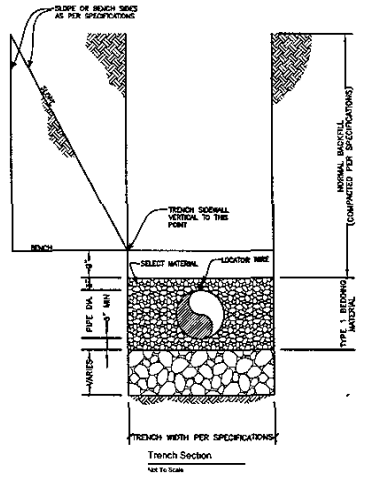
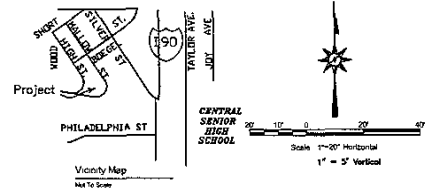


Existing MH #1
 STA 0+00
 Rim Elev. 3322.5
 Rebuild invert, install booted connection
 Extend 8" PVC Sewer man.
 The existing invert material
 can be used providing the
 surface is thoroughly
 cleaned with water and weak
 acid, and a bonding agent
 (Acryl 80 or equal) is used
 to insure a sound bond to the
 existing concrete

Begin new 8" water main
 F&B Reducer &
 8" Valve w/ Box Cofe Mechanically
 restrain valve to hydrant tee

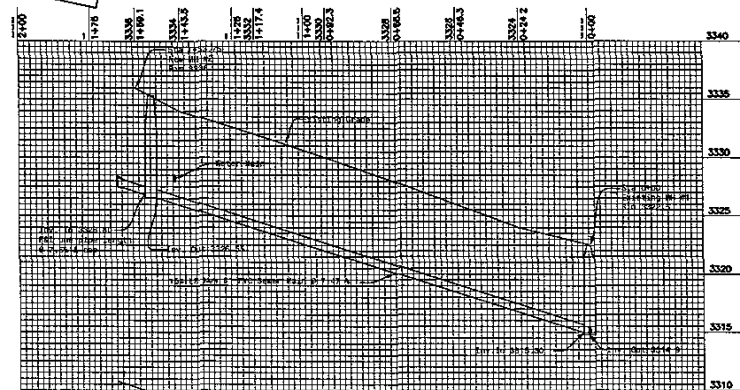
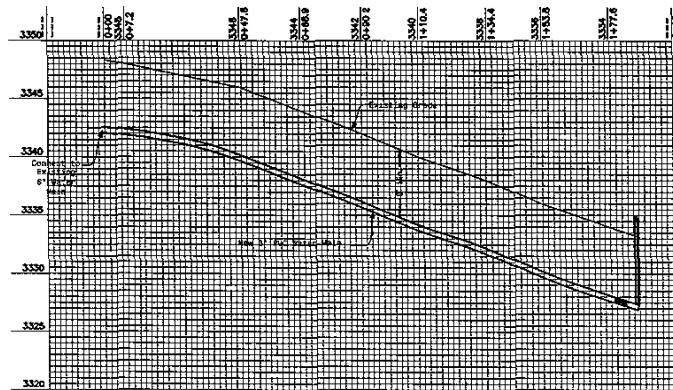
NOTES

- Use 2002 City of Rapid City Standard Specifications & Details as required unless otherwise noted.
- Field verify location & elevation of all existing features and contact city prior to beginning work.
- USE Close 200 water main for high pressure water main. Use ONLY high deflection pipe couplings (Rimco style 301 or equal) when vertical or horizontal deflections needed at locations other than bends shown.
- Contact "CALL-ONE" prior to beginning work. Obtain All Quality permit prior to staking work. Obtain Permit to work in public right of way
- Place "Construction Ahead" & "Truck Entrance" signs in High and Main Streets. Other signing required per Manual of Uniform Traffic Control Devices (MUTCD). Restrict access to adjacent properties.
- Place and maintain sediment control barriers as needed to prevent sediment from leaving work zone. Use City Standard Details for barrier types. Do not track mud, or other material onto public street.
- Seed, fertilize, and mulch topsoil area immediately after lapal placement, season permitting.
- Contractor responsible for soil analysis to determine composition requirements for embankment, trenches, & pavement. Provide copy to Owner, City



REPLACE ASPHALT PER CITY STANDARDS 5' Min.

TOPOGRAPHIC INFORMATION SHOWN FROM FIELD SURVEY HANSON SURVEYING AND MAPPING.



**CITY OF RAPID CITY
 GROWTH MANAGEMENT DEPT.
 DEVELOPMENT SERVICES**

Please see reviewed for general conformance with applicable governmental regulations, specifications, design criteria and engineering standards. The City of Rapid City does not certify the suitability, adequacy or completeness of the plans or design, which are the responsibility of the engineer of record. All necessary permits shall be obtained prior to construction of the proposed public improvements.

Engineering Permit # _____ Date _____
 COMMENTS _____

0284 Mallow Street Utility Extension

CENTERLINE
 724 54 New Street, Suite 200, Rapid City, SD 57701
 Phone: (605) 341-3193 Fax: (605) 341-3324
 email: info@centerline.com

project no. 0284
 date: 8/20/04
 file: 0284-0284-0276
 sheet 1 of 1