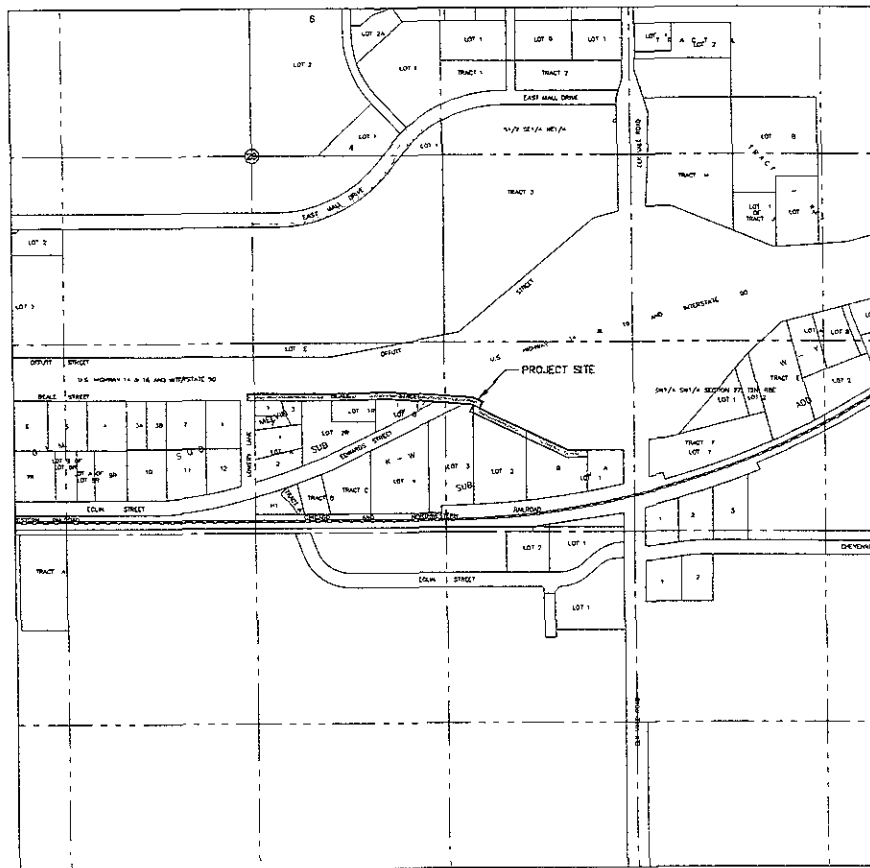


SANITARY SEWER

LOWRY LANE TO ELK VALE ROAD

RAPID CITY, SOUTH DAKOTA

APRIL 2008



GENERAL NOTES

REFERENCES TO BE USED
 Work shall be in accordance with the 2007 Edition of the City of Rapid City Standard Specifications for Public Works Construction and any current revisions and/or addendum or amendments to the drawings.

COORDINATES
 The Contractor shall coordinate the sanitary sewer construction project with the contractor for the new Center Suites Hotel planned for Lot B of Lot 1.

PERMITS
 The Contractor is responsible for paying all fees associated with the permit and shall be responsible for obtaining all necessary permits.

UTILITIES
 The City Civil Number map shall be verified during the survey process for the project design. The utilities shown on all drawings are for information only. The Contractor shall call the One Call number for utilities prior to starting construction and is responsible to verify the location of all utilities.

SEWERAGE FROM EXISTING 4" DRAINAGE MANHOLE
 The existing manhole located at the intersection of Lowry Lane and Base Street shall be converted to a drop manhole for the new 8" sanitary sewer from the west to be constructed with this project. The existing manhole located at the intersection of Lowry Lane and Base Street shall be sealed completely and an existing 8" sanitary sewer stub extending to the east. The Contractor shall construct this manhole and install a new drop structure for the new 8" sanitary sewer extending to the east. The drop structure and connections shall be constructed to conform to the City of Rapid City Standard Specifications.

CONNECTION OF THE NEW DRAINAGE TO EXISTING MANHOLE
 Connection of the new drainage to existing manhole shall be made by using the existing manhole and installing a double-type flexible connector conforming to the City of Rapid City Standard Specifications. The existing 8" sanitary sewer stub to the east shall be cut and capped in place for the 4" drop structure.

TRAFFIC CONTROL
 The Contractor shall be responsible for all traffic control. All traffic control shall be in accordance with the latest version of the Manual on Uniform Traffic Control Devices and the requirements of the SD Department of Transportation.

NEW SANITARY SEWER
 The new sanitary sewer will be constructed in the 1-30 Right-of-Way which includes Base Street. It will be constructed in accordance with the DOT requirements as set forth in the utility permit for the project.

EDGE OF THE BORE
 The edge of the bore for closing Base Street shall be a minimum of 20 feet from the outside curb line on the south of Base Street. The Contractor shall install kerbs, side and median drainage systems along the edge of Base Street between the edge of the street and the bore of installation. The extent of the bore will be as required by the DOT permit.

FINAL CLOSURE
 The final closing shall be used in forms shall be of the size and shape of the opening. The closing shall be closed steel 45# x 15.5" (3000 lb. maximum) or metal construction. Pipe and trench shall be 3/8" minimum. Joints shall be continuous gull and tight.

REINFORCED CONCRETE
 Reinforced concrete shall conform to the City of Rapid City Standard Specifications. Reinforced concrete shall be placed on the corner. The length of pipe shall be no more than 8' intervals inside the closing pipe. Closing blocks shall not be placed within 1' of the end of the closing pipe. Closure blocks shall be marked on top with an 'X'.

ROAD MARKS
 Road marks shall be placed by SD DOT, South Dakota, or local authority. The extent of the roadway shall be as required by the DOT permit.

REGULATION
 An authorized representative shall be furnished before and during the construction of the project. The Contractor shall comply with the City of Rapid City Standard Specifications. The work shall be done in accordance with the Standard Specifications.

INDEX OF SHEETS

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10	EROSION CONTROL DETAILS

File Number:	8836
Location:	SE 1/4 SECTION 28
City, State:	
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Sheet Name:	
Title Sheet:	
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