

SUMMARY OF APPROXIMATE QUANTITIES

Item No.	Ref. No.	Contract Item	Unit	Quantity	Item No.	Ref. No.	Contract Item	Unit	Quantity
1		ALLEY 17th. TO 19th. BETWEEN ROOD & WHITE Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	580	29		Aggregate Base Course Class 6 (12" Thick) (Haul, Water & Compact)	S.Y.	1,650
2		4" Taps (Furnish & Install Saddle)	Each	22	30		Hot Bituminous Pavement Grading E (3" Thick) (2 Lifts)	S.Y.	800
3		6" Taps (Furnish & Install Saddles)	Each	1	31		8" Thick Concrete Curb & Gutter, Sidewalks & Alley Approches (Including 6" ABC Class 6)	S.Y.	200
4		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	90	32		Granular Stabilization Material (Where Authorized)	Ton	300
5		Furnish & Install 6" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	5	33		Pit Run Backfill Material (Furnish & Haul)	Ton	250
6		Break Into Existing Manhole & Install New Pipe (Remove Existing Ring & Cover)	Each	1	34		Traffic Control	Lump Sum	Lump Sum
7		Furnish & Install 4' Dia. Manhole (8' Deep) (Reuse existing Ring & Cover)	Each	1	35		BELFORD AVENUE 10th. TO 11th. Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	420
8		Furnish & Install 4' Dia. Manhole (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	1	36		4" Taps (Furnish & Install Saddle)	Each	7
9		Locate Taps	Each	23	37		6" Taps (Furnish & Install Saddles)	Each	2
10		Cut & Remove Asphalt	S.Y.	38	38		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	40
11		Aggregate Base Course Class 6 (Haul, Water & Compact) (12" Thick)	S.Y.	1,050	39		Furnish & Install 6" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	10
12		Hot Bituminous Pavement Grading 1 (3" Thick) (2 Lifts) (Haul, Asphalt & Compact)	S.Y.	40	40		Locate Taps	Each	9
13		Remove Concrete Pan	S.Y.	28	41		Furnish & Install 4' Dia. Manhole (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	2
14		Construct 3' Concrete Pan (8" Thick) (Includes 6" Aggregate Base Course Class 6)	S.Y.	28	42		Cut & Remove Asphalt	S.Y.	570
15		Granular Stabilization Material (Where Authorized)	Ton	250	43		Aggregate Base Course Class 6 (12" Thick) (Furnish, Haul & Compact)	S.Y.	570
16		Pit Run Backfill Material (Furnish & Haul)	Ton	40	44		Hot Bituminous Pavement Grading E (3" Thick) (2 Lifts) (Haul, Asphalt & Compact)	S.Y.	570
17		Traffic Control	Lump Sum	Lump Sum	45		Pit Run Backfill (Furnish & Haul)	Tons	580
18		ALLEY 9th. TO 11th. BETWEEN GRAND & OURAY Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	925	46		Remove Existing Manhole	Each	2
19		4" Taps (Furnish & Install Saddle)	Each	24	47		Traffic Control	Lump Sum	Lump Sum
20		6" Taps (Furnish & Install Saddles)	Each	2	48		Granular Stabilization Material (Where Authorized)	Tons	180
21		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	100	49		BELFORD AVENUE 10th. TO 11th. Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	240
22		Furnish & Install 6" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	10	50		4" Taps (Furnish & Install Saddle)	Each	6
23		Locate Taps	Each	26	51		6" Taps (Furnish & Install Saddles)	Each	1
24		Furnish & Install 4' Dia. Manhole Sta. 5+38.7 (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	1	52		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	40
25		Furnish & Install 4' Dia. Manhole (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	3	53		Furnish & Install 6" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	6
26		Cut & Remove Asphalt	S.Y.	1,650	54		Furnish & Install 4' Dia. Manhole (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	1
27		Remove Concrete Sidewalks, Pans & Alley Aprons	S.Y.	200	55		Furnish & Install 4' Dia. Manhole (Greater Than 8' Deep) (Reuse Existing Ring & Cover)	Each	1
28		Sawcut Concrete Up To 8" Thick	L.F.	20	56		Locate Taps	Each	7
					57		Cut & Remove Asphalt	S.Y.	500

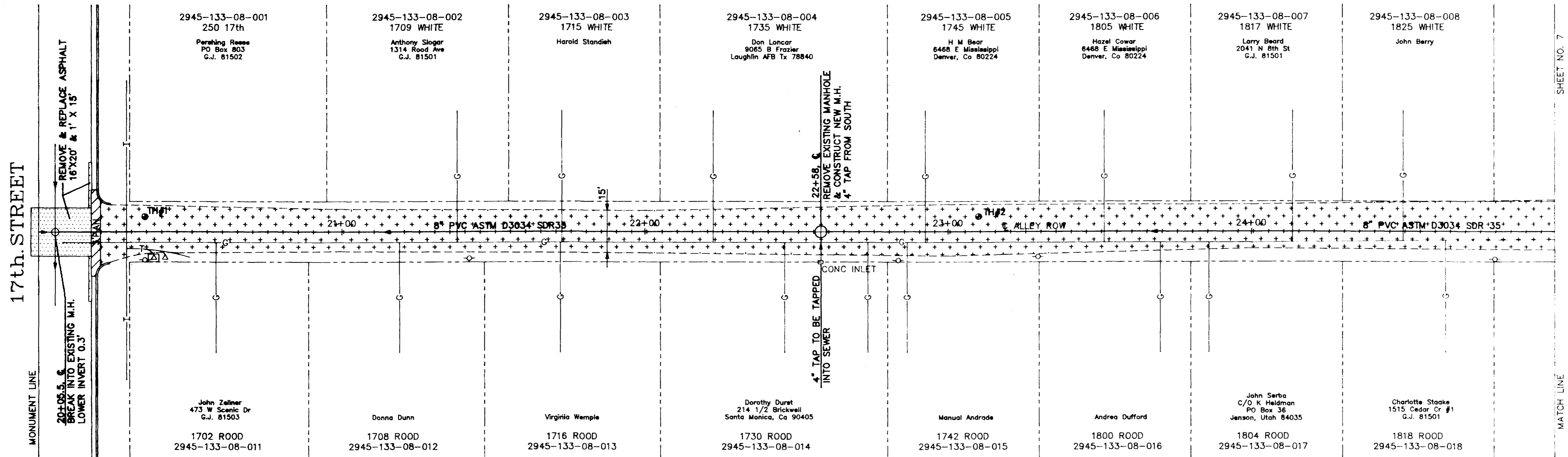
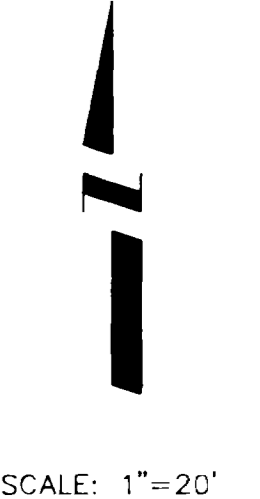
SUMMARY OF APPROXIMATE QUANTITIES

Item No.	Ref. No.	Contract Item	Unit	Quantity	Item No.	Ref. No.	Contract Item	Unit	Quantity
58		Aggregate Base Course Class 6 (Haul, Water & Compact) (12" Thick)	S.Y.	500	89		Reset Wooden Fence	L.F.	300
59		Pit Run Backfill Material (Furnish & Haul)	Ton	375	90		Reset Chain Link Fence	L.F.	300
60		Granular Stabilization Material (Where Authorized)	Ton	90	91		Raise Ring & Cover With Concrete Grade Rings (24" Total)	Inch	24
61		Traffic Control	Lump Sum	Lump Sum			EASEMENT MESA TO TEXAS & EAST OF FIRST STREET ALTERNATE NO. 1 (OPEN CUT)		
62		EASEMENT MESA TO TEXAS & EAST OF FIRST STREET ALTERNATE NO. 1 (OPEN CUT)			92		Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	1,395
62		Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	644	93		4" Taps (Furnish & Install Saddle)	Each	45
63		4" Taps (Furnish & Install Saddle)	Each	18	94		6" Taps (Furnish & Install Saddles)	Each	1
64		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	90	95		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	225
65		Locate Taps	Each	18	96		Furnish & Install 6" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	10
66		Break Into Manhole Sta. 5+38.1 & Install New Pipe	Lump Sum	Lump Sum	97		Locate Taps	Each	46
67		Furnish & Install 4' Dia. Manhole (8' Deep) (Reuse existing Ring & Cover)	Each	1	98		Break Into Manhole Sta. 5+82 & Install New Pipe (Reuse Existing Ring & Cover)	Lump Sum	Lump Sum
68		Break Into Manhole Sta. 11+84 & Install New Pipe	Lump Sum	Lump Sum	99		Furnish & Install 4 Dia. Manhole (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	4
69		Aggregate Base Course Class 6 (12" Thick) (Haul, Water & Compact)	S.Y.	150	100		Granular Stabilization Material (Where Authorized)	Tons	590
70		Granular Stabilization Material (Where Authorized)	Tons	280	101		Pit Run Backfill Material	Tons	590
71		Pit Run Backfill	Tons	500	102		Traffic Control	Lump Sum	Lump Sum
72		Remove Wooden Fence	L.F.	300	103		Cut & Remove Asphalt	S.Y.	2,375
73		Remove Chain Link Fence	L.F.	300	104		Aggregate Base Course Class 6 (Haul, Water & Compact)	S.Y.	2,375
74		Reset Wooden Fence	L.F.	300	105		Hot Bituminous Pavement Grading E (3") (2 Lifts) (Haul, Asphalt & Compact)	S.Y.	75
75		Reset Chain Link Fence	L.F.	300			ALTERNATE NO. 4 (ALTERNATE CONSTRUCTION)		
76		Raise Ring & Cover With Concrete Grade Rings (24" Total)	Inch	24	106		Furnish & Install 8" Dia. Polyethylene Pipe SDR-17 (Including Excavation & Backfill)	L.F.	990
77		ALTERNATE NO.2 (ALTERNATE CONSTRUCTION)			107		Furnish & Install 8" Dia. PVC Sewer Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	405
77		Furnish & Install 8" Dia. Polyethylene Pipe SDR-17 (Including Excavation & Backfill)	L.F.	644	108		4" Taps (Furnish & Install Saddle)	Each	45
78		4" Taps (Furnish & Install Saddle)	Each	18	109		6" Taps (Furnish & Install Saddles)	Each	1
79		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	Each	90	110		Furnish & Install 4" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	225
80		Locate Taps	Each	18	111		Furnish & Install 6" Dia. PVC Pipe ASTM D3034 SDR35 (Including Excavation & Backfill)	L.F.	10
81		Break Into Manhole Sta. 5+38.1 & Install New Pipe	Lump Sum	Lump Sum	112		Break Into Manhole Sta. 5+82 & Install New Pipe (Reuse Existing Ring & Cover)	Lump Sum	Lump Sum
82		Furnish & Install 4' Dia. Manhole (8' Deep) (Reuse existing Ring & Cover)	Each	1	113		Furnish & Install 4 Dia. Manhole (Less Than 8' Deep) (Reuse Existing Ring & Cover)	Each	4
83		Break Into Manhole Sta. 11+84 & Install New Pipe	Lump Sum	Lump Sum	114		Granular Stabilization Material (Where Authorized)	Tons	300
84		Aggregate Base Course Class 6 (12" Thick) (Haul, Water & Compact)	S.Y.	150	115		Pit Run Backfill Material	Tons	400
85		Granular Stabilization Material (Where Authorized)	Tons	200	116		Cut & Remove Asphalt	S.Y.	2,375
86		Pit Run Backfill	Tons	500	117		Aggregate Base Course Class 6 (Haul, Water & Compact)	S.Y.	2,375
87		Remove Wooden Fence	L.F.	300					
88		Remove Chain Link Fence	L.F.	300					

SUMMARY OF APPROXIMATE QUANTITIES

Item No.	Ref. No.	Contract Item	Unit	Quantity	Item No.	Ref. No.	Contract Item	Unit	Quantity
118		Hot Bituminous Pavement Grading E (3") (2 Lifts) , (Haul, Water & Compact)	S.Y.	75					
119		Traffic Control	Lump Sum	Lump Sum					
		GENERAL							
120		Newsletters (100 Copies per Week)	Weeks	20					
121		New Ring & Cover for Manhole	Each	5					
122		Mobilization	Lump Sum	Lump Sum					
123		Project Signs	Each	2					
		MANHOLE REPAIRS AND REPLACEMENTS (SHEET NO. 14 OF PLANS)							
124		1522 Hall - Remove manhole and replace with 20' of 6" PVC. Two 4" service lines will require hook-ups into new line. Manhole is located in alley approximately 60' South of Hall Avenue.	Lump Sum	Lump Sum					
125		6th. Street between Hill & Teller - Replace manhole, approximately 7' deep.	Lump Sum	Lump Sum					
126		First manhole east of Sixth between Belford and North Avenue. Re-do manhole base and raise flow line of manhole.	Lump Sum	Lump Sum					
127		Belaire Drive and Park Drive - Raise ring and cover on manhole.	Lump Sum	Lump Sum					
128		23rd. Street between North Avenue and Bunting-Replace manhole approximately 8' deep. High flows from two directions.	Lump Sum	Lump Sum					
129		2445 Hall in alley between Hall and Mesa - Replace manhole and 10' of pipe in each direction. 8" in from north, east and west, 8" and 10" flows out to south.	Lump Sum	Lump Sum					
130		19th. and Orchard - Raise rim and cover on manhole under existing curb and gutter. Top cone of manhole will need to be rotated to get cover out of flow line of gutter.	Lump Sum	Lump Sum					
131		593 Rio Grande Drive - Raise ring and cover 3" to 5". Manhole will be located by sanitation department.	Lump Sum	Lump Sum					

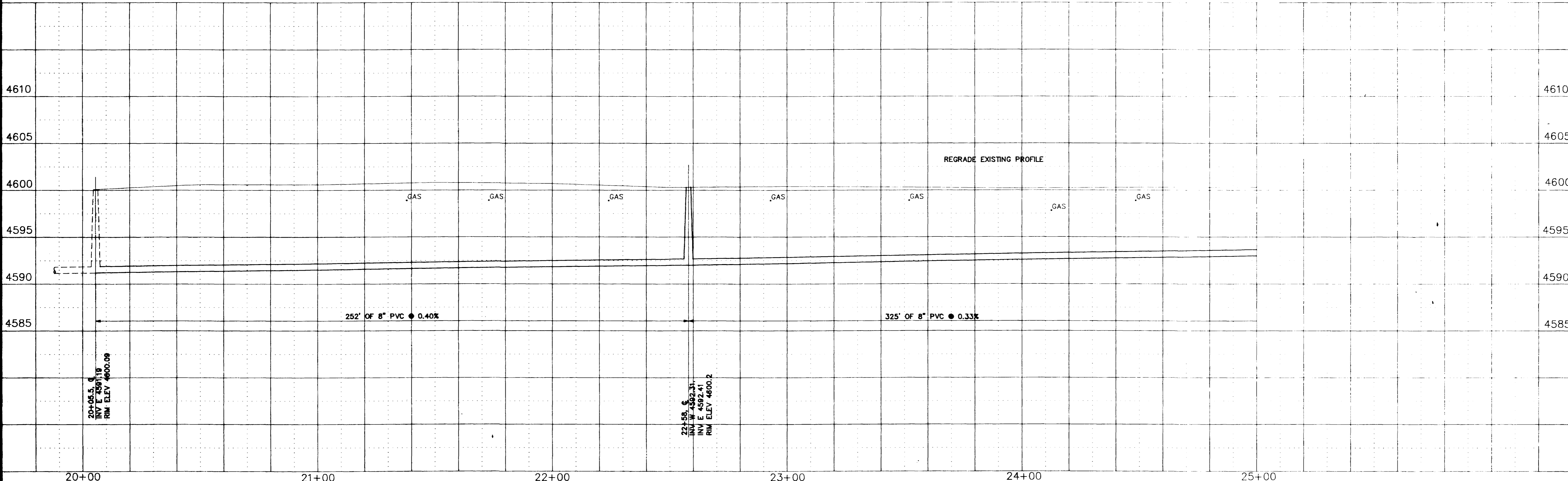
WHITE AVENUE



ROOD AVENUE

NOTE: EXISTING GRAVEL SURFACE-NATIVE BACKFILL MATERIAL PLACE 12" AGGREGATE BASE COURSE CLASS 6

TEST HOLES: #1 @ 20+35, 5' LT.
#2 @ 23+10, 5' LT.



REVISION	DESCRIPTION	DATE

DRAWN BY	LESLEY	DATE	7/89
CHECKED BY	J.J.B.	DATE	7/89
APPROVED BY	J.J.B.	DATE	7/89
FILED BOOK NO.		PAGE	

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

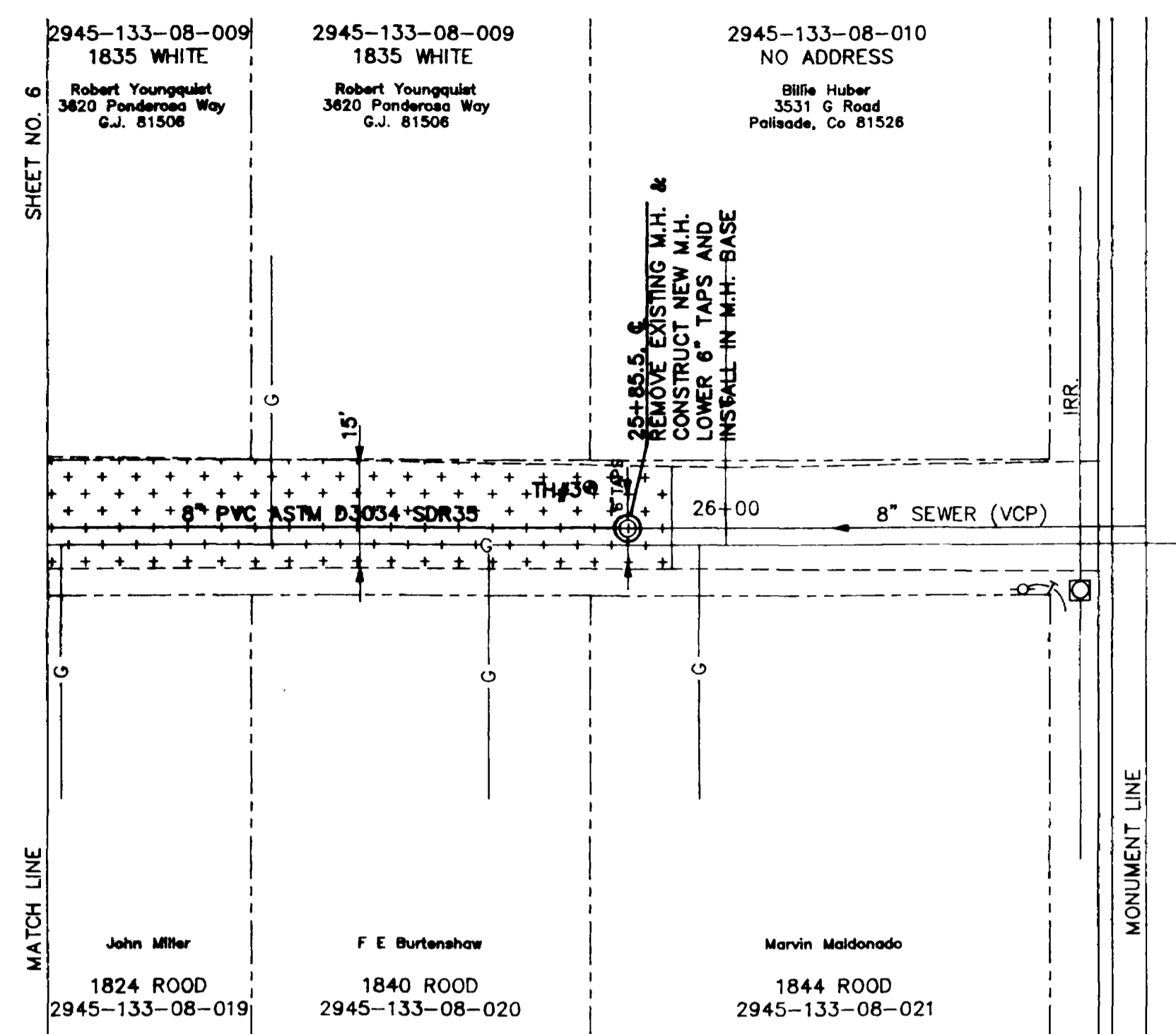
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

SANITARY SEWER RECONSTRUCTION 1989
Alley 17th. Street to 19th. Street
Between Rood Avenue & White Avenue

SHEET NO.	6
OF	18
FILE NO.	

WHITE AVENUE

GENERAL NOTES

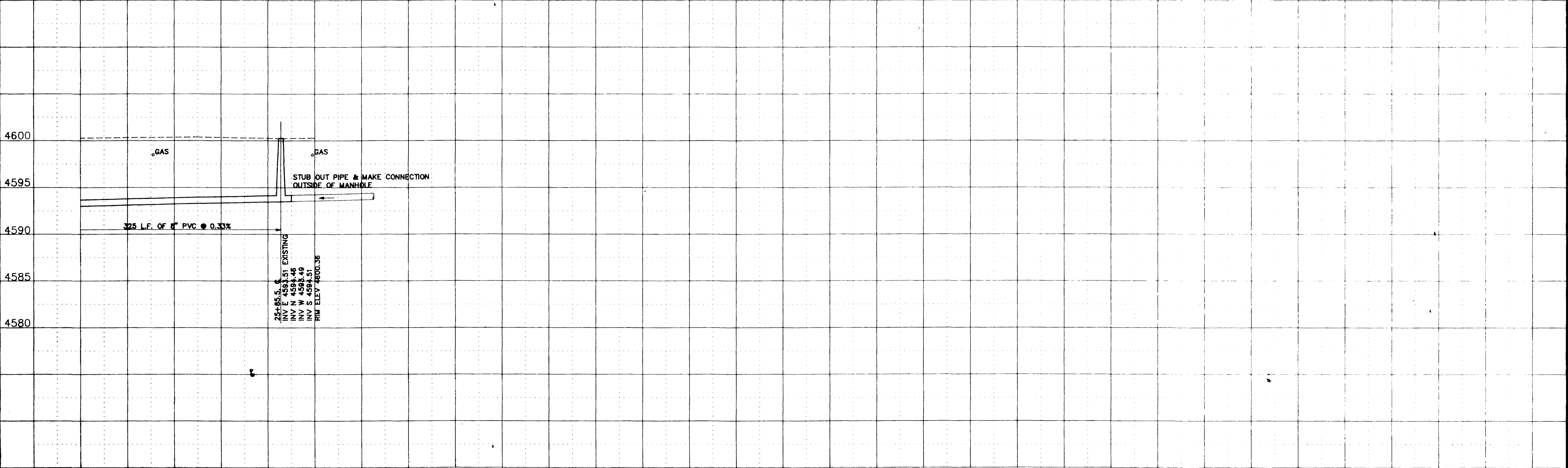


1. [Symbol] DENOTES ASPHALT REMOVAL AND REPLACEMENT WITH AGGREGATE BASE COURSE
2. [Symbol] DENOTES ASPHALT REMOVAL AND REPLACEMENT
3. [Symbol] DENOTES AGGREGATE BASE COURSE SURFACE
4. [Symbol] DENOTES CONCRETE REMOVAL AND REPLACEMENT
5. ALL EXPOSED ENDS OF SEWER PIPES WHICH ARE TO BE ABANDONED ARE TO BE PLUGGED WITH CONCRETE.
6. SHADED AREAS DESIGNATE LIMITS OF CONSTRUCTION.

ROOD AVENUE

TEST HOLES: #3 25+80, 6'LT.

NOTE: EXISTING GRAVEL SURFACE--NATIVE BACKFILL MATERIAL
PLACE 12 AGGREGATE BASE COURSE CLASS 6



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	7/89	SCALE	PLAN	PROFILE	
REVISION			CHECKED BY	DATE	7/89	HORIZ.	1"=20'	HORIZ.	1"=20'
REVISION			APPROVED BY	DATE	7/89	VERT.	1"=5'		
REVISION			FILED BOOK NO.	PAGE					

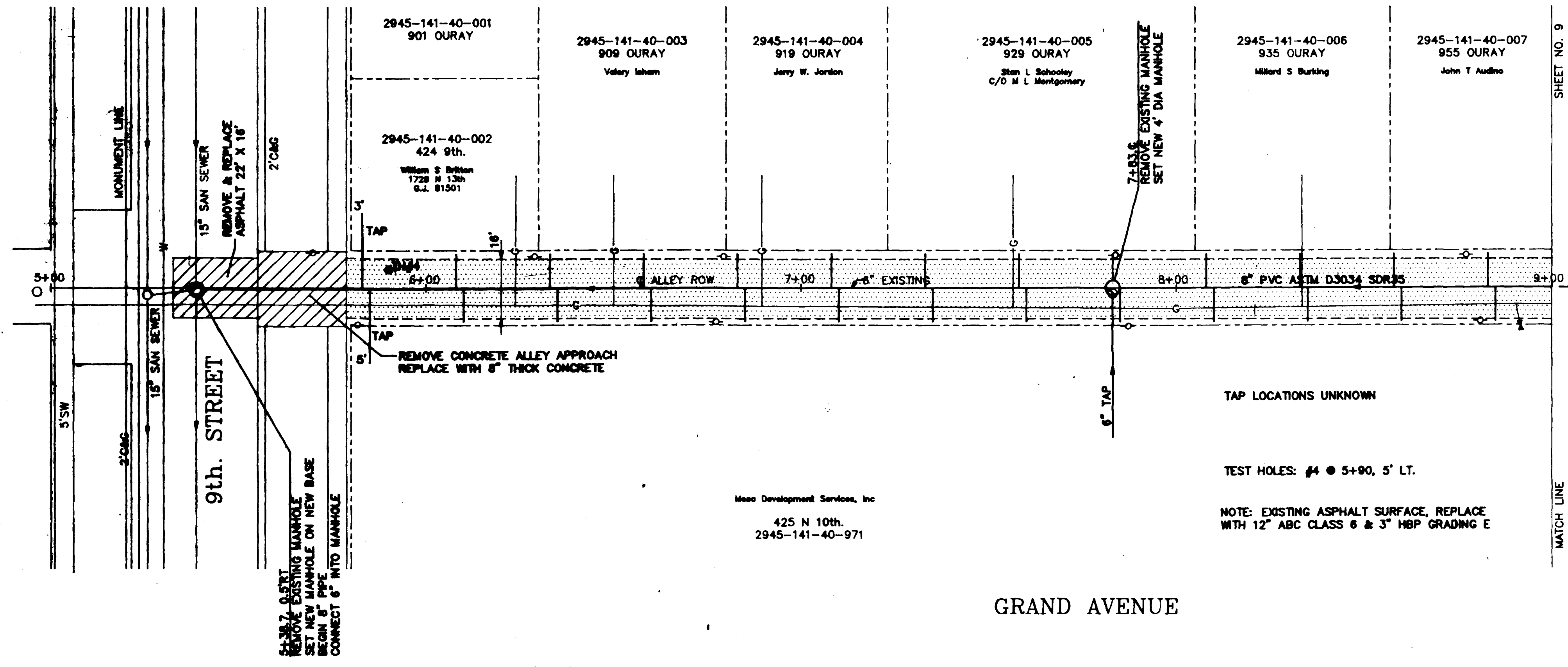
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

SANITARY SEWER RECONSTRUCTION 1989
Alley 17th. Street to 19th. Street
Between Road Avenue & White Avenue

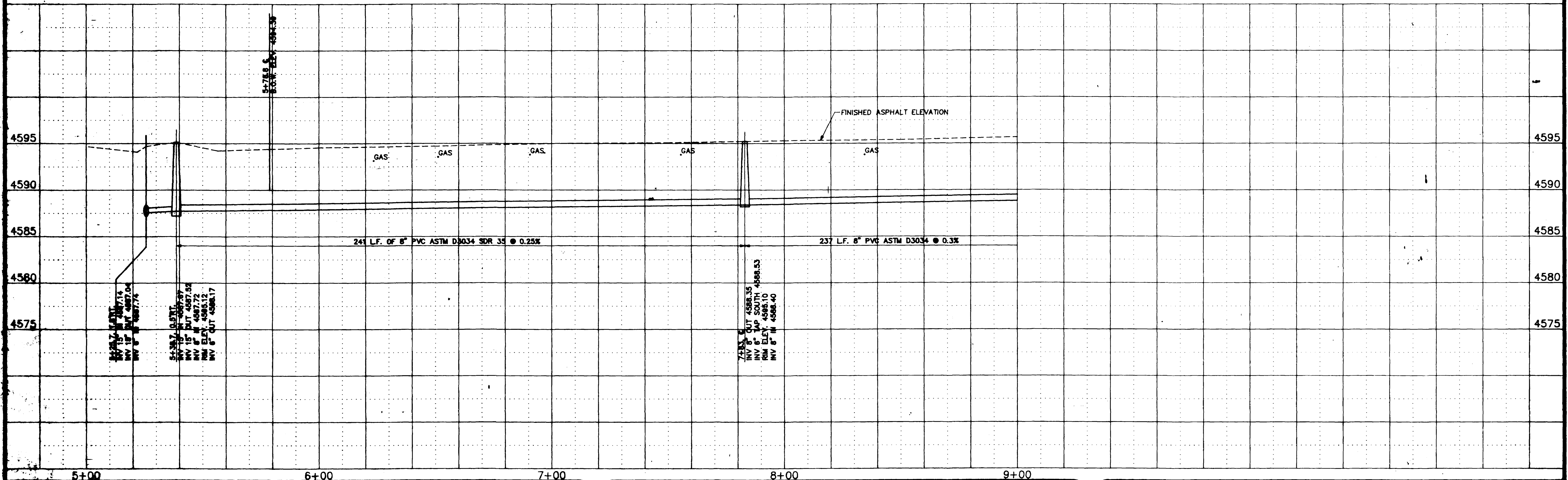
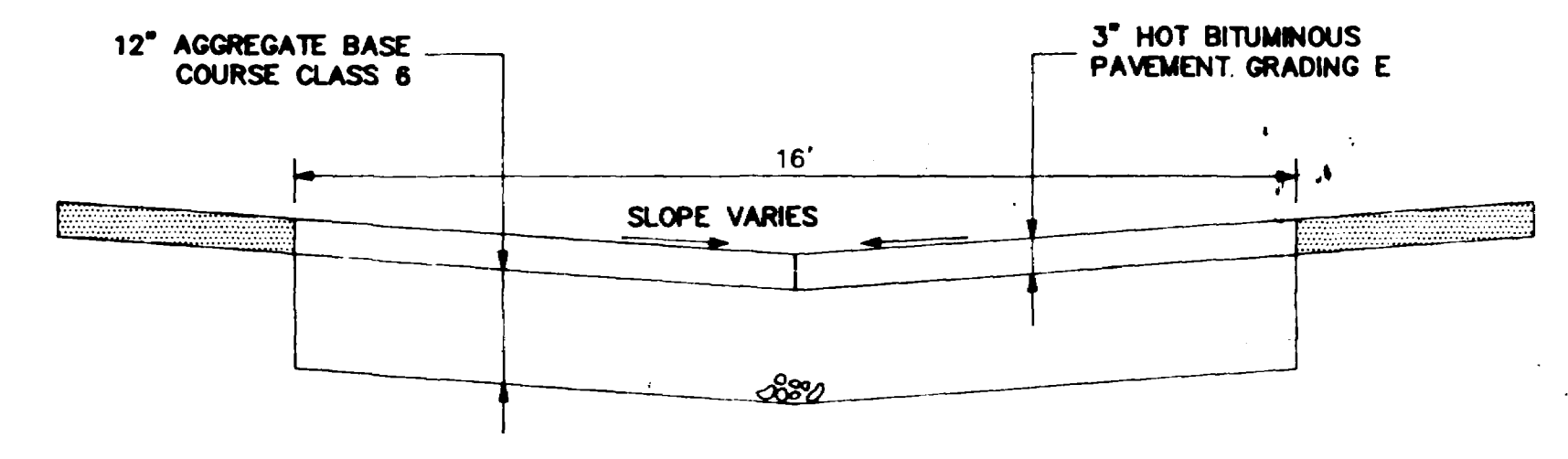
SHEET NO.	7
OF	18
FILE NO.	

OURAY AVENUE

SCALE: 1"=20'



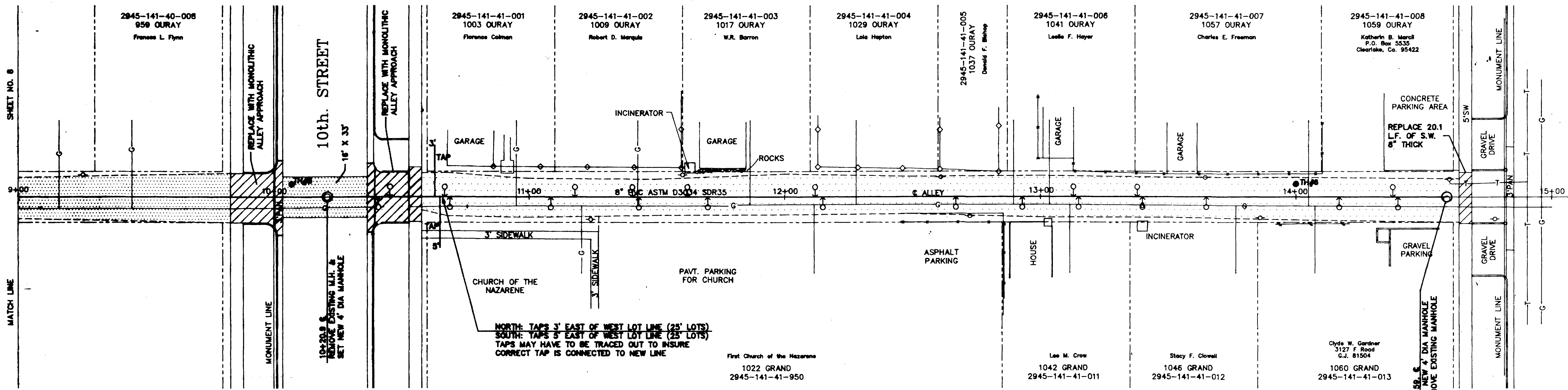
NORTH
 TAPS 3' EAST OF WEST LOT LINE (25' LOTS)
 TAPS 5' EAST OF WEST LOT LINE (25' LOTS)
 SOUTH



DESCRIPTION DATE DRAWN BY: Lenay DATE 7/89 CHECKED BY: J.A.B. DATE 7/89 APPROVED BY: J.A.B. DATE 7/89 FILED 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	SANITARY SEWER RECONSTRUCTION 1989 Alley 9th. Street to 11th. Street Between Grand Avenue & Ouray Avenue	SHEET NO. 9 OF 18 FILE NO.
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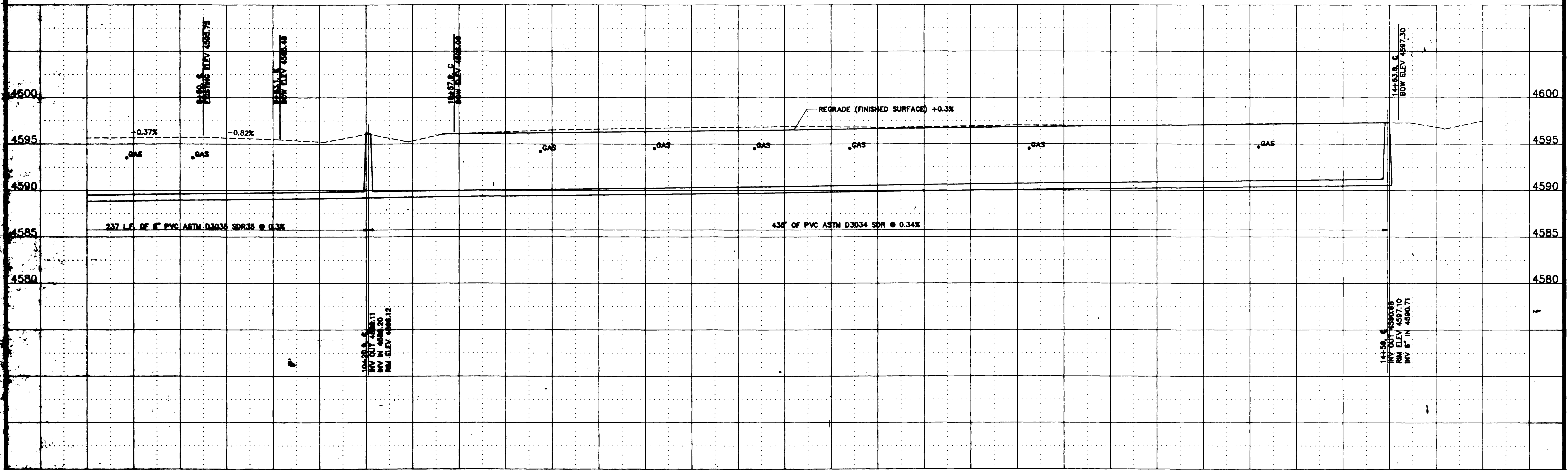
OURAY AVENUE

SCALE: 1"=20'



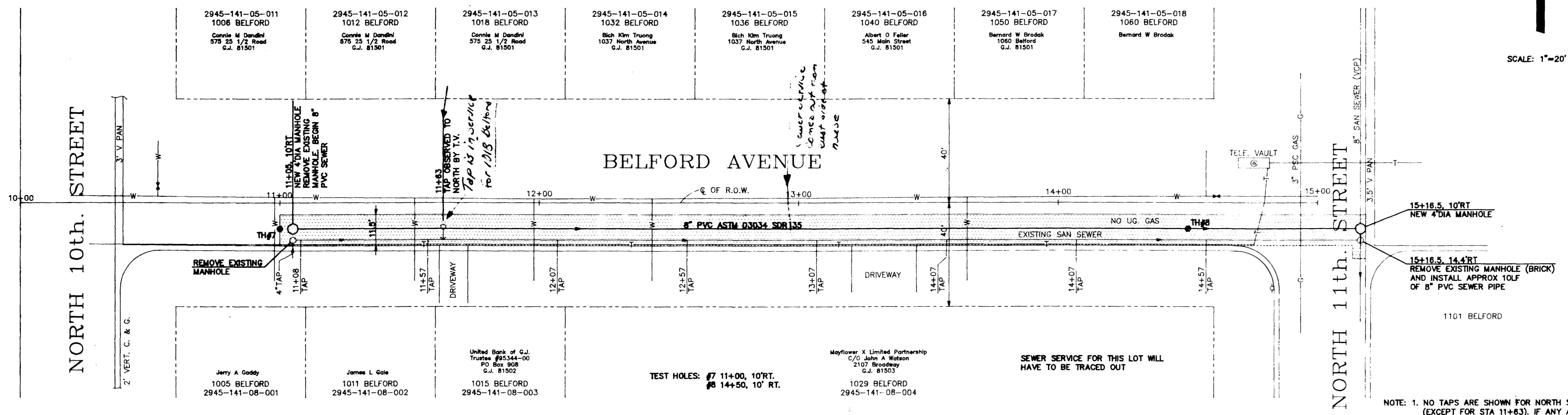
TEST HOLES: #5 @ 10+07.5' LT.
#6 @ 14+00.05' LT.

⊕ DENOTES SERVICES OBSERVED WITH T.V. CAMERA



DESCRIPTION	DATE	DRAWN BY	DATE	SCALE	DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO	SANITARY SEWER RECONSTRUCTION 1989 Alley 9th. to 11th. Streets Between Grand Avenue and Ouray Avenue	SHEET NO. 9
CHECKED BY	DATE	APPROVED BY	DATE	PLAN			OF 18
FILED BOOK NO.	PAGE	HORIZ.	DATE	PROFILE			FILE NO.
		VERT.					

SCALE: 1"=20'

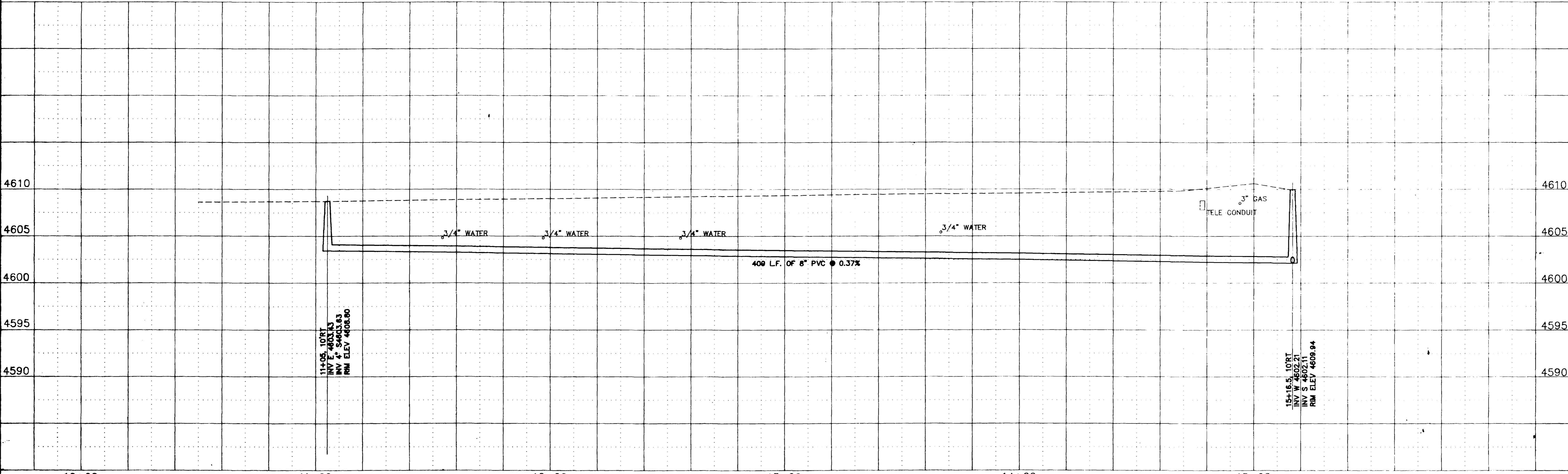


NOTE: 1. NO TAPS ARE SHOWN FOR NORTH SIDE OF STREET (EXCEPT FOR STA 11+83). IF ANY ARE ENCOUNTERED THEY SHALL BE CONNECTED TO THE NEW MAIN. WYES FOR THE PROPERTIES TO THE SOUTH ARE SHOWN AS 3' WEST OF EAST PROPERTY LINE. CORRESPONDING STATIONS ARE SHOWN.

2. NO U.G. GAS OR ELECTRICAL

TEST HOLES: #7 11+00, 10' RT.
#8 14+50, 10' RT.

SEWER SERVICE FOR THIS LOT WILL HAVE TO BE TRACED OUT



REVISION	DATE	DRAWN BY	N.O.P.	DATE	7/89
REVISION	DATE	CHECKED BY	JWB	DATE	7/89
REVISION	DATE	APPROVED BY	JWB	DATE	7/89
REVISION	DATE	FILED BOOK NO.		PAGE	

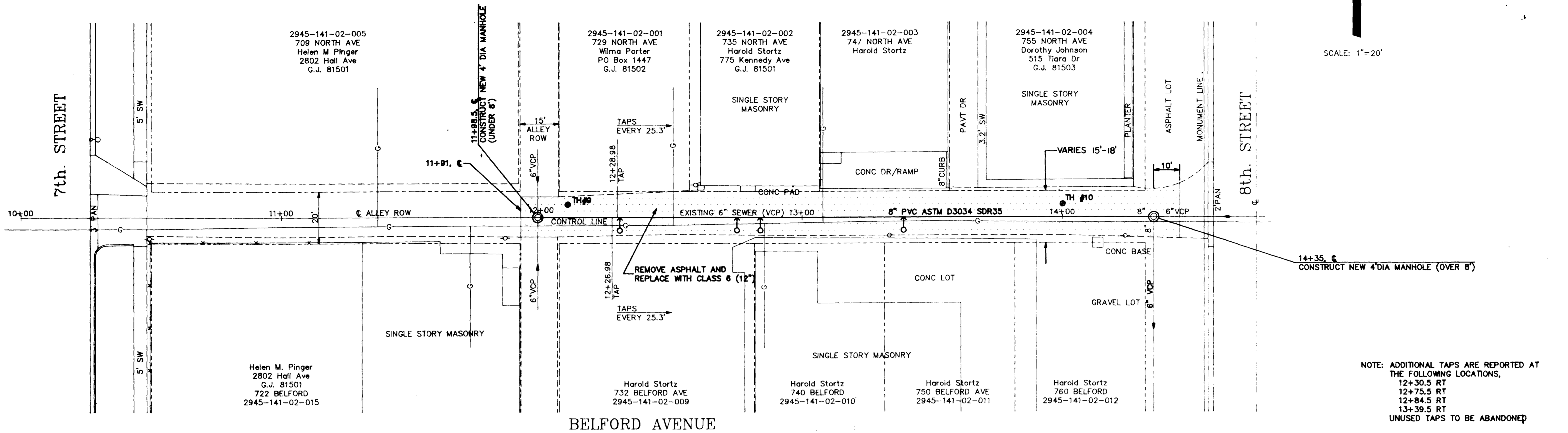
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

SANITARY SEWER RECONSTRUCTION 1989
South Side of Belford Avenue
10th. Street to 11th. Street

SHEET NO.	10
OF	18
FILE NO.	

NORTH AVENUE

SCALE: 1"=20'

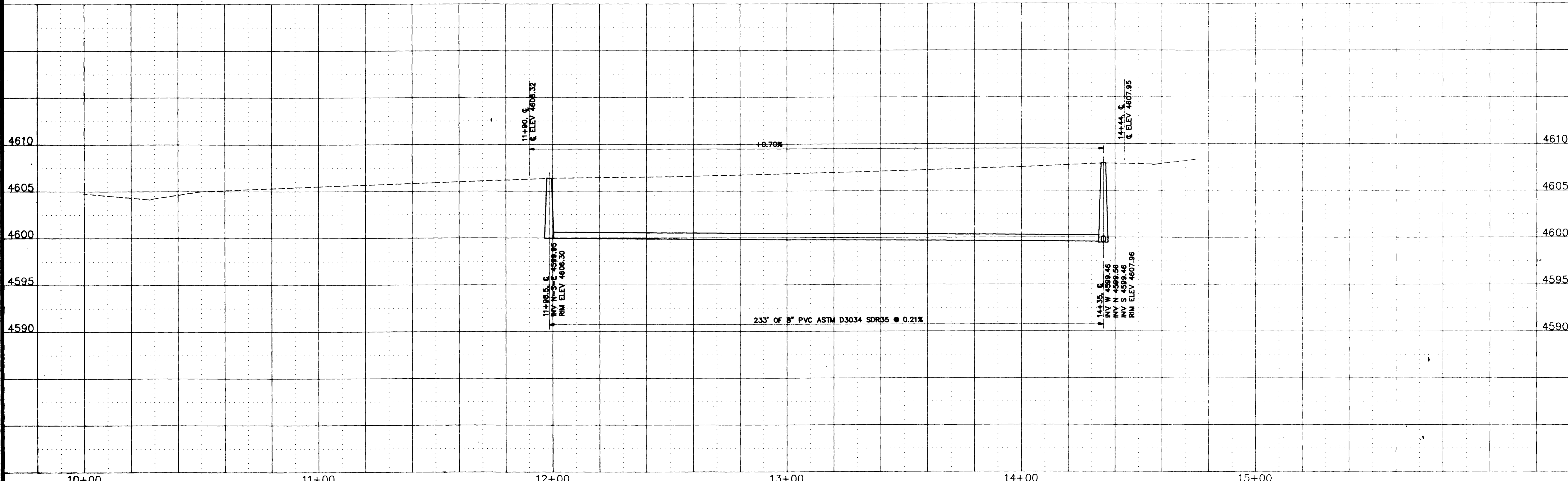


NOTE: ADDITIONAL TAPS ARE REPORTED AT THE FOLLOWING LOCATIONS,
 12+30.5 RT
 12+75.5 RT
 12+84.5 RT
 13+39.5 RT
 UNUSED TAPS TO BE ABANDONED

⊕ INDICATES ADDITIONAL TAP

REMOVE EXISTING ASPHALT, BACKFILL WITH PIT RUN PLACE 12" ABC CLASS 6

TEST HOLES: #9 ● 12+10, 5' LT.
 #10 ● 14+00, 5' LT.



REVISION	DESCRIPTION	DATE

DRAWN BY	LESLEY	DATE	7/89
CHECKED BY	JJB	DATE	7/89
APPROVED BY	JJB	DATE	7/89
FIELD BOOK NO.		PAGE	

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

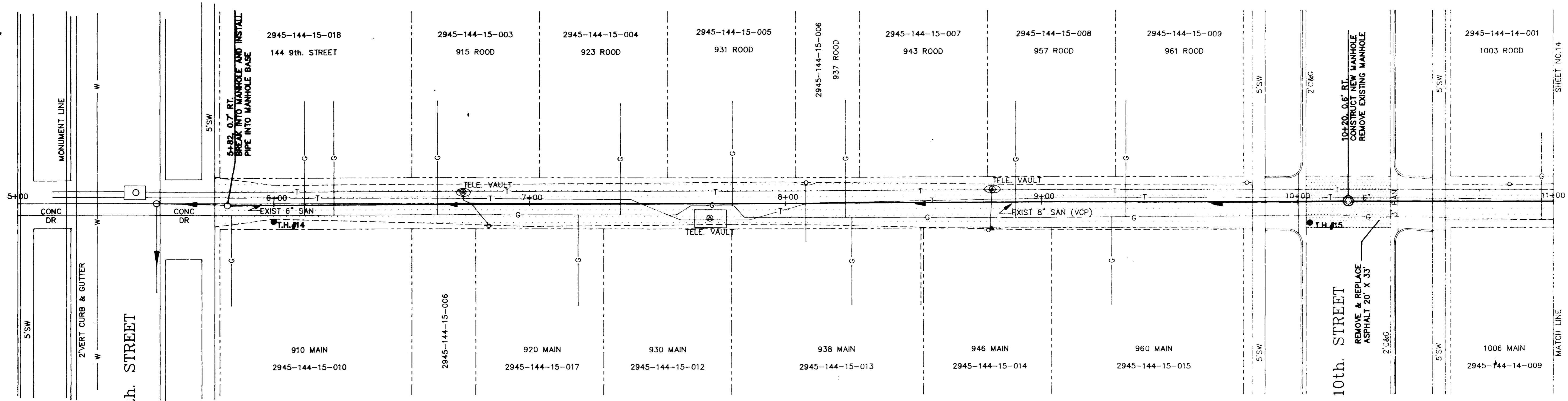
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
 ENGINEERING DIVISION
 CITY OF GRAND JUNCTION, COLORADO

SANITARY SEWER RECONSTRUCTION 1989
 Alley 7th. to 8th. Streets
 Between Belford Avenue & North Avenue

SHEET NO.	11
OF	18
FILE NO.	

SCALE: 1"=20'

ROOD AVENUE

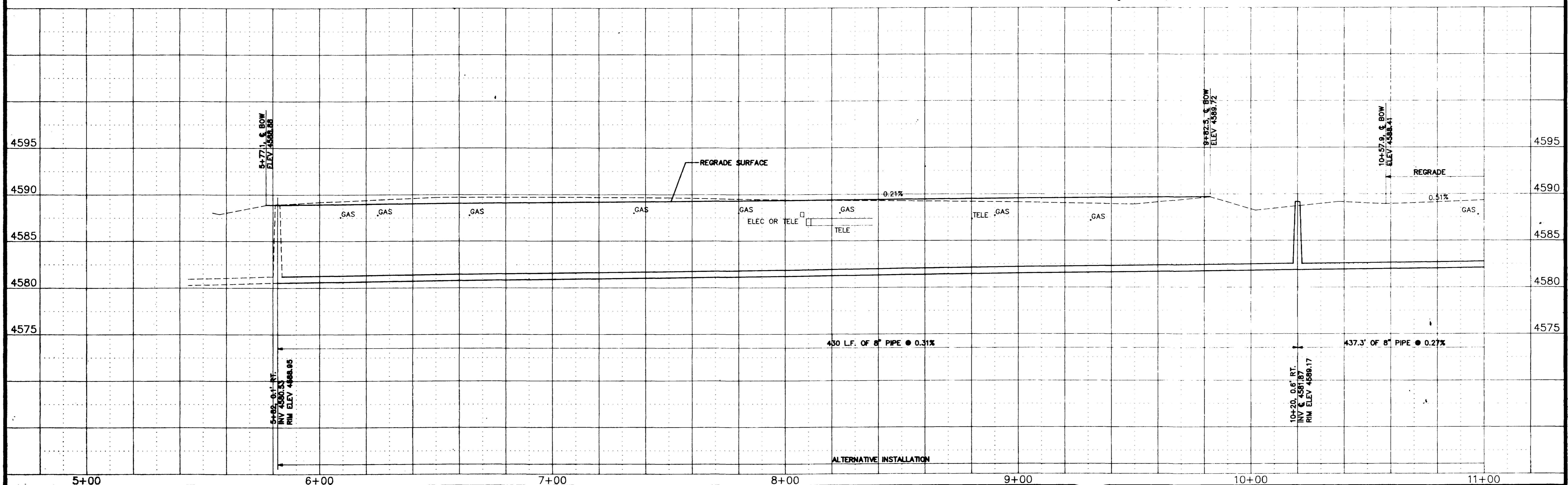


9 th. STREET

10th. STREET

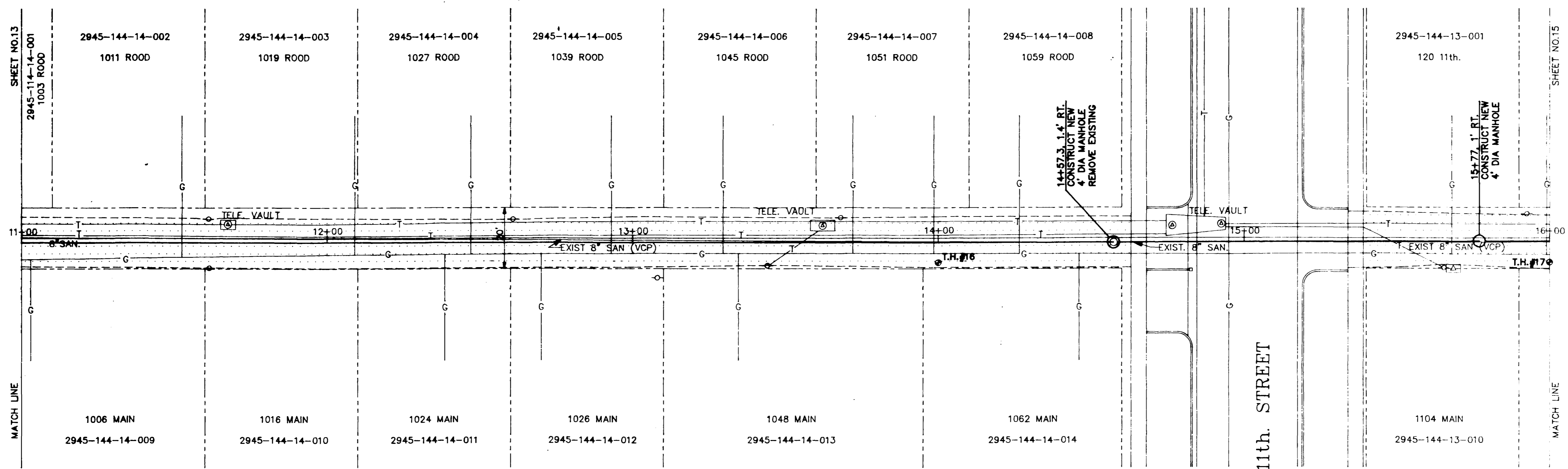
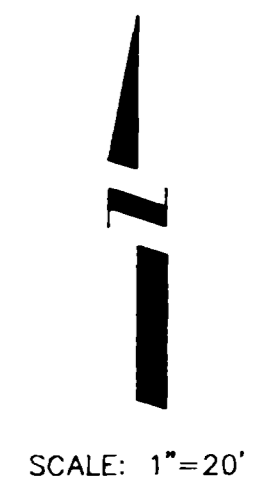
MAIN STREET

NOTE: TAPS WILL HAVE TO BE LOCATED
 REMOVE EXISTING ASPHALT
 BACKFILL NATIVE
 PLACE 12" AGGREGATE BASE COURSE CLASS 6
 TESTHOLES: #14 ● 8+00, 7' RT.
 #15 ● 10+05, 8' RT.



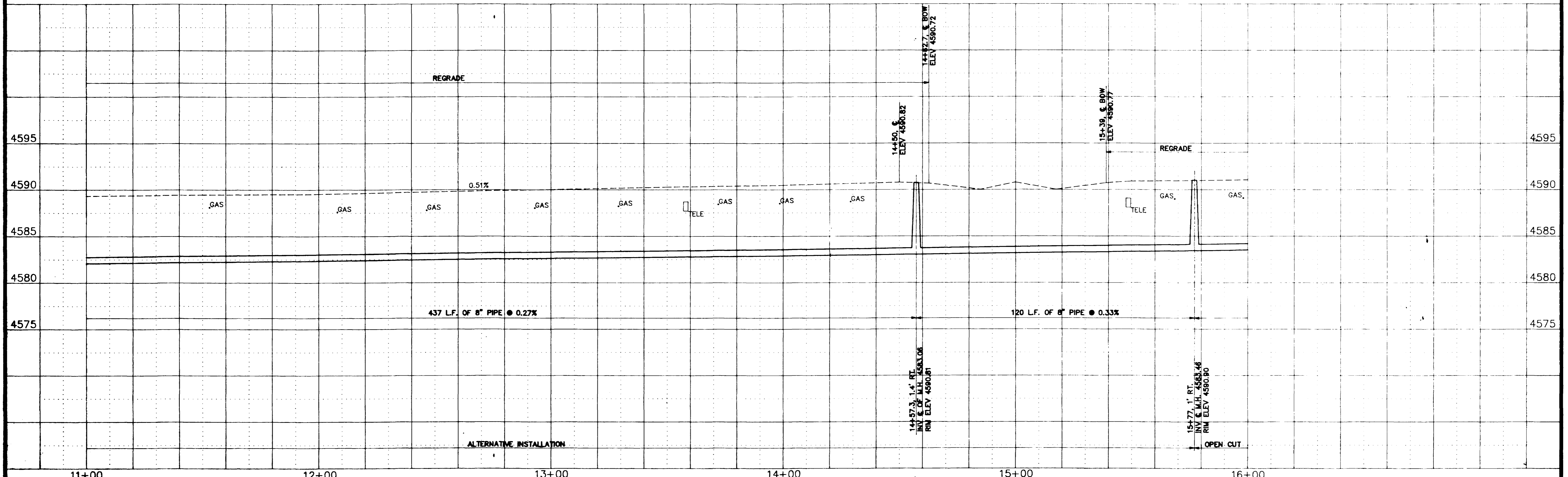
REVISION REVISION REVISION REVISION	DATE DATE DATE DATE	DRAWN BY NOP DATE 8/89 CHECKED BY Lesley DATE 8/89 APPROVED BY JLB DATE 8/89 FILED BOOK NO. _____ PAGE _____	SCALE PLAN 1"=20' PROFILE 1"=20' HORIZ. 1"=20' VERT. 1"=20'	DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO	SANITARY SEWER RECONSTRUCTION 1989 ALLEY BTW. MAIN & ROOD-9th. to 12th. 900 BLOCK PLAN & PROFILE	SHEET NO. 14 OF 18 FILE NO. _____
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ROOD AVENUE



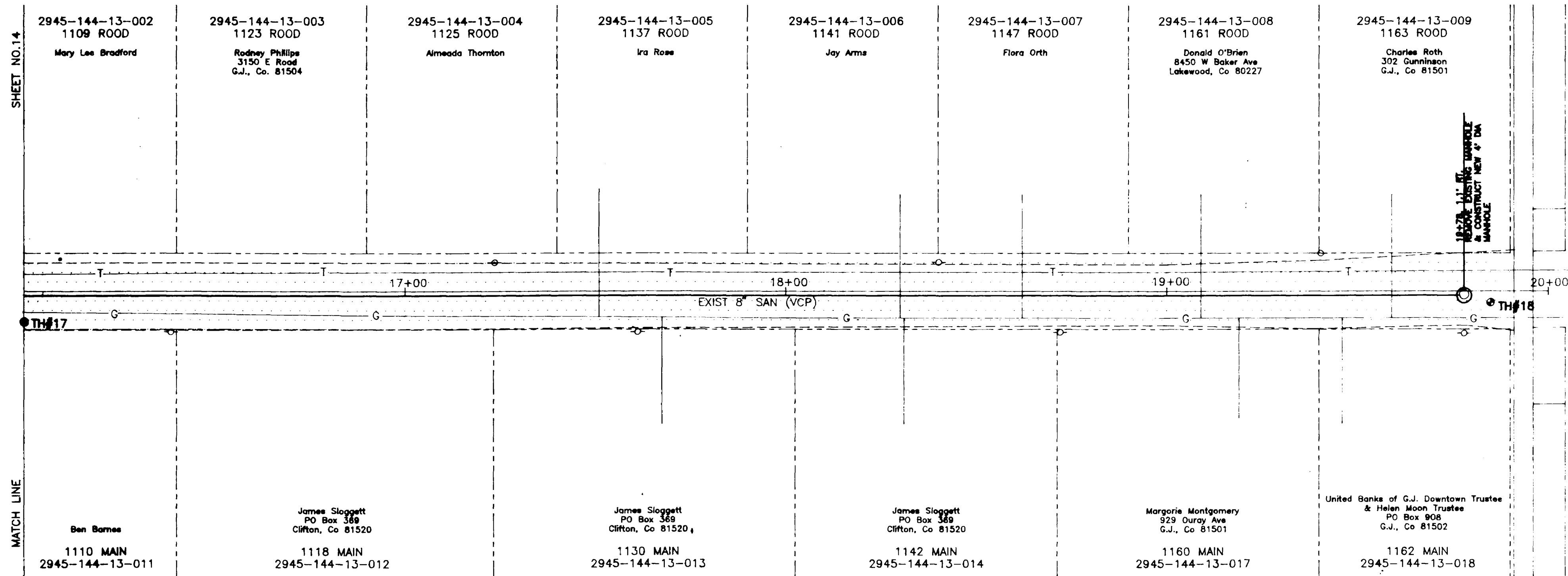
NOTE: TAP LOCATIONS UNKNOWN
 REMOVE EXISTING ASPHALT BACKFILL-NATIVE MATERIAL
 PLACE 12" AGGREGATE BASE COURSE CLASS 6
 TEST HOLES: #16 @ 14+00, 8' RT.
 #17 @ 16+00, 8' RT.

MAIN STREET



REVISION	DATE	DRAWN BY N.O.P. DATE 7/89	SCALE	DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO	SANITARY SEWER RECONSTRUCTION 1989 ALLEY BTW. MAIN & ROOD-9th. 12th. 1000 BLOCK PLAN & PROFILE	SHEET NO. 15
REVISION		CHECKED BY Lesley DATE 7/89	PLAN 1"=20'			OF 18
REVISION		APPROVED BY J.J.B. DATE 7/89	PROFILE 1"=20'			FILE NO.
REVISION		FILED BOOK NO.	VERT. 1"=5'			

ROOD AVENUE



SCALE: 1"=20'

MANHOLE REPAIRS OR REPLACEMENTS

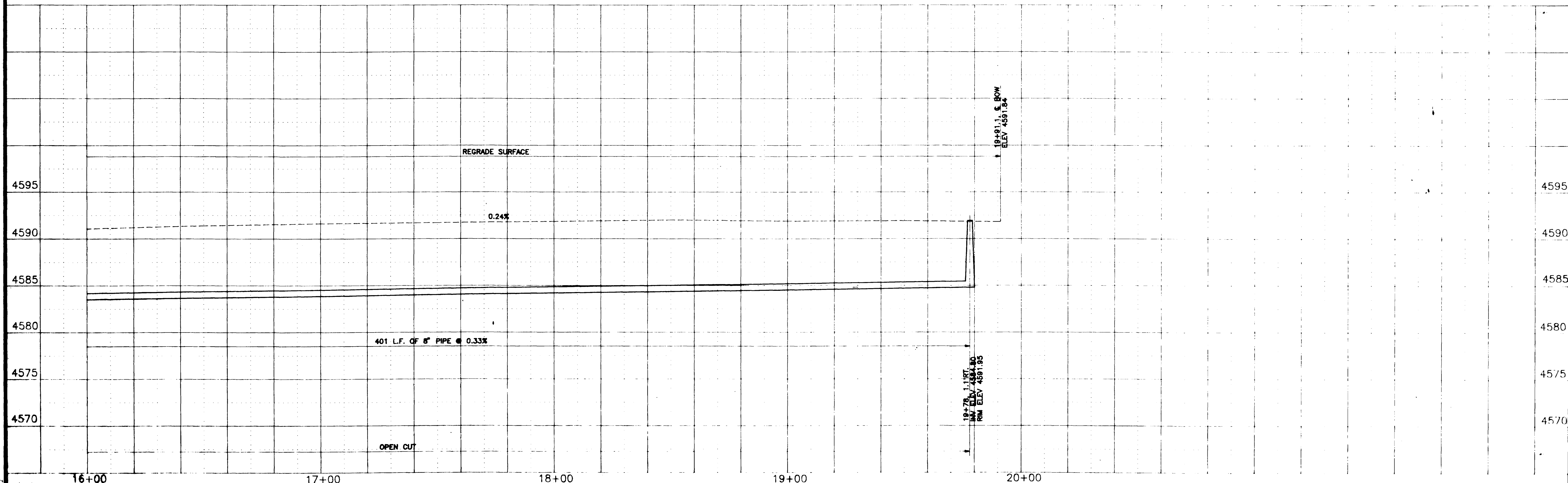
- 1522 Hall - Remove manhole and replace with 20' of 6" PVC. Two 4" service lines will require hook-ups into new line. Manhole is located in alley approximately 60' south of Hall Avenue.
- 6th. Street between Hill and Teller - Replace manhole, approximately 7' deep.
- First manhole east of Sixth between Belford and North Avenue. Re-do manhole base and raise flow line of manhole.
- Belaire Drive and Park Drive - Raise ring and cover on manhole.
- 23rd. Street between North Avenue and Bunting - Replace manhole, approximately 8' deep. High flows from two directions.
- 2445 Hall in alley between Hall and Mesa - Replace manhole and 10' of pipe in each direction. 8" in from north, east and west, 8" or 10" flows out to south.
- 19th. and Orchard - Raise rim and cover on manhole under existing curb and gutter. Top cone of manhole will need to be rotated to get cover out of flow line of gutter.
- 583 Rio Grande Drive - Raise ring and cover 3" to 5". Manhole will be located by sanitation department.

NOTE: TAP LOCATIONS UNKNOWN

TEST HOLES: #17 ● 18+00, 8'RT.
#18 ● 19+85, 8'RT.

REMOVE ASPHALT BACKFILL-NATIVE MATERIAL
PLACE 12" AGGREGATE BASE COURSE CLASS 8

MAIN STREET



REVISION	DESCRIPTION	DATE

DRAWN BY	LESLEY	DATE	7/89
CHECKED BY	JJB	DATE	7/89
APPROVED BY	JJB	DATE	7/89
FILED 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

SANITARY SEWER RECONSTRUCTION 1989
ALLEY BTW. MAIN & ROOD-9th. 12th.
1100 BLOCK PLAN & PROFILE

SHEET No.	16
OF	18
FILE No.	