

## ABBREVIATIONS

F° φ & @ # C	FAHRENHEIT DIAMETER AND AT POUND OR NUMBER CENTER LINE	H.B. H.C. HDR. HDW. AT HT. H.M. HORIZ. HP. HTG. HDWD. HVAC	HOSE BIBB HANDICAPPED HEADER HARDWARE HEIGHT HOLLOW METAL HORIZONTAL HIGH POINT HEATING HARDWOOD HEATING, VENTILATION, & AIR CONDITIONING HOT WATER HOT WATER HEATER	SAN. S.C. SCH.ED. SECT. S.F. SHT. SHTG. SIM. SPEC. SQ. S.S. ST. STD. STL. STOR. STRUCT. SUSP SYM SYS. SW. SWGR.	SANITARY SOLID CORE SCHEDULE SECTION STORE FRONT SHEET SHEATHING SIMILAR SPECIFICATION SQUARE STAINLESS STEEL STREET STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SYMMETRICAL SYSTEM SWITCH SWITCH GEAR
BD. BLDG. BLK. BLKG. BM. BOT. BTWN. BTU B.U.R.	BOARD BUILDING BLOCK BLOCKING BEAM BOTTOM BETWEEN BRITISH THERMAL UNIT BUILT UP ROOF	I.D. IN. INSUL. INT. JAN. J.B. JST. JT.	INSIDE DIAMETER INCH INSULATION INTERIOR JANITOR JUNCTION BOX JOIST JOINT	T.B. TEL. T&G THK. T.O.B. T.O.C. T.O.P. T.O.R. T.O.W. TYP. TV	TACKBOARD TELEPHONE TONGUE AND GROOVE THICK TOP OF BEAM TOP OF CURB TOP OF PAVING TOP OF ROOF TOP OF WALL TYPICAL TELEVISION
CAB. CATV C.B. CEM. CER. C.I. C.J. CLG. CLO. CLR. C.M.U. C.O. C/O COL. CONC. CONN. CONSTR. CONT. C.Y. C.W.	CABINET CABLE TELEVISION CIRCUIT BREAKER CEMENT CERAMIC CAST IRON CONTROL JOINT CEILING CLOSET CLEAR CONCRETE MASONRY UNIT CLEAR OPENING CLEAN OUT COLUMN CONCRETE CONNECTION CONSTRUCTION CONTINUOUS CUBIC YARD COLD WATER	KV KVA KW LAM. LAV. LBS. L.F. LG. LTG. LV.	KILOVOLT KILO VOLT-AMPERE KILOWATT LAMINATED LAVATORY POUNDS LINEAR FEET LONG LIGHTING LOW VOLTAGE	U.N.O. UR. UL V.W.C. VERT. V.T.R. V.P. V.C.T.	UNLESS NOTED OTHERWISE URINAL UNDERWRITER'S LABORATORY VINYL WALL COVERING VERTICAL VENT THROUGH ROOF VENT PIPE VINYL COMPOSITION TILE
DBL. DEPT. DET. D.F. DIA. DIM. DN. DP. DR. DS. DWG.	DOUBLE DEPARTMENT DETAIL DRINKING FOUNTAIN DIAMETER DIMENSION DOWN DISTRIBUTION PANEL DOOR DOWN SPOUT DRAWING	M.F. M.H. MGR. MFC. MIN. MISC. M.O. MTD. MUL.	MAXIMUM MACHINE BOLT MAIN DISTRIBUTION PANEL MECHANICAL MEDIUM METAL MANUFACTURER MANHOLE MANAGER MANUFACTURING MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MULLION	W/ W.C. WD. W.H. W/O W.P. W.R. W.W.F. WT. W.S.	WITH WATER CLOSET WOOD WATER HEATER WITHOUT WEATHERPROOF WATER RESISTANT WELD WIRE FABRIC WEIGHT WATER STOP
EA. E.I.F.S.	EACH EXTERIOR INSULATION AND FINISHING SYSTEM EXPANSION JOINT	O.A. O.C. O.D. OFF. OPNG. OPP. OPS. OVHD.	OVER ALL ON CENTER OUTSIDE DIAMETER OFFICE OPENING OPPOSITE OPERATIONS OVERHEAD DOOR	W/W.F. W.S.	WELD WIRE FABRIC WATER STOP
E.J. ELEC. ELEV. EN. EM. EP. EQ. EQUIP. E.W. EWC. EXIST. EXT.	ELECTRICAL ELEVATION ENCLOSURE EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT EACH WAY ELECTRIC WATER COOLER EXISTING EXTERIOR	PCF P.C.P. P.L. PLT. PLAV. PLMB. PLYWD. PNL. P.P. PSF PSI PTN. PVC PWR.	POUNDS PER CUBIC FOOT PRE CAST CONCRETE PANEL PROPERTY LINE PLATE PLASTIC LAMINATE PLUMBING PLYWOOD PANEL POWER POLE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PARTITION POLYVINYL CHLORIDE POWER	XFM	TRANSFORMER
F.D. F.E. F.F. F.H. FIN. F.S. FIXT. FLR. F.L. FLUOR. F.O.F. F.O.M. F.O.S. F.P.M. F.R.P. F.S. FT. FTG. FUR.	FLOOR DRAIN FIRE EXTINGUISHER FINISH FLOOR FIRE HYDRANT FINISH FLOOR SINK FIXTURE FLOOR FLOW LINE FLUORESCENT FACE OF FINISH FACE OF MASONRY FACE OF STUD FEET PER MINUTE FIRE RATED PARTITION FLOOR SINK FOOT/FEET FOOTING FURRING	Q.T. R. R.D. RDWD. REC. REF. REFR. R.F. RESIL. REV. R&S RM. R.O. R.O.W.	QUARRY TILE RADIUS RAV RED WOOD RECEPTION REFERENCE REFRIGERATOR REINFORCED REQUIRED RESILIENT REVISION ROD AND SHELF ROOM ROUGH OPENING RIGHT OF WAY	Y	
GA. GALV. G.C. GEN. GL. GMP GND. GR. GYP.	GAUGE GALVANIZED GENERAL CONTRACTOR GENERAL GLASS GALLONS PER MINUTE GROUND GRADE GYPSUM				

# Christian Brothers Automotive

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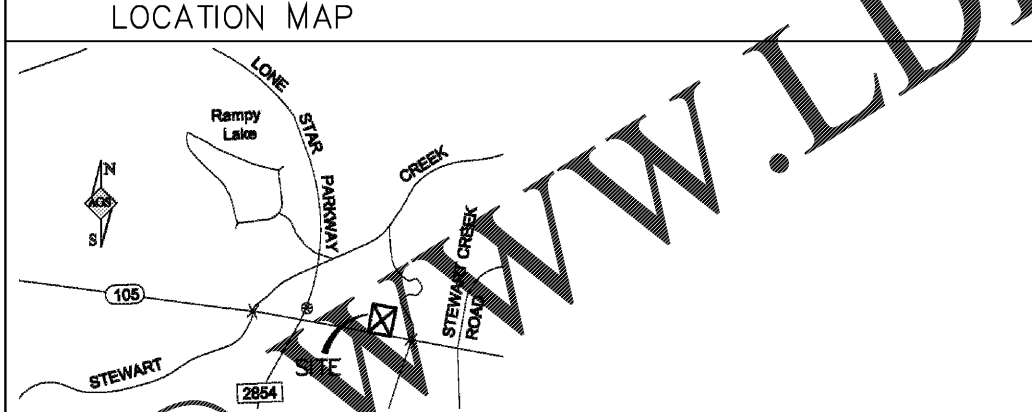
**Signage Graphics**

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

## LIST OF DRAWINGS

SHT #	SHEET NAME	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				
S-3	Schedules				
S-4	Typical Details				
S-5	Wood Sheds & Details				
S-6	Foundation Plan & Sections				
S-7	Foundation Details				
S-8	Roof Framing Plan & Details				
S-9	Framing Details				
S-10	Trimming & Elevation at Entrance				
M1.01	Mechanical Schedules				
M2.01	Mechanical Floor Plan				
M3.01	Mechanical Details				
M4.01	Mechanical Specifications				
E1.01	Legends & Schedules				
E2.01	Electrical Lighting Plan				
E3.01	Electrical Power Plan				
E3.02	Mechanical Power Plan				
E4.01	Elec. Site, Det. & Sched.				
E4.02	Electrical Interior Elevations				
E4.03	Electrical Bldg Sections				
E5.01	Electrical Specifications				
E5.02	Electrical Specifications				
P1.01	Plumbing Schedules				
P2.01	Plumbing Site Plan				
P3.01	Plumbing Floor Plan				
P3.02	Natural Gas and Compressed Air				
P4.01	Plumbing Riser Diagrams				
P5.01	Plumbing Details				
P6.01	Plumbing Specification				
P6.02	Plumbing Specification				



MATERIAL SYMBOLS:	PLAN LEGEND	CODE SYNOPSIS	GENERAL NOTES
FACE BRICK CONCRETE MASONRY UNIT 3/4" PLYWOOD STONE CONCRETE EARTH FILL LIGHT WEIGHT CONCRETE OR GROUT CONTINUOUS WOOD BLOCKING WOOD BLOCKING FINISHED OR MILLED WOOD & TRIM CEILING TILE TERRAZZO EXPOSED AGGREGATE RIGID INSULATION BUILT-UP ROOF	STEEL IN SECTION CERAMIC TILE LARGE SCALE CERAMIC TILE SMALL SCALE QUARRY TILE LARGE SCALE QUARRY TILE SMALL SCALE PLASTER OR STUCCO ON METAL LATH GYPSUM BOARD ALL TYPES METAL STUD PARTITION IN PLAN STEEL ANGLE GLASS & FRAME IN PLAN DOOR & FRAME IN PLAN	<p>CODE:</p> <p>INTERNATIONAL BUILDING CODE 2015 INTERNATIONAL PLUMBING CODE 2015 INTERNATIONAL GAS CODE 2015 INTERNATIONAL ELECTRIC CODE 2014 INTERNATIONAL MECHANICAL CODE 2015 INTERNATIONAL FIRE PREVENTION CODE 2015 INTERNATIONAL ENERGY CONSERVATION CODE 2014</p> <p>OCCUPANCY: GROUP S-1 AUTOMOTIVE REPAIR</p> <p>OCCUPANCY CALCULATIONS: 3,996 SQ.FT. STORAGE: 1 OCC. PER 300 SQ.FT. = 14 OCC. 900 SQ.FT. BUSINESS: 1 OCC. PER 100 SQ.FT. = 9 OCC. TOTAL = 23 OCCUPANTS</p> <p>TYPE OF CONSTRUCTION: TYPE V-B</p> <p>OCCUPIED BUILDING AREA: 4,896 SQ.FT. BUILDING FOUNDATION AREA: 5,496 SQ.FT. (INCLUDES DUMPSTER)</p> <p>SPRINKLED: NO</p> <p>No. of STORIES: SINGLE STORY 24'-0" TALL</p> <p>REQUIRED EXITING WIDTH: 32"</p> <p>SPECIAL PROVISIONS: MAXIMUM TRAVEL DIST. = 200'-0"</p>	<ol style="list-style-type: none"> <li>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.)</li> <li>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.</li> <li>ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CITY AND STATE CODES AND STANDARDS.</li> <li>THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL UTILITY COMPANIES AND PERFORMING ALL WORK REQ. BY THEM.</li> <li>THE CONTRACTOR IS RESPONSIBLE FOR INSURING PROPER COMPACTION OF UTILITY COMPANY TRENCHES.</li> <li>THE CONTRACTOR SHALL PAY FOR AND OBTAIN ALL REQUIRED PERMITS, TAP FEES, AND CERTIFICATES OF OCCUPANCY, UNLESS INSTRUCTED OTHERWISE.</li> <li>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.</li> <li>ALL EXCAVATION, TRENCHING, ETC. REQUIRED IN SUBGRADE TO BE PART OF CONTRACT.</li> <li>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.</li> <li>ALL MEN AND SPANISH SPRINKLER UNITS ARE TO BE RUN WHEN BODI STRUCTURE SPACE. HOWEVER POSSIBLE. WHEN LOW ROOF STRUCTURE, THEY ARE TO BE HELD AS HIGH AS POSSIBLE TO BOTTOM OF STRUCTURE. ANY CHANGES IN LINE POSITION IS TO BE TO BOTTOM OF STRUCTURE.</li> <li>JUNCTION BOXES, WHICH SUPPLY POWER TO LIGHTING IN CEILING, SHOULD NOT BE LESS THAN 1'-0" ABOVE FINISH CEILING HEIGHT.</li> <li>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.</li> <li>DO NOT SUSPEND ANY ITEMS FROM HORIZONTAL BRIDGING, X-BRACING, PIPING AND CONDUITS, OR ANY WORK BY OTHER TRADES.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>DIMENSIONS ARE PROVIDED FOR LOCATION OF PROJECT ELEMENTS. DRAWINGS SHALL NOT BE SCALED.</li> <li>DO NOT SCALE DRAWINGS. IF THE G.C. FINDS A CONFLICT IN THE INFORMATION, NOTIFY OWNER FOR CLARIFICATION.</li> </ol>

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REGISTERED ARCHITECT  
MARK A. BRUCE  
1989  
STATE OF TEXAS  
7/3/19  
Date

**Revisions**

7/3/19 - Issued for City Permit  
Submittal

**Project No. 19-24**

**Drawn By:**

**Date: 7/3/19**

**Sheet Title:**

**COVER SHEET**

**Drawing No.**

**A-0**

9LHS-02-2019