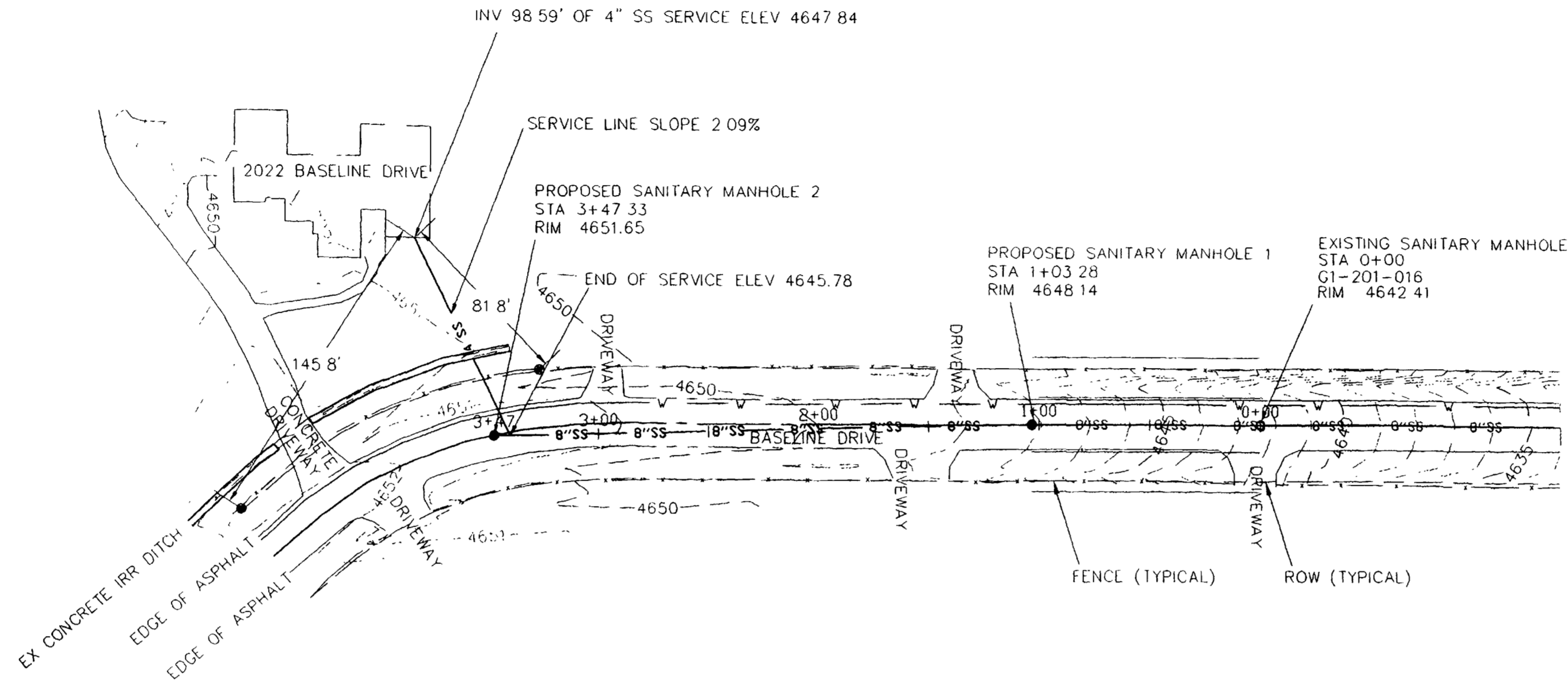


# PLAN AND PROFILE OF EXISTING SEWER LINE EXTENSION

## 2022 BASELINE DRIVE



**PROJECT BENCHMARKS:**

NW CORNER LOT 4, SECTION 15, T11S, R101W, 6TH PM, MESA COUNTY GPS ID No: P028. ELEVATION (NAVD88) 4647.96 N: 50028.8 E: 59073.0

NE CORNER LOT 4, SECTION 15, T11S, R101W, 6TH PM N: 50028.2 E: 59300.2

**NOTES:**

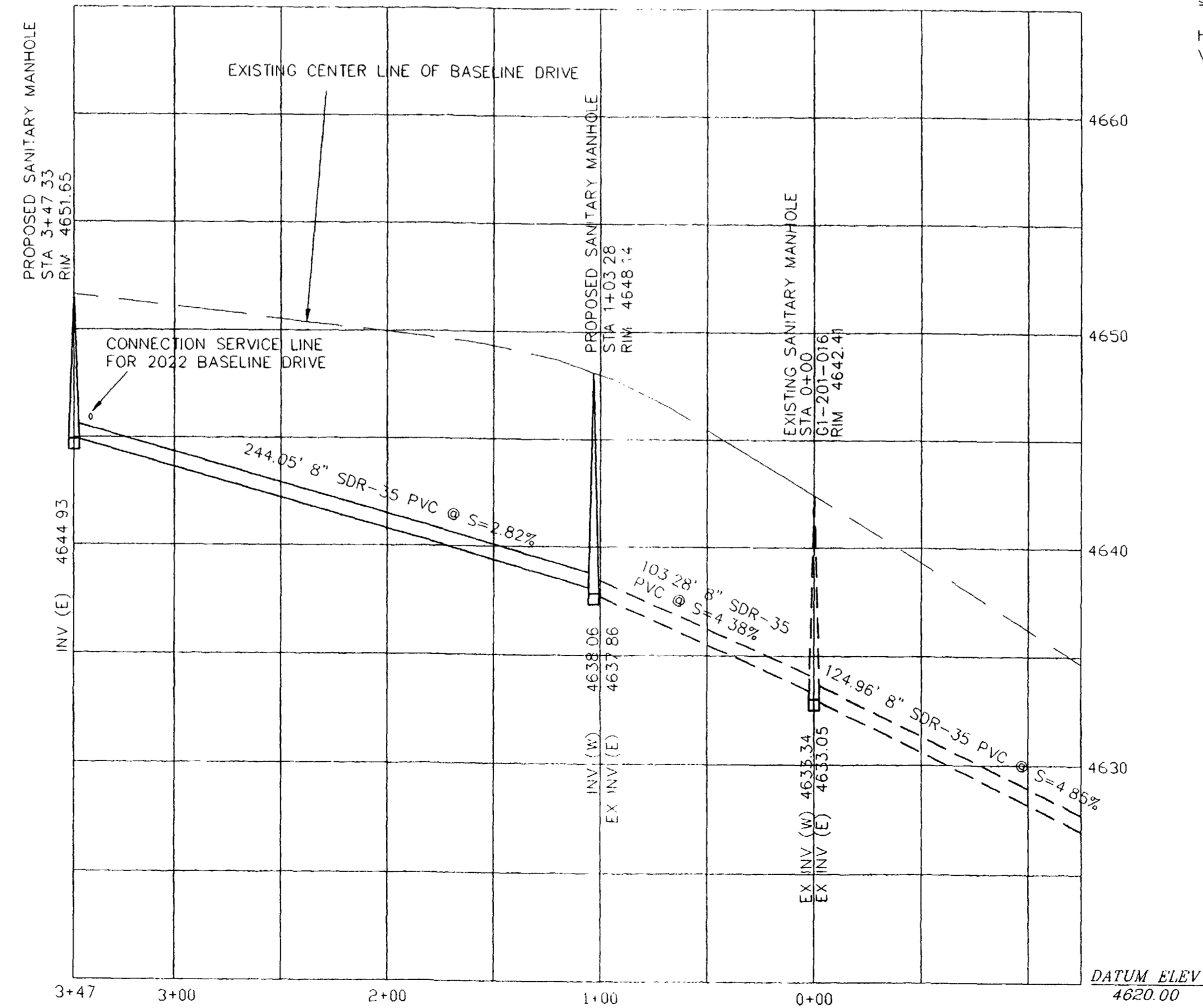
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF GRAND JUNCTION'S STANDARD CONTRACT DOCUMENTS FOR CAPITAL IMPROVEMENTS CONSTRUCTION REVISED AUGUST 2005.
- ALL STATIONING ON THIS SHEET APPLIES TO SANITARY SEWER LINES AND SERVICES.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE BY CONVENTIONAL TRENCHING AND PIPE LAYING. TRENCH BACKFILL, SUBGRADE, BASE, AND PAVEMENT UNLESS OTHERWISE STATED.
- WHERE COMPACTED FILL IS REQUIRED TO THE STREET SUBGRADE ELEVATION, ALL FILL SHALL BE COMPACTED TO 95% RELATIVE DENSITY PRIOR TO TRENCHING AND INSTALLATION OF THE SANITARY SEWER.
- MANHOLE RIMS AND WATER VALVE COVERS SHALL MATCH FINISHED GRADES.
- MINIMUM SEWER SERVICE LINE SHALL BE 4" DIAMETER PVC AT 2.09% GRADE.
- MINIMUM COVER OVER SEWER SERVICE LINE SHALL BE 3'.
- A MINIMUM SEPARATION OF 10 FEET IS REQUIRED FOR WATER AND SEWER LINES. IF THEY ARE CLOSER THAN 10 FEET, ENCASEMENT IS REQUIRED.
- SERVICE LINE MARKERS AND ENDPOINT LOCATIONS SHALL BE SHOWN.
- BOUNDARY AND EXISTING CONTOURS ARE BASED ON SURVEY INFORMATION FROM POLARIS SURVEYING, 2006.
- CITY PUBLIC WORKS PERMIT IS REQUIRED FOR ALL WORK WITHIN ROAD RIGHT OF WAYS.
- WHEN WATER AND SEWER LINES CROSS, THE WATER LINE SHALL BE A MINIMUM OF 12" BELOW THE SEWER LINE.
- CONTRACTOR TO RESTORE EXISTING LANDSCAPING AND FEATURES TO EXISTING CONDITIONS.
- ASPHALT REPLACEMENT SHOULD BE LIMITED TO TWO FEET ON EITHER SIDE OF THE PROPOSED SEWER LINE.
- CONTRACTOR TO REPLACE ASPHALT AND CLASS 6 ROADBASE AT THE EXISTING THICKNESS OF BASELINE DRIVE.

**SYMBOLS:**

- CORNER OF PROPERTY ●
- ASPHALT REPLACEMENT ■

**ABBREVIATIONS:**

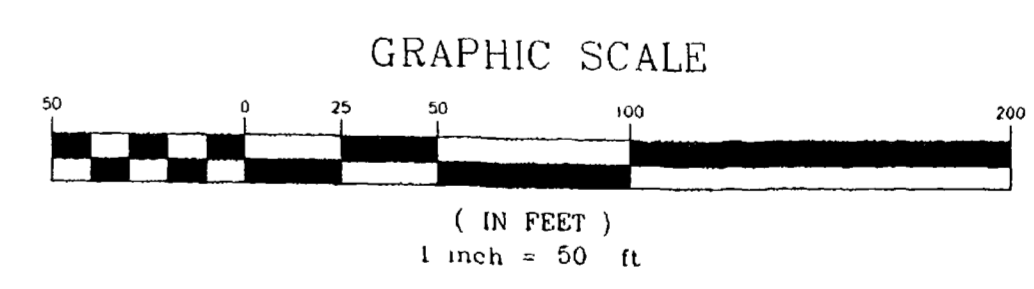
- ELEVATION ELEV
- INVERT INV
- STATION STA
- RIGHT OF WAY ROW
- MANHOLE MH
- IRRIGATION IRR
- SANITARY SEWER SS



**SCALE:**  
 HORIZONTAL 1" = 50'  
 VERTICAL 1" = 5'

**COORDINATES:**

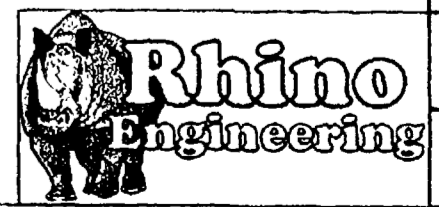
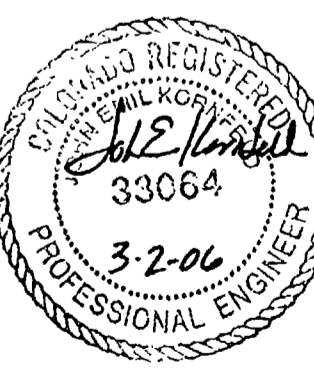
MANHOLE	N	E
EXISTING MH	50053.77	59176.33
PROPOSED MH 1	50054.04	59073.05
PROPOSED MH 2	50047.37	58829.09



REVISION	DATE	DESCRIPTION	BY	CHK
1	3-1-06	MOVE SEWER LINE, ADD NOTE	BMV	JK

SEWER PLAN AND PROFILE  
 2022 BASELINE DRIVE  
 GRAND JUNCTION, COLORADO

**RHINO ENGINEERING, INC.**  
 1229 N 23RD ST SUITE 201  
 GRAND JUNCTION, CO 81501  
 970.241.6027 fax 970.256.7992

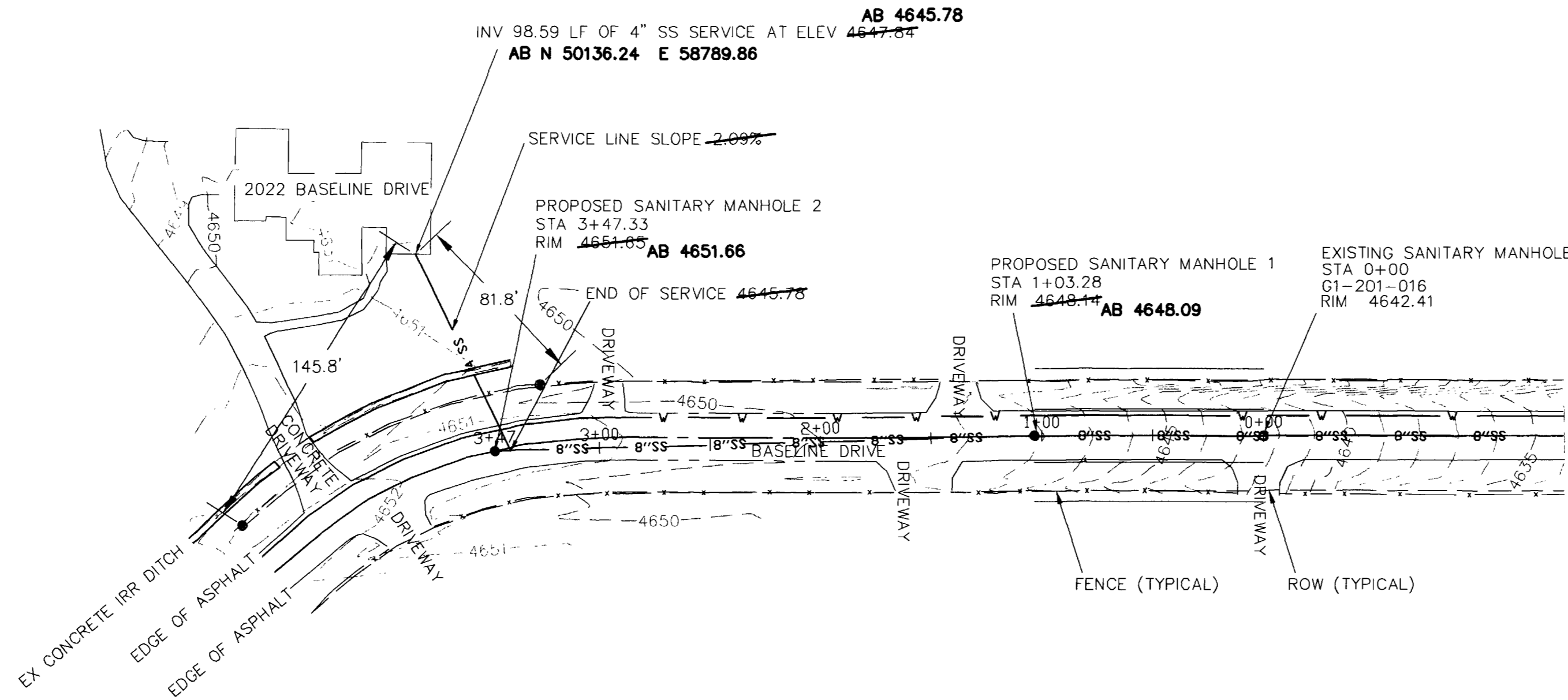


ACCEPTED FOR CONSTRUCTION FOR ONE YEAR FROM THIS DATE  
 CITY OF GRAND JUNCTION PUBLIC WORKS DATE

PREPARED BY: BMV	DATE 2-08-06
REVIEWED BY: JEK	SCALE 1" = 50'
PROJECT NO 25174.02	SHEET NO 1

ACCEPTED AS CONSTRUCTED  
 CITY OF GRAND JUNCTION PUBLIC WORKS DATE

# PLAN AND PROFILE OF EXISTING SEWER LINE EXTENSION 2022 BASELINE DRIVE



**PROJECT BENCHMARKS:**

NW CORNER LOT 4, SECTION 15, T11S, R101W, 6TH PM MESA COUNTY GPS ID No: <del>P028</del> AB P208 ELEVATION (NAVD88) 4647.96 N: 50028.8 E: 59073.0	NE CORNER LOT 4, SECTION 15, T11S, R101W, 6TH PM N: 50028.2 E: 59300.2
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**NOTES:**

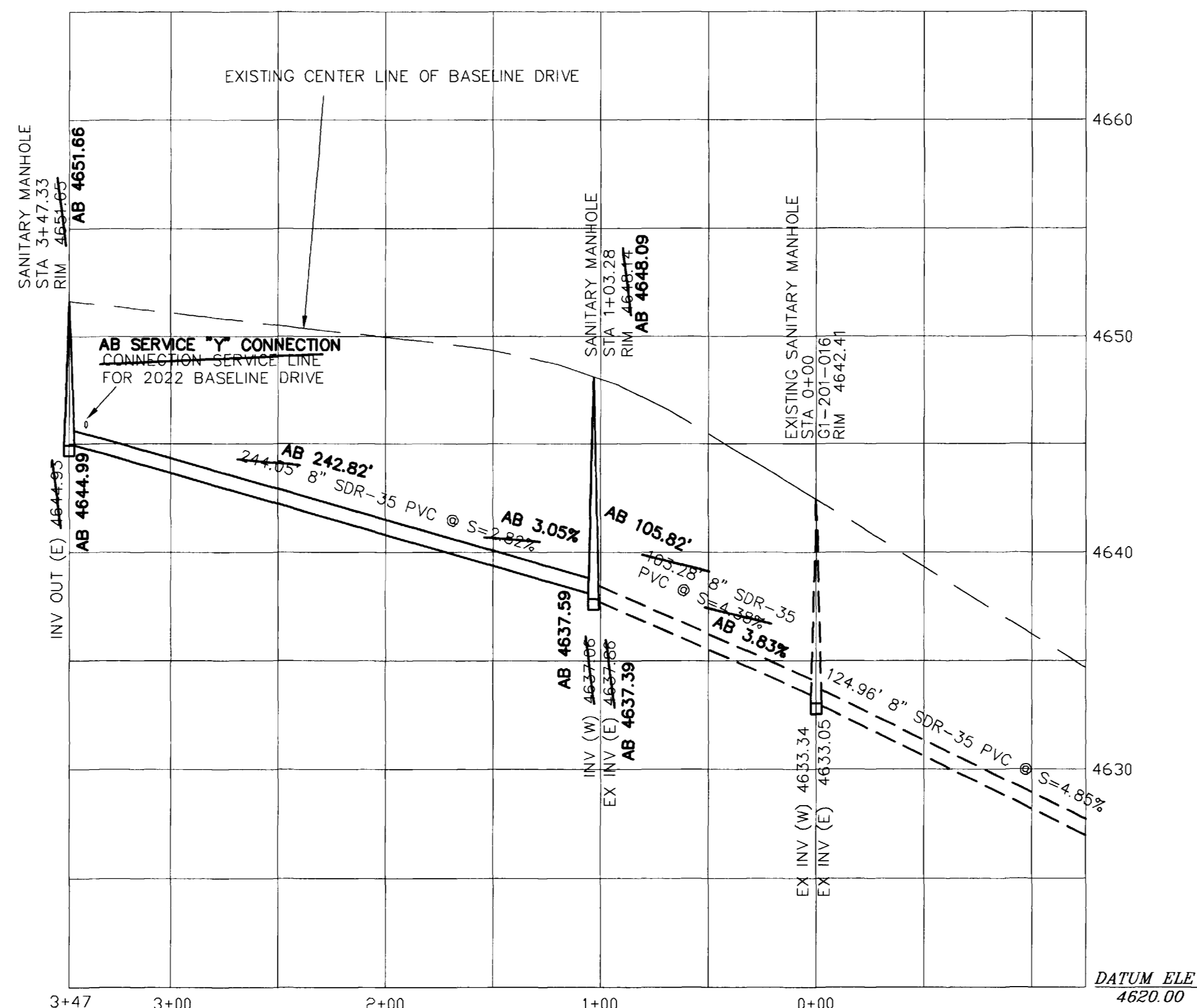
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**SYMBOLS:**

- CORNER OF PROPERTY ●
- ASPHALT REPLACEMENT ■

**ABBREVIATIONS:**

- |                |      |
|----------------|------|
| ELEVATION      | ELEV |
| INVERT         | INV  |
| STATION        | STA  |
| RIGHT OF WAY   | ROW  |
| MANHOLE        | MH   |
| IRRIGATION     | IRR  |
| SANITARY SEWER | SS   |

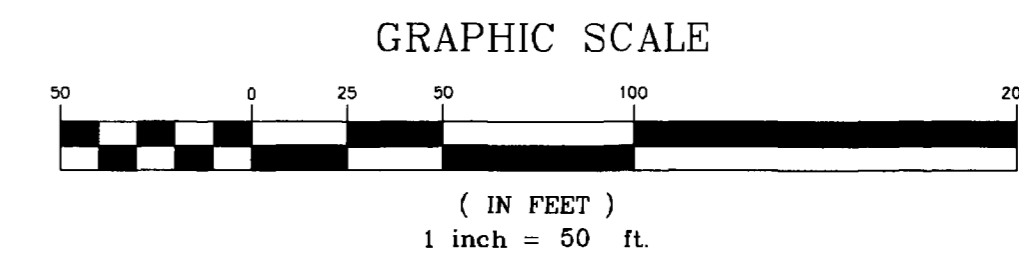


**SCALE:**

HORIZONTAL 1" = 50'  
VERTICAL 1" = 5'

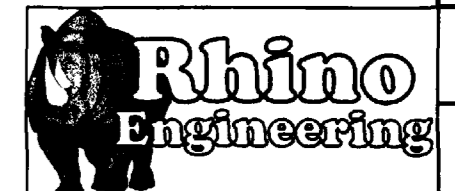
**COORDINATES:**

MANHOLE	N	E	N	E
EXISTING MH 1	50053.77	59176.33	50054.62	59070.51
PROPOSED MH 1	50054.04	59073.05	AB 50054.62	59070.51
PROPOSED MH 2	50047.37	58829.09	AB 50047.78	58827.78



**AS-BUILT SEWER PLAN**

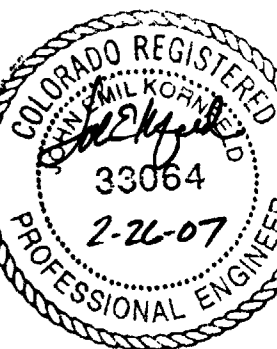
FIELD SURVEY DATE FEBRUARY 26, 2007



ACCEPTED FOR CONSTRUCTION FOR ONE YEAR FROM THIS DATE	DATE	2-08-06
CITY OF GRAND JUNCTION PUBLIC WORKS	DATE	SCALE
ACCEPTED AS CONSTRUCTED	DATE	1" = 50'
		PROJECT NO
		25174.02
		SHEET NO
		1

SEWER PLAN AND PROFILE  
2022 BASELINE DRIVE  
GRAND JUNCTION, COLORADO

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PREPARED BY: BMV

REVIEWED BY: JEK

DATE

2-08-06

SCALE

1" = 50'

PROJECT NO

25174.02

SHEET NO

1