

# MURPHY EXPRESS

## 4400 AUGUSTA RD & OAK DR, LEXINGTON, SOUTH CAROLINA 29073 43'-9 1/2" x 64'-10" MODULAR CONVENIENCE STORE

**GreenbergFarrow**

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**ISSUE RECORD**

DATE	REV.	DESCRIPTION
05/20/2020		PERMIT SUBMISSION SET
06/07/2020	1	OUT TO BID SET



**PROFESSIONAL SEAL**



**PROFESSIONAL IN CHARGE**

SUSAN NELSON KOUSSAS

**PROJECT MANAGER**

JOHN MISHK

**QUALITY CONTROL**

CHRIS CERBO

**DRAWN BY**

SS

**PROJECT NAME**

**MURPHY EXPRESS**

**MURPHY OIL CONVENIENCE STORE**

4400 AUGUSTA RD & OAK DR,  
LEXINGTON  
SOUTH CAROLINA 29073



1801 Rockdale Industrial Blvd.  
Cuyahoga, Georgia 30012  
Voice: (800) 368-6385  
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FMS JOB NUMBER  
C20181975.5  
FMS MODEL NUMBER  
XXXXXX  
**PROJECT NUMBER**  
20181975.5

**SHEET TITLE**

**COVER SHEET, SHEET INDEX & CODE DATA**

**SHEET NUMBER**

**CS1**

**PROTO V2.0**

11/01/2019

ABBREVIATIONS	PROJECT DATA	APPLICABLE CODES	SHEET INDEX																																																																																																																																																																																																																		
<p><b>ABBREVIATIONS</b></p> <p>Δ = ANGLE ∠ = AT C = CENTERLINE O = DIA. OF ROUND # = FOUND OR NUMBER (E) = EXISTING (R) = RELOCATED (N) = NEW</p> <p>AB = ANCHOR BOLT A.F.F. = ABOVE FINISH FLOOR AGGR = AGGREGATE AL = ALUMINUM APPROX = APPROXIMATE ARCH = ARCHITECTURAL ASPH = ASPHALT</p> <p>BD = BOARD BITUM = BITUMINOUS BLDG = BUILDING BLKG = BLOCKING BM = BEAM BOT = BOTTOM BW = BACK OF WALK</p> <p>CAB = CABINET CEM = CEMENT CER = CERAMIC C.I. = CAST IRON C.J. = CONTROL JOINT CLG = CEILING CLR/CL = CLEAR COL = COLUMN CONC = CONCRETE CONSTR = CONSTRUCTION CONT = CONTINUOUS CSTR = COUNTERSUNK CNTR = COUNTER CTR = CENTER</p> <p>DEPT = DEPARTMENT DET = DETAIL DIA = DIAMETER DISP = DISPENSER DN = DOWN DR = DOOR D.S. = DOWNSPOUT DWG = DRAWING</p> <p>E = EAST EA = EACH EL = ELEVATION ELEC = ELECTRICAL EQ = EQUAL EXP = EXPANSION EXT = EXTERIOR</p> <p>F.F. = FLOOR FINISH FDN = FOUNDATION FG = FINISH GRADE FN = FINISH FL = FLOOR FLASHG = FLASHING FLUOR = FLUORESCENT F.O.C. = FACE OF CONCRETE F.O.F. = FACE OF FINISH F.O.S. = FACE OF STUDS F.R.P. = FIBERGLASS REINFORCED F.R.T. = FIRE RETARDANT TREATED PANEL F.S. = FLOOR SINK FT = FOOT ON FEET FTG = FOOTING FURR = FURRING FUT = FUTURE</p> <p>GA = GUAGE GLAV = GALVANIZED GL = GLASS GR = GRADE GB = GRADE BEAM GSM = GALVANIZED SHEET METAL GYP = GYPSUM GYP. BD. = GYPSUM BOARD</p> <p>H.B. = HOSE BIB HOWE = HARDWARE H.M. = HOLLOW METAL HORIZ = HORIZONTAL HR = HOUR HGT = HEIGHT</p> <p>IE = INVERT ELEVATION I.D. = INSIDE DIAMETER INSUL = INSULATION INT = INTERIOR</p> <p>JT = JOINT</p> <p>LAM = LAMINATE LAV = LAVATORY LIP = EDGE OF SWALE OR GUTTER</p> <p>MAX = MAXIMUM MECH = MECHANICAL MEMB = MEMBRANE MFR = MANUFACTURER MIN = MINIMUM MISC = MISCELLANEOUS M.O. = MASONRY OPENING MTD = MOUNTED MUL = MULLION</p> <p>N = NORTH N.I.C. = NOT IN CONTRACT NO. or # = NUMBER NOM = NOMINAL N.T.S. = NOT TO SCALE</p> <p>O.C. = ON CENTER O.D. = OUTSIDE DIAMETER OPNS. = OPENING OPP. = OPPOSITE</p> <p>PE = LEVEL PAVEMENT AT = DISPENSER PIT BOX PL = PLATE PLAM = PLASTIC LAMINATE PLYWD = PLYWOOD P.O.C. = POINT OF CURVATURE P.O.S. = POINT OF SALE</p> <p>R or RAD. = RADIUS R.D. = ROOF DRAIN REF = REFERENCE REINF. = REINFORCED REQD. = REQUIRED RML = ROOM R.O. = ROUGH OPENING R.O.W. = RIGHT OF WAY</p> <p>SCHED. = SCHEDULE SECT. = SECTION SHT. = SHEET SPEC. = SPECIFICATION SQ = SQUARE S.ST. = STAINLESS STEEL STD. = STANDARD STL. = STEEL STR. = STRUCTURAL SYM. = SYMMETRICAL</p> <p>T.C. = TOP OF CURB TG = TOP OF GRATE T &amp; G = TONGUE &amp; GROOVE THK. = THICK TI = TOP OF ISLAND T.O. = TOP OF TOW = TOP OF WALL TP = TOP OF PAVEMENT TS = TOP OF SLAB TW = TOP OF WALK TYP. = TYPICAL</p> <p>UNF. = UNFINISHED U.O.M. = UNLESS OTHERWISE NOTED</p> <p>VERT. = VERTICAL V.I.F. = VERIFY IN FIELD</p> <p>W = WEST W = WITH W.C. = WATER CLOSET WD. = WOOD W/O = WITHOUT WP. = WATERPROOF WST. = WAINSCOT WT. = WEIGHT</p>	<p><b>PROJECT DATA</b></p> <p>PROJECT DESCRIPTION: PROPOSAL FOR A NEW CONVENIENCE STORE AT A FUEL SALES FACILITY (FUEL FACILITY UNDER SEPARATE PERMIT-N.I.C.)</p> <p>TOTAL GROSS BUILDING AREA: 2,824 SF (ONE STORY)</p> <p>CONSTRUCTION TYPE (BUILDING): II-B (NON-SPRINKLERED)</p> <p>OCCUPANCY: M (MERCANTILE)</p> <p>MAX. BUILDING HEIGHT: 18'-6" PROVIDED (55'-0" ALLOWED)</p> <p>ALLOWABLE AREAS: CONVENIENCE STORE: 12,500 SF, CONSTRUCTION TYPE: II-B, AND M OCCUPANCY (COMPLIES W/ TABLE 506.2)</p> <p>PER APPLICABLE BUILDING CODE, SPRINKLER SYSTEM IS NOT REQUIRED IN MERCANTILE OCCUPANCY BUILDINGS WITH AREA LESS THAN 12,000 SF (SECTION 903.2.7)</p> <p><b>CONVENIENCE STORE BUILDING AREA</b></p> <p>1. ACCESSORY STORAGE AREA, MECHANICAL EQUIPMENT ROOM = 209 SF A. AREA OF BACK ROOM UTILITY = 534 SF B. AREA OF WALK-IN COOLER &amp; BEER CAVE = 1,343 SF</p> <p>2. SALES AREA = 347 SF</p> <p>3. AUXILIARY AREA S (HALLWAY, RESTROOMS)</p> <p><b>TOTAL NET FLOOR AREA = 2,433 SF</b></p> <p><b>OCCUPANT LOAD</b></p> <p>1. ACCESSORY STORAGE AREA, MECHANICAL EQUIPMENT ROOM: 743 SF / 300 = 3 OCC. 2. SALES AREA: 1,343 SF / 90 = 23 OCC.</p> <p><b>TOTAL OCCUPANT LOAD = 25 OCCUPANTS</b></p> <p><b>EXITING</b></p> <p>EXITS REQUIRED: 1 (FOR MAX. 49 OCCUPANTS AND MAX. 75' TRAVEL DISTANCE PER TABLE 1006.2.1) EXITS PROVIDED: 2 (25 OCCUPANTS AND 72' MAX. TRAVEL DISTANCE TO EXIT)</p> <p>EGRESS WIDTH REQUIRED: 26 OCCUPANTS X 0.2" = 5.2" EGRESS WIDTH PROVIDED: 33" + 68" = 101"</p> <p><b>PLUMBING FIXTURES:</b></p> <p>TWO MULTIPLE OCCUPANCY ACCESSIBLE RESTROOMS ARE BEING PROVIDED, ONE FOR EACH SEX</p> <p>PER SECTION 403.1 TABLE 403.1 OF THE 2018 INTERNATIONAL PLUMBING CODE DRINKING FOUNTAINS ARE REQUIRED. ONE HIGH-LOW ADA COMPLIANT DRINKING FOUNTAIN IS PROVIDED</p>	<p><b>APPLICABLE CODES</b></p> <p><b>FOR THE STATE OF SOUTH CAROLINA:</b></p> <p>2018 INTERNATIONAL BUILDING CODE WITH SC MODIFICATIONS 2018 INTERNATIONAL FIRE CODE WITH SC MODIFICATIONS 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL MECHANICAL CODE WITH SC MODIFICATIONS 2009 INTERNATIONAL ENERGY CONSERVATION CODE / 2007 ASHRAE 90.1 2018 INTERNATIONAL FUEL GAS CODE WITH SC MODIFICATIONS 2017 NATIONAL ELECTRICAL CODE (NEC) WITH SC MODIFICATIONS</p> <p><b>FOR THE CITY OF LEXINGTON:</b></p> <p>2018 INTERNATIONAL BUILDING CODE WITH SC MODIFICATIONS 2018 INTERNATIONAL FIRE CODE WITH SC MODIFICATIONS 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL MECHANICAL CODE WITH SC MODIFICATIONS 2009 INTERNATIONAL ENERGY CONSERVATION CODE / 2007 ASHRAE 90.1 2018 INTERNATIONAL FUEL GAS CODE WITH SC MODIFICATIONS 2017 NATIONAL ELECTRICAL CODE (NEC) WITH SC MODIFICATIONS</p>	<p><b>SHEET INDEX</b></p> <table border="1"> <thead> <tr> <th>MURPHY NO.</th> <th>SHEET NAME</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>CS1</td> <td>COVER SHEET, SHEET INDEX &amp; CODE DATA</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A1</td> <td>ACCESSIBILITY STANDARD NOTES &amp; DETAILS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A2</td> <td>EGRESS/ACCESSIBILITY FLOOR PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A3</td> <td>STRUCTURAL GENERAL NOTES</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ARCH/STRUC</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E1</td> <td>EXTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E2</td> <td>EXTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E3</td> <td>FLOOR PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E4</td> <td>FLOOR FRAMING PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E5</td> <td>ROOF FRAMING PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E5-1</td> <td>OUTRIGGER FRAMING PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E6</td> <td>SECTION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E6a</td> <td>SECTION (ALTERNATE)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E7</td> <td>SECTION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E7a</td> <td>SECTION (ALTERNATE)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E8</td> <td>SECTION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E8a</td> <td>SECTION (ALTERNATE)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E9</td> <td>SECTION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E9a</td> <td>SECTION (ALTERNATE)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E10</td> <td>SECTION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E10a</td> <td>SECTION (ALTERNATE)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E11</td> <td>INTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E12</td> <td>INTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E13</td> <td>INTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E14</td> <td>FLOOR FINISH PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ELECTRICAL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>EL1</td> <td>ELECTRICAL PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EL2</td> <td>LIGHTING PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EL3</td> <td>ELECTRICAL DETAILS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EL4</td> <td>ELECTRICAL PANEL SCHEDULE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>PLUMBING</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P1</td> <td>PLUMBING PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>P2</td> <td>PLUMBING &amp; WATER RISER</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MECHANICAL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>M1</td> <td>MECHANICAL PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>MECHANICAL ROOF PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FOUNDATION</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>F1</td> <td>FOUNDATION PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>F2</td> <td>FOUNDATION DETAILS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GENERAL CONTRACTOR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GC1</td> <td>GENERAL CONTRACTOR SCOPE OF WORK</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MURPHY NO.	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SYMBOL LEGEND	KEY PLAN	VICINITY PLAN	MODULAR CONSTRUCTION
<p><b>ROOM TAGS</b></p> <p><b>ROOM NAME</b></p> <p>150 SF → SQUARE FOOTAGE</p> <p>Name → LEVEL HEAD</p> <p>Elevation → SPOT ELEVATION</p> <p>⊕ → NORTH ARROW</p> <p>⊕ → CENTERLINE</p> <p>⊕ → PARTITION TYPE</p> <p>⊕ → REVISION TAG</p> <p>⊕ → GRID HEAD</p> <p>⊕ → DETAIL CALL-OUT</p> <p>⊕ → DETAIL NUMBER</p> <p>⊕ → SHEET NUMBER</p> <p><b>INTERIOR ELEVATIONS</b></p> <p>⊕ → DETAIL NUMBER</p> <p>⊕ → SHEET NUMBER</p> <p><b>SECTION HEADS</b></p> <p>⊕ → BUILDING SECTION</p> <p>⊕ → DETAIL NUMBER</p> <p>⊕ → SHEET NUMBER</p> <p><b>TYPICAL WALL SECTION</b></p> <p>⊕ → DETAIL NUMBER</p> <p>⊕ → SHEET NUMBER</p> <p><b>DETAIL CALL-OUT</b></p> <p>⊕ → DETAIL NUMBER</p> <p>⊕ → SHEET NUMBER</p>	<p><b>KEY PLAN</b></p> <p>SCOPE OF WORK - CONVENIENCE STORE</p> <p>FUEL CANOPY - UNDER SEPARATE APPLICATION</p>	<p><b>VICINITY PLAN</b></p> <p>PROJECT SITE</p>	<p><b>MODULAR CONSTRUCTION</b></p> <p>ITEMS TO BE INSTALLED IN FIELD, SUBJECT TO LOCAL CODE</p> <p>HVAC UNITS AND CONDENSERS MOUNTED BY FMS AND ELECTRICAL HOOK-UP BY SITE ELECTRICIAN</p> <p>ALL OTHER ITEMS BY GC/SITE CONTRACTOR</p> <p>HVAC CONDENSER UNITS C.T. CAN. METER AND DISCONNECT WATER METER ALL SITE WORK INCLUDING FOUNDATION</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>THESE BUILDINGS WILL BE LOCATED A DISTANCE GREATER THAN 20'-1" FROM PROPERTY LINES OR INTERIOR LOT LINES.</li> <li>THIS BUILDING WILL NOT BE LOCATED IN A FLOOD PRONE AREA.</li> <li>THE SITE CONTRACTOR IS TO PROVIDE HANDICAPPED ACCESSIBILITY TO ALL DOORS OF THE BUILDING.</li> <li>ALL ITEMS REQUIRED UNDER PART III 28CFR36 TO BE PROVIDED ON SITE BY THE OWNER</li> <li>MFG DATA PLATE, STATE INSIGNIA AND 3RD PARTY INSPECTION LABEL ARE LOCATED AS SHOWN ON E3.</li> </ol> <p><b>SPECIAL INSPECTOR:</b></p> <p>PFS CORPORATION 1507 MATT PASS COTTAGE GROVE, WI 53527 P: 808-885-1013</p>

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