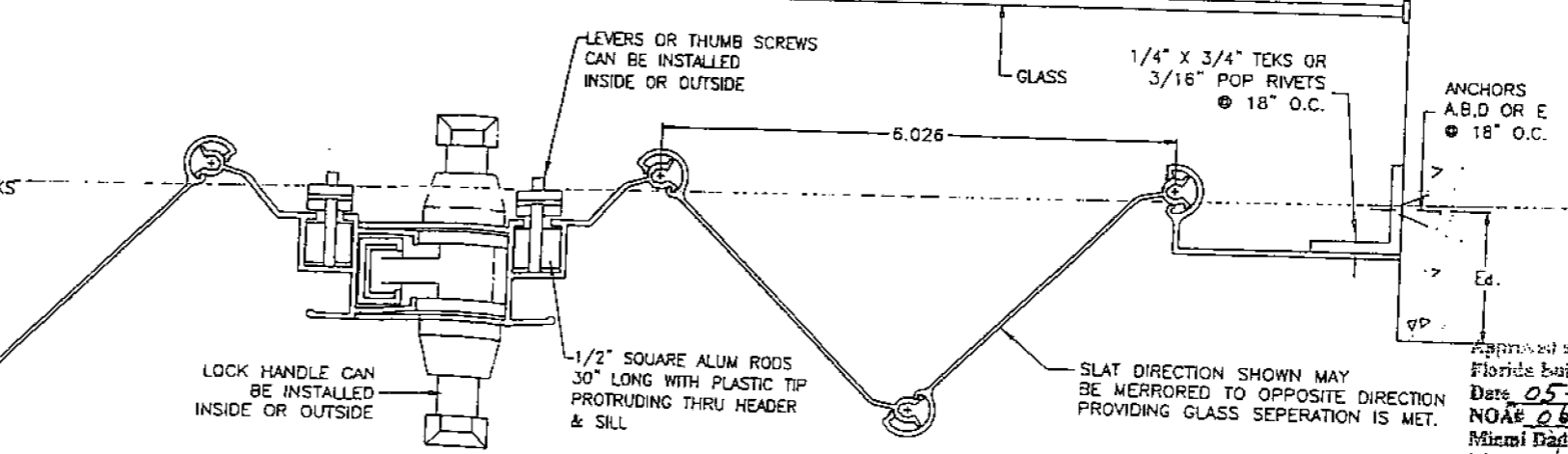
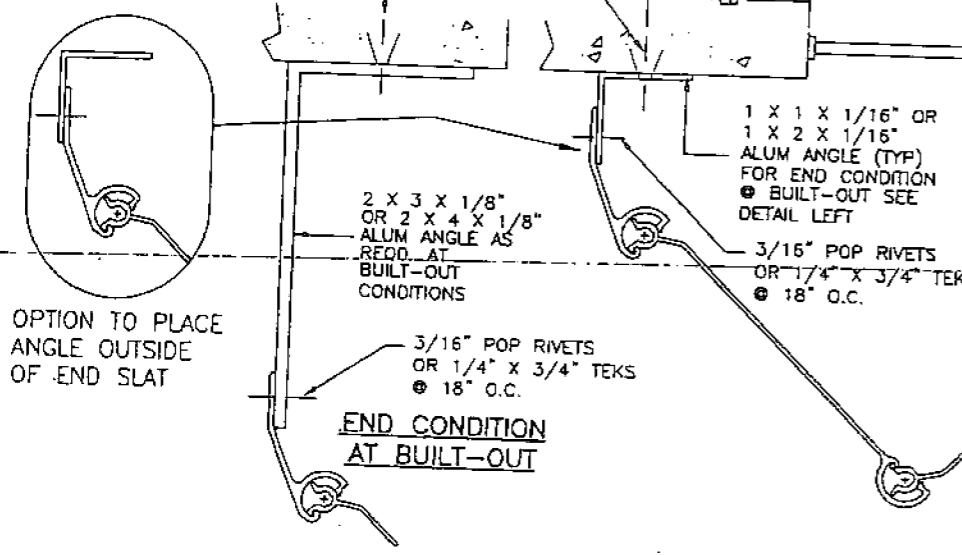


(2) 3/8" # PLASTIC THUMB SCREWS 30" APART @ MIDSPAN (THUMB SCREW MAY BE INSTALLED INSIDE OR OUTSIDE)



1/4" X 1 3/4" TAPCON BY ITW RAMSET RED HEAD		
MAX. SHUTTER HEIGHT	REQUIRED POS/NEG PRESSURE	MAX. ANCHOR SPACING
99.5"	82.7 PSF	3"
99.5"	41.4 PSF	6"
99.5"	27.8 PSF	9"

SEE SECTIONS B-B FOR DETAIL NOT SHOWN.



SLAT DIRECTION SHOWN MAY BE MIRRORRED TO OPPOSITE DIRECTION PROVIDING GLASS SEPERATION IS MET.

Approved as complying with the Florida Building Code
 Date 05-18-2006
 NOA# 06-0407-07
 Miami Dade Product Control Division
 By: *Helmut A. Mehl*

NO.	REVISION DESCRIPTION	DATE	BY	DRAWN BY:	CHECKED BY:
				W.W.S.	W.W.S.

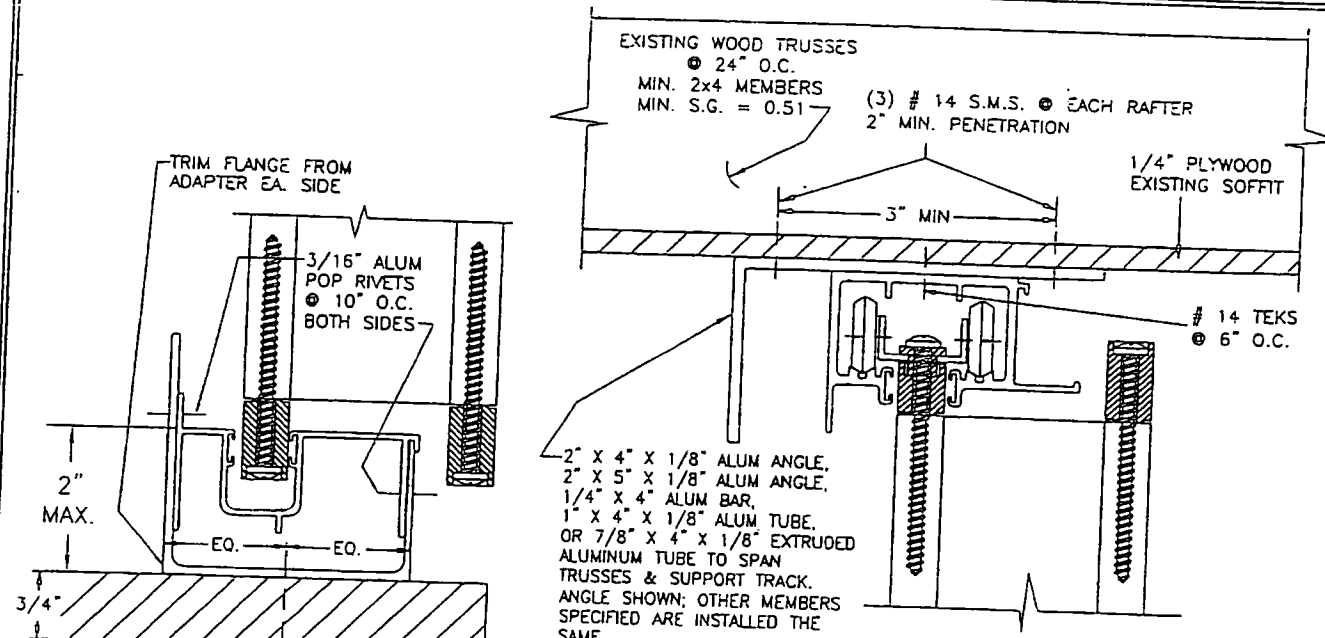
DRAWING TITLE
TITAN II NON-HVAC FOLDING SHUTTER

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8895 N. MILITARY TRAIL, SUITE C-204
 PALM BEACH GARDENS, FL 33410
 PHONE: 561-775-4802 FAX: 561-775-4903

MANUFACTURER
FOLDING SHUTTER CORP.
 7089 HEMSTREET PLACE
 WEST PALM BEACH, FL 33406
 561-683-4811

CERTIFICATION
APR 14 2006
 WARREN W. SCHAEFER, P.E.
 NO. 44135

DRAWING NO. 1475
 SHEET NO. 3 OF 5



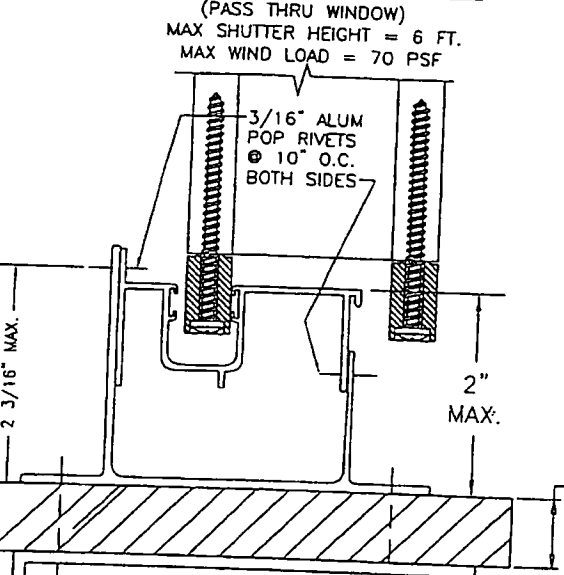
EXISTING WOOD TRUSSES
 @ 24" O.C.
 MIN. 2x4 MEMBERS
 MIN. S.G. = 0.51
 (3) # 14 S.M.S. @ EACH RAFTER
 2" MIN. PENETRATION

2" x 4" x 1/8" ALUM ANGLE,
 2" x 5" x 1/8" ALUM ANGLE,
 1/4" x 4" ALUM BAR,
 1" x 4" x 1/8" ALUM TUBE,
 OR 7/8" x 4" x 1/8" EXTRUDED
 ALUMINUM TUBE TO SPAN
 TRUSSES & SUPPORT TRACK.
 ANGLE SHOWN; OTHER MEMBERS
 SPECIFIED ARE INSTALLED THE
 SAME.

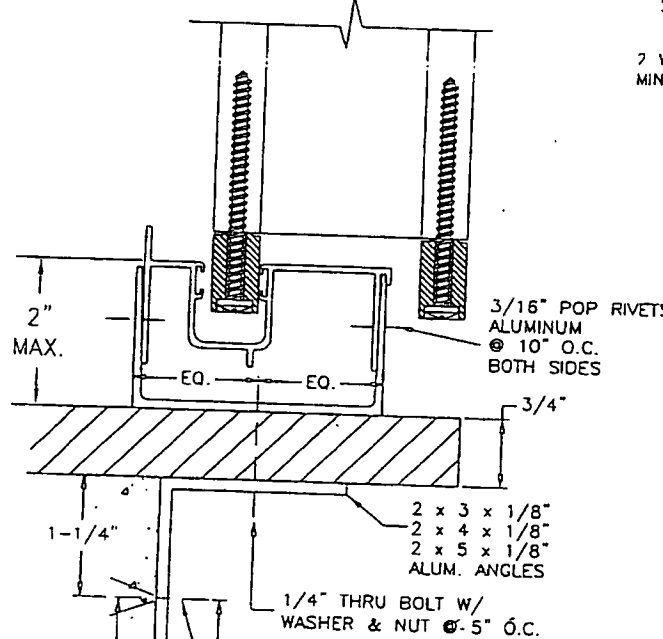
HEADER CONNECTION TO WOOD TRUSSES
 FOR SHUTTER HEIGHT OF 108", MAX. DESIGN LOAD = 65 PSF
 FOR SHUTTER HEIGHT OF 96", MAX. DESIGN LOAD = 73 PSF

SEE STANDARD
 COUNTER TOP
 CONDITION FOR
 CONNECTION OF
 ANGLE TO WALL

**COUNTER TOP CONDITION
 WITH ALTERNATE BOTTOM TRACK
 ADAPTER WITHOUT FLANGES**
 (PASS THRU WINDOW)
 MAX SHUTTER HEIGHT = 6 FT.
 MAX WIND LOAD = 70 PSF

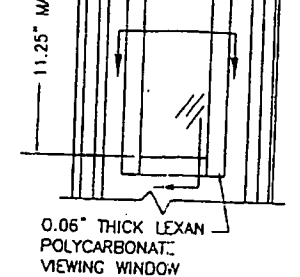
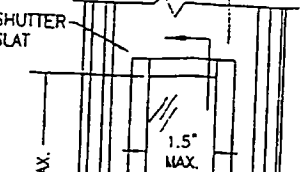
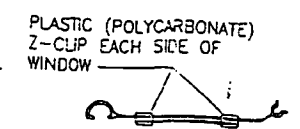


**COUNTER TOP CONDITION
 WITH ALTERNATE BOTTOM TRACK
 ADAPTER WITH FLANGES**
 (PASS THRU WINDOW)
 MAX SHUTTER HEIGHT = 6 FT.
 MAX WIND LOAD = 70 PSF



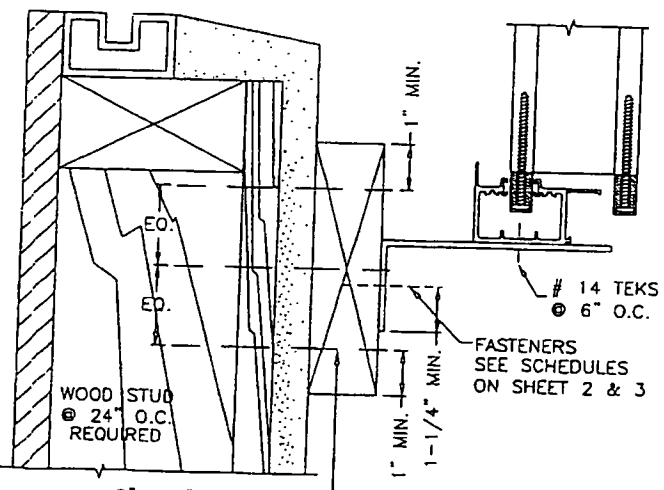
STANDARD COUNTER TOP CONDITION
 (PASS THRU WINDOW)
 MAX SHUTTER HEIGHT = 6 FT.
 MAX WIND LOAD = 70 PSF

ANCHOR TYPE	ANCHOR SPACING INCHES					
	UPTO 50 PSF		UPTO 70 PSF			
	CONC	BLOCK	WOOD	CONC	BLOCK	WOOD
A	12	4	-	9	3	-
B	5	-	-	4	-	-
D	13	5	-	9	4	-
E	-	-	5	-	-	5



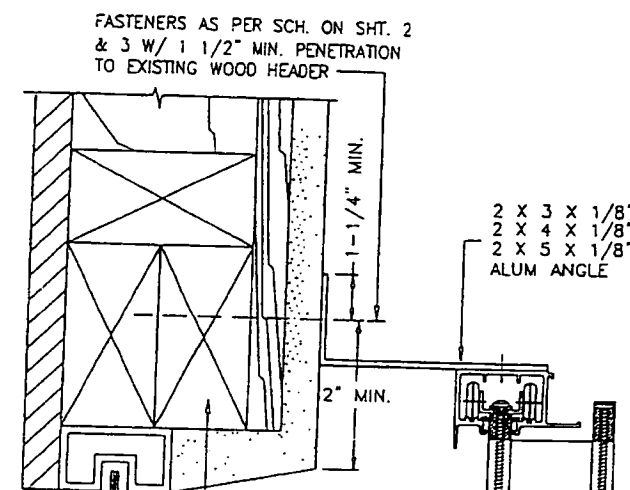
**SLAT WINDOW DETAIL
 (SMALL MISSILE IMPACT)**
 TO BE USED ONLY WITH SHUTTERS
 THAT ARE POSITIONED MIN. 30 FT.
 ABOVE ESTABLISHED GRADE.
 2 WINDOWS MAY BE IN ONE SLAT SPACED
 MIN. 24" APART (MAX. EVERY 10 SLATS)

**SLAT WINDOW DETAIL
 (LARGE MISSILE IMPACT)**
 (APPLICABLE AT ALL ELEVATIONS)
 2 WINDOWS MAY BE IN ONE SLAT SPACED
 MIN. 24" APART (MAX. EVERY 10 SLATS)

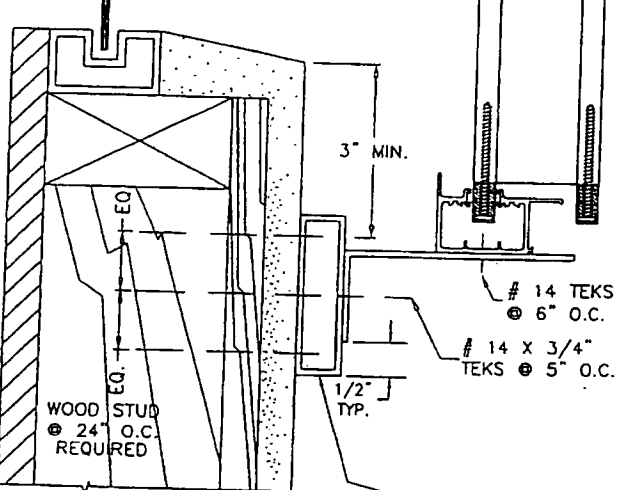


2" x 6" CONT.
 W/ (3) 1/4" @ x 5" LAG SCREWS
 @ EACH STUD W/ 2" MIN PENETRATION
 INTO EXISTING STUD

INSTALLATION DETAIL ON EXISTING WOOD BUCKS SCALE: 1/4"=1"
 FOR SHUTTER HEIGHT OF 108" MAX. DESIGN LOAD = 46 PSF
 FOR SHUTTER HEIGHT OF 96" MAX. DESIGN LOAD = 51 PSF
 FOR HEADER/SILL-DETAILS-CONNECTED-TO-CONTINUOUS-WOOD-MEMBERS-SEE-SHEETS 2 & 3-



FASTENERS AS PER SCH. ON SHT. 2
 & 3 W/ 1 1/2" MIN. PENETRATION
 TO EXISTING WOOD HEADER



1" x 3-3/4" x 1/8" CONT. ALUM TUBE
 W/ (3) 1/4" @ x 4" LAG SCREWS
 @ EACH STUD W/ 2" MIN PENETRATION
 INTO EXISTING STUD

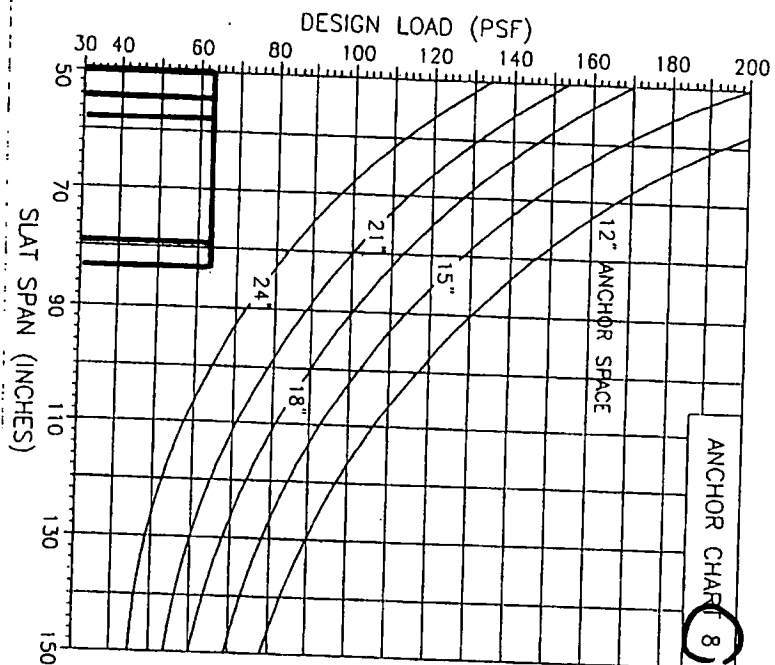
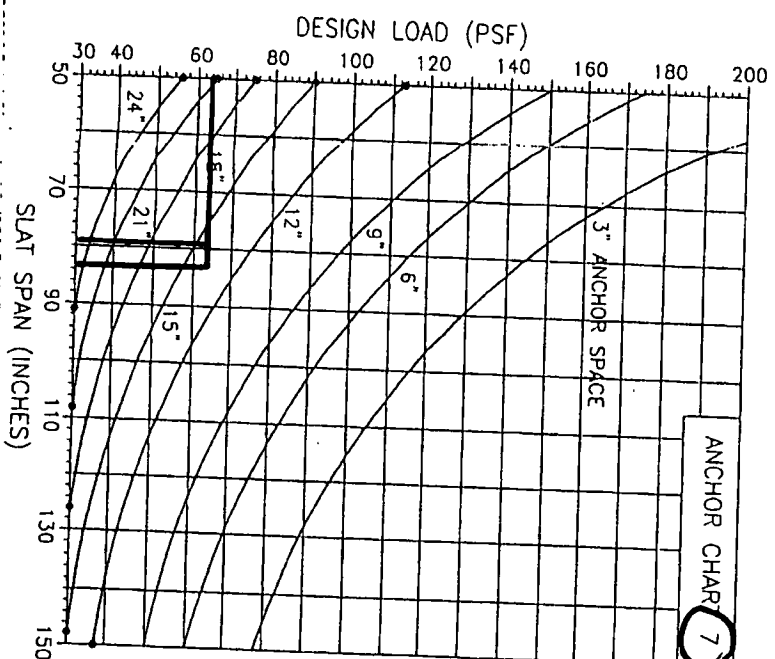
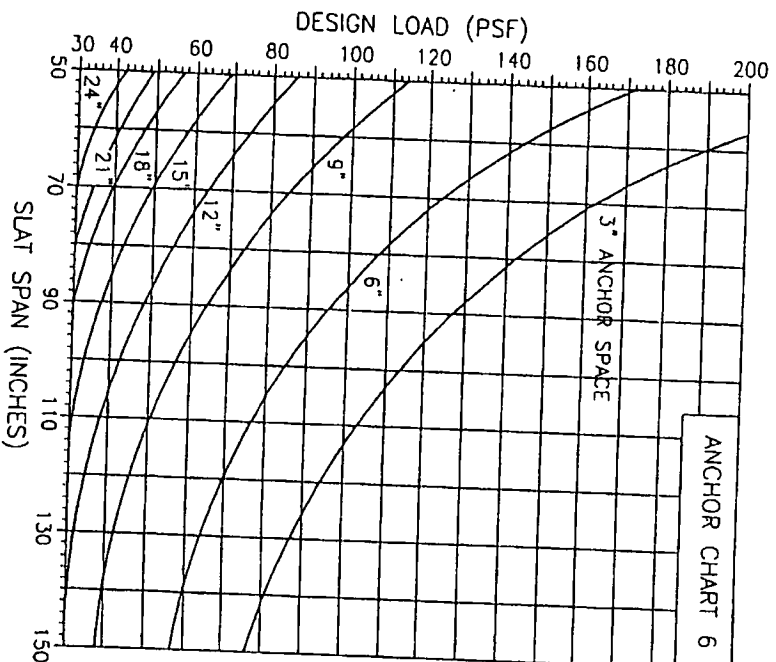
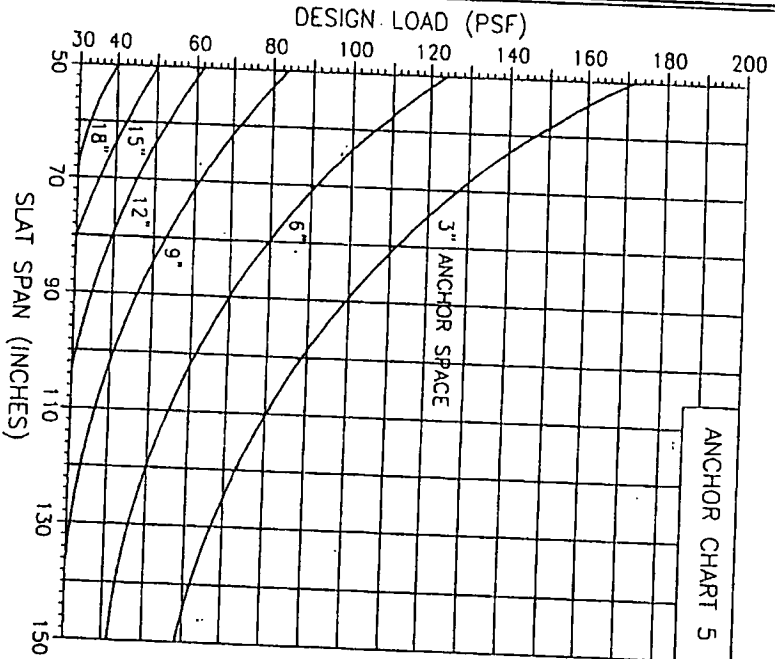
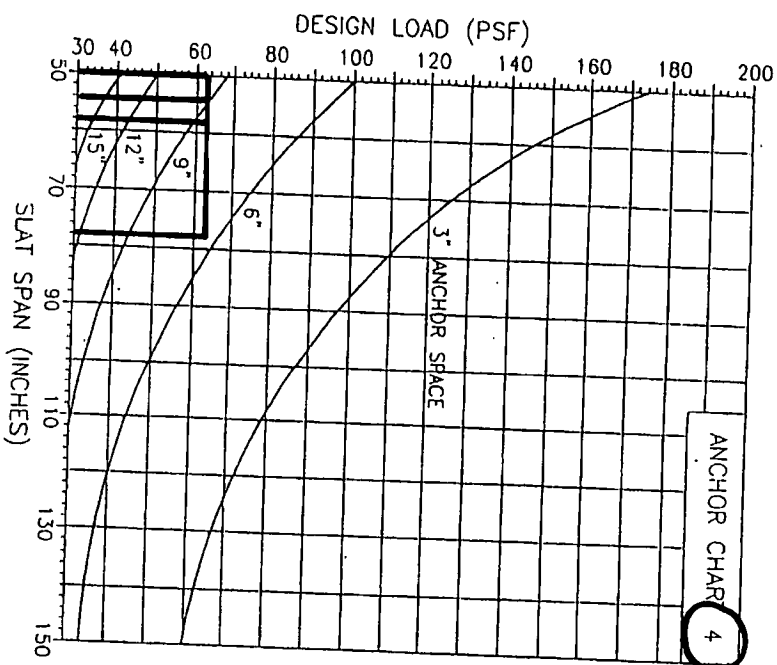
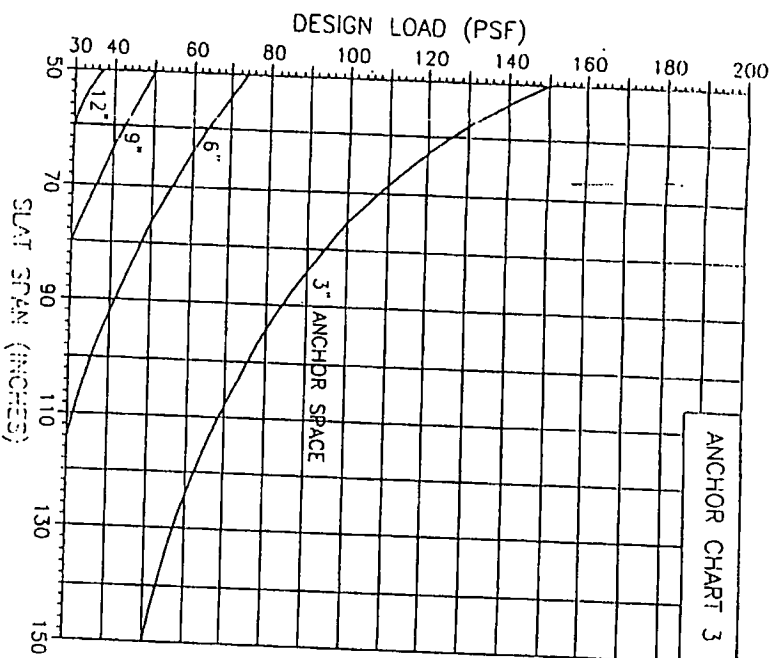
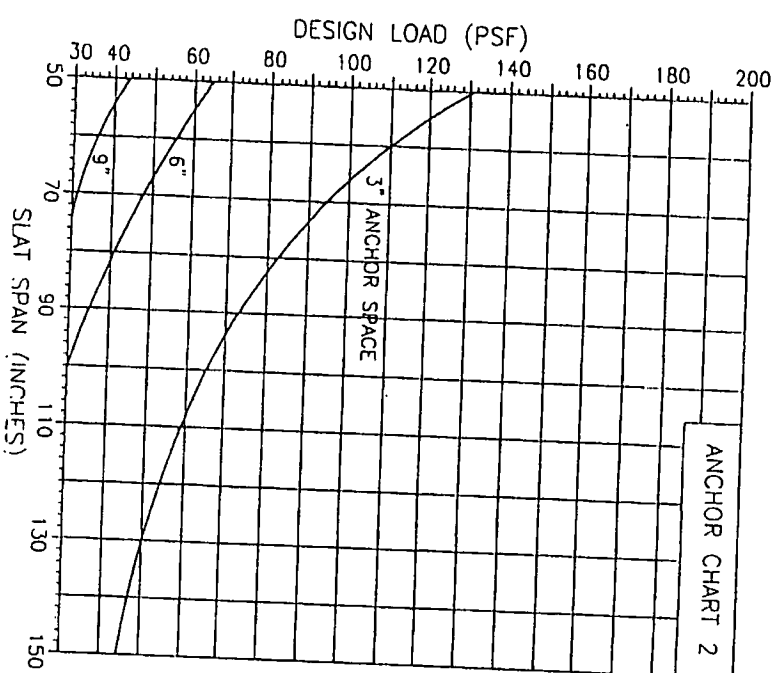
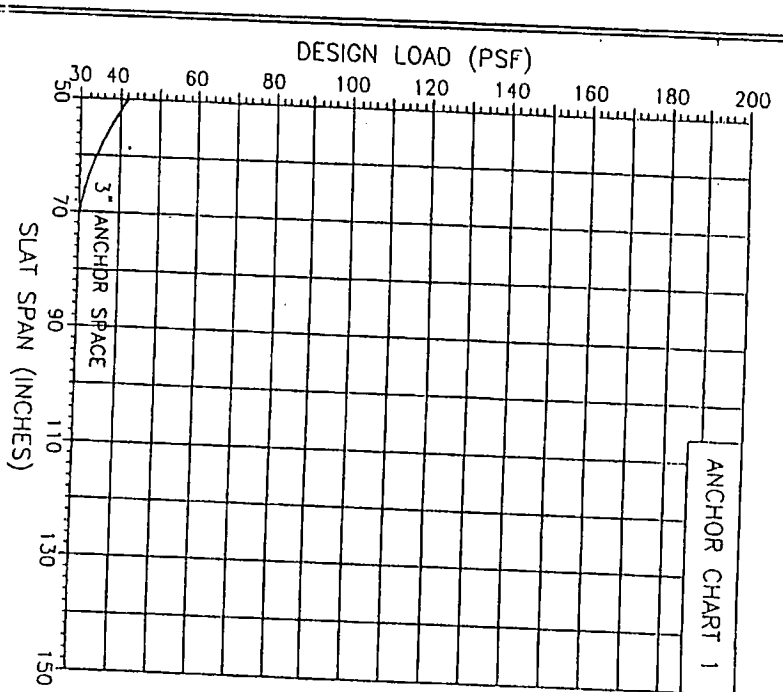
Approved as complying with the
 Florida Building Code
 Date: 05/18/2006
 NOA# 06-0427-07
 Miami Dade Product Control
 Division
 By: *William A. Miller*

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=1	DATE: 04/04/06
DATE	
BY	
REVISION DESCRIPTION	
NO.	

TITAN II NON-HVAZ FOLDING SHUTTER
 MANUFACTURER
FOLDING SHUTTER CORP.
 7089 HEMSTREET PLACE
 WEST PALM BEACH, FL 33406
 561-683-4811

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8895 N. MILITARY TRAIL, SUITE C-204
 PALM BEACH GARDENS, FL 33410
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
 APR 18 2006
 WARREN W. SCHAEFER P.E.
 P.E. NO. 44135



FASTENER SPACING IN MASONRY

CHARTS ARE BASED ON TYPICAL EDGE DISTANCE = 12d.
FOR LESSER EDGE DISTANCE DECREASE SPACING BY
MULTIPLYING WITH THE FACTOR BELOW

EDGE DIST.	12d=3"	10d=2-1/2"	8d=2"	6d=1-1/2"	5d=1-1/4"
FACTOR	1.00	0.85	0.71	0.57	0.50

EXAMPLE: FOR 3" EDGE DIST. SPACING = 12" O.C. (FROM CHART)
FOR 2" EDGE DIST. SPACING = 12 X .71 = 8.5 O.C.
TYPICAL EDGE DISTANCE IN WOOD = 1-1/4"
NO REDUCTION FACTOR IS REQUIRED

TYPICAL ANCHORS

- ANCHOR (A) = 1/4" TAPCON (BY JTW RANSET/RED HEAD):
1-3/4" EMBEDMENT TO 3000 PSI MIN. CONCRETE
- ANCHOR (B) = #14 S.M.S. W/ RAWL SCRU-LEAD INTO MIN. 3000 PSI CONCRETE:
1-1/4" EMBEDMENT.
- ANCHOR (C) = 1/4" RAWL CALK-IN:
TOTAL ANCHOR BODY INTO BLOCK OR MIN. 3000 PSI CONCRETE.
- ANCHOR (D) = #14 S.M.S./LAG SCREWS INTO WOOD (S.G. = 0.47):
1-1/2" MIN. PENETRATION.

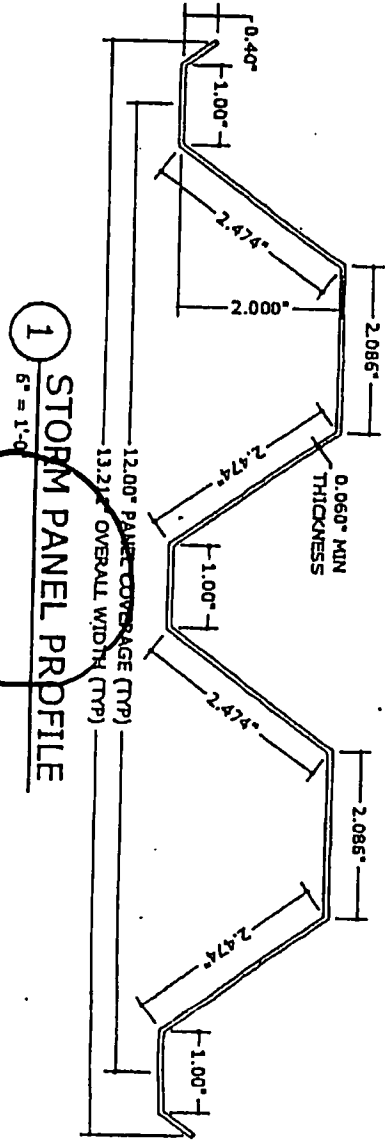
USE CHARTS 1 THRU 8 TO VERIFY ANCHOR
REQUIREMENTS AND STRESS LIMITATIONS OF
LOAD/SPAN COMBINATIONS FOR HEADER AND SILL.

NOTE: ANCHORS, USE FULL EMBEDMENT IN CONCRETE BEYOND
THE COVERING (STUCCO, TILES, ETC.)

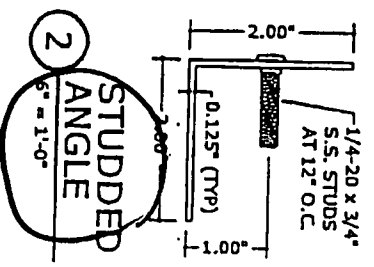
Approved as representing with the
Florida Building Code
Date: 05/18/2006
NO. 06-0207-03
Palmetto Deck President Certified
Estimator
By: *W. Schaefer*

CERTIFICATION APR 10 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING TITLE TITAN II NON-HVAZ FOLDING SHUTTER		CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		MANUFACTURER FOLDING SHUTTER CORP. 7089 HEMSTREET PLACE WEST PALM BEACH, FL 33406 561-683-4811		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	REVISION DESCRIPTION	BY	DATE													DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
NO.	REVISION DESCRIPTION	BY	DATE																								
PLOT: 1-1	DATE: 04/04/06	DRAWING NO.: 1475 SHEET NO.: 5 OF 5																									

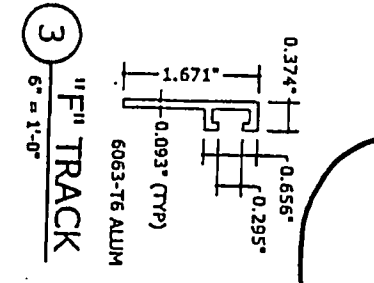
"TITAN" 0.060" ALUMINUM STORM PANELS



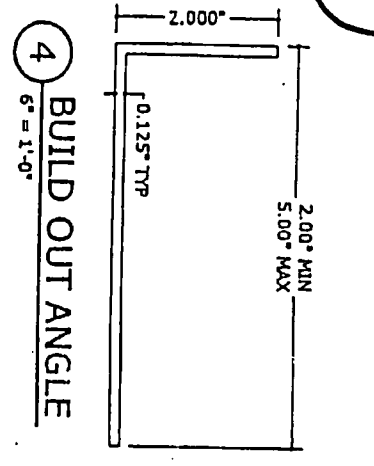
1 STORM PANEL PROFILE
6" = 1'-0"



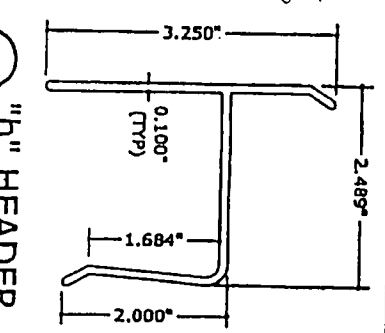
2 STUDDED ANGLE
6" = 1'-0"



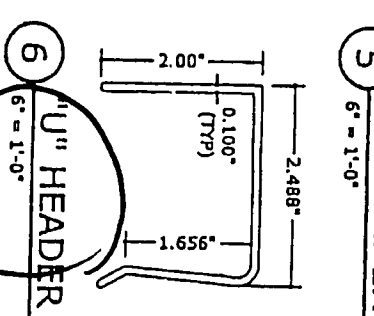
3 "F" TRACK
6" = 1'-0"



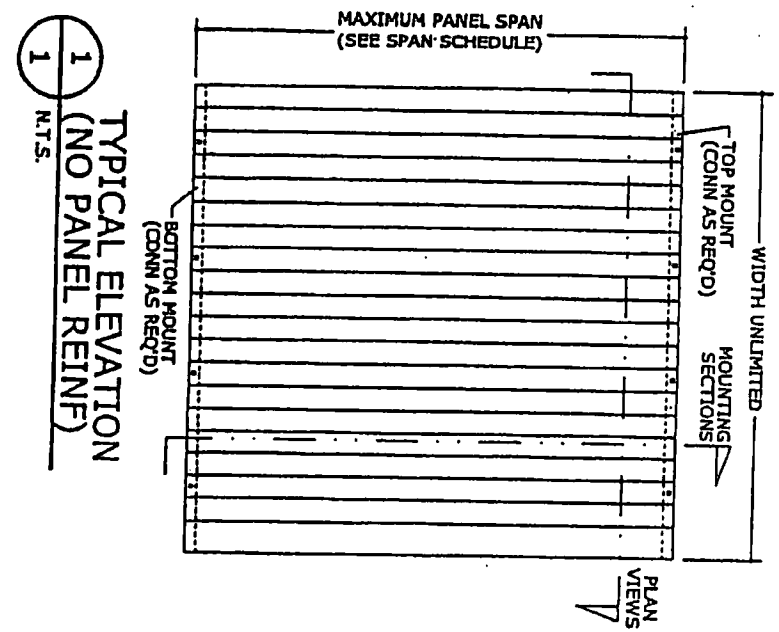
4 BUILD OUT ANGLE
6" = 1'-0"



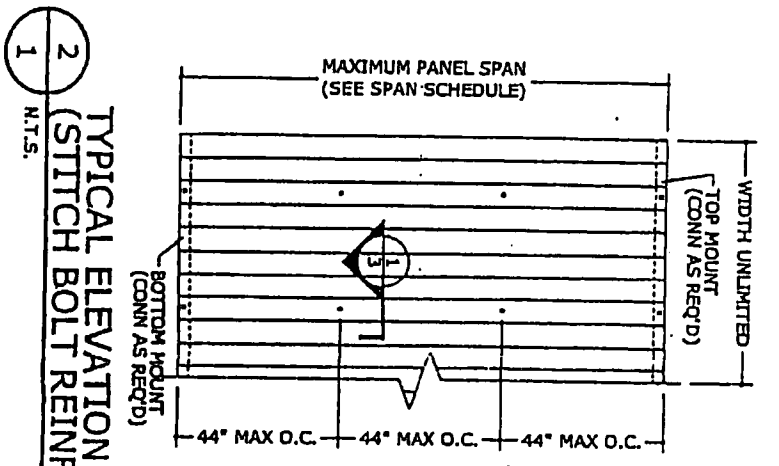
5 "h" HEADER
6" = 1'-0"



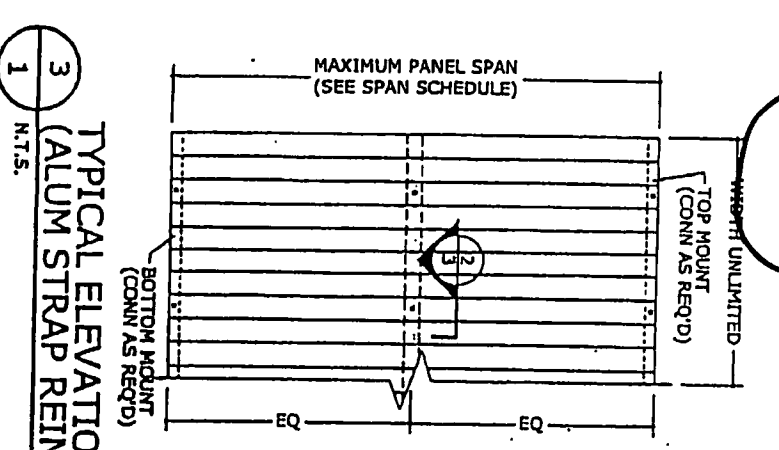
6 "U" HEADER
6" = 1'-0"



1 TYPICAL ELEVATION (NO PANEL REINF)
1 N.T.S.



2 TYPICAL ELEVATION (STITCH BOLT REINF)
1 N.T.S.



3 TYPICAL ELEVATION (ALUM STRAP REINF)
1 N.T.S.

GENERAL NOTES:

- 1) THIS SYSTEM HAS BEEN TESTED AND EVALUATED AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE FOR USE WITHIN & OUTSIDE THE HIGH VELOCITY HURRICANE ZONE PER TESTING APPLICATION STANDARDS TAS 201, TAS 202, & TAS 203.
- 2) NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR CD=1.6 HAS BEEN USED IN WOOD ANCHOR DESIGN.
- 3) POSITIVE AND NEGATIVE DESIGN PRESSURES TO BE USED WITH THESE DRAWINGS SHALL BE DETERMINED BY OTHERS FOR SPECIFIC JOBS IN ACCORDANCE WITH THE GOVERNING CODE.
- 4) THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN CONJUNCTION WITH THIS DOCUMENT.
- 5) PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND NEW SUPERIMPOSED LOADS.
- 6) ALL ALUMINUM STORM PANELS SHALL HAVE A MINIMUM THICKNESS t=0.060" AND SHALL BE 5052-H32 OR 3004-H34 ALLOY, WITH MIN Fy=25 KSI.
- 7) ALL EXTRUSIONS SHALL BE 6063-T5 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
- 8) PANELS SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER PANEL CONTAINING THE FOLLOWING:
FOLDING SHUTTER CORP, WEST PALM BEACH, FL
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
EACH OPERING SHALL ALSO HAVE A LEGIBLE AND READILY VISIBLE DECAL OF PRINTED INSTRUCTIONS INDICATING THE MANDATORY USE OF REINFORCEMENTS (ALUMINUM STRAP AT MIDSPAN OR ROWS OF JACK NUTS AT LAP JOINTS) DURING PERIODS OF HURRICANE WARNING.
- 9) STORM PANELS HAVE BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS AND CORRESPONDING LOADS SHOWN HEREIN.
- 10) TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE. PANELS MAY BE MOUNTED VERTICALLY OR HORIZONTALLY AS APPLICABLE.
- 11) USE OF KEYHOLE WASHERS IS OPTIONAL IN CONJUNCTION WITH ANY MOUNTING CONDITION. ALL WASHERED WINGNUTS SHALL HAVE 0.865" MINIMUM WASHER DIAMETER.
- 12) ALL BOLTS & WASHERS SHALL BE ALUMINUM (ALLOY 2024-T4 OR 7075-T6) OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 60 KSI.
- 13) ALL STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE GALVANIZED OR GIVEN ONE COAT OF ZINC CHROMATE PRIMER.

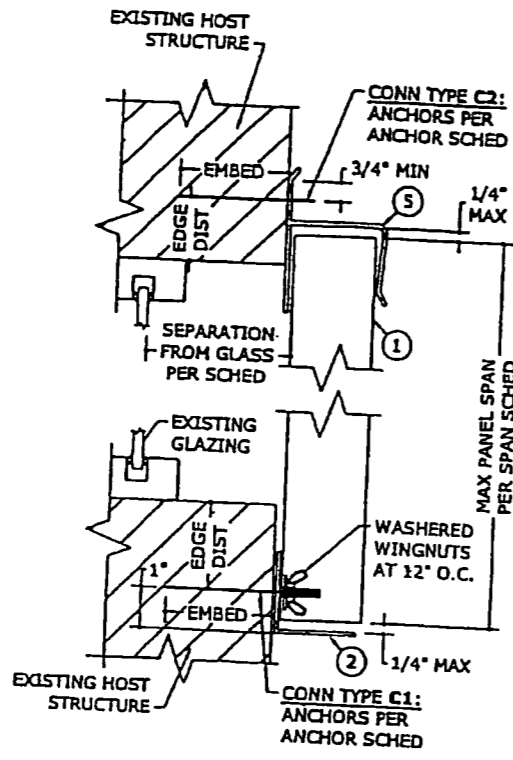
FOLDING SHUTTER CORP
7089 HEMSTREET PLACE
WEST PALM BEACH, FL 33413
www.foldingshutters.com
"TITAN" 0.060" ALUMINUM STORM PANEL
FLORIDA STATE PRODUCT APPROVAL

FRANK L. BENNARDO, P.E.
CONSULTING ENGINEER
4441 N. DIXIE HIGHWAY
BOCA RATON, FL 33497
PH: (561) 391-2888 FAX: (561) 391-2862
CERTIFICATE OF AUTHORIZATION
ENGINEERING EXPRESS

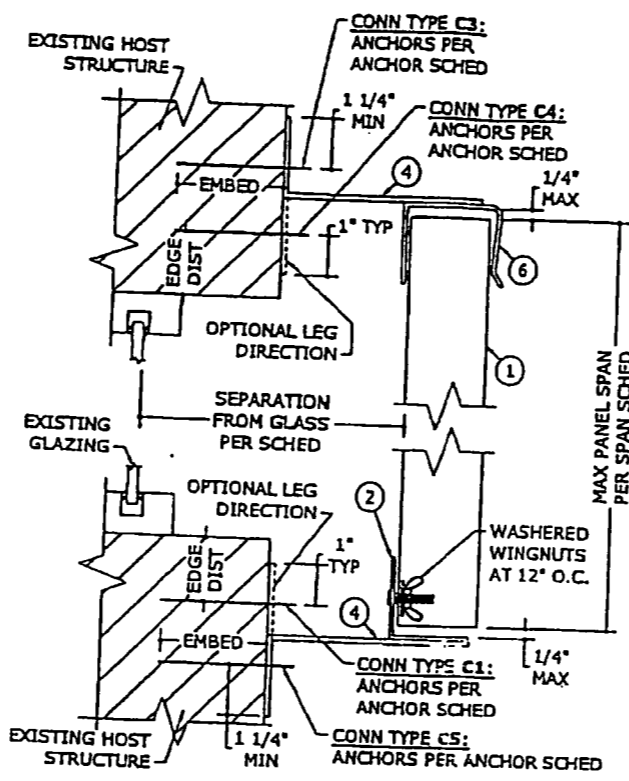
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01	3/2/2006	CL	FLB

06-FSC-0007
SCALE: AS SHOWN
ZAGOR DESIGNS/STATION: 101

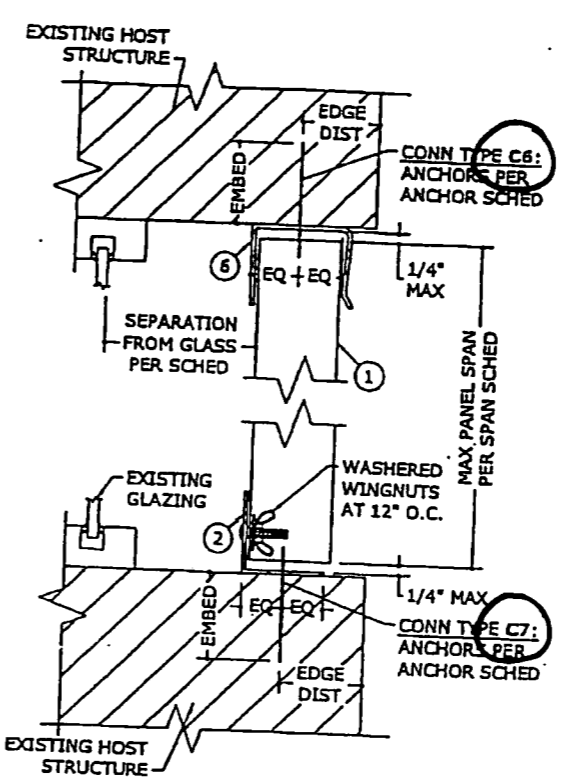
F301 Project Manufacturing Shutter Corp (FSC) 12/06 Jobsite-FSC-0007 Alum Storm Panel (FSA) 03/08 Alum Storm Panel (FSA) 03/08
 03/08/2008 - 1200mm



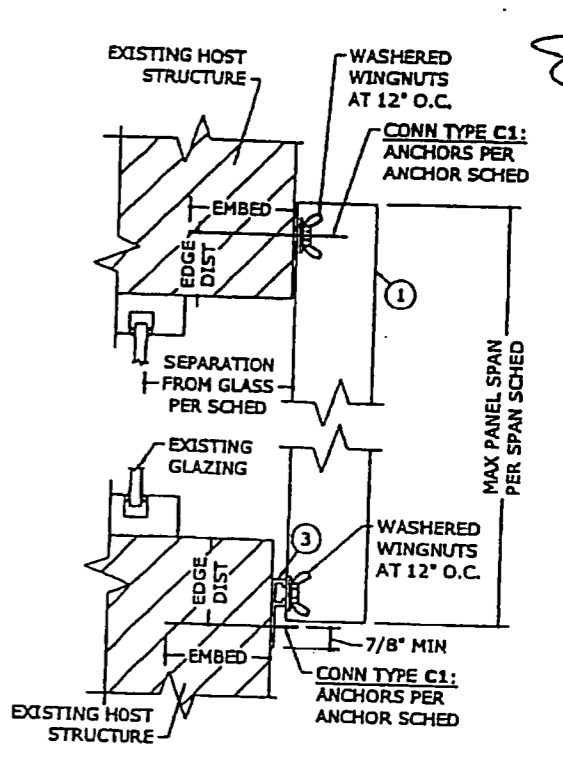
1 "h" HEADER - STUD ANGLE (WALL)
2 3" = 1'-0" MOUNTING SECTION



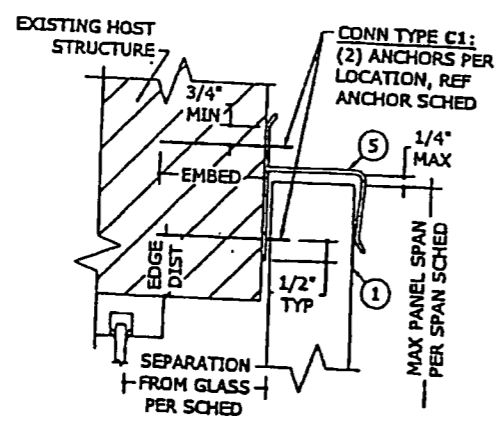
2 BUILDOUT "U" HEADER - BUILDOUT STUD ANGLE
2 3" = 1'-0" MOUNTING SECTION



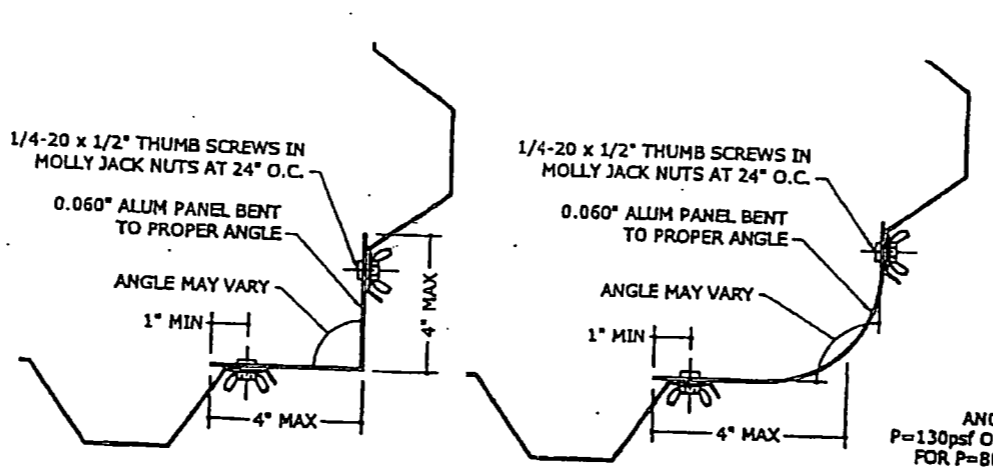
3 "U" HEADER - STUD ANGLE (TRAP)
2 3" = 1'-0" MOUNTING SECTION



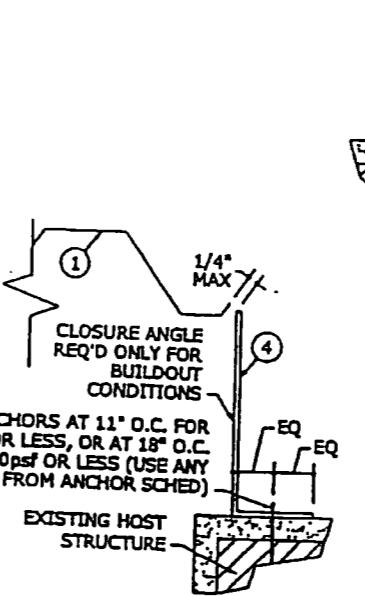
4 DIRECT MOUNT - "F" TRACK
2 3" = 1'-0" MOUNTING SECTION



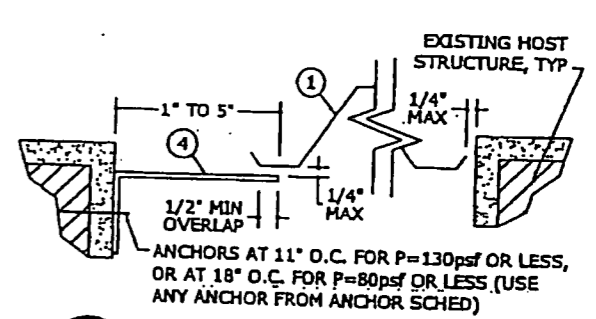
1 ALTERNATE "h" HEADER MOUNT
2 3" = 1'-0" MOUNTING SECTION



6 CORNER CLOSURES
2 N.T.S. PLAN VIEW



7 BUILD-OUT CLOSURE
2 3" = 1'-0" PLAN VIEW



8 TRAP MOUNT CLOSURE
2 3" = 1'-0" PLAN VIEW

FRANK L. BERNARDO, P.E.
FD0046549

03/03/2008

FRANK L. BERNARDO, P.E., INC.
 CONSULTING ENGINEERS
 4441 N. DIXIE HIGHWAY
 BOCA RATON, FL 33431
 PH: (561) 391-2168 FAX: (561) 391-2862
 CERTIFICATE OF AUTHORITY #9861

ENGINEERING EXPRESS
 WWW.ENGRXP.COM

FOLDING SHUTTER CORP
 7089 HEMSTREET PLACE
 WEST PALM BEACH, FL 33413
 WWW.FOLDINGSHUTTERS.COM

"TITAN" 0.060" ALUMINUM
 STORM PANEL
 FLORIDA STATE PRODUCT APPROVAL

REV	DATE	BY	CHKD	DESCRIPTION
1	3/2/2008			

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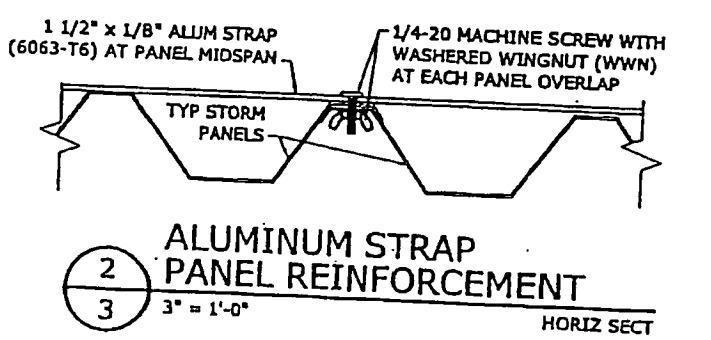
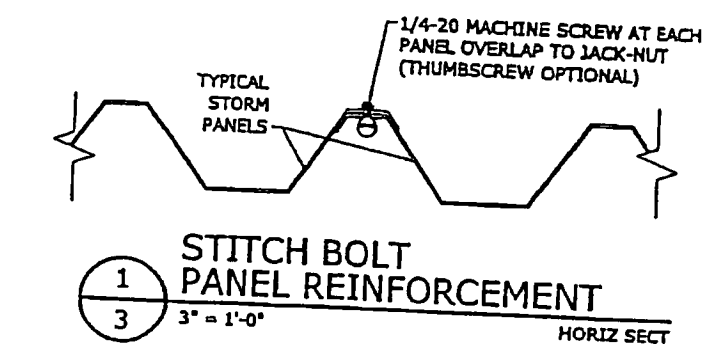


TABLE 1
MAX SPAN SCHEDULE

POSITIVE OR NEGATIVE LOADS (PSF)	MAX. PANEL SPAN FOR POSITIVE LOAD	MAX. PANEL SPAN FOR NEGATIVE LOAD
45.33	10'-4"	10'-10"
50.0	10'-0"	10'-7"
55.0	9'-9"	10'-2"
60.0	9'-6"	9'-10"
65.0	9'-3"	9'-8"
70.0	9'-0"	9'-5"
74.0	8'-10"	9'-2"
75.0	8'-10"	9'-1"
78.0	8'-10"	9'-0"
80.0	8'-9"	8'-9"
85.0	8'-3"	8'-3"
90.0	7'-9"	7'-8"
95.0	7'-4"	7'-4"
99.33	7'-0"	7'-1"
100.0	7'-0"	7'-0"
105.0	6'-8"	6'-8"
110.0	6'-4"	6'-4"
115.0	6'-1"	6'-1"
120.0	5'-10"	5'-10"
125.0	5'-7"	5'-7"
130.0	5'-5"	5'-5"

TABLE 2
MIN GLASS SEPARTION SCHEDULE

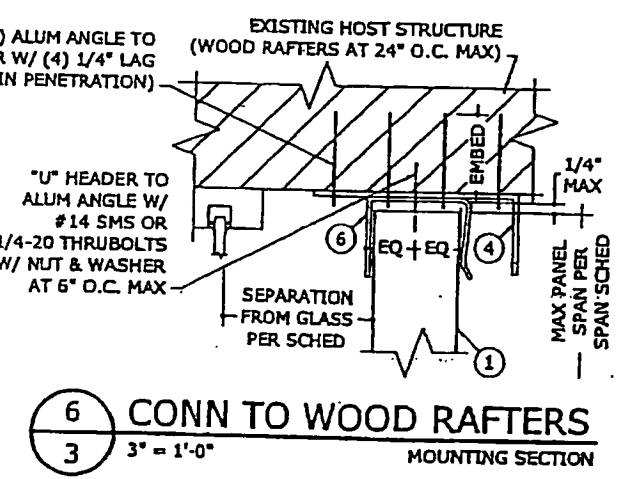
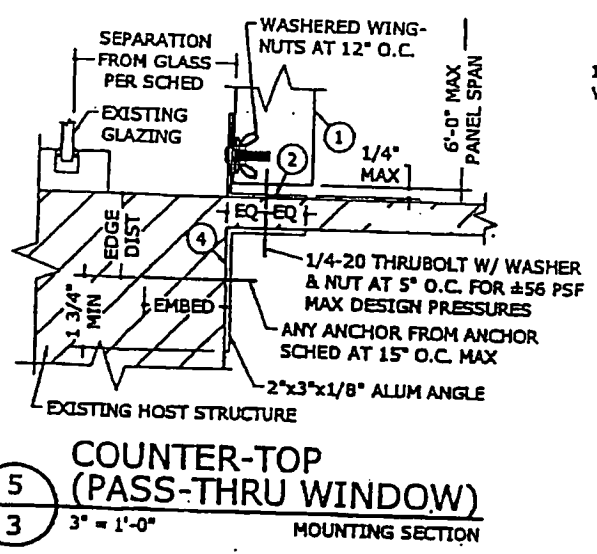
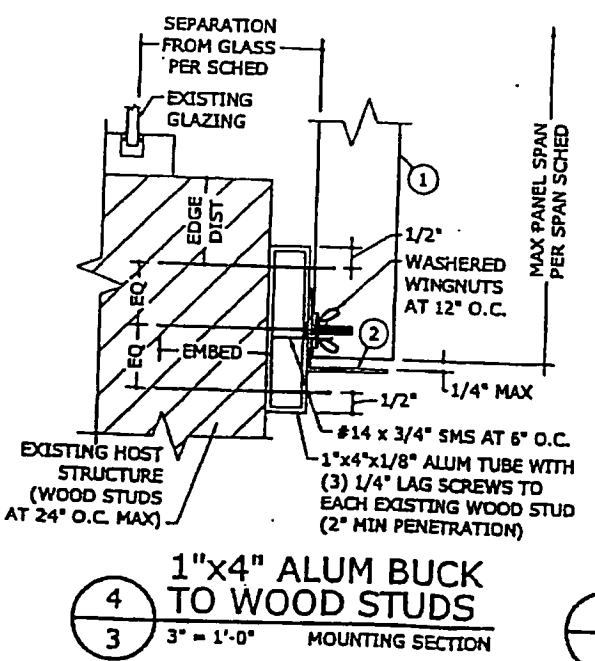
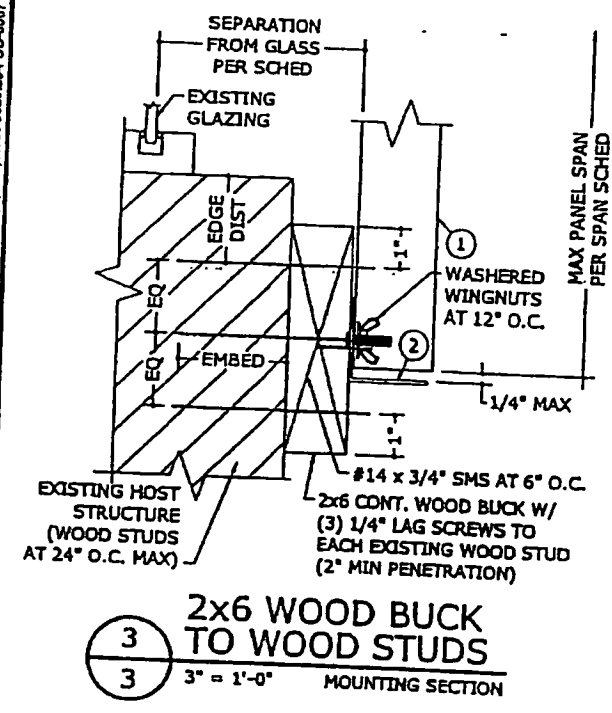
POSITIVE DESIGN LOADS (PSF)	SPAN	MIN. SEPARATION FOR INSTALLATIONS < 30FT ABOVE GRADE	MIN. SEPARATION FOR INSTALLATIONS > 30FT ABOVE GRADE
40	5'-5"	2.38"	1.13"
	6'-1"	2.61"	1.86"
	10'-10"	3.50"	3.13"
50	5'-5"	2.38"	1.17"
	6'-1"	2.61"	1.83"
	10'-10"	3.69"	3.69"
60	5'-5"	2.38"	1.21"
	6'-1"	2.61"	2.04"
	10'-10"	4.37"	4.37"
70	5'-5"	2.38"	1.26"
	6'-1"	2.61"	2.27"
	10'-10"	5.11"	5.11"
80	5'-5"	2.38"	1.28"
	6'-1"	2.61"	2.39"
	10'-10"	5.48"	5.48"
90	5'-5"	2.38"	1.33"
	6'-1"	2.66"	2.66"
	10'-10"	6.35"	6.35"
100	5'-5"	2.38"	1.39"
	6'-1"	2.96"	2.96"
	10'-10"	7.31"	7.31"

SPAN SCHEDULE NOTES:

- SPANS SHOWN IN "MAX SPAN SCHEDULE" ABOVE ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE. THIS SCHEDULE MAY BE USED FOR ALL PANELS MOUNTED WITH ANY COMBINATION OF EXTRUSIONS OR DIRECTLY TO HOST STRUCTURE.
- TABLES ABOVE ARE VALID FOR PANELS MOUNTED HORIZONTALLY OR VERTICALLY.
- FOR DESIGN LOADS BETWEEN TABULATED VALUES USE NEXT HIGHER LOAD, OR LINEAR INTERPOLATION MAY BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER TO DETERMINE ALLOWABLE SPANS.

GLASS SEPARATION SCHEDULE NOTES:

- MINIMUM DISTANCE BETWEEN GLAZING AND STORM PANELS NOTED ABOVE APPLIES TO ALL MOUNTING CONDITIONS, UNLESS NOTED OTHERWISE.
- FOR DESIGN LOADS & SPANS BETWEEN TABULATED VALUES USE NEXT HIGHER VALUE, OR LINEAR INTERPOLATION MAY BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER TO DETERMINE MINIMUM SEPARATION FROM GLASS.



F-301 Project Manufacturing Shutter Corp (FSC) 2006 Jobs 106-FSC-0007, 0.060" Alum Storm Panel (FSA) Job
 COMPANY: TALLON

FRANK L. BENNARDO, P.E.
PED046549

03/03/2006

FRANK L. BENNARDO, P.E., INC.
CONSULTING ENGINEERS
4441 N. DIXIE HIGHWAY
BOCA RATON, FL 33431
PH: (561) 391-2868 FAX: (561) 391-2862
CERTIFICATE OF AUTHORIZATION # 00000000

ENGINEERING EXPRESS
WWW.ENGBXP.COM

FOLDING SHUTTER CORP
7089 HEMSTREET PLACE
WEST PALM BEACH, FL 33413
WWW.FOLDINGSHUTTERS.COM

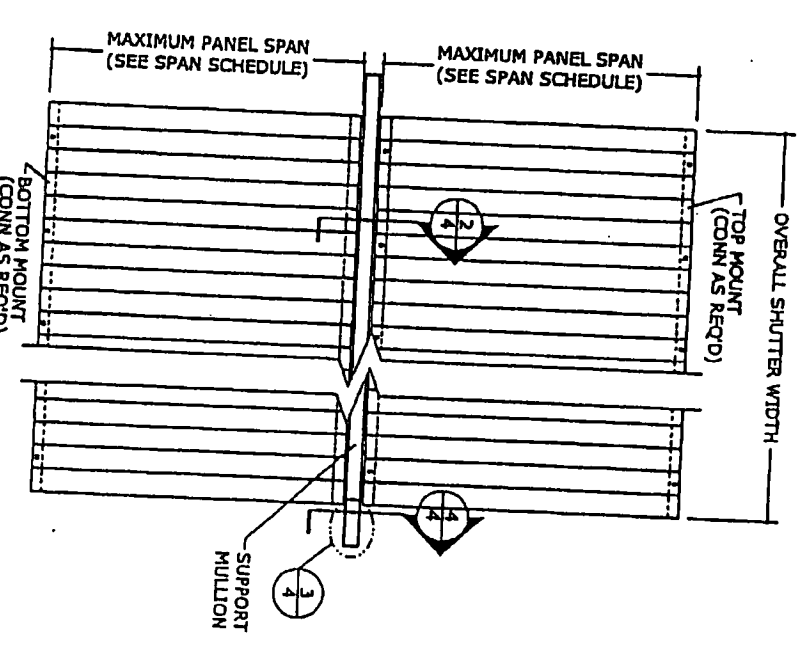
"TITAN" 0.060" ALUMINUM
STORM PANEL
FLORIDA STATE PRODUCT APPROVAL

REV	DATE	BY	CHK	DESCRIPTION

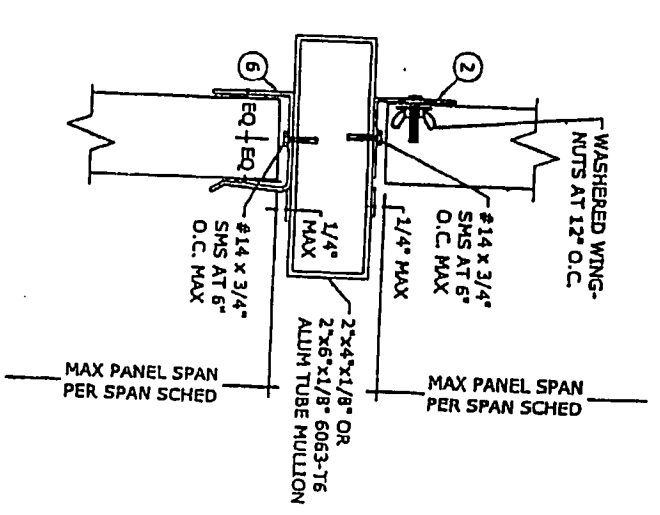
COPYRIGHT FRANK L. BENNARDO P.E.

06-FSC-0007
SCALE: 1" = 1'-0"
PAGE DESCRIPTION: 01

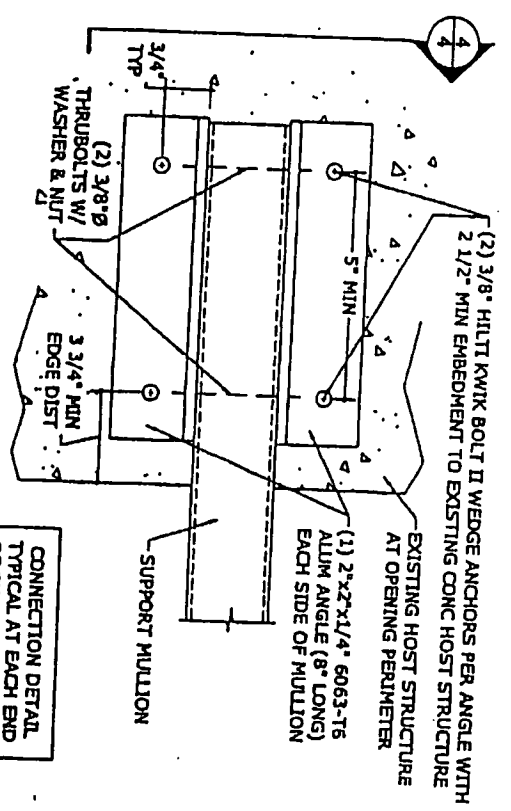
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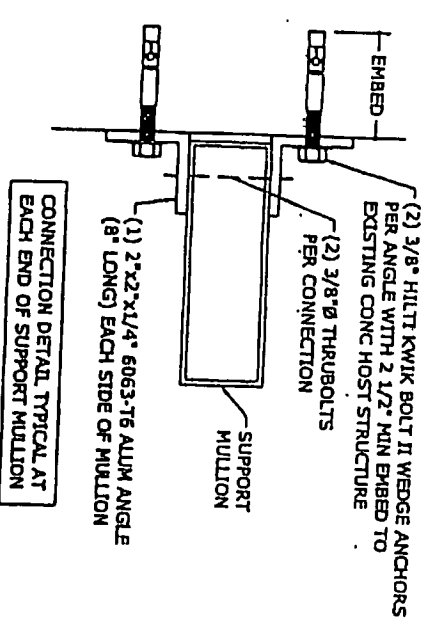
1 TYPICAL ELEVATION (SUPPORT MULLION) N.T.S.



2 PANEL CONNECTION TO SUPPORT MULLION MOUNTING SECTION 3" = 1'-0"



3 MULL CONNECTION TO HOST STRUCTURE EXTER ELEVATION N.T.S.



4 MULL CONNECTION TO HOST STRUCTURE VERT SECTION N.T.S.

TABLE 3 MULLION SPAN SCHEDULE

PANEL SPAN	DESIGN PRESSURE	BEAM SPAN
65" (5'-5")	40 PSF	84.3" (7'-1")
90" (7'-6")		79.5" (6'-7")
130" (10'-10")		70.3" (5'-10")
65" (5'-5")	55 PSF	80.0" (6'-7")
90" (7'-6")		71.8" (5'-11")
130" (10'-10")		60.0" (4'-11")
65" (5'-5")	70 PSF	73.8" (6'-1")
90" (7'-6")		63.9" (5'-3")
130" (10'-10")		53.2" (4'-5")
65" (5'-5")	40 PSF	125.1" (10'-5")
90" (7'-6")		112.1" (9'-4")
130" (10'-10")		95.1" (7'-11")
65" (5'-5")	55 PSF	112.5" (9'-4")
90" (7'-6")		97.4" (8'-1")
130" (10'-10")		81.5" (6'-9")
65" (5'-5")	70 PSF	101.4" (8'-5")
90" (7'-6")		86.5" (7'-3")
130" (10'-10")		72.4" (6'-0")

MULLION SPAN SCHEDULE NOTES:

1. BEAM SPANS SHOWN IN SCHEDULE ABOVE ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE AND PANEL SPAN.
2. TABLES ABOVE ARE VALID FOR PANELS MOUNTED HORIZONTALLY OR VERTICALLY, WITH BEAM SPAN ALWAYS PERPENDICULAR TO PANEL SPAN.
3. FOR DESIGN LOADS OR PANEL SPANS BETWEEN TABULATED VALUES USE NEXT HIGHER LOAD AND/OR SPAN, OR LINEAR INTERPOLATION MAY BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER TO DETERMINE ALLOWABLE BEAM SPANS.

FOLDING SHUTTER CORP
 7089 HEMSTREET PLACE
 WEST PALM BEACH, FL 33413
 www.foldingshutters.com
 "TITAN" 0.060" ALUMINUM
 STORM PANEL
 FLORIDA STATE PRODUCT APPROVAL

FRANK L. BENNARDO, P.E., INC.
 CONSULTING ENGINEERS
 4441 N. DIXIE HIGHWAY
 BOCA RATON, FL 33431
 PH: (561) 391-2888 FAX: (561) 391-2862
 CERTIFICATE OF AUTHORIZATION: #9988
 ENGINEERING EXPRESS
 WWW.ENGGXP.COM

DATE	3/2/2006
CHKD	FLB
DRWN	CL
REVISIONS	
NO. 1	DATE
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NO. 100	DATE



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Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL # FL6423-R1
 Application Type Revision
 Code Version 2004
 Application Status Approved
 Comments
 Archived

Product Manufacturer Folding Shutter Corporation
 Address/Phone/Email 7089 Hemstreet Place
 West Palm Beach, FL 33413
 (561) 683-4811
 gary@foldingshutters.com

Authorized Signature Frank Bennardo
 clangley@flbengineering.com

Technical Representative
 Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Shutters

Subcategory

Storm Panels

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer
Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Frank L. Bennardo, P.E.

Florida License

PE-0046549

Quality Assurance Entity

PFS Corporation

Validated By

Jorge A. Pomerantz, P.E.

Certificate of Independence

FL6423_R1_COI_Cert_Indep.pdf

Referenced Standard and Year (of Standard)

Standard

Year

TAS 201

1994

TAS 202

1994

TAS 203

1994

Equivalence of Product Standards Certified By

Sections from the Code

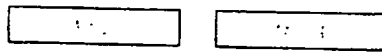
Product Approval Method

Method 1 Option D

Date Submitted 09/22/2006
 Date Validated 11/22/2006
 Date Pending FBC Approval 11/16/2006
 Date Approved 11/27/2006

Summary of Products

FL #	Model, Number or Name	Description
6423.1	Titan 0.060" Storm Panel	Titan 0.060" Aluminum Storm Panel
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See engineering drawings for design limitations (allowable spans, mounting conditions, anchor options, etc.)		Installation Instructions FL6423_R1_II_Dwg_0007_01c.pdf Verified By: Frank L. Bennardo, P.E. PE0046549 Evaluation Reports FL6423_R1_AE_Eval_Report.pdf FL6423_R1_AE_Test_Reports.pdf



DCA Administration

Department of Community Affairs
 Florida Building Code Online
 Codes and Standards
 2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100
 (850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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Product Approval Accepts:



Product Evaluation Report

November 10, 2006

Application Number: FL-6423
FLB Project Number: 06-FSC-0007

Product Manufacturer: Folding Shutter Corporation
Manufacturer Address: 7089 Hemstreet Place
West Palm Beach, FL 33413

Product Name & Description: Titan 0.060" Aluminum Storm Panels

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Community Affairs (Florida Building Commission) Rule Chapter 9B-72.070, F.A.C., for statewide acceptance per Method 1(d). All products listed above have been tested and/or evaluated as summarized herein to show compliance with the 2004 Florida Building Code with 2006 Supplements and are, for the purpose intended, at least equivalent to that required by the Code. Re-evaluation of this product shall be required following pertinent Florida Building Code modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

FLB drawing #06-FSC-0007 titled "Titan 0.060" Aluminum Storm Panels", sheets 1-5, prepared by Frank L. Bennardo, P.E., Inc., signed & sealed by Frank L. Bennardo, P.E. is an integral part of this Evaluation Report.

- **TEST REPORTS**

Uniform static structural performance has been tested in accordance with TAS 202 test standards per test report(s) #94-85 by Hurricane Engineering & Testing, Inc. (HETI) and per test report(s) #0143-0805-97 & #0143-1217-97 by Hurricane Test Laboratory (HTL).

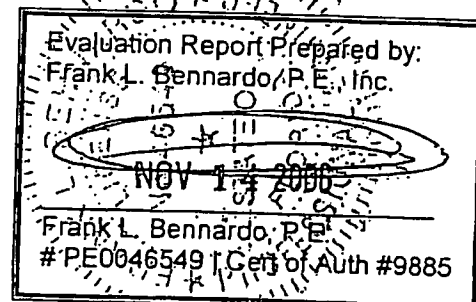
Large missile impact resistance and cyclic loading performance have been tested in accordance with TAS 201 & 203 test standards per test report(s) #94-86 & #98-723 by Hurricane Engineering & Testing, Inc. (HETI) and per test report(s) #0143-0805-97 & #0143-1217-97 by Hurricane Test Laboratory (HTL).

Metal tensile capacity has been determined in accordance with ASTM E8 test standard per test report #95-T88 by Hurricane Engineering & Testing, Inc. (HETI).

- **STRUCTURAL ENGINEERING CALCULATIONS**

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Maximum Allowable Spans
2. Minimum Glass Separation
3. System Porosity
4. Anchor Spacing



No 33% increase in allowable stress has been used in the design of each product.

When installed outside the HVHZ, this system has been designed as a non-porous assembly as defined in the ASTM E1996-02 standard. Therefore, a minimum separation between the shutter and any glazing behind it is NOT required outside the HVHZ.

Impact Resistance:

Large Missile Impact Resistance has been demonstrated as evidenced in previously listed test reports, and is accounted for in the engineering design of this product.

Wind Load Resistance

Each product has been designed to resist wind loads as indicated in the span schedule(s) on its respective Product Evaluation Document (i.e. engineering drawing).

Installation

Each product listed above shall be installed in strict compliance with its respective Product Evaluation Document (i.e. engineering drawing), along with all components noted therein.

Each product component shall be of the material specified in that product's respective Product Evaluation Document (i.e. engineering drawing).

Limitations & Conditions of Use:

Use of each product shall be in strict accordance with its respective Product Evaluation Document (i.e. engineering drawing) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product's respective anchor schedule. Host structure conditions which are not accounted for in each product's respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times.

Each product has been designed for use within and outside the High Velocity Hurricane Zone (HVHZ).



TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

IMPACT PROTECTION INSTALLATION AFFIDAVIT

BLDG. PERMIT NUMBER: 8686

JOB SITE ADDRESS: 36 S. River Rd, Sewalls Point, FL 34996

CONTRACTOR/OWNER: Folding Shutter Corporation

PHONE NUMBER: 501-683-4811

QUALIFIER NAME: Kevin R. Hemstreet

LICENSE NUMBER: SP00839

I Kevin R. Hemstreet V.P. do hereby affirm:

Owner or Contractor - Please print name

The following impact protection was used as per the 2004 FBC 1609.1.4 for all exterior glazed openings at the above referenced job site.

Impact Resistant Glass

Approved Shutters

That I personally observed the complete installation of all hurricane panel/shutters on the above referenced project and further affirm that they are fitted properly for the openings they are intended to protect.

Date: _____

Signature of Owner or Contractor

Sworn to and subscribed before me this

31 Day of August 2007

By Kevin R. Hemstreet

Kristina L. Boggs
Notary Public, State of Florida Notary Seal/Stamp

NOTARY PUBLIC-STATE OF FLORIDA
Kristina L. Boggs
Commission # DD491647
Expires: JAN. 02, 2010
Bonded Thru Atlantic Bonding Co., Inc.

Personally known to me

Produced ID _____

Type _____

Sewall' Point Building Department will inspect the structural attachment of the panel rails and/or the shutter assembly attachment to the building, per the manufacturer's product approvals, ASCE 7-02 and the 2004 Florida Building code at final inspection.

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: Mon Wed Fri 9-7, 2007

Page 1 of 1

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
8145	Geisinger	A/C rough	PASS	
5	8 Castle Hill O/B	Electric rough	FAIL	INSPECTOR: <i>[Signature]</i>
8683	Rope	tie back	PASS	
1	124 S Sewalls Blue Water Marine			INSPECTOR: <i>[Signature]</i>
8684	Schnabel	tie back	PASS	
1	1225 Sewalls Blue Water Marine			INSPECTOR: <i>[Signature]</i>
8686	Gerson / ALAWI	Final	PASS	CLOSE
3	36 S River Rd Folding Shutter	(XXXXXXXXXXXXXXXXXXXX)		INSPECTOR: <i>[Signature]</i>
8535	Stark	slab	FAIL	
2	87 S River Rd Emil LaViola	wall	PASS	INSPECTOR: <i>[Signature]</i>
8513	Subin	Final - (porch)	PASS	CLOSE
11 AM 7	8 Palm Rd Driftwood	228-0089		INSPECTOR: <i>[Signature]</i> 334-2577
8698	Sinton	gas line	PASS	
6	33 N River Rd O/B	V.G.		INSPECTOR: <i>[Signature]</i>
OTHER: 8702	McCravy	dry-in	PASS	
4	22 Palmetto Latitude 27			INSPECTOR: <i>[Signature]</i>

TREE



TOWN OF SEWALL'S POINT BUILDING DEPARTMENT

One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

OK

TREE REMOVAL, RELOCATION, REPLACEMENT PERMIT

CALL 8:00 AM - 12:00 NOON FOR INSPECTION - WORK HOURS 8:00 AM TO 5:00 PM - NO SUNDAYS

Owner Carol Gesser + Anis Akrawi Address [REDACTED] Phone 221-8357

Contractor Tropical Art Landscaping Address _____ Phone _____

No. of Trees: REMOVE 1 Species: palm (Queen or Royal)

No. of Trees: RELOCATE _____ Species: _____

No. of Trees: REPLACE _____ Species: _____

ANY TREE TO BE RELOCATED OR REPLACED MUST OCCUR WITHIN 30 DAYS AND REQUIRES A FINAL INSPECTION

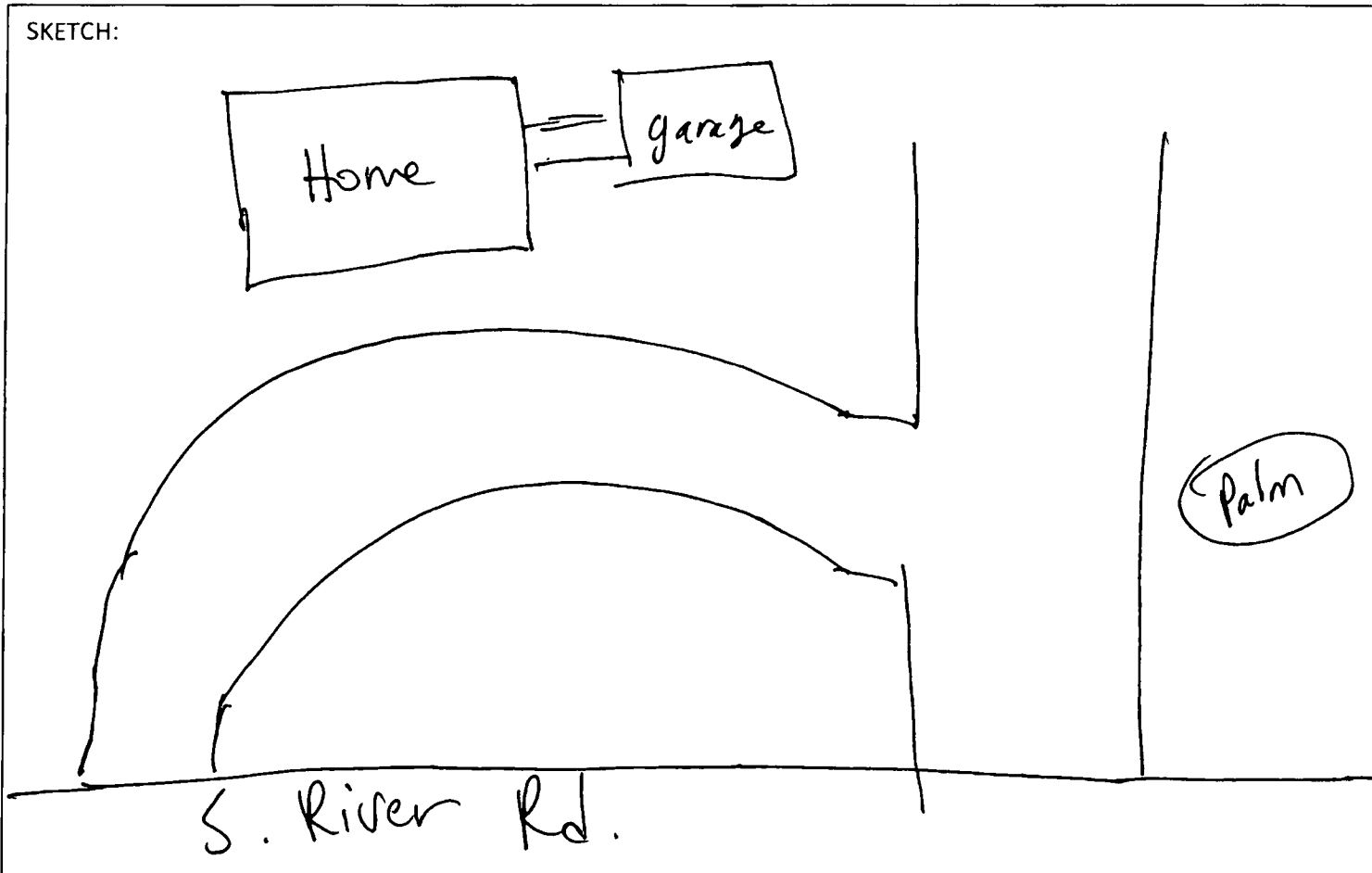
Reason for tree removal /relocation (See notice above) Palm is dead / dying

Signature of Property Owner Carol G. Gesser Date _____

Approved by Building Inspector: [Signature] Date 7/3/08 Fee: -

NOTES: _____

SKETCH:





TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
 One S. Sewall's Point Road
 Sewall's Point, Florida 34996
 Tel 772-287-2455 Fax 772-220-4765

OK

TREE REMOVAL, RELOCATION, REPLACEMENT PERMIT

CALL 8:00 AM – 12:00 NOON FOR INSPECTION - WORK HOURS 8:00 AM TO 5:00 PM – NO SUNDAYS

Owner Carol Gesser + Anis Akrawi Address 36 S. River Rd. Phone 221-8357

Contractor Tropical Art Landscaping Address _____ Phone _____

No. of Trees: REMOVE 1 Species: palm (Queen or Royal)

No. of Trees: RELOCATE _____ Species: _____

No. of Trees: REPLACE _____ Species: _____

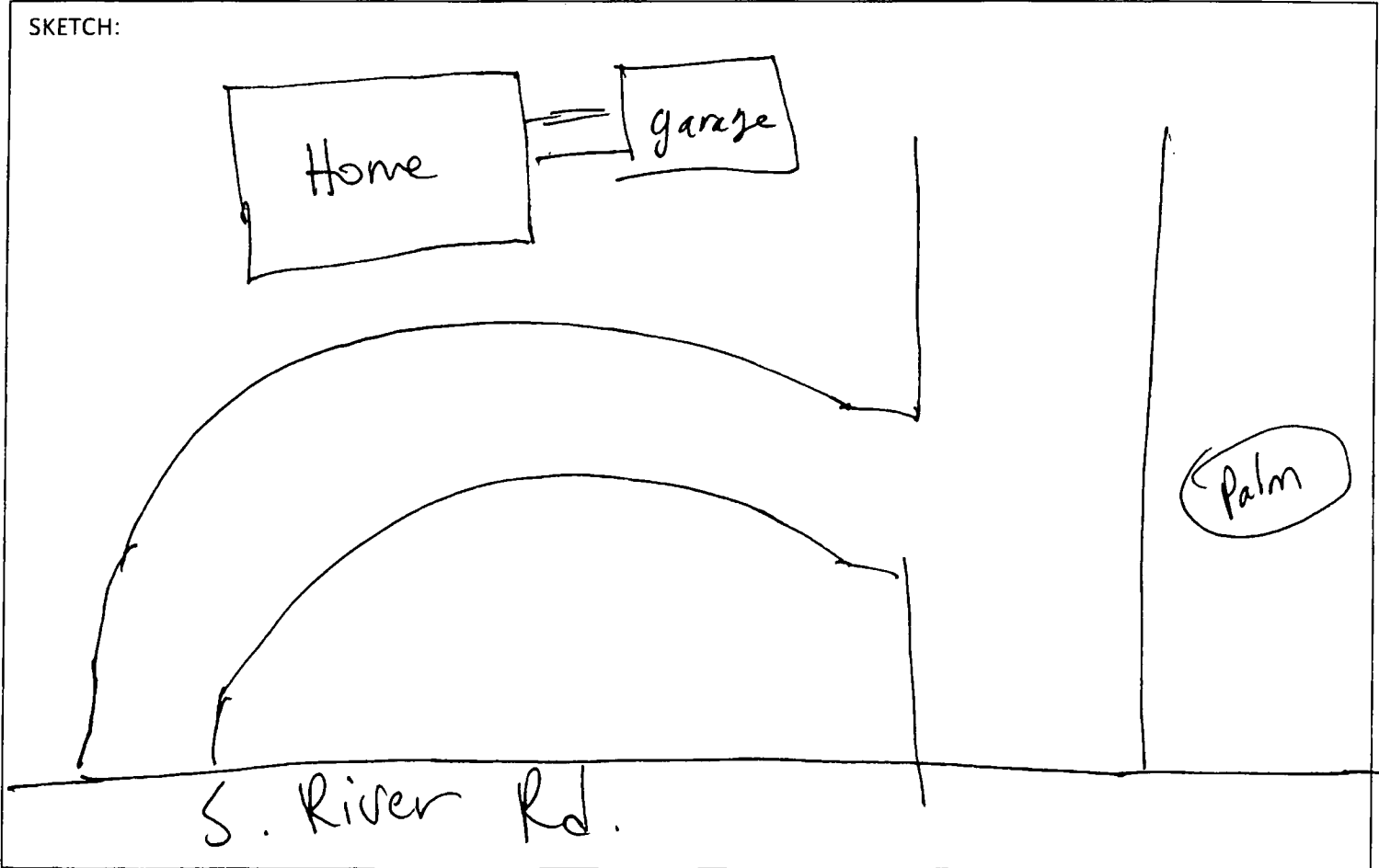
ANY TREE TO BE RELOCATED OR REPLACED MUST OCCUR WITHIN 30 DAYS AND REQUIRES A FINAL INSPECTION

Reason for tree removal /relocation (See notice above) Palm is dead / dying

Signature of Property Owner Carol Gesser Date _____

Approved by Building Inspector: [Signature] Date 7/3/08 Fee: —

NOTES: _____



OR



TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

TREE REMOVAL, RELOCATION, REPLACEMENT PERMIT

CALL 8:00 AM - 12:00 NOON FOR INSPECTION - WORK HOURS 8:00 AM TO 5:00 PM - NO SUNDAYS

Owner Carol Gesser Address 36 S. River Rd. Phone 221-8357 CH

Contractor _____ Address _____ Phone _____

No. of Trees: REMOVE 1 Species: Laurel oak??

No. of Trees: RELOCATE _____ Species: _____

No. of Trees: REPLACE _____ Species: _____

ANY TREE TO BE RELOCATED OR REPLACED MUST OCCUR WITHIN 30 DAYS AND REQUIRES A FINAL INSPECTION

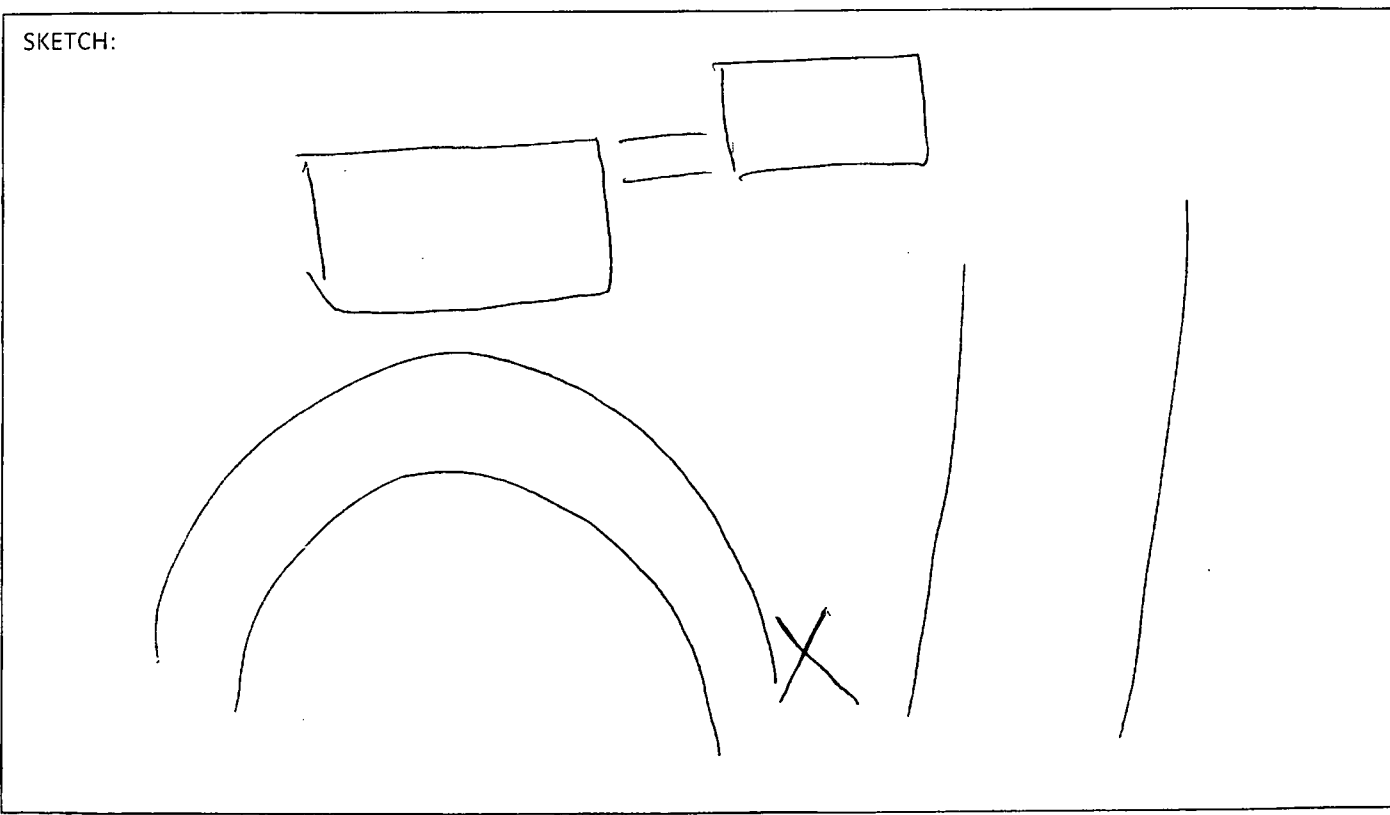
ALL VEGETATIVE DEBRIS MUST BE REMOVED FROM THE PROPERTY

Reason for tree removal /relocation (See notice above) dead

Signature of Property Owner Carol J Gesser Date _____

Approved by Building Inspector: [Signature] Date 10-4-12 Fee: N/C

NOTES: _____





TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
 One South Sewall's Point Road
 Sewall's Point, Florida 34996
 Tel 772-287-2455 Fax 772-220-4765



TREE CITY USA

Since 1990,
 Sewall's Point
 has proudly been
 designated a
 "Tree City USA"

TREE REMOVAL, RELOCATION, REPLACEMENT PERMIT

WORK PERMITTED FROM 8:00 AM TO 5:00 PM - NO SUNDAYS

Owner Anis Y. Akrawi
Carol L. Gesser Address 36 S. River Road Phone #: 772-221-8357

Contractor Jose A. Perez
Tropical Art Landscaping Address 2390 SW Wynewood St., Port St. Lucie, 34953 Phone 772-336-3227

No. of Trees REMOVE 5 Species: 4 Queen palms Caliper @ 4' above soil ___ (inches) Height 25+ (ft.) (fan palm 15+)

No. of Trees RELOCATE ___ Species: 1 Chinese Fan palm Caliper @ 4' above soil ___ (inches) Height ___ (ft.)

No. of Trees REPLACE ___ Species: ___ Caliper @ 4' above soil ___ (inches) Height ___ (ft.)

REPLACED OR RELOCATED TREES MUST BE INSPECTED WITHIN 30 DAYS OF PERMIT ISSUANCE

ALL PROHIBITED SPECIES AND VEGETATIVE WASTE MUST BE REMOVED FROM PROPERTY

Reason for tree removal/relocation #1 Queen palm is dead. #3, 4, 5 are immature Queen palms that self-planted in the wrong places (foliage is hitting windows/gutter/roof). #2 Chinese Fan palm also grew from seed in wrong spot - too close to the house and an existing Queen palm

Signature of Property Owner Carol L. Gesser Date 4.4.16

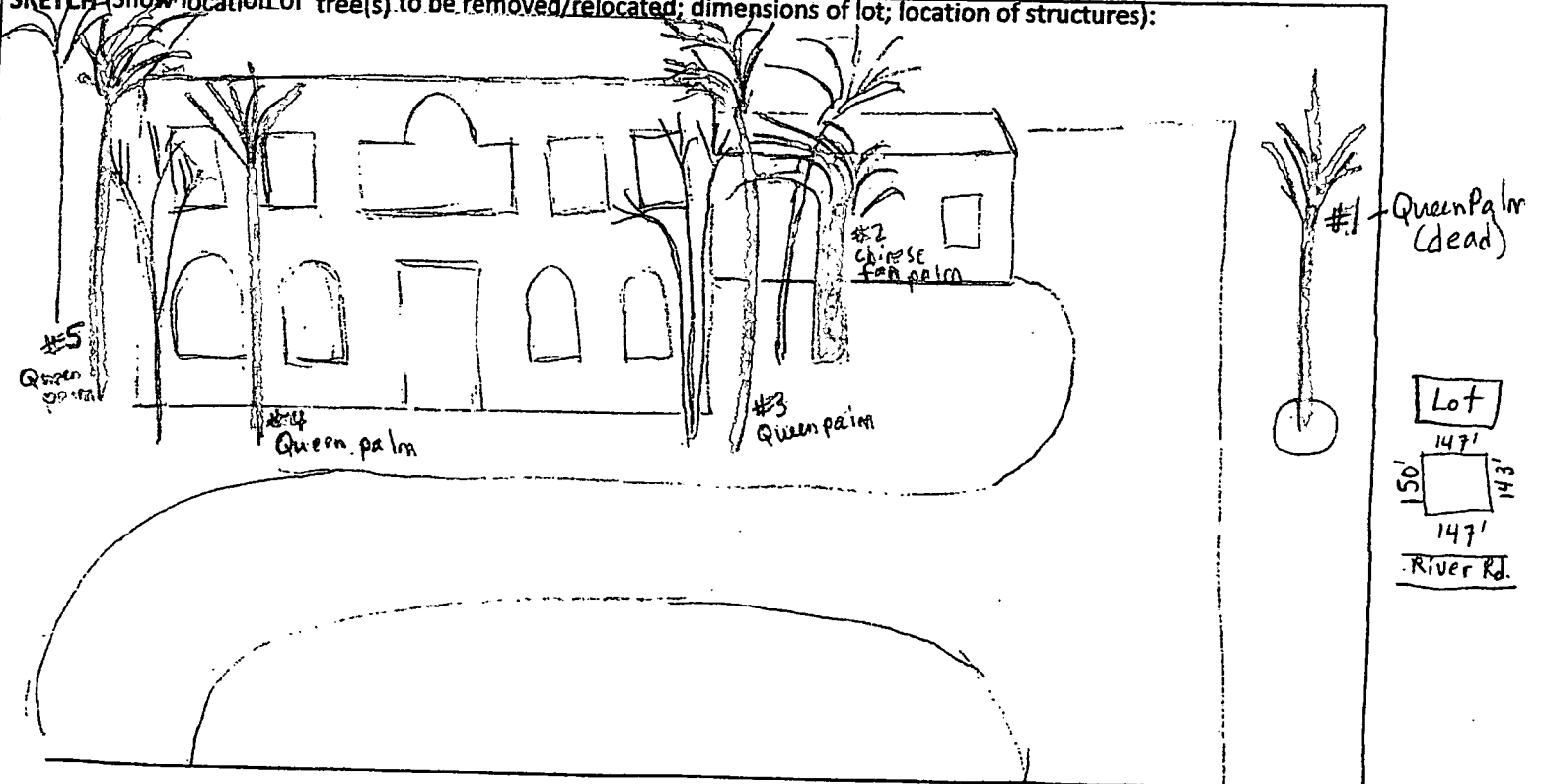
This space for Official Use only:
 Approved by Building Official: [Signature] Date 4.8.16 Fee: N/C

BUILDING INSPECTOR NOTES: _____

Minimum Tree Requirements Met On Property

Prohibited Species Identified for Removal

SKETCH (Show location of tree(s) to be removed/relocated; dimensions of lot; location of structures):



S. River Road (#36)