



LEGEND

- PROPOSED SEWER LINE/SERVICE/MANHOLE
- EXISTING WATER LINE TYPE AS MARKED
- EXISTING WATER VALVE/SERVICE/METER
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER LINE/MANHOLE
- EXISTING NATURAL GAS LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING POWER POLE/GUY WIRE
- EXISTING LIGHT POLE
- EXISTING FENCE
- EXISTING RIGHT-OF-WAY/PROPERTY LINE
- EXISTING TREE
- LIMITS OF ASPHALT CUT AND PATCH
- CONTROL LINE BASED ON CITY SURVEY MONUMENTS
- SAW CUT, REMOVE AND REPLACE CURB AND GUTTER.

- ① REMOVE AND DISPOSE EXISTING MANHOLE BARREL, CONE, AND BASE. CONSTRUCT STANDARD MANHOLE BASE, BARREL, AND CONE. RESET RING AND COVER.
- ② REMOVE AND DISPOSE EXISTING DROP PIPE AT DROP MANHOLE. PLUG AND SEAL UPPER 6" OPENING. ENLARGE LOWER 6" OPENING TO ACCEPT 8" PVC SDR-35 PIPE. CONNECTION PER STANDARD DETAIL "EXHIBIT I". RECONSTRUCT EXISTING BASE INVERT IF NECESSARY.
- ③ WYE FITTING AND 4" PVC SDR-35 PIPE. COUPLE TO EXISTING SERVICE. SERVICE LOCATION KNOWN.
- ④ WYE FITTING AND 4" PVC SDR-35 PIPE. COUPLE TO EXISTING SERVICE. SERVICE LOCATION UNKNOWN.
- ⑤ INSTALL 8" PVC SDR-35 SANITARY SEWER PIPE. INSTALLATION DEPTH AS SHOWN ON PROFILE. INSTALL PER CITY OF GRAND JUNCTION STANDARD DETAIL "EXHIBIT I".
- ⑥ REMOVE AND REPLACE CONCRETE V-PAN. SEE EXHIBIT E, STANDARD CONCRETE DETAILS. 6 L.F. MAXIMUM PAY LENGTH.
- ⑦ ASPHALT CUT AND PATCH: CUT ASPHALTIC SURFACE PERPENDICULARLY AND TO A STRAIGHT LINE ONE FOOT FROM THE TOP OF THE TRENCH. THE MINIMUM WIDTH OF THE CUT SHALL BE 4 FEET. THE MAXIMUM WIDTH FOR PAY SHALL BE 6 FEET. PATCH FOR CROSS TRENCHES (SERVICE LINES) SHALL EXTEND TO A LANE LINE OR THE MIDDLE OF THE LANE. BACKFILL TRENCH WITH NATIVE EXCAVATED SOILS TO SUBGRADE. THE REPLACEMENT PAVEMENT STRUCTURE SHALL CONSIST OF 6" OF AGGREGATE BASE COURSE (MIN.) UNDER 3" OF HOT BITUMINOUS PAVEMENT.

GENERAL SEWER NOTES

All sanitary sewer main lines and service lines are to be PVC Sewer Pipe ASTM D3034, SDR-35.

All sanitary sewer main line and service line construction shall be constructed in accordance with the City of Grand Junction, Standard Sanitary Sewer Details, Exhibit "I".

All service lines are to be reconstructed to the property lines, if needed and authorized by the Engineer. Some service lines have been located by remote video. The service locations are not exact. Some service lines, as indicated as unknown location, were not located by remote video and are shown in an assumed location. Contractor is responsible for the location of all service lines. Exploratory excavations may be required. Exploratory excavation shall be included in item 619, 4" Dia. PVC SDR-35

Plan and Profile stationing and offsets are from Sanitary Sewer centerline. Profile and elevations are to existing/finish grade at centerline.

Scheduling and Notification of sewer service interruptions to the property owners shall be the responsibility of the Contractor. Contractor will be responsible for all re-routing, pumping, and dewatering necessary for the construction of the sanitary sewers.

GENERAL NOTES

1. DESIGN IS BASED UPON TOPOGRAPHIC SURVEY AND BASE MAPPING PROVIDED BY THE CITY OF GRAND JUNCTION.
2. CHIPETA AVE. MAY BE CLOSED TO THROUGH TRAFFIC.
3. MAXIMUM PAY WIDTH FOR ASPHALT CUT AND PATCH IS 6 FEET, UNLESS OTHERWISE NOTED, AND WHERE EXTRA EXCAVATION IS REQUIRED TO AVOID CONFLICTING UTILITIES. ALL ADDITIONAL EXCAVATION AREAS TO BE VERIFIED BY CITY STAFF.



CALL
1-800-922-1987
UTILITY NOTIFICATION
CENTER OF COLORADO

DRAWN BY: BKR	REVIEWED _____
DESIGNED BY: BKR	DATE: _____ FOR _____
CHECKED BY: PMO	REVIEWED _____
	DATE: _____ FOR BANNER ASSOCIATES, INC.

BANNER
AMERICAN CONSULTING ENGINEERS COUNCIL OF COLORADO
BANNER ASSOCIATES, INC. • CONSULTING ENGINEERS & SURVEYORS
2777 CROSSROADS BOULEVARD • GRAND JUNCTION, CO 81506 • (970) 243-2242

REVISION	DATE	DESCRIPTION	BY	CH'D
I	2/6/98	REVISED PER FINAL REVIEW COMMENTS	BKR	PMO

CITY OF GRAND JUNCTION, COLORADO

1998 SEWER LINE REPLACEMENTS
CHIPETA AVE.-20TH TO 22ND

SCALE: 1" = 20'	JOB NO: 83410	DATE: 1/19/98
SHEET NO: 26 OF 30		