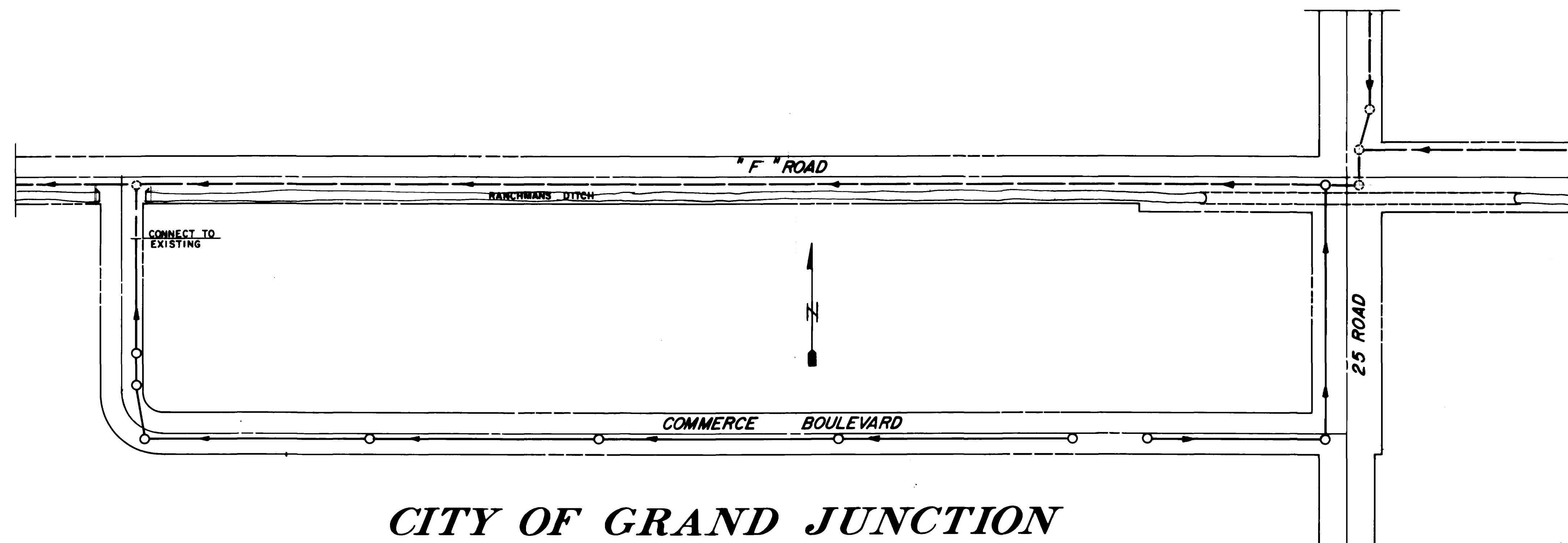


# *SANITARY SEWER EXTENSION*

## *COMMERCE BOULEVARD*

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*CITY OF GRAND JUNCTION*

*DEPARTMENT OF PUBLIC WORKS AND UTILITIES*

*ENGINEERING DIVISION*

**BID TABULATION SHEET**

**SANITARY SEWER EXTENSION  
(COMMERCE BOULEVARD)**

March 22, 1984

**PARKERSON  
CONSTRUCTION, INC.**

**JOHN H. YOUNG  
BUILDING CONTRACTOR**

**LYLE STATES  
CONSTRUCTION INC.**

**SUCKON BROTHERS  
ENGINEERING**

**PIONEER CONSTRUCTION  
COMPANY, INC.**

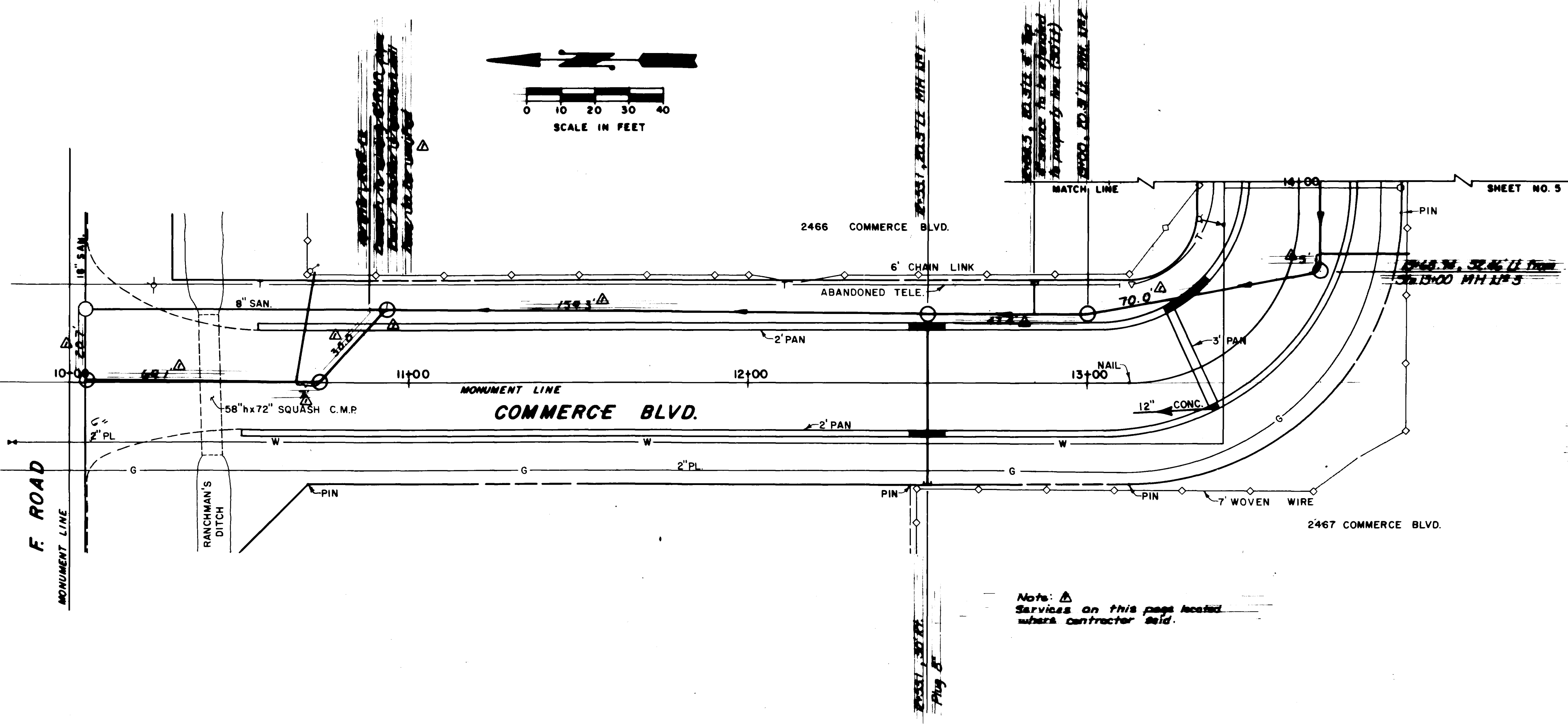
**BURCH CONSTRUCTION  
COMPANY**

**ENGINEERS  
ESTIMATE**

ITEM NO.	REF. NO.	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.		Exploratory Excavation to Verify Locations and Elevations of Existing Underground Installations	Lump Sum	Lump Sum	1500.00	1,500.00	925.00	925.00	800.00	800.00	1000.00	1,000.00	500.00	500.00	1000.00	1,000.00	700.00	700.00
2.		Furnish and Install 8" PVC Pipe (ASTM D 3034 SDR 35)	L.F.	2209	7.25	16,015.25	8.18	18,069.62	10.30	22,752.70	14.90	32,914.10	18.00	39,762.00	17.00	37,553.00	8.00	17,672.00
3.		Furnish and Install 4" Sewer Tap	Each	16	26.00	416.00	165.00	2,640.00	25.00	400.00	66.30	1,060.80	120.00	1,920.00	50.00	800.00	20.00	320.00
4.		Furnish and Install 4" PVC Sewer Service Pipe (ASTM D3034 SDR 35)	L.F.	544	5.00	2,720.00	14.50	7,888.00	6.00	3,264.00	13.00	7,072.00	25.00	13,600.00	17.00	9,248.00	10.00	5,440.00
5.		Furnish and Install Standard Manhole (4' Dia.) with Cast Iron Ring and Cover (<5' Deep invert rim)	Each	3	480.00	1,440.00	975.00	2,925.00	550.00	1,650.00	713.33	2,139.99	790.00	2,370.00	500.00	1,500.00	600.00	1,800.00
6.		Furnish and Install Standard Manhole (4' Dia.) with Cast Iron Ring and Cover (>5' deep invert to rim)	Each	6	560.00	3,360.00	1030.00	6,180.00	800.00	4,800.00	713.33	4,279.98	1055.00	6,330.00	900.00	5,400.00	700.00	4,200.00
7.		Furnish and Install Standard Manhole (4' Dia.) with Cast Iron Ring and Cover on Existing 18" Sewer	Each	1	850.00	850.00	2100.00	2,100.00	1600.00	1,600.00	2400.00	2,400.00	1000.00	1,000.00	2500.00	2,500.00	800.00	800.00
8.		Cut and Remove Pavement (Based on 44" max. pay. width)	S.Y.	833	2.50	2,207.50	2.20	1,942.60	2.00	1,766.00	6.24	5,509.92	1.75	1,545.25	2.00	1,766.00	2.00	1,766.00
9.		Saw Cut and Remove Concrete Valley Pan (2')	L.F.	150	8.00	1,200.00	2.60	390.00	3.00	450.00	4.00	600.00	2.00	300.00	2.00	300.00	8.00	1,200.00
10.		Construct Concrete Valley Pan (2')	L.F.	150	12.00	1,800.00	6.60	990.00	7.00	1,050.00	6.00	900.00	10.00	1,500.00	6.50	975.00	10.00	1,500.00
11.		Granular Stabilization Material (Pit Run)(Haul)	Ton	2864	5.00	14,320.00	4.20	12,028.80	6.00	17,184.00	4.00	11,456.00	5.00	14,320.00	6.75	19,332.00	4.00	11,456.00
12.		Aggregate Base Course (Class 6)(Haul, Water & Compact)	Ton	755	8.00	6,040.00	10.70	8,078.50	8.00	6,040.00	7.50	5,662.50	7.00	5,285.00	6.70	5,058.50	6.00	4,530.00
13.		Asphalt Pavement Replacement (3" Thick) Grading E	S.Y.	833	11.00	9,713.00	10.40	9,183.20	14.00	12,362.00	10.00	8,830.00	12.00	10,596.00	17.00	15,011.00	10.00	8,830.00
14.		Unclassified Excavation (where authorized)	C.Y.	125	3.00	375.00	4.15	518.75	10.00	1,250.00	1.50	187.50	10.00	1,250.00	5.00	625.00	2.00	250.00
15.		Support Telephone Pedestal	Lump Sum	Lump Sum	250.00	250.00	312.00	312.00	200.00	200.00	200.00	200.00	100.00	100.00	1000.00	1,000.00	300.00	300.00
16.		Construction Staking	Lump Sum	Lump Sum	400.00	400.00	624.00	624.00	1600.00	1,600.00	2500.00	2,500.00	800.00	800.00	750.00	750.00	700.00	700.00
TOTAL BID						62,606.75		74,795.47		77,168.70		86,712.79		101,178.25		102,818.50		61,464.00

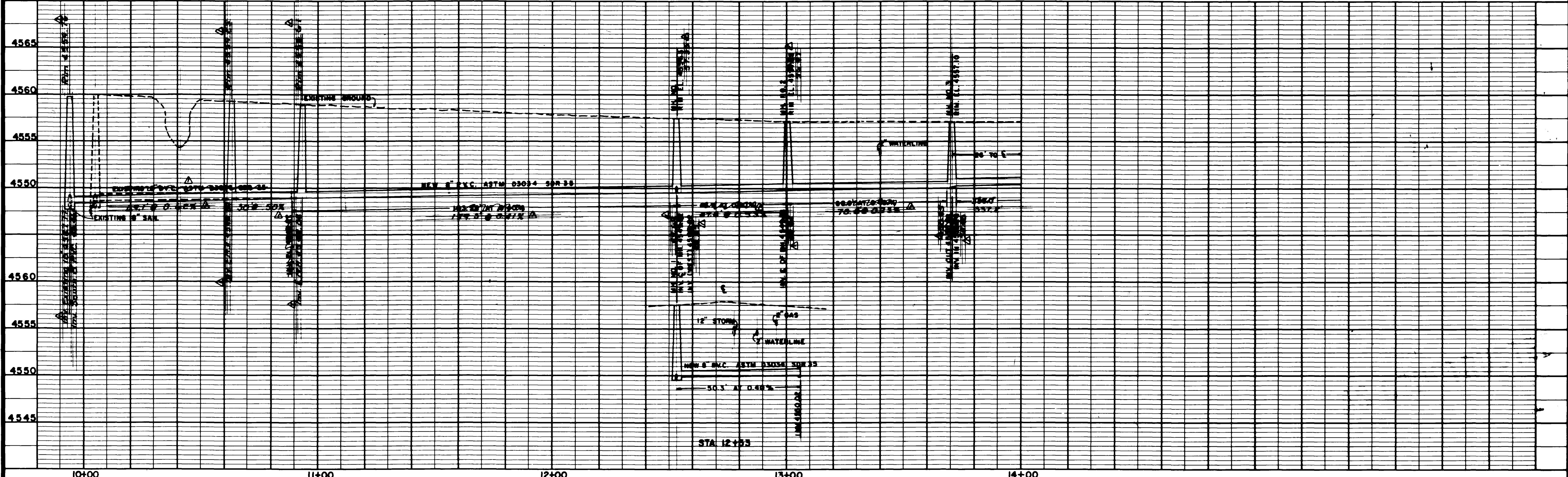
# SUMMARY OF APPROXIMATE QUANTITIES

REF. NO.	CONTRACT ITEM SANITARY SEWER EXTENSION (COMMERCE BOULEVARD)	UNIT	QUANTITY															
1.	Exploratory Excavation to Verify Locations and Elevations of Existing Underground Installations	Lump Sum	Lump Sum															
2.	Furnish and Install 8" P.V.C. Pipe (ASTM D 3034 SDR 35)	L.F.	2209															
3.	Furnish and Install 4" Sewer Tap	Each	16															
4.	Furnish and Install 4" P.V.C. Sewer Service Pipe (ASTM D 3034 SDR 35)	L.F.	544															
5.	Furnish and Install Standard Manhole (4' Dia.) with Cast Iron Ring and Cover (< 5' deep invert rim)	Each	3															
6.	Furnish and Install Standard Manhole (4' Dia.) with Cast Iron Ring and Cover (> 5' deep invert to rim)	Each	6															
7.	Furnish and Install Standard Manhole (4' Dia.) with Cast Iron Ring and Cover on Existing 18" Sewer	Each	1															
8.	Cut and Remove Pavement (Based on 44" Max. Pay. Width)	S.Y.	883															
9.	Saw Cut and Remove Concrete Valley Pan (2')	L.F.	150															
10.	Construct Concrete Valley Pan (2')	L.F.	150															
11.	Granular Stabilization Material (Pit Run)(Haul)	Ton	2864															
12.	Aggregate Base Course (Class 6)(Haul,Water & Compact)	Ton	755															
13.	Asphalt Pavement Replacement (3" thick) Grading E	S.Y.	883															
14.	Unclassified Excavation (Where authorized)	C.Y.	125															
15.	Support Telephone Pedestal	Lump Sum	Lump Sum															
16.	Construction Staking	Lump Sum	Lump Sum															



- GENERAL NOTES:**
- A. Concrete work done in the public Right-Of-Way shall be by a contractor licensed with the City of Grand Junction to perform such work.
  - B. It shall be the contractor's responsibility to locate & verify all information about existing utilities prior to construction.
  - C. Contractor is to repair any damaged water, sewer and gas mains or services. This shall be considered incidental to sewer line construction.
  - D. If any conflict is noticed immediately in the opinion of the Engineer, it shall be resolved at the contractor's expense.
  - E. All ends of abandoned lines shall be plugged with concrete or compression style plugs.
  - F. Shading designates concrete removal area.
  - G. The trench shall be backfilled daily, a 10 foot section will be allowed at the end of the line under construction at night. This shall be barricaded and fenced off daily at the contractor's expense.
  - H. P.V.C. service lines shall be laid at 2% grade.
  - I. Services which connect at manholes shall be laid 1/2" above flange of manhole insert.
  - J. P.V.C. pipe shall be ASTM D-3024 SDR-35.
  - K. Manhole shaft cuts shall be made with pipe 2" larger in diameter.
  - L. Manhole rings dimensions shall be field adjusted to match existing surface.
  - M. Unless other note stated manhole services are to be laid @ 2% slope (W/P).
  - N. All water lines belong to the Water District.

Note:  $\Delta$  Services on this page located where contractor said.

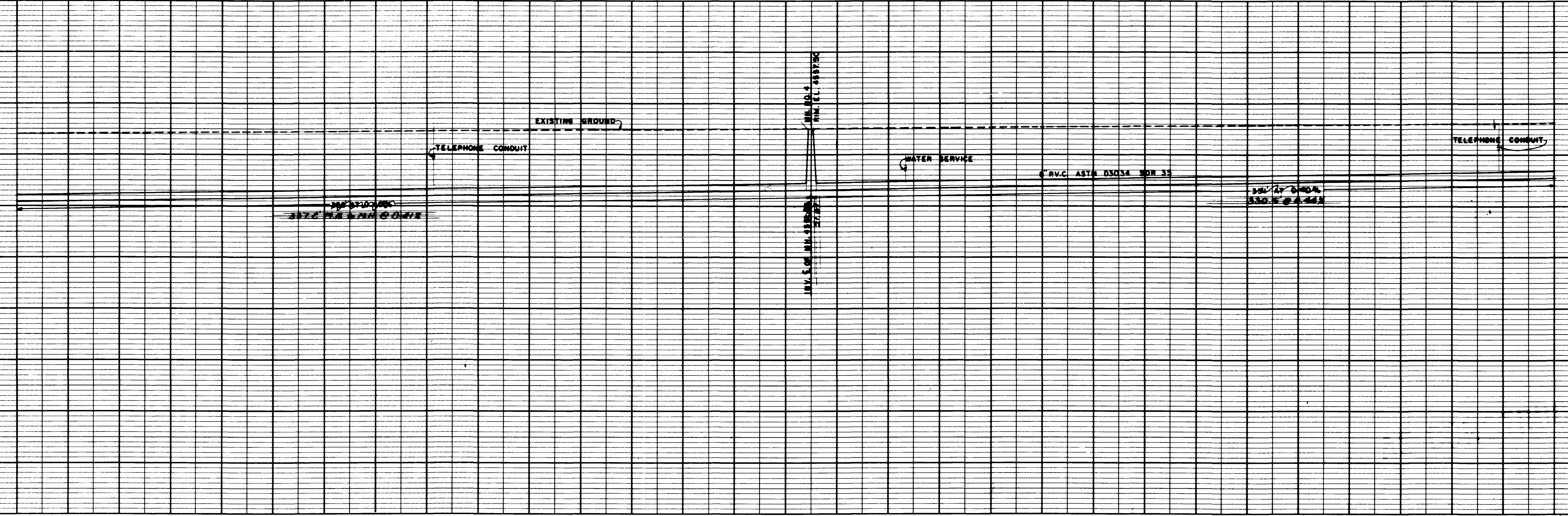
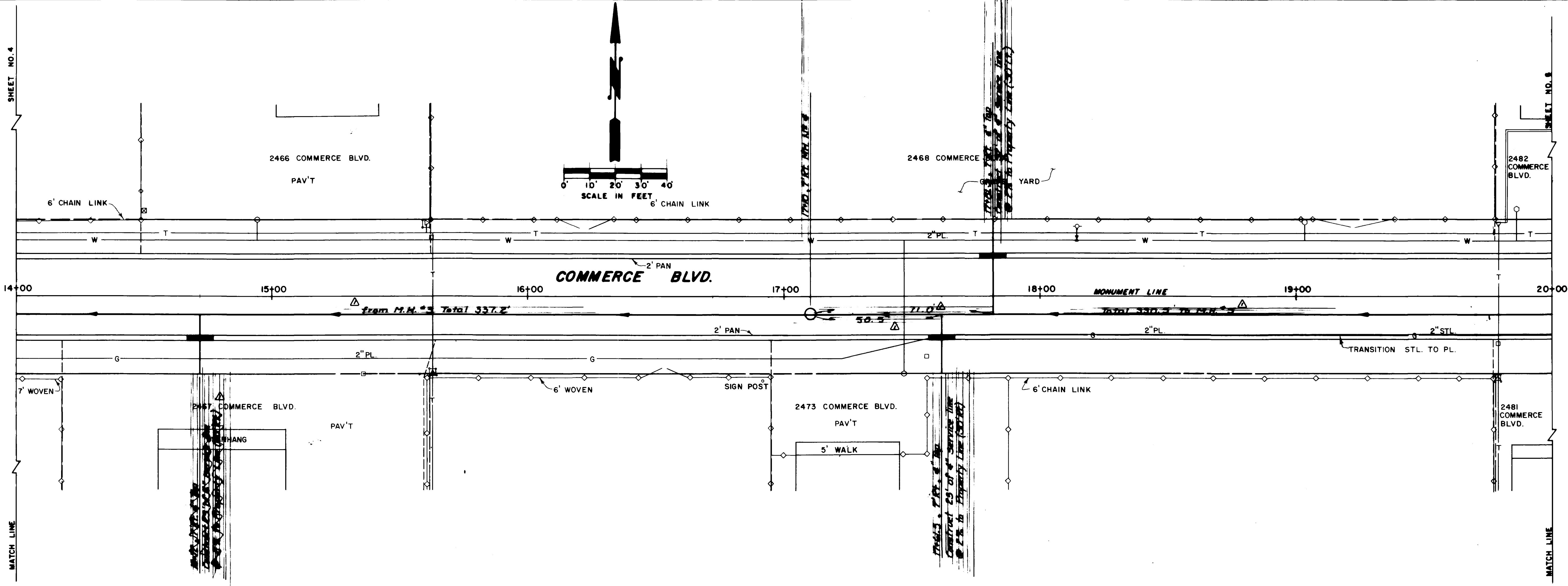


REVISION $\Delta$ As Built REVISION $\Delta$ REVISION $\Delta$ REVISION $\Delta$	DATE 7-85 DATE 3-2-84 DATE 3-3-84 PAGE 219-223	DRAWN BY N.D.P. CHECKED BY I.A.B. APPROVED BY J.L.B. FIELD BOOK NO. LL 11	SCALE PLAN HORIZ. 1"=20' PROFILE HORIZ. 1"=20' VERT. 1"=5'	<b>DEPARTMENT OF PUBLIC WORKS AND UTILITIES</b> <b>ENGINEERING DIVISION</b> <b>CITY OF GRAND JUNCTION, COLORADO</b>	<b>SANITARY SEWER EXTENSION</b> <b>COMMERCE BOULEVARD</b> <b>CONSTRUCTION PLAN AND PROFILE</b>	SHEET NO. 4 OF _____ FILE NO. _____
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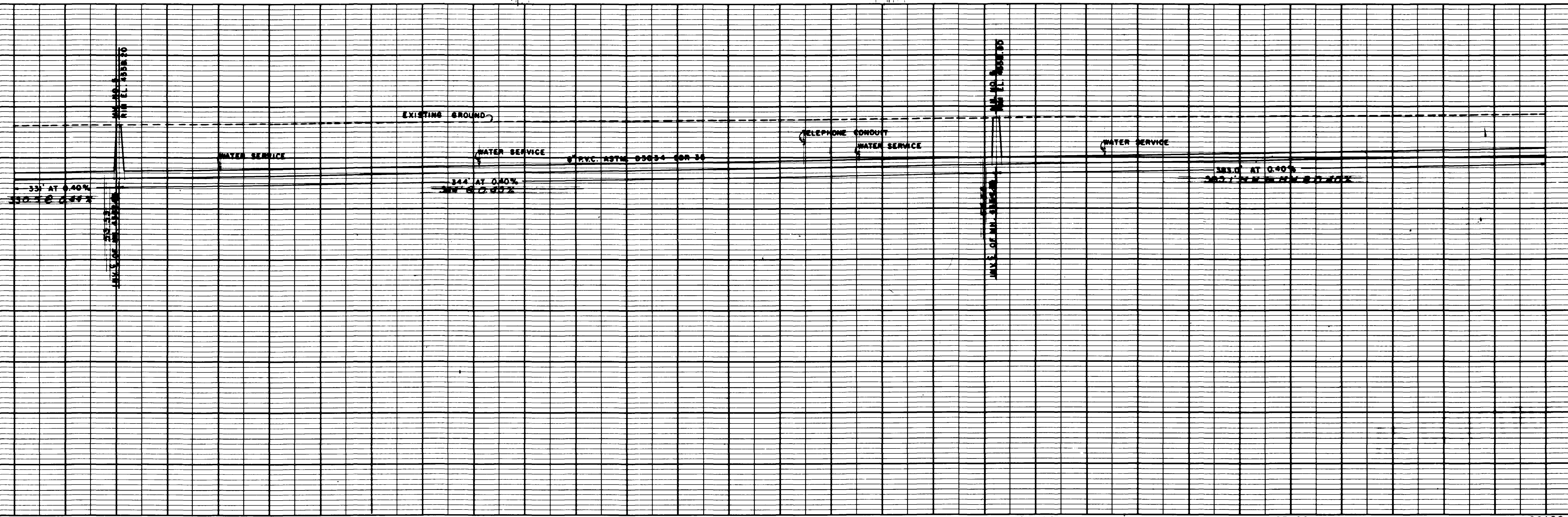
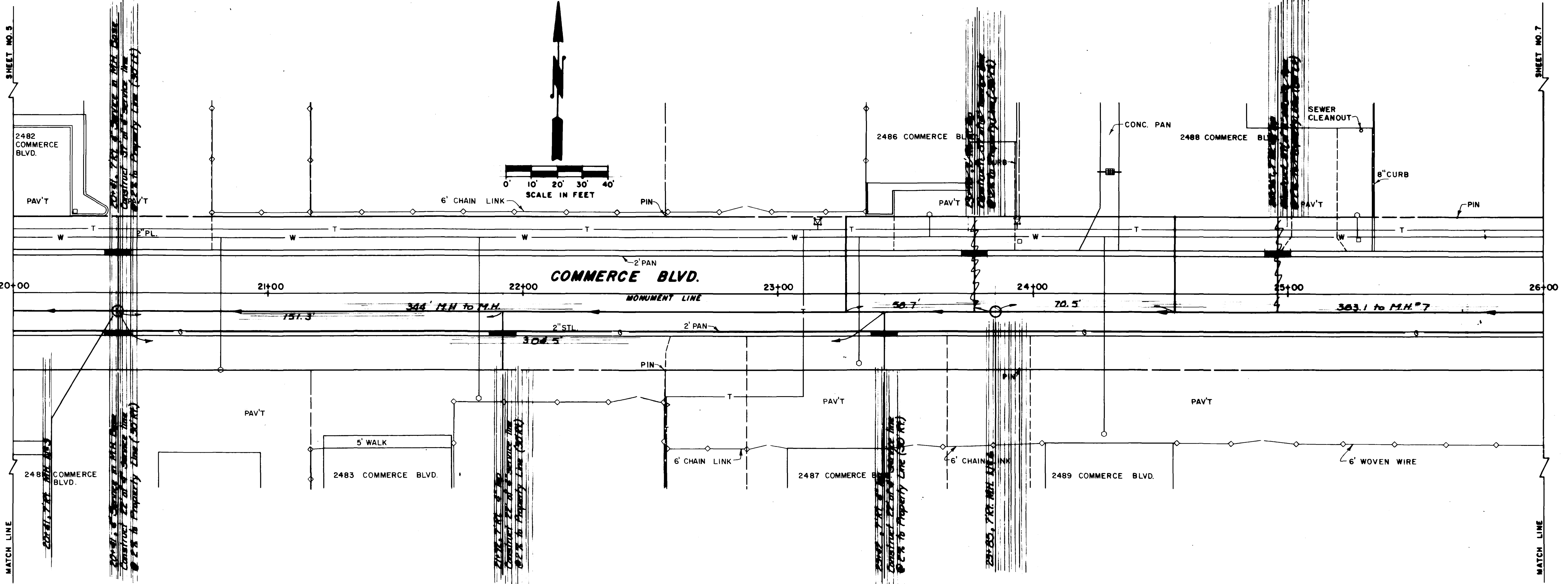


SHEET NO. 4

SHEET NO. 5

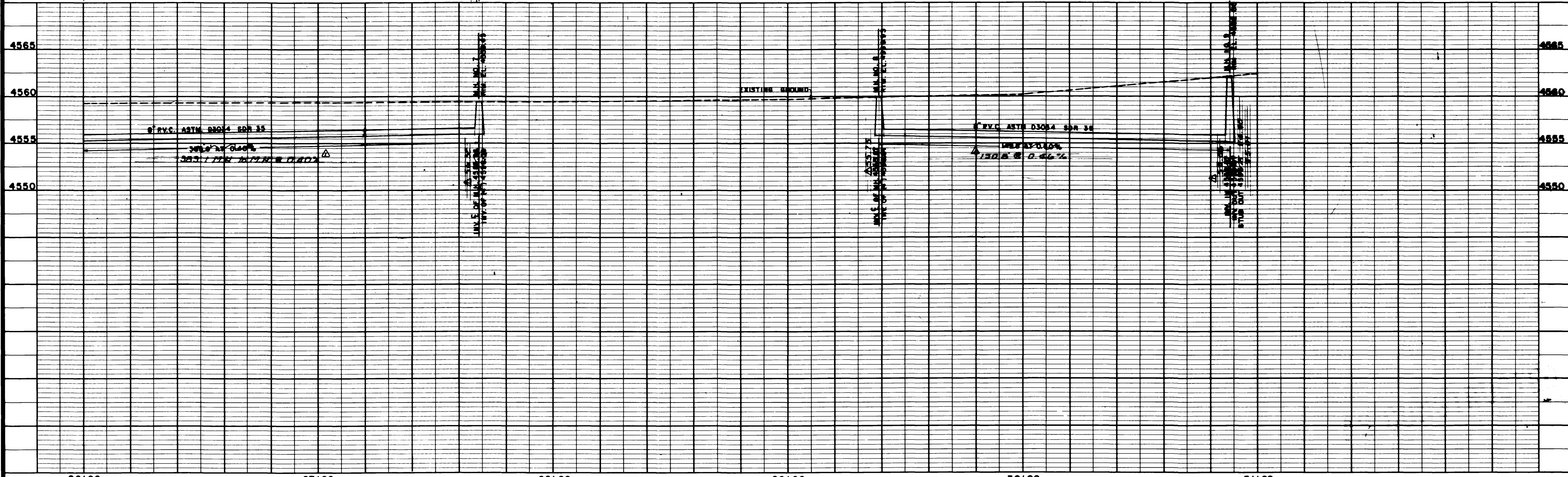
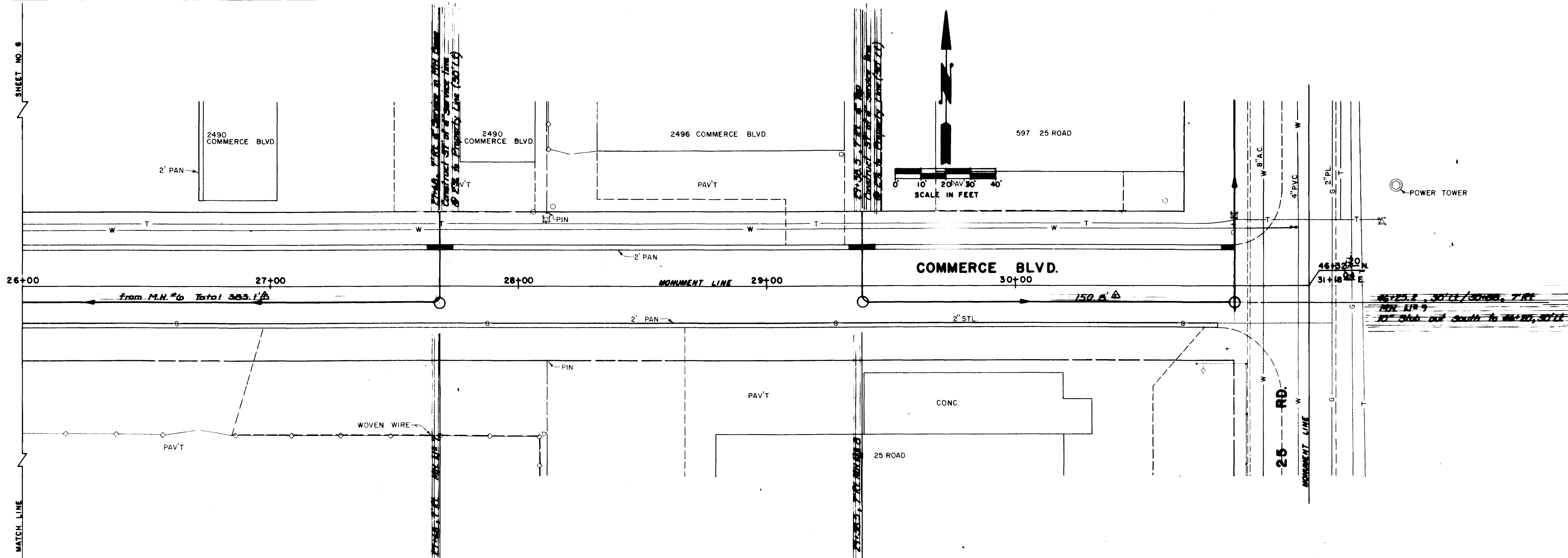


14+00	15+00	16+00	17+00	18+00	19+00	20+00	
REVISION $\Delta$ <i>As Built</i> DATE 7-05 REVISION $\Delta$ _____ REVISION $\Delta$ _____		DRAWN BY M.O.P. DATE 3-2-04 CHECKED BY T.A.B. DATE 3-2-04 APPROVED BY J.L.B. DATE 3-3-04 FIELD BOOK NO. 11.11 PAGE 215-223	SCALE PLAN 1"=20' PROFILE 1"=20' VERT. 1"=5'	DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO		SANITARY SEWER EXTENSION COMMERCE BOULEVARD CONSTRUCTION PLAN AND PROFILE	SHEET NO. 5 OF _____ FILE NO. _____



REVISION $\Delta$ <u>As Built</u> REVISION $\Delta$ _____ REVISION $\Delta$ _____ REVISION $\Delta$ _____	DATE <u>7-05</u> _____ _____ _____	DRAWN BY <u>N.O.P.</u> CHECKED BY <u>T.A.B.</u> APPROVED BY <u>J.L.B.</u> FIELD BOOK NO. <u>LL 11</u>	DATE <u>3-2-84</u> DATE <u>3-2-84</u> DATE <u>3-3-84</u> PAGE <u>215-223</u>	SCALE PLAN HORIZ. <u>1"=20'</u> PROFILE HORIZ. <u>1"=20'</u> VERT. <u>1"=5'</u>	<b>DEPARTMENT OF PUBLIC WORKS AND UTILITIES</b> <b>ENGINEERING DIVISION</b> <b>CITY OF GRAND JUNCTION, COLORADO</b>	<b>SANITARY SEWER EXTENSION</b> <b>COMMERCE BOULEVARD</b> <b>CONSTRUCTION PLAN AND PROFILE</b>	SHEET NO. <u>6</u> OF _____ FILE NO. _____
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SHEET NO. 6



REVISION	DESCRIPTION	DATE	DRAWN BY H.Q.P.	DATE 3-2-84	SCALE PLAN: HORIZ. 1"=20' PROFILE: HORIZ. 1"=20' VERT. 1"=5'
REVISION	As Built	7-85	CHECKED BY T.A.B.	DATE 3-2-84	
REVISION			APPROVED BY J.J.B.	DATE 3-3-84	
REVISION			FIELD BOOK NO. 11 II	PAGE 215-223	

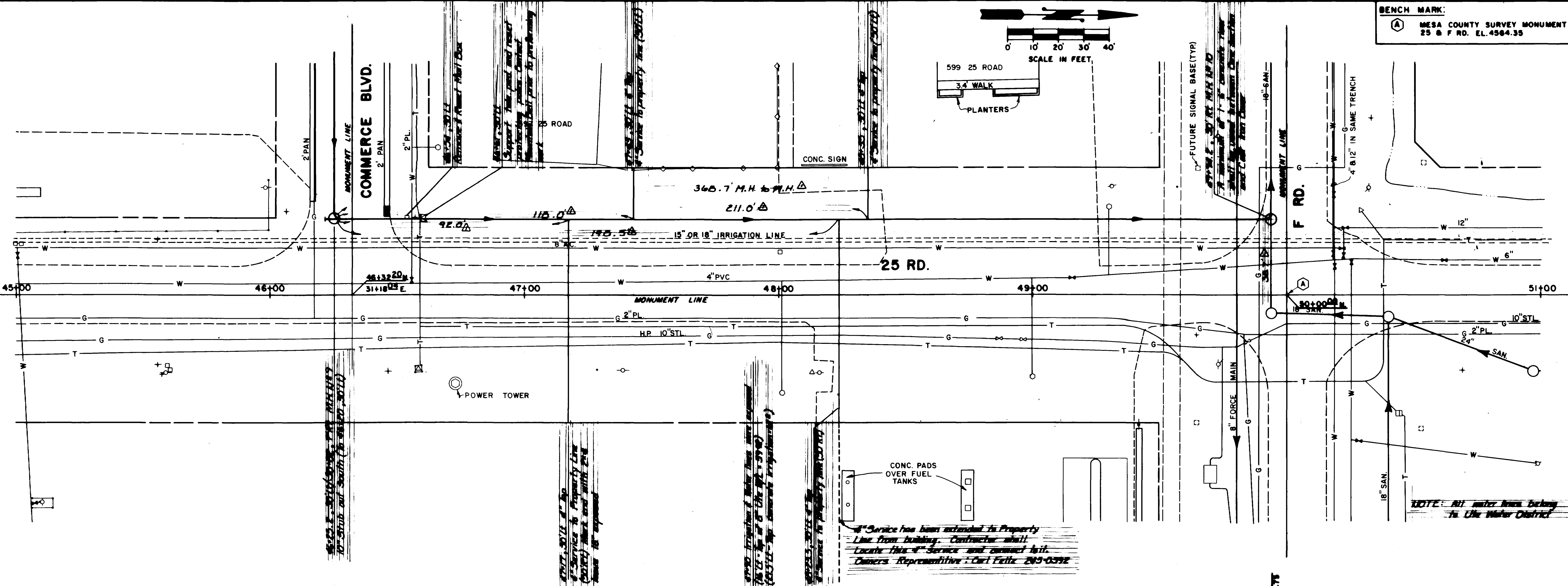
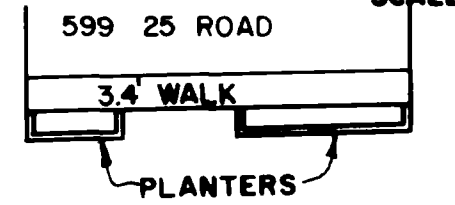
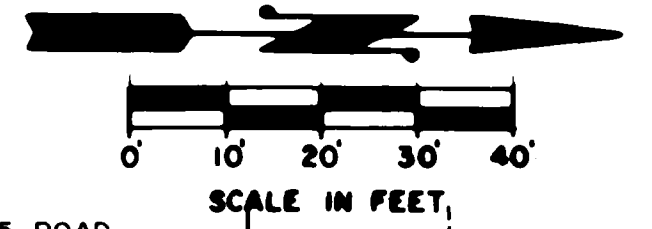
**DEPARTMENT OF PUBLIC WORKS AND UTILITIES**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

**SANITARY SEWER EXTENSION**  
**COMMERCE BOULEVARD**  
**CONSTRUCTION PLAN AND PROFILE**

SHEET NO. 7  
 OF \_\_\_\_\_  
 FILE NO. \_\_\_\_\_



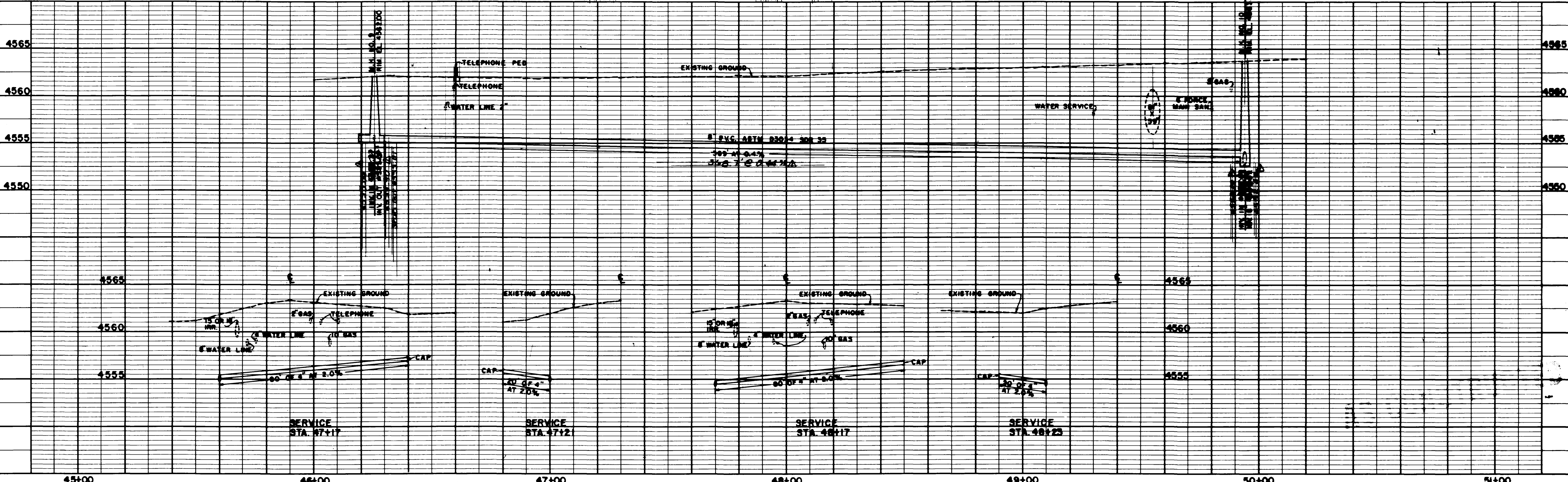
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 MESA COUNTY SURVEY MONUMENT  
 25 & F RD. EL. 4564.35



CONC. PADS OVER FUEL TANKS

4\"/>

NOTE: All water from building to like water district



REVISION A REVISION B REVISION C	DESCRIPTION "As Built"	DATE 7-85	DRAWN BY N.D.P. CHECKED BY T.A.B. APPROVED BY J.J.B. FIELD BOOK NO. LL11	DATE 3-2-84 DATE 3-2-84 DATE 3-3-84 PAGE 215-223	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	SANITARY SEWER EXTENSION COMMERCE BOULEVARD CONSTRUCTION PLAN AND PROFILE	SHEET NO. 8 OF _____ FILE NO.
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