

ABBREVIATIONS

F $\frac{1}{2}$	FAHRENHEIT	H.B.	HOSE BIBB	SAN.	SANITARY
$\frac{3}{8}$	DIAMETER	H.C.	HANDICAPPED	S.C.	SOLID CORE
AND		HDR.	HEADER	SCHED.	SCHEDULE
@	AT	HDN.	HARDWARE	SECT.	SECTION
#	FOUND OR NUMBER	HT.	HEIGHT	S.F.	STORE FRONT
CL	CENTER LINE	H.M.	HOLLOW METAL	SHT.	SHEET
		HORIZ.	HORIZONTAL	SHTG.	SHEATHING
ACCES.	ACCESSIBLE	HP.	HIGH POINT	SIM.	SIMILAR
A/C	AIR CONDITIONING	HTG.	HEATING	SPEC.	SPECIFICATION
A.F.F.	ABOVE FINISH FLOOR	HDWD.	HARDWOOD	SQ.	SQUARE
ALUM.	ALUMINUM	HYAC	HEATING, VENTILATION, & AIR CONDITIONING	S.S.	STAINLESS STEEL
APPROX.	APPROXIMATE	HW.	HOT WATER	ST.	STREET
ARCH.	ARCHITECTURAL	HWH.	HOT WATER HEATER	STD.	STANDARD
				STL.	STEEL
BD.	BOARD			STOR.	STORAGE
BLDG.	BUILDING	I.D.	INSIDE DIAMETER	STRUC.	STRUCTURAL
BLK.	BLOCK	IN.	INCH	SUSP.	SUSPENDED
BLKS.	BLOCKING	INSUL.	INSULATION	SYM	SYMMETRICAL
BM.	BEAM	INT.	INTERIOR	SYS.	SYSTEM
BOT.	BOTTOM			SW.	SWITCH
BTWN.	BETWEEN	JAN.	JANITOR	SWGR.	SWITCH GEAR
BTU	BRITISH THERMAL UNIT	J.B.	JUNCTION BOX		
B.U.R.	BUILT UP ROOF	JST.	JOIST	T.B.	TACKBOARD
		JT.	JOINT	TEL.	TELEPHONE
CAB.	CABINET	KV	KILOVOLT	T&G	TONGUE AND GROOVE
CATV	CABLE TELEVISION	KVA	KILO VOLT-AMPERE	THK.	THICK
C.B.	CIRCUIT BREAKER	KN	KILOWATT	T.O.B.	TOP OF BEAM
CEM.	CEMENT			T.O.C.	TOP OF CURB
CER.	CERAMIC	LAM.	LAMINATED	T.O.P.	TOP OF PAVING
C.I.	CAST IRON	LAV.	LAVATORY	T.O.R.	TOP OF ROOF
C.J.	CONTROL JOINT	LBS.	POUNDS	T.O.W.	TOP OF WALL
C.L.G.	CEILING	L.F.	LINEAR FEET	TYP.	TYPICAL
CLO.	CLOSET	L.G.	LONG	TV	TELEVISION
CLR.	CLEAR	L.T.G.	LIGHTING		
C.M.U.	CONCRETE MASONRY UNIT	L.V.	LOW VOLTAGE	U.N.O.	UNLESS NOTED OTHERWISE
C.O.	CLEAR OPENING			UR.	URINAL
C/O	CLEAN OUT	MAX.	MAXIMUM	UL	UNDERWRITER'S LABORATORY
COL.	COLUMN	M.B.	MACHINE BOLT	V.W.C.	VINYL WALL COVERING
CONC.	CONCRETE	MDP	MAIN DISTRIBUTION PANEL	VERT.	VERTICAL
CONN.	CONNECTION	MECH.	MECHANICAL	V.T.R.	VENT THROUGH ROOF
CONSTR.	CONSTRUCTION	MED.	MEDIUM	V.P.	VENT PIPE
CONT.	CONTINUOUS	MTL.	METAL	V.C.T.	VINYL COMPOSITION TILE
C.Y.	CUBIC YARD	MFR.	MANUFACTURER		
C.W.	COLD WATER	M.H.	MANHOLE	W/	WITH
		MGR.	MANAGER	W.C.	WATER CLOSET
DBL.	DOUBLE	MFG.	MANUFACTURING	WD.	WOOD
DEPT.	DEPARTMENT	MIN.	MINIMUM	WH.	WATER HEATER
DET.	DETAIL	MISC.	MISCELLANEOUS	W/O	WITHOUT
D.F.	DRINKING FOUNTAIN	M.O.	MASONRY OPENING	W.P.	WEATHERPROOF
DIA.	DIAMETER	MTD.	MOUNTED	W.R.	WATER RESISTANT
DIM.	DIMENSION	MUL.	MULLION	W.W.F.	WELD WIRE FABRIC
DN.	DOWN			WT.	WEIGHT
DP.	DISTRIBUTION PANEL	N.I.C.	NOT IN CONTRACT	W.S.	WATER STOP
DR.	DOOR	NO.	NUMBER		
DS.	DOWN SPOUT	NOM.	NOMINAL	XFMR	TRANSFORMER
DWG.	DRAWING	N.T.S.	NOT TO SCALE		
		O.A.	OVER ALL		
EA.	EACH	O.C.	ON CENTER		
E.I.F.S.	EXTERIOR INSULATION AND FINISHING SYSTEM	O.D.	OUTSIDE DIAMETER		
		OFF.	OFFICE		
E.J.	ELECTRICAL JOINT	OPNG.	OPENING		
ELEC.	ELECTRICAL	OPP.	OPPOSITE		
ELEV.	ELEVATION	OPS.	OPERATIONS		
EN.	ENCLOSURE	OVHD.	OVERHEAD DOOR		
EM.	EMERGENCY				
EP.	ELECTRICAL PANEL	PCF	POUNDS PER CUBIC FOOT		
EQ.	EQUAL	P.C.P.	PRE CAST CONCRETE PANEL		
EQUIP.	EQUIPMENT	P.L.	PROPERTY LINE		
E.M.	EACH WAY	PLT.	PLATE		
EW.	ELECTRIC WATER COOLER	PLM.	PLASTIC LAMINATE		
EXIST.	EXISTING	PLMB.	PLUMBING		
EXT.	EXTERIOR	PLYWD.	PLYWOOD		
		PNL.	PANEL		
F.D.	FLOOR DRAIN	P.P.	POWER POLE		
F.E.	FIRE EXTINGUISHER	PSF	POUNDS PER SQUARE FOOT		
F.F.	FINISH FLOOR	PSI	POUNDS PER SQUARE INCH		
F.H.	FIRE HYDRANT	PTN.	PARTITION		
FIN.	FINISH	PVC	POLYVINYL CHLORIDE		
FIXT.	FIXTURE	PWR.	POWER		
FLR.	FLOOR				
F.L.	FLOW LINE	Q.T.	QUARRY TILE		
FLUOR.	FLUORESCENT				
F.O.F.	FACE OF FINISH	R	ROOF DRAIN		
F.O.M.	FACE OF MASONRY	R.D.	RECEPTION		
F.O.S.	FACE OF STUD	REC.	RECEPTION		
FFM.	FEET PER MINUTE	REF.	REFERENCE		
F.R.P.	FIRE RATED PARTITION	REFR.	REFRIGERATOR		
F.S.	FLOOR SINK	REINF.	REINFORCED		
FT.	FOOT/FEET	REQ.	REQUIRED		
FTG.	FOOTING	RESIL.	RESILIENT		
FUR.	FURRING	REV.	REVISION		
		R&S	ROD AND SHELF		
GA.	GAUGE	RM.	ROOM		
GALV.	GALVANIZED	R.O.	ROUGH OPENING		
G.C.	GENERAL CONTRACTOR	R.O.W.	RIGHT OF WAY		
GEN.	GENERAL				
GL.	GLASS				
GMP.	GALLONS PER MINUTE				
GND.	GROUND				
GR.	GRADE				
GYP.	GYPSUM				



OWNER/DEVELOPER
 Christian Brothers Automotive Corporation
 17725 Katy Freeway, Suite 200
 Houston, TX 77094
 Ph: 281-675-6100 Fax: 281-870-1200
 Contact: Derrick Rodgers; Email: derrick.rodgers@cbac.com
 Contact: Dan Weidner; Email: dan.weidner@cbac.com

**FOR ALL BIDDING/CONSTRUCTION QUESTIONS:
 CONTACT THE OWNER. DO NOT CONTACT THE
 ARCHITECT OR ENGINEERS.**

Signage Graphics
 Contact: Claire Keel
 Email: claire.keel@cbac.com

MEP ENGINEER
 AEdifica Case Engineering
 796 Merus Court
 St. Louis, MO 63026
 Ph: 636-349-1600 Fax: 636-349-1730
 Contact: Mark Ippoliti, P.E., LEED AP
 Email: mippoliti@aedifica.com

ARCHITECT
 Stewart + Reindersma Architecture, PLLC
 5450 E High St., Suite 200
 Phoenix, AZ 85054
 Ph: 480-515-5123
 Project Coordinator: Monique Reindersma
 Cell: 480-452-3335

STRUCTURAL ENGINEER
 AEdifica Case Engineering
 796 Merus Court
 St. Louis, MO 63026
 Ph: 636-349-1600 Fax: 636-349-1730
 Contact: Kyle Linenfelsner, P.E.
 Email: klinenfelsner@aedifica.com

LOCATION MAP



LIST OF DRAWINGS

SHT #	SHEET NAME	REVIEW 2/26/18	PERMIT DATE	REV. 1 DATE	REV. 2 DATE	REV. 3 DATE
A-0	Cover Sheet	●				
A-1	Site Details	●				
A-2	Floor and Enlarged Plans	●				
A-2.1	Finish Floor Plan and Schedules	●				
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-8	Building Sections/Millwork Details	●				
A-8.1	Building Sections/Millwork Details	●				
A-9	Head, Jamb and Sill Details	●				
A-10	Interior Elevations	●				
S-1	General Notes	●				
S-2	General Notes & Details	●				
S-3	Typical Details	●				
S-4	Wood Shop Details & Millwork	●				
S-5	Foundation Plan & Sections	●				
S-6	Foundation Details	●				
S-7	Roof Framing Plan & Details	●				
S-8	Framing Details	●				
S-9	Framing & Elevation at Entrance	●				
M-101	Mechanical Schedules	●				
M-201	Mechanical Floor Plan	●				
M-3.01	Mechanical Details	●				
M-4.01	Mechanical Specifications	●				
E-1.01	Legends & Schedules	●				
E-2.00	Electrical Site Lighting Plan	●				
E-2.01	Electrical Lighting Plan	●				
E-3.01	Electrical Power Plan	●				
E-4.01	Elec. Diagrams & Details	●				
E-4.02	Electrical Interior Elevations	●				
E-4.03	Mechanical/Electrical Bldg 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	●				
P-3.02	Nat. Gas & Compressed Air Plans	●				
P-4.01	Plumbing Riser Diagrams	●				
P-5.01	Plumbing Details	●				
P-6.01	Plumbing Specification	●				
P-6.02	Plumbing Specification	●				

MATERIAL SYMBOLS:

	FACE BRICK		EIF IN SECTION
	CONCRETE MASONRY UNIT		BATT INSULATION
	3/4\" PLYWOOD		STEEL IN SECTION
	SHEET METAL IN ELEVATION		CERAMIC TILE LARGE SCALE
	CERAMIC TILE SMALL SCALE		QUARRY TILE LARGE SCALE
	QUARRY TILE SMALL SCALE		CARPET
	LIGHT WEIGHT CONCRETE OR GROUT		PLASTER OR STUCCO ON METAL LATH
	CONTINUOUS WOOD BLOCKING		GYPSUM BOARD ALL TYPES
	WOOD BLOCKING		METAL STUD PARTITION IN PLAN
	FINISHED OR MILLED WOOD & TRIM		STEEL ANGLE
	CEILING TILE		GLASS & FRAME IN PLAN
	TERRAZZO		DOOR & FRAME IN PLAN
	EXPOSED AGGREGATE		
	RIGID INSULATION		
	BUILT-UP ROOF		

PLAN LEGEND

	EXISTING TO BE REMOVED
	NEW PARTITION
	EXISTING WALL TO REMAIN
	PLAN NOTE
	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:

- INTERNATIONAL BUILDING CODE, 2012 EDITION, W/ GEORGIA AMENDMENTS (2014) (2015) (2017)(2018)
- INTERNATIONAL FIRE CODE, 2012 EDITION, W/ GEORGIA AMENDMENTS (2014)
- SHANNETT COUNTY ORDINANCE FOR FIRE PREVENTION AND PROTECTION ORDINANCE (2012)
- NFPA 101 LIFE SAFETY CODE 2012 EDITION
- ADA STANDARD FOR ACCESSIBLE DESIGN (2010)
- INTERNATIONAL PLUMBING CODE, 2012 EDITION, W/ GEORGIA AMENDMENTS (2014) (2015)
- INTERNATIONAL MECHANICAL CODE, 2012 EDITION, W/ GEORGIA AMENDMENTS (2014) (2015)
- INTERNATIONAL FUEL GAS CODE, 2012 EDITION, W/ GEORGIA AMENDMENTS (2014) (2015)
- NATIONAL ELECTRICAL CODE, 2017 EDITION
- INTERNATIONAL ENERGY CONSERVATION CODE, 2008 EDITION, W/ GEORGIA SUPPLEMENTS AND AMENDMENTS (2011)(2012)

OCCUPANCY: GROUP S-1 AUTOMOTIVE REPAIR
 OCCUPANCY CALCULATIONS: 1 OCC. PER 800 SQ.FT. = 14 OCC. (1041 SQ.FT. BUSINESS); 1 OCC. PER 100 SQ.FT. = 11 OCC. TOTAL = 25 OCCUPANTS

TYPE OF CONSTRUCTION: TYPE V-B
 OCCUPIED BUILDING AREA: 5,041 SQ.FT.
 BUILDING FOUNDATION AREA: 5,575 SQ.FT. (INCLUDES DUMPSTER)

SPRINKLED: NO

No. OF STORIES: SINGLE STORY 24'-0" TALL

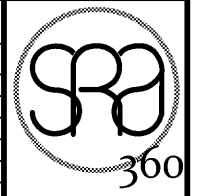
REQUIRED EXITS WIDTH: 32'

SPECIAL PROVISIONS: MAXIMUM TRAVEL DIST. = 200'-0"

GENERAL NOTES

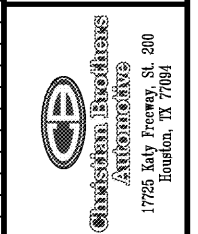
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE, INVESTIGATE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS (PRIOR TO BIDDING THE PROJECT. ADDITIONAL COSTS WILL NOT BE AWARDED FOR EXISTING CONDITIONS WHICH ARE VISIBLE AND/OR CAN BE REASONABLY ANTICIPATED.)
- THE G.C. IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, SITE GRADES, ETC. PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT 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, ACCESS ROOF LADDER, HANDRAILS, ETC.
- NOT USED**
- JUNCTION BOXES, WHICH SUPPLY POWER TO LIGHTING IN CEILING, SHOULD NOT BE LESS THAN 1'-0" ABOVE FINISH CEILING HEIGHT.
- 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.

Order Plans @



STEWART + REINDERSMA ARCHITECTURE, PLLC
 5450 E. High Street, Suite 200
 Phoenix, Arizona 85054
 P: 480.515.5123
 www.sra360.com

Christian Brothers Automotive
 5650 Peachtree Industrial Boulevard
 Norcross, GA 30071



12/18/2018
 Date Signed

Revisions	
2/26/18 - Prototype Update	
11/26/18 - City Comments	
Project No.	18-042
Drawn By:	
Date:	12/18/18
Sheet Title:	
COVER SHEET	
Drawing No.	A-0
	LH9N-09-2018