

LEGEND

- - - - - EXISTING MINOR CONTOUR (1')
- - - - - EXISTING MAJOR CONTOUR (5')
- - - - - PROPOSED MAJOR CONTOUR (5')
- - - - - PROPOSED STORM SEWER LINE
- - - - - PROPOSED WATER LINE
- - - - - PROPOSED SANITARY SEWER LINE
- - - - - PROPOSED GAS LINE
- - - - - CURB STOP
- ⊕ BORE LOCATION AND ELEVATION  
SEE REPORT OF GEOTECHNICAL  
EXPLORATION AND REVIEW  
DATED AUGUST 18, 2009

- GENERAL NOTES:
1. ALL UTILITIES TO BE CONSTRUCTED UNDER THE BASE BID EXCEPT A PORTION OF THE 8" WATER MAIN AS SHOWN. NOTE THAT ONLY ONE FIRE HYDRANT IS TO BE BUILT.
  2. IT IS EXPECTED THAT THE GAS SERVICE IS TO BE INSTALLED BY THE GAS UTILITY, MONTANA-DAKOTA UTILITIES. COORDINATE WITH THE UTILITY FOR DETAILS. REGARDLESS OF WHO INSTALLS, ANY AND ALL COSTS ASSOCIATED WITH THE INSTALLATION OF THE GAS SERVICE IS TO BE PAID BY THE CONTRACTOR, INCLUDING ANY PERMITS AND/OR CONNECTION FEES.
  3. APPROXIMATE IRRIGATION MAIN LINE SLEEVE LOCATIONS ARE SHOWN FOR PROMINENT REFERENCE ONLY. SEE THE LANDSCAPING PLANS FOR CONSTRUCTION DETAILS.
  4. APPROXIMATE ELECTRICAL POWER LINE LOCATIONS ARE SHOWN FOR PROMINENT REFERENCE ONLY. LIGHTING CIRCUITS ARE NOT SHOWN. SEE THE ELECTRICAL PLANS FOR CONSTRUCTION DETAILS.
  5. COORDINATE WITH THE RAPID CITY UTILITIES MAINTENANCE DEPARTMENT FOR CONNECTION TO MUNICIPAL WATER AND MUNICIPAL SEWER.
  6. FOUNDATION DRAINS FOR THE GARAGE AND MAIN BUILDING ARE DETAILED ON SHEET 2.13.

- WATER MAIN NOTES:
1. ALL BURIED METALLIC COMPONENTS SHALL BE POLY-WRAPPED PER THE SPECIFICATIONS.
  2. HYDRANT LEADS, INCLUDING THE BRANCH TEE SHALL BE FULLY RESTRAINED AND SHALL INCLUDE THE BLOCKING AS CALLED OUT IN THE HYDRANT SETTING DETAIL ON THE DETAIL SHEETS.
  3. ALL TEES, DEAD ENDS AND BENDS TO BE BLOCKED WITH CONCRETE PER THE BLOCKING DETAIL ON THE DETAIL SHEETS.
  4. WATER MAIN AND WATER SERVICE SHALL BE FURNISHED WITH LOCATOR WIRE PER THE SPECIFICATIONS.

- HYDRANT FLOW TEST:
1. PERFORMED BY RAPID CITY FIRE DEPARTMENT ON 8/31/2009, AT THE EXISTING FIRE HYDRANT AT THE INTERSECTION OF GEEBEE AND CHEYENNE BLVD.
  2. STATIC PRESSURE REPORTED AS 98 PSI.
  3. Q20 REPORTED AS 5068 GPM.
  4. Q0 REPORTED AS 5733 GPM.



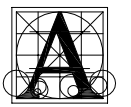
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 CITY HALL 1903

Overall Utility Plan

2.14

PROJECT	UNIVERSITY CENTER - BLACK HILLS
NUMBER	0620.2146.09, Renner - #2640
DATE	September 21, 2009
DRAWN	ADP
CHECKED	
REVISION	

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UNPLATTED PORTION OF SECTION 34