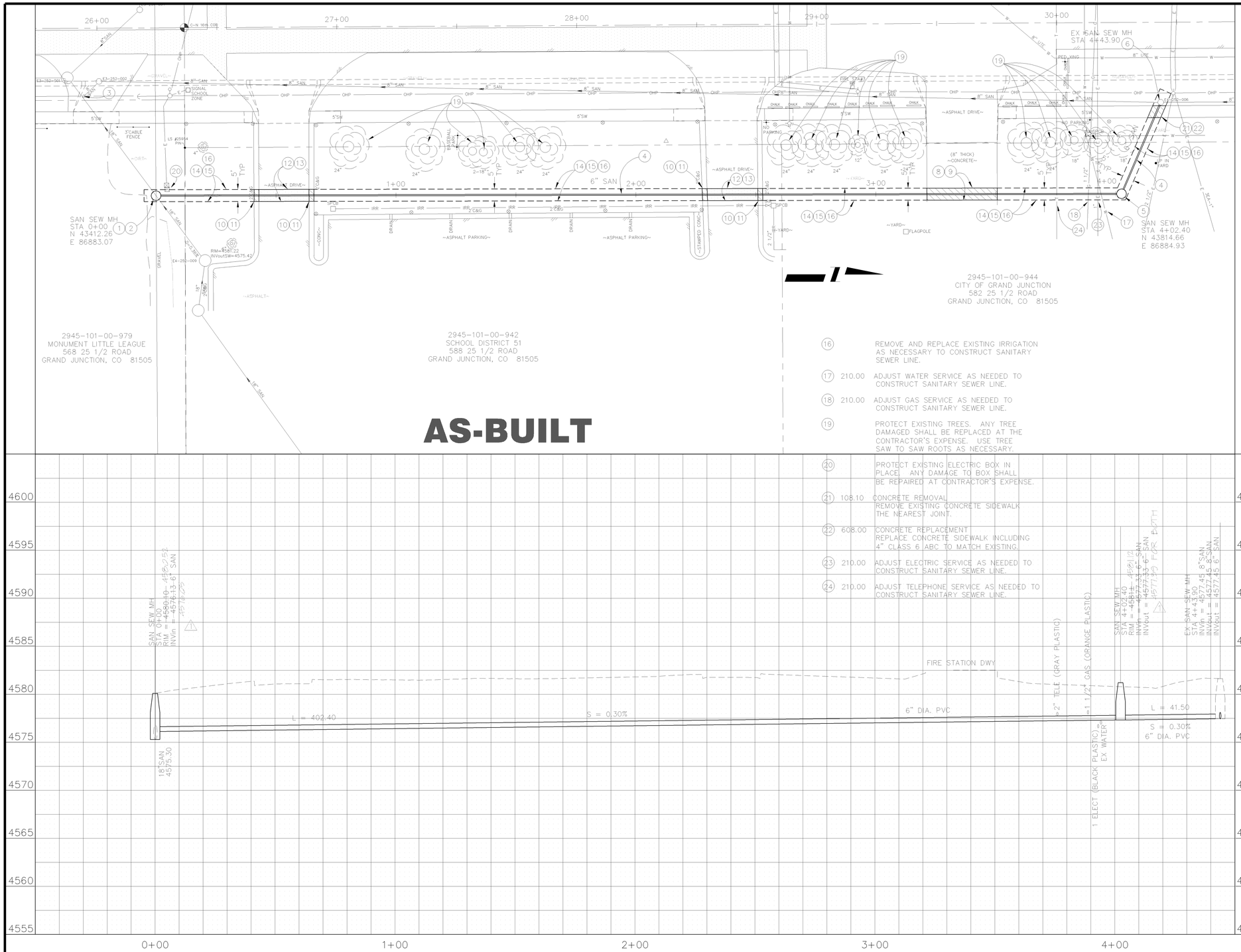

PROJECT NO. 2011-F02500

CONSTRUCTION NOTES

1. DURING INSTALLATION OF THE NEW MANHOLE IT WILL BE NECESSARY TO BYPASS PUMP SEWAGE AROUND WORK TO THE NEXT DOWNSTREAM MAN HOLE. FLOWS RANGE FROM 500gpm TO 2000gpm (MEASUREMENT TAKEN AT 25 ROAD & W. INDEPENDENT)

2. 102.11 60" DIA SANITARY SEWER MANHOLE WITH EPOXY COATING PER SECTION 102.11 OF THE STANDARD CONTRACT DOCUMENTS. MANHOLE SHALL HAVE A CAST IN PLACE BASE. SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02. CUT EXISTING 18" CONCRETE PIPE TO FORM INVERT. BYPASS PUMP SEWAGE AS NEEDED TO CONSTRUCT MANHOLE. PROVIDE RING AND COVER AND GRADE RINGS AS NEEDED TO MATCH EXISTING GROUND.

   102.11 CLAY CUT-OFF WALL SHALL BE PLACED 10' UPSTREAM OF NEW MANHOLE. CUT OFF WALL SHALL EXTEND FROM 6" BELOW TO 6" ABOVE IMPORTED BACKFILL MATERIAL FOR THE FULL WIDTH OF THE TRENCH. IF NATIVE MATERIAL IS NOT SUITABLE, THE CONTRACTOR SHALL IMPORT MATERIAL IN ACCORDANCE WITH SECTION 103.10 OF THE STANDARD CONTRACT DOCUMENTS.

3. 202.00 EXCAVATE AND EXPOSE EXISTING 8" DIA SEWER SERVICE CONNECTION TO 18" CONCRETE SANITARY SEWER DURING BYPASS PUMP OPERATIONS. PLUG EXISTING 8" DIA SEWER SERVICE CONNECTION AS NEEDED WITH CONCRETE.

4. 102.90 6" DIA PVC PIPE, SDR-35. BACKFILL TRENCH WITH NATIVE MATERIALS MEETING CITY SPECIFICATION 103.16. IMPORT BACKFILL MATERIAL MEETING CITY SPECIFICATION 103.16 AS NEEDED. SANITARY SEWER LINE SHALL BE TESTED IN ACCORDANCE WITH THE SPECIFICATIONS IN THE STANDARD CONTRACT DOCUMENTS AND APPROVED BEFORE ANY SURFACE TREATMENTS.

5. 102.11 48" DIA SANITARY SEWER MANHOLE PER SECTION 102.11 OF THE STANDARD CONTRACT DOCUMENTS. MANHOLE SHALL HAVE A PRECAST BASE PER CITY OF GRAND JUNCTION STANDARD DETAIL SS-08. PROVIDE RING AND COVER AND GRADE RINGS AS NEEDED TO MATCH EXISTING GROUND.

   102.11 CLAY CUT-OFF WALL SHALL BE PLACED 10' UPSTREAM OF NEW MANHOLE. CUT OFF WALL SHALL EXTEND FROM 6" BELOW TO 6" ABOVE IMPORTED BACKFILL MATERIAL FOR THE FULL WIDTH OF THE TRENCH. IF NATIVE MATERIAL IS NOT SUITABLE, THE CONTRACTOR SHALL IMPORT MATERIAL IN ACCORDANCE WITH SECTION 103.10 OF THE STANDARD CONTRACT DOCUMENTS.

6. 210.00 CORE EXISTING MANHOLE PER CITY OF GRAND JUNCTION STANDARD DETAIL SS-08 AND PROVIDE FLEXIBLE PIPE CONNECTOR FOR NEW 6" DIA PVC SANITARY SEWER LINE. PLUG EXISTING 8" DIA. CONCRETE SEWER PIPE OUT TO THE SOUTH WITH NON-SHRINK GROUT.

7. FUTURE CONCRETE DRIVEWAY SHALL NOT BE POURED UNTIL NEW 6" DIA SEWER HAS BEEN CONSTRUCTED, TESTED, AND APPROVED.

8. 108.10 CONCRETE REMOVAL
   SAWCUT EXISTING 8" THICK CONCRETE APRON TO FIRESTATION NO 3. REMOVE CONCRETE TO CONSTRUCT NEW SANITARY SEWER LINE.

9. 608.00 CONCRETE REPLACEMENT
   REPLACE 8" THICK CONCRETE INCLUDING 6" CLASS 6 ABC.

10. 108.10 CONCRETE REMOVAL
    REMOVE EXISTING 2' CURB AND GUTTER TO THE NEAREST JOINT.

11. 608.00 CONCRETE REPLACEMENT
    REPLACE 2' CURB AND GUTTER INCLUDING 6" CLASS 6 ABC TO MATCH EXISTING.

12. 108.10 ASPHALT REMOVAL
    REMOVE EXISTING ASPHALT AS SHOWN. JACKHAMMER OR WHEELCUT AS NECESSARY.

13. ASPHALT REPLACEMENT

    304.00 AGGREGATE BASE COURSE (CLASS 6) (6" THICK). PLACE AND COMPACT TO 95% AASHTO T-180.

    401.00 HOT BITUMINOUS PAVEMENT (GRADING SX) (4" THICK) (2-2" LIFTS)

14. 108.10 SOD REMOVAL
    REMOVE EXISTING SOD AS NEEDED TO CONSTRUCT NEW SANITARY SEWER LINE.

15. RESTORE SODDED AREAS TO PRECONSTRUCTION CONDITION

    207.00 PLACE, GRADE, AND COMPACT 4" SUITABLE TOPSOIL IN AREAS OF DISTURBANCE.
    212.00 RESOD AREAS OF DISTURBANCE.

16. REMOVE AND REPLACE EXISTING IRRIGATION AS NECESSARY TO CONSTRUCT SANITARY SEWER LINE.

17. 210.00 ADJUST WATER SERVICE AS NEEDED TO CONSTRUCT SANITARY SEWER LINE.

18. 210.00 ADJUST GAS SERVICE AS NEEDED TO CONSTRUCT SANITARY SEWER LINE.

19. PROTECT EXISTING TREES. ANY TREE DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. USE TREE SAW TO SAW ROOTS AS NECESSARY.

20. PROTECT EXISTING ELECTRIC BOX IN PLACE. ANY DAMAGE TO BOX SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.

21. 108.10 CONCRETE REMOVAL
    REMOVE EXISTING CONCRETE SIDEWALK THE NEAREST JOINT.

22. 608.00 CONCRETE REPLACEMENT
    REPLACE CONCRETE SIDEWALK INCLUDING 4" CLASS 6 ABC TO MATCH EXISTING.

23. 210.00 ADJUST ELECTRIC SERVICE AS NEEDED TO CONSTRUCT SANITARY SEWER LINE.

24. 210.00 ADJUST TELEPHONE SERVICE AS NEEDED TO CONSTRUCT SANITARY SEWER LINE.

DESCRIPTION	DATE
REVISION 1 ASBUILT DRAWINGS	FEB. 2006
REVISION 2	
REVISION 3	
REVISION 4	

DRAWN BY JCS DATE 2004
DESIGNED BY SBG/MC DATE 2004
CHECKED BY DATE
APPROVED BY DATE

SCALES: PLAN HORIZONTAL 0 10 20; PROFILE HORIZONTAL 0 5 10 20, VERTICAL 0 2.5 5

CITY OF Grand Junction COLORADO

PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

POMONA SCHOOL SEWER
SANITARY SEWER PLAN AND PROFILES
STA 0+00 TO STA 5+00

1

02109401.tif