

2945-163-18-008
445 SANDIA DR.
KETH PULSIPHER
2148 S. CANYON VIEW DR.
GRAND JUNCTION, CO.
81503-2590

2945-174-18-007
HOLLIS P. EVANS
444 MANZANA DR.
GRAND JUNCTION, CO.
81503-1583

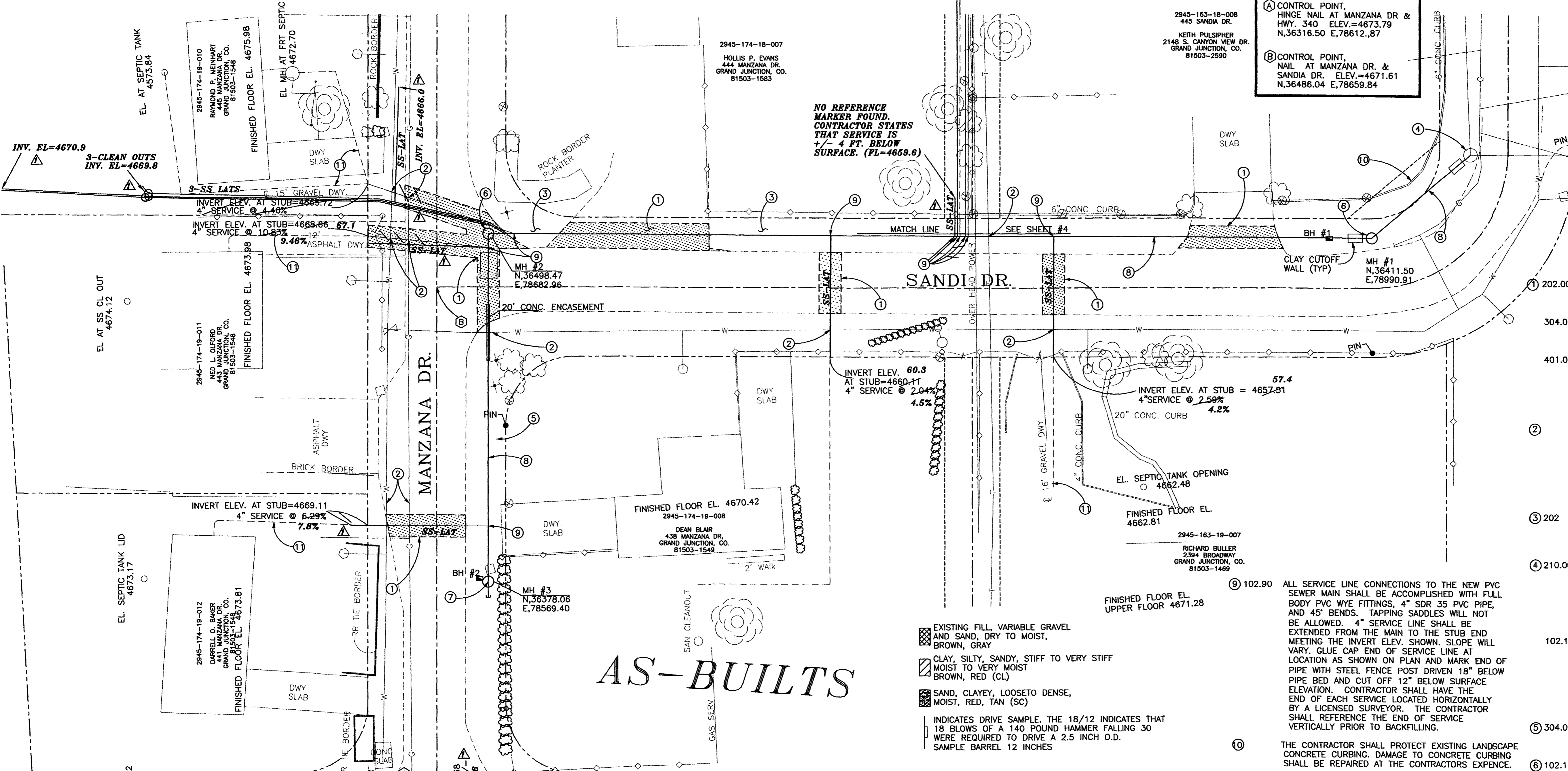
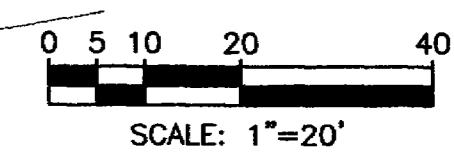
2945-174-19-010
RAYMOND P. MENHART
GRAND JUNCTION, CO.
81503-1548

2945-174-19-011
NED L. OLDFORD
GRAND JUNCTION, CO.
81503-1548

2945-174-19-012
DARRELL D. BAKER
GRAND JUNCTION, CO.
81503-1548

2945-174-19-008
DEAN BLAIR
438 MANZANA DR.
GRAND JUNCTION, CO.
81503-1549

2945-163-19-007
RICHARD BULLER
2394 BROADWAY
GRAND JUNCTION, CO.
81503-1469



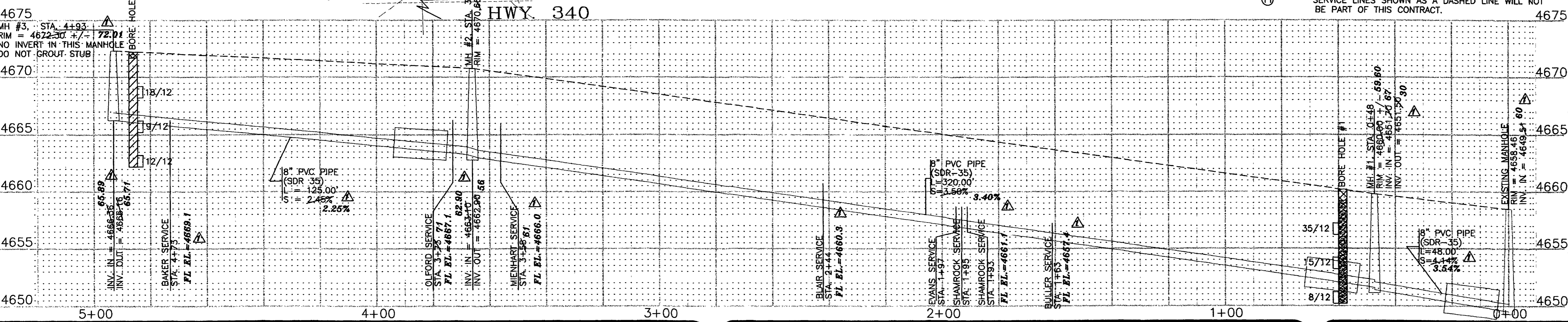
NO REFERENCE
MARKER FOUND.
CONTRACTOR STATES
THAT SERVICE IS
+/- 4 FT. BELOW
SURFACE. (FL=4659.8)

AS-BUILTS

CONSTRUCTION NOTES:

- ① 202.00 ASPHALT REMOVAL JACKHAMMER OR WHEELCUT AS NECESSARY. REMOVE PAVEMENT AT SERVICE CROSSINGS ALONG THE LENGTH OF THE NEW SEWER LINE CONSTRUCTION AS SHOWN.
- 304.00 AGGREGATE BASE COURSE (CL 6) (6" DEPTH) COMPACT BASE COURSE TO 95% AASHTO T-180. SUBGRADE SHALL BE COMPACTED TO 95% AASHTO T-99.
- 401.00 HOT BITUMINOUS ASPHALT PATCH (GR C, 50 BLOW MARSHALL) (3" DEPTH) PAVEMENT SHALL BE APPLIED IN TWO 1 1/2" LIFTS. COMPACT ASPHALT 92%-96% OF MAXIMUM THEORETICAL DENSITY CP51-96. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL C-27)
- ② NOTIFY UTE WATER, PUBLIC SERVICE COMPANY, QWEST COMMUNICATIONS, AT&T CABLE, AND OR GRAND JUNCTION DRAINAGE DISTRICT 48 HOURS PRIOR TO EXCAVATIONS THAT WILL EXPOSE WATER LINES (UTE), GAS OR ELECTRIC LINES (PSCO), TELEPHONE LINES (QWEST), CABLE TV LINES (AT&T CABLE), AND OR IRRIGATION LINES (GJDD)
- ③ 202 REMOVE AND SALVAGE EXISTING 3/4" GRAVEL SURFACE. REPLACE SALVAGED MATERIAL AFTER CONSTRUCTION. THERE WILL BE NO SEPARATE PAYMENT FOR THIS WORK.
- ④ 210.00 CONNECT PROPOSED 8" PVC SEWER LINE TO EXISTING MANHOLE. CONTRACTOR SHALL REMOVE EXISTING STUB FROM MANHOLE AND PLACE NEW SEWER LINE INTO EXISTING MANHOLE REFITTING NEW INLET PIPE USING NONSHRINK GROUT MEETING SECTION 102.15 OF THE STANDARD CONTRACT DOCUMENTS. ALL WORK SHALL BE PAID FOR UNDER BID ITEM CONNECT PROPOSED 8" PVC SEWER TO EXISTING MANHOLE.
- 102.11 CLAY CUT OFF WALL SHALL BE PLACED 10' UPSTREAM (SOUTHWEST ONLY) OF EXIST MH. 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.
- ⑤ 304.00 4" CL 6 AGGREGATE BASE SHOULDER COURSE. RESTORE GRAVEL DRIVE AFTER COMPLETION OF SEWER INSTALLATION.
- ⑥ 102.11 48" DIA. SANITARY SEWER MANHOLE (MH #1 & MH #2) (ALL INLETS AND OUTLETS TO BE FITTED WITH PSX GASKETS) (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02)
- 102.11 CLAY CUT OFF WALL SHALL BE PLACED 10' UPSTREAM OF NEW MH. 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.
- ⑦ 102.11 48" DIA. SANITARY SEWER MANHOLE (MH #3) (ALL INLETS AND OUTLETS TO BE FITTED WITH PSX GASKETS) (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02) NO INVERT IN THIS MANHOLE DO NOT GROUT STUB TO SOUTH.
- 102.11 CLAY CUT OFF WALL SHALL BE PLACED 10' UPSTREAM OF NEW MH. 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.
- ⑧ 102.90 8" PVC PIPE, SDR-35, BACKFILL TRENCH WITH NATIVE MATERIALS MEETING CITY SPECIFICATION 103.16. ALL SEWER LINES MUST BE TESTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OF THE CITY OF GRAND JUNCTION AND APPROVED BEFORE PAVING.
- ⑨ 102.90 ALL SERVICE LINE CONNECTIONS TO THE NEW PVC SEWER MAIN SHALL BE ACCOMPLISHED WITH FULL BODY PVC WYE FITTINGS, 4" SDR 35 PVC PIPE, AND 45° BENDS. TAPPING SADDLES WILL NOT BE ALLOWED. 4" SERVICE LINE SHALL BE EXTENDED FROM THE MAIN TO THE STUB END MEETING THE INVERT ELEV. SHOWN. SLOPE WILL VARY. GLUE CAP END OF SERVICE LINE AT LOCATION AS SHOWN ON PLAN AND MARK END OF PIPE WITH STEEL FENCE POST DRIVEN 18" BELOW PIPE BED AND CUT OFF 12" BELOW SURFACE ELEVATION. CONTRACTOR SHALL HAVE THE END OF EACH SERVICE LOCATED HORIZONTALLY BY A LICENSED SURVEYOR. THE CONTRACTOR SHALL REFERENCE THE END OF SERVICE VERTICALLY PRIOR TO BACKFILLING.
- ⑩ THE CONTRACTOR SHALL PROTECT EXISTING LANDSCAPE CONCRETE CURBING. DAMAGE TO CONCRETE CURBING SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- ⑪ SERVICE LINES SHOWN AS A DASHED LINE WILL NOT BE PART OF THIS CONTRACT.

- EXISTING FILL, VARIABLE GRAVEL AND SAND, DRY TO MOIST, BROWN, GRAY
- CLAY, SILTY, SANDY, STIFF TO VERY STIFF MOIST TO VERY MOIST BROWN, RED (CL)
- SAND, CLAYEY, LOOSE TO DENSE, MOIST, RED, TAN (SC)
- INDICATES DRIVE SAMPLE. THE 18/12 INDICATES THAT 18 BLOWS OF A 140 POUND HAMMER FALLING 30 WERE REQUIRED TO DRIVE A 2.5 INCH O.D. SAMPLE BARREL 12 INCHES



REVISION	DESCRIPTION	DATE
△	AS-BUILTS	5/16/01
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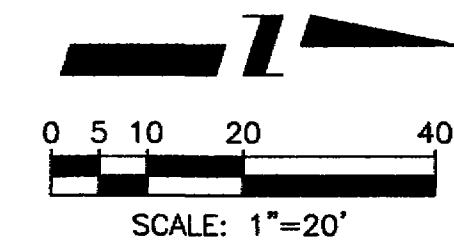
DRAWN BY	DATE
CHECKED BY SBG	DATE 11/27/00
APPROVED BY SBG	DATE 11/27/00
FIELD BOOK NO.	PAGE

SCALE	
PLAN	PROFILE
HORIZ. 1"=20'	HORIZ. 1"=20'
	VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

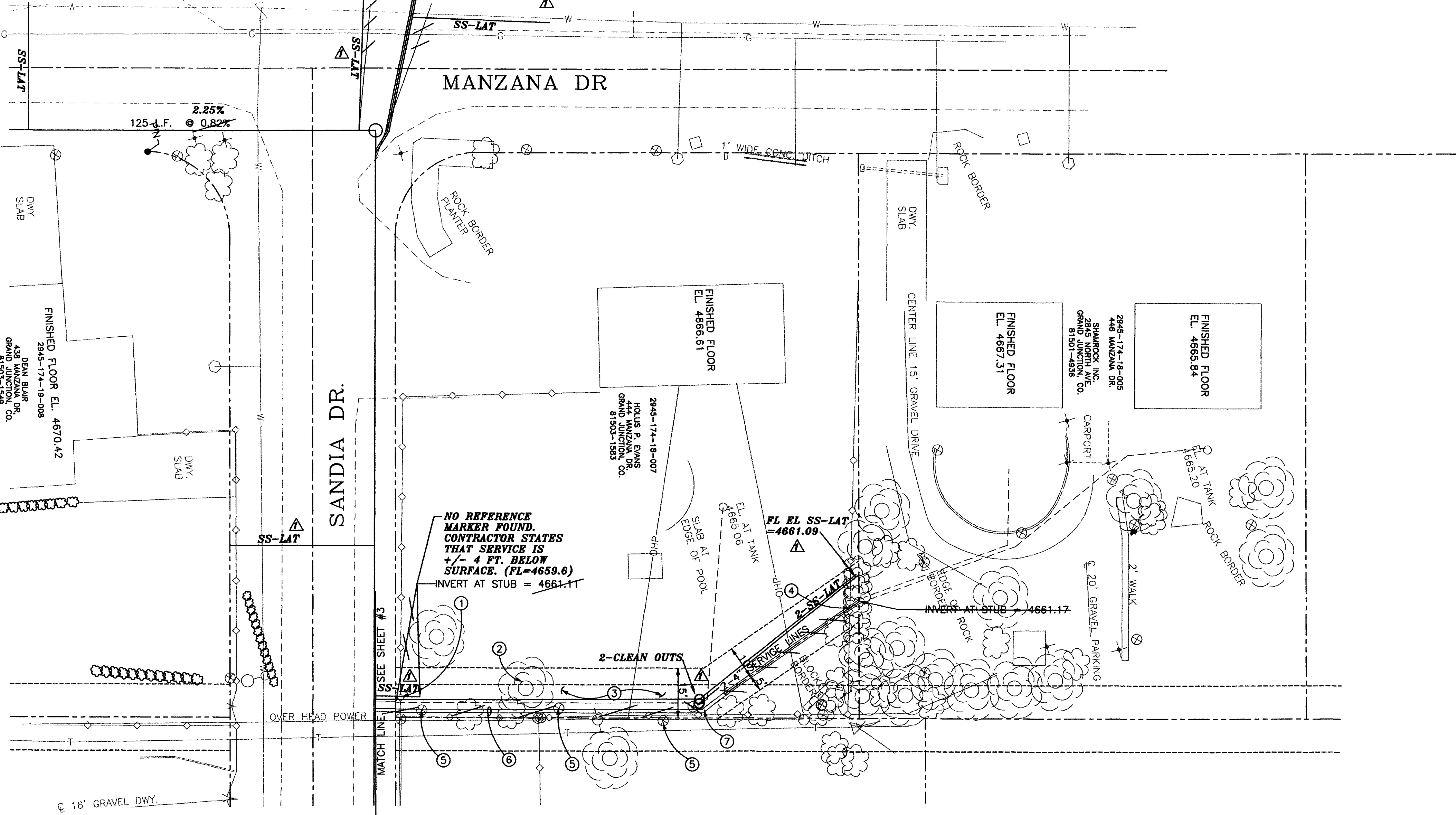
MANZANA SEWER IMPROVEMENT DIST.
MANZANA DRIVE & SANDIA DRIVE MAIN
Plan & Profile

SHEET NO.	3
OF	4
FILE NO.	MANZANA2.DWG



CONSTRUCTION NOTES:

- ① 202 REMOVE AND REPLACE CHAIN LINK FENCE AS NEEDED TO FACILITATE CONSTRUCTION.
- ② PROTECT TREE DURING CONSTRUCTION OF SERVICE LINES
- ③ 212 LIMITS OF SOD REMOVAL ARE AS SHOWN ON THIS PLAN SHEET. THE CONTRACTOR SHALL CUT AND ROLL THE EXISTING SOD TO THE LIMITS SHOWN. SOD WILL THEN BE STORED ON SITE FOR NOT MORE THAN (4) FOUR DAYS, AND RELAYED TO THE ORIGINAL CONTOUR AND GRADE.
- ④ 202 REMOVE AND REPLACE CHAIN LINK FENCES AS NEEDED TO FACILITATE CONSTRUCTION.
- ⑤ 202 REMOVE AND REPLACE SPRINKLERS (4 EA.)
- ⑥ 104.2b THE 4" SERVICE LINES FOR THE SHAMROCK INC. PROPERTY ARE TO BE INSTALLED AT 1% SLOPE FROM THE NEW 8" MAIN TO THE ELEVATION AT THE STUB AS SHOWN.
- ⑦ 104.2.b INSTALL SANITARY SEWER SERVICE CLEAN OUTS ON EACH SERVICE LINE AT STA. 1+00 IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE.



AS-BUILTS



DESCRIPTION	DATE	DRAWN BY	DATE
AS-BUILTS	5/16/01	SBG	11/27/00
REVISION	LC	CHECKED BY	DATE
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REVISION		APPROVED BY	PAGE

DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

MANZANA SEWER IMPROVEMENT DIST.
SERVICE LINES TO 444 & 446 MANZANA
Plan & Profile

SHEET NO. 4
OF 4
FILE NO. MANZANA3.DWG