ORCHARD MEADOWS SUBDIVISION

PHASE 6 - LIFT STATION PLAN

RAPID CITY, SOUTH DAKOTA

KTM JOB NUMBER: 12-0654.7

INDEX OF SHEETS

1. COVER SHEET
2-4. GENERAL NOTES, LEGEND & TYPICAL SECTION
5. RAPID VALLEY SANITARY DISTRICT SPECIFICATIONS
6. SURVEY CONTROL
7. MASTER UTILITY PLAN
8-9. JIM STREET FORCE MAIN PLAN AND PROFILE
10-13. FORCE MAIN PLAN AND PROFILE
14. LIFT STATION PLAN
15. LIFT STATION SECTION VIEW DETAIL
16. CONTROL HOUSE
17-19. LIFT STATION DETAILS
20-21. DETAILS

NOT TO SCALE

PROJECT LOCATION MAP

CITY OF RAPID CITY, SOUTH DAKOTA

RAPID CITY

SOUTH DAKOTA

ONE CALL BEFORE DIGGING
1-800-781-7474

I, (HERE INSERT ANY APPROPRIATE NAME), THE AGENCY'S REPRESENTATIVE, CERTIFY THAT THE FIRM HAS READ AND UNDERSTOOD THE PROVISIONS CONTAINED IN THE CITY OF RAPID CITY STANDARDS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. CURRENT EDITION FOR THE CITY OF RAPID CITY ADOPTED DESIGN SPECIFICATIONS, AMENDMENTS, AND OTHER RELEVANT DOCUMENTS, WHICH HAVE BEEN REVIEWED AND FOUND TO BE SATISFACTORY. FAILURE TO COMPLY WITH THESE DOCUMENTS MAY RESULT IN NONPAYMENT OF A PERMIT OR A FEE WAIVER EXECUTION TO THE CERTIFIED PERMIT OFFICER.
EROSION AND SEDIMENT CONTROL MEASURES

INSTALLATION OF TEMPORARY EROSION CONTROL MEASURES

The Contractor shall not begin the removal of turfing or impoundment within the applicable work area until all applicable temporary erosion control measures are in place and in place. Temporary erosion control measures shall be installed as necessary to prevent erosion and damage to the Engineer's work. The contractor is responsible for any damage caused by erosion or sedimentation.

STI FENCE

All fence shall be placed at the locations noted on the drawings as to locations and elevation of all fence on the drawing as shown on contour lines. The fence shall be of a type commonly used for similar purposes. The fence shall be of a type that is commonly used for similar purposes. The fence shall be of a type that is commonly used for similar purposes.

Silt Fence

Silt fence shall be placed at the locations noted in the drawings as to locations and elevation of all fences on the drawings as shown on contours lines. The fence shall be of a type commonly used for similar purposes. The fence shall be of a type commonly used for similar purposes. The fence shall be of a type commonly used for similar purposes.

STORMWATER CONTROL MEASURES

Sediment control measures shall be used for protection from erosion and siltation. A silt fence shall be placed at the locations shown on the drawings and as indicated by the Engineer as determined during construction. The Contractor shall be responsible for any damage caused by erosion or sedimentation.

EROSION CONTROL BLANKET (MB)

Erosion control blanket shall be installed at locations shown as to locations and elevation of all blankets shown on the drawing as shown on contours lines. The erosion control blanket shall be of a type commonly used for similar purposes. The erosion control blanket shall be of a type commonly used for similar purposes. The erosion control blanket shall be of a type commonly used for similar purposes.

STREET SWEEPING (SE)

Vehicle tracking of sediment from the construction site shall be installed. Vehicle sweeping, as deemed necessary by the Engineer, shall be installed at sites if vehicles and materials used on site results that are not allowable to prevent sediment from being tracked onto the street. The Contractor shall be responsible for any damage caused by erosion or sedimentation.

VEHICLE TRACKING SYSTEM (VE)

The Contractor shall install vehicle tracking systems at locations shown on the drawings. The Contractor shall be responsible for any damage caused by erosion or sedimentation.

GEAR SCAN MATERIAL FOR VEHICLE TRACKING SYSTEMS

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**Legend**

- **DRW**: Drawing
- **ELEV**: Elevation
- **SHR**: Sheet
- **X**: Cross
- **Y**: Y
- **D**: Distance
- **H**: Height
- **L**: Length
- **W**: Width
- **DIA**: Diameter
- **DIAM**: Diameter
- **INS**: Insulation
- **RCP**: Rebar
- **RD**: Road
- **RTN**: Return
- **SW**: Street
- **WTR**: Water
- **CUT**: Cut
- **FILL**: Fill
- **GEO**: Geometric
- **GRQ**: Grade
- **MGM**: Management
- **RDG**: Rating
- **RVR**: River
- **STN**: Station
- **STN**: Station
- **WTR**: Water
- **X**: X
- **Y**: Y
- **Z**: Z

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**Diagrams**

- **Asphalt Section**
- **Excavation Section**

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**Notes**

- Calculations for required lengths were derived from a computer program.
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Gravel Section

4" of 3/4" Crushed Lime Rock

*Gravel and compact subbase to minimum size of driveway stone and a bit of optimum moisture.

Coordinate Table

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Scale: 1" = 0'
LIFT STATION - AT GRADE

NTS

LIFT STATION - BELOW GRADE

NTS
LIFT STATION AND VALVE PIT - SECTION

1/2" = 1'-0"