

**ABBREVIATIONS**

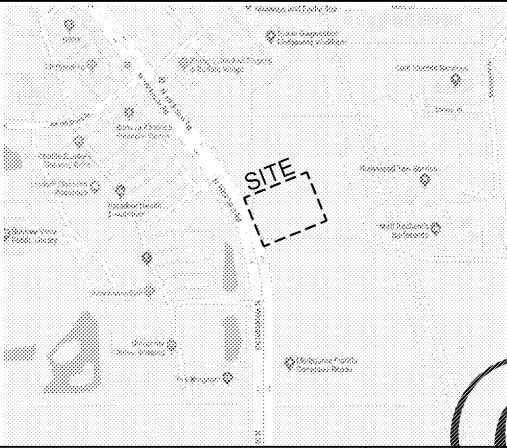
°	FAHRENHEIT	SAN.	SANITARY
∅	DIAMETER	S.C.	SOLID CORE
&	AND	SCHED.	SCHEDULE
@	AT	SECT.	SECTION
#	FOUND OR NUMBER	S.F.	STORE FRONT
¢	CENTER LINE	SHT.	SHEET
		SHTG.	SHEATHING
ACCES.	ACCESSIBLE	SIM.	SIMILAR
A/C	AIR CONDITIONING	SPEC.	SPECIFICATION
A.F.F.	ABOVE FINISH FLOOR	SQ.	SQUARE
ALUM.	ALUMINUM	S.S.	STAINLESS STEEL
APPROX.	APPROXIMATE	ST.	STREET
ARCH.	ARCHITECTURAL	STD.	STANDARD
		STL.	STEEL
BD.	BOARD	STOR.	STORAGE
BLDG.	BUILDING	STR.	STRUCTURAL
BLK.	BLOCK	SUSP.	SUSPENDED
BLKG.	BLOCKING	SYM.	SYMMETRICAL
BM.	BEAM	SYS.	SYSTEM
BOT.	BOTTOM	SW.	SWITCH
BTWN.	BETWEEN	SWGR.	SWITCH GEAR
BTU.	BRITISH THERMAL UNIT		
B.U.R.	BUILT UP ROOF	T.B.	TACKBOARD
		TEL.	TELEPHONE
CAB.	CABINET	T&G.	TONGUE AND GROOVE
CATV.	CABLE TELEVISION	THK.	THICK
C.B.	CIRCUIT BREAKER	T.O.B.	TOP OF BEAM
CEM.	CEMENT	T.O.C.	TOP OF CURB
CER.	CERAMIC	T.O.P.	TOP OF PAVING
C.I.	CAST IRON	T.O.R.	TOP OF ROOF
C.J.	CONTROL JOINT	T.O.W.	TOP OF WALL
CLG.	CEILING	TV.	TELEVISION
CL.O.	CLOSET		
CLR.	CLEAR		
C.M.U.	CONCRETE MASONRY UNIT	U.N.O.	UNLESS NOTED OTHERWISE
C.O.	CLEAR OPENING	UR.	URINAL
CO.	CLEAN OUT	UL.	UNDERWRITERS LABORATORY
COL.	COLUMN		
CONC.	CONCRETE	V.W.C.	VINYL WALL COVERING
CONN.	CONNECTION	VERT.	VERTICAL
CONSTR.	CONSTRUCTION	V.T.R.	VENT THROUGH ROOF
CONT.	CONTINUOUS	V.P.	VENT PIPE
C.Y.	CUBIC YARD	V.C.T.	VINYL COMPOSITION TILE
C.W.	COLD WATER		
		W.	WITH
DBL.	DOUBLE	W.C.	WATER CLOSET
DEPT.	DEPARTMENT	WD.	WOOD
DET.	DETAIL	W.H.	WATER HEATER
D.F.	DRINKING FOUNTAIN	W/O.	WITHOUT
DIA.	DIAMETER	W.P.	WEATHERPROOF
DIM.	DIMENSION	W.R.	WATER RESISTANT
DN.	DOWN	W.W.F.	WELD WIRE FABRIC
DP.	DISTRIBUTION PANEL	WT.	WEIGHT
DR.	DOOR	W.S.	WATER STOP
DS.	DOWN SPOUT		
DWG.	DRAWING	XFMR.	TRANSFORMER
EA.	EACH		
E.I.F.S.	EXTERIOR INSULATION AND FINISHING SYSTEM	MAX.	MAXIMUM
E.J.	EXPANSION JOINT	M.B.	MACHINE BOLT
ELEC.	ELECTRICAL	MDP.	MAIN DISTRIBUTION PANEL
ELEV.	ELEVATION	MECH.	MECHANICAL
EN.	ENCLOSURE	MED.	MEDIUM
EM.	EMERGENCY	MTL.	METAL
EP.	ELECTRICAL PANEL	MFR.	MANUFACTURER
EQ.	EQUAL	M.H.	MANHOLE
EQUIP.	EQUIPMENT	MGR.	MANAGER
E.W.	EACH WAY	MFG.	MANUFACTURING
EW.C.	ELECTRIC WATER COOLER	MIN.	MINIMUM
EXIST.	EXISTING	MISC.	MISCELLANEOUS
EXT.	EXTERIOR	M.O.	MASONRY OPENING
		MTD.	MOUNTED
F.D.	FLOOR DRAIN	MUL.	MULLION
F.E.	FIRE EXTINGUISHER		
F.F.	FINISH FLOOR	N.I.C.	NOT IN CONTRACT
F.H.	FIRE HYDRANT	NO.	NUMBER
FIN.	FINISH	NOM.	NOMINAL
FIXT.	FIXTURE	N.T.S.	NOT TO SCALE
FLR.	FLOOR		
F.L.	FLOW LINE	O.A.	OVER ALL
FLUR.	FLUORESCENT	O.C.	ON CENTER
F.O.F.	FACE OF FINISH	O.D.	OUTSIDE DIAMETER
F.O.M.	FACE OF MASONRY	OFF.	OFFICE
F.O.S.	FACE OF STUD	OPNG.	OPENING
FPM.	FEET PER MINUTE	OPP.	OPPOSITE
F.R.P.	FIRE RATED PARTITION	OPS.	OPERATIONS
F.S.	FLOOR SINK	OVHD.	OVERHEAD DOOR
FT.	FOOT/FEET		
FTG.	FOOTING	PCF.	POUNDS PER CUBIC FOOT
FUR.	FURRING	P.C.P.	PRE CAST CONCRETE PANEL
		P.L.	PROPERTY LINE
GA.	GAUGE	P.L.T.	PLATE
GALV.	GALVANIZED	PLAM.	PLASTIC LAMINATE
G.C.	GENERAL CONTRACTOR	PLMB.	PLUMBING
GEN.	GENERAL	PLYWD.	PLYWOOD
GL.	GLASS	PNL.	PANEL
GMP.	GALLONS PER MINUTE	P.P.	POWER POLE
GND.	GROUND	PSF.	POUNDS PER SQUARE FOOT
GR.	GRADE	PSI.	POUNDS PER SQUARE INCH
GYP.	GYPSUM	FTN.	PARTITION
		PVC.	POLYVINYL CHLORIDE
H.B.	HOSE BIBB	PWR.	POWER
H.C.	HANDICAPPED		
HDR.	HEADER	Q.T.	QUARRY TILE
HDW.	HARDWARE		
HT.	HEIGHT	R.	RADIUS
H.M.	HOLLOW METAL	R.D.	ROOF DRAIN
HORIZ.	HORIZONTAL	RDWD.	REDWOOD
HP.	HIGH POINT	REC.	RECEPTION
HTG.	HEATING	REF.	REFERENCE
HDWD.	HARDWOOD	REFR.	REFRIGERATOR
HVAC.	HEATING, VENTILATION, & AIR CONDITIONING	REINF.	REINFORCED
		REQ.	REQUIRED
HW.	HOT WATER	RESIL.	RESILIENT
HHW.	HOT WATER HEATER	REV.	REVISION
		R&S.	ROOF AND SHELF
I.D.	INSIDE DIAMETER	RM.	ROOM
IN.	INCH	R.O.	ROUGH OPENING
INSUL.	INSULATION	R.O.W.	RIGHT OF WAY
INT.	INTERIOR		
JAN.	JANITOR		
J.B.	JUNCTION BOX		
JST.	JOIST		
JT.	JOINT		
KV.	KILOVOLT		
KVA.	KILO VOLT-AMPERE		
KW.	KILOWATT		
LAM.	LAMINATED		
LAV.	LAVATORY		
LBS.	POUNDS		
L.F.	LINEAR FEET		
LG.	LONG		
LTG.	LIGHTING		
LV.	LOW VOLTAGE		



**LIST OF DRAWINGS**

SHT #	SHEET NAME	REVIEW DATE	REV. 1 4/1/2020	REV. 2 4/6/2020	REV. 3 DATE
A-0	Cover Sheet				
1 of 2	Alta Survey				
2 of 2	Alta Survey				
A-1	Site Details				
A-2	Floor and Finish Floor Plans				
A-2.1	Enlarged Floor Plans				
A-2.2	Equipment Plan				
A-3	Roof Plan/Reflected Ceiling Plan				
A-4	Exterior Elevations				
A-5	Enlarged Elevations				
A-6	Wall Sections				
A-6.1	Wall Sections				
A-7	Building Sections				
A-7.1	Building Sections				
A-7.2	Building Sections				
A-8	Millwork Details				
A-8.1	Millwork Details				
A-9	Head, Jamb & Sill Details				
A-10	Interior Elevations				
S-1	General Structural Notes				
S-2	General Structural Notes				
S-3	Typical Structural Notes & Details				
S-4	Wood Structural Notes & Typ Details				
S-5	Typical Details				
S-6	Foundation Plan				
S-7	Foundation Sections				
S-8	Roof Framing Plan & Details				
S-9	Framing Sections & Details				
S-10	Framing & Elevation at Entrance				
M-1.01	Mechanical Schedules				
M-2.01	Mechanical Floor Plan				
M-3.01	Mechanical Details				
M-4.01	Mechanical Specifications				
E-1.01	Electrical Legend & Schedules				
E-2.01	Electrical Lighting Plan & Dims				
E-2.02	Electrical Site Plan				
E-2.03	Site Photometric				
E-3.01	Electrical Power Plan				
E-3.02	Mechanical Power Plans				
E-4.01	Electrical Diagram & Details				
E-4.02	Electrical Interior Elevations				
E-4.03	Electrical Building Sections				
E-5.01	Electrical Specifications				
E-5.02	Electrical Specifications				
P-1.01	Plumbing Schedules				
P-2.01	Plumbing Site Plan				
P-3.01	Plumbing Floor Plan-Water & Sanitary				
P-3.02	Plumbing Floor Plan-Gas & Comp. Air				
P-4.01	Plumbing Riser Details				
P-5.01	Plumbing Details				
P-6.01	Plumbing Specification				
P-6.02	Plumbing Specification				

**LOCATION MAP**



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**MATERIAL SYMBOLS:**

	FACE BRICK
	CONCRETE MASONRY UNIT
	3/4\"/>
	STONE
	CONCRETE
	REBAR
	WOOD BLOCKING
	FINISHED OR MILL ED WOOD & TRIM
	CEILING TILE
	TERRAZZO
	EXPOSED AGGREGATE
	RIGID INSULATION
	BUILT-UP ROOF

**PLAN LEGEND**

	EXISTING WALL TO REMAIN
	NEW PARTITION
	WINDOWS TYPE
	DOOR TYPE HARDWARE SET
	INTERIOR ELEVATION
	EXTERIOR ELEVATION
	WALL SECTION
	BUILDING SECTION
	DETAIL SECTION
	DETAIL
	CHANGE OF FLOOR MATERIAL
	ELEVATION CHANGE
	IMPORTANT HEIGHTS IN ELEVATION DWG
	EXISTING GRADE ELEVATION
	NEW GRADE ELEVATION

**CODE SYNOPSIS**

CODE:

FLORIDA BUILDING CODE SIXTH EDITION 2017  
FLORIDA PLUMBING CODE SIXTH EDITION 2017  
FLORIDA FUEL AND GAS CODE SIXTH EDITION 2017  
NATIONAL ELECTRIC CODE, NFPA 70, 2014 FLORIDA MECHANICAL CODE SIXTH EDITION 2017 FLORIDA FIRE PREVENTION CODE SIXTH EDITION 2015 FLORIDA FFPC 101.6.1  
ENERGY CONSERVATION CODE SIXTH EDITION 2015  
FLORIDA ACCESSIBILITY CODE SIXTH EDITION 2017

OCCUPANCY:

GROUP S-1  
LIGHT AUTOMOTIVE REPAIR  
FFPC 101.6.1 - SPECIAL PURPOSE INDUSTRIAL

OCCUPANCY CALCULATIONS:

4,910 SQ.FT. STORAGE:  
1 OCC. PER 300 SQ.FT. = 17 OCC.  
900 SQ.FT. BUSINESS:  
1 OCC. PER 100 SQ.FT. = 9 OCC.  
TOTAL = 26 OCCUPANTS

TYPE OF CONSTRUCTION:

TYPE V-B

OCCUPIED BUILDING AREA: 5,810 SQ.FT.  
BUILDING FOUNDATION AREA: 6,033 SQ.FT.  
DUMPSTER FOUNDATION AREA: 176 SQ.FT.

SPRINKLED: NO

\* NO COMMERCIAL VEHICLE REPAIR

No. OF STORIES: SINGLE STORY  
27'-8\"/>

REQUIRED EXITING WIDTH: 32\"/>

SPECIAL PROVISIONS:

MAXIMUM TRAVEL DIST. = 200'-0\"/>

**GENERAL NOTES**

- THE CONTRACTOR SHALL VISIT THE PROJECT SITE, INVESTIGATE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS (PRIOR TO BIDDING THE PROJECT. ADDITIONAL COSTS WILL NOT BE AWARDED FOR EXISTING CONDITIONS WHICH ARE VISIBLE AND/OR CAN BE REASONABLY ANTICIPATED.)
- THE G.C. IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, SITE GRADES, ETC. PRIOR TO CONSTRUCTION. NOTIFY THE OWNER ON ANY DISCREPANCIES THAT COULD AFFECT THE DESIGN AND COMPLETION OF THE PROJECT. BUILDING LAYOUT TO BE VERIFIED BY A LICENSED SURVEYOR.
- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CITY AND STATE CODES AND STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL UTILITY COMPANIES AND PERFORMING ALL WORK REQ. BY THEM.
- THE CONTRACTOR IS RESPONSIBLE FOR INSURING PROPER COMPACTION OF UTILITY COMPANY TRENCHES.
- THE CONTRACTOR SHALL PAY FOR AND OBTAIN ALL REQUIRED PERMITS, TAP FEES, AND CERTIFICATES OF OCCUPANCY, UNLESS INSTRUCTED OTHERWISE.
- SITE WORK IS TO BE PERFORMED IN THIS CONTRACT. G.C. IS RESPONSIBLE FOR COORDINATING ALL WORK INDICATED ON CIVIL AND ARCHITECTURAL DWGS. G.C. SHOULD NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO START OF WORK.
- ALL EXCAVATION, TRENCHING, ETC. REQUIRED IN SUBGRADE TO BE PART OF CONTRACT.
- PROVIDE ADEQUATE BLOCKING AS REQUIRED IN WALLS AND ROOF STRUCTURE TO SUPPORT ELECTRIC WATER COOLER, LAVATORIES, TOILET FIXTURES AND ACCESSORIES, ELECTRICAL PANELS, ACCESS ROOF LADDER, HANDRAILS, ETC.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL PRODUCTS IDENTIFIED IN THIS DRAWING. SEE APPROVED PRODUCT MANUFACTURERS PURSUANT TO THE 2017 FLORIDA BUILDING CODE.
- JUNCTION BOXES, WHICH SUPPLY POWER TO LIGHTING IN CEILING, SHOULD NOT BE LESS THAN 1'-0\"/>
- ALL DUCT WORK IS TO BE HELD AS TIGHT AS POSSIBLE TO BOTTOM OF ROOF STRUCTURE. EXPOSED DUCT WORK IS TO BE RUN PERPENDICULAR TO STRUCTURE.
- DO NOT SUSPEND ANY ITEMS FROM HORIZONTAL BRIDGING, X-BRACING, PIPING AND CONDUITS, OR ANY WORK BY OTHER TRADES.
- CONTRACTOR IS TO REFER TO MEP DRAWINGS AND PROJECT MANUAL FOR ANY HINGED ACCESS PANELS NOT INDICATED IN ARCH. DWGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ACCESS PANEL LOCATIONS WITH DRYWALL AND TILE WORK.
- ALL PENETRATIONS AT GYPSUM BOARD PARTITION WALLS ARE TO BE THOROUGHLY SEALED IN A MANNER APPROPRIATE TO THE WALL TYPE THAT IS BEING PENETRATED. I.E. WEATHER TIGHT, ACOUSTICAL, NON-RATED AND FIRE RATED. EXPOSED GYPSUM BOARD TO BE SEALED, TAPED AND FLOATED FOR BEST QUALITY APPEARANCE.
- MOUNTING HEIGHTS: WHERE MOUNTING HEIGHTS ARE NOT INDICATED, INSTALL COMPONENTS AT MOUNTING HEIGHTS REQUIRED BY THE MOST RECENT ISSUE OF THE ADA/ANSI 2009 STANDARDS FOR ANY PARTICULAR APPLICATION INDICATED. REFER ANY QUESTIONABLE MOUNTING HEIGHT DECISIONS TO THE OWNER FOR FINAL DECISION.
- DIMENSIONS ARE PROVIDED FOR LOCATION OF PROJECT ELEMENTS. DRAWINGS SHALL NOT BE SCALED.
- DO NOT SCALE DRAWINGS. IF THE G.C. FINDS A CONFLICT IN THE INFORMATION, NOTIFY OWNER FOR CLARIFICATION
- CHEMICAL BARRIER METHOD SHALL BE COMPLETED IN ACCORDANCE WITH FLORIDA BUILDING CODE CHAPTERS / SECTIONS 1503.7 / 1816 AND 2304.11
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF COMPLIANCE WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

Christian Brothers Automotive  
Wickham Road  
Melbourne, Florida

4-8-20  
Date

**Revisions**

1/23/20	- Prototype Update
4/1/20	- City Comments
4/9/20	- T2 Client Rev.

Project No. 19-097

Drawn By:

Date: 03/06/20

Sheet Title:

**COVER SHEET**

Drawing No.

**A-0**

10RHS-11-2019