

ABBREVIATIONS

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



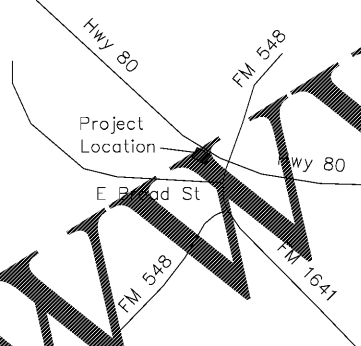
Christian Brothers Automotive

OWNER/DEVELOPER

Christian Brothers Automotive Corporation
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Houston, TX 77094
Ph: 281-675-6100 Fax: 281-870-1200
Contact: Curtis Cain
Email: ccain@cbac.com

Signage Graphics
Contact: Tyshawn Young
Email: tyshawn.young@cbac.com

LOCATION MAP



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

ARCHITECT

Icon Architects, Inc.
6104 Fannin Drive
Arlington, TX 76001
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Project Coordinator: Dana King
Cell: 979-255-6927

MEP ENGINEER

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St. Louis, MO 63026
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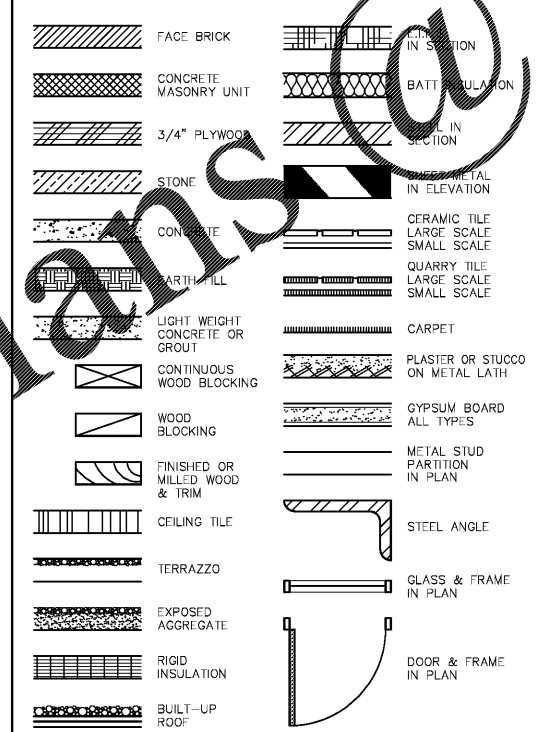
STRUCTURAL ENGINEER

AEdefica Case Engineering
796 Merus Court
St. Louis, MO 63026
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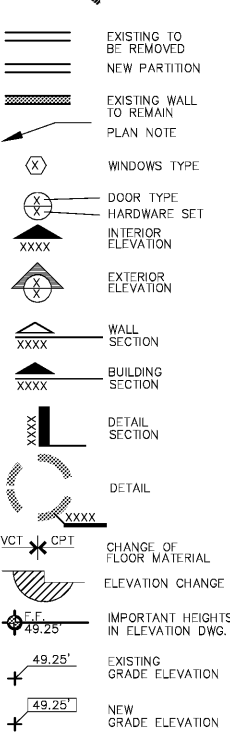
LIST OF DRAWINGS

SHT #	SHEET NAME	REVIEW 4/12/17	PERMIT 4/19/17	REV. 1 DATE	REV. 2 DATE	REV. 3 DATE
A-0	Cover Sheet	●	●			
A-1	Site Details	●	●			
A-2	Floor Plan/Enlarged Plan	●	●			
A-2.1	Finish Floor Plan	●	●			
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-8	Building Sections/Millwork Details	●	●			
A-8.1	Building Sections/Millwork Details	●	●			
A-9	Head, Jamb & Sill Details	●	●			
A-10	Interior Elevations	●	●			
A-10.1	Electrical Interior Elevations	●	●			
S-1	General Notes	●	●			
S-2	General Notes & Details	●	●			
S-3	Architectural Details	●	●			
S-4	Wall Shearwalls & Details	●	●			
S-5	Foundation Plans	●	●			
S-6	Foundation Sections	●	●			
S-7	Roof Framing Plan	●	●			
S-8	Roof Framing & 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	●	●			
ME1.01	Mechanical/Electrical Bldg Sections	●	●			
P-1.01	Plumbing Schedules	●	●			
P-2.01	Plumbing Site Plan	●	●			
P-3.01	Plumbing Floor Plan	●	●			
P-3.02	Plumbing Floor Plan	●	●			
P-4.01	Plumbing Riser Diagrams	●	●			
P-5.01	Plumbing Details	●	●			
P-6.01	Plumbing Specification	●	●			
P-6.02	Plumbing Specification	●	●			
E1.01	Legends & Schedules	●	●			
E2.01	Electrical Lighting Plan	●	●			
E3.01	Electrical Power Plan	●	●			
E4.01	Elec. Site, Det. & Sched.	●	●			
E4.02	Electrical Interior Elevations	●	●			
E5.01	Electrical Specifications	●	●			
E5.02	Electrical Specifications	●	●			

MATERIAL SYMBOLS:



PLAN LEGEND



CODE SYNOPSIS

CODE: INTERNATIONAL BUILDING CODE 2009
INTERNATIONAL PLUMBING CODE 2009
INTERNATIONAL GAS CODE 2009
INTERNATIONAL ELECTRIC CODE 2011
INTERNATIONAL MECHANICAL CODE 2009
INTERNATIONAL FIRE PREVENTION CODE 2009
INTERNATIONAL ENERGY CONSERVATION CODE 2009
TEXAS ACCESSIBILITY STANDARDS 2015

OCCUPANCY: GROUP S-1
AUTOMOTIVE REPAIR

OCCUPANCY CALCULATIONS: 4,721 SQ.FT. STORAGE: 1 OCC. PER 300 SQ.FT. = 16 OCC. 900 SQ.FT. BUSINESS: 1 OCC. PER 100 SQ.FT. = 9 OCC. TOTAL = 25 OCCUPANTS

TYPE OF CONSTRUCTION: TYPE V-B

OCCUPIED BUILDING AREA: 5,621 SQ.FT.
BUILDING FOUNDATION AREA: 5,811 SQ.FT.
BUILDING ROOF EAVE AREA: 5,978 SQ.FT.
DUMPSTER FOUNDATION AREA: 176 SQ.FT.

SPRINKLED: NO

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

REQUIRED EXITING WIDTH: 32'

SPECIAL PROVISIONS: MAXIMUM TRAVEL DIST. = 250'-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, ELECTRIC PANELS, ACCESS ROOF LADDER, HANDRAILS, ETC.
- ALL MAIN AND BRANCH SPRINKLER LINES ARE TO BE RUN WITHIN ROOF STRUCTURE SPACE, WHEREVER POSSIBLE. WHEN LINES ARE RUN BELOW ROOF STRUCTURE, THEY ARE TO BE HELD AS HIGH AS POSSIBLE TO BOTTOM OF STRUCTURE. ANY CHANGES IN LINE PARTING IS TO BE 90 DEGREE, PARALLEL TO STRUCTURE.
- 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.



Christian Brothers Automotive
U.S. Highway 80
City of Forney, Kaufman County, TX



Revisions

4/12/17 - Issued for CBAC Plan Review
4/19/17 - Issued for Permit Plan Review and Bid
Project No. 17-07
Drawn By:
Date: 4/12/17

Sheet Title:

COVER SHEET

Drawing No.

A-0
10RHS-12-2016

Order Plans