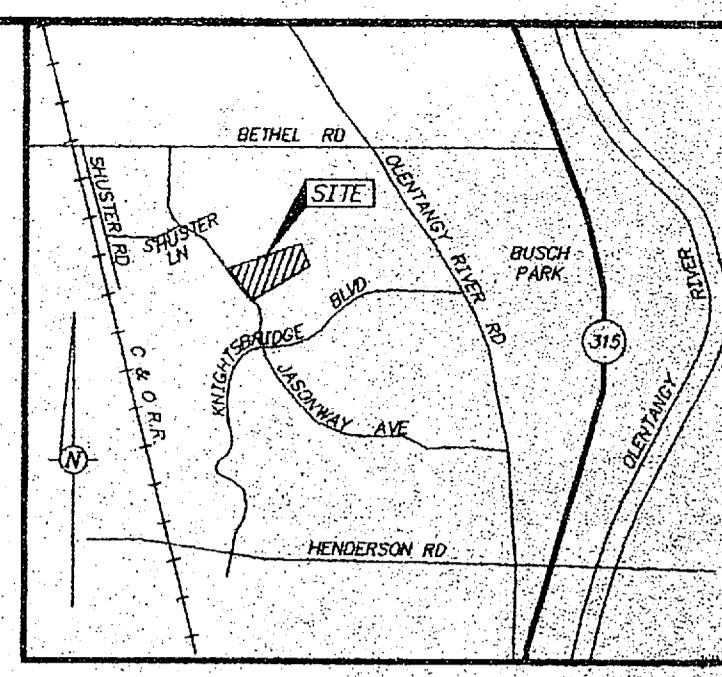
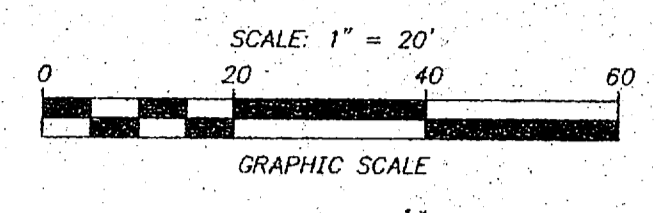


**BENCH MARK**  
 W. Bolt of Fire Hydrant, 24'± S. of N.W. corner of site,  
 E. side of Jasonway Avenue.  
 Elev. 787.53  
 (U.S.C.S. Datum)



LOCATION MAP  
NO SCALE

**GENERAL NOTES**

The City of Columbus Construction and Material Specifications, dated 1993 including all supplements thereto, shall govern all construction items that are a part of this plan unless otherwise noted.

All waterline installations shall be in accordance with the current rules and regulations of the City of Columbus, Division of Water.

The Contractor shall notify the following divisions at least 24 hours in advance of the anticipated start of construction:  
 Division of Water: 645-7788  
 Division of Sewerage & Drainage: 645-3182  
 Division of Construction: 645-3182

The Contractor shall perform all work in accordance with applicable federal, state and local safety requirements.

Location, support, protection, and restoration of all water lines, services, and appurtenances shall be the responsibility of the Contractor. All individual service lines may not be shown and should be located by the Contractor prior to excavation. Call 645-7788 if assistance is needed in locating these services.

Water mains shall be laid a minimum of 4'-0" from top of finished grade to the top of water main.

In case of conflict in grade between waterlines and storm sewers, the waterlines shall be lowered during construction.

All existing valves shall be operated by Division of Water personnel only as stated in Chapter 1113 of the Columbus City Code.

Excavation and backfilling of all water line trenches shall be in accordance with Item 801.09 of the Specifications.

Any valve located within existing or proposed pavement, driveways or other traveled areas which does not currently have a heavy duty valve box shall be provided with such. Cost shall be included in Item 804.

All water mains shall be disinfected in accordance with Item 801.13 of the C.M.S.C. Special attention is directed to applicable sections of A.W.W.A. C-65, particularly for flushing (Section 5) and for chlorinating valves and for fire hydrants (Section 7).

The Site Contractor shall deposit with the City of Columbus the total estimated cost for construction inspection, prior to any construction activity.

**EXISTING UTILITIES**

The identity and location of the existing underground utilities known to be located in the construction area have been shown on the plans as accurately as possible in accordance with information provided by the Owners of the respective utilities. The City of Columbus and/or Engineer assumes no responsibility as to the accuracy of the location or depths of the underground facilities shown on these plans.

Support, protection and restoration of all existing utilities and appurtenances shall be the responsibility of the Contractor. The cost of this work shall be included in the price bid for the various items.

The Contractor shall notify the Ohio Utilities Protection Service (1-800-362-2764 - Toll Free) and the Owners of all underground utility facilities shown on the plans who are not members of a registered underground protection service in accordance with Section 153.64 of the Revised Code. Notice shall be given at least two working days prior to the start of construction.

The following utilities are located within the work limits of this project, and the Owners do not subscribe to a registered underground utility protection service.

UTILITY	OWNER	TELEPHONE
Sanitary Sewer & Storm Sewer	City of Columbus (Division of Sewerage & Drainage) 910 Dublin Road Columbus, Ohio 43215	645-8156
Water Facilities	City of Columbus (Division of Water) 910 Dublin Road Columbus, Ohio 43215	645-7788

Any modifications to the specifications or changes to the work as shown on the drawings must have prior written approval by the Administrator of the Division of Sewerage and Drainage.

Roof drains, foundation drains, and other clean water connections to the sanitary sewer system are prohibited on this project.

Service risers, Item 914, shall be installed where depths from the wyes to the existing or the proposed elevations exceed 10 feet. The tops of the risers shall be 9'± below the existing or proposed surface elevation, whichever is higher, unless otherwise noted.

**NOTE TRENCH BACKFILL:**

All Trenches under pavement within public Right-of-Way or where the front face of trenches, paralleling the pavement, is within 24 inches of the face of curb or edges of pavement shall be backfilled with compacted granular material as per Item 912. The material shall extend laterally 36" beyond the face of curb or edge of pavement. All other trench backfill within the Right-of-Way 3 feet or more from the pavement and storm sewer crossings, shall be as per Item 911.

The first 36 inches of backfill above the top of pipe, shall be filled with a material that meets the following gradation.

Sieve	Total Passing % by Weight
1"	100
No. 8	3-5

or Control Density Fill per Item 912.02. Sewers deeper than 15 feet and constructed between May 1 and November 15 may use approved materials excavated from the trench provided the Owner hires an approved testing laboratory to test and certify to the City that the compaction meets the requirements of Item 911, compacted backfill.

The Developer/Owner shall, prior to any construction operation, deposit with the City the total estimated costs for inspection.

All P.V.C. sewer lines shall be deflection tested after installation, in conformance with the requirements of Item 901 of the City of Columbus Construction and Material Specifications, current version.

**ESTIMATE OF QUANTITIES**

ITEM	QUANTITY	UNIT	DESCRIPTION
803	1	Eq.	8"x 4" Tapping Sleeve and Appurtenances
805	16	L.F.	4" Water Service, Pipe w/Type I Bedding
914	13	L.F.	6" Diameter Pipe Riser
915	1	Eq.	Kor-n-tee Connector (or Equal) per AA-S162
918	32	L.F.	6" Sanitary Service Pipe w/Type I Bedding

**STANDARD DRAWINGS**  
 The standard drawings listed on these plans shall be considered a part thereof.

Sanitary	Water
AA-S149	L-6101
AA-S151	L-6306
AA-S160	L-6309
AA-S162	

(A) Coordinate location with plumbing contractor.

**PRELIMINARY** SUBJECT TO REVISION AND NOT TO BE USED FOR CONSTRUCTION

**C.F. BIRD & R.J. BULL, INC.**  
 ENGINEERS / SURVEYORS  
 2875 W. DUBLIN GRANVILLE RD.  
 COLUMBUS, OHIO

COLUMBUS, OHIO

**UTILITY PLAN FOR JASONWAY MEDICAL CENTER**

SCALE: 1" = 20'  
 DWN: DES CKD: DAD DATE: 7/08/96 JOB NO: 92-145

P:\LABS\DWG\92-145\UTIL\JASONWAY.MXD (PLOT) - JAS\WBES