

BUILDING PLAN CHECK

ST. LUCIE COUNTY - FORT PIERCE FIRE PREVENTION BUREAU  
FORT PIERCE, FLORIDA  
TELEPHONE 465-6655

PLAN NUMBER County #1647

DATE RECEIVED 4-20-88

CONTRACTOR: New Construction Co. PHONE NUMBER: 878-2480

ARCHITECT: Rodney Axtman PHONE NUMBER: 335-5680

OWNER: FLORIDA TIRE RECYCLING

LOCATION: 10151 Range Line Rd.

TYPE OF OCCUPANCY: Factory/Industrial TYPE OF CONSTRUCTION: \_\_\_\_\_

SIZE OF BUILDING: \_\_\_\_\_ NUMBER OF FLOORS: \_\_\_\_\_

REQUIREMENTS: \_\_\_\_\_

1. Illumination of means of egress and emergency lighting required if building is occupied at night.
2. If there is more than 12,000 cubic feet of tires in entire building at any one time, the entire building shall be protected by an automatic sprinkler system.
3. A minimum of 15,000 gallon water tank for fire fighting with an approved fire hydrant shall be on site, tested and accepted before any final inspection is done on building.

CONTRACTORS RESPONSIBILITY TO NOTIFY BUREAU ON ALL INSPECTIONS

24 HOUR NOTICE REQUIRED ON ALL INSPECTIONS

REVIEWED BY: [Signature]  
SIGNATURE

DATE 4/25/88

A review of your submittal will be made for compliance with ST. LUCIE COUNTY Ordinance No. EC 87-03

ST. LUCIE COUNTY PERMIT APPLICATION

1188-0957

SITE PLAN  
FLORIDA TIRE RECYCLING

PERMIT NO. \_\_\_\_\_ (CODE # \_\_\_\_\_) SEWAGE PERMIT NO. 23116

APPLICATION FOR PERMIT TO CONSTRUCT 50' X 120' X 10' FOUNDATION STAL BLDG (WAREHOUSE)

JOB LOCATION/ADDRESS: 10151 RAUGE LINE RD. PSL 34987

LEGAL DESCRIPTION ATTACHED PARCEL (2)

(FLA TIRE RECYCLING INC.)

ROAD IMPACT: DISTRICT Mainland ZONE 3 FEE \$ 546.00 2/14/88

S/D \_\_\_\_\_ MAP # \_\_\_\_\_ FLOOD ZONE 7/A ELEV \_\_\_\_\_

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ UNIT \_\_\_\_\_ SEC 1 TWP 37 SO. RGE 38 E.

PROPERTY TAX ID # Part of 4201 113 0001 000/3

ZONE IH GMPP IH

LOT SIZE/DIMENSIONS 300' X 1170' X 696.98 X 273.47 X 671.87 X 96.33 EST COST \$125,000.00

SET BACKS: FRONT 60' REAR 940' SIDE 30' SIDE 150'

SQ FT BUILDING: LIVING AREA \_\_\_\_\_ ACCESSORY 6000

ARCHITECT: NAME RODNEY AXIMAN PHONE 335-5680

ADDRESS 1317 River Green Cir CITY Pt. St. Lucie ST FL ZIP 34952

CONTRACTOR: STATE REG/CERT # CGL-015735 COUNTY CERT # 8131

OK  
BH

NAME New Const. Co ADDRESS 8591 So US1

CITY Pt St Lucie STATE FL ZIP 34952 PHONE 878-2480

OWNER OF PROPERTY: NAME JACK WILSON / FL. TIRE RECYCLING INC

ADDRESS MIRAMAR ST PHONE 286-7229

CITY STUART STATE FL. ZIP 34957

STATE OF FLORIDA, COUNTY OF ST. LUCIE

Before me, the undersigned authority, personally appeared DENNIE H. NEW, who upon being duly sworn, deposes and says that the information contained in the foregoing application is true and correct.

DENNIE H. NEW  
Applicant

Sworn to and subscribed before me this 8 day of April, 1988

SCHOOL IMPACT FEES

Required  Yes  No

Amt. Pd \_\_\_\_\_

Date Pd \_\_\_\_\_

Notary Public, State of Florida at Large

My Commission expires: \_\_\_\_\_

Posted \_\_\_\_\_

CHECK LIST

PRJ 88-0957

Project Name: FLORIDA TIRE RECYCLING FOUNDATION (WAREHOUSE)

Architect: RODNEY AXIMAN Ph: 335-5680

Contractor: NEW CONST. CO. Ph: 878-2480

Owner: JACK WILSON/FL. TIRE RECYCLING INC. Ph: 286-7229

Address: 10151 RANGE LINE ROAD

Occupancy Classification: F Factory Industrial

Type of Construction: VL UN5 UP 1 story

Height and Area: 19'± 6000 φ

Occupancy Requirements per Chapter IV: Accessory Space  
25% rule no ratings

Construction Requirements:

A. Fire Protection: \_\_\_\_\_

B. Egress Requirements: OK

Other Requirements:

- NA Elevators
- NO Sprinklers & Standpipes
- OK Combustible Materials - Interior
- OK Roof Coverings
- OK Light - Ventilation - Sanitation
- Need 1 bath with HG Bar Handicap Requirements

\_\_\_\_\_ Plans sent to Fire Dept. - Date: \_\_\_\_\_ Approved: \_\_\_\_\_

\_\_\_\_\_ Plot Plan Check

\_\_\_\_\_ Water \_\_\_\_\_ Sewer \_\_\_\_\_

\_\_\_\_\_ Energy Code

\_\_\_\_\_ Paving & Drainage approval by Engineering Dept.

\_\_\_\_\_ Special Conditions prior to issuance

\_\_\_\_\_ Threshold Affidavit/Before Issuance Affidavit

FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Section 9 Compliance Program--Residential Point System Method  
Version 1.05 March, 1987  
Department of Community Affairs

Printout Submitted in lieu of Form 900A-86

|               |                        |                    |       |
|---------------|------------------------|--------------------|-------|
| PROJECT NAME: | FL. TIRE RECYCLING INC | PERMITTING OFFICE: |       |
| AND ADDRESS:  | RANGE LINE RD.         | CLIMATE ZONE:      | 4 5 6 |
| BUILDER:      | New Const. Co.         | PERMIT NO.:        |       |
| OWNER:        | JACK WILSON            | JURISDICTION NO.:  |       |

| COMPONENT              | VALUE                         | BUILDING OFFICIAL CHECKLIST |
|------------------------|-------------------------------|-----------------------------|
| WINDOWS                |                               |                             |
| Single Clear           | Total Area: 173.0             | -----                       |
| WALLS                  |                               |                             |
| 1. Ext NormWtBlock Int | Area: 443.0                   | -----                       |
|                        | R-Value: 3.0                  | -----                       |
| 2. Adj NormWtBlock Int | Area: 429.0                   | -----                       |
|                        | R-Value: 3.0                  | -----                       |
| 3. Adj Steel Stud      | Area: 120.0                   | -----                       |
|                        | R-Value: 11.0                 | -----                       |
| CEILINGS               |                               |                             |
| 1. Under Attic         | Area: 969.0                   | -----                       |
|                        | R-Value: 19.0                 | -----                       |
| FLOORS                 |                               |                             |
| 1. Slab-on-Grade       | Perim: 151.0                  | -----                       |
|                        | R-Value: 0.0                  | -----                       |
| DUCTS                  |                               |                             |
| Uncond. Space          | Length: ALL                   | -----                       |
|                        | R-Value: 4.2                  | -----                       |
| COOLING                |                               |                             |
| 1. Central A.C.        | SEER: 9.85                    | -----                       |
| HEATING                |                               |                             |
| 1. Heat Pump           | COP: 2.84                     | -----                       |
| HOT WATER              |                               |                             |
|                        | Bedrooms: 1                   | -----                       |
| 1. Electric            | EF: 0.86                      | -----                       |
| INFILTRATION           |                               |                             |
|                        | Practice: 2                   | -----                       |
|                        | Conditioned Floor Area: 969.0 | -----                       |

AS BUILT POINTS / BASE POINTS \* 100 = EPI  
17058.6 / 17874.2 \* 100 = 95.4

GLASS TO FLOOR AREA RATIO = 0.1785

\*\* PRESCRIPTIVE MEASURES (Must be met or exceeded by all residences) \*\*

| COMPONENTS                | SECTION        | REQUIREMENTS  |
|---------------------------|----------------|---|
| WINDOWS                   | 904.1          | Maximum of 0.5 CFM per linear foot of operable sash crack.  |
| EXTERIOR & ADJACENT DOORS | 904.1          | Maximum of 0.5 CFM per sq. ft. of door area. Includes sliding glass doors, solid core, wood panel, insulated, or glass doors only.  |
| EXT. JOINTS & CRACKS      | 904.1          | To be caulked, gasketed, weatherstripped or otherwise sealed.   |
| WATER HEATERS             | 904.2          | Must bear label indicating compliance w/ASHRAE standard 90 or comply with efficiency and standby loss requirements. Switch or clearly marked circuit breaker (electric), or cut-off (gas) must be provided. An external or built in heat trap must be provided. |
| SWIMMING POOLS & SPAS     | 904.3          | Spas and heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 75%   |
| HOT WATER PIPES           | 904.4          | Insulation is required only for recirculating systems. In such cases, piping heat loss shall be limited to 17.5 BTU/H/Linear Ft. of pipe.   |
| SHOWER HEADS              | 904.5          | Water flow must be restricted to no more than 3 gallons per minute at 20 to 80 PSIG.  |
| HVAC DUCT CONSTRUCTION    | 903.2<br>904.6 | Constructed in accordance with industry standards & local mechanical codes. Ducts in Unconditioned space must be insulated to minimum R-4.2 & joints must be sealed.  |
| HVAC CONTROLS             | 904.7          | Separate readily accessible manual or automatic thermostat for each system.   |
| CEILING INSUL.            | 904.9          | Minimum R-19.   |

\*\* INFILTRATION REDUCTION PRACTICE COMPLIANCE CHECKLIST \*\*

| COMPONENTS              | REQUIREMENTS   |
|-------------------------|--|
| PRACTICE #1             | Comply with Infiltration Prescriptives in above table.   |
| PRACTICE #2             | Comply with Practice #1 and the following.   |
| Exterior Walls & Floors | Top plate penetrations sealed. Infiltration barrier installed. Sole plate/floor joint caulked or sealed. |

exterior walls & ceilings

Penetrations, joints and cracks on interior surface caulked, sealed, and gasketed

Ductwork

Ductwork in unconditioned space must be sealed.

Fireplaces

Equipped with outside combustion air, doors, and flue dampers.

Exhaust Fans

Equipped with dampers. Combustion devices see 903.2 (f).

Combustion Appliances

Provided with outside combustion air.

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In Accordance with Sec. 553.907 F.S.,  
I Hereby certify that the plans and  
specifications covered by this calcu-  
lation are in compliance with the  
Florida Energy Code.

| Review of the plans and specifications  
| covered by this calculation indicates  
| compliance with the Florida Energy  
| Code. Before construction is completed  
| this building will be inspected for  
| compliance in accordance with Section  
| 553.908 F.S.

OWNER/AGENT: \_\_\_\_\_

| BUILDING OFFICIAL: \_\_\_\_\_

DATE: \_\_\_\_\_

| DATE: \_\_\_\_\_

\*\*\*\*\*  
 SUMMER CALCULATIONS  
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=== BASE ===

=== AS-BUILT ===

| GLASS----- |       |          |         |         |    |       |       |       |      |         |         |
|------------|-------|----------|---------|---------|----|-------|-------|-------|------|---------|---------|
| ORIEN      | AREA  | x BSPM = | POINTS  | TYPE    | SC | ORIEN | AREA  | x     | SFM  | x SOF = | POINTS  |
| SE         | 129.0 | 104.1    | 13428.9 | SGL CLR |    | SE    | 129.0 | 112.9 | 0.77 |         | 11224.9 |
| SW         | 44.0  | 104.1    | 4580.4  | SGL CLR |    | SW    | 44.0  | 112.9 | 0.99 |         | 4937.7  |

| .15 x COND. FLOOR / | TOTAL GLASS | = ADJ. x | GLASS  | = ADJ GLASS | GLASS   |
|---------------------|-------------|----------|--------|-------------|---------|
| AREA                | AREA        | FACTOR   | POINTS | POINTS      | POINTS  |
| .15                 | 969.0       | 173.0    | 0.840  | 18009.3     | 15130.9 |
|                     |             |          |        |             | 16162.6 |

| AREA              | x     | BSPM = | POINTS  | TYPE                | R-VALUE | AREA  | x      | SFM = | POINTS  |
|-------------------|-------|--------|---------|---------------------|---------|-------|--------|-------|---------|
| WALLS-----        |       |        |         |                     |         |       |        |       |         |
| Ext               | 443.0 | 1.00   | 443.0   | Ext NormWtBlock Int | 3.0     | 443.0 | 1.40   |       | 620.2   |
| Adj               | 549.0 | 0.70   | 384.3   | Adj NormWtBlock Int | 3.0     | 429.0 | 0.70   |       | 300.3   |
|                   |       |        |         | Adj Steel Stud      | 11.0    | 120.0 | 1.00   |       | 120.0   |
| DOORS-----        |       |        |         |                     |         |       |        |       |         |
| Adj               | 43.0  | 3.20   | 137.6   | Adj Insulated       |         | 21.5  | 3.20   |       | 68.8    |
|                   |       |        |         | Adj Insulated       |         | 21.5  | 3.20   |       | 68.8    |
| CEILINGS-----     |       |        |         |                     |         |       |        |       |         |
| UA                | 969.0 | 0.60   | 581.4   | Under Attic         | 19.0    | 969.0 | 1.10   |       | 1065.9  |
| FLOORS-----       |       |        |         |                     |         |       |        |       |         |
| Slb               | 151.0 | -31.80 | -4801.8 | Slab-on-Grade       | 0.0     | 151.0 | -31.90 |       | -4816.9 |
| INFILTRATION----- |       |        |         |                     |         |       |        |       |         |
|                   | 969.0 | 10.90  | 10562.1 | Practice #2         |         | 969.0 | 10.90  |       | 10562.1 |

|                     |  |         |  |  |  |  |  |  |         |
|---------------------|--|---------|--|--|--|--|--|--|---------|
| TOTAL SUMMER POINTS |  | 22437.5 |  |  |  |  |  |  | 24151.8 |
|---------------------|--|---------|--|--|--|--|--|--|---------|

| TOTAL x | SYSTEM | = | COOLING | TOTAL   | x     | DUCT  | x | SYSTEM | x | CREDIT = | COOLING |
|---------|--------|---|---------|---------|-------|-------|---|--------|---|----------|---------|
| SUM PTS | MULT   |   | POINTS  | COMPON  |       | MULT  |   | MULT   |   | MULT     | POINTS  |
| 22437.5 | 0.43   |   | 9648.1  | 24151.8 | 1.140 | 0.346 |   | 1.000  |   |          | 9526.4  |

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WINTER CALCULATIONS  
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=== BASE ===

=== AS-BUILT ===

| GLASS----- |       |          |         |         |    |       |       |       |      |         |        |
|------------|-------|----------|---------|---------|----|-------|-------|-------|------|---------|--------|
| ORIEN      | AREA  | x BWPM = | POINTS  | TYPE    | SC | ORIEN | AREA  | x     | WPM  | x WOF = | POINTS |
| SE         | 129.0 | -13.4    | -1728.6 | SGL CLR |    | SE    | 129.0 | -10.3 | 0.75 |         | -993.4 |
| SW         | 44.0  | -13.4    | -589.6  | SGL CLR |    | SW    | 44.0  | -10.3 | 0.99 |         | -450.5 |

| .15 x COND. FLOOR / | TOTAL GLASS = | ADJ. x | GLASS = | ADJ GLASS | GLASS   |
|---------------------|---------------|--------|---------|-----------|---------|
| AREA                | AREA          | FACTOR | POINTS  | POINTS    | POINTS  |
| .15                 | 969.0         | 173.0  | 0.840   | -2318.2   | -1947.7 |
|                     |               |        |         |           | -1443.8 |

| AREA              | x     | BWPM = | POINTS | TYPE                | R-VALUE | AREA  | x    | WPM = | POINTS |
|-------------------|-------|--------|--------|---------------------|---------|-------|------|-------|--------|
| WALLS-----        |       |        |        |                     |         |       |      |       |        |
| Ext               | 443.0 | 1.10   | 487.3  | Ext NormWtBlock Int | 3.0     | 443.0 | 3.80 |       | 1683.4 |
| Adj               | 549.0 | 1.80   | 988.2  | Adj NormWtBlock Int | 3.0     | 429.0 | 2.30 |       | 986.7  |
|                   |       |        |        | Adj Steel Stud      | 11.0    | 120.0 | 2.60 |       | 312.0  |
| DOORS-----        |       |        |        |                     |         |       |      |       |        |
| Adj               | 43.0  | 7.60   | 326.8  | Adj Insulated       |         | 21.5  | 7.60 |       | 163.4  |
|                   |       |        |        | Adj Insulated       |         | 21.5  | 7.60 |       | 163.4  |
| CEILINGS-----     |       |        |        |                     |         |       |      |       |        |
| UA                | 969.0 | 0.60   | 581.4  | Under Attic         | 19.0    | 969.0 | 1.00 |       | 969.0  |
| FLOORS-----       |       |        |        |                     |         |       |      |       |        |
| Slb               | 151.0 | -1.90  | -286.9 | Slab-on-Grade       | 0.0     | 151.0 | 2.50 |       | 377.5  |
| INFILTRATION----- |       |        |        |                     |         |       |      |       |        |
|                   | 969.0 | 4.10   | 3972.9 | Practice #2         |         | 969.0 | 4.10 |       | 3972.9 |

|                     |        |  |  |  |  |  |  |  |        |
|---------------------|--------|--|--|--|--|--|--|--|--------|
| TOTAL WINTER POINTS | 4122.0 |  |  |  |  |  |  |  | 7184.5 |
|---------------------|--------|--|--|--|--|--|--|--|--------|

| TOTAL WIN PTS | x SYSTEM MULT | = HEATING POINTS | TOTAL COMPON | x CAP RATIO | x DUCT MULT | x SYSTEM MULT | x CREDIT MULT | = HEATING POINTS |
|---------------|---------------|------------------|--------------|-------------|-------------|---------------|---------------|------------------|
| 4122.0        | 1.14          | 4699.1           | 7184.5       | 1.000       | 1.140       | 0.479         | 1.000         | 3923.1           |



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 WATER HEATING  
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==== BASE ==== | ==== AS-BUILT ====

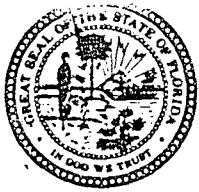
| NUM OF<br>BEDRMS | x | MULT   | = | TOTAL  |  | DESCRIPTION | EF   | CAP x<br>RATIO | MULT x | CREDIT = | TOTAL  |
|------------------|---|--------|---|--------|--|-------------|------|----------------|--------|----------|--------|
|                  |   |        |   |        |  |             |      |                |        | MULT     |        |
| 1                |   | 3527.0 | = | 3527.0 |  | Electric    | 0.86 | 1.000          | 3609.0 | 1.00     | 3609.0 |

\*\*\*\*\*  
 SUMMARY  
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==== BASE ==== | ==== AS-BUILT ====

| COOLING<br>POINTS | + | HEATING<br>POINTS | + | HOT WATER<br>POINTS | = | TOTAL<br>POINTS |  | COOLING<br>POINTS | + | HEATING<br>POINTS | + | HOT WATER<br>POINTS | = | TOTAL<br>POINTS |
|-------------------|---|-------------------|---|---------------------|---|-----------------|--|-------------------|---|-------------------|---|---------------------|---|-----------------|
| 9648.1            |   | 4699.1            |   | 3527.0              | = | 17874.2         |  | 9526.4            |   | 3923.1            |   | 3609.0              | = | 17058.6         |

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 \* EPI = 95.4 \*  
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**STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION AND INSTALLATION PERMIT**

Authority: Chapter 381, FS  
Chapter 10D-6, FAC

Applicant Florida Tire Recycling

Permit Number 23116

-----PART I - SYSTEM CONSTRUCTION SPECIFICATIONS AND CONSTRUCTION APPROVAL-----

| Treatment Tank                                 | Minimum Dralntrench Size         | OR                | Minimum Absorption Bed Size |
|--|----------------------------------|-------------------|-----------------------------|
| Septic tank or aerobic unit <u>900</u> gallons | Grease interceptor _____ gallons | _____ Square Feet | <u>350</u> Square Feet      |
| Septic tank or aerobic unit _____ gallons      | Dosing tank _____ gallons        | _____ Square Feet | _____ Square Feet           |
| Graywater tank _____ gallons                   |                                  | _____ Square Feet | _____ Square Feet           |
| Laundry waste tank _____ gallons               |                                  | _____ Square Feet | _____ Square Feet           |

Other Requirements:

- (a) Installation must be in accord with requirements of chapter 10D-6, FAC.
- (b) A system construction permit is valid for a period of one calendar year from date of issue.
- (c) Final installation inspection and approval is required before the system is covered.
- (d) Invert of stub-out for BUILDING to be 9" below 1/4 Range benchmark.
- Invert of stub-out for \_\_\_\_\_ to be \_\_\_\_\_ benchmark.
- Invert of stub-out for \_\_\_\_\_ to be \_\_\_\_\_ benchmark.
- Invert of stub-out for \_\_\_\_\_ to be \_\_\_\_\_ benchmark.

(e) Fill quality and quantity: Excavation waived.

(f) Other: ① Septic system not permitted to receive flow from floor drains

② Attached water supply and Hazardous Waste requirements must be satisfied prior to final approval

③ There must be no more than 1/4" - 1/2" per 10 ft. fall from stubout of building to end of drainfield.

④ Drainfield must be graded according to 10D-6 requirements for mound systems.

System design and specifications by: A. Hoffmann Title ESI  
 Construction authorized by: A. Hoffmann Date 3/25/88  
St. Lucie County Public Health Unit

Note: Completed copies of this form will be provided to the applicant, installer and the building department.

AUDIT CONTROL NO. Nº 39401

Findings: \_\_\_\_\_