



1. Existing Utilities Across Or Along The Line Of The Proposed Work Are Shown Only In An Approximate Location On These Plans. The Contractor Shall Call The State One-call System Prior To Construction @ 1-800-552-6543. The Contractor Shall, On His Own Initiative And At No Additional Cost, Locate All Underground Lines And Structures As Necessary. The Contractor Shall Verify And Calculate All Points Of Connection And All Utility Crossings And Inform Morrison-Shipley Engineers, Inc. And/or The Owner Of Any Conflicts Or Required Deviations From The Plans. Morrison-shipley Engineers, Inc. Shall Be Held Harmless In The Event The Contractor Fails To Make Such Notification.
2. All Electric, Telephone, And Gas Extensions Including Service Lines Shall Be Installed To The Appropriate Utility Company Specifications And Requirements. All Utility Company Disconnections Shall Be Coordinated With The Designated Utility Company.
3. It Shall Be Distinctly Understood That Failure To Specifically Indicate Work Which Is Required To Complete This Project Shall Not Relieve The Contractor Of His Responsibility To Perform Such.
4. All Utilities Shall Terminate Five (5) Feet Outside The Building Unless Otherwise Noted. The End Of All Service Lines Shall Be Tightly Capped Or Plugged And Marked Until Such Time As Connections Are Made Inside The Building. Coordinate All Entrances To The Building With The Architectural Plans And M.E.P. Plans.
5. All Private Water And Sewer Materials And Construction Shall Be In Accordance With Local, State, And Federal Plumbing Code.
6. All Necessary Inspections And/or Certifications Required By Codes And/or Utility Service Companies Shall Be Performed Prior To Final Connection Of Utility Services.
7. It Is The Responsibility Of The Property Owner To Obtain All Utility Easements That Are Necessary For The Installation And Maintenance Of All Proposed Utilities. The Easements Must Be Obtained Prior To Beginning Any Public Utility Installation.
8. The Domestic Water Service Line Shall Include An Internal RP Type Backflow Preventor. Provisions Shall Be Provided For Thermal Expansion And Drainage With The Domestic Water Service Line To The RPZ. Refer To M.E.P. Plans.
9. The Irrigation System Shall Be Protected By An RP Type Backflow Preventor. Irrigation System To Be Designed By Others.
10. Backflow Prevention Assemblies Installed Outdoor Shall Be Protected By An Enclosure Which Complies With The Standards And Specifications Set Forth By The American Society Of Sanitary Engineering (ASSE) Code 1060.
11. The Estimated Peak Water Demand For This Project Is 54 GPM.
12. The Electric Total Connected Load For This Project Is 3 Phase, 800 Amp, 120/208 Volts. In Accordance With AEP/PSO Requirements, The Contractor Shall Provide Trenching, Primary Electric Conduits (2 Ea. - 4" Sch. 40 PVC With Pull Strips, 48" Depth, Unless Otherwise Specified).
13. The Estimated Gas Service Total Connected Load Is 680 MBH, 680,000 BTU, And 618 Cubic Feet Per Hour.

MORRISON  **SHIPLEY**
ENGINEERS • SURVEYORS

C.O.A. #3055 Exp. Date: 06.30.2019

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Drawn By:	Vertical Scale:
KDM	-
Approved By:	Horizontal Scale:
JRW	1" = 20'
Date:	Plotting Scale:
08.31.18	1
Project No.:	Drawing Name:
CAS-103	Utility Plan

