

# TAKE 5 OIL CHANGE

11909 EAST MARTIN LUTHER KING JR BLVD.  
SEFFNER, FL 33584

# TAKE 5 OIL CHANGE / DRIVEN BRANDS CHARLOTTE NC

## APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Take 5 Oil Change  
Address: 11909 East Martin Luther King Jr Blvd., Seffner, FL 33584  
Proposed Use: Oil Change  
Owner or Authorized Agent: Bill Robinson Phone # 704-370-8000 E-Mail bill@childreyrobinson.com  
Code Enforcement Jurisdiction: City of Seffner  
Name of Jurisdiction: Hillsborough County Florida

LEAD DESIGN PROFESSIONAL: Childrey Robinson Associates  
DESIGNER: FIRM NAME LICENSE # PHONE # E-MAIL  
Architect Childrey Robinson Associates Wyo Childrey 12296 704-370-6000 wyo@childreyrobinson.com  
Civil Saber Engineering Richard Morrison 86458 704-373-0088 rmm@saberengineering.com  
Mechanical Saber Engineering James A Trible 68383 704-373-0088 jat@saberengineering.com  
Structural AE Structural Engineers L. Dean Ap. Jr. 50682 704-225-6079 dean@seap.com

2017 EDITION OF FL CODE FOR:  New Construction  Addition  Upfit  
EXISTING:  Reconstruction  Repair  Alteration to Sub  
CONSTRUCTED: (Date) ORIGINAL USER(S) (Ch. 3):  
RENOVATED: (Date) CURRENT USER(S) (Ch. 3):  
PROPOSED USER(S) (Ch. 3):

Construction Type:  IA  IIA  IIB  IIC  IVD  VA  VB  
 IIA  IIB  IIC  IVD  VA  VB

Sprinklers:  No  Yes  NFPA 13  NFPA 13A  NFPA 13R  Partially Sprinklered  Special Suppression  
Standpipes:  No  Yes  Class:  I  II  III  Wet  Dry

Fire Alarm:  No  Yes  Life Safety Plan Sheet # (if provided):

FLOOR	FIRST BUILDING			SECOND BUILDING		
	EXISTING	NEW	SUB-TOTAL	EXISTING	NEW	TOTAL
6th Floor	-	-	-	-	-	-
5th Floor	-	-	-	-	-	-
4th Floor	-	-	-	-	-	-
3rd Floor	-	-	-	-	-	-
2nd Floor	-	-	-	-	-	-
Mezzanine	-	-	-	-	-	-
1st Floor	1438	-	-	-	-	-
Basement	-	-	-	-	-	-
TOTAL	1438	-	-	-	-	-

Area of Project Tenant / Alteration / Renovation: -  
Area of Construction: 1438

### ALLOWABLE HEIGHT

Type of Construction	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type V-B	Type V-B	Type V-B	Type V-B	Table 501
Building Hgt. in Feet	Feet 47'	Feet + H + 20' max	Feet 29'-6"	Table 503
Building Hgt. in Stories	Stories 1	Stories + 1 = NA	Stories 1	Table 503

### FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REDO	RATING PROVIDED (W * REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	X	0	0	X	X	X
Bearing Walls						
Exterior						
North	0	0	0	X	X	X
East	0	0	0	X	X	X
West	0	0	0	X	X	X
South	0	0	0	X	X	X
Interior						
Nonbearing walls and Partitions						
Interior walls						
North	NA	0	0	X	X	X
East	NA	0	0	X	X	X
West	NA	0	0	X	X	X
South	NA	0	0	X	X	X
Interior walls and partitions	NA	0	0	X	X	X

### LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Smoke Detection System:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> Partial
Exit Signs:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Panic Hardware:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> Partial
Fire Alarm:	<input type="checkbox"/> No	<input type="checkbox"/> Yes				

### LIFE SAFETY PLAN REQUIREMENTS

Fire and/or smoke rated well locations (Chapter 7)  
 Assured and well property line locations  
 Exterior well opening areas with required distance to assumed property line  
 Existing structures within 50' of the proposed building  
 Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)  
 Occupant loads for each area  
 Exit access travel distances (1018)  
 Common path of travel (1014.3 & 1015.1)  
 Dead end travel (716.4)  
 Clear exit width through exit door

### PERCENTAGE OF WALL OPENING CALCULATIONS

THIS SECTION FOR ADDITIONS, NEW AND CHANGE OF USE  
 Allowable Opening per Table 704.9. No limit per "Greater than 30" The separation distance.

WALL LEGENDS	THIS SECTION REQUIRED FOR ALL PROJECTS
Fire Partitions 706	<input type="checkbox"/>
Fire Walls 705	<input type="checkbox"/>
Fire Barriers 708	<input type="checkbox"/>
Smoke Partitions 710	<input type="checkbox"/>
Smoke Barriers 709	<input type="checkbox"/>
Shaft Enclosure 707	<input type="checkbox"/>

### EXIT REQUIREMENTS

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM # PER OCCUPANT	TRAVEL DISTANCE	REQUIRED WIDTH PER OCCUPANT (TABLE 1015.1)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	ACTUAL WIDTH SHOWN ON PLANS
S-1	1	100	41"0"		

### EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	AREA <sup>(1)</sup> sq. ft.	AREA <sup>(2)</sup> PER OCCUPANT (Table 1004.1.1)	CALCULATED PER OCCUPANT (a/b)	EGRESS WIDTH PER OCCUPANT (Table 1005.1)	REQUIRED WIDTH (a)(b)x c	ACTUAL WIDTH SHOWN ON PLANS
S-1 INDUSTRIAL	1281	100	19	3'	61.8"	NA
ACCESSORY STORAGE	181	300	1	3'	30"	NA
TOTAL	1462					NA

## SCHEDULE OF SPECIAL INSPECTION SERVICES

No special inspections required for this project.  Special inspections required

The following sheets comprise the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

<input type="checkbox"/> IT-1 Verification of Soils	<input type="checkbox"/> IT-10 Inspection of Structural Steel Fabrication
<input type="checkbox"/> IT-2 Excavation and Fill	<input type="checkbox"/> IT-11 Structural Masonry
<input type="checkbox"/> IT-3 Piling and Drilling Piers	<input type="checkbox"/> IT-12 Welding
<input type="checkbox"/> IT-4 Modular Retaining Walls	<input type="checkbox"/> IT-13 High Strength Bolt & Steel Framing Inspection
<input type="checkbox"/> IT-6 Reinforced Concrete	<input type="checkbox"/> IT-14 Sprayed Fire-Resistance Materials
<input type="checkbox"/> IT-7 Post Tension Slab	<input type="checkbox"/> IT-15 Exterior Insulation and Finish System
<input type="checkbox"/> IT-8 Pre-cast Concrete Erection	<input type="checkbox"/> IT-16 Seismic Resistance
<input type="checkbox"/> IT-9 Pre-stressed Concrete	<input type="checkbox"/> IT-17 Bridge Corbel
<input type="checkbox"/> IT-14 Inspection of Pre-cast Fabrication	<input type="checkbox"/> IT-18 Detention Basin
	<input type="checkbox"/> IT-19 Special Cases

### STRUCTURAL DESIGN

DESIGN LOADS:

Importance Factors: Wind (I<sub>w</sub>) \_\_\_\_\_  
 Snow (I<sub>s</sub>) \_\_\_\_\_  
 Seismic (I<sub>e</sub>) \_\_\_\_\_

Live Loads: Roof \_\_\_\_\_ psf  
 Mezzanine \_\_\_\_\_ psf  
 Floor \_\_\_\_\_ psf

Snow Load: \_\_\_\_\_ psf

Wind Load: Basic Wind Speed \_\_\_\_\_ mph (ASCE 7-05)  
 Exposure Category \_\_\_\_\_  
 Wind Base Shears (for MWFRS) V<sub>x</sub> = \_\_\_\_\_ V<sub>y</sub> = \_\_\_\_\_

### SEISMIC DESIGN CATEGORY

Provide the following Seismic Design Parameters:

Occupancy Category (1106.4.3) \_\_\_\_\_  
 Spectral Response Acceleration S<sub>s</sub> = \_\_\_\_\_  
 Site Classification \_\_\_\_\_  
 Basic Structural System (check one) \_\_\_\_\_  
 Bearing Wall \_\_\_\_\_  
 Building Frame \_\_\_\_\_  
 Moment Resisting \_\_\_\_\_  
 Seismic base shear \_\_\_\_\_  
 Analytical Procedure \_\_\_\_\_ Equivalent Lateral Force \_\_\_\_\_ Modal \_\_\_\_\_

### PLUMBING FIXTURE REQUIREMENTS

OCCUPANCY	WATER CLOSETS UNSEX	URINALS UNSEX	LAVATORIES UNSEX	SHOWERS/ DRINKING FOUNTAINS TUBS	REGULAR ACCESSIBLE
S-1	1		1		NA
TOTAL REQUIRED	1		1		NA
TOTAL PROVIDED	1		1		NA

### ACCESSIBLE PARKING

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	# OF ACCESSIBLE SPACES PROVIDED	TOTAL # ACCESSIBLE PROVIDED
TOTAL	8	1	1

### SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc. describe below)

### SHELL VARIABLE FORM

CHECK EACH APPLICABLE LINE TO MATCH SCOPE OF WORK. EDIT AS NECESSARY TO PROVIDE CLEAR DETAIL OF INSTALLATION.

Mechanical	Plumbing
<input type="checkbox"/> No work	<input type="checkbox"/> No work
<input type="checkbox"/> Equipment set _____ with _____ without power	<input type="checkbox"/> Install water service and sewer
<input type="checkbox"/> Trunk line installed _____ with _____ without outside	<input type="checkbox"/> Install building drain _____ and _____ water distribution main _____ with _____ without branches
<input type="checkbox"/> Gas line	<input type="checkbox"/> Install complete plumbing system
<input type="checkbox"/> Install complete operational system	<input type="checkbox"/> Other _____
<input type="checkbox"/> Other _____	<input type="checkbox"/> Electrical _____
<input type="checkbox"/> House panel	<input type="checkbox"/> Service laterals to meter centers/panels located on building
<input type="checkbox"/> Install complete sprinkler system	<input type="checkbox"/> Demise wall and ceiling only
<input type="checkbox"/> Install slab _____ partial _____ complete	<input type="checkbox"/> Corbel, deck, masonry in slab
<input type="checkbox"/> Install demising walls	<input type="checkbox"/> Power and lighting circuits to "P" box
<input type="checkbox"/> Install interior partitioning _____ partial _____ complete	<input type="checkbox"/> Install light fixtures
<input type="checkbox"/> Install ceiling	<input type="checkbox"/> Install Heat/Ac _____ Elevator _____ Generator _____ Parking lot lighting
<input type="checkbox"/> White box (additional interior completion permits are required for Certificate of Occupancy and power)	<input type="checkbox"/> Install complete system
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

### OCCUPANCY INFORMATION

Primary Occupancy:  Assembly  A-1  A-2  A-3  A-4  A-5  
 Business  Educational  H-2 Outpatient  H-2 Consultant  H-2 Health  H-2 Hospital  H-2 Office  
 Hazardous  I-1  I-2  I-3  I-4  I-5  
 Institutional  L-1  L-2  L-3  L-4  L-5  
 Mercantile  Residential  R-1  R-2  R-3  R-4  
 Storage  S-1  S-2  S-3

S-1 Special Condition:  Repair Garage (408.6)  
 S-2 Special Condition - Parking Garage:  Open (408.3)  Enclosed (408.4)

Other Use: Accessory Use (Indicate Percentage):  
 Incidental Use:  
 402  403  404  405  406  407  408  409  410  411  412  
 413  414  415  416  417  418  419  420  421  
 Mixed Occupancy:  No  Yes Separation: Ht. \_\_\_\_\_ Exemption: \_\_\_\_\_

### ALLOWABLE AREA AND HEIGHT CALCULATIONS

EXTERIOR WALL	ACTUAL LENGTH	OPEN LENGTH	WIDTH OF PUBLIC WAY OR OPEN SPACE
NORTH	82.5	82.5	30
SOUTH	82.5	82.5	30
EAST	28.5	28.5	30
WEST	28.5	28.5	30
TOTAL	192	192	90

### STORY NO. OCCUPANCY

STORY NO.	OCCUPANCY	(A) BLDG AREA PER STORY (ACTUAL)	(B) AREA FOR FRONTAGE INCREASE <sup>(1)</sup>	(C) AREA FOR SPRINKLER INCREASE <sup>(2)</sup>	(D) ALLOWABLE AREA OR INCREASE <sup>(3)</sup>	Ratio of Allowable	(F) MAXIMUM BUILDING AREA <sup>(4)</sup>	Separation Rating Required
1	OIL CHANGE S-1	1438	6,000	6,750	NA	.98	15,750	NA

<sup>(1)</sup> Open space area increases from Section 508.2 are computed thus:  
 a. Perimeter which fronts a public way or open space having 20 foot minimum width = .192 (F)  
 b. Total Building Perimeter = 192 (P)  
 c. Ratio (FP) = 1 (FP)  
 d. W = Minimum width of public way = 30 (W)  
 e. Percent of frontage increase =  $100 \left( \frac{FP}{W} - 0.25 \right) \times W \times W = 75 (A)$   
<sup>(2)</sup> The sprinkler increase per Section 508.3 is as follows:  
 a. Multi-story building  $\leq 200$  percent  
 b. Single story building  $\leq 300$  percent  
<sup>(3)</sup> Unlimited area applicable under conditions of Sections Group B, F, M, S, A-3, A-4, (507).  
 Group A motion picture (507.10); covered mall buildings (402.5); and H-2 aircraft paint hangars (507.3).  
<sup>(4)</sup> Maximum Building Area = total number of stories in the building x E (508.4).  
<sup>(5)</sup> The maximum area of parking garage must comply with 408.3.5. The maximum area of electric control towers must comply with 412.1.2.

### AREA MAP

### VICINITY MAP

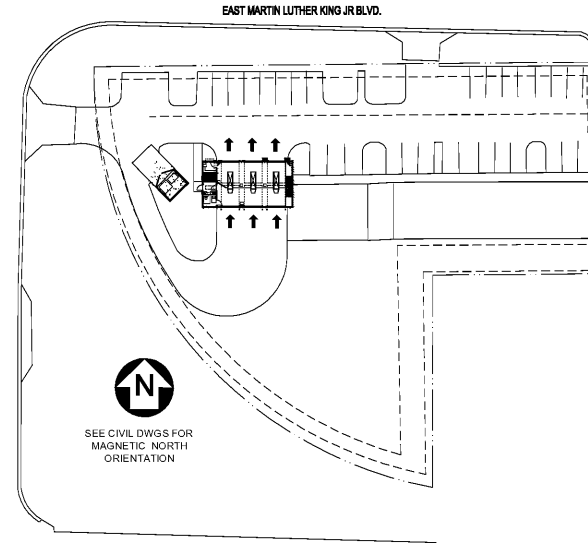
## INDEX OF DRAWINGS

ARCHITECTURAL	COVER SHEET & APPENDIX B FLOOR PLAN AND SCHEDULES PIER DETAILS ROOF PLAN DUMPSTER SCREEN OVERHEAD DOORS ELEVATIONS SECTIONS SECTIONS AND DETAILS BUILDING SECTIONS
AT	
A-100	
A-100.1	
A-101	
A-102	
A-103	
A-200	
A-300	
A-301	
A-302	
A-303	
STRUCTURAL	STRUCTURAL GENERAL NOTES SYSTEMS OF SPECIAL INSPECTIONS TYPICAL DETAILS FOUNDATION AND PLATFORM PLAN CODE MARKING PLAN FOUNDATION DETAILS ROOF AND PLATFORM DETAILS HIGH ROOF DETAILS
S0	
S1	
S1	
S2	
S3	
S3	
S3	
PLUMBING	SCHEDULE, NOTES AND LEGEND PLUMBING PLANS PLUMBING TANK DETAILS
P-2	
P-3	
MECHANICAL	MECHANICAL PLAN
M-1	
ELECTRICAL	ELECTRICAL NOTES, LEGEND AND DETAILS ELECTRICAL PLANS ELECTRICAL DETAILS
E-1	
E-2	
E-3	
FIRE PROTECTION	
NA	
MATERIAL	MANUFACTURER / ITEM NAME FLORIDA APPROVED NUMBER
STOREFRONT	OLDCASTLE BUILDING ENVELOPE FL 15103.4
STEEL DOORS	INGERSOL RAND SZ SERIES FL 13884-R3
ROOFING	FIRESTONE TRINITY IPO FL 15894.1
EIFS	DRYVIT OUTSULATION FL 2030.1
SECTIONAL DOORS	RAYNOR ALUMAVIEW AV200 FL 15212
HURRICANE RATED GRILLES FOR 42" PTAC UNIT	AEL 42 D 7060 FL NOA 11 : 0726.03

## CODE SUMMARY

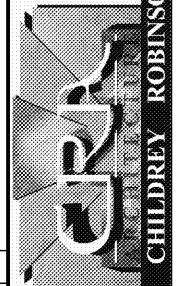
I. Applicable Codes:  
 2014 National Electrical Code  
 Florida Building Code 6th Edition (2017) Fuel Costs  
 Florida Building Code 6th Edition (2017) Accessibility  
 Florida Building Code 6th Edition (2017) Mechanical  
 Florida Building Code 6th Edition (2017) Building  
 Florida Building Code 6th Edition (2017) Plumbing  
 Florida Building Code 6th Edition (2017) Energy Conservation  
 Florida Building Code 6th Edition (2017) Residential  
 Florida Building Code 6th Edition (2017) Existing Building  
 Florida Fire Prevention Code 6th Edition (2017)

## BUILDING KEY PLAN SCALE: NTS



TAKE 5 OIL CHANGE  
11909 E. MLK JR BLVD  
SEFFNER, FL 33584

FOR:  
 TAKE 5 OIL CHANGE / DRIVEN BRANDS  
 CHARLOTTE NC



STATE OF FLORIDA  
 REGISTERED ARCHITECT  
 No. 12345

REV.	DESCRIPTION

06-24-2019  
 APPENDIX B AND TITLE  
 A-T

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