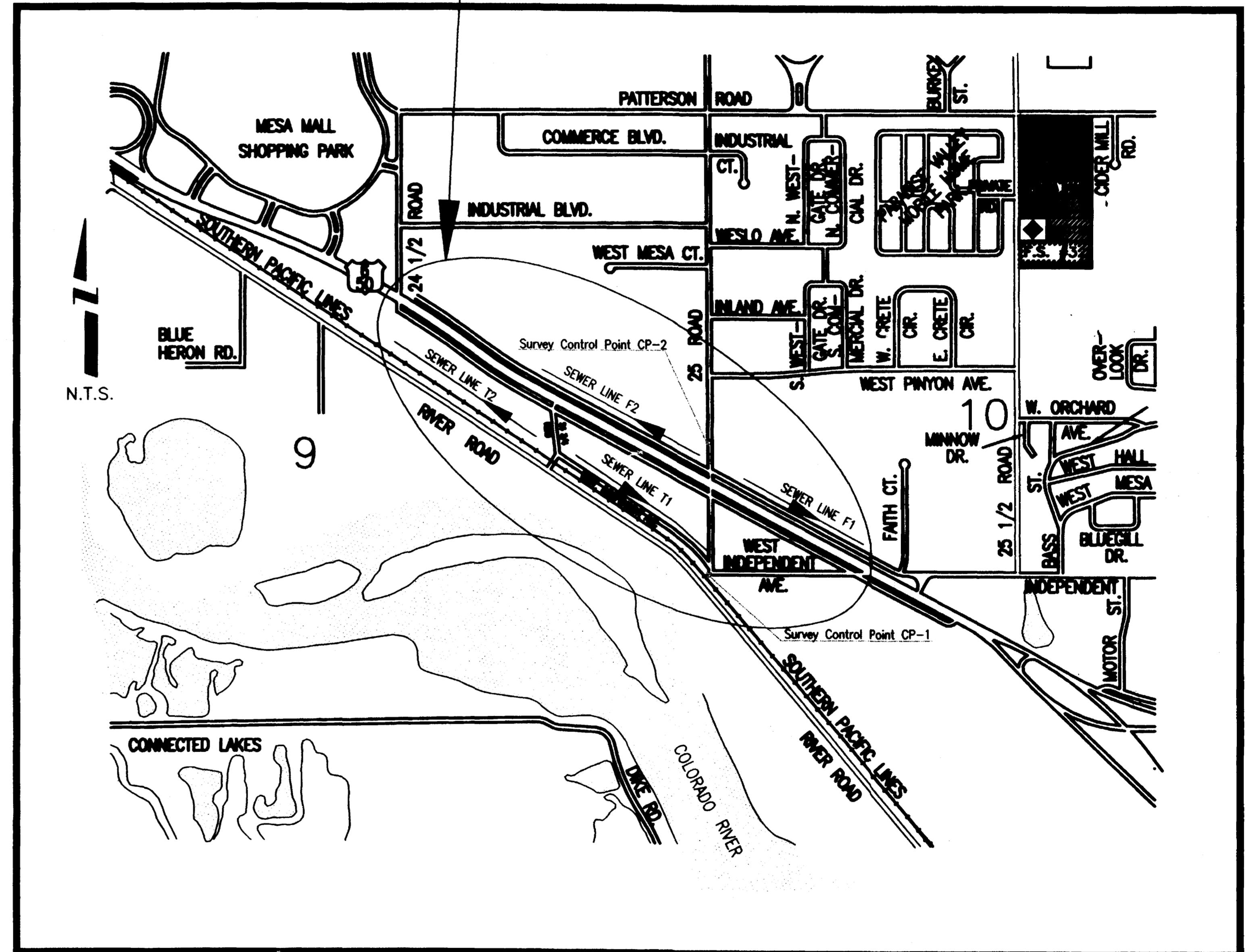


U.S. Highway 6 & 50 Sewer Improvement District

1995

PROJECT LOCATION

1. Cover Sheet
2. Drafting Standards and Abbreviations
3. Summary of Approximate Quantities
4. Typical Section, General Notes & Details
- 5-7. F1 Sewer Line Plans & Profiles
(Fred Schmid to 25 Road)
- 8-11. F2 Sewer Line Plans & Profiles
(Big O Tires to 25 Road)
- 12-14. T1 Sewer Line Plans & Profiles
(25 Road to 24 3/4 Road)
- 15-17. T2 Sewer Line Plans & Profiles
(24 1/2 Road to 24 3/4 Road)
18. Standard Sanitary Sewer Details (Exhibit "I")



VICINITY MAP

Prepared by:
ROLLAND ENGINEERING
 405 Ridges Blvd, Suite A
 Grand Jct, CO 81503
 Office: (303) 243-8300
 Fax: (303) 241-1273

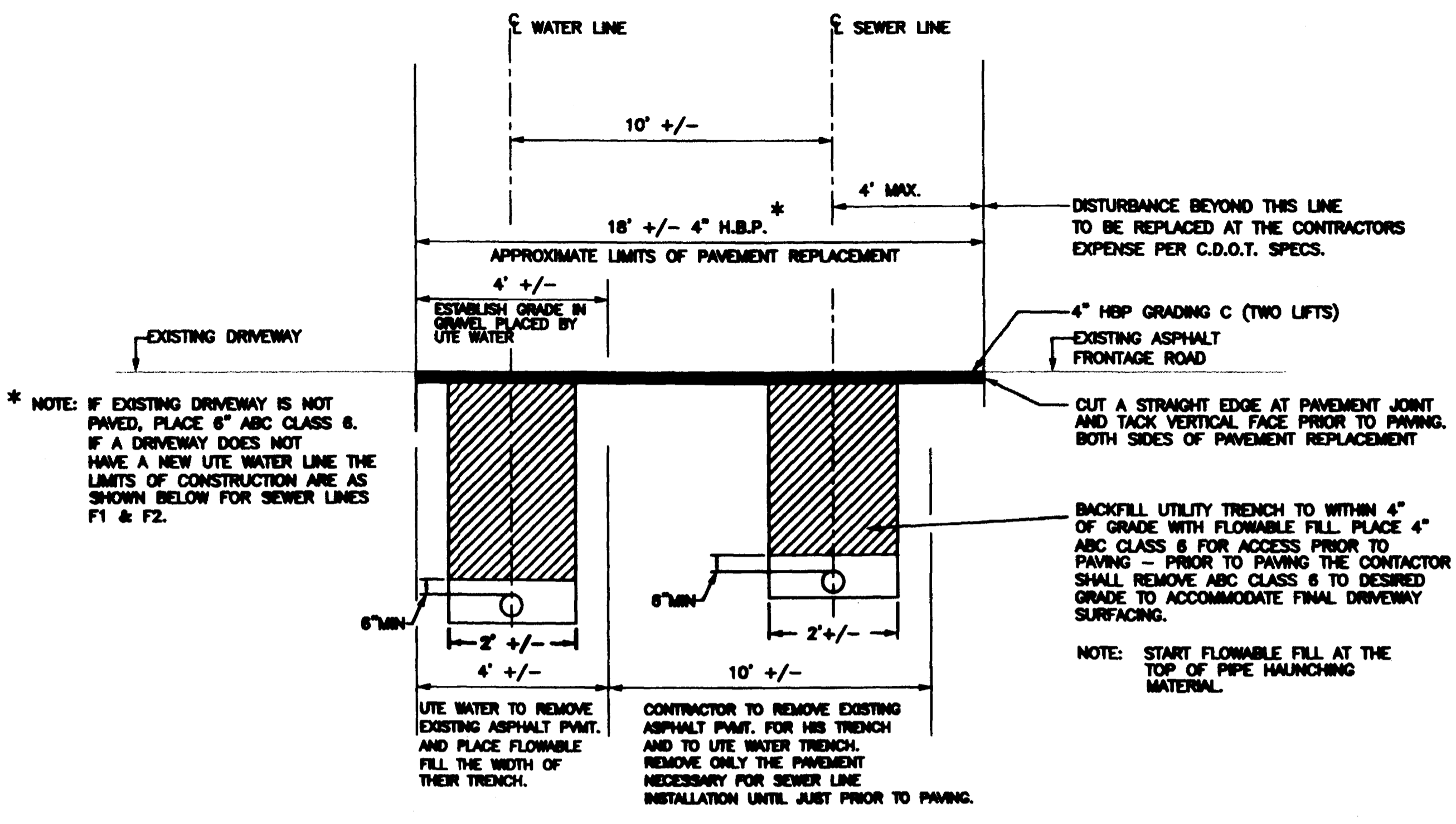
City of Grand Junction, Colorado

Department of Public Works & Utilities

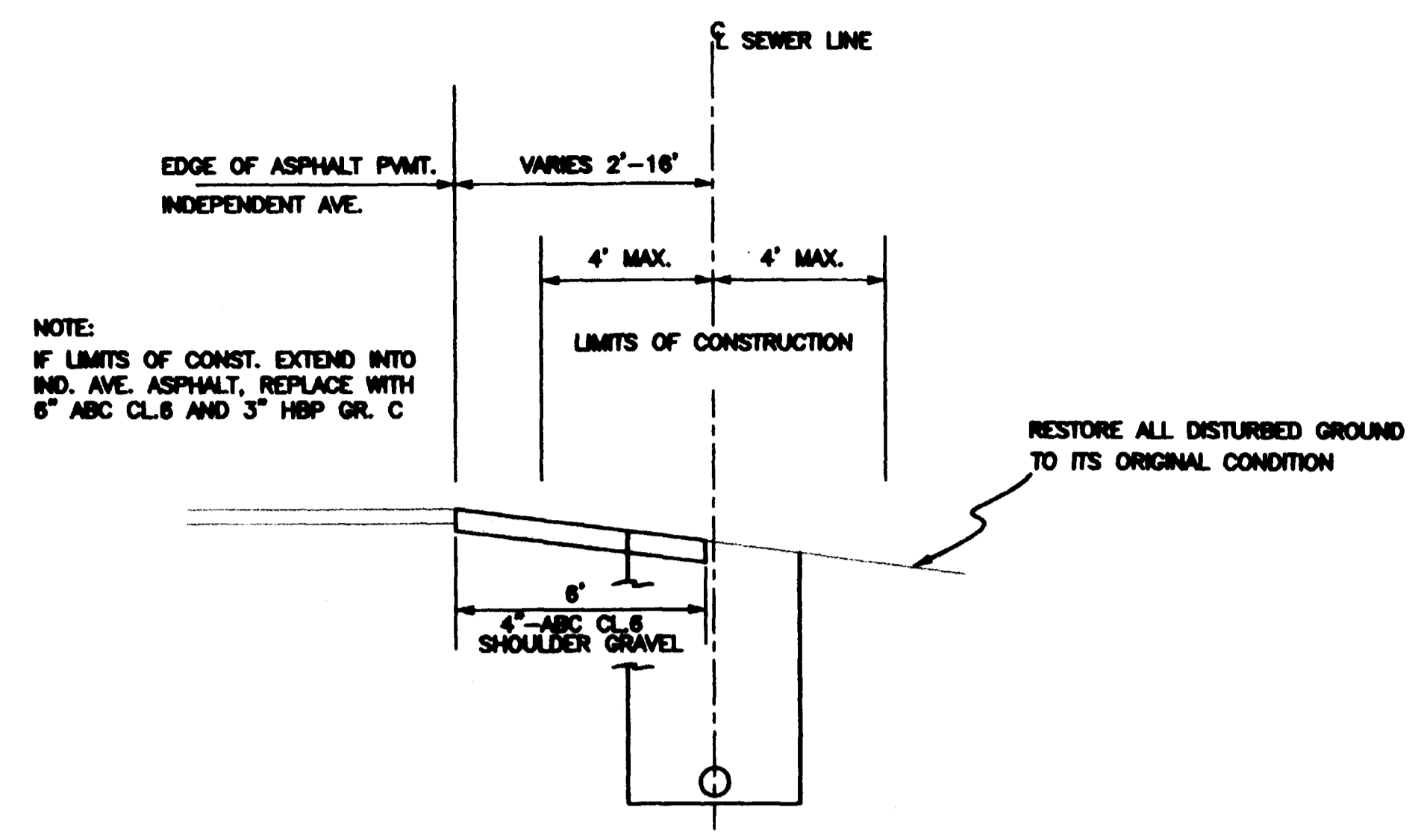
Engineering Division

GENERAL NOTES

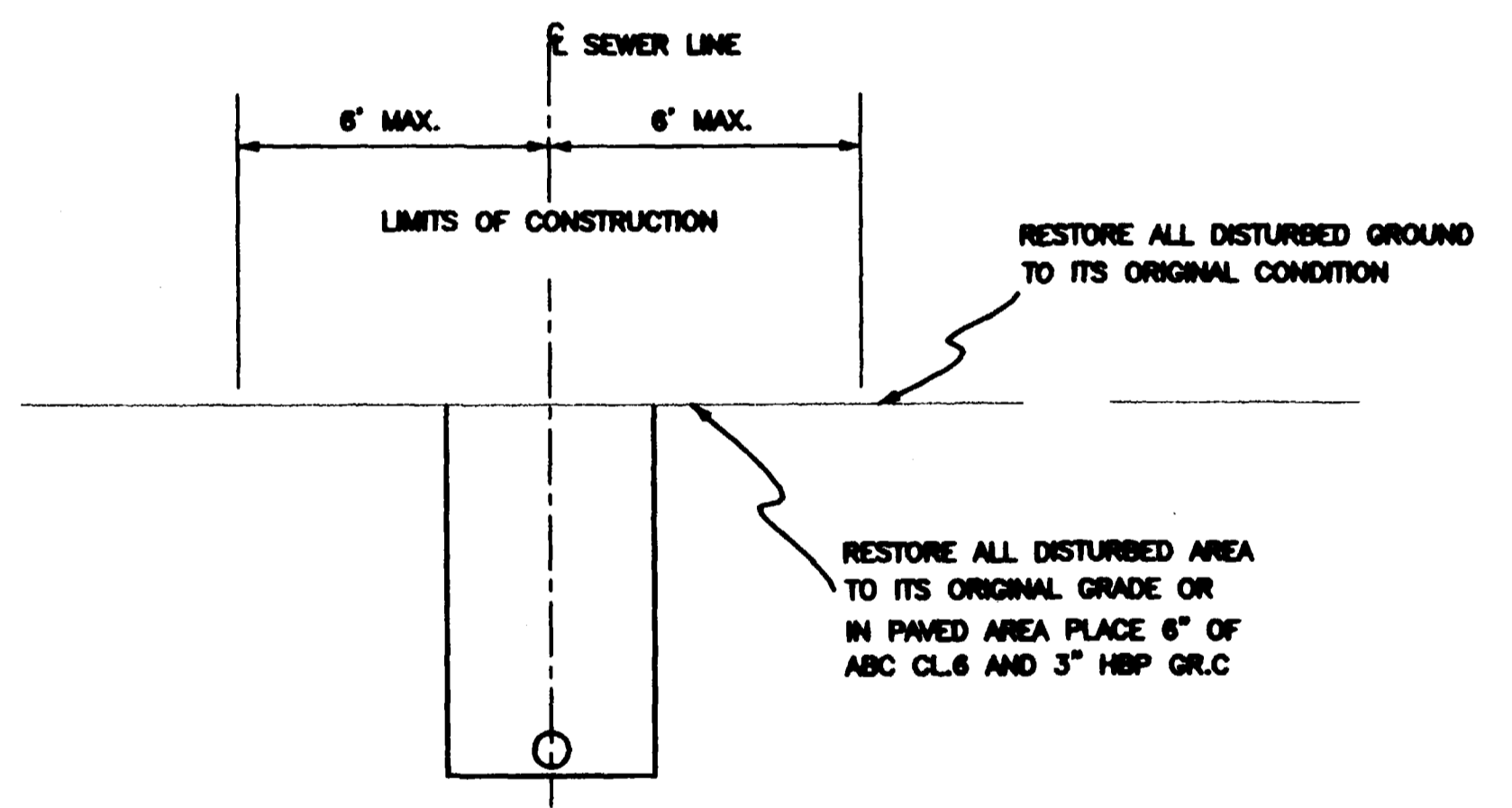
1. ALL RESTORATION, PAVEMENT REPLACEMENT, AND OTHER WORK OUTSIDE THE LIMITS OF CONSTRUCTION, UNLESS OTHERWISE NOTED, AS SHOWN ON THE TYPICAL SECTIONS WILL NOT BE MEASURED AND PAID FOR BUT SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.
2. UTE WATER WILL BE REPLACING WATER LINES ALONG THE HIGHWAY 6 & 50 ALIGNMENTS PRIOR TO THE SEWER LINE INSTALLATION. IN THE DRIVEWAY LOCATIONS THE SEWER CONTRACTOR WILL BE REQUIRED TO ESTABLISH GRADE AND PREPARE THE SURFACE FOR PAVEMENT OR PLACEMENT OF CLASS 6 ABC THIS WORK WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.
3. WORK REQUIRED TO PREPARE THE SURFACE IN THE AREA TO RECEIVE SHOULDER GRAVEL AS SHOWN ON THE TYPICAL SECTIONS WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.
4. THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS AND PROFILES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD PRIOR TO PERFORMING ANY WORK AFFECTING THEM.
5. THE CONTRACTOR SHALL PROVIDE A SANITARY FACILITY AT THE WORK SITE.
6. EXCESS EXCAVATED MATERIAL, ASPHALT, AND CONCRETE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT A LOCATION APPROVED BY THE PROJECT ENGINEER.
7. SEWER LINES F1 AND F2 ARE LOCATED WITHIN COLORADO DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY FOR U.S. HIGHWAY 6 & 50. THE CONTRACTOR WILL BE REQUIRED TO PREPARE AND SUBMIT TO C.D.O.T. A TRAFFIC CONTROL PLAN FOR THEIR REVIEW AND APPROVAL PRIOR TO ANY WORK BEING PERFORMED WITHIN THE RIGHT-OF-WAY OF U.S. HIGHWAY 6 & 50.
8. SEWER LINE T1 & T2 ARE LOCATED WITHIN THE RIGHT-OF-WAY OF THE SOUTHERN PACIFIC RAILROAD. ACCESS TO LINE T2 IS LIMITED TO THE ENDS OF THE LINE AT 24 1/2 RD. AND 24 3/4 RD. THE SPECIAL CONDITIONS INCLUDE ADDITIONAL REQUIREMENTS OF THE CONTRACTOR WHILE WORKING WITHIN THE RAILROAD RIGHT-OF-WAY.
9. IF THE CONTRACTOR ENCOUNTERS UTILITIES THAT REQUIRE RELOCATION OR ADJUSTMENT DURING CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY PROVIDERS TO MINIMIZE ANY DISRUPTION IN SERVICE.
10. ALL PAVEMENT CUTS UTILIZING METHOD(S) ALLOWED BY THE STANDARD CONTRACT DOCUMENTS SHALL BE CUT SQUARE.
11. NO TRENCHES SHALL BE LEFT OPEN OVERNIGHT WITHOUT PLACEMENT OF TYPE IV BARRIER PER C.D.O.T. SPECIFICATIONS.
12. ADEQUATE ACCESS TO ALL PROPERTIES ADJACENT TO THE PROJECT SHALL BE MAINTAINED AT ALL TIMES.
13. ALL SEWER SERVICE LINES TO BE LAID AT A 1% GRADE.(MINIMUM)
14. THE CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE PLANS AND A COPY OF GRAND JUNCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES.
15. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF GRAND JUNCTION. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY.
16. PROVIDE DUST CONTROL DURING ALL PHASES OF CONSTRUCTION.
17. ANY ABANDONED WATER LINES ENCOUNTERED DURING EXCAVATION SHALL BE REMOVED AND DISPOSED OF PER THE DIRECTION OF THE PROJECT ENGINEER.



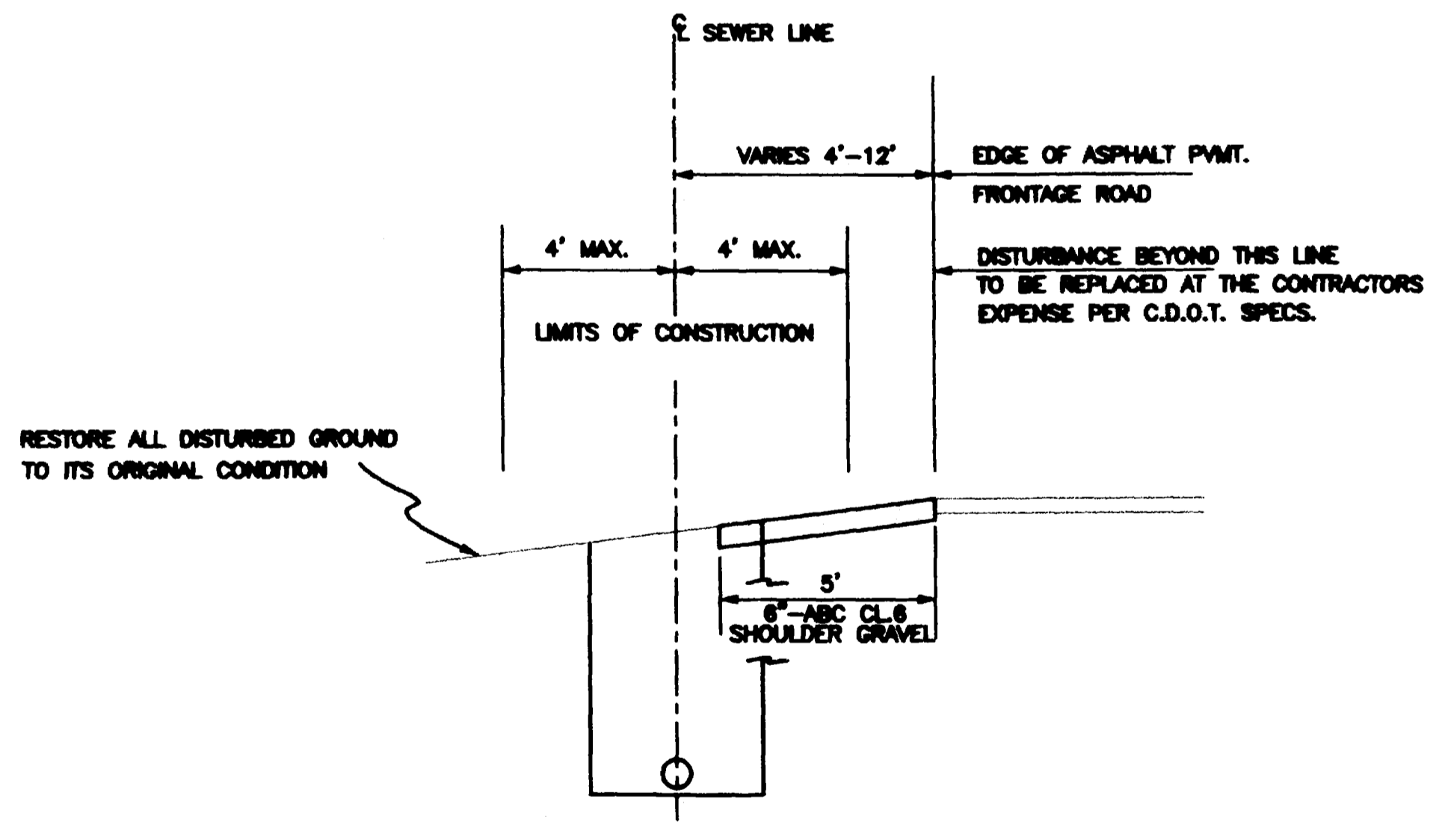
TYPICAL DRIVEWAY REPLACEMENT
SEWER LINES F1 & F2 (U.S. HYW. 6 50)



TYPICAL SECTION SEWER LINE T1
(INDEPENDENT AVE.)



TYPICAL SECTION SEWER LINE T2



TYPICAL SECTION SEWER LINES F1 & F2
(U.S. HYW. 6 & 50)

CONTROL POINTS

POINT NO.	NORTHING	EASTING	DESCRIPTION
CP-1.	5000.000	5000.000	SOUTH 1/16 CORNER SECTION 9 & 10 (MCSM)
CP-2.	8318.438	5002.052	EAST 1/4 CORNER SECTION 9 & 10 (MCSM)

NOTE: FOR APPROXIMATE LOCATIONS OF THE CONTROL POINTS, SEE COVER SHEET.

MANHOLE COORDINATES

MANHOLE NO.	NORTHING	EASTING
MH-1F1	5190.81	6221.77
MH-2F1	5317.34	5990.99
MH-3F1	5473.58	5708.01
MH-4F1	5588.56	5498.95
MH-5F1	5713.96	5287.58
MH-6F1	5784.29	5153.16
MH-1F2	6831.91	3236.55
MH-2F2	6995.36	3448.24
MH-3F2	6904.95	3803.55
MH-4F2	6485.26	3822.79
MH-5F2	6341.49	4086.11
MH-6F2	6148.82	4437.18
MH-7F2	5982.09	4744.38
MH-1T1	5310.56	4747.88
MH-2T1	5400.52	4827.82
MH-3T1	5561.04	4384.89
MH-4T1	5786.42	4054.43
MH-5T1	5983.89	3753.29
MH-1T2	7089.35	2078.83
MH-2T2	6983.09	2389.33
MH-3T2	6834.10	2764.17
MH-4T2	6440.44	3055.71
MH-5T2	6219.11	3388.89

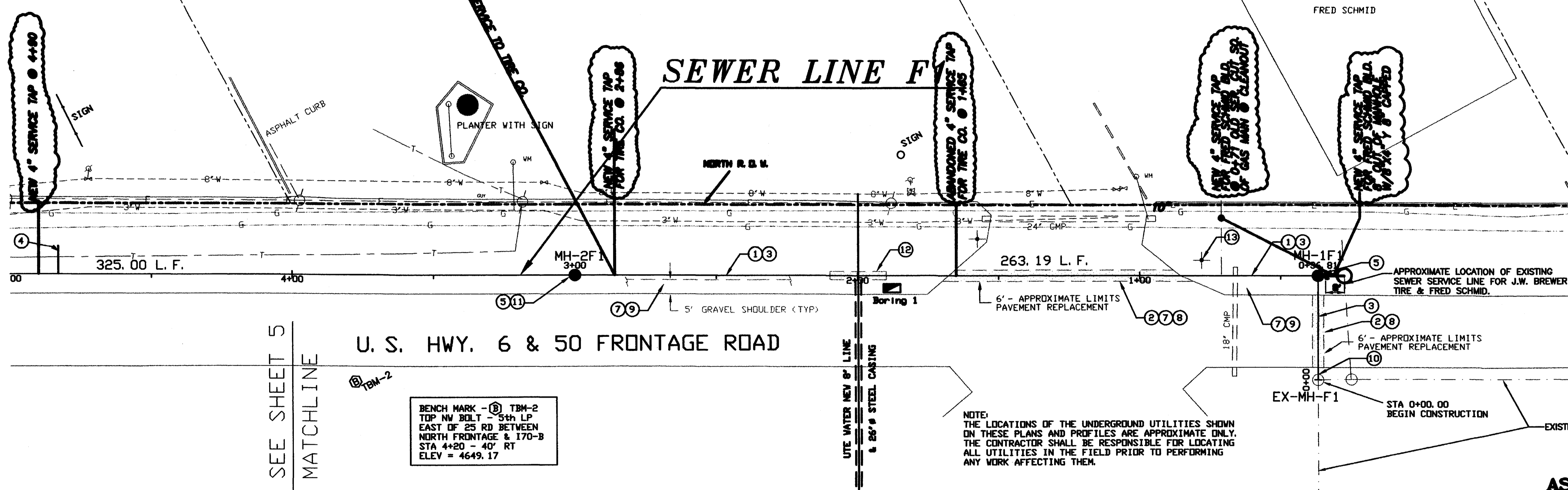
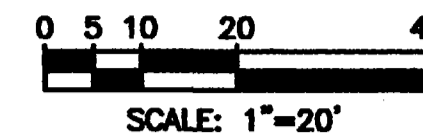
DESCRIPTION	DATE	DRAWN BY	DATE 2/21/95	SCALE
REVISION		CHECKED BY	DATE 2/21/95	PLAN
REVISION		APPROVED BY	DATE 2/21/95	HORIZ. NOT TO SCALE
REVISION		FIELD BOOK NO.	PAGE	VERT.

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

U.S. HIGHWAY 6 & 50 SEWER
IMPROVEMENT DISTRICT
Typical Sections and General Notes

LEGEND

- POWER-UTILITY POLE
- △ PHONE PED
- ⊕ WATER VALVE
- ⊙ FIRE HYDRANT
- MAIL BOX
- WATER METER



- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION (USE FLOWABLE FILL UNDER PAVEMENT).
- 4 FURNISH AND INSTALL 10 L.F. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. EXACT LOCATIONS OF THE SEWER SERVICE LINES SHALL BE DETERMINED PER THE DIRECTION OF THE PROJECT ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F1 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT 5" WIDE SHOULDER GRAVEL (CLASS 8 AGGREGATE BASE COURSE, 6" THICK), INCLUDING SHAPING PRIOR TO PLACING.
- 10 CONNECT 8" PVC SEWER LINE TO EXISTING MANHOLE, INCLUDING MAKING A HOLE FOR THE NEW PVC PIPE IN THE MANHOLE, INSTALLING WATERSTOPS, INSERTING NEW PVC PIPE INTO MANHOLE, GROUTING NEW PVC PIPE INTO EXISTING MANHOLE BASE OR WALL, AND SHAPING INVERT FOR A SMOOTH TRANSITION IN THE MANHOLE BASE.
- 11 LAY 8" DIA. SEWER LINE THRU MANHOLE, INCLUDING CAST-IN-PLACE BASE AND CUTTING TOP HALF OF SEWER LINE OFF AFTER BASE HAS SET UP.
- 12 CONSTRUCT CONCRETE ENCASUREMENT OF 8" SEWER FOR WATER LINE BELOW SEWER LINE CONDITION PER CITY OF GRAND JUNCTION STANDARDS.
- 13 REMOVE AND REPLACE SIGN, DURING CONSTRUCTION A TEMPORARY SIGN SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.

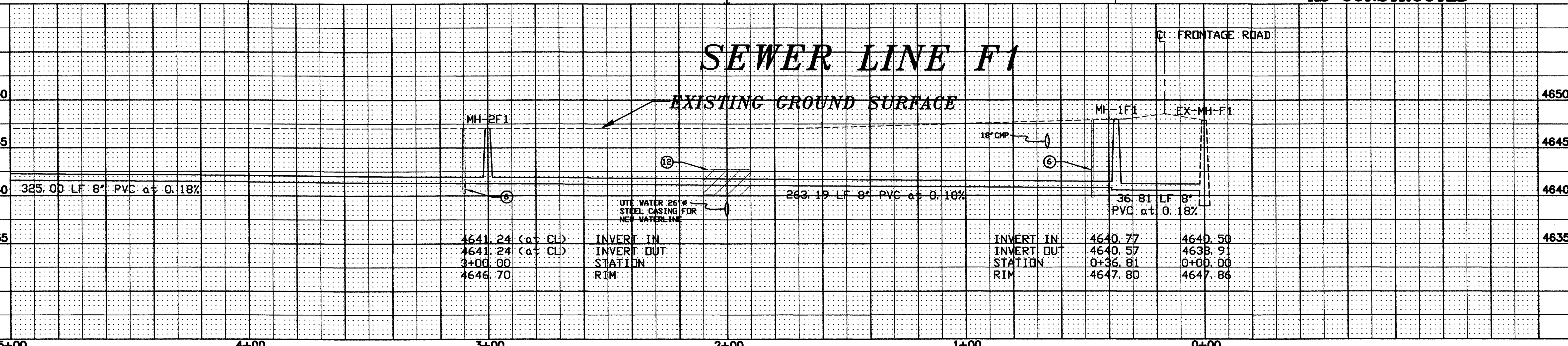
U.S. HWY. 6 & 50 FRONTAGE ROAD

BENCH MARK - TBM-2
 TOP NW BOLT - 5th LP
 EAST OF 25 RD BETWEEN
 NORTH FRONTAGE & 170-B
 STA 4+20 - 40' RT
 ELEV = 4649.17

NOTE:
 THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS AND PROFILES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD PRIOR TO PERFORMING ANY WORK AFFECTING THEM.

AS CONSTRUCTED

SEWER LINE F1



REVISION AS BUILT FROM INSPECTORS	DATE	DRAWN BY CFO	DATE 2/21/95
REVISION NOTES		CHECKED BY MDY	DATE 2/21/95
REVISION		APPROVED BY TDR	DATE 2/21/95
REVISION		FIELD BOOK NO.	PAGE

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

U.S. Highway 6 & 50
 Sewer Improvement District
 Sewer Line F1 Plan & Profile

SHEET NO. 5
 OF 18
 FILE NO. GJFRONT.DWG/PSS

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION. SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35) INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION (USE FLOWABLE FILL UNDER DRIVEWAYS).
- 4 FURNISH AND INSTALL 10 L.F. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35) INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. THE LOCATIONS OF THE SEWER SERVICE LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. FINAL LOCATIONS TO BE DETERMINED PER THE PROJECT ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP STANDARD MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F1 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT 5" WIDE SHOULDER GRAVEL (CLASS B AGGREGATE BASE COURSE, 6" THICK) INCLUDING SHAPING PRIOR TO PLACING.
- 10 PROVIDE 8" DIA. STUBOUT 5 L.F. AT 0.40% WITH 8" GLUED CAP.
- 11 LAY 8" DIA. SEWER LINE THRU MANHOLE, INCLUDING CAST-IN-PLACE BASE AND CUTTING TOP HALF OF SEWER LINE OFF AFTER BASE HAS SET UP.
- 12 FURNISH AND INSTALL 48" DIA. RCP SHALLOW MANHOLE WITH PRE-CAST FLAT TOP, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 13 WATERLINE TO BE ABANDONED.
- 14 APPROXIMATE LOCATION OF PROPOSED 8" DIA. UTE WATERLINE.

CAL SPA

FF = 4652.16

2945-103-00-058
BROADWAY FINANCIAL DEVELOPMENT
P. O. BOX 1962
GRAND JUNCTION, CO 81502

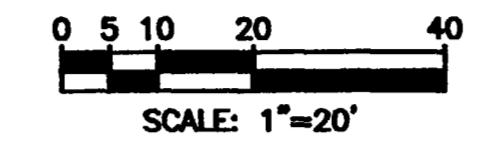
GAS STATION

FIN FLR= 4647.40

LEGEND

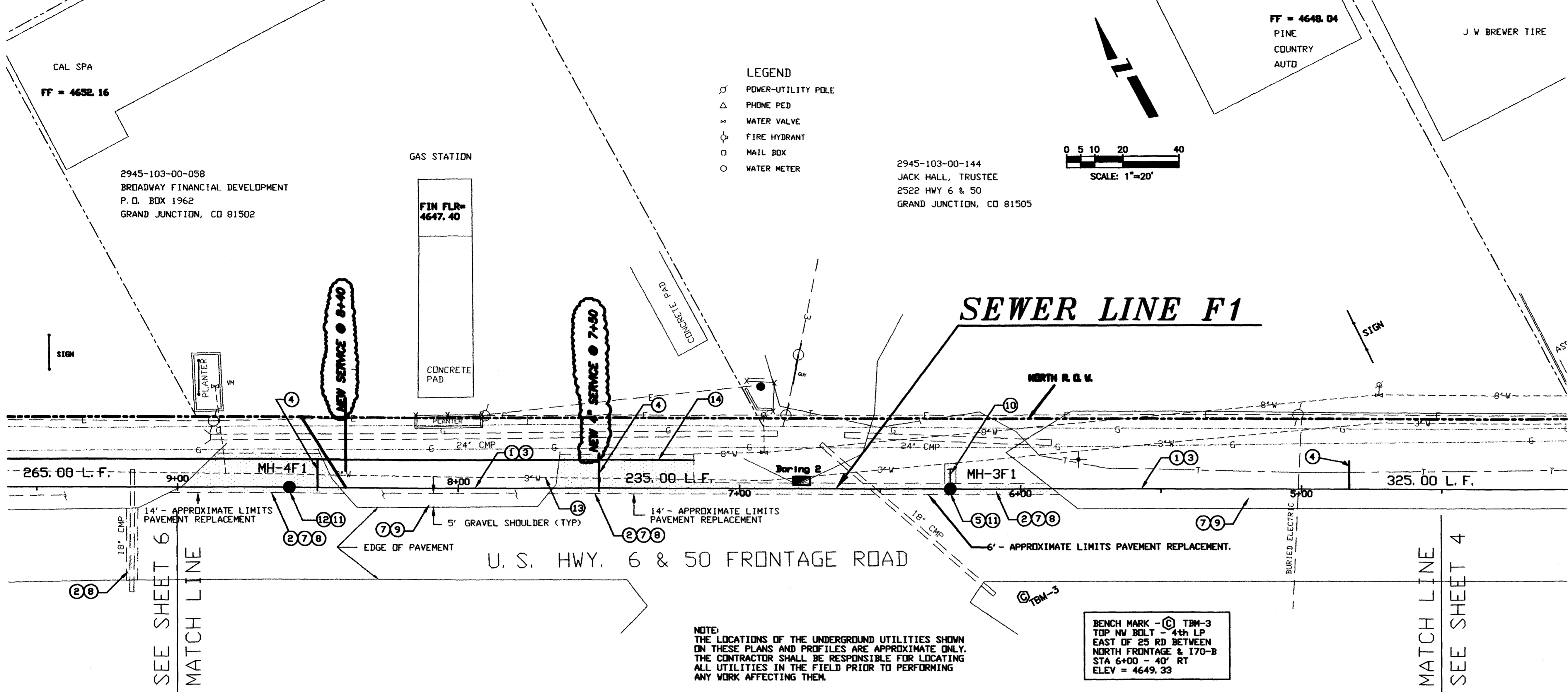
- ⊕ POWER-UTILITY POLE
- △ PHONE PED
- ⊕ WATER VALVE
- ⊕ FIRE HYDRANT
- MAIL BOX
- WATER METER

2945-103-00-144
JACK HALL, TRUSTEE
2522 HWY 6 & 50
GRAND JUNCTION, CO 81505



FF = 4648.04
PINE
COUNTRY
AUTO

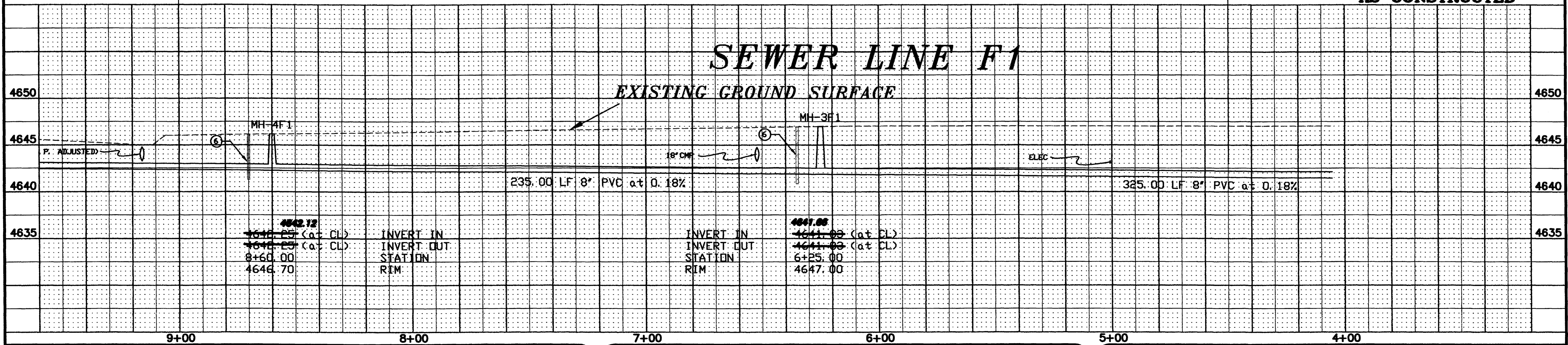
J W BREWER TIRE



NOTE:
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BENCH MARK - (C) TBM-3
TOP NV BOLT - 4th LP
EAST OF 25 RD BETWEEN
NORTH FRONTAGE & 170-B
STA 6+00 - 40' RT
ELEV = 4649.33

AS CONSTRUCTED



REVISION	DESCRIPTION	DATE
1	AS BUILT FROM INSPECTORS	
2	DRAWINGS	
3		
4		

DRAWN BY	CFD	DATE	2/21/95
CHECKED BY	MDY	DATE	2/21/95
APPROVED BY	TDR	DATE	2/21/95
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

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line F1 Plan & Profile

SHEET NO.	6
OF	18
FILE NO.	GJFRONT.DWG/PS6

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION. SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION (USE FLOWABLE FILL UNDER DRIVEWAYS).
- 4 FURNISH AND INSTALL 10 L.F. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. THE LOCATION OF THE SEWER SERVICE LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. FINAL LOCATIONS OF THE SEWER SERVICE LINES SHALL BE DETERMINED PER THE DIRECTION OF THE PROJECT ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP STANDARD MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F1 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT 5' WIDE SHOULDER GRAVEL (CLASS 6 AGGREGATE BASE COURSE, 8" THICK), INCLUDING SHAPING PRIOR TO PLACING.
- 10 CONSTRUCT A SMOOTH TRANSITION (BEAVER SLIDE) FROM INVERT IN TO INVERT OUT.
- 11 REMOVE AND REPLACE 18" DIA. CULVERT INCLUDING EXCAVATION AND BACKFILL WITH FLOWABLE FILL.
- 12 FURNISH AND INSTALL 48" DIA. RCP SHALLOW MANHOLE WITH PRE-CAST FLAT TOP, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 13 FURNISH, PLACE AND COMPACT ROAD BASE (CLASS 6 AGGREGATE BASE COURSE) 8" THICK.
- 14 WATERLINE TO BE ABANDONED.
- 15 APPROXIMATE LOCATION OF PROPOSED 8" DIA. UTE WATERLINE.

FF = 4635.36

YELLOW TRUCKING

2945-103-00-154
STEPHEN D. & BOBETTE D. MCCALLUM
552 25 ROAD
GRAND JUNCTION, CO 81505

LEGEND

- POWER-UTILITY POLE
- △ PHONE PED
- ⊕ WATER VALVE
- ⊙ FIRE HYDRANT
- MAIL BOX
- WATER METER

BOB'S QUALITY HOUSING

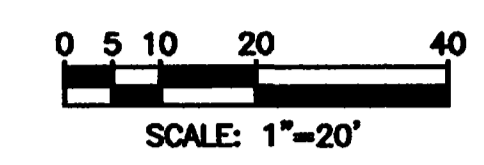
FF = 4648.22

2945-103-00-155
BOB'S MOBILE HOMES, INC.
DBA BOB'S QUALITY HOUSING, INC.
900 N. TOWNSEND AVE.
MONTROSE, CO 81401

CAL SPA

FF = 4632.16

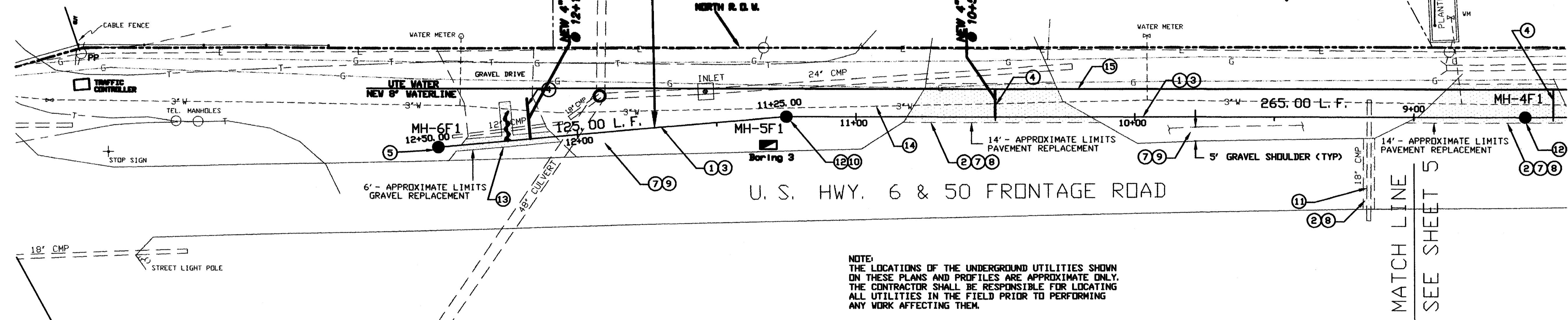
2945-103-00-058
BROADWAY FINANCIAL DEVELOPMENT
P.O. BOX 1962
GRAND JUNCTION, CO 81502



BENCH MARK - (A) TBM-1
TOP SV BOLT IN CONC OF
STEEL PP NE OF 25 RD
& 170-B
STA 14+10 - 40' RT
ELEV = 4655.33

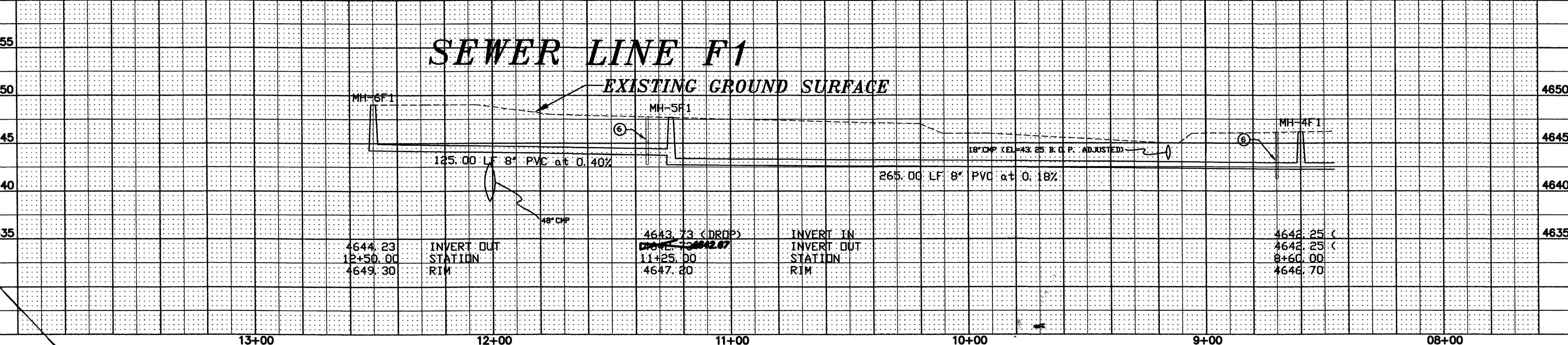
BENCH MARK - (C) TBM-3
TOP NW BOLT - 4th LP
EAST OF 25 RD BETWEEN
NORTH FRONTAGE & 170-B
STA 6+00 - 40' RT
ELEV = 4649.33

POWER
MS. POLE



NOTE:
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ON THESE PLANS AND PROFILES ARE APPROXIMATE ONLY.
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ANY WORK AFFECTING THEM.

AS CONSTRUCTED



REVISION	DESCRIPTION	DATE
AS BUILT FROM INSPECTORS		
REVISION		
REVISION		
REVISION		

DRAWN BY	CFO	DATE	2/21/95
CHECKED BY	MDY	DATE	2/21/95
APPROVED BY	TDY	DATE	2/21/95
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

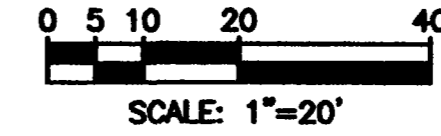
U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line F1 Plan & Profile

SHEET NO. 7
OF 18
FILE NO.
GJFRONT.DWG/PS7

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION (USE FLOWABLE FILL UNDER DRIVEWAYS).
- 4 FURNISH AND INSTALL 10 LF. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. THE LOCATIONS OF THE SEWER SERVICE LINES SHOWN ON PLANS ARE APPROXIMATE ONLY. FINAL LOCATIONS OF THE SEWER SERVICE LINES SHALL BE DETERMINED PER THE DIRECTION OF THE PROJECT ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F2 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT 5' WIDE SHOULDER GRAVEL (CLASS 8 AGGREGATE BASE COURSE, 6" THICK) INCLUDING SHAPING PRIOR TO PLACING.
- 10 CONNECT 8" PVC SEWER LINE TO EXISTING MANHOLE INCLUDING MAKING A HOLE FOR THE NEW PVC PIPE IN THE MANHOLE, INSTALLING WATERSTOPS, INSERTING NEW PVC PIPE INTO MANHOLE, GROUTING NEW PVC PIPE INTO EXISTING MANHOLE BASE OR WALL, AND SHAPING INVERT FOR A SMOOTH TRANSITION IN THE MANHOLE BASE.
- 11 REMOVE AND REPLACE MAILBOX, DURING CONSTRUCTION A TEMPORARY MAILBOX SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 12 REMOVE AND REPLACE SIGN, DURING CONSTRUCTION A TEMPORARY SIGN SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 13 PROVIDE 8" DIA. PVC STUBOUT 5 LF. AT 0.40% WITH 8" GLUED CAP.
- 14 WATERLINE TO BE ABANDONED.
- 15 APPROXIMATE LOCATION OF PROPOSED 8" DIA. UTE WATERLINE.

LEGEND
 ○ POWER-UTILITY POLE
 △ PHONE PED
 ~ WATER VALVE
 ⊕ FIRE HYDRANT
 □ MAIL BOX
 ○ WATER METER



2945-091-00-115
 GROGAN SALES PARTNERSHIP
 4717 E. VALLEY VIEW DR.
 PHOENIX, AZ 85044

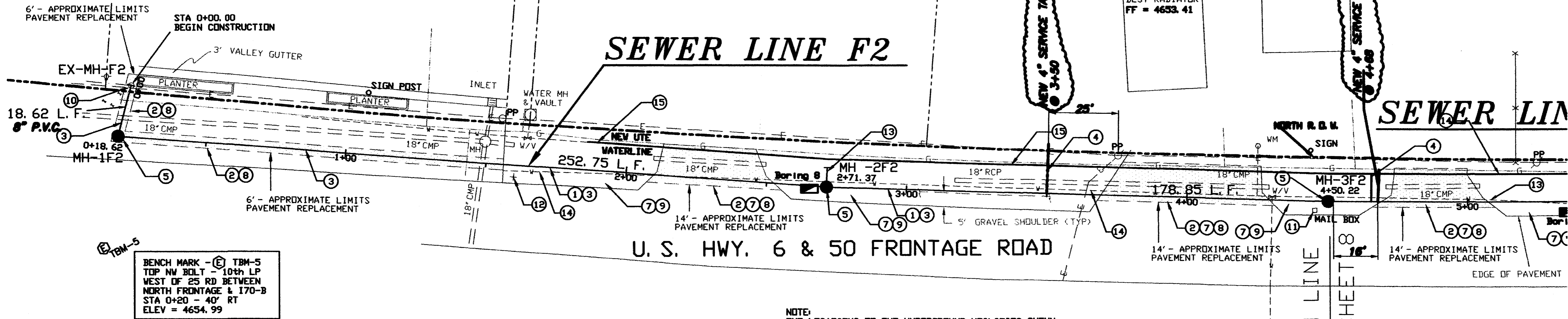
NORTHWEST TRANSPORT

2945-091-00-089
 NORTHWEST TRANSPORT SERVICE, INC.
 5601 HOLLY STREET
 COMMERCE CITY, CO 80022

2945-091-00-148
 BIG O TIRE

BEST RADIATOR
 FF = 4653.41

DILSON BUSINESS
 FF = 4653.49



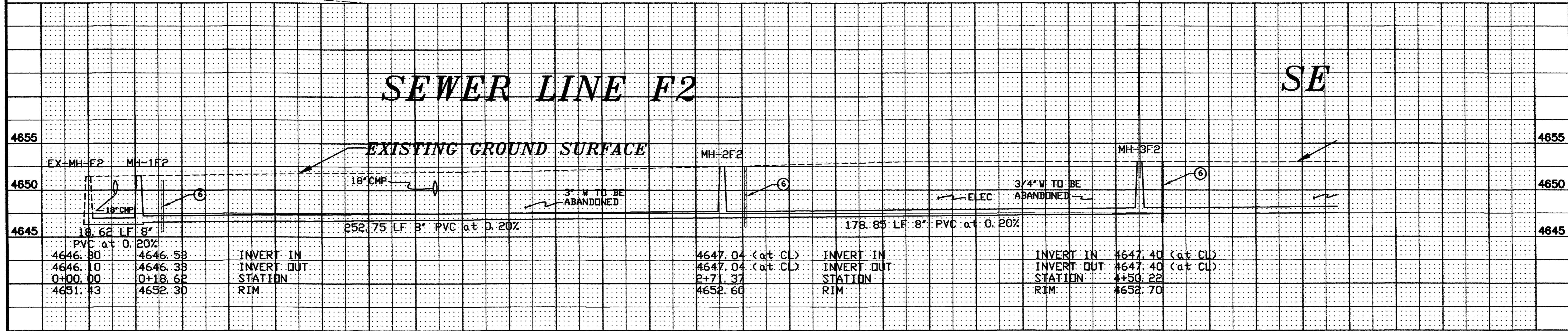
Ⓢ TBM-5
 BENCH MARK - Ⓢ TBM-5
 TOP NY BOLT - 10th LP
 WEST OF 25 RD BETWEEN
 NORTH FRONTAGE & I70-B
 STA 0+20 - 40' RT
 ELEV = 4654.99

NOTE:
 THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS AND PROFILES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD PRIOR TO PERFORMING ANY WORK AFFECTING THEM.

AS CONSTRUCTED

SEWER LINE F2

SE



REVISION A AS BUILT FROM INSPECTORS	DATE	DRAWN BY CFO	DATE 2/21/95	SCALE PLAN 1"=20' HORIZ. 1"=20' VERT. 1"=5'
REVISION B CHANGES		CHECKED BY MDY	DATE 2/21/95	
REVISION C		APPROVED BY TDR	DATE 2/21/95	
REVISION D		FIELD BOOK NO.	PAGE	

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

U.S. Highway 6 & 50
 Sewer Improvement District
 Sewer Line F2 Plan & Profile

SHEET NO. 8 OF 18
 FILE NO. GJFRONT.DWG/PS8

CONSTRUCTION NOTES

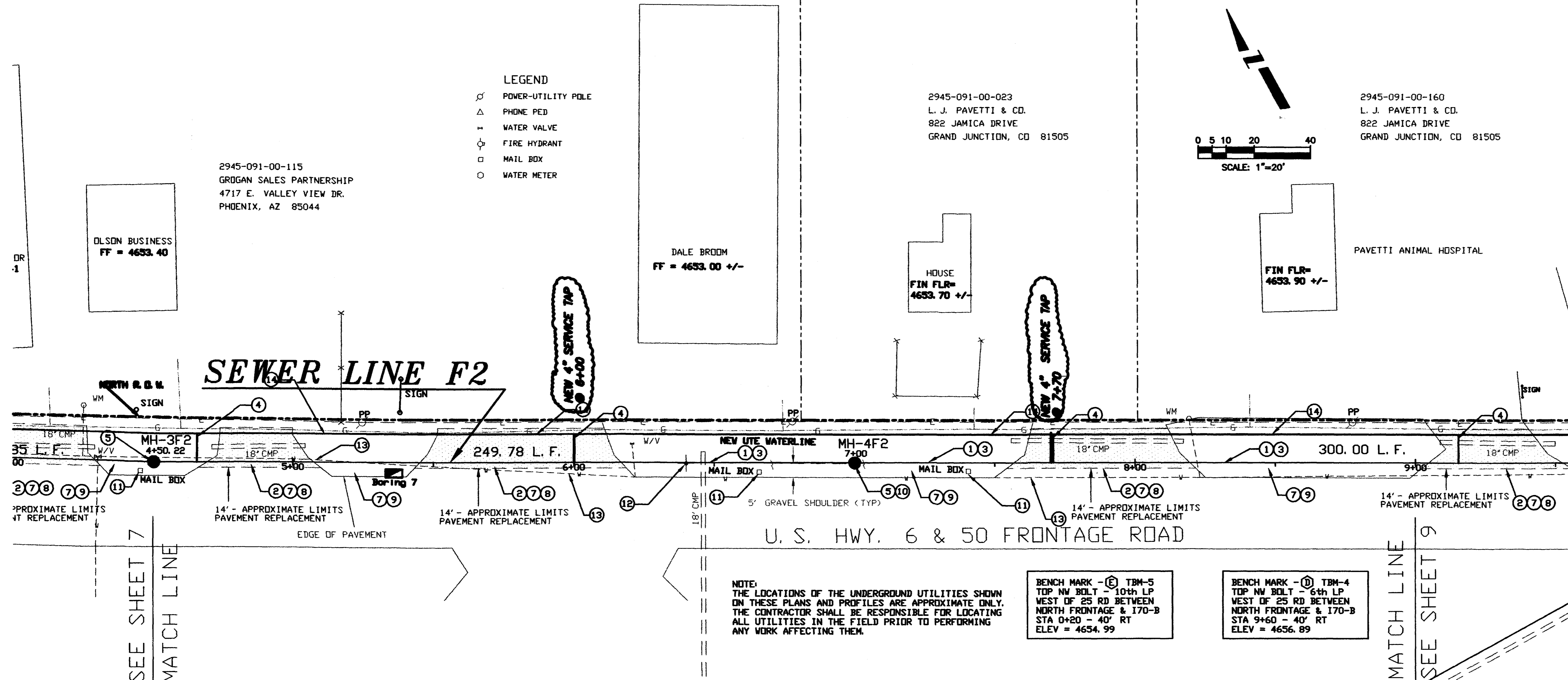
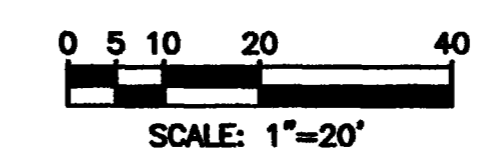
- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION (USE FLOWABLE FILL UNDER DRIVEWAYS).
- 4 FURNISH AND INSTALL 10 L.F. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLEED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. THE LOCATIONS OF THE SEWER SERVICE LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. FINAL LOCATIONS OF THE SEWER SERVICE LINES SHALL BE DETERMINED PER DIRECTION OF THE ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F2 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT SHOULDER GRAVEL (CLASS 6 AGGREGATE BASE COURSE, 6" THICK), INCLUDING SHAPING PRIOR TO PLACING.
- 10 LAY 8" DIA. PVC SEWER LINE THRU MANHOLE, INCLUDING CAST-IN PLACE BASE AND CUTTING TOP HALF OF SEWER LINE OFF AFTER BASE HAS SET UP.
- 11 REMOVE AND REPLACE MAILBOX, DURING CONSTRUCTION A TEMPORARY MAILBOX SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 12 REMOVE AND REPLACE SIGN, DURING CONSTRUCTION A TEMPORARY SIGN SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 13 WATERLINE TO BE ABANDONED.
- 14 APPROXIMATE LOCATION OF PROPOSED 8" DIA. UTE WATERLINE.

- LEGEND
- ⊗ POWER-UTILITY POLE
 - △ PHONE PED
 - ⊕ WATER VALVE
 - ⊙ FIRE HYDRANT
 - MAIL BOX
 - WATER METER

2945-091-00-115
GRIGAN SALES PARTNERSHIP
4717 E. VALLEY VIEW DR.
PHOENIX, AZ 85044

2945-091-00-023
L. J. PAVETTI & CO.
822 JAMICA DRIVE
GRAND JUNCTION, CO 81505

2945-091-00-160
L. J. PAVETTI & CO.
822 JAMICA DRIVE
GRAND JUNCTION, CO 81505

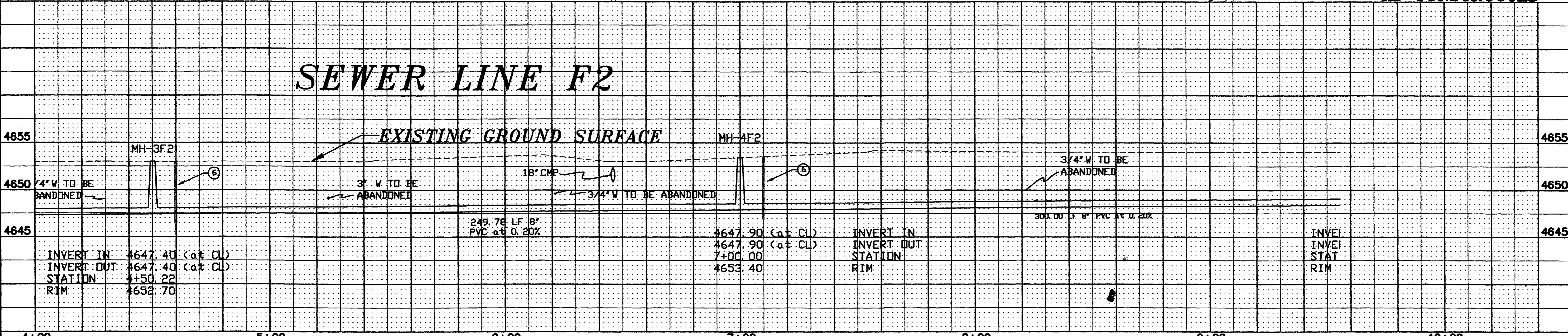


NOTE:
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BENCH MARK - (E) TBM-5
TOP NW BOLT - 10th LP
WEST OF 25 RD BETWEEN
NORTH FRONTAGE & 170-B
STA 0+20 - 40' RT
ELEV = 4654.99

BENCH MARK - (D) TBM-4
TOP NW BOLT - 6th LP
WEST OF 25 RD BETWEEN
NORTH FRONTAGE & 170-B
STA 9+60 - 40' RT
ELEV = 4656.89

AS CONSTRUCTED



REVISION AS BUILT FROM INSPECTORS	DATE	DRAWN BY	CFO	DATE	2/21/95	SCALE	
REVISION DRAININGS		CHECKED BY	MDY	DATE	2/21/95	PLAN	1"=20'
REVISION 		APPROVED BY	TDR	DATE	2/21/95	PROFILE	1"=20'
REVISION 		FIELD BOOK NO.		PAGE		VERT.	1"=5'

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

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line F2 Plan & Profile

SHEET NO. 9
OF 18
FILE NO. GJFRONT.DWG/PS9

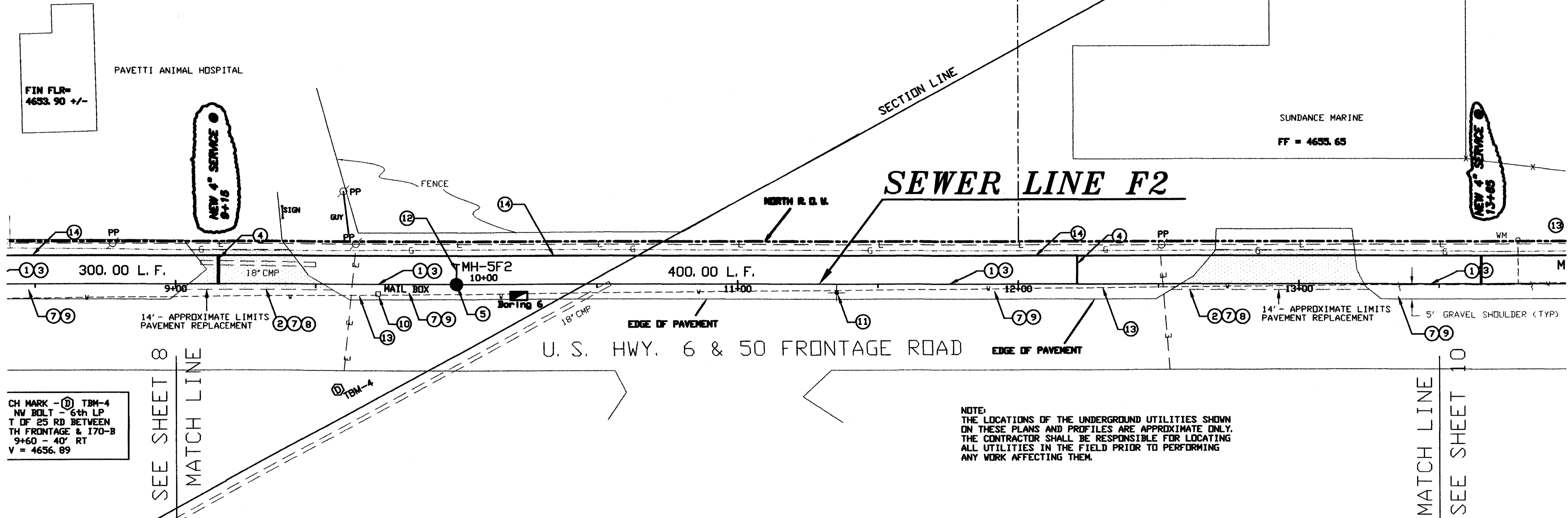
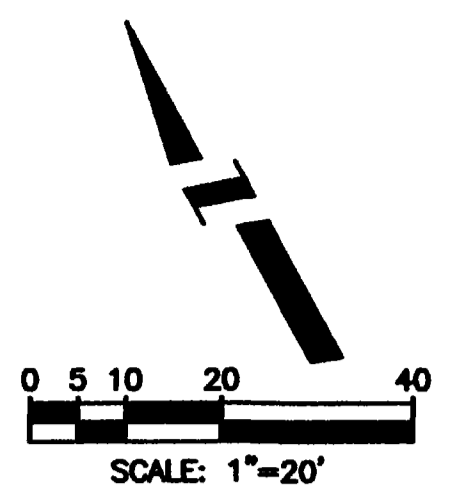
CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION (USE FLOWABLE FILL UNDER DRIVEWAYS).
- 4 FURNISH AND INSTALL 10 L.F. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. THE LOCATIONS OF THE SEWER SERVICE LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. FINAL LOCATIONS OF SEWER SERVICE LINES SHALL BE DETERMINED PER THE DIRECTION OF THE ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F2 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT 5" WIDE SHOULDER GRAVEL (CLASS 6 AGGREGATE BASE COURSE, 6" THICK), INCLUDING SHAPING PRIOR TO PLACING.
- 10 REMOVE AND REPLACE MAILBOX. DURING CONSTRUCTION A TEMPORARY MAILBOX SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 11 REMOVE AND REPLACE SIGN. DURING CONSTRUCTION A TEMPORARY SIGN SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 12 PROVIDE 8" DIA. PVC STUBOUT 5 L.F. AT 0.40% WITH GLUED CAP.
- 13 WATERLINE TO BE ABANDONED.
- 14 APPROXIMATE LOCATION OF PROPOSED 8" DIA. UTE WATERLINE.

2945-091-00-160
L. J. PAVETTI & CO.
822 JAMICA DRIVE
GRAND JUNCTION, CO 81505

2945-094-00-159
MICHAEL C. & LINDA L. McCALLUM
2490 HWY 6 & 50
GRAND JUNCTION, CO 81505

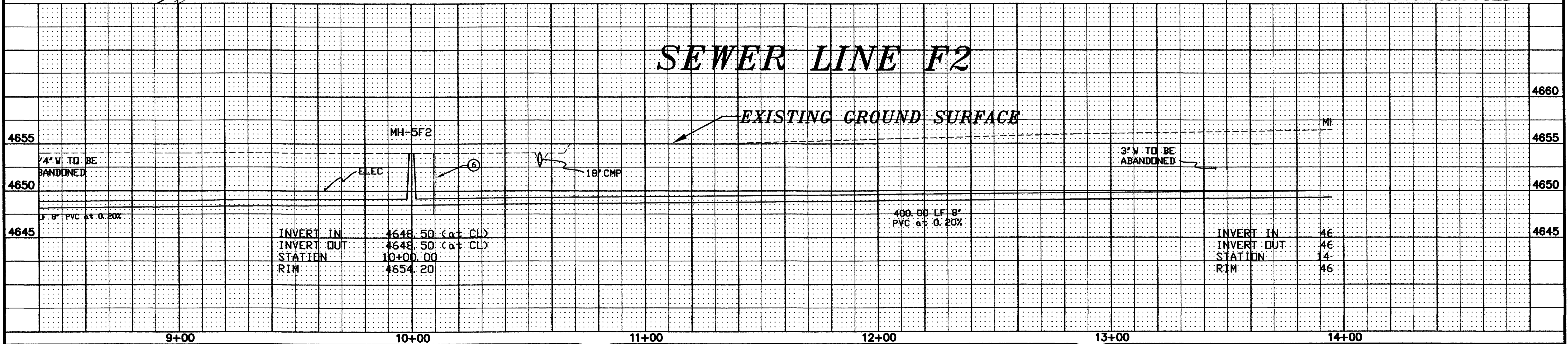
- LEGEND
- POWER-UTILITY POLE
 - △ PHONE PED
 - ⊕ WATER VALVE
 - ⊙ FIRE HYDRANT
 - MAIL BOX
 - WATER METER



CH MARK - (10) TBM-4
NW BOLT - 6th LP
T OF 25 RD BETWEEN
TH FRONTAGE & 170-B
9+60 - 40' RT
V = 4656.89

NOTE:
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AS CONSTRUCTED



DESCRIPTION	DATE	DRAWN BY	DATE	SCALE
REVISION AS BUILT FROM INSPECTORS		CFO	2/21/95	PLAN HORIZ. 1"=20' VERT. 1"=5'
REVISION DRAWINGS		MDY	2/21/95	
REVISION		TDR	2/21/95	
REVISION				

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

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line F2 Plan & Profile

SHEET NO. 10
OF 18
FILE NO. GJFRONT.DWG/PS10

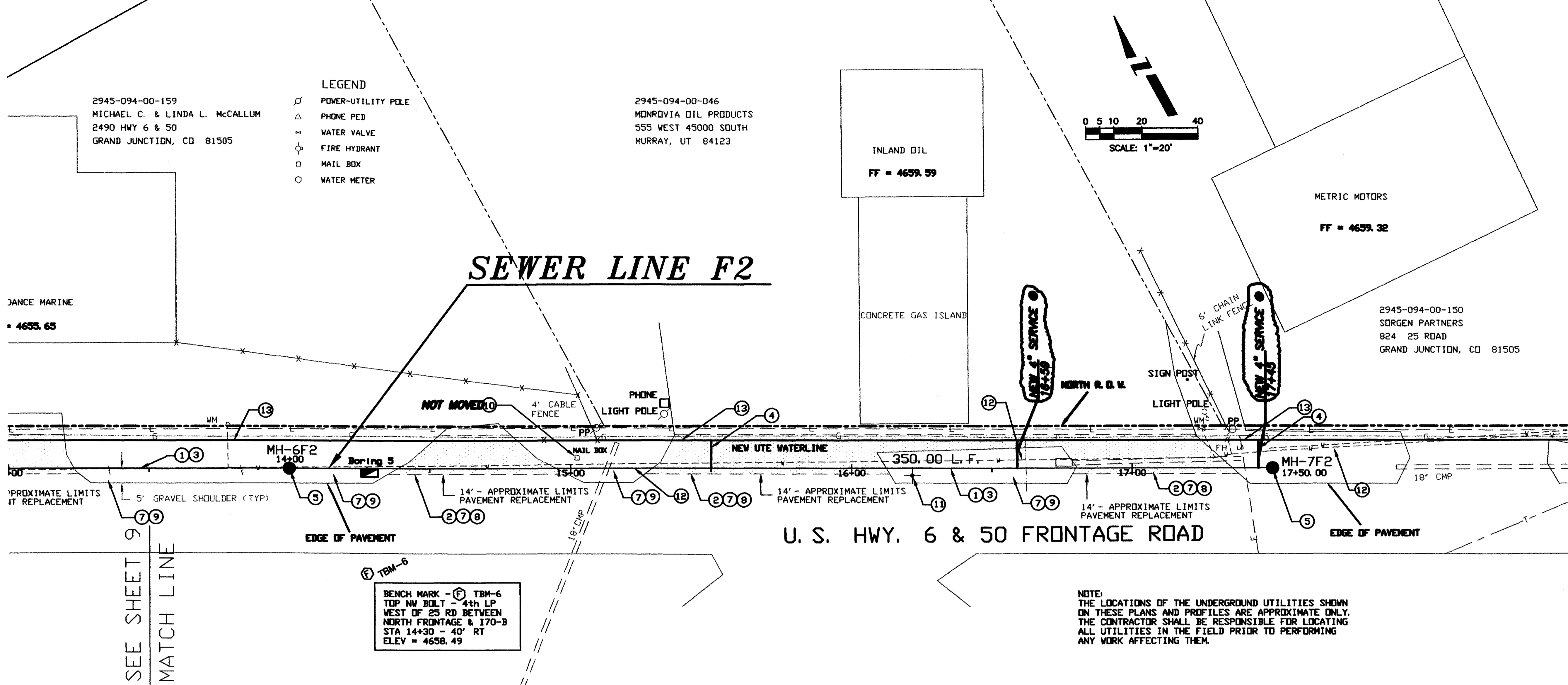
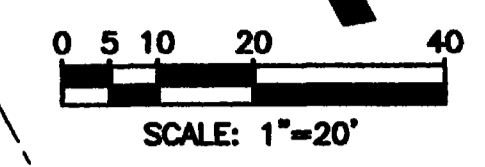
CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT PER CDOT SPECIFICATIONS.
- 3 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND AND COMPACTION (USE FLOWABLE FILL UNDER DRIVEWAYS).
- 4 FURNISH AND INSTALL 10 LF. OF 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. THE LOCATIONS OF THE SEWER SERVICE LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. FINAL LOCATIONS OF THE SEWER SERVICE LINES SHALL BE DETERMINED PER THE DIRECTION OF THE ENGINEER.
- 5 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 6 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO ALL OTHER CONSTRUCTION WORK.
- 7 SEE TYPICAL SECTIONS FOR SEWER LINE F2 SHOWN ON SHEET 4.
- 8 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 4" THICK), INCLUDING TACK COATING ALL EDGES PER CDOT SPECIFICATIONS.
- 9 FURNISH, PLACE AND COMPACT SHOULDER GRAVEL (CLASS 8 AGGREGATE BASE COURSE, 6" THICK), INCLUDING SHAPING PRIOR TO PLACING.
- 10 REMOVE AND REPLACE MAILBOX, DURING CONSTRUCTION A TEMPORARY MAILBOX SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 11 REMOVE AND REPLACE SIGN, DURING CONSTRUCTION A TEMPORARY SIGN SHALL BE PROVIDED AND LOCATED PER THE DIRECTION OF THE ENGINEER.
- 12 WATERLINE TO BE ABANDONED.
- 13 APPROXIMATE LOCATION OF PROPOSED 8" DIA. UTE WATERLINE.

- LEGEND
- ⊗ POWER-UTILITY POLE
 - △ PHONE PED
 - ⊕ WATER VALVE
 - ⊙ FIRE HYDRANT
 - MAIL BOX
 - WATER METER

2945-094-00-159
MICHAEL C. & LINDA L. McCALLUM
2490 HWY 6 & 50
GRAND JUNCTION, CO 81505

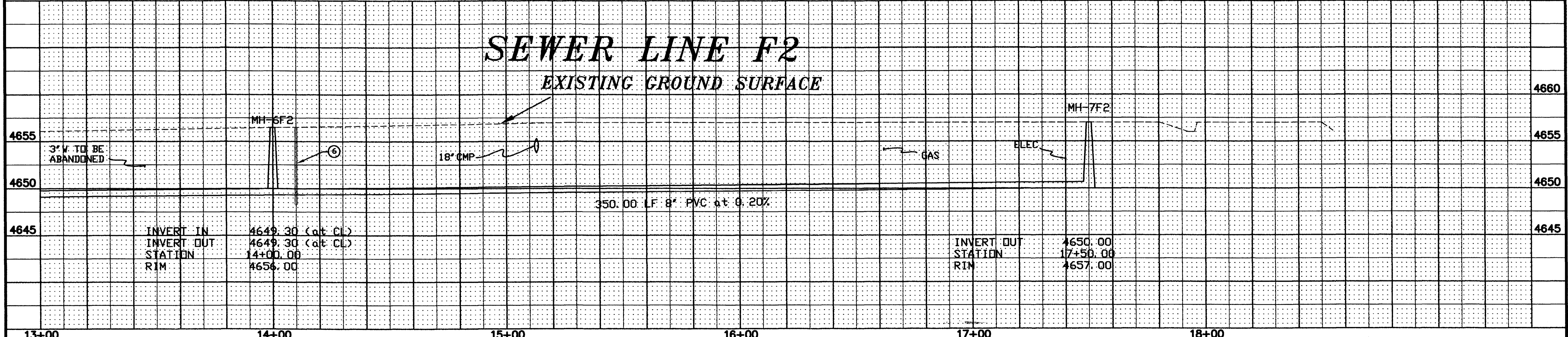
2945-094-00-046
MONROVIA OIL PRODUCTS
555 WEST 45000 SOUTH
MURRAY, UT 84123



BENCH MARK - (6) TBM-6
TOP NW BOLT - 4th LP
WEST OF 25 RD BETWEEN
NORTH FRONTAGE & 170-B
STA 14+30 - 40' RT
ELEV = 4658.49

NOTE:
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ON THESE PLANS AND PROFILES ARE APPROXIMATE ONLY.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING
ALL UTILITIES IN THE FIELD PRIOR TO PERFORMING
ANY WORK AFFECTING THEM.

AS CONSTRUCTED



REVISION AS BUILT FROM INSPECTORS	DATE	DRAWN BY CFO	DATE 2/21/95
REVISION CHANGES		CHECKED BY MDY	DATE 2/21/95
REVISION 		APPROVED BY TDR	DATE 2/21/95
REVISION 		FIELD BOOK NO.	PAGE

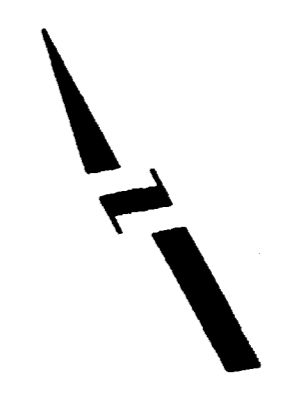
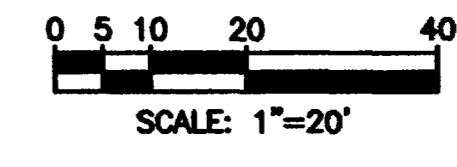
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line F2 Plan & Profile

SHEET NO. 11
OF 18
FILE NO. GJFRONT.DWG/PS11

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION. SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION.
- 3 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 4 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO OTHER ITEMS OF WORK AND WILL NOT BE MEASURED AND PAID SEPARATELY.
- 5 FURNISH AND INSTALL 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. LOCATIONS OF THE SERVICE SEWER LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS OF THE SERVICE SEWER LINES SHALL BE DETERMINED BY THE PROJECT ENGINEER.
- 6 CONNECT 8" PVC SEWER LINE TO EXISTING MANHOLE INCLUDING MAKING A HOLE FOR THE NEW PVC PIPE IN THE MANHOLE, INSTALLING WATERSTOPS, INSERTING NEW PVC PIPE INTO MANHOLE, GROUTING NEW PVC PIPE INTO EXISTING MANHOLE BASE OR WALL, AND SHAPING INVERT FOR A SMOOTH TRANSITION IN THE MANHOLE BASE.
- 7 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT.
- 8 FOR TYPICAL TRENCH SECTION FOR SEWER LINE T1, SEE TYPICAL SECTION SHEET 4.
- 9 FURNISH, PLACE AND COMPACT SHOULDER GRAVEL (CLASS 6 AGGREGATE BASE COURSE, 4" THICK), INCLUDING SHAPING PRIOR TO PLACEMENT. FOR DETAIL SEE SHEET 4.
- 10 FURNISH, PLACE AND COMPACT ROAD BASE (CLASS 8 AGGREGATE BASE COURSE, 6" THICK).
- 11 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 3" THICK), INCLUDING TACK COATING ALL EDGES.
- 12 THE LOCATION OF 36" CMP DRAIN PIPE SHOWN ON THE PLAN AND PROFILES ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ELEVATIONS OF THE CMP PIPE IN THE FIELD PRIOR TO STARTING INSTALLATION OF LINE T1.



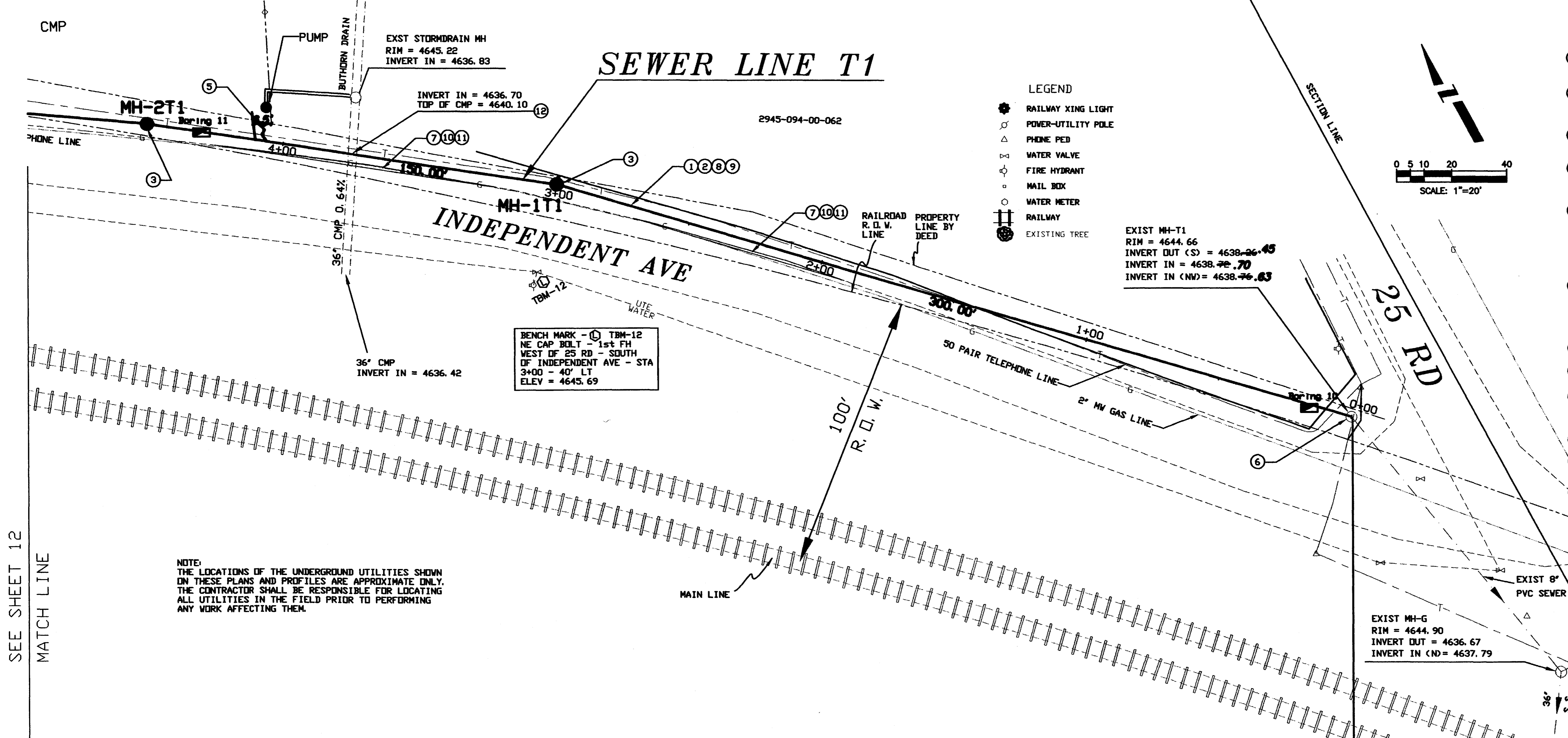
- LEGEND
- RAILWAY CROSSING LIGHT
 - POWER-UTILITY POLE
 - PHONE PED
 - WATER VALVE
 - FIRE HYDRANT
 - MAIL BOX
 - WATER METER
 - RAILWAY
 - EXISTING TREE

EXIST MH-T1
RIM = 4644.66
INVERT OUT (S) = 4638.26.45
INVERT IN = 4638.76.70
INVERT IN (NW) = 4638.76.83

EXIST MH-G
RIM = 4644.90
INVERT OUT = 4636.67
INVERT IN (NW) = 4637.79

SEWER TAP LOCATIONS SHOWN WERE OBTAINED FROM CAMERA LOGS.

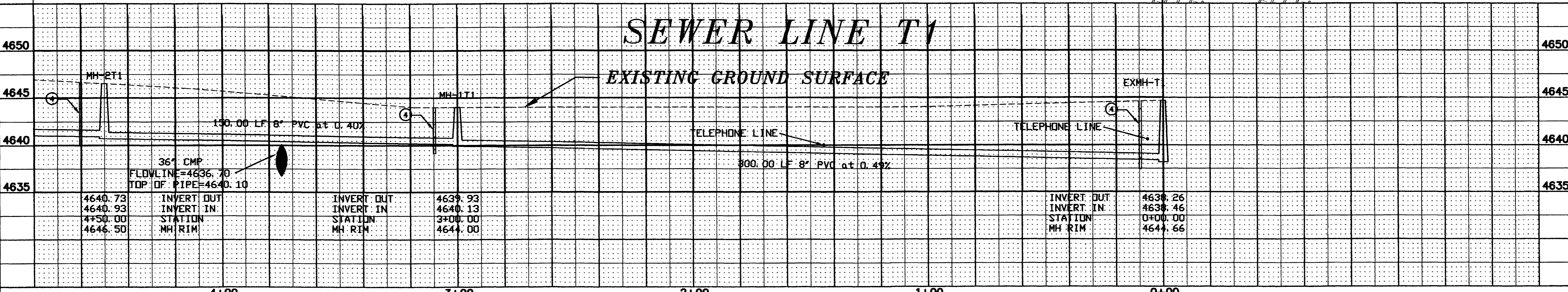
AS CONSRUCTED



NOTE:
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BENCH MARK - TBM-12
NE. CAP BOLT - 1st FH
WEST OF 25 RD - SOUTH
OF INDEPENDENT AVE - STA
3+00 - 40' LT
ELEV = 4645.69

SEE SHEET 12
MATCH LINE



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	FIELD BOOK NO.	PAGE
REVISION A			CFO	2/21/95	WL	2/21/95	TDR	2/21/95		
REVISION B										
REVISION C										
REVISION D										

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

U.S. Highway 6 & 50
Sewer Line T1 Plan & Profile

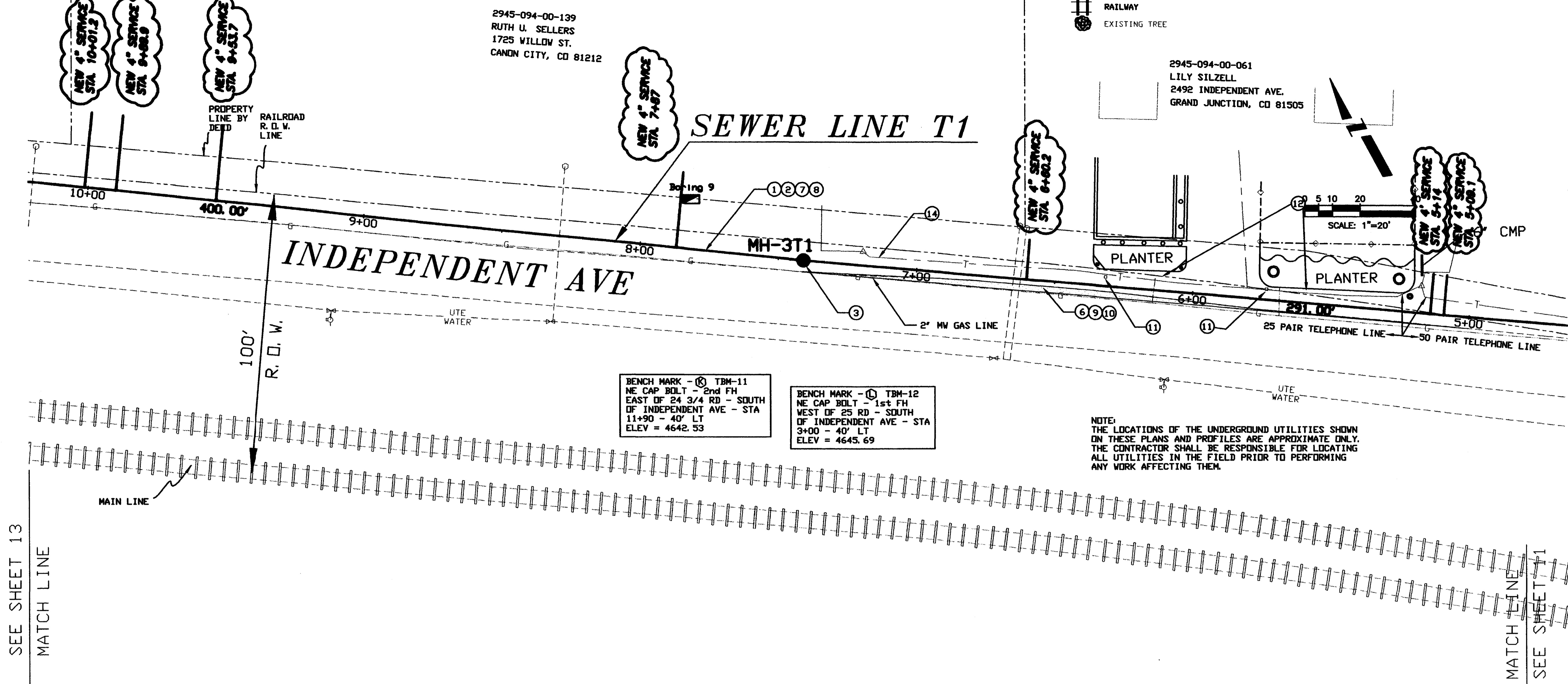
SHEET NO. 12
OF 18
FILE NO. RALDWG/PS12

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION.
- 3 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 4 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO OTHER ITEMS OF WORK AND WILL NOT BE MEASURED AND PAID SEPARATELY.
- 5 FURNISH AND INSTALL 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. LOCATIONS OF THE SERVICE SEWER LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS OF THE SERVICE SEWER LINES SHALL BE DETERMINED PER THE DIRECTION OF THE PROJECT ENGINEER.
- 6 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT.
- 7 FOR TYPICAL TRENCH SECTION FOR SEWER LINE T1, SEE TYPICAL SECTION SHEET 4.
- 8 FURNISH, PLACE AND COMPACT SHOULDER GRAVEL (CLASS 6 AGGREGATE BASE COURSE, 4" THICK), INCLUDING SHAPING PRIOR TO PLACEMENT. FOR DETAIL SEE SHEET 4.
- 9 FURNISH, PLACE AND COMPACT ROAD BASE (CLASS 6 AGGREGATE BASE COURSE, 6" THICK).
- 10 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 3" THICK), INCLUDING TACK COATING ALL EDGES.
- 11 REMOVE THE MAILBOXES AND PLACE THEM AT TEMPORARY LOCATIONS UNDER THE DIRECTION OF THE PROJECT ENGINEER - PUT THE MAILBOXES BACK IN THEIR ORIGINAL LOCATIONS AFTER THE COMPLETION OF THE SEWER LINE T1.
- 12 RESTORE LANDSCAPING TO ORIGINAL CONDITION - THIS WORK IS INCIDENTAL TO OTHER ITEMS OF WORK.

2945-094-00-139
RUTH U. SELLERS
1725 WILLOW ST.
CANDON CITY, CO 81212

2945-094-00-061
LILY SILZELL
2492 INDEPENDENT AVE.
GRAND JUNCTION, CO 81505



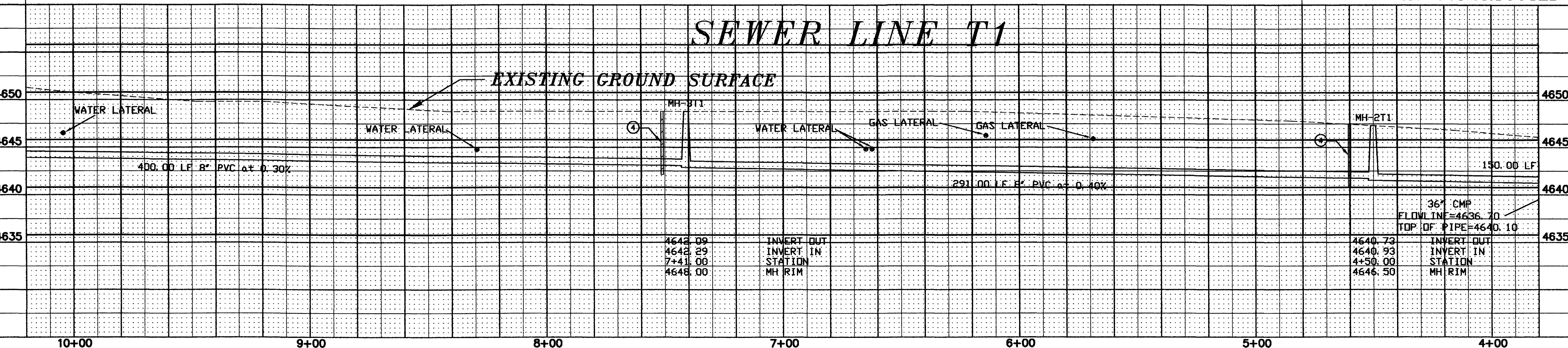
BENCH MARK - (⊙) TBM-11
NE CAP BOLT - 2nd FH
EAST OF 24 3/4 RD - SOUTH
OF INDEPENDENT AVE - STA
11+90 - 40' LT
ELEV = 4642.53

BENCH MARK - (⊙) TBM-12
NE CAP BOLT - 1st FH
WEST OF 25 RD - SOUTH
OF INDEPENDENT AVE - STA
3+00 - 40' LT
ELEV = 4645.69

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SEWER TAP LOCATIONS SHOWN WERE OBTAINED FROM CAMERA LOGS.

AS CONSRUTCTED



REVISION Δ	DATE	DRAWN BY	CFO	DATE	2/21/95	SCALE	PLAN	PROFILE
REVISION Δ		CHECKED BY	WL	DATE	2/21/95	HORIZ.	1"=20'	1"=20'
REVISION Δ		APPROVED BY	TDR	DATE	2/21/95	VERT.	1"=5'	
REVISION Δ		FIELD BOOK NO.		PAGE				

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

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line T1 Plan & Profile

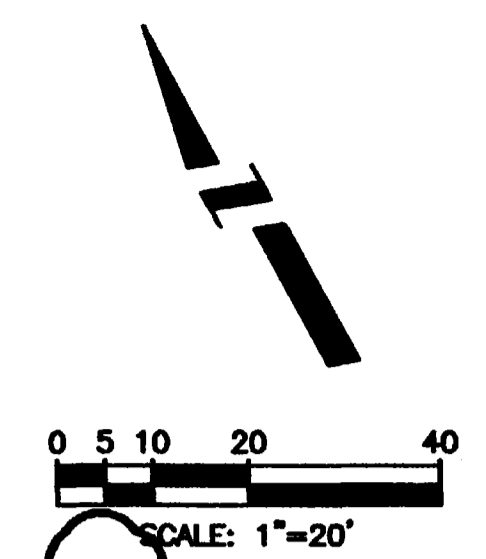
SHEET NO. 13
OF 18
FILE NO. RAL.DWG/PS13

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION.
- 3 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 4 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO OTHER ITEMS OF WORK AND WILL NOT BE MEASURED AND PAID SEPARATELY.
- 5 FURNISH AND INSTALL 4" DIA. PVC SEWER SERVICE LINE WITH 4" GLUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. LOCATIONS OF THE SERVICE SEWER LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS OF THE SERVICE SEWER LINES SHALL BE DETERMINED PER THE DIRECTION OF THE PROJECT ENGINEER.
- 6 FOR TYPICAL TRENCH SECTION FOR SEWER LINE T1, SEE TYPICAL SECTION SHEET 4.
- 7 FURNISH, PLACE AND COMPACT SHOULDER GRAVEL (CLASS 6 AGGREGATE BASE COURSE, 4" THICK), INCLUDING SHAPING PRIOR TO PLACEMENT. FOR DETAIL SEE SHEET 4.
- 8 REMOVE THE MAILBOXES AND PLACE THEM AT TEMPORARY LOCATIONS UNDER THE DIRECTION OF THE PROJECT ENGINEER - PUT THE MAILBOXES BACK IN THEIR ORIGINAL LOCATIONS AFTER THE COMPLETION OF THE SEWER LINE T1.
- 9 THE CONTRACTOR SHALL REPLACE UPON COMPLETION OF THE SANITARY SEWER, AS CLOSE TO ORIGINAL CONDITION AS POSSIBLE, ANY 12" CMP DRAIN PIPE THAT WAS TEMPORARILY REMOVED TO ALLOW FOR CONSTRUCTION.

LEGEND

- RAILWAY XING LIGHT
- POWER-UTILITY POLE
- △ PHONE PED
- ⊗ WATER VALVE
- ⊕ FIRE HYDRANT
- MAIL BOX
- WATER METER
- ⊥ RAILWAY
- EXISTING TREE



2945-094-00-072
G. W. PEDERSON
2485 HWY 6 & 50
GRAND JUNCTION, CO 81505

2945-094-00-052
LYMAN W. SMITH
2474 INDEPENDENT AVE.
GRAND JUNCTION, CO 81505

2945-094-00-053
BILLIE G. SCOTT &
SCOTT L. ROMAGER
2476 1/2 INDEPENDENT AVE.
GRAND JUNCTION, CO 81505

2945-094-00-055
BILLIE G. SCOTT &
SCOTT L. ROMAGER
2476 1/2 INDEPENDENT AVE.
GRAND JUNCTION, CO 81505

2945-094-00-054
RAYMOND C. COLE
3276 B1/2 RD
GRAND JUNCTION, CO 81503

2945-094-00-056
RAYMOND C. COLE
3276 B1/2 RD
GRAND JUNCTION, CO 81503

SEWER LINE T1

INDEPENDENT AVE

SEWER LINE T1

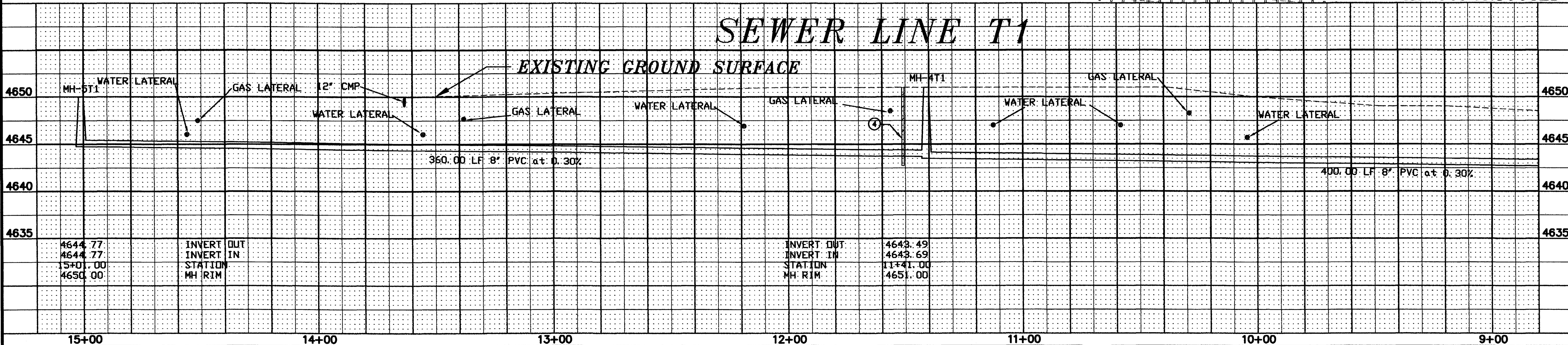
NOTE:
THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS AND PROFILES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD PRIOR TO PERFORMING ANY WORK AFFECTING THEM.

RAILROAD NOTE:
PER. NO. 666 PUBLIC SERVICE COMPANY 2" GAS LINE AT MP 451+2571

BENCH MARK - (K) TBM-11
NE CAP BOLT - 2nd FH
EAST OF 24 3/4 RD - SOUTH
OF INDEPENDENT AVE - STA
11+90 - 40' LT
ELEV = 4642.53

SEWER TAP LOCATIONS SHOWN WERE OBTAINED FROM CAMERA LOGS.

AS CONSRTRUCTED



REVISION	DESCRIPTION	DATE
REVISION Δ		
REVISION Δ		
REVISION Δ		
REVISION Δ		

DRAWN BY CFO DATE 2/21/95
CHECKED BY WL DATE 2/21/95
APPROVED BY TDR DATE 2/21/95
FIELD BOOK NO. PAGE

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

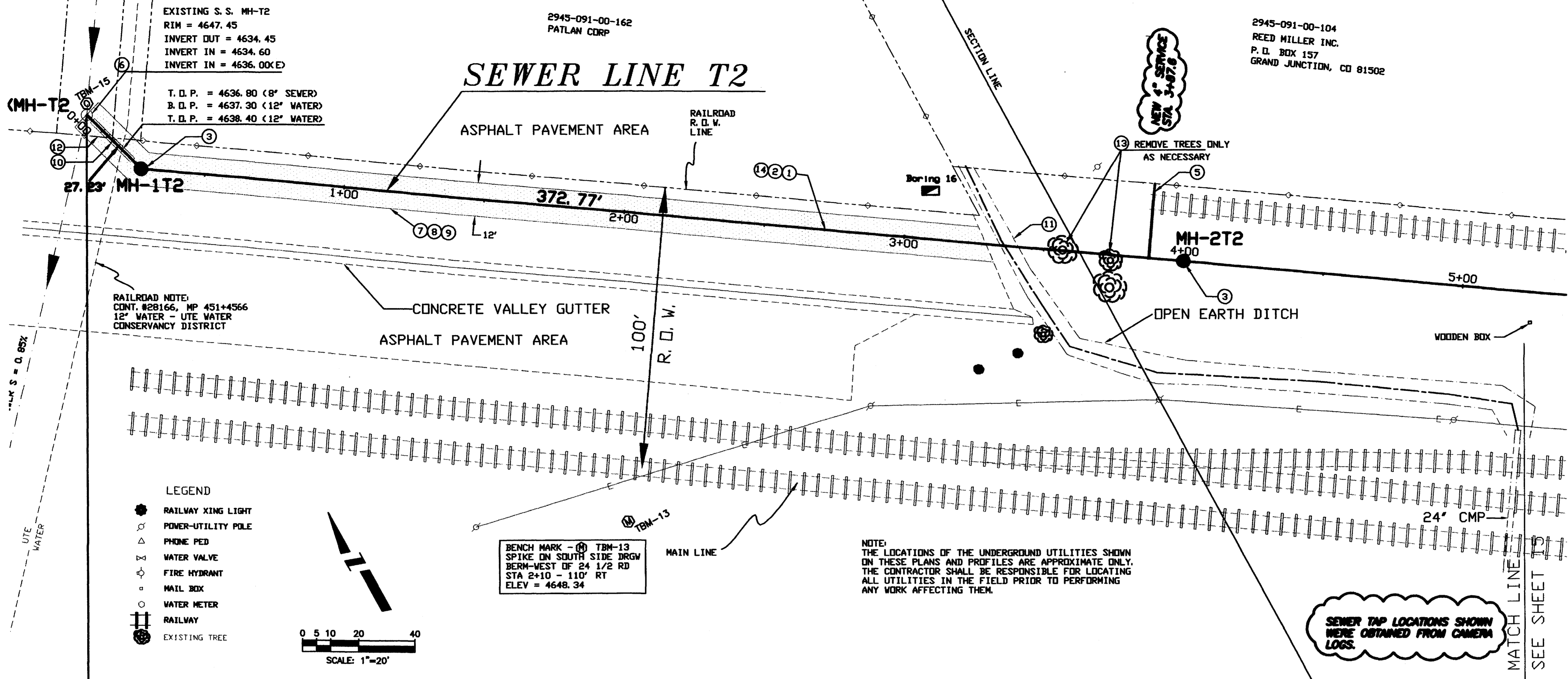
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line T1 Plan & Profile

SHEET NO. 14
OF 18
FILE NO. RAIL.DWG/PS14

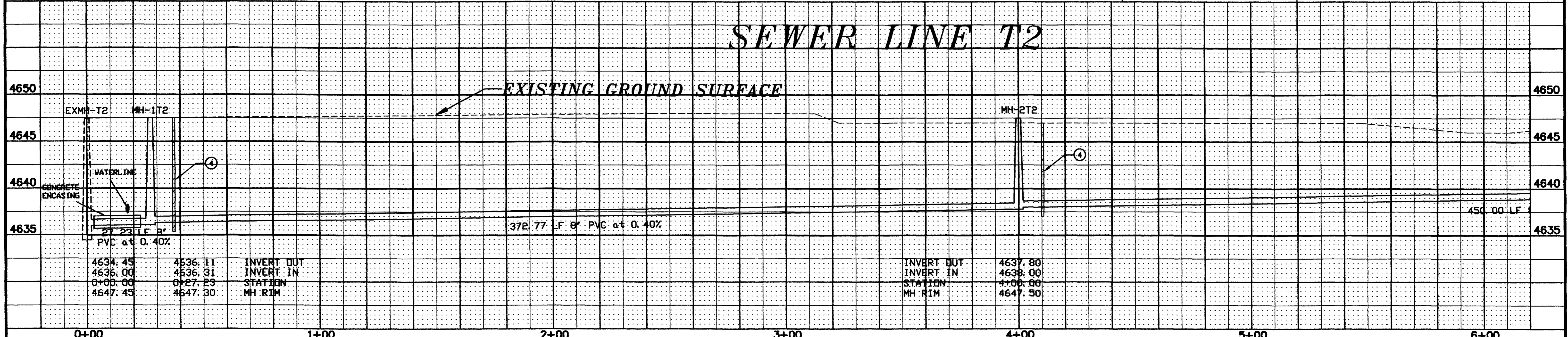
CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION.
- 3 FURNISH AND INSTALL 48" DIA. RCP MANHOLE WITH CONE, GRADE RINGS, RING AND COVER, INCLUDING EXCAVATION, BEDDING (TYPE A), BACKFILL AND COMPACTION.
- 4 CONSTRUCT CLAY PLUGS INCLUDING IMPORT, PLACEMENT AND COMPACTION. THIS WORK IS INCIDENTAL TO OTHER ITEMS OF WORK AND WILL NOT BE MEASURED AND PAID SEPARATELY.
- 5 FURNISH AND INSTALL 4" DIA. PVC SEWER LINE WITH 4" GLEUED CAP (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION. LOCATIONS OF THE SERVICE SEWER LINES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS OF THE SERVICE SEWER LINES SHALL BE DETERMINED PER THE DIRECTION OF THE PROJECT ENGINEER.
- 6 CONNECT 8" PVC SEWER LINE TO EXISTING MANHOLE INCLUDING MAKING A HOLE FOR THE NEW PVC PIPE IN THE MANHOLE, INSTALLING WATERSTOPS, INSERTING NEW PVC PIPE INTO MANHOLE, GROUTING NEW PVC PIPE INTO EXISTING MANHOLE WALL.
- 7 CUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT.
- 8 FURNISH, PLACE AND COMPACT CLASS 6 AGGREGATE BASE COURSE, (6" THICK).
- 9 FURNISH, PLACE AND COMPACT HOT BITUMINOUS PAVEMENT (GRADING C, 3" THICK), INCLUDING TACK COATING ALL EDGES.
- 10 CONSTRUCT CONCRETE ENCASMENT OF 8" SEWER BETWEEN EX-MH-T2 AND MH-1T2 AS SHOWN ON THE DRAWINGS FOR WATER LINE ABOVE SEWER LINE CONDITION PER CITY OF GRAND JUNCTION STANDARDS.
- 11 REMOVE AND REPLACE THE OPEN-EARTH DITCH DISTURBED DURING THE CONSTRUCTION OF SEWER LINE T2, TO ITS ORIGINAL CONDITIONS. THIS WORK IS INCIDENTAL TO OTHER ITEMS OF CONSTRUCTION.
- 12 REMOVE 20 LF. OF CHAIN LINK FENCE - REPLACE WITH A STANDARD 10' GATE (6" CHAIN LINK).
- 13 REMOVE AND DISPOSE OF THE TREES DESIGNATED ON THE PLANS. THE COST OF THIS WORK SHALL BE INCLUDED IN CLEARING AND GRUBBING.
- 14 FOR TYPICAL TRENCH SECTION FOR SEWER LINE T2, SEE TYPICAL SECTION SHEET 4.



AS CONSRTECTED

SEWER LINE T2



REVISION Δ _____ REVISION Δ _____ REVISION Δ _____ REVISION Δ _____	DRAWN BY: CFO DATE: 2/21/95 CHECKED BY: WL DATE: 2/21/95 APPROVED BY: TDR DATE: 2/21/95 FIELD BOOK NO. _____ PAGE _____	SCALE PLAN: 1"=20' PROFILE: 1"=5' HORIZ: 1"=20' VERT: 1"=5'	DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO	U.S. Highway 6 & 50 Sewer Improvement District Sewer Line T2 Plan & Profile	SHEET NO. 15 OF 18 FILE NO. _____ RAIL.DWG/PS15
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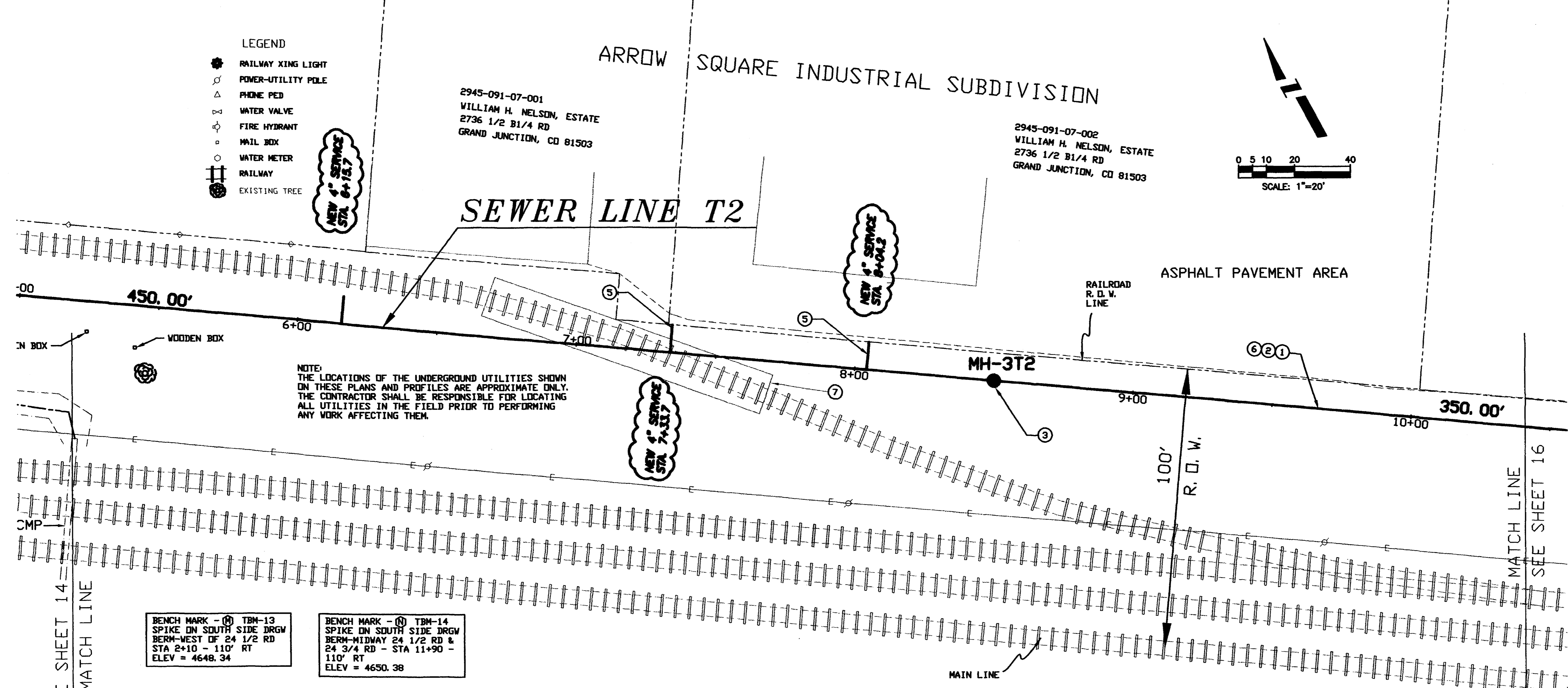
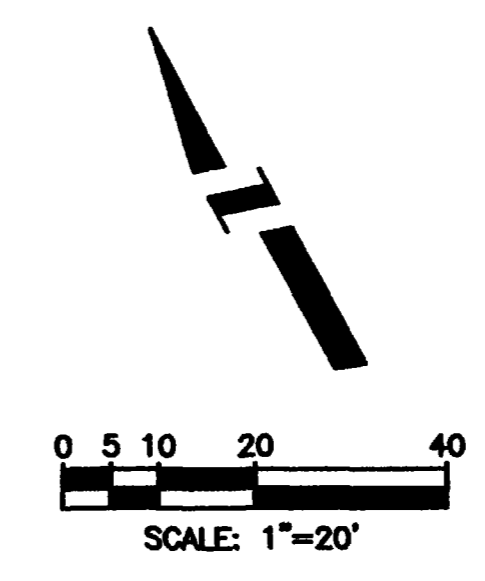
CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION. SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION.
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- 6 FOR TYPICAL TRENCH SECTION FOR SEWER LINE T2, SEE TYPICAL SECTION SHEET 4.
- 7 REMOVE THE TRACKS AND TIES WITHIN THE LIMITS SHOWN AND STOCKPILE ON SITE AS DESIGNATED BY THE PROJECT ENGINEER. TRACKS AND TIES TO BE REPLACED BY OTHERS.

- LEGEND
- RAILWAY XING LIGHT
 - POWER-UTILITY POLE
 - PHONE PED
 - WATER VALVE
 - FIRE HYDRANT
 - MAIL BOX
 - WATER METER
 - RAILWAY
 - EXISTING TREE

2945-091-07-001
WILLIAM H. NELSON, ESTATE
2736 1/2 B1/4 RD
GRAND JUNCTION, CO 81503

2945-091-07-002
WILLIAM H. NELSON, ESTATE
2736 1/2 B1/4 RD
GRAND JUNCTION, CO 81503



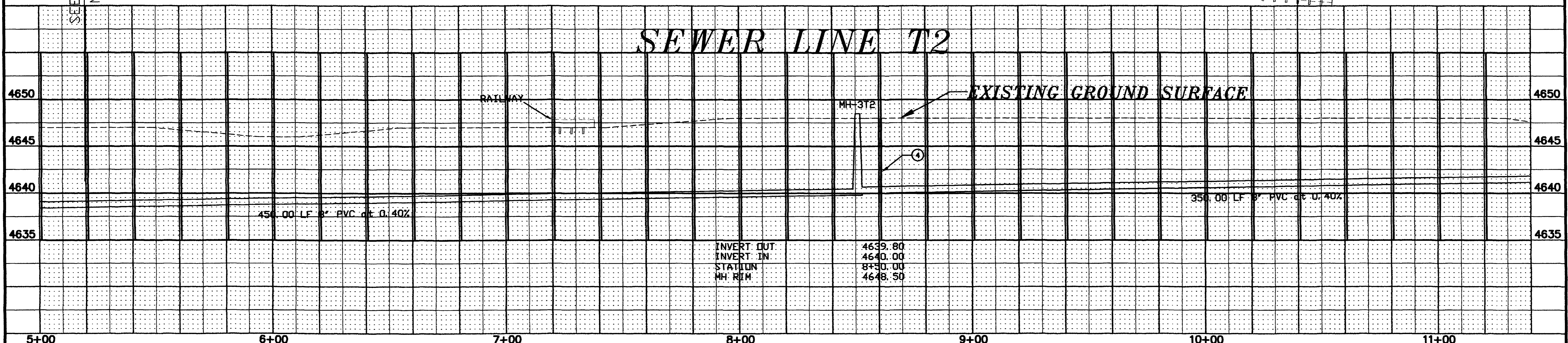
NOTE:
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BENCH MARK - (M) TBM-13
SPIKE ON SOUTH SIDE DRGW
BERM-WEST OF 24 1/2 RD
STA 2+10 - 110' RT
ELEV = 4648.34

BENCH MARK - (N) TBM-14
SPIKE ON SOUTH SIDE DRGW
BERM-MIDWAY 24 1/2 RD &
24 3/4 RD - STA 11+90 -
110' RT
ELEV = 4650.38

SEWER TAP LOCATIONS SHOWN WERE OBTAINED FROM CAMERA LOGS.

AS CONSTRUCTED



INVERT OUT	4639.80
INVERT IN	4640.00
STATION	8+50.00
MH. REM	4648.50

REVISION	DESCRIPTION	DATE

DRAWN BY	CFO	DATE	2/21/95
CHECKED BY	WL	DATE	2/21/95
APPROVED BY	TDR	DATE	2/21/95
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

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line T2 Plan & Profile

SHEET NO.	16
OF	18
FILE NO.	

CONSTRUCTION NOTES

- 1 CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION, SEE TYPICAL SECTIONS FOR LIMITS OF CONSTRUCTION SHEET 4.
- 2 FURNISH AND INSTALL 8" DIA. PVC SEWER LINE (ASTM 3034 SDR 35), INCLUDING EXCAVATION, FURNISH AND PLACE BEDDING AND HAUNCHING MATERIAL (TYPE A), BACKFILL AND COMPACTION.
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FOR TYPICAL TRENCH SECTION FOR SEWER LINE T2, SEE TYPICAL SECTION SHEET 4.

SEWER TAP LOCATIONS SHOWN WERE OBTAINED FROM CAMERA LOGS.

AS CONSRTRUCTED

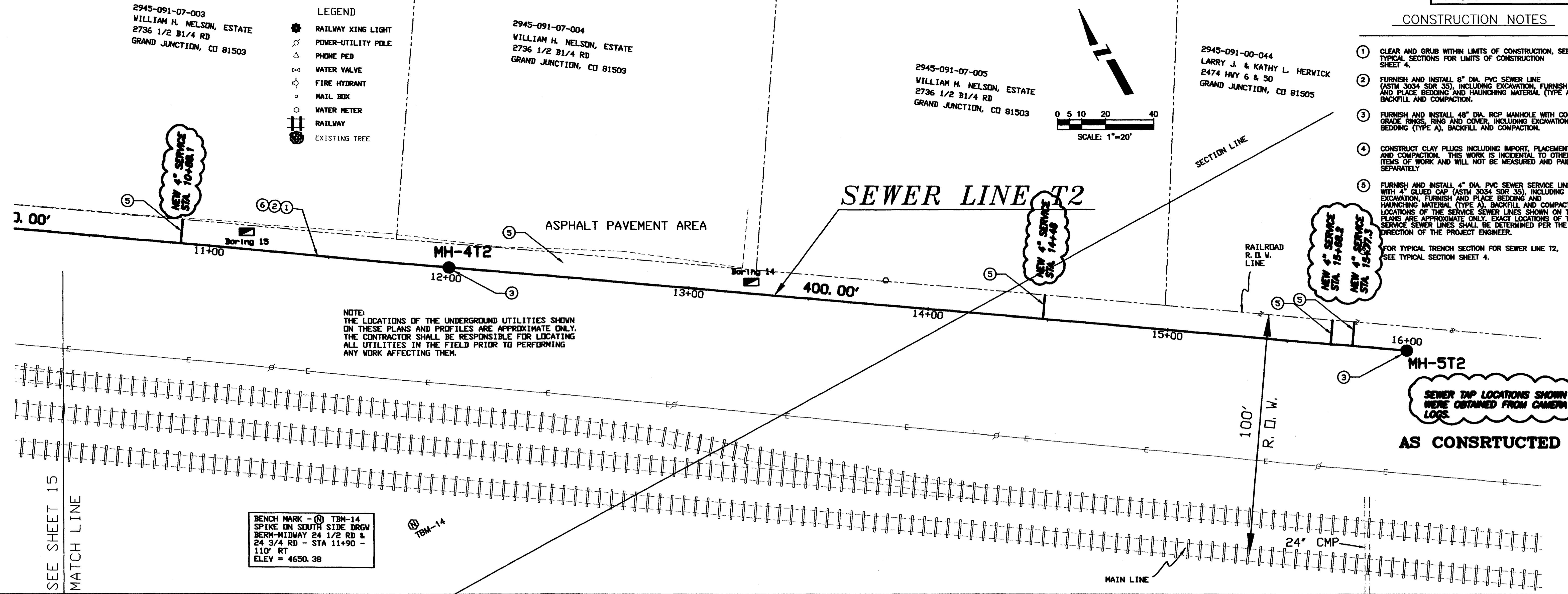
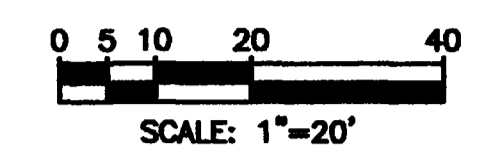
2945-091-07-003
WILLIAM H. NELSON, ESTATE
2736 1/2 B1/4 RD
GRAND JUNCTION, CO 81503

2945-091-07-004
WILLIAM H. NELSON, ESTATE
2736 1/2 B1/4 RD
GRAND JUNCTION, CO 81503

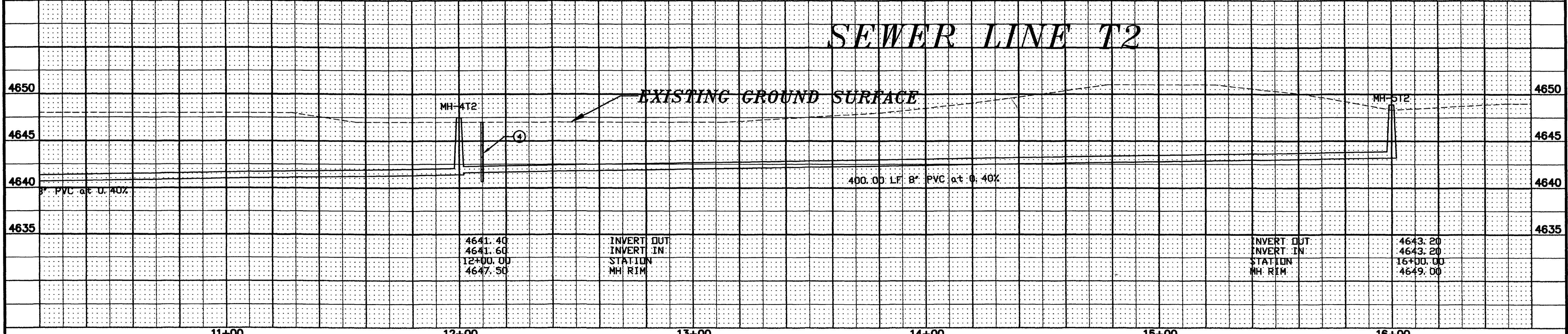
2945-091-07-005
WILLIAM H. NELSON, ESTATE
2736 1/2 B1/4 RD
GRAND JUNCTION, CO 81503

2945-091-00-044
LARRY J. & KATHY L. HERVICK
2474 HWY 6 & 50
GRAND JUNCTION, CO 81505

- LEGEND
- RAILWAY XING LIGHT
 - POWER-UTILITY POLE
 - PHONE PED
 - WATER VALVE
 - FIRE HYDRANT
 - MAIL BOX
 - WATER METER
 - RAILWAY
 - EXISTING TREE



SEWER LINE T2



REVISION	DESCRIPTION	DATE

11+00 12+00 13+00 14+00 15+00 16+00

DRAWN BY CFO DATE 2/21/95
CHECKED BY WL DATE 2/21/95
APPROVED BY TDR DATE 2/21/95
FIELD BOOK NO. PAGE

SCALE

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

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

U.S. Highway 6 & 50
Sewer Improvement District
Sewer Line T2 Plan & Profile

SHEET NO. 17
OF 18
FILE NO. RAILDWG/PS17

Site Data

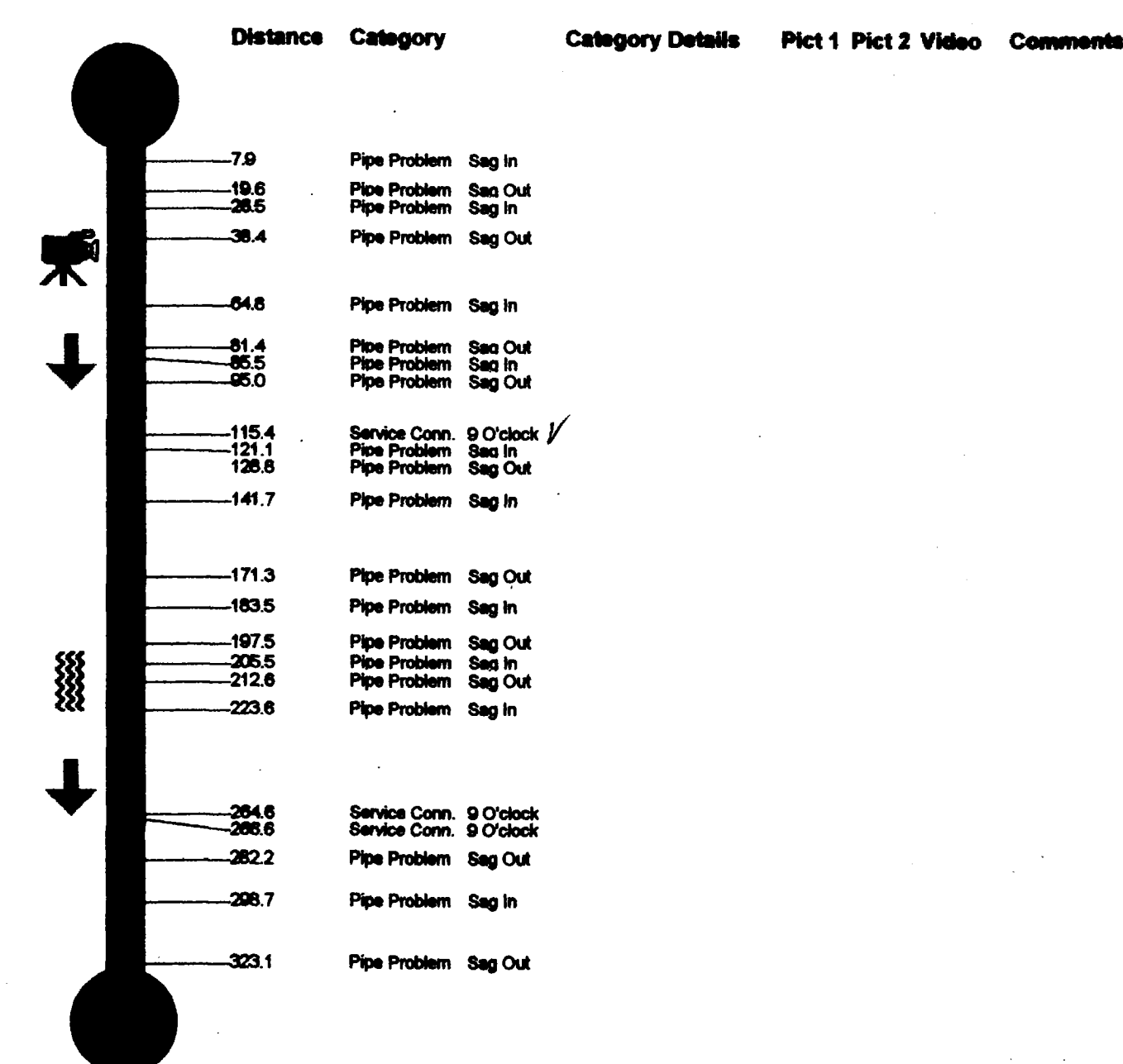
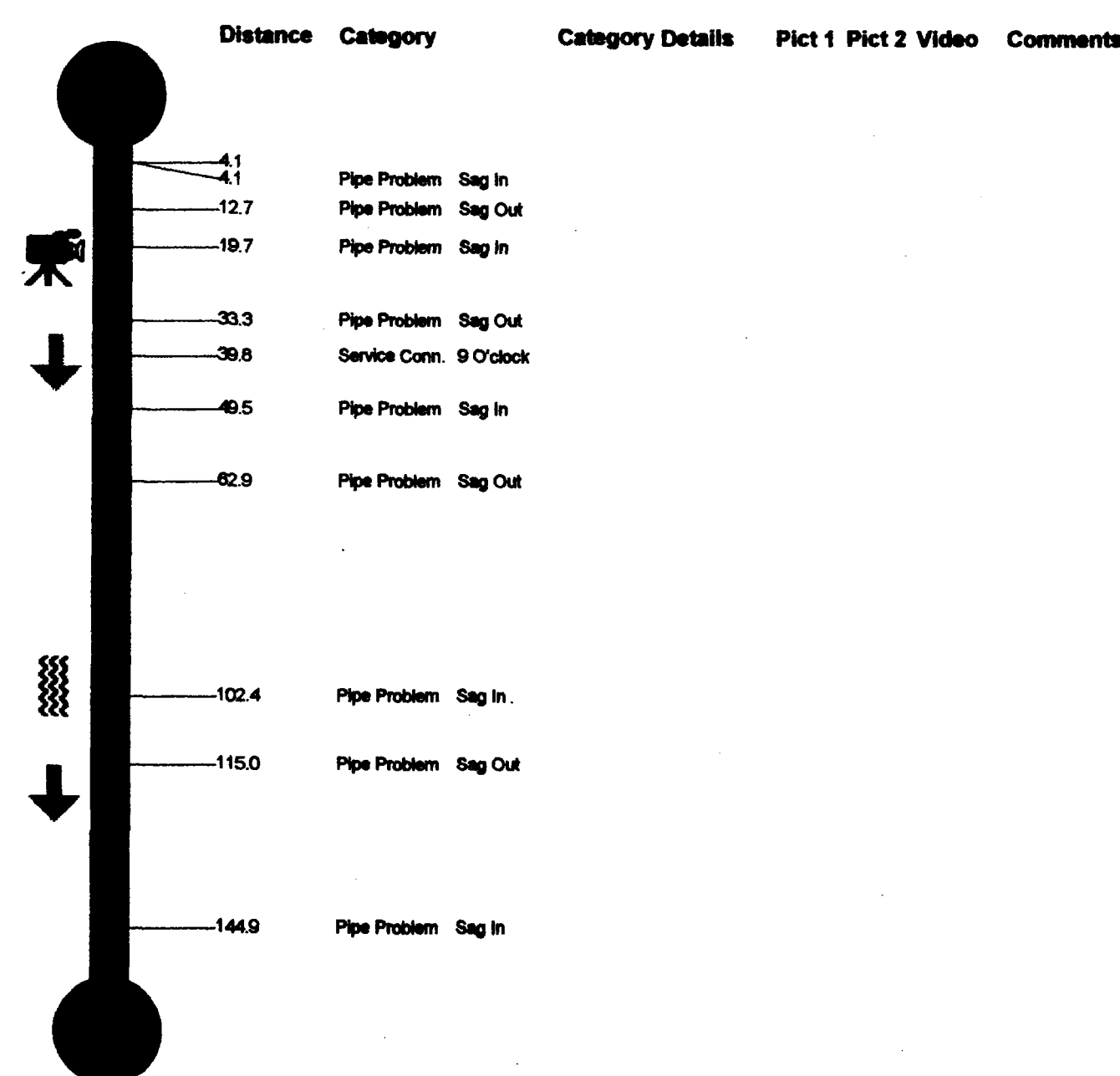
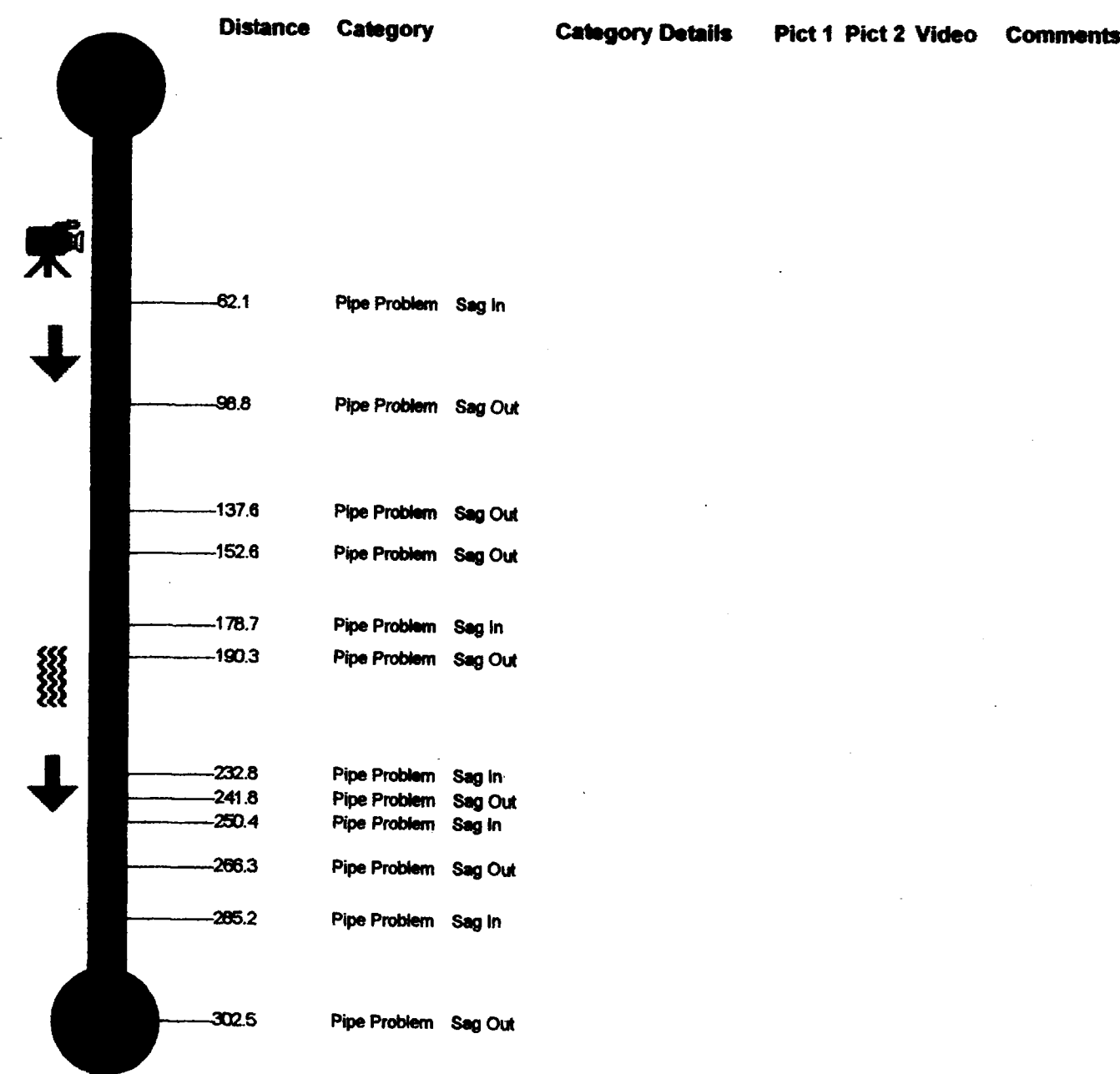
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TI Sewer Line	5	Grand Jct.	Independent Av.3.0	Nov. 18 1998	01:30:53 PM	68	
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
1T1	T1	3 (ft) 8 (in)	8	PVC	Away-DS	Dirt	+8383.8

Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelID
TI Sewer Line	4	Grand Jct.	Independent Av.4.0	Nov. 18 1998	09:31:23 AM		
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
2T1	1T1	5 (ft) 8 (in)	8	PVC	Away-DS	Dirt	+8154.6

Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelID
TI Sewer Line	3	Grand Jct.	Independent Av.4.0	Nov. 16 1998	09:34:48 AM	68	
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
3T1	2T1	5 (ft) 6 (in)	8	PVC	Away-DS	Dirt	+8325.6

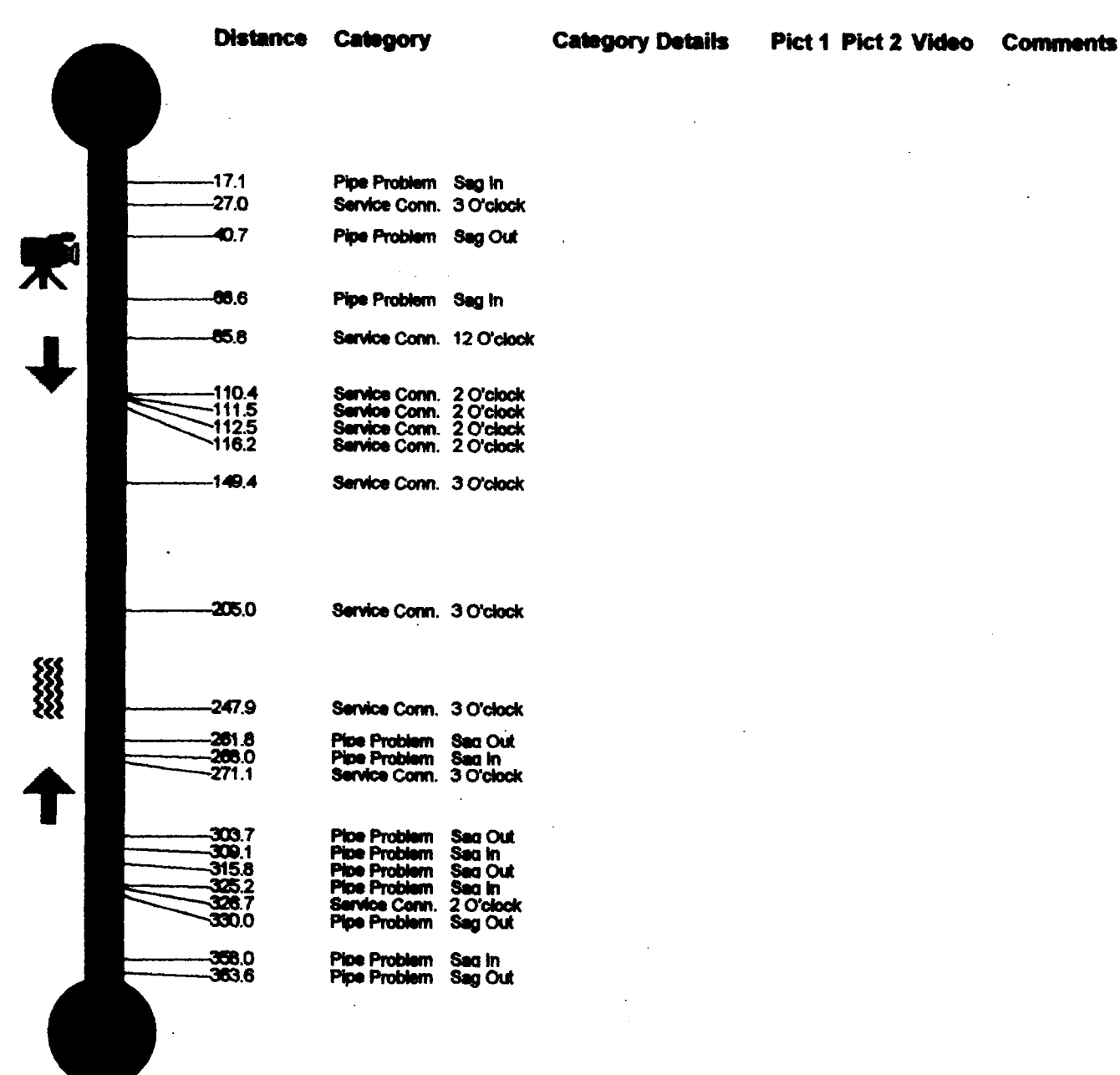
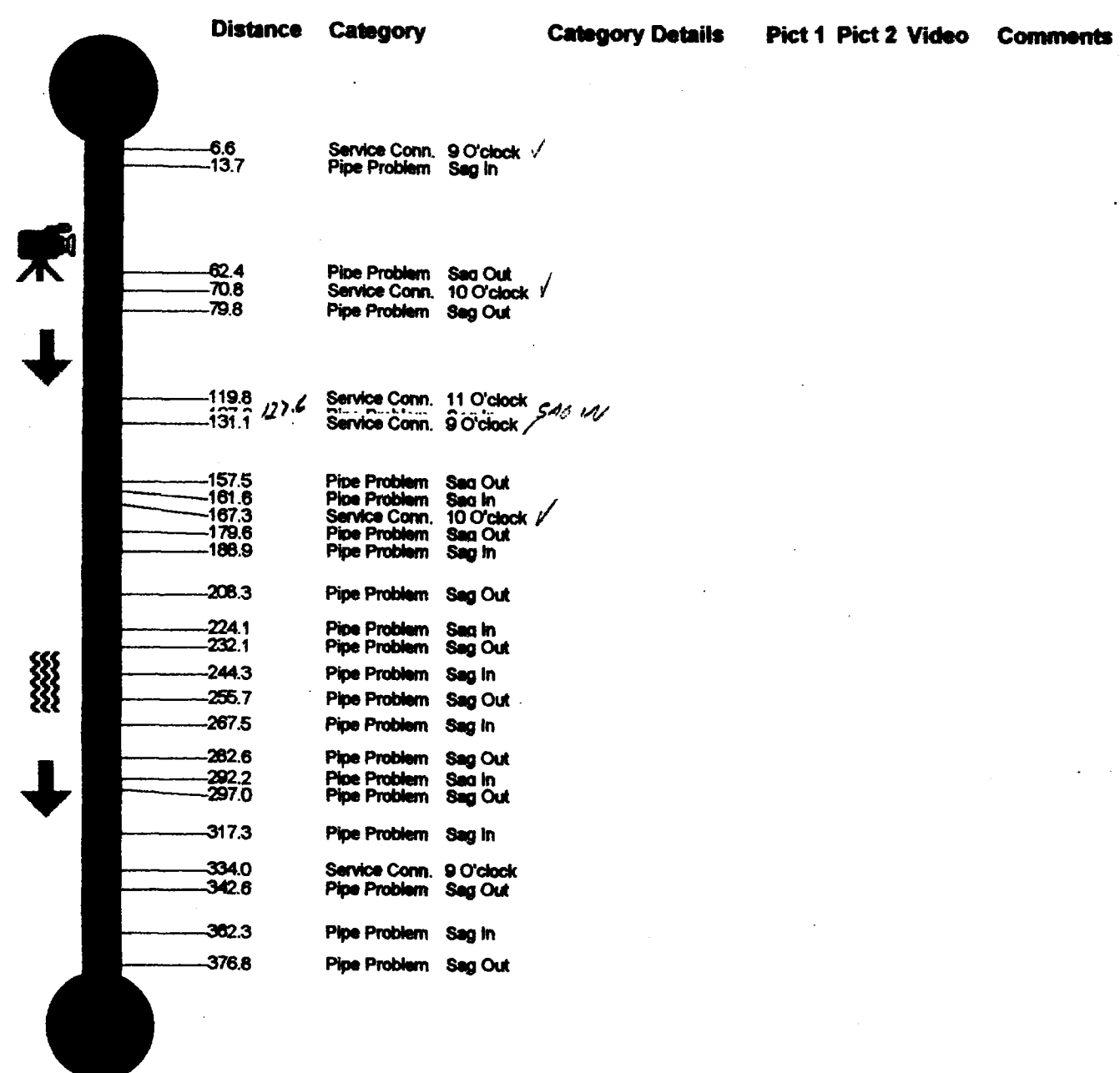


Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelID
TI Sewer Line	2	Grand Jct.	Independent Ave.4.0	Nov. 13 1998	11:41:52 AM	68	
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4T1	3T1	8 (ft) 0 (in)	8	PVC	Away-DS	Dirt	+8388.0

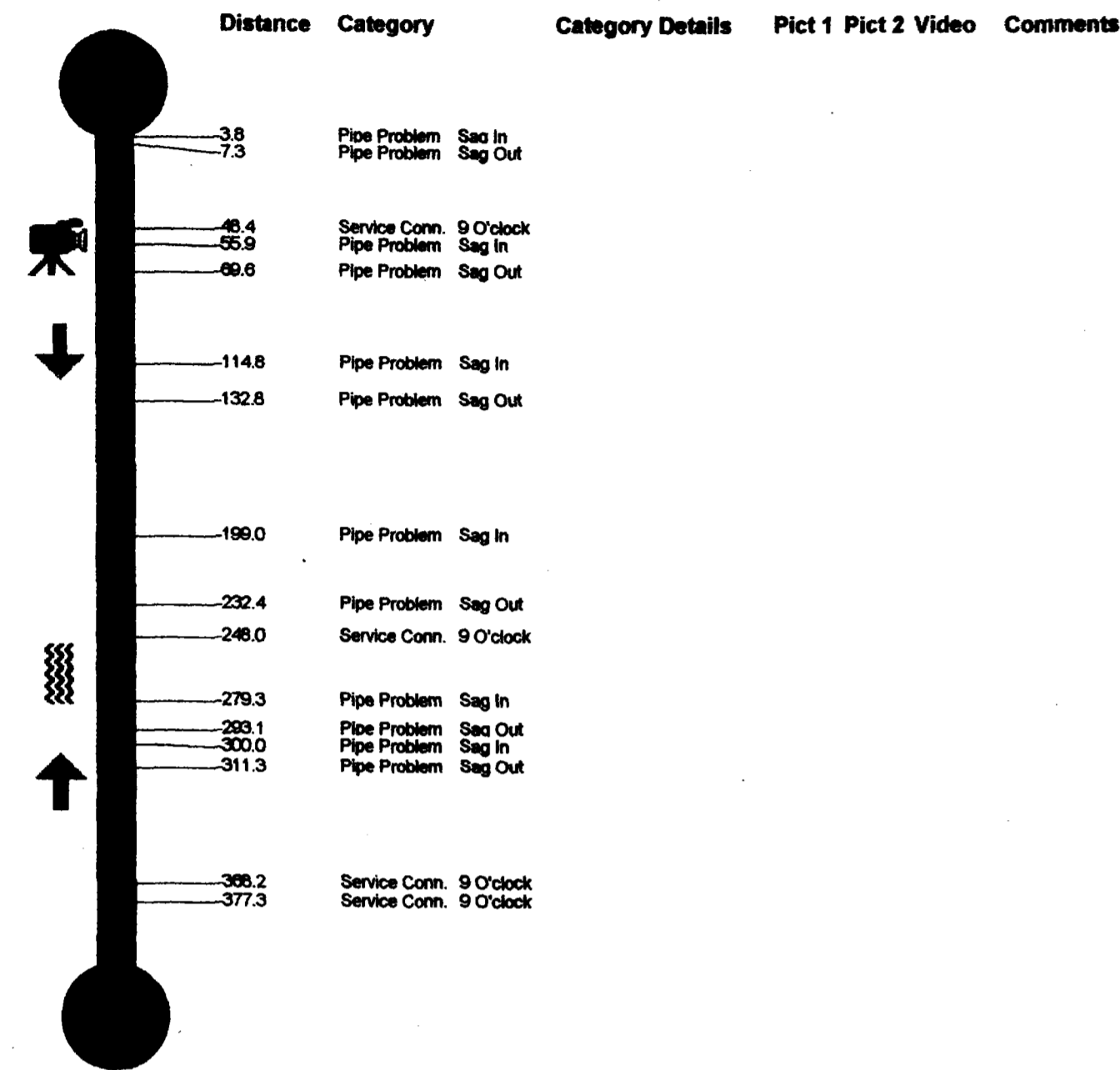
Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelID
TI Sewer Line	1	Grand Jct.	Independent 3.0	Nov. 09 1998	01:38:27 PM	68	
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4T1	5T1	8 (ft) 0 (in)	8	PVC	Away-US	Dirt	+8366.1



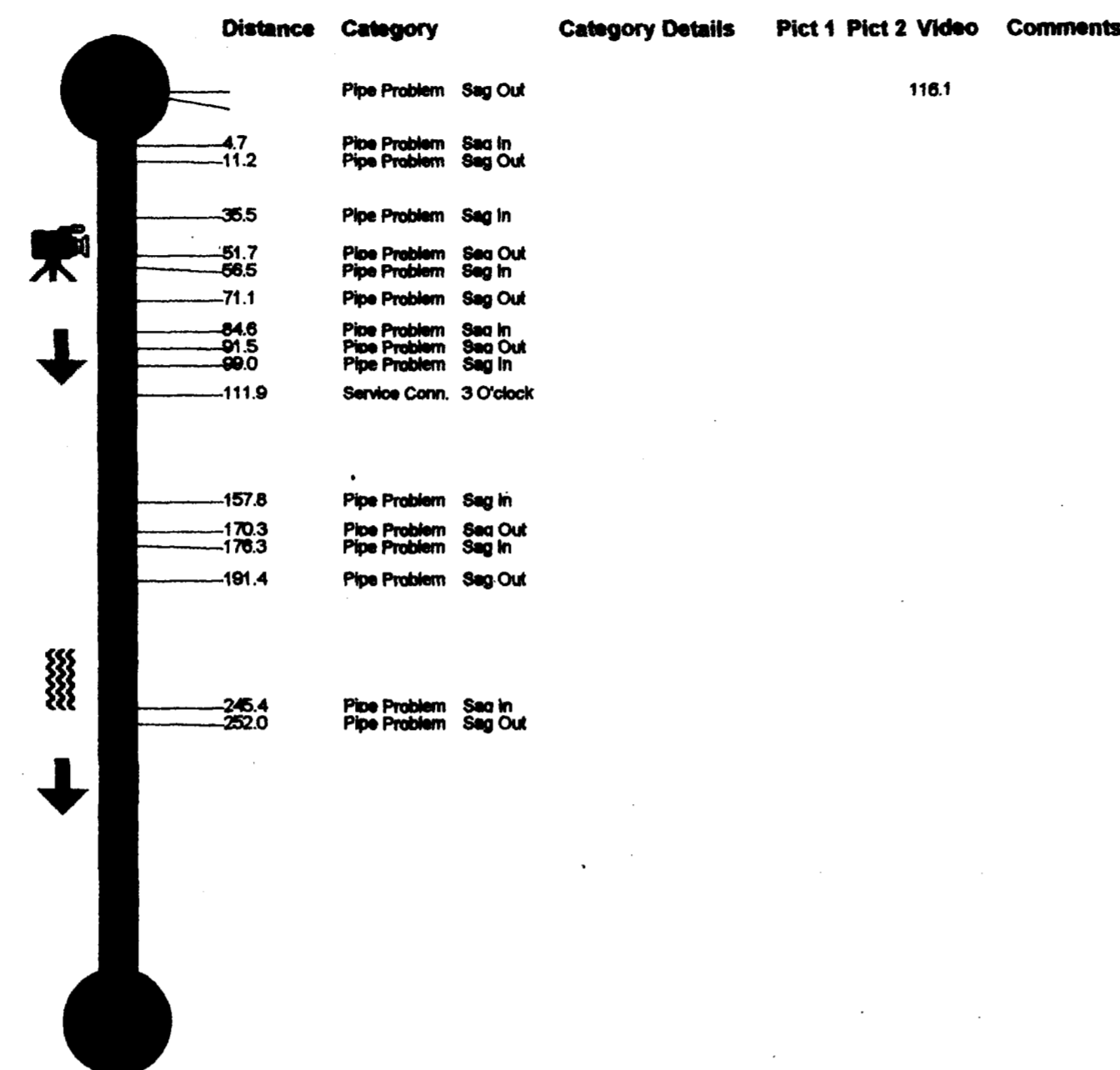
Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
T2 Sewer line	1	Grand Jct.	Aleog R.R.	3.0	Oct. 30 1998	10:28:58 AM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4T2	5T2	5 (ft) 6 (in)	8	PVC	Away-US	Dirt	+0487.8



Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
T2 Sewer line	2	Grand Jct.	R.R.	3.0	Oct. 30 1998	11:03:38 AM	
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4T2	3T2	5 (ft) 6 (in)	8	PVC	Away-DS	Dirt	+0357.1

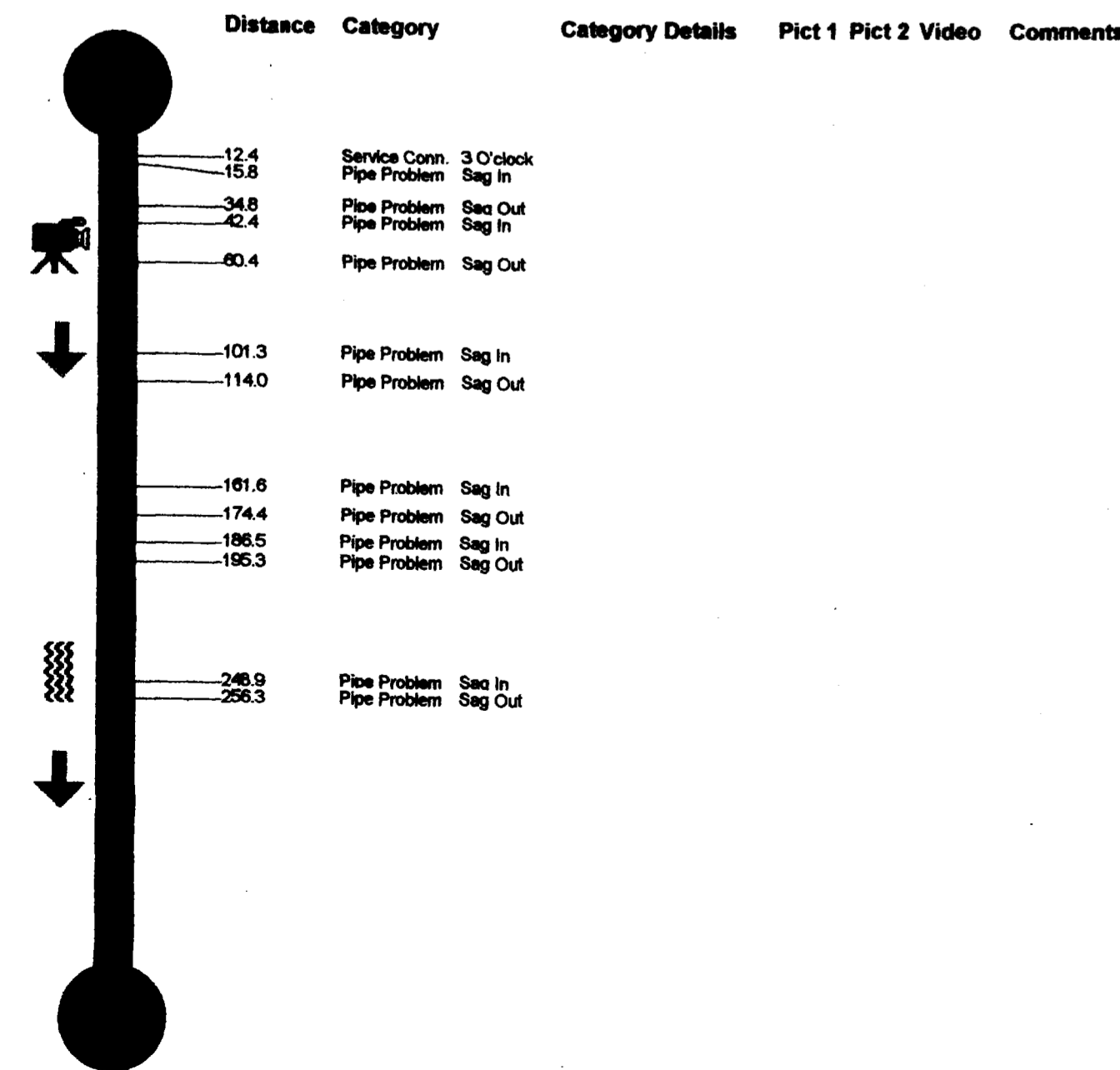


City of Grand Junction
Persigo WWTP
2145 River Rd.
Grand Junction CO. 81505
(970) 244-1487

City of Grand Junction
Persigo WWTP
2145 River Rd.
Grand Junction CO. 81505
(970) 244-1487

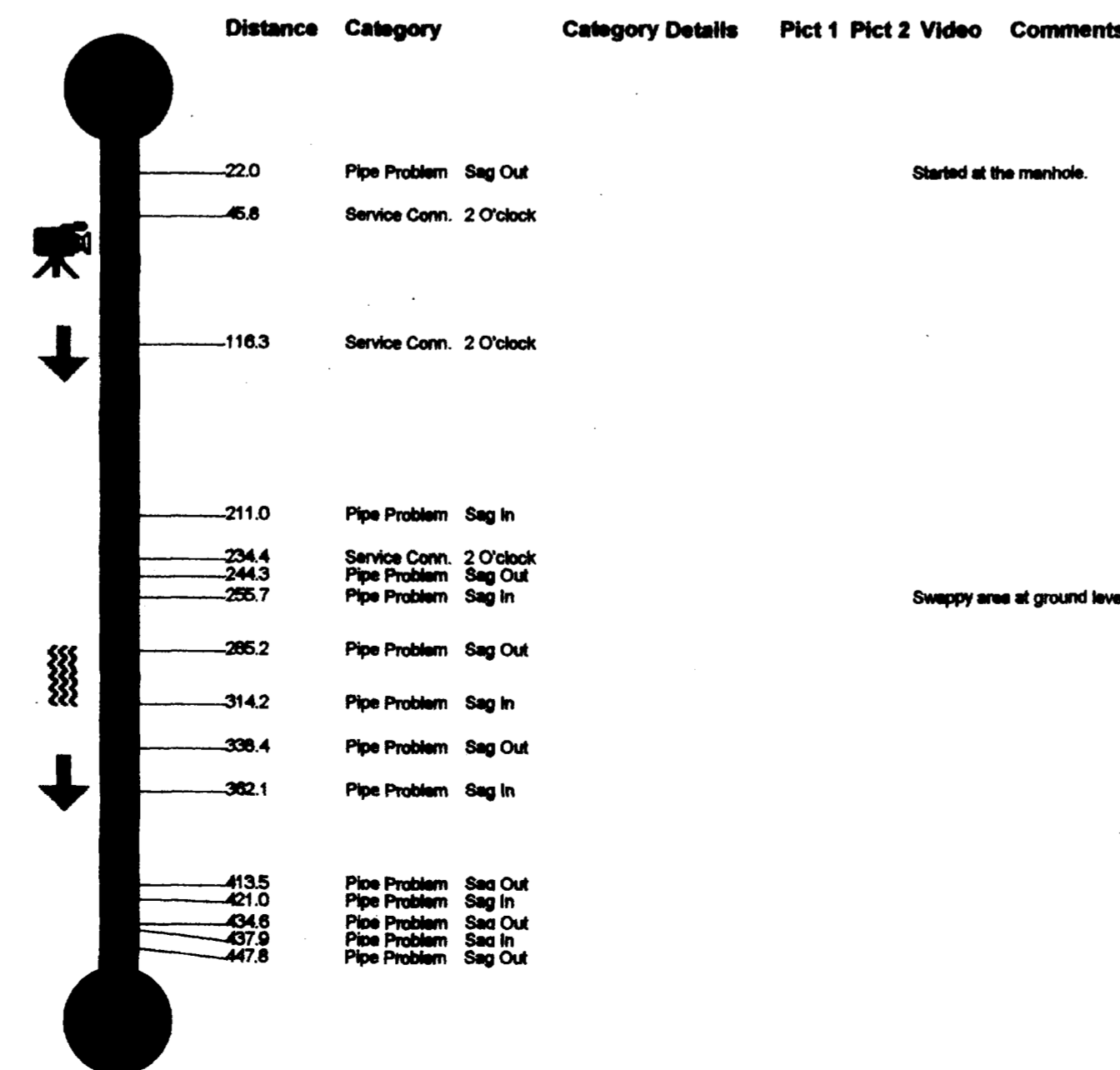
Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
T2 Sewer line	4	Grand Jct.	R.R.	3.0	Nov. 04 1998	03:17:33 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
2T2	1T2	9 (ft) 10 (in)	8	PVC	Away-DS	Dirt	+0375.1



Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
T2 Sewer line	3	Grand Jct.	R.R.	3.0	Nov. 03 1998	01:57:12 PM	
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
3T2	2T2	8 (ft) 6 (in)	8	PVC	Away-DS	Dirt	+0458.0



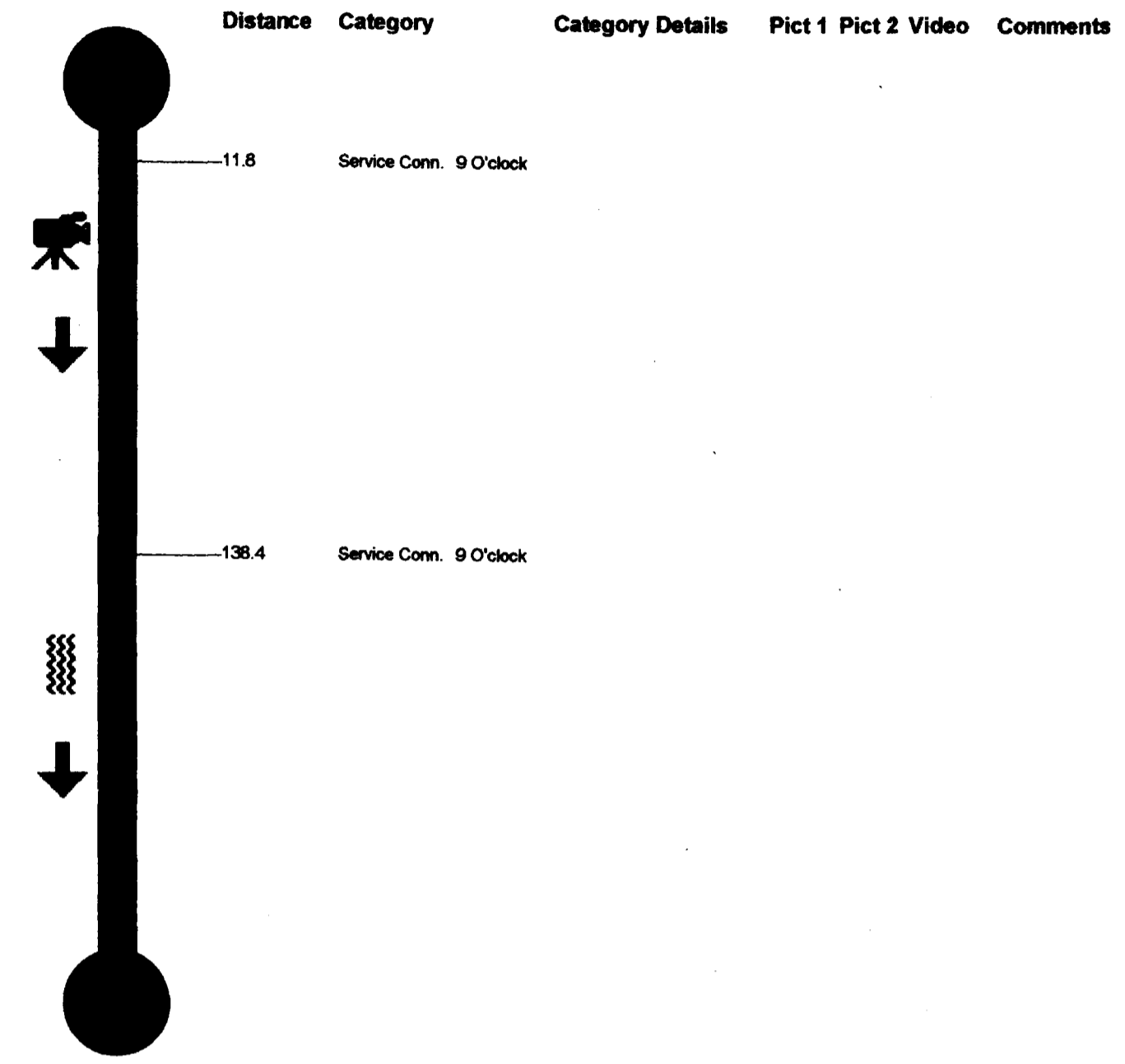
City of Grand Junction
Persigo WWTP
2145 River Rd.
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(970) 244-1487

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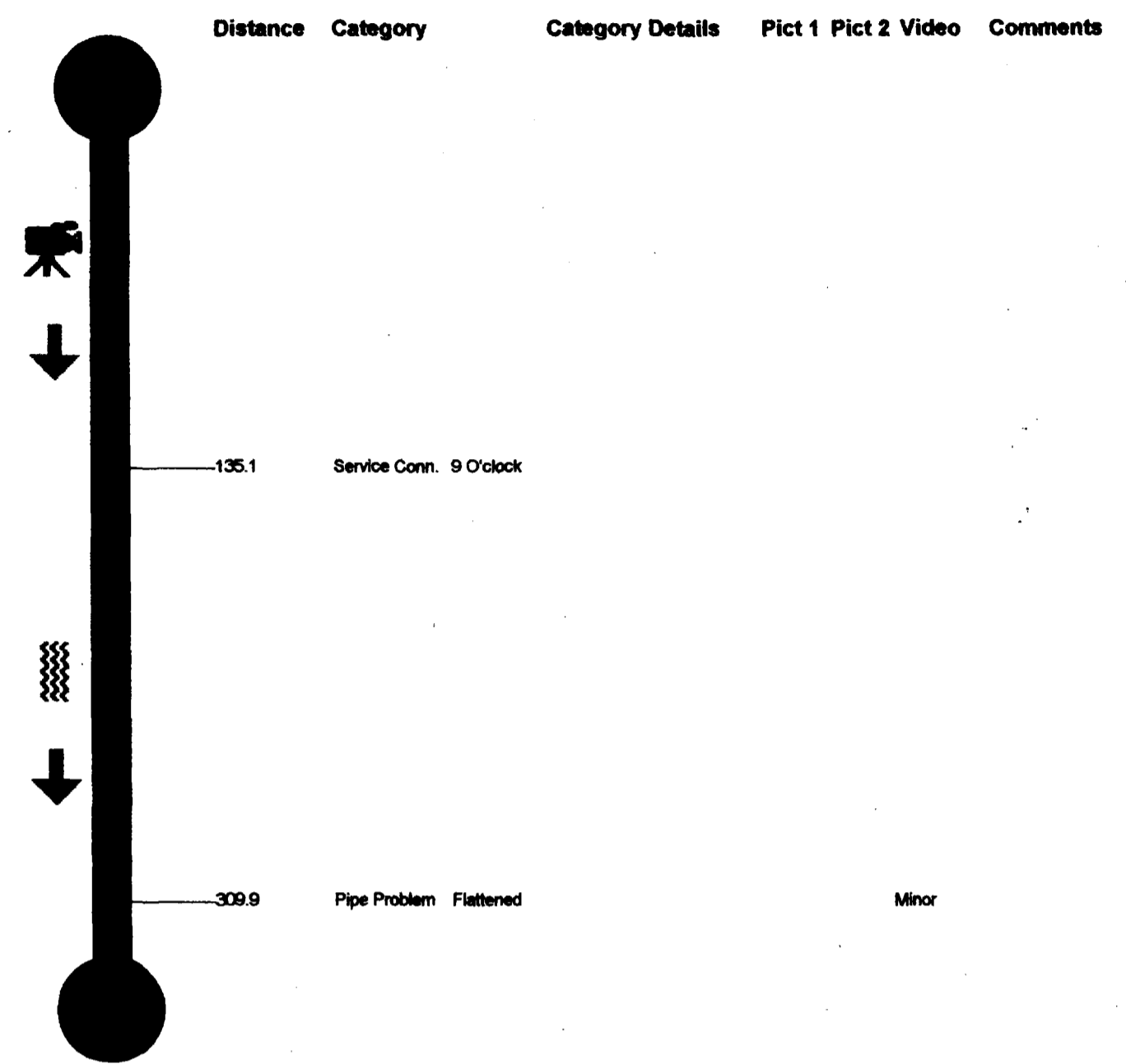
Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapeID
F1 Sewer Line	5	Grand Jct.	6@50 Frontage 3.0		Jan. 22 1999	01:29:55 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
2F1	1F1	5 (ft) 8 (in)	8	PVC	Away-DS	Dirt	+0266.1



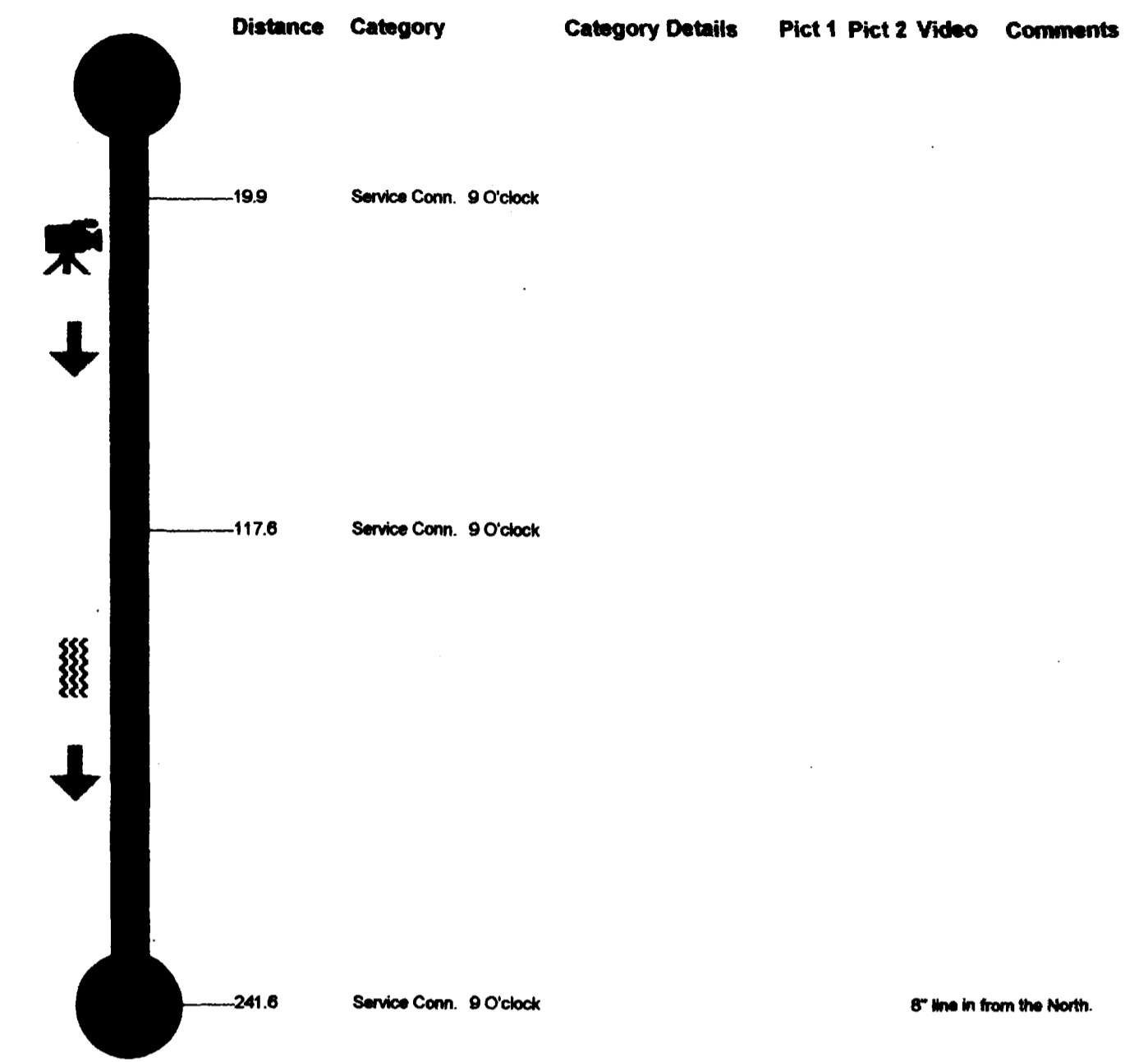
Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapeID
F1 Sewer Line	4	Grand Jct.	6@50 Frontage 3.0		Jan. 22 1999	10:06:38 AM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
3F1	2F1	9 (ft) 6 (in)	8	PVC	Away-DS	Paved Asphalt	+0332.5



Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapeID
F1 Sewer Line	3	Grand Jct.	6@50 Frontage 3.0		Jan. 21 1999	01:32:11 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4F1	3F1	4 (ft) 8 (in)	8	PVC	Away-DS	Dirt	+0242.0

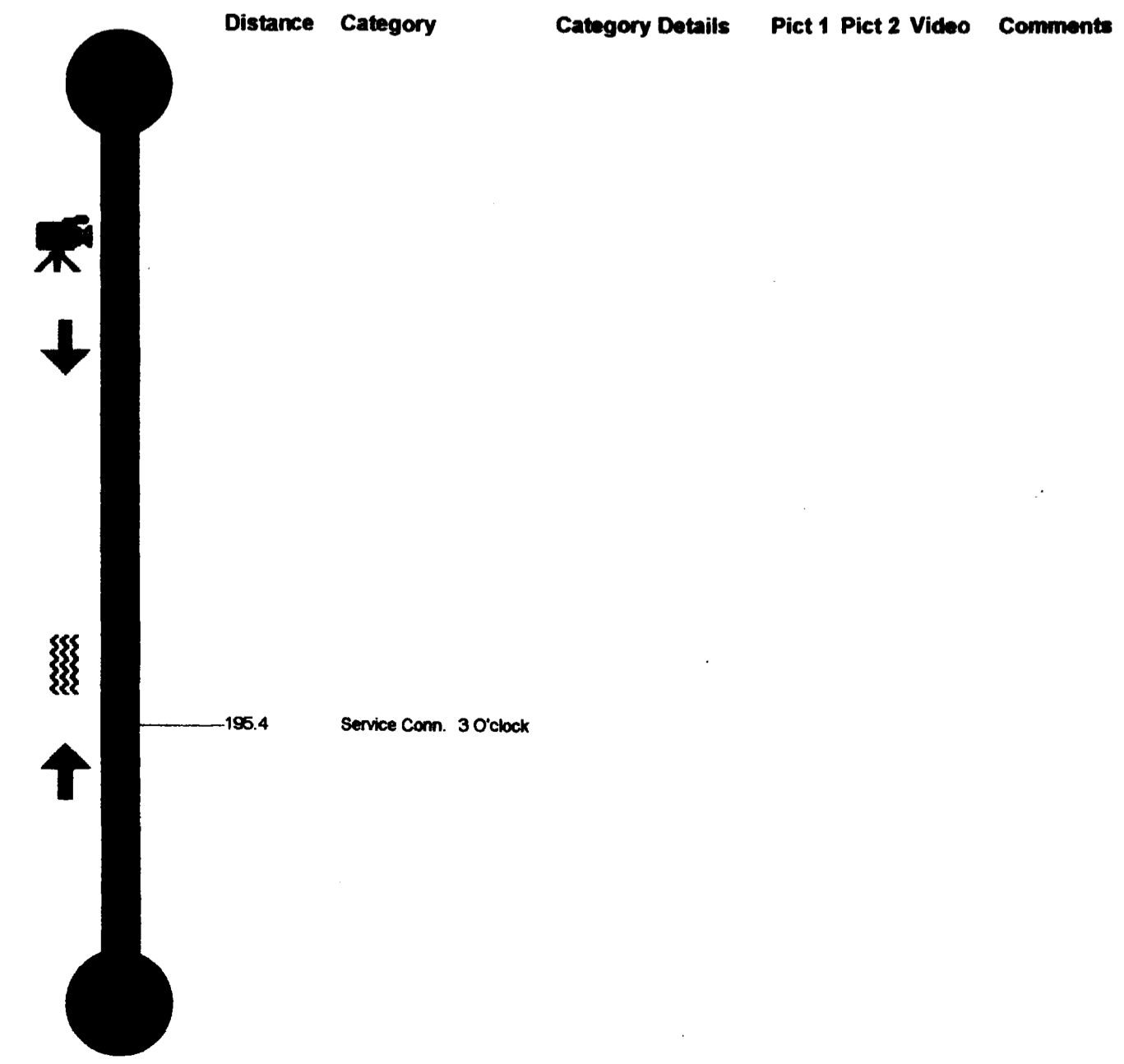


City of Grand Junction
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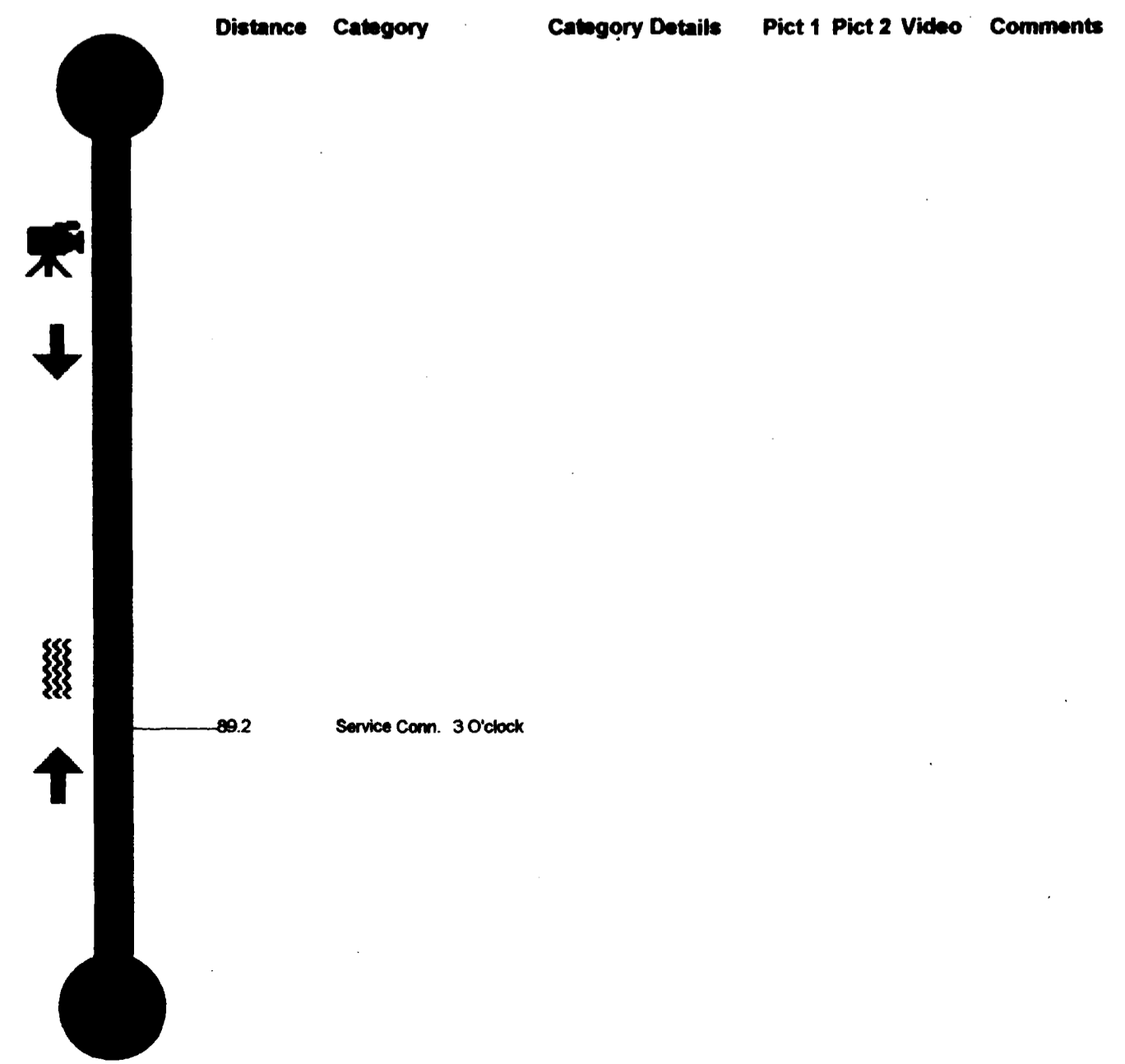
Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapeID
F1 Sewer Line	2	Grand Jct.	6@50 Frontage 3.0		Jan. 21 1999	10:35:02 AM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4F1	5F1	4 (ft) 8 (in)	8	PVC	Away-US	Dirt	+0269.5



Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapeID
F1 Sewer Line	1	Grand Jct.	6@50 Frontage 3.0		Jan. 19 1999	02:39:47 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
M.H.5F1	M.H.6F1	(ft) (in)	8	PVC	Away-US	Dirt	+0123.6



PUBLIC WORKS AND UTILITIES
FINANCIAL SERVICES DIVISIONS
GRAND JUNCTION, COLORADO

TV LOG SHEET
HWY 6&50 SEWER DISTRICT 1995
Plan & Profile

Site Data

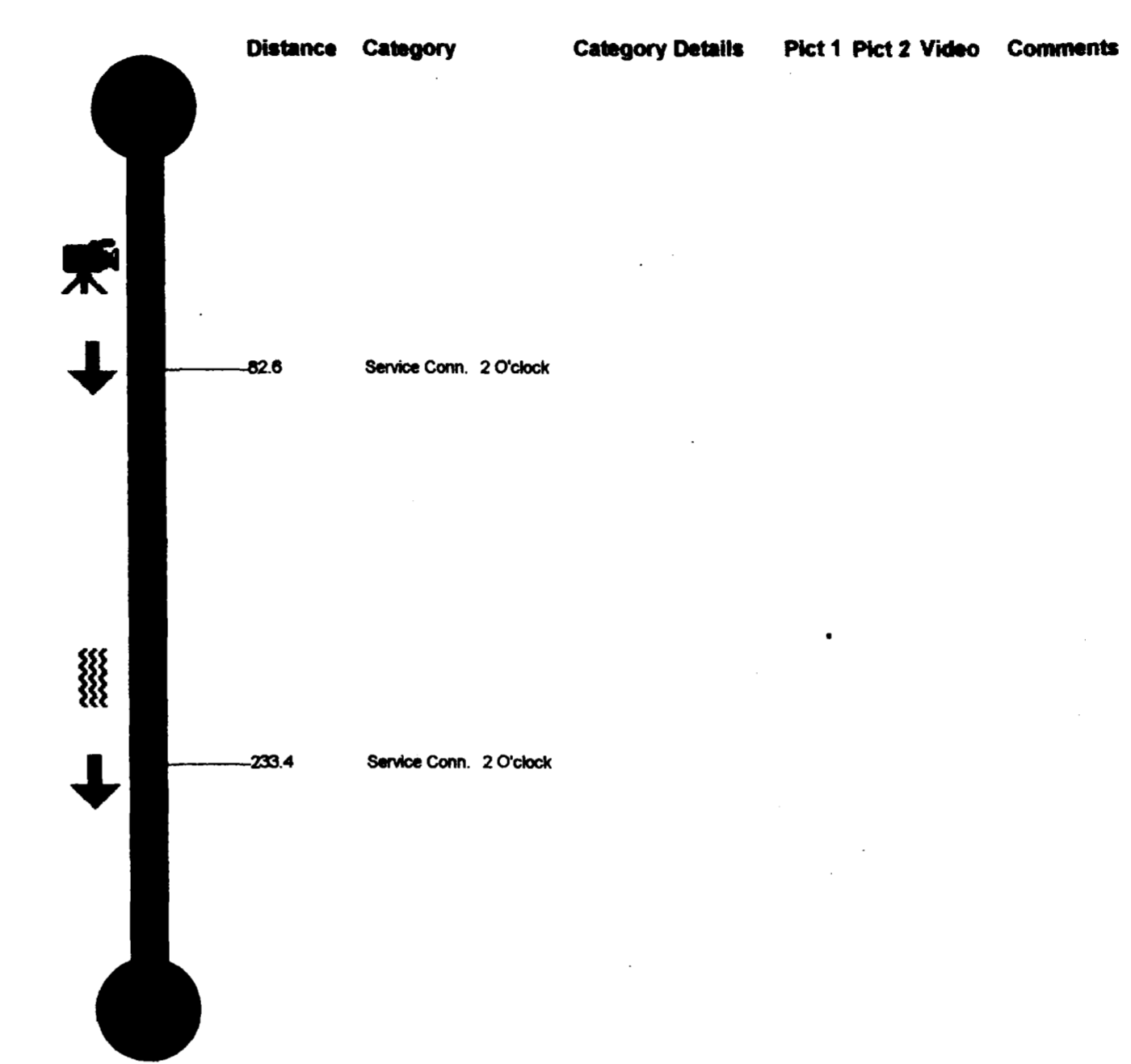
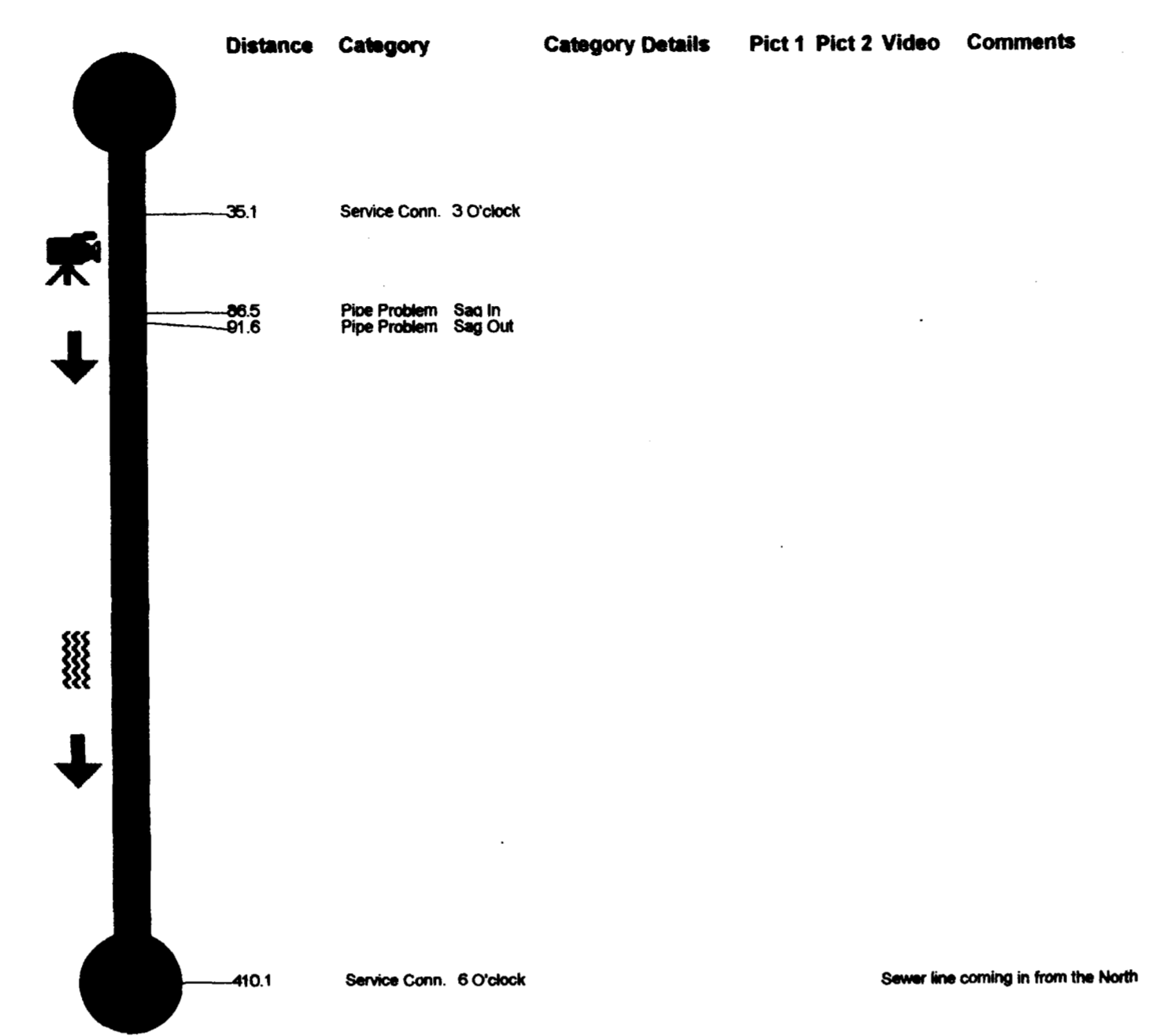
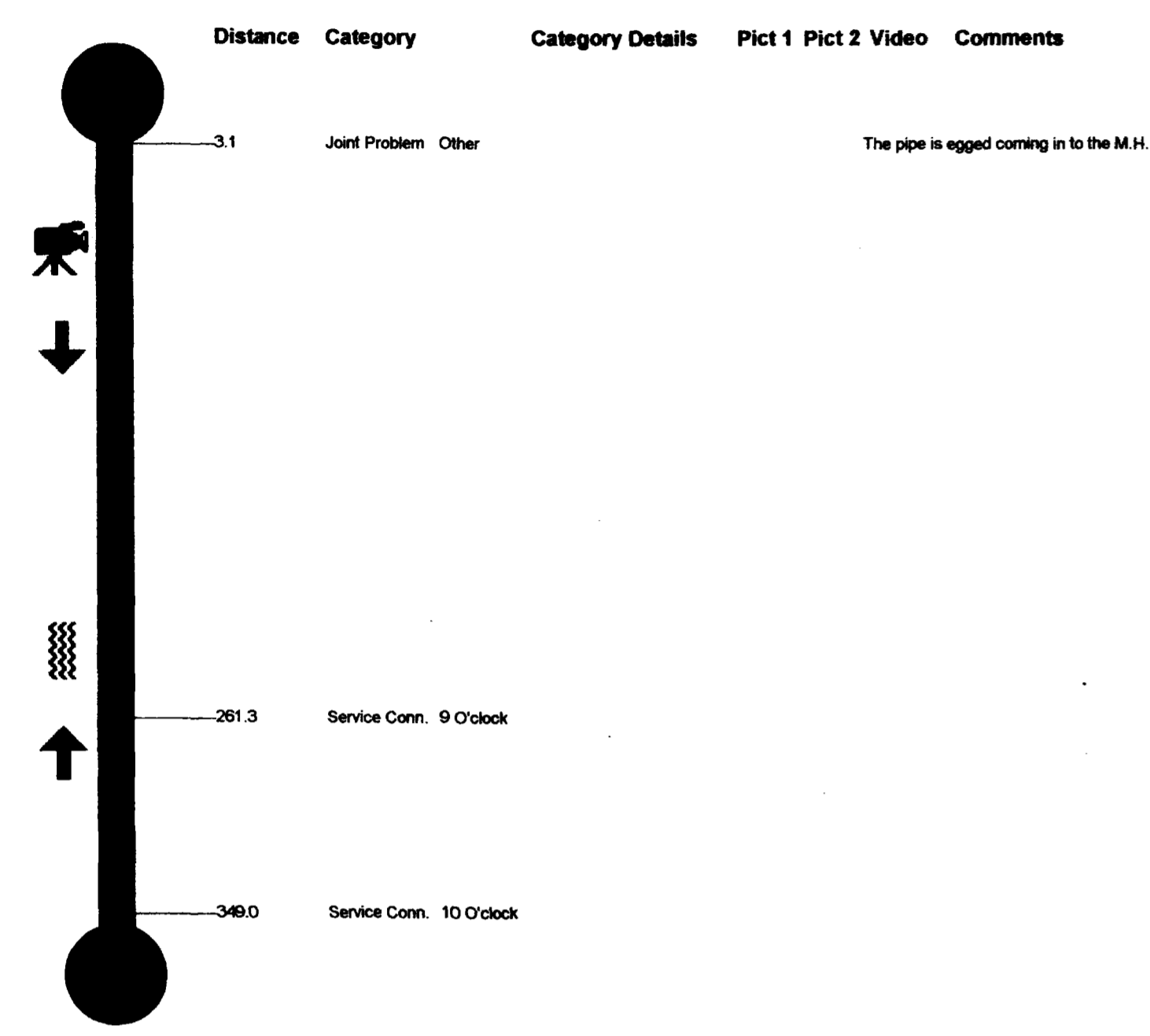
Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
F2 Sewer Line	1	Grand Jct.	6@50 Frontage 3.0		Jan. 26 1999	10:02:13 AM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
6F2	7F2	7 (ft)	8 (in)	PVC	Away-DS	Dirt	+0354.5

Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
F2 Sewer Line	2	Grand Jct.	6@50 Frontage 3.0		Jan. 26 1999	01:29:05 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
6F2	5F2	7 (ft) 0 (in)	8 (in)	PVC	Away-DS	Dirt	+0410.2

Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
F2 Sewer Line	3	Grand Jct.	6@50 Frontage 3.0		Jan. 27 1999	01:06:20 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
5F2	4F2	6 (ft) 3 (in)	8 (in)	PVC	Away-DS	Dirt	+0307.0



Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
F2 Sewer Line	4	Grand Jct.	6@50 Frontage 3.0		Jan. 27 1999	02:54:16 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
4F2	2F2	6 (ft) 3 (in)	8 (in)	PVC	Away-DS	Grass	+0435.0

Site Data

Project Name	Site ID	City	Street	Starting Ftg.	Date	Time	TapelD
F2 Sewer Line	5	Grand Jct.	6@50 Frontage 3.0		Jan. 28 1999	01:37:46 PM	68
M.H. Start	M.H. Stop	M.H. Depth	Pipe Size(in)	Type of Pipe	Direction	Surface Condition	Final Footage
2F2	1F2	5 (ft) 8 (in)	8 (in)	PVC	Away-DS	Dirt	+0258.0

