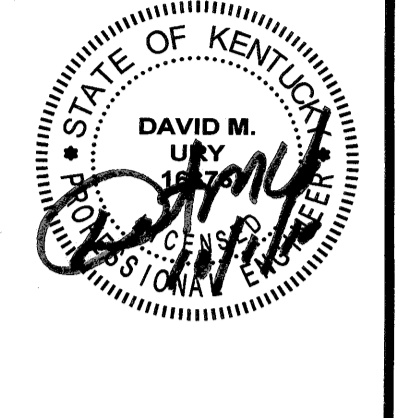
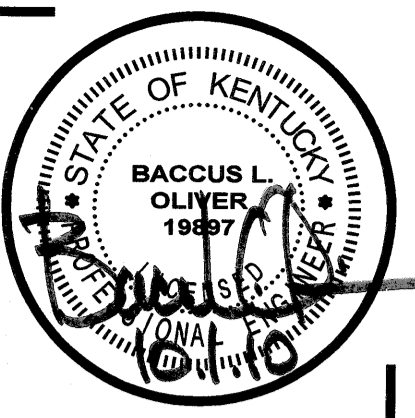


SITE UTILITY NOTES

- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING IN ORDER TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE BID DATE.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE KENTUCKY BUILDING CODE, KENTUCKY STATE PLUMBING CODE, NATIONAL ELECTRIC CODE AND OTHER LOCAL, STATE AND NATIONAL BUILDING CODES THAT APPLY.
- THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, APPLICABLE PERMITS AND "TAP-ON" FEES.
- NEW CONNECTIONS TO UTILITIES SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANIES.
- THESE PLANS ARE SCHEMATIC IN NATURE AND INDICATE THE APPROXIMATE AND GENERAL LOCATION OF THE WORK. CONTRACTOR SHALL INSTALL WORK THROUGH COORDINATION WITH OTHER TRADES AND TO SUIT FIELD CONDITIONS.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS AND LOCATIONS OF ALL TIE-IN POINTS BEFORE INSTALLING ANY UNDERGROUND PIPING OR CONDUITS.
- VERIFY ALL DIMENSIONS BEFORE FABRICATION.
- USE EXTREME CAUTION WHEN EXCAVATING. UNDERGROUND UTILITIES ILLUSTRATED ARE APPROXIMATE AND ARE SHOWN TO ALERT CONTRACTOR TO THEIR PRESENCE. CONTRACTOR MUST LOCATE/VERIFY UTILITIES BY HAND EXCAVATION.
- CONTRACTOR SHALL PATCH AND REPAIR ALL WALKS, DRIVES, GRASS AND ETC. DAMAGED IN THE COURSE OF CONSTRUCTION. THESE REPAIRS SHALL MATCH EXISTING ALIKE ITEMS IN THE AREA.
- PIPING MATERIALS SHALL BE LISTED EQUIVALENT GRADE OR BETTER.
UNDERGROUND: GAS - COATED/CORROSION PROTECTED
- ALL OUTSIDE CLEANOUTS SHALL TERMINATE AT GRADE AND BE EMBEDDED IN CONCRETE AS DETAILED. FINISHED DIMENSIONS SHALL BE 18"W X 18"L X 6"TK MINIMUM.
- DIELECTRIC CONNECTIONS SHALL BE USED AT ALL DISSIMILAR MATERIAL PIPING JOINTS.
- ALL CONSTRUCTION SHALL COMPLY WITH OSHA AND OTHER APPROPRIATE SAFETY STANDARDS.
- FURNISH AND INSTALL COMPLETE AND FUNCTIONAL SYSTEMS REGARDLESS OF WHETHER OR NOT ALL ELEMENTS ARE SPECIFICALLY CALLED OUT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION AND BACKFILL REQUIRED FOR THE INSTALLATION OF THE WORK. PROVIDE STREET PLATES, BARRICADES, WARNING LIGHTS, SHORING, BRACING, DE-WATERING EQUIPMENT AND ETC. AS REQUIRED. CONDUCT EXCAVATION SO THAT WALLS, FOOTINGS AND ADJOINING PROPERTY ARE NOT DISTURBED OR INJURED. PROPERLY DISPOSE OF SPOILS OFF-SITE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL COORDINATE THE ELEVATIONS OF THE DIFFERENT UNDERGROUND PIPING AND CONDUIT SYSTEMS TO INSURE THAT THE ELEVATIONS OF PIPE AND/OR CONDUITS WILL NOT CONFLICT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL SYSTEM MARKER TAPE ABOVE EACH UNDERGROUND UTILITY SYSTEM.



SITE LIGHTING SCHEDULE

(APPLIES TO THIS DRAWING ONLY)

TAG	MANUFACTURER	CATALOG NUMBER	LAMP	NOTES
AA	HYDREL OR EQUAL	4758 2/28T5 MVOLT MFL KM PLPKX LP35K BZ	2-28W T5	FURNISH WITH BASE AS DETAILED, CUSTOM COLOR BY ARCHITECT.
BB	HYDREL OR EQUAL	7100 70M 120 VFL KM QRS LPI BZ	1-70W MH	FURNISH WITH BASE AS DETAILED, CUSTOM COLOR BY ARCHITECT.

SITE LEGEND

SYMBOL	DESCRIPTION
— W —	WATER
— G —	NEW NATURAL GAS
— SS —	SANITARY SEWER
— POC —	POINT OF CONNECTION
— UE —	UNDERGROUND ELECTRIC
— UT —	UNDERGROUND TELEPHONE
— UC —	UNDERGROUND COMMUNICATIONS
— OE —	OVERHEAD ELECTRIC

BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT KENTUCKY 811 @ 811 OR 1-800-752-6007 FOR EXACT LOCATION OF BURIED UTILITIES PRIOR TO EXCAVATION OPERATIONS.



Call 811 or 800-752-6007
www.kentucky811.com

IT'S THE LAW

ELECTRICAL CONSTRUCTION NOTES

(APPLIES TO THIS DRAWING ONLY)

- NEW RISER BY UTILITY COMPANY. FIELD COORDINATE ACTUAL LOCATION OF POLE WITH UTILITY COMPANY.
- NEW TERMINAL BOX BY UTILITY COMPANY, INSTALLED BY E.C.
- FOR CONTINUATION SEE DRAWING E-4.
- FOR CONTINUATION SEE DRAWING E-2.
- LOOP THRU ASTRONOMICAL TIME CLOCK LOCATED IN MECH. 112.
- FUELING SYSTEM TO BE FURNISHED BY OWNER (N.I.C.). CONTRACTOR TO COORDINATE FUELING STATION LOCATION WITH OWNER. CONTRACTOR TO FURNISH AND INSTALL THREE (3) 1-1/2" C WITH PULLSTRING (1-POWER, 2-COMMUNICATIONS) AND STUB CONDUIT UP 6" ABOVE GRADE AND CAP.

MECHANICAL CONSTRUCTION NOTES

(APPLIES TO THIS DRAWING ONLY)

- 4" SANITARY SEWER PIPING. SEE DRAWING P-2 FOR CONTINUATION.
- GAS PIPING. SEE DRAWING P-2 FOR CONTINUATION.
- 2" WATER PIPING. SEE DRAWING P-2 FOR CONTINUATION.
- 1/2" COATED GAS PIPING TO GAS POWERED LIGHTS. BURY 36" BELOW GRADE MINIMUM. INSTALL LIGHTS AND CONNECT GAS TO BOTH.
- 1/2" GAS PIPING. SEE DRAWING P-2 FOR CONTINUATION.
- 4" SANITARY SEWER PIPING. SEE DRAWING P-3 FOR CONTINUATION.
- 4" VENT PIPING FROM OWS-1. SEE DRAWING P-3 FOR CONTINUATION.
- 3" POLYETHYLENE GAS PIPING TO GENERATOR. BURY 36" BELOW GRADE MINIMUM. SEE DRAWING P-3 FOR CONTINUATION.
- 2" WATER PIPING. SEE DRAWING P-3 FOR CONTINUATION.
- GAS PIPING. SEE DRAWING P-3 FOR CONTINUATION.

NOTICE
SEE CIVIL DRAWINGS FOR SITE GRADING AND ELEVATIONS.

MARCUM ENGINEERING, LLC
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PHONE - 270.444.9274 FAX - 270.443.1904

castleberry megregor swinford ARCHITECTS
BENTON GAS SYSTEM
Project No. 10560
U-1 of 2
DATE 10/01/10