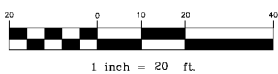


UTILITY PLAN
(EXISTING)



Order Plans @

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Utility Notes

- The site utility plan is for sanitary sewer and water line construction only. Do not use for grading or storm sewer construction.
- All pipe lengths are horizontal distances and are approximate.
- All domestic water and sanitary sewer stubs to be terminated 5 feet outside of the building unless otherwise noted. The end of these service lines shall be tightly plugged or capped and marked until such time as connection is made inside building by plumbing contractor. See detail sheets for fire line riser detail.
- Site utility contractor shall provide all the materials and appurtenances necessary for the complete installation of the utilities. All pipe and fittings shall be inspected by the water department inspector prior to being covered. The inspector must also be present during pressure testing and disinfection of laterals and his signature of approval is required.
- All work shall comply with all applicable codes, regulations, and/or local standards imposed by Local Utility System and the City of Chattanooga.
- The site utility contractor shall make arrangements with the local utility authority for connection to the existing mains and pay all applicable fees.
- All water lines shall have a minimum cover of 36" above finished pipe.
- Contractor shall adjust location of proposed water lines as required to avoid conflicts with storm sewer or other utilities at no extra cost.
- Based on the current edition of the International Plumbing Code, cleanouts are required at a maximum spacing of 100 feet on utility lines to building. Contractor provide a cleanout within 5 feet of building end at all bends.
- The site utility contractor shall coordinate and work with all other contractors on site.
- All mains shall be as listed and approved by the local utility company unless directed otherwise by engineer.
- The existing utility facilities and locations shown on the drawings are taken from readily available information. The actual locations of the utility facilities may vary somewhat from the locations shown or indicated on the drawings. The site utility contractor shall contact all agencies with utility facilities in the vicinity of the work and shall locate all underground facilities before beginning work. The contractor shall protect all utility facilities and repair any damages resulting from their work, in conformance with the contract documents and specifications and relocate if required.
- Use only ductile iron water pipe and fittings for water lines over 2"Ø. Pipes 2"Ø and smaller may be Type K copper. Fittings shall be copper or cast bronze. Joints shall be solder or flare tube type. Sewer pipe shall be SDR-35 PVC.
- Utility lead-ins to building shall not be installed until building plans are completed and locations established on the architectural plumbing plans. Lead-ins may change 15' horizontally and 3' vertically prior to installations at no additional cost to the owner. Utility contractor shall request and receive written approval from prime contractor prior to installation of lead-ins. Location, size, and invert elevations of sanitary sewer shall be coordinated with the approved plumbing plans for the building.
- Building plumbing contractor shall pay all cost for water meters, meter boxes, valves, etc. to provide a complete job per local authority requirements.
- Thrust blocks shall be provided at all tees, elbows, and bends of sufficient size to comply with minimum standards of N.F.P.A. - existing soil conditions.
- Should latent soil conditions necessitate, contractor shall install special supports for piping and/or appurtenances including the removal of unsuitable material and backfilling with gravel or other material. Contractor shall perform any such work as directed by the civil engineer and/or soils engineer at no cost to owner.
- Contractor to coordinate all work with other utility installations not covered in these plans (electric, telephone, gas, cable, etc.) and allow for their operations and construction to be prepared.
- Sprinkler mains are to be stubbed 18" inside building and turned up 12" above f.f.e. unless otherwise noted. See detail on detail sheets. Contractor shall verify licensing requirements for installation of fire lines prior to submitting a bid.
- The site utility contractor shall coordinate and pay for all sanitary sewer connections. Sanitary sewer connection final tie-in to the existing manhole(s) shall not be made until completion of the proposed system and all manholes have been brought above ground to insure sediment does not enter system. Lines shall be properly cleaned, if needed.
- Connections to existing water line will be performed by LICENSED CONTRACTOR. The site utility contractor shall verify requirements and pay all costs.
- Site utility contractor to coordinate with irrigation contractor to provide power in conduit to irrigation controller per manufacturers recommendations. Verify exact location of controller w/ owner prior to installation.
- See detail sheets for additional utility details.



franklin architects
11201 Market Street, P.O. Box 4048
Chattanooga, TN 37405
v: 423.266.1216 f: 423.266.1216

In association with:

CIVIL ENGINEER:

MILLER MCCOY, INC.
CONSULTING ENGINEERS
913 CREEKSIDE ROAD CHATTANOOGA, TENNESSEE 37408
PHONE (423) 698-2681 FAX (423) 698-2684
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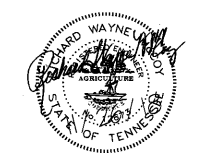
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Construction Documents

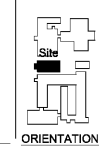
Revisions		
No.	Issue	Date

Sheet Information	
Date	11/26/18
Job No.	6774.3/6774.4
Title	

CIVIL SITE
UTILITY
PLAN



IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAT ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.



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