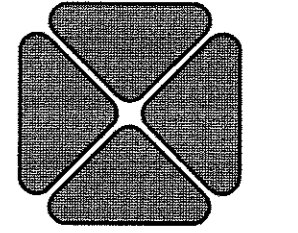
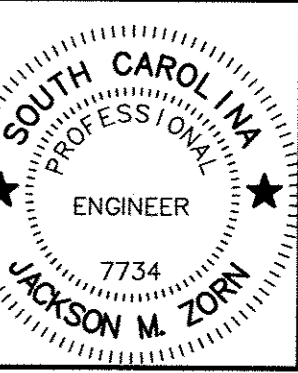


DATE	REVISION
11-26-03	ISSUED FOR PRICING AND PERMITTING
1-6-04	ADDED IRRIGATION METER AND HOSE BIB NOTE

**McKAY ZORN & ASSOCIATES, P.A.**  
ENGINEERS  
ARCHITECTS  
GREENVILLE, S.C.  
SOUTH CAROLINA  
PHONE 864-277-0910  
FAX 864-277-0910

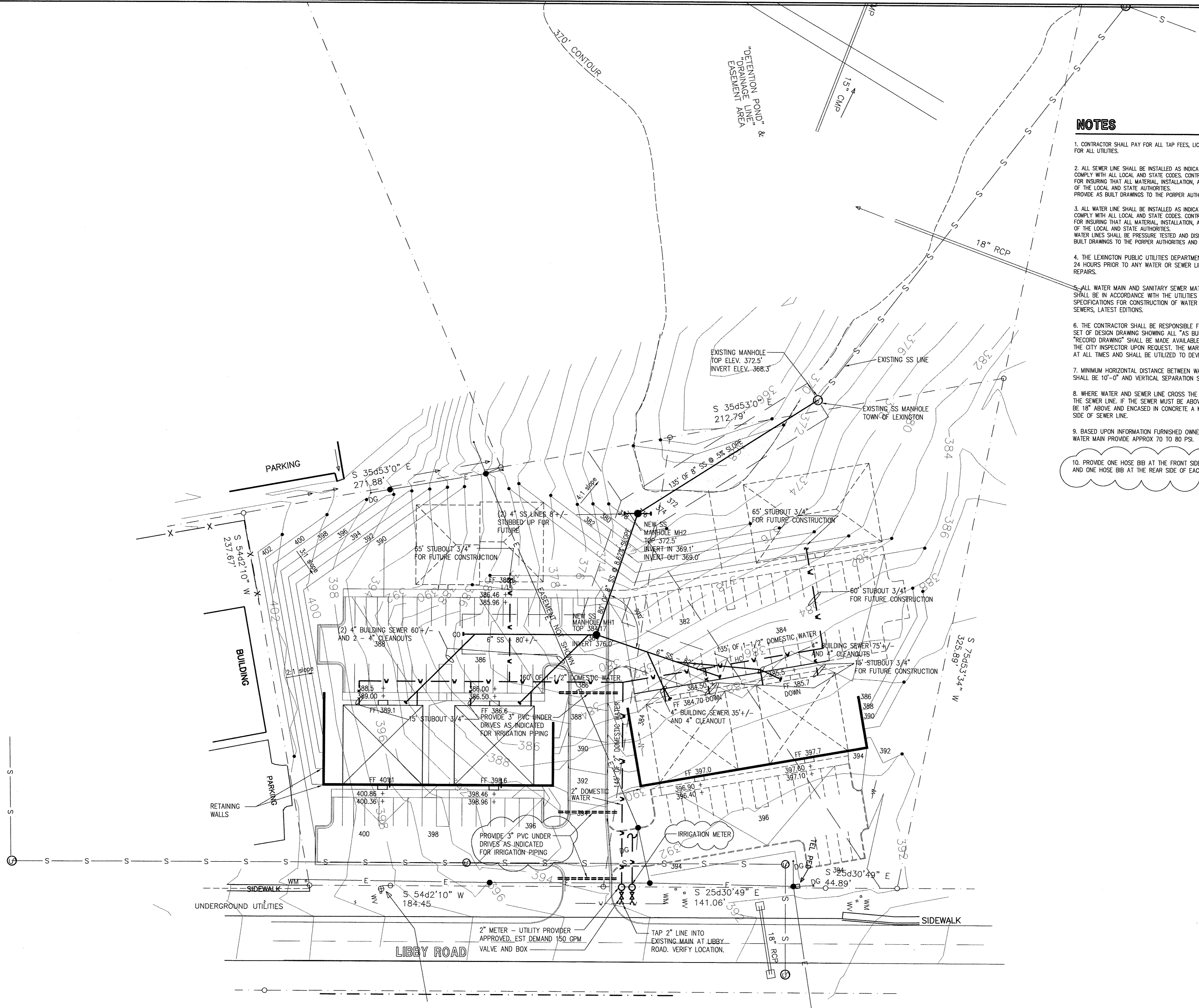


PROJECT: MAGNOLIA OFFICE PARK  
LIBBY ROAD  
LEXINGTON, S.C.  
SHEET NAME: UTILITIES PLAN

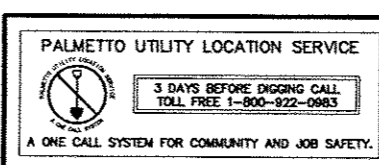


SHEET NO.  
C3

- NOTES**
- CONTRACTOR SHALL PAY FOR ALL TAP FEES, LICENSES, AND IMPACT FEES, FOR ALL UTILITIES.
  - ALL SEWER LINE SHALL BE INSTALLED AS INDICATED. ALL SEWER LINE WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT ALL MATERIAL, INSTALLATION, AND TESTING MEET THE APPROVAL OF THE LOCAL AND STATE AUTHORITIES. PROVIDE AS BUILT DRAWINGS TO THE PROPER AUTHORITIES AND THE ENGINEER.
  - ALL WATER LINE SHALL BE INSTALLED AS INDICATED. ALL WATER LINE WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT ALL MATERIAL, INSTALLATION, AND TESTING MEET THE APPROVAL OF THE LOCAL AND STATE AUTHORITIES. WATER LINES SHALL BE PRESSURE TESTED AND DISINFECTED AS REQUIRED. PROVIDE AS BUILT DRAWINGS TO THE PROPER AUTHORITIES AND THE ENGINEER.
  - THE LEXINGTON PUBLIC UTILITIES DEPARTMENT SHALL BE NOTIFIED 24 HOURS PRIOR TO ANY WATER OR SEWER LINE CONSTRUCTION OR REPAIRS.
  - ALL WATER MAIN AND SANITARY SEWER MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE UTILITIES PROVIDER'S "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF WATER MAINS AND SANITARY SEWERS, LATEST EDITIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWING SHOWING ALL "AS BUILT" CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO THE DESIGNER AND/OR THE CITY INSPECTOR UPON REQUEST. THE MARK-UPS SHALL BE AT THE SITE AT ALL TIMES AND SHALL BE UTILIZED TO DEVELOP FINAL RECORD DRAWINGS.
  - MINIMUM HORIZONTAL DISTANCE BETWEEN WATER AND SEWER LINES SHALL BE 10'-0" AND VERTICAL SEPARATION SHALL BE 18"
  - WHERE WATER AND SEWER LINE CROSS THE WATER SHALL BE 18" ABOVE THE SEWER LINE. IF THE SEWER MUST BE ABOVE THE WATER LINE, IT SHALL BE 18" ABOVE AND ENCASED IN CONCRETE A MINIMUM OF 10'-0" ON EACH SIDE OF SEWER LINE.
  - BASED UPON INFORMATION FURNISHED OWNER, CONDITIONS AT EXISTING WATER MAIN PROVIDE APPROX 70 TO 80 PSI.
  - PROVIDE ONE HOSE BIB AT THE FRONT SIDE OF EACH BUILDING AND ONE HOSE BIB AT THE REAR SIDE OF EACH BUILDING.



1 UTILITIES PLAN  
C3 SCALE: 1"=30'-0"



**\*\*\*CAUTION\*\*\***  
THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.