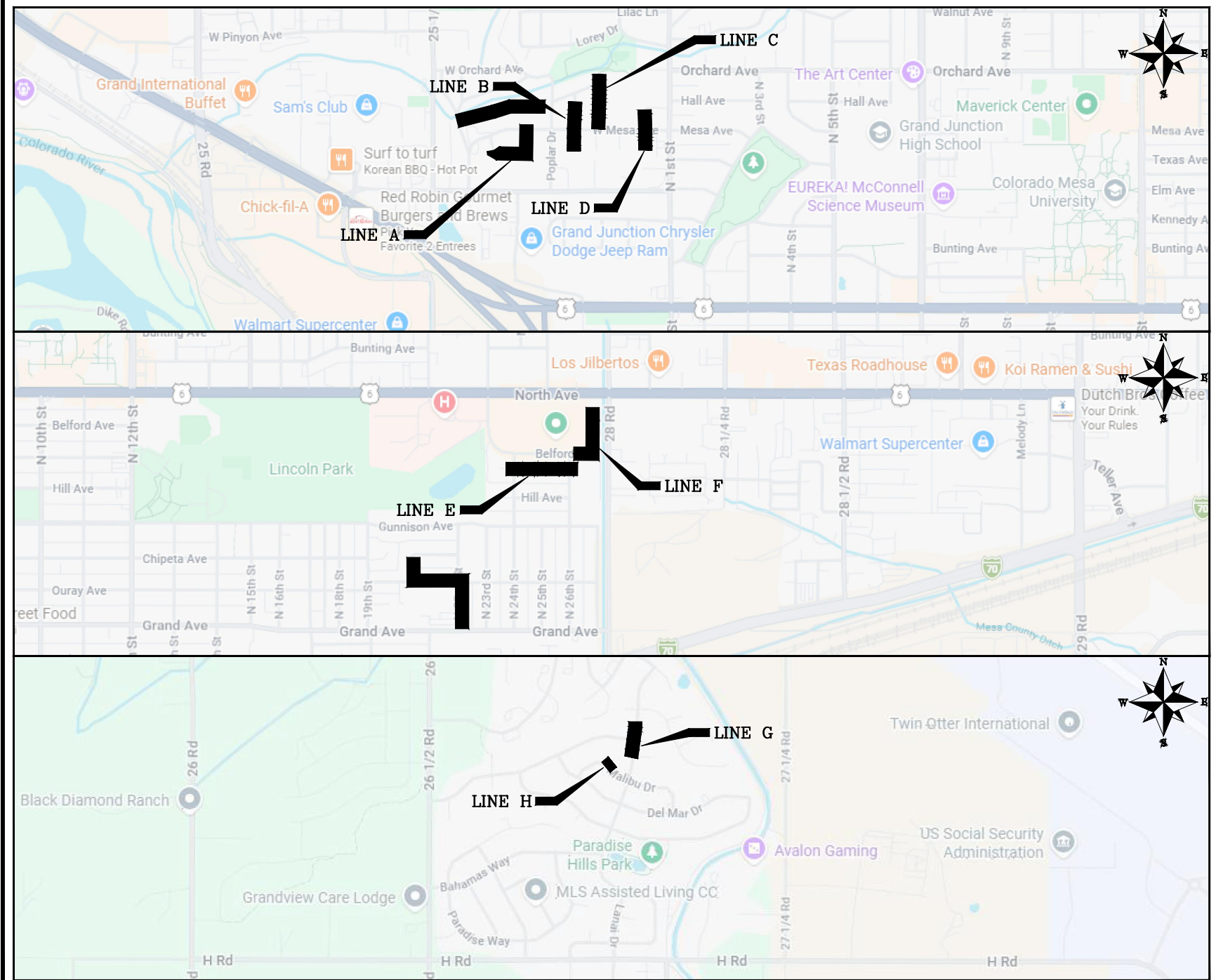


# CITY OF GRAND JUNCTION

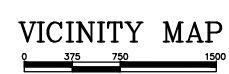
## 2026 SEWER LINE REPLACEMENT PHASE II

### June 15, 2026



SHEET INDEX

- 1 COVER SHEET
- 2 STANDARD ABBREVIATIONS LEGENDS AND SYMBOLS
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- 8-10 LINE B MAPLE ST
- 11-13 LINE C JUNIPER ST
- 14-15 LINE D SPRUCE CT
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- 20-22 LINE F BELFORD AVE
- 23-24 LINE G LANAI DR
- 25 LINE H MALIBU CT



## Engineering and Transportation Department

NOTE: NOTIFY AFFECTED UTILITY VENDOR 48 HOURS PRIOR TO EXCAVATIONS THAT WILL EXPOSE UTILITY LINES. THE COVER SHEET WILL HAVE A LISTING OF UTILITY VENDORS AND TELEPHONE NUMBERS.

REVISION	DESCRIPTION	DATE
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**Know what's below.  
Call before you dig.**

# ABBREVIATIONS

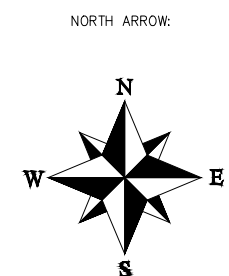
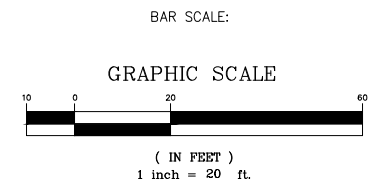
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS
ABC	AGGREGATE BASE COURSE
AC	ASBESTOS CEMENT
AP	ANGLE POINT
ASB	ANCHORED STRAW BALES
ASP	ALUMINIZED STEEL PIPE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
BC	BACK OF CURB
BF	BUTTERFLY VALVE
BOW	BACK OF WALK
BCR	BEGIN CURB RETURN
BOT	BOTTOM
BSWMP	BETTER STORM WATER MANAGEMENT PRACTICES
CH	CHORD
CAP	CORRUGATED ALUMINUM PIPE
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
C.G.& SW	CURB, GUTTER & SIDEWALK
CL	CENTER LINE
CL	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMB	COMBINATION (AS IN STORM SEWER AND SANITARY SEWER)
CONC	CONCRETE
CSM	CITY SURVEY MONUMENT
CSP	CORRUGATED STEEL PIPE
CU	COPPER
DI	DUCTILE IRON
DWY	DRIVEWAY
E	ELECTRIC
ECR	END CURB RETURN
EG	EDGE OF GUTTER
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
FB	FULL BODY
FC	FACE OF CURB
FG	FINISHED GRADE
FL	FLOW LINE
FL	FLANGE
FM	FORCE MAIN
FO	FIBER OPTICS
FS	FAR SIDE
FTG	FOOTING
G	GAS
GB	GRADE BREAK
GM	GAS METER
GV	GATE VALVE
HBP	HOT BITUMINOUS PAVEMENT
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
IRR	IRRIGATION
L	LENGTH OF ARC
LC	LONG CHORD
LF	LINEAR FEET
LL	LONG ARC
LS	SHORT ARC
LT	LEFT
MB	MAILBOX
MCSM	MESA COUNTY SURVEY MONUMENT
MH	MANHOLE
MJ	MECHANICAL JOINT
MW	MILL WRAP
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOP	NO ONE PERSON
NRCP	NON-REINFORCED CONCRETE PIPE
NS	NEAR SIDE
NTS	NOT TO SCALE
OHP	OVERHEAD POWER
OHT	OVERHEAD TELEPHONE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	POLYETHYLENE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PIP	PLASTIC IRRIGATION PIPE
POC	POINT ON CURVE
POT	POINT ON TANGENT
PR	PROPOSED
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RG	RESTRAINED GLANDS
RL	LONG RADIUS
ROW	RIGHT OF WAY
RP	RADIUS POINT
RR	RAIL ROAD
RS	SHORT RADIUS
RT	RIGHT
S	SLOPE
SAN	SANITARY
SC	SHORT CHORD
SCD	STANDARD CONTRACT DOCUMENTS
SCH	SCHEDULE
SF	SILT FENCE
SL	SECTION LINE
SSRB	STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION
SSUU	STANDARD SPECIFICATIONS FOR CONSTRUCTION OF UNDERGROUND UTILITIES
STA	STATION
STL	STEEL
STM	STORM
T	TELEPHONE
TAN	LENGTH OF TANGENT
TC	TOP OF CURB
TH	TEST HOLE
TV	TELEVISION
(TYP)	TYPICAL
UU	UNDERGROUND UTILITIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VPC	VERTICAL POINT OF CURVATURE
VPCC	VERTICAL POINT OF COMPOUND CURVATURE
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WATER

# LEGEND

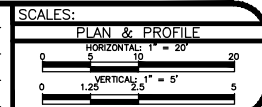
BSWMP	PROPOSED CONCRETE DRAINAGE BASIN BOUNDARY		PROPOSED CONCRETE CURB AND GUTTER	
BSWMP	ANCHORED STRAW BALES		PROPOSED CONCRETE CURB, GUTTER, & SIDEWALK	
BSWMP	SILT FENCE		PROPOSED CONCRETE SIDEWALK	
BUILDING			PROPOSED "WET" UTILITIES (CONSTRUCTION NOTE WILL INDICATE TYPE, SIZE, AND MATERIAL OF NEW MAIN)	
CONCRETE CURB AND GUTTER			ALL PROPOSED FEATURES NOT SHOWN IN LEGEND WILL BE SHOWN THE SAME AS THEIR EXISTING COUNTERPART, BUT INDICATED BY BOLDER LINETYPE	
CONCRETE CURB, GUTTER, & SIDEWALK			RAIL ROAD	
CONCRETE DITCH			RETAINING WALL	
CONCRETE SIDEWALK			STRIPING (CONTINUOUS WHITE)	
CULVERT			STRIPING (DASHED WHITE)	
EARTH DITCH			STRIPING (CONTINUOUS YELLOW)	
EDGE OF GRAVEL			STRIPING (DASHED YELLOW)	
EDGE OF PAVEMENT			TOP OF SLOPE	
FENCE (HT & MATL NOTED)			CONTOUR LINES (SHOWN BETWEEN TOP & TOE)	
GUARD RAIL			TOE OF SLOPE	
HATCHING: INDICATES ASPHALT REMOVAL			TRAFFIC DETECTOR LOOP	
HATCHING: INDICATES CONCRETE REMOVAL			UTILITY LINE (ABANDON) (THIS CASE A WATER LINE)	
HATCHING: INDICATES STAGING AREA			UTILITY LINE (CABLE TV)	
LINE (CENTER OF IMPROVEMENTS)			UTILITY LINE (ELECTRIC)	
LINE (CITY LIMITS)			UTILITY LINE (FIBER OPTIC)	
LINE (CONTROL)			UTILITY LINE (GAS)	
LINE (EASEMENT)			UTILITY LINE (HIGH VOLTAGE OVERHEAD POWER)	
LINE (MONUMENT/SECTION)			UTILITY LINE (OVERHEAD POWER)	
LINE (PROPERTY)			UTILITY LINE (OVERHEAD TELEPHONE)	
LINE (RIGHT OF WAY)			UTILITY LINE (SANITARY SEWER)	
MATCH LINE			UTILITY LINE (SANITARY SEWER FORCE MAIN)	
PIPE (IRRIGATION)			UTILITY LINE (SANITARY SEWER SERVICE)	
PIPE (SIPHON)			UTILITY LINE (STORM SEWER)	
			UTILITY LINE (STORM SEWER, PERFORATED)	
			UTILITY LINE (STORM/SANITARY SEWER SEWER COMBINATION)	
			UTILITY LINE (TELEPHONE)	
			UTILITY LINE (WATER)	

# SYMBOLS

BENCH MARK	
CATCH BASIN	
CLEAN OUT	
CURB STOP	
FIRE HYDRANT	
GUY WIRE ANCHOR	
HEADGATE	
IRRIGATION PUMP	
MAILBOX	
MANHOLE (ELECTRIC)	
MANHOLE (GAS)	
MANHOLE (SANITARY/STORM)	
MANHOLE (TELEPHONE)	
MANHOLE (WATER)	
METER (GAS)	
METER (WATER)	
PEDESTAL (TELEPHONE)	
PEDESTAL (TV)	
PROPERTY PIN	
PULL BOX	
REDUCER FITTING	
SIGN OR POST (SIGN TYPE NOTED)	
SPRINKLER HEAD	
STREET LIGHT	
SURVEY MONUMENT (CITY)	
SURVEY MONUMENT (TYPE NOTED)	
TEST HOLE	
TRAFFIC PAINT MARKING	
TRAFFIC SIGNAL POLE AND MAST ARM	
UTILITY POLE	
VALVE (GAS)	
VALVE (IRRIGATION)	
VALVE (WATER)	
VEGETATION (HEDGE OR BUSH)	
VEGETATION (TREE STUMP)	
VEGETATION (TREE) (CALIPER SIZE NOTED)	
WATER HYDRANT	
WEIR	
YARD LIGHT	



REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2026
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REVISION			CHECKED BY	ES	DATE	2026
REVISION			APPROVED BY	ES	DATE	2026



ENGINEERING AND TRANSPORTATION DEPARTMENT  
PROJECT NO. C1087

2026 SEWER LINE REPLACEMENT PHASE II  
STANDARD ABBREVIATIONS LEGENDS AND SYMBOLS  
June 15, 2026

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**Bid Schedule: Enter Project Name**

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	104.2	Install 2-Way Sanitary Sewer Service Cleanout (STD. Detail SS-07). Includes Cleanout Ring and Cover and Concrete Collar In Unpaved Area.	2	EA	\$ _____	\$ _____
2	108.2	Gravity Sewer Pipe Ø4" PVC, SDR-35, includes haunching & bedding material and native material for backfill	2,222	LF		
3	108.2	Gravity Sewer Pipe Ø6" PVC, SDR-35, includes haunching & bedding material and native material for backfill	104	LF		
4	108.2	Gravity Sewer Pipe Ø8" PVC, SDR-35, includes haunching & bedding material and native material for backfill	5,583	LF	\$ _____	\$ _____
5	108.2	Gravity Sewer Pipe Ø10" PVC, SDR-35, includes haunching & bedding material and native material for backfill	50	LF	\$ _____	\$ _____
6	108.3	Sewer Service Tap 8" x 4" Full body WYE	93	EA	\$ _____	\$ _____
7	108.3	Sewer Service Tap 8" x 6" Full body WYE	5	EA		
8	108.5	Sanitary Sewer Basic Manhole Ø48" I.D.	35	EA	\$ _____	\$ _____
9	108	Sanitary Sewer CastInPlace Manhole Ø48" I.D.	2	EA	\$ _____	\$ _____
11	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6	EA	\$ _____	\$ _____
12	202	Removal of Manhole	35	EA		
13	210	Reset Mailbox	10	EA		
14	210	Reset Landscape Ground Cover (Match in Kind) (Contractor shall remove ground cover and underlying weed barrier as	83.99	SY	\$ _____	\$ _____
15	210	Reset Fence (6' High Chain-Link w/ Barbed Wire Top)	8	LF	\$ _____	\$ _____
16	304	Aggregate Base Course (Class 6) (8" thick)	5,266.5	SY	\$ _____	\$ _____

17.	304	Washed Rock Surface Course for Gravel Driveways. Match Existing Type. Thickness is 2" Min. and 3" Max.	193.54	SY	\$ _____	\$ _____
18.		Chip and Seal Asphalt Road	643	SY		
19.	401	Hot Bituminous Pavement, Patching, 4" Thick Bottom Lift, Grading SX, PG64-22, GYR.=75, two - 2" lifts	5,174.65	SY	\$ _____	\$ _____
20.	401	Hot Bituminous Pavement (2" Thick) (Grading SX, Binder Grade PG 64-22)	412.97			
21.	608	Concrete Curb and Gutter (2' Wide) (Match in Kind) (City Std. Detail C-05)	67	LF	\$ _____	\$ _____
22.	608	Concrete Drive Over Curb and Gutter (2'-6" Wide) (Match in Kind) (City Std. Detail C-04)	8	LF		
23.	608	Concrete Curb, Gutter, & Sidewalk (6' Wide) (Match in Kind) (City Std. Detail C-02)	413.09	LF	\$ _____	\$ _____
24.	608	Concrete Drainage Pan (6' Wide x 8" Thick) (Match in Kind) (Includes #5 rebar tie-bars)	65.98	LF	\$ _____	\$ _____
25.	608	Concrete Driveway Section (6" Thick) (Residential)	53.42	LF	\$ _____	\$ _____
26.	608	Concrete Road Section	33.11		\$ _____	\$ _____
27.	608	Concrete Curb (6" Wide, 6" High)	7.3		\$ _____	\$ _____
28.		Dye Testing	20	HRS	\$ _____	\$ _____
29.	625	Construction Surveying (Includes As-Built Drawings)	1	LS	\$ _____	\$ _____
30.		Erosion Control	1	LS	\$ _____	\$ _____
31.	626	Mobilization	1	LS	\$ _____	\$ _____
32.	630	Traffic Control Plan	1	LS	\$ _____	\$ _____
33.	630	Traffic Control (Complete in Place)	1	LS	\$ _____	\$ _____
34.	630	Flagging	1	LS	\$ _____	\$ _____
		Minor Contract Revisions	---	---	---	\$ 200,000.00
		Prompt Payment Discount				
					<b>Bid Amount:</b>	<b>\$ _____</b>
<b>Bid Amount:</b>						<b>dollars</b>

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2026
REVISION			DESIGNED BY	HMC	DATE	2026
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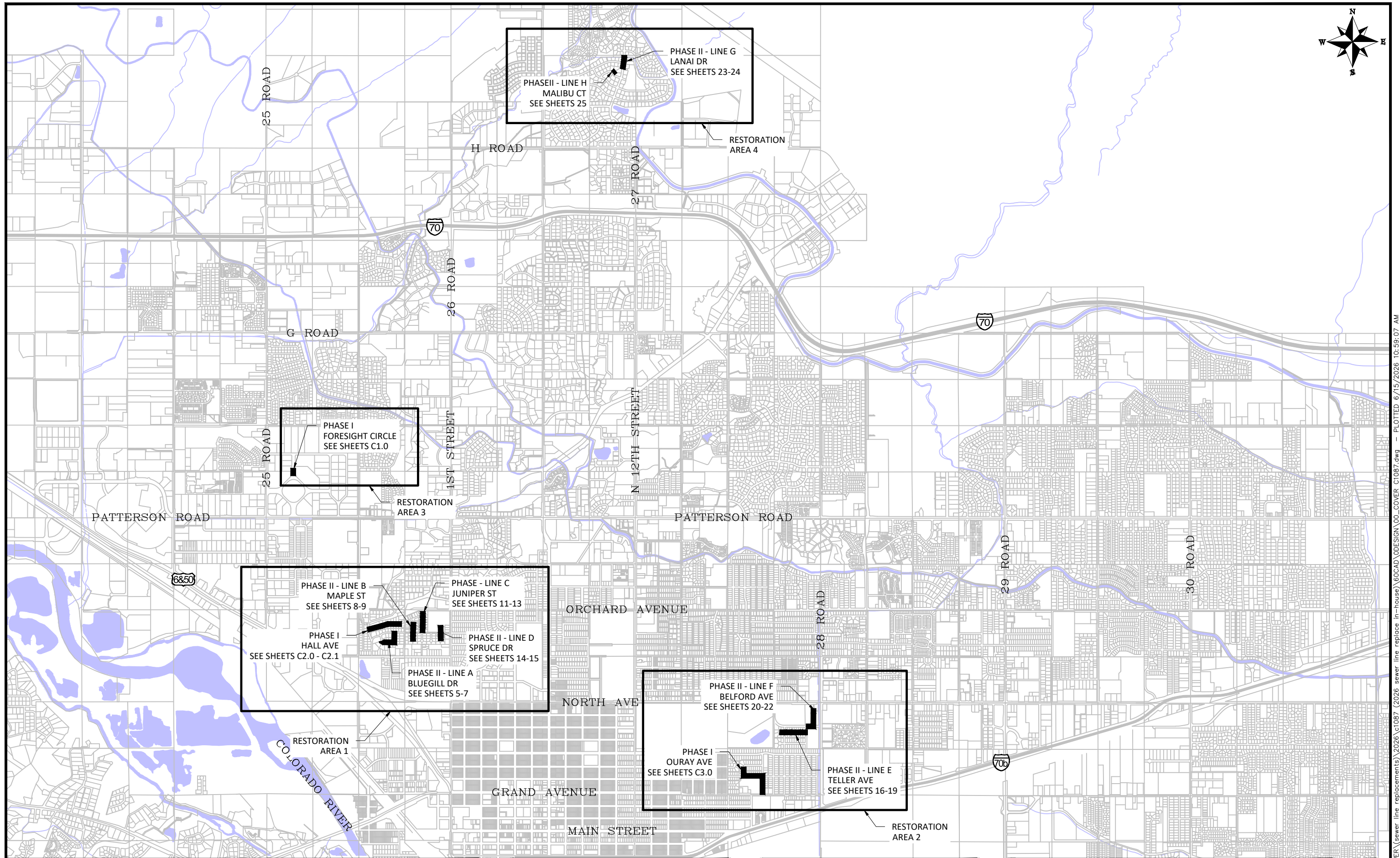
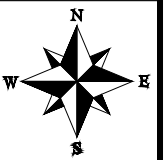
SCALES:
PLAN & PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'



**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

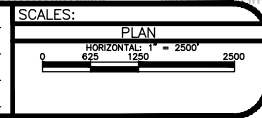
**2026 SEWER LINE REPLACEMENT PHASE II SUMMARY OF APPROXIMATE QUANTITIES - 1**  
June 15, 2026

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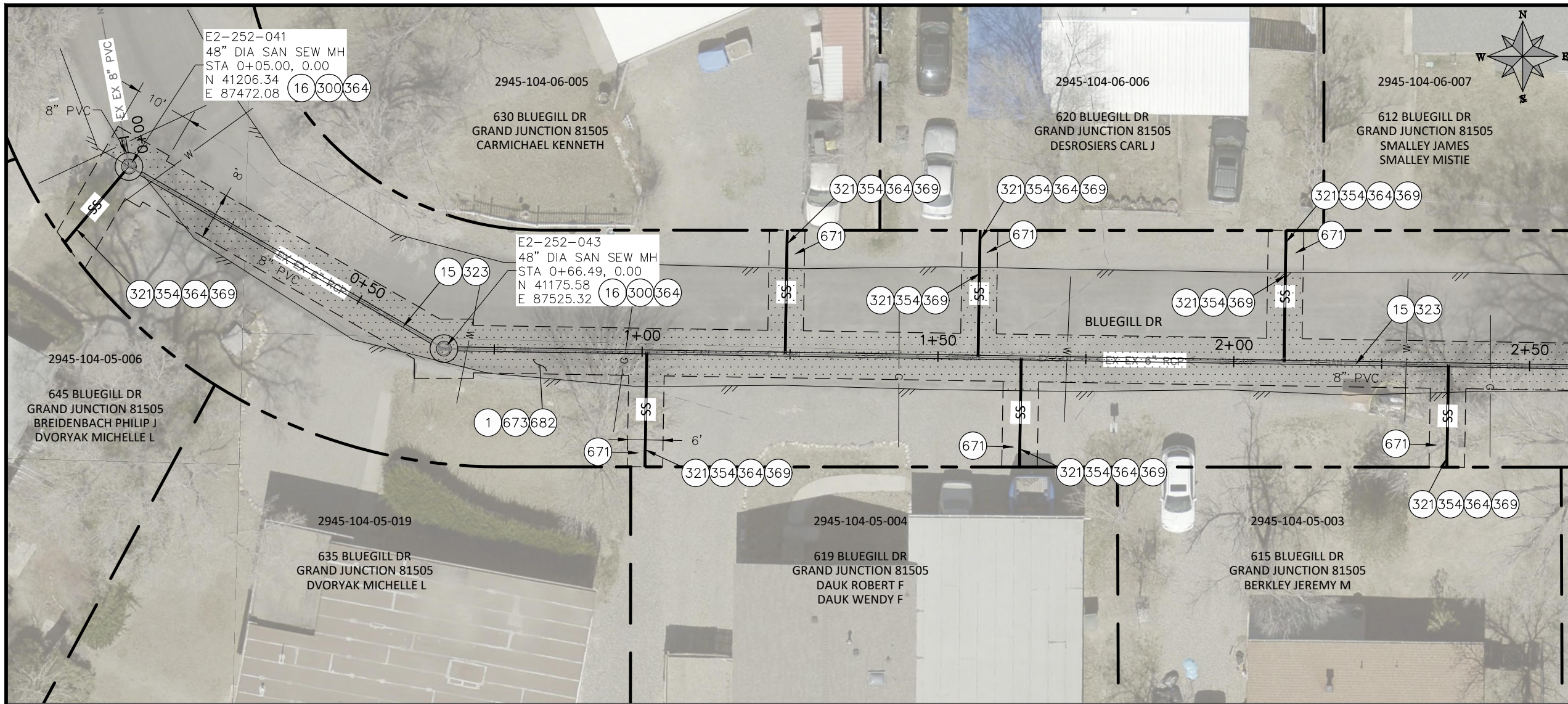
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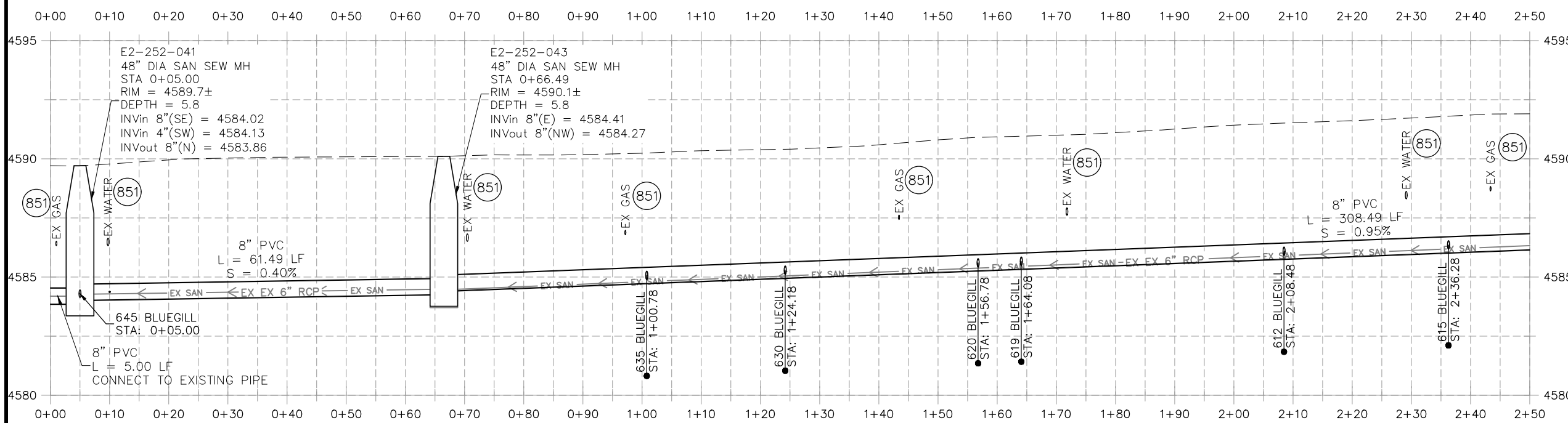
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II OVERALL SANITARY SEWER KEYMAP**  
June 15, 2026

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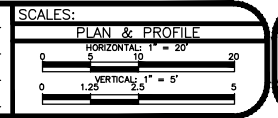
- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
  - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
  - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 671 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

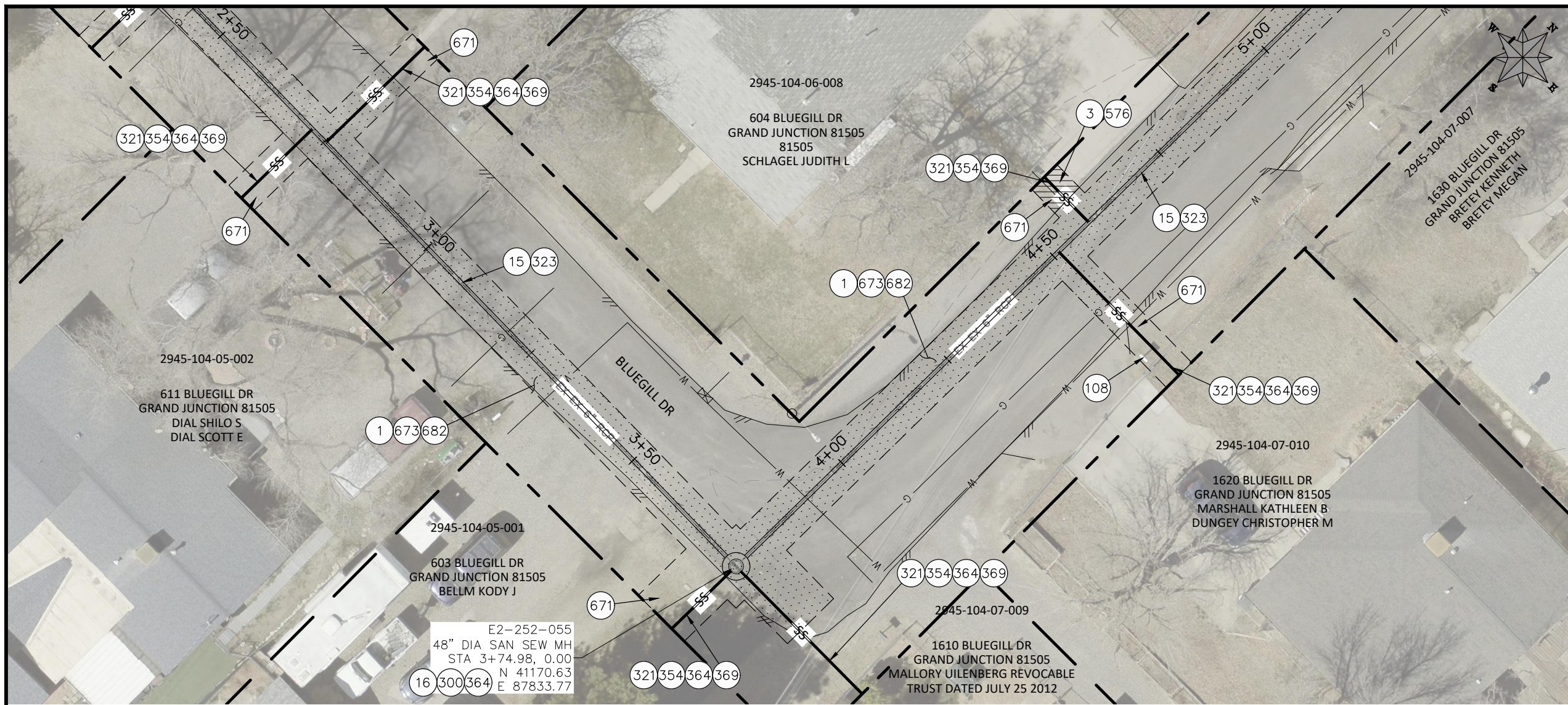
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DESIGNED BY	HMC	DATE	2026
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APPROVED BY	ES	DATE	2026



**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
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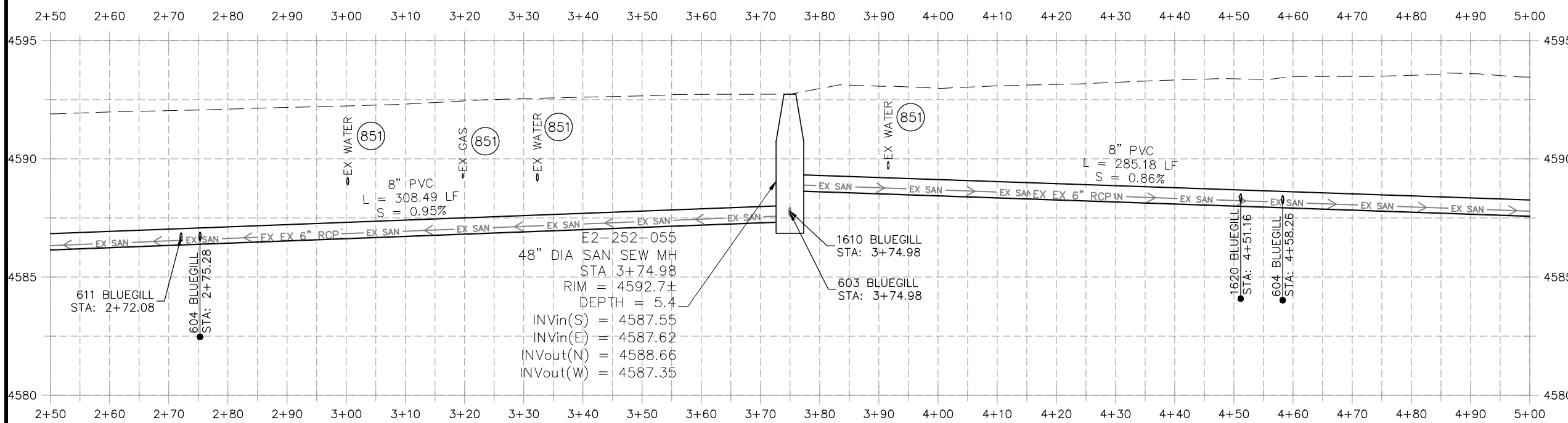
**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE A BLUEGILL DR**  
June 15, 2026

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**CONSTRUCTION NOTES**

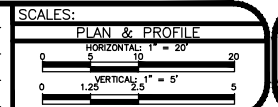
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
- 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
- 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
- 108 210 - RESET MAILBOX TO NEW 4X4 POST.
- 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
- 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
- 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
- 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
- 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
- 576 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
- 671 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
- 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
- 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
- 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

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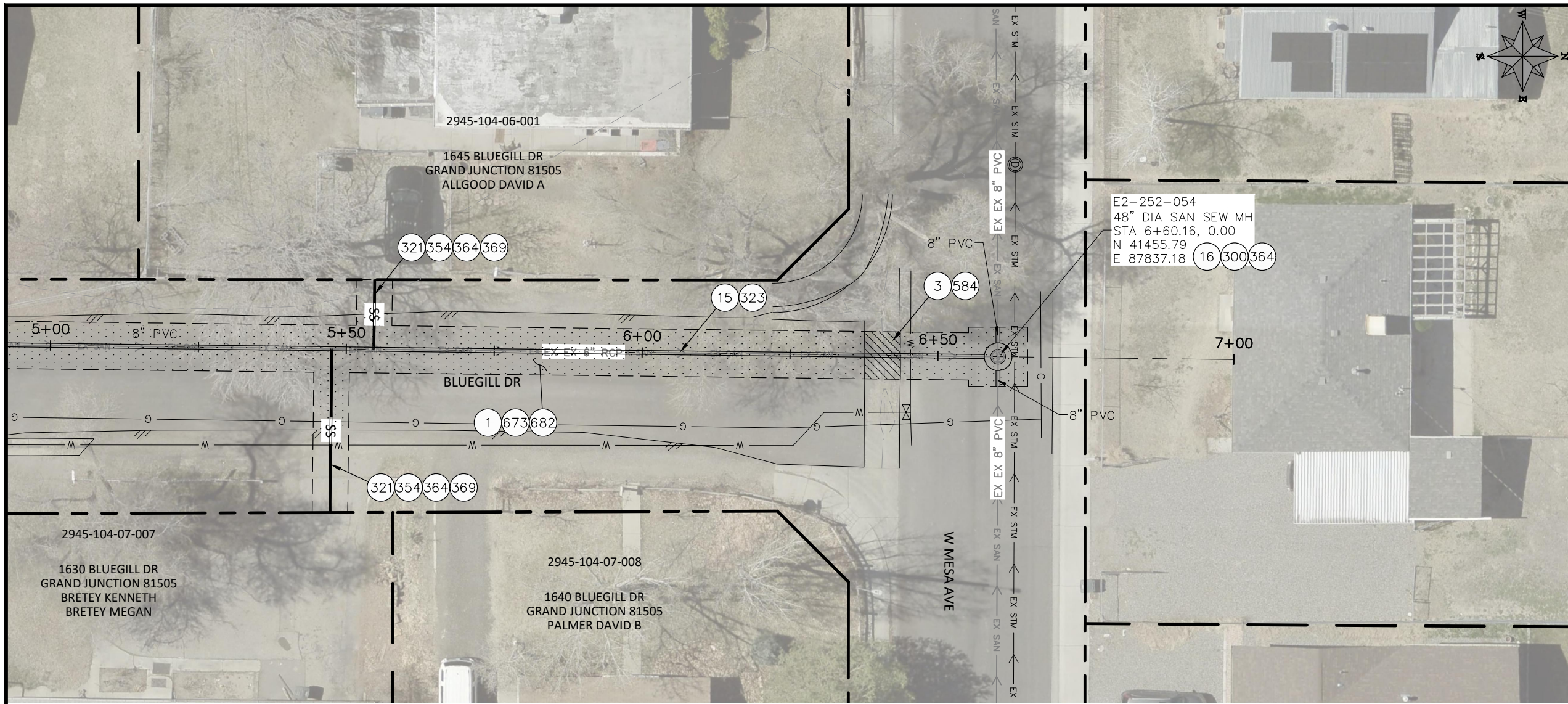
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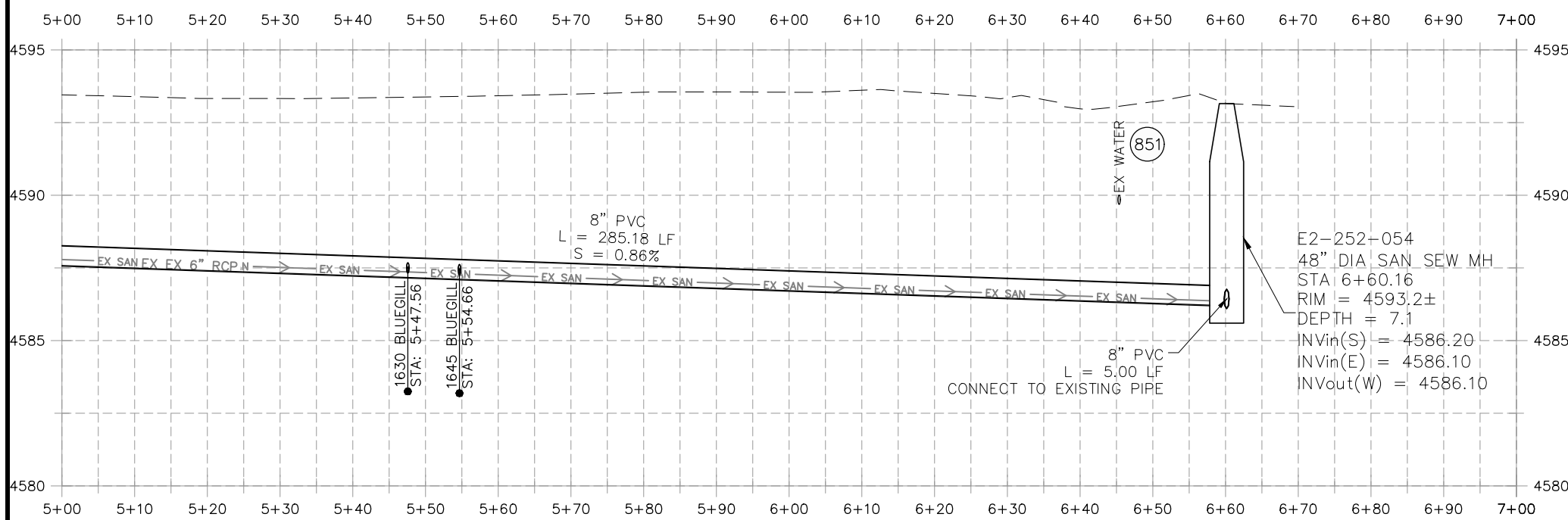
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE A BLUEGILL DR**  
June 15, 2026

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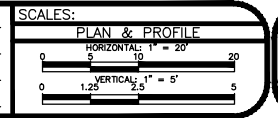


- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
  - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
  - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
  - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 584 608.06 - CONCRETE DRAINAGE PAN (5' WIDE)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

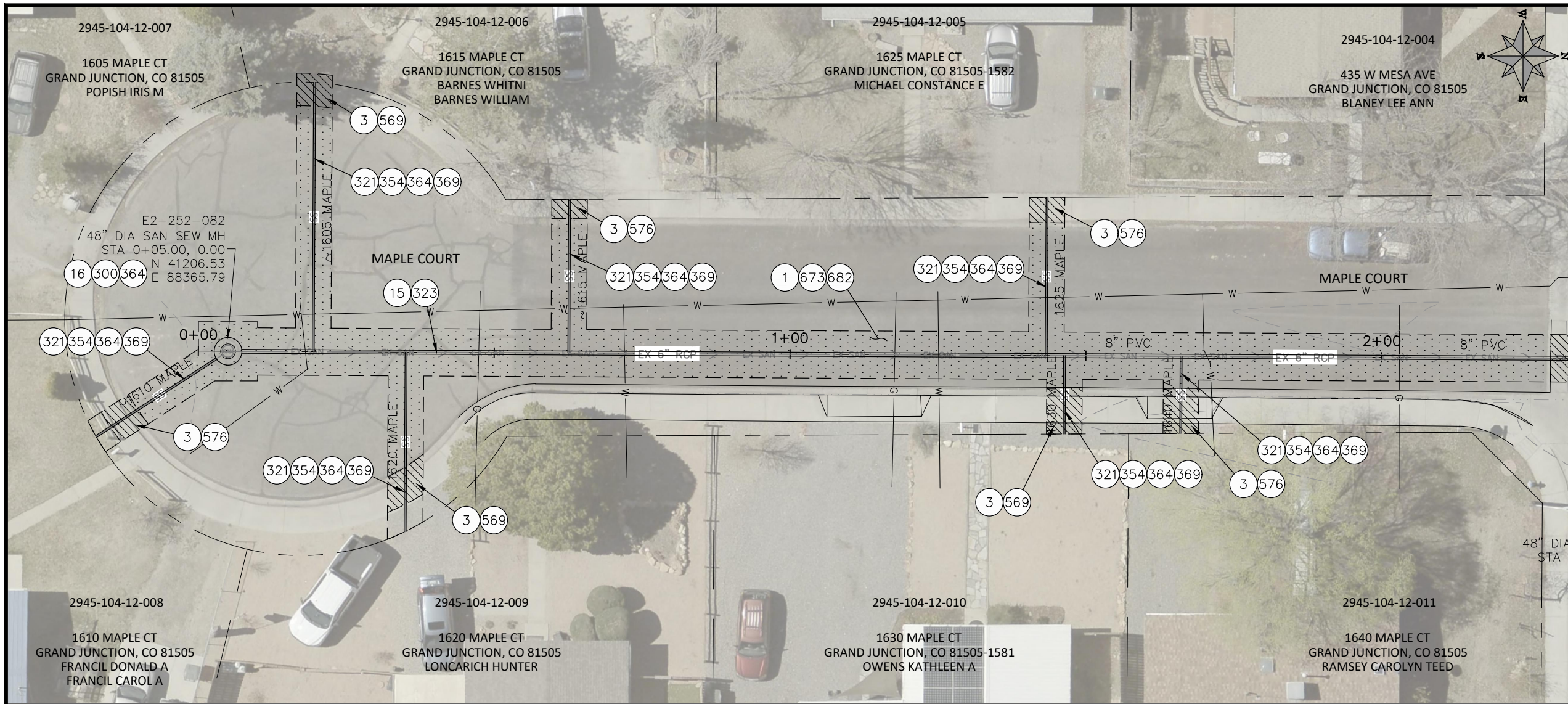
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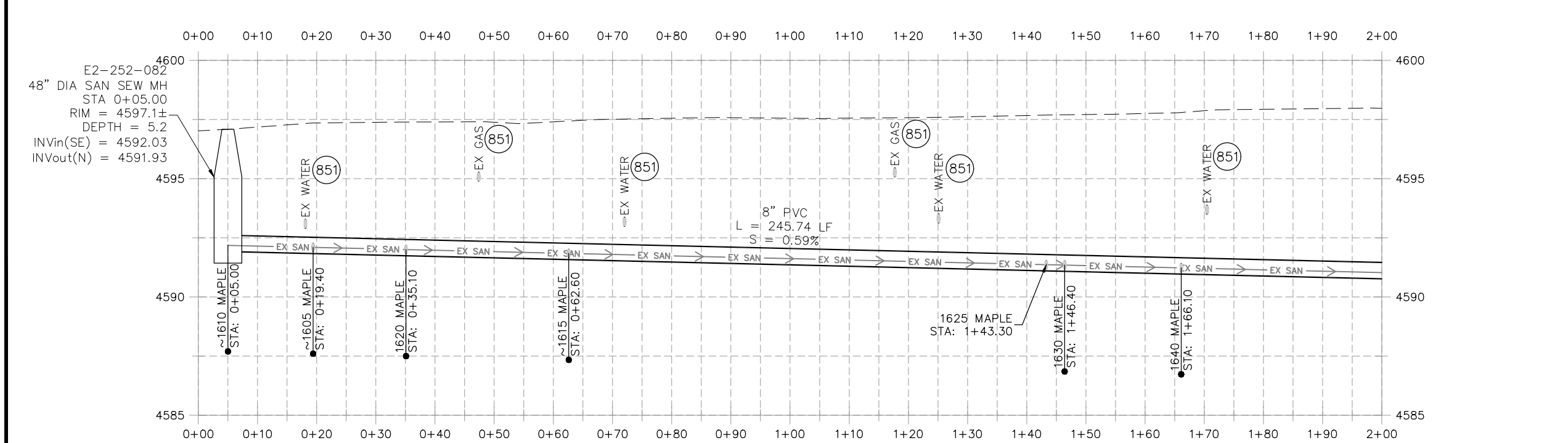
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE A BLUEGILL DR**  
June 15, 2026

n:\EngProj\SEWER\sewer line replacements\2026\c1087 (2026 sewer line replace in-house)\60CAD\DESIGN\A\_BLUEGILL.dwg - PLOTTED 6/15/2026 10:59:58 AM



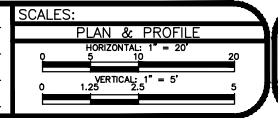
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  - ③ 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
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  - ⑤⑶ 608.06 - MONOLITHIC CURB, GUTTER AND SIDEWALK (ANY CURB TYPE) (6' WIDE)
  - ⑤⑷ 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
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  - ⑥⑳ 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - ⑥㉑ 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
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CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

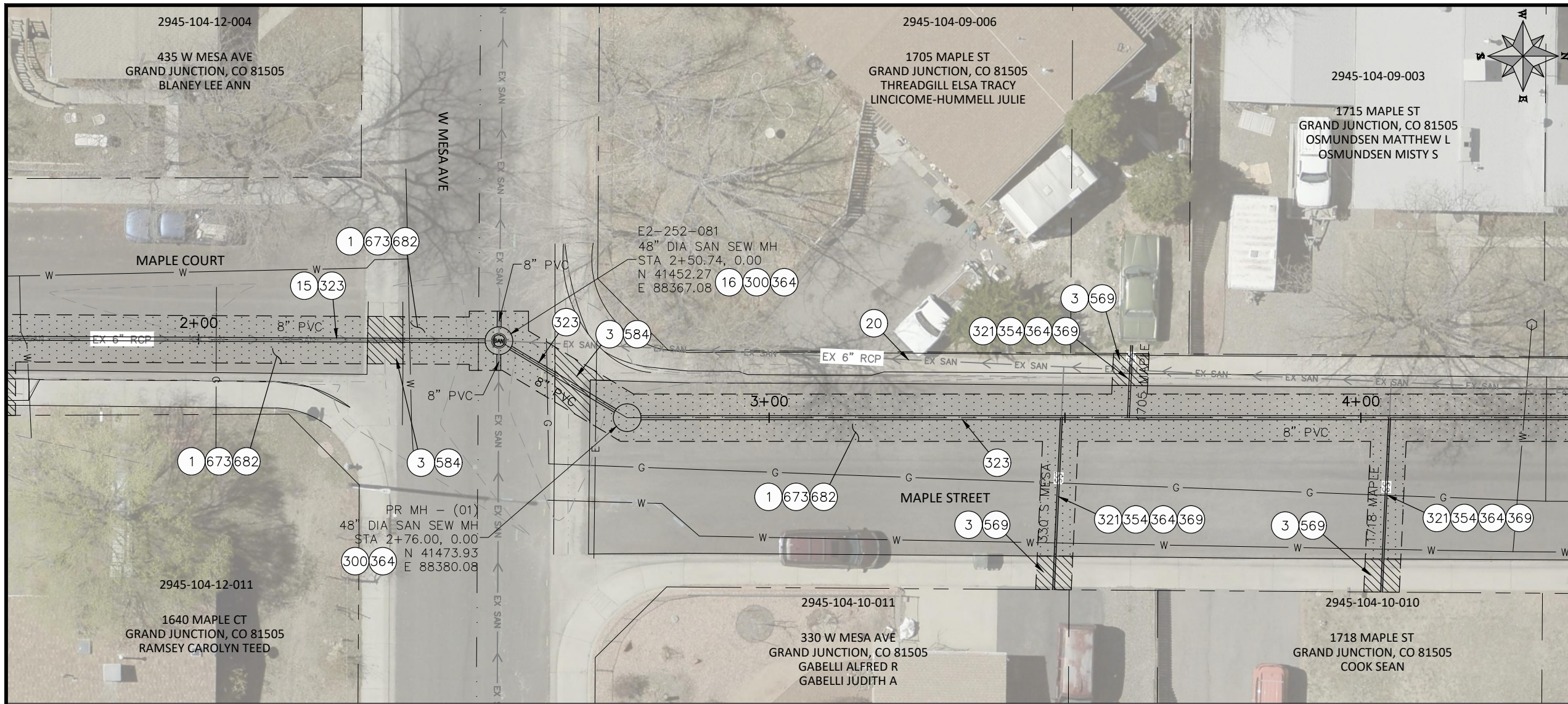
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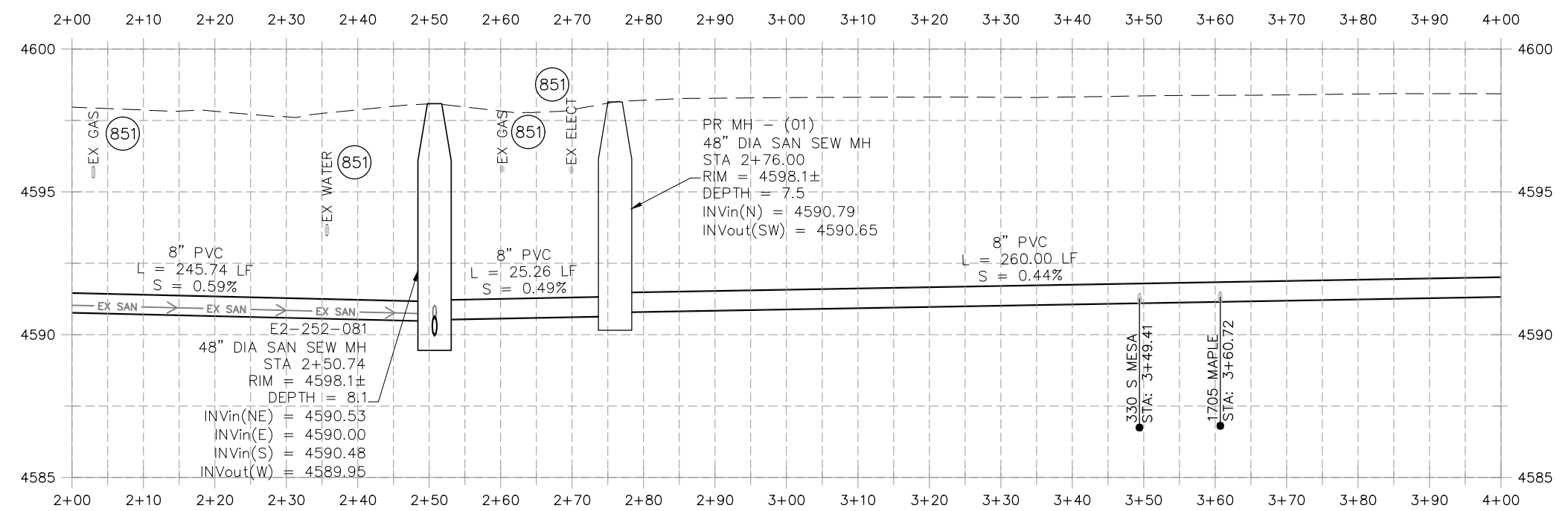
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE B MAPLE ST**  
June 15, 2026

n:\EngProj\SEWER\sewer line replacements\2026\c1087 (2026 sewer line replace in-house)\60CAD\DESIGN\B. C. D. MAPLE - JUNIPER - SPRUCE.dwg - PLOTTED 6/15/2026 11:00:20 AM



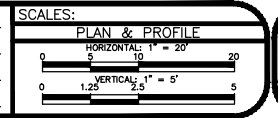
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**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

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 DESIGNED BY HMC DATE 2026  
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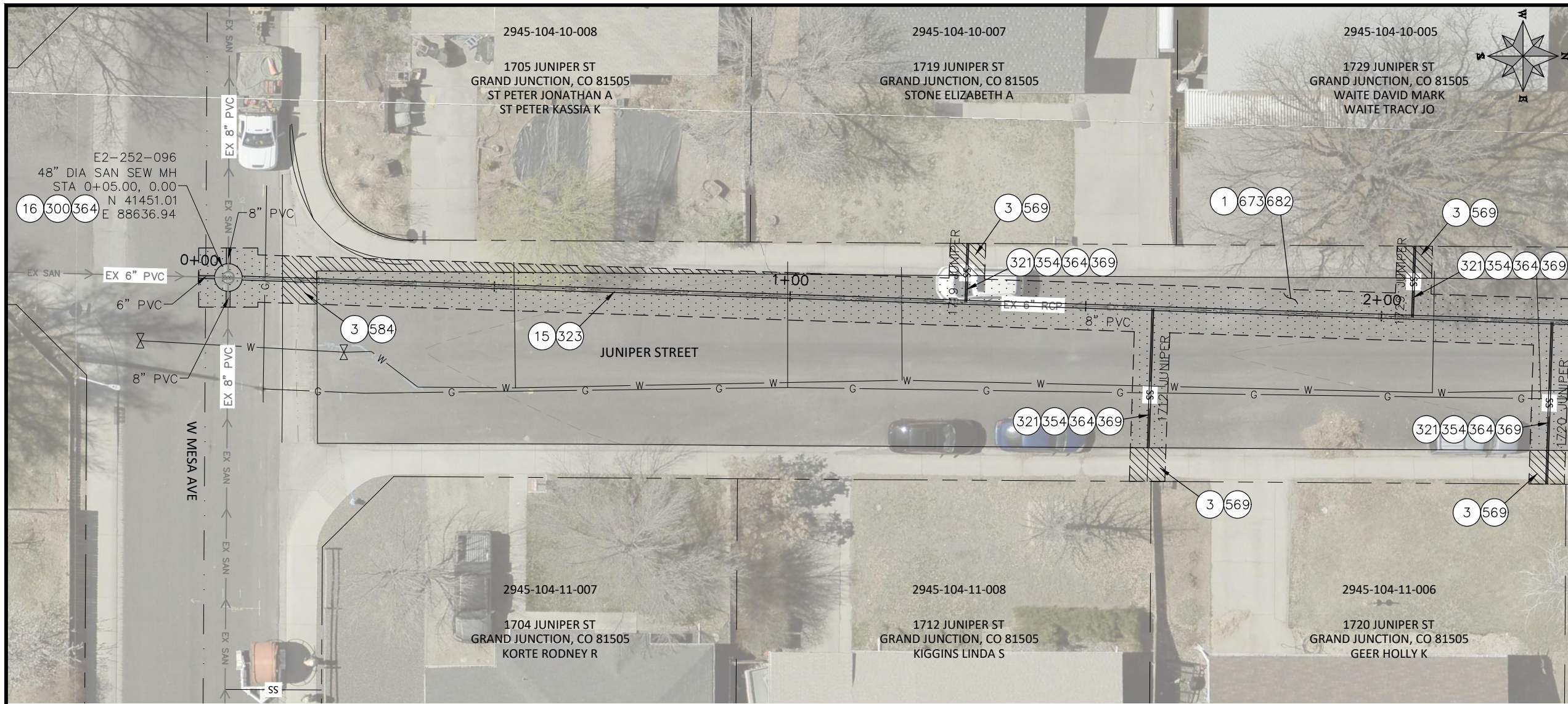


**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
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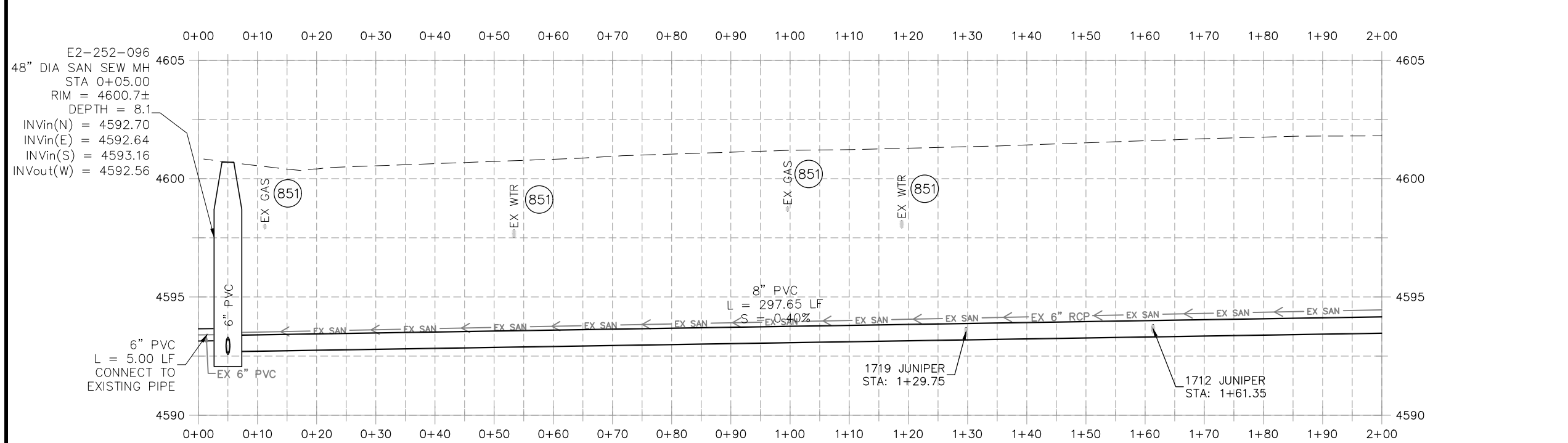
**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE B MAPLE ST**  
 June 15, 2026

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**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

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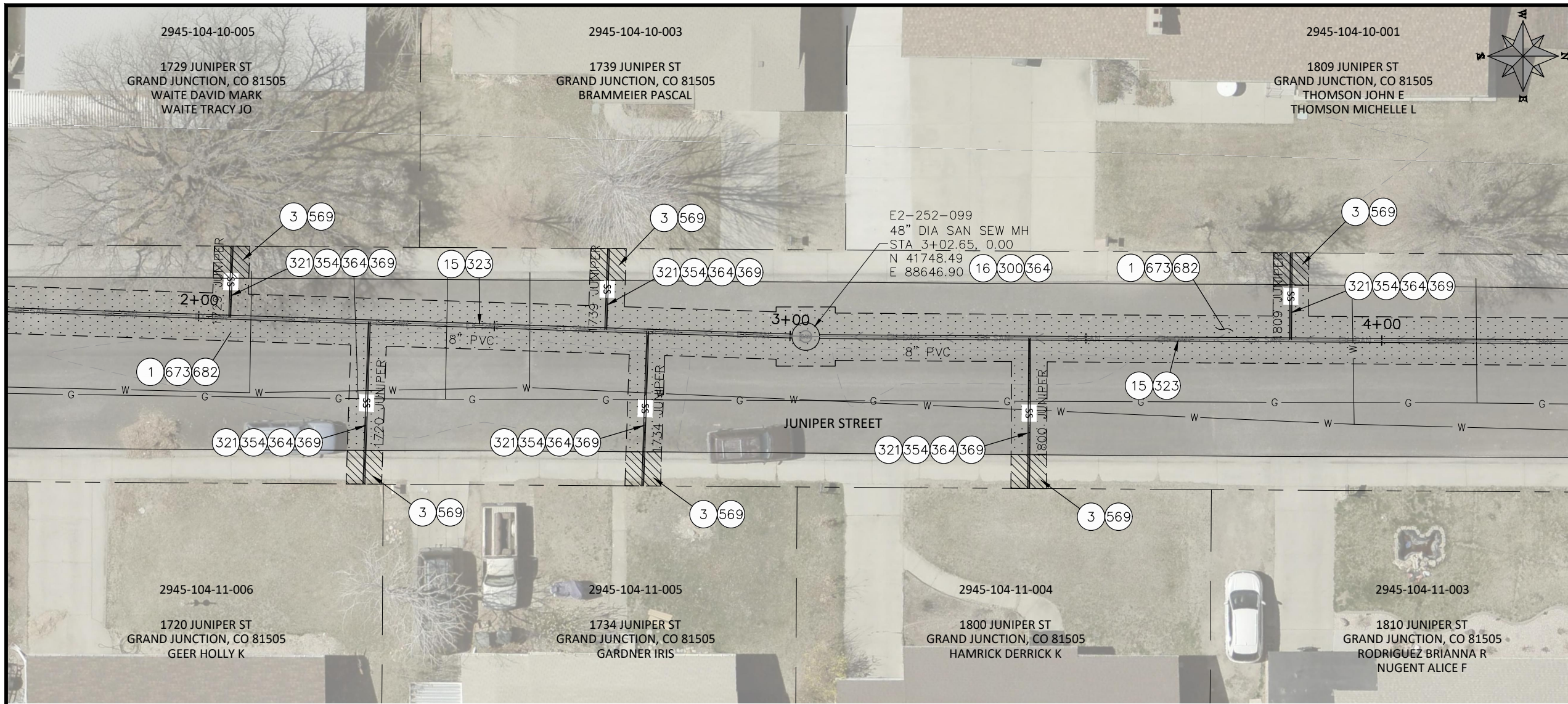
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HORIZONTAL	1" = 20'
VERTICAL	1" = 5'

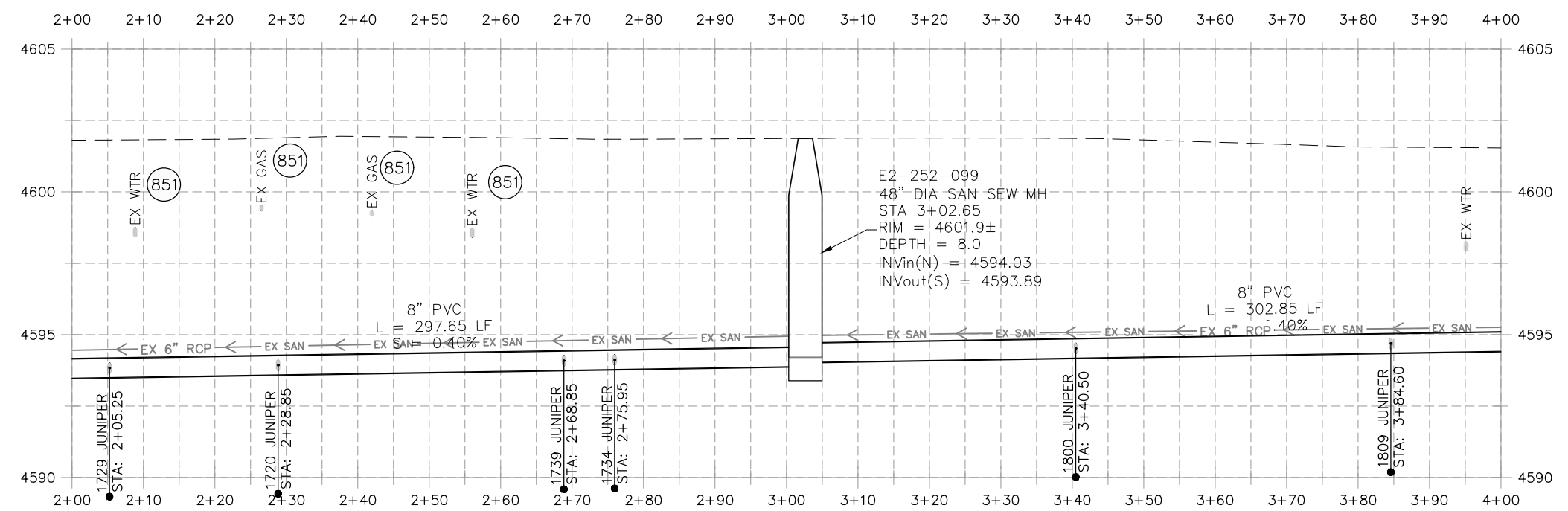


**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE C JUNIPER ST**  
June 15, 2026



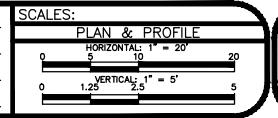
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**NOTE:**  
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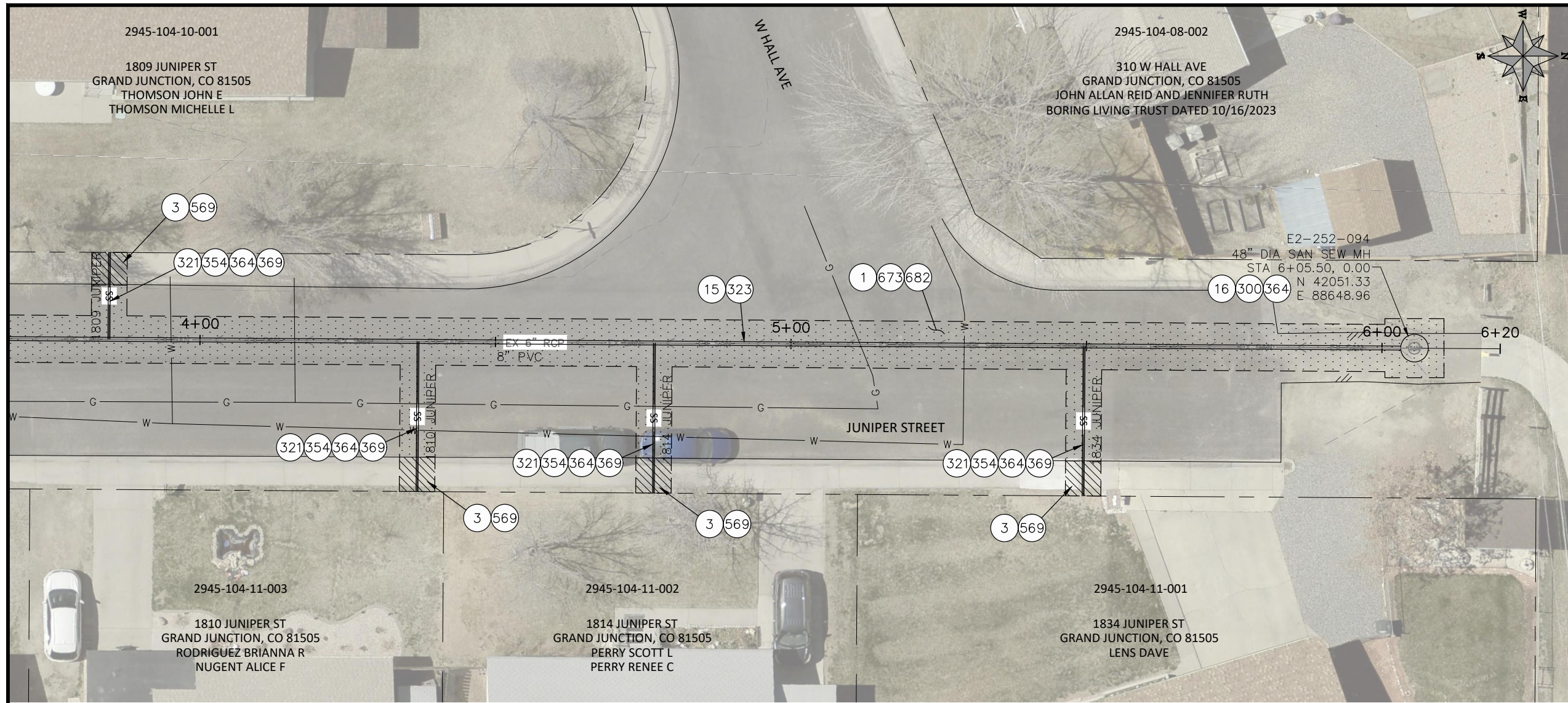
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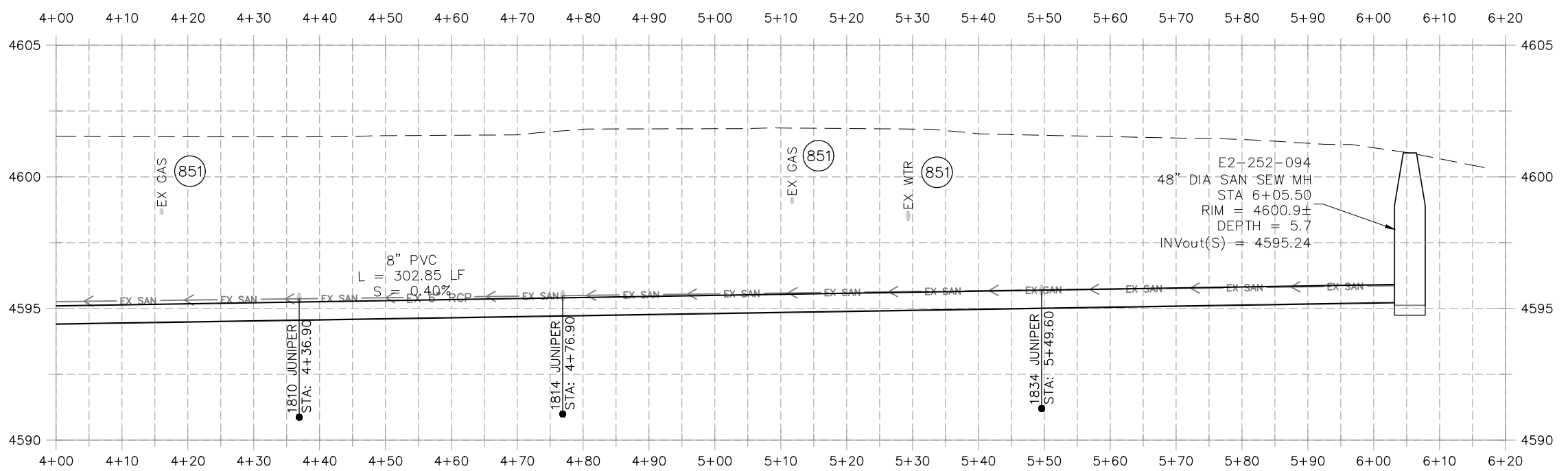
**ENGINEERING AND  
TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II  
LINE C JUNIPER ST  
June 15, 2026**

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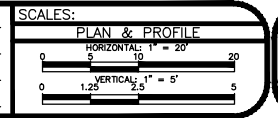


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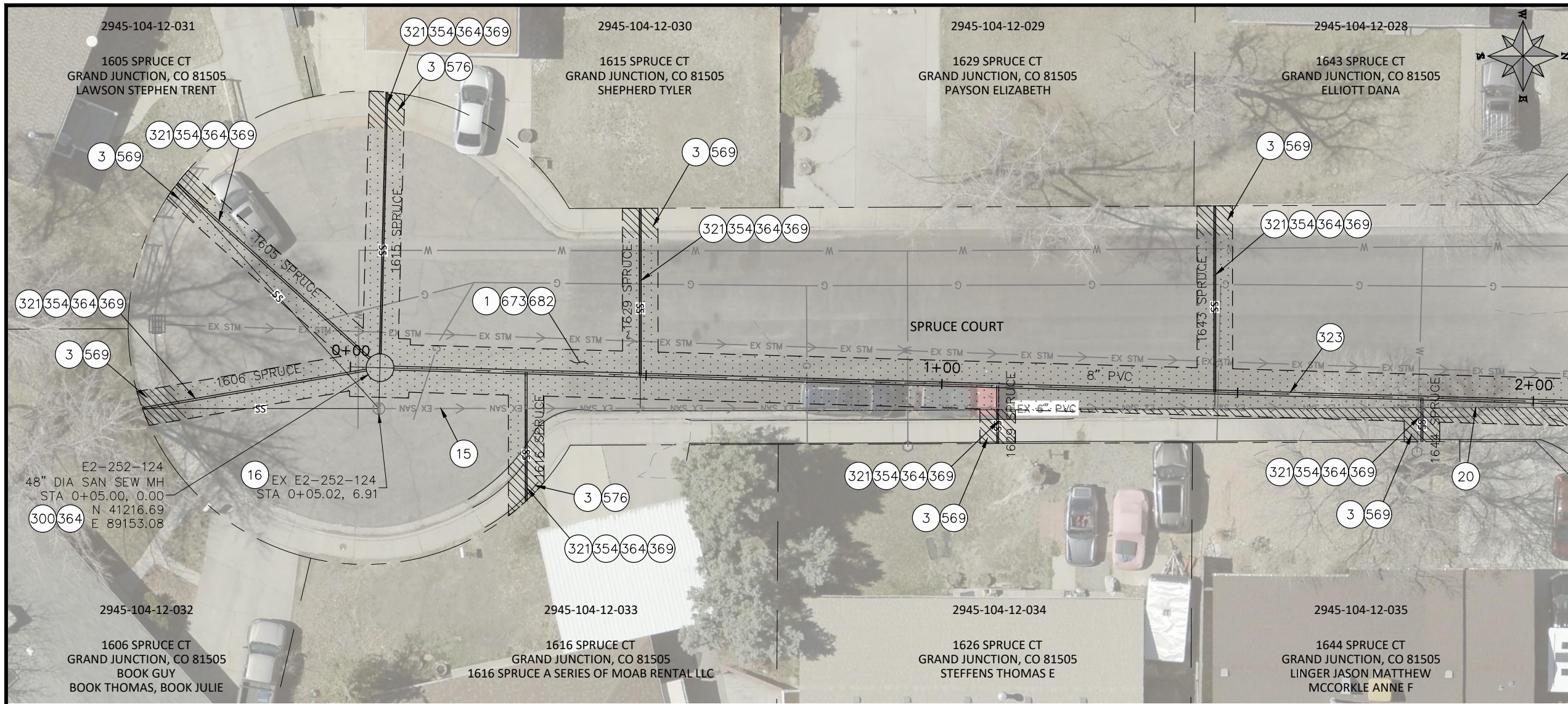
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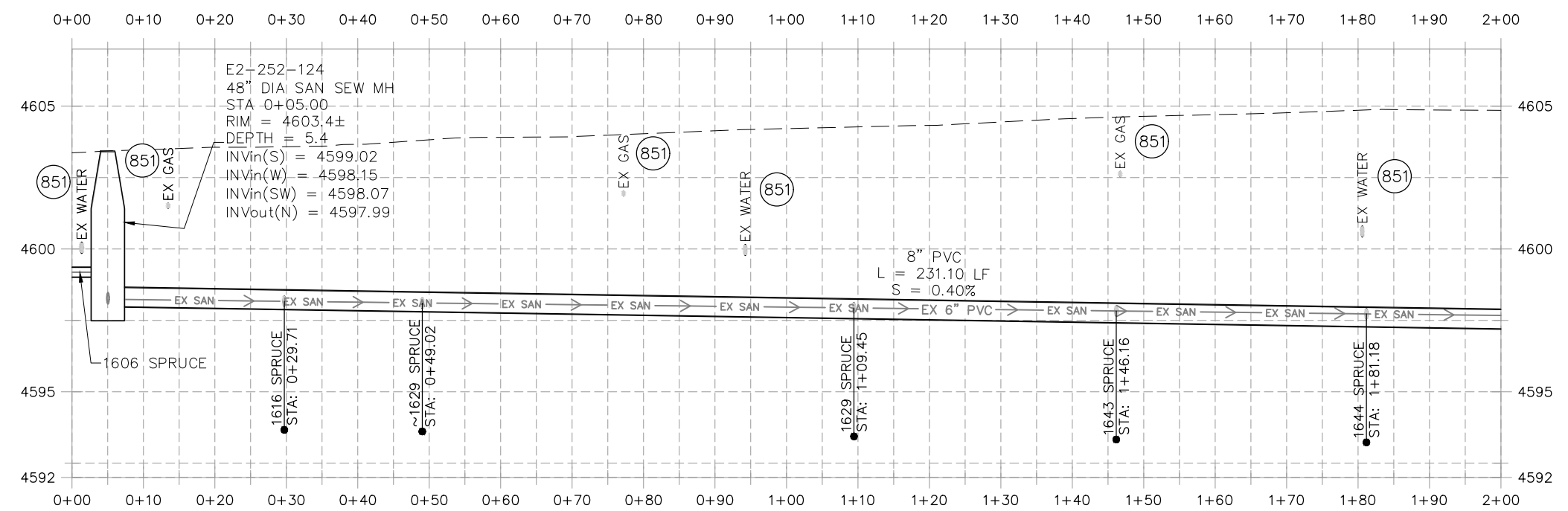
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE C JUNIPER ST**  
June 15, 2026

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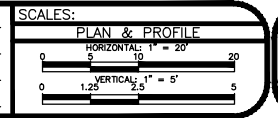


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  - 576 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
  - 671 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
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REVISION			HMC	2026
REVISION			ES	2026
REVISION			ES	2026

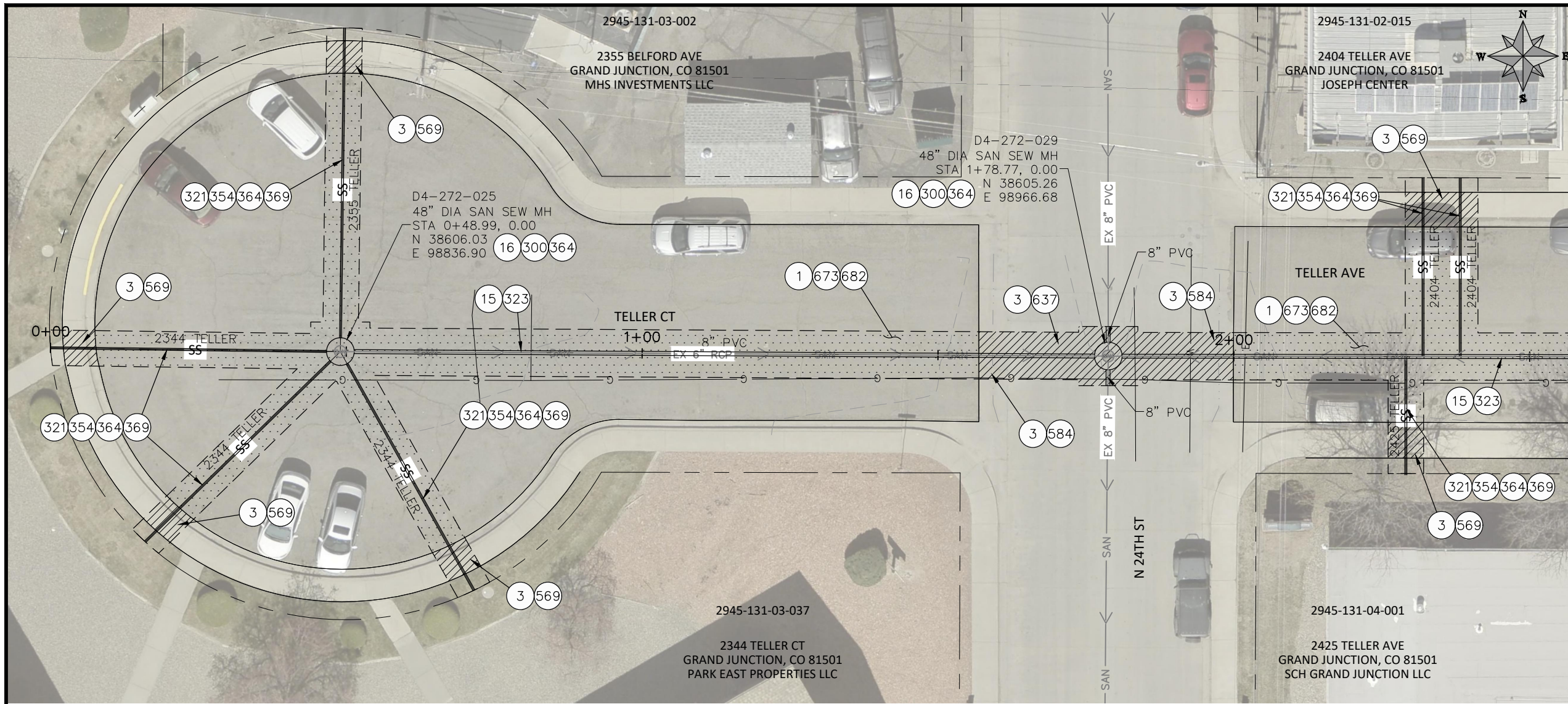


**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

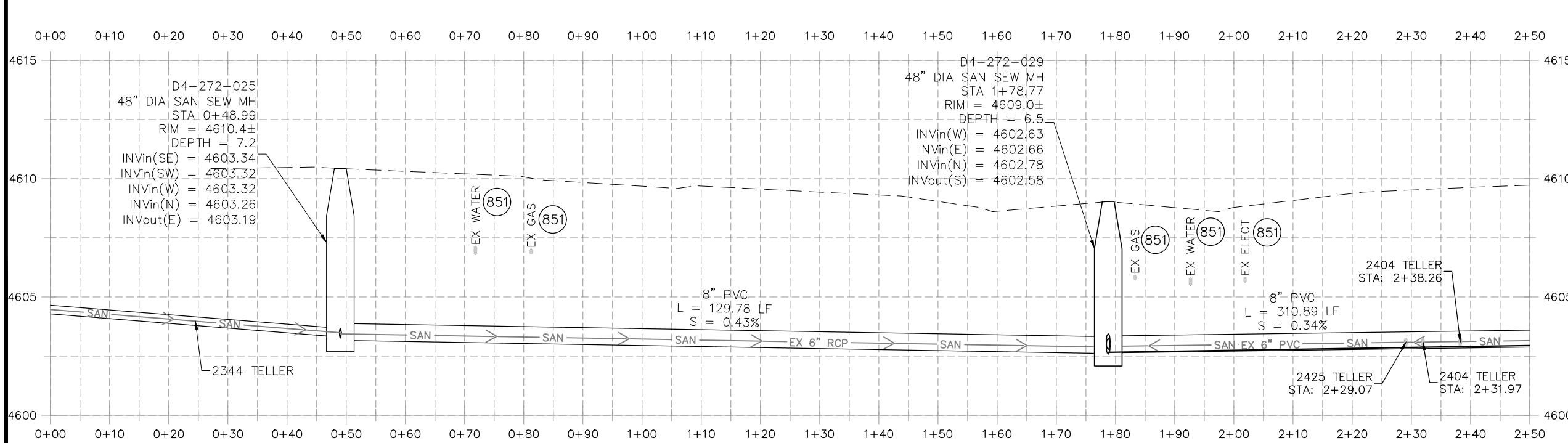
**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE D SPRUCE CT**  
June 15, 2026

n:\EngProj\SEWER\sewer line replacements\2026\c1087 (2026 sewer line replace in-house)\60CAD\DESIGN\B, C, D\_MAPLE, JUNIPER, SPRUCE.dwg - PLOTTED 6/15/2026 11:01:54 AM





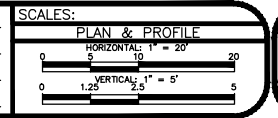
- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
  - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
  - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
  - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 569 608.06 - MONOLITHIC CURB, GUTTER AND SIDEWALK (ANY CURB TYPE) (6' WIDE)
  - 584 608.06 - CONCRETE DRAINAGE PAN (5' WIDE)
  - 637 608.06 - CONCRETE ROADWAY SECTION (6" THICK)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



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CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

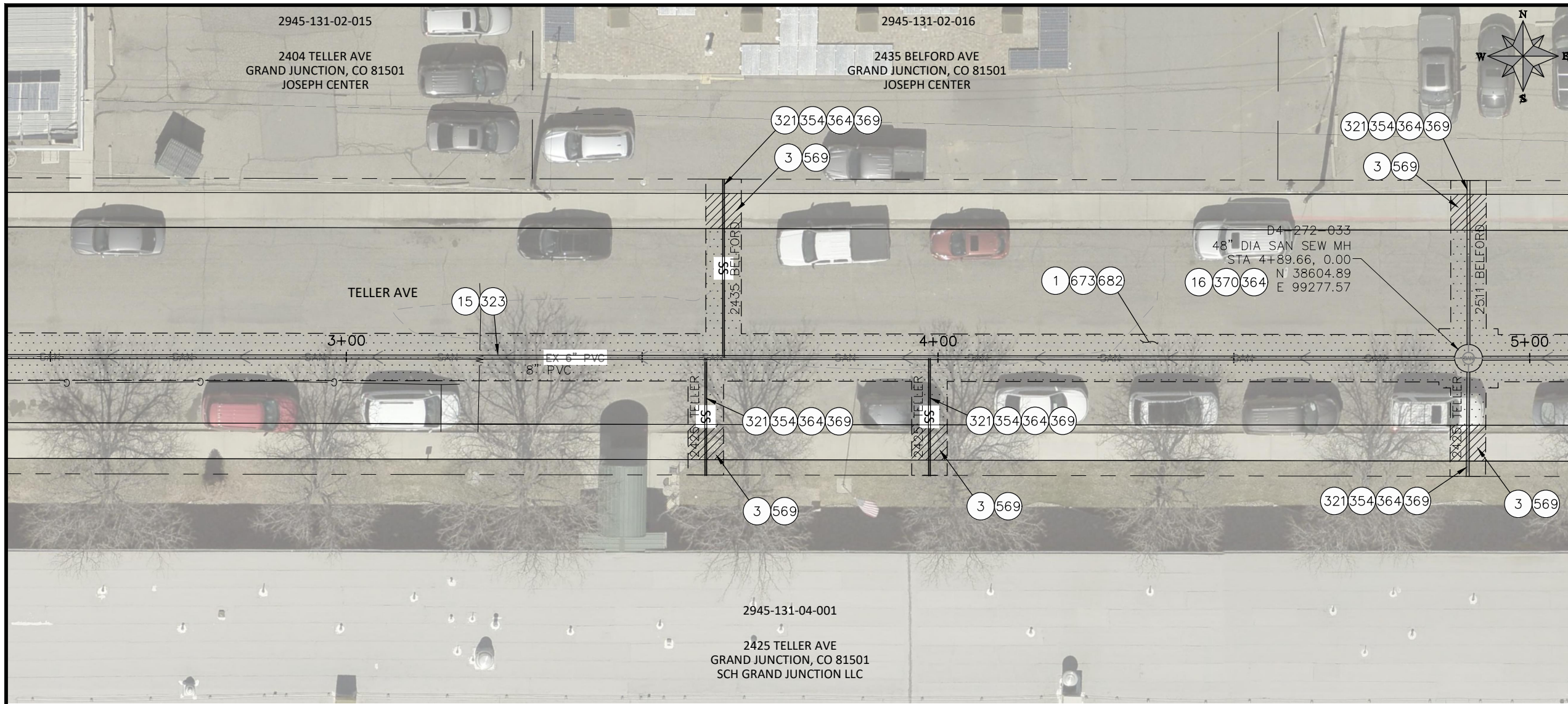
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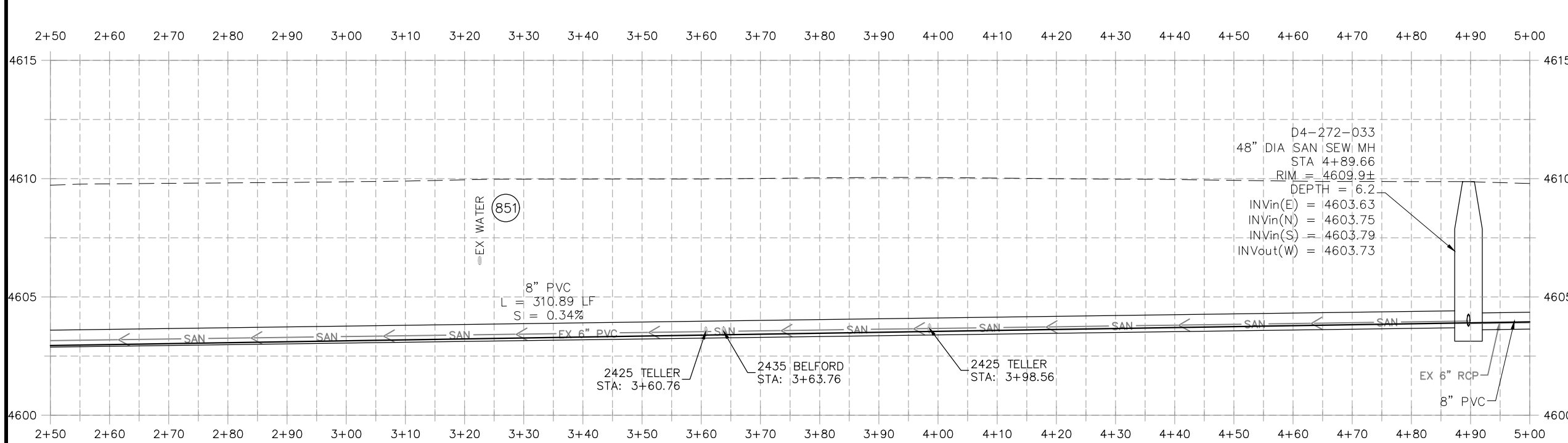
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE E TELLER CT**  
June 15, 2026

n:\EngProj\SEWER\sewer line replacements\2026\c1087 (2026 sewer line replace in-house)\60CAD\DESIGN\E\_TELLER\_BELFORD.dwg - PLOTTED 6/15/2026 11:03:24 AM



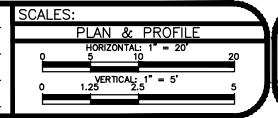
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  - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
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  - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
  - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 370 102.11/108.5 - SANITARY SEWER CAST IN PLACE MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE.
  - 569 608.06 - MONOLITHIC CURB, GUTTER AND SIDEWALK (ANY CURB TYPE) (6' WIDE)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

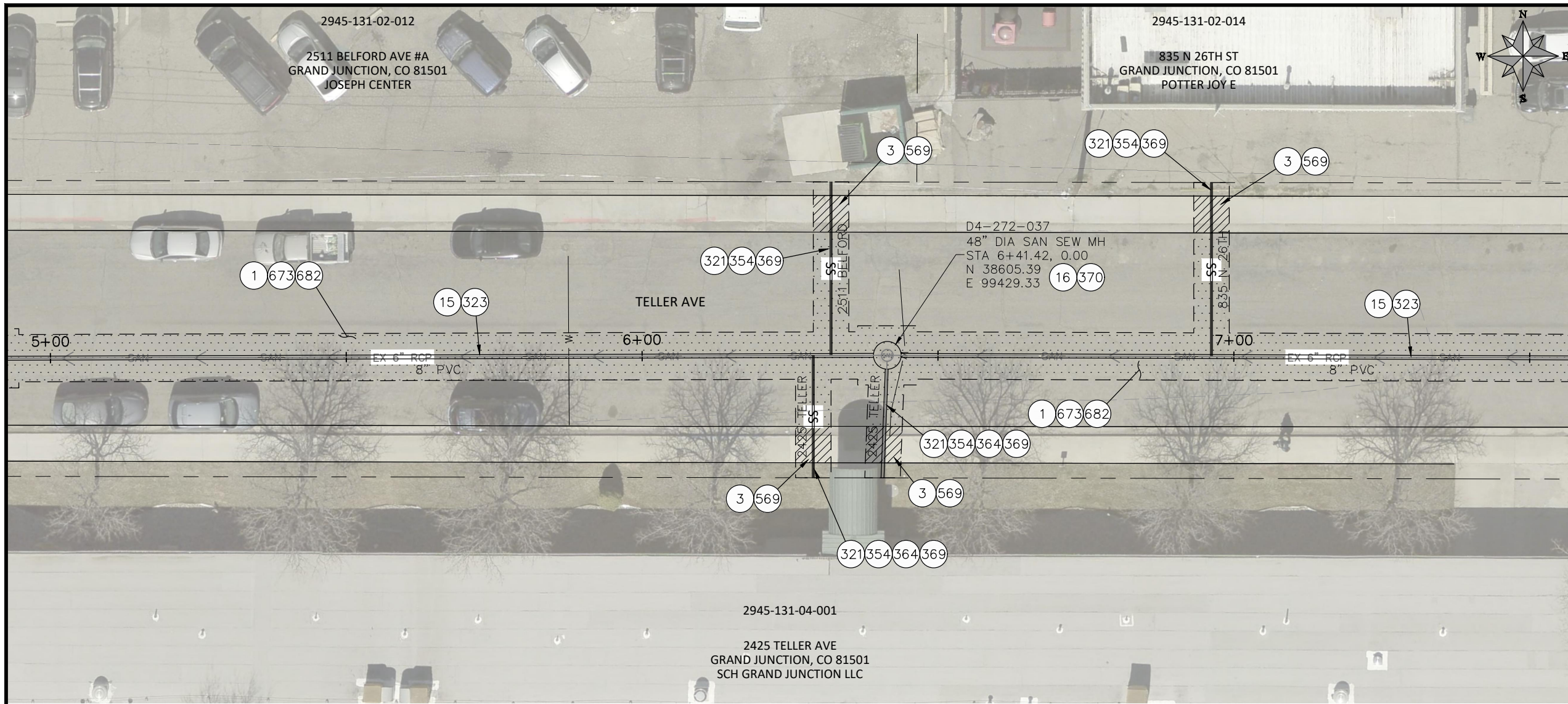
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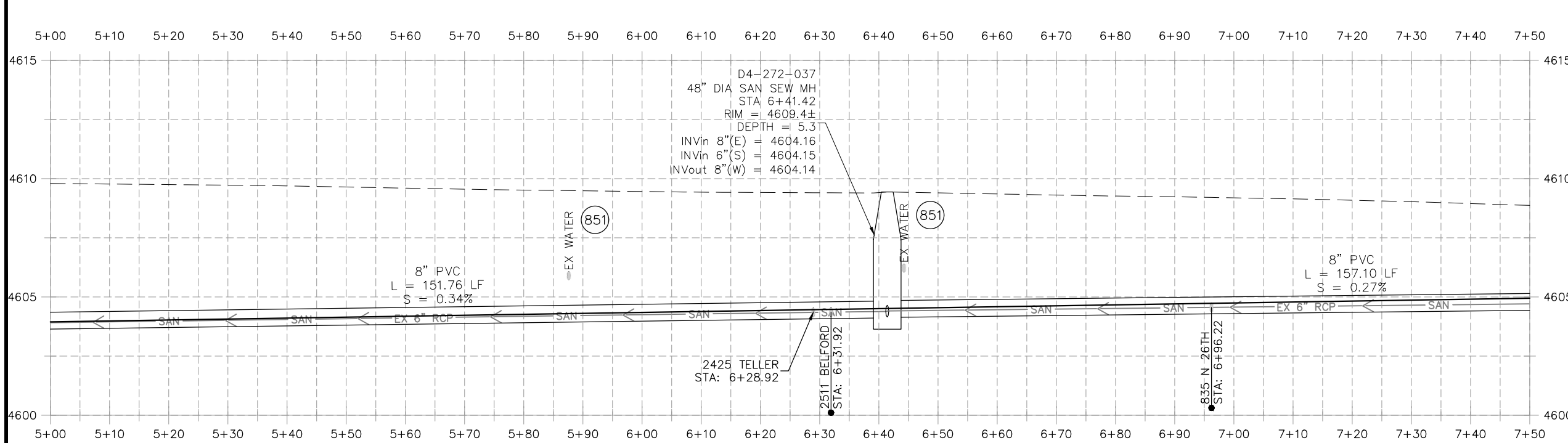
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
LINE E TELLER AVE  
June 15, 2026

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- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
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  - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
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  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 370 102.11/108.5 - SANITARY SEWER CAST IN PLACE MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE.
  - 569 608.06 - MONOLITHIC CURB, GUTTER AND SIDEWALK (ANY CURB TYPE) (6' WIDE)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
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**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

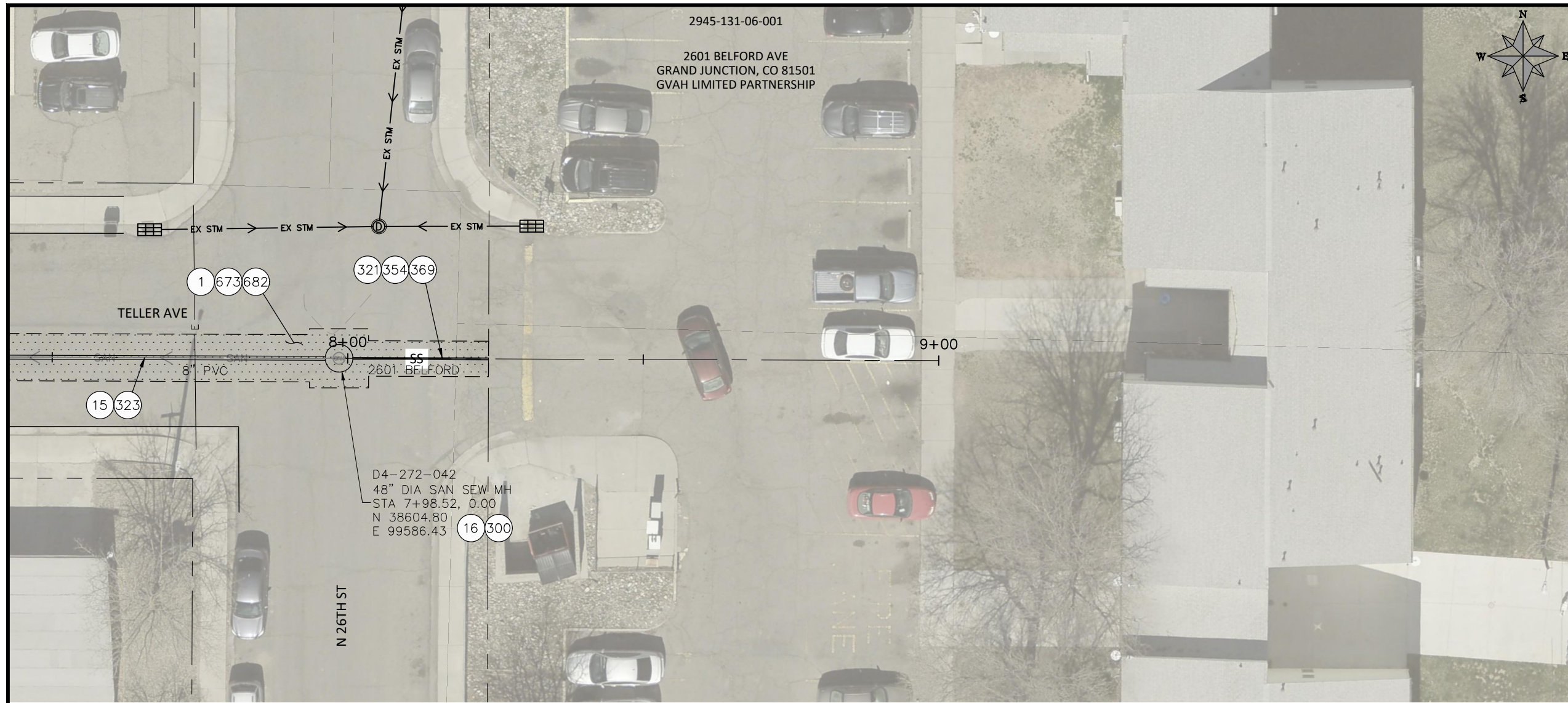
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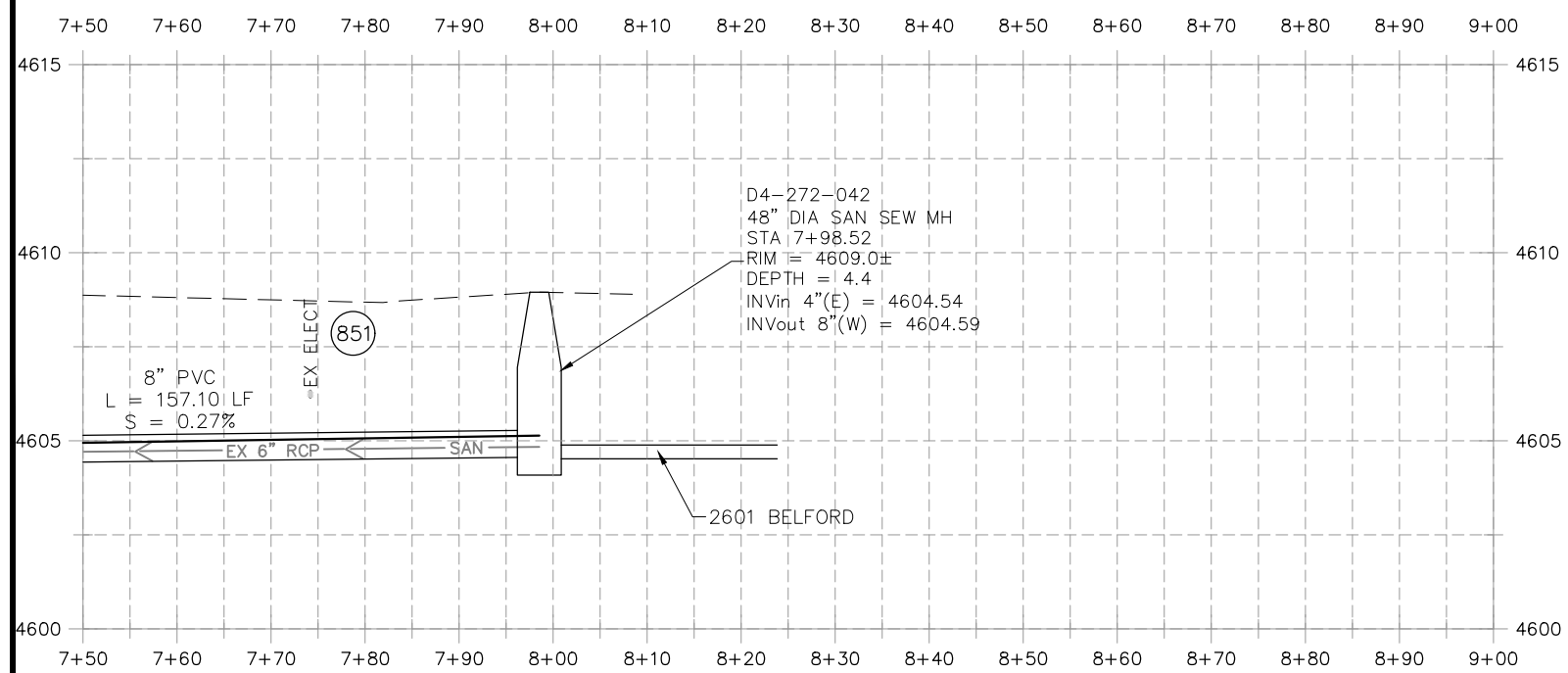
**ENGINEERING AND  
TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II  
LINE E TELLER AVE  
June 15, 2026**

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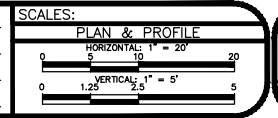


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  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
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**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

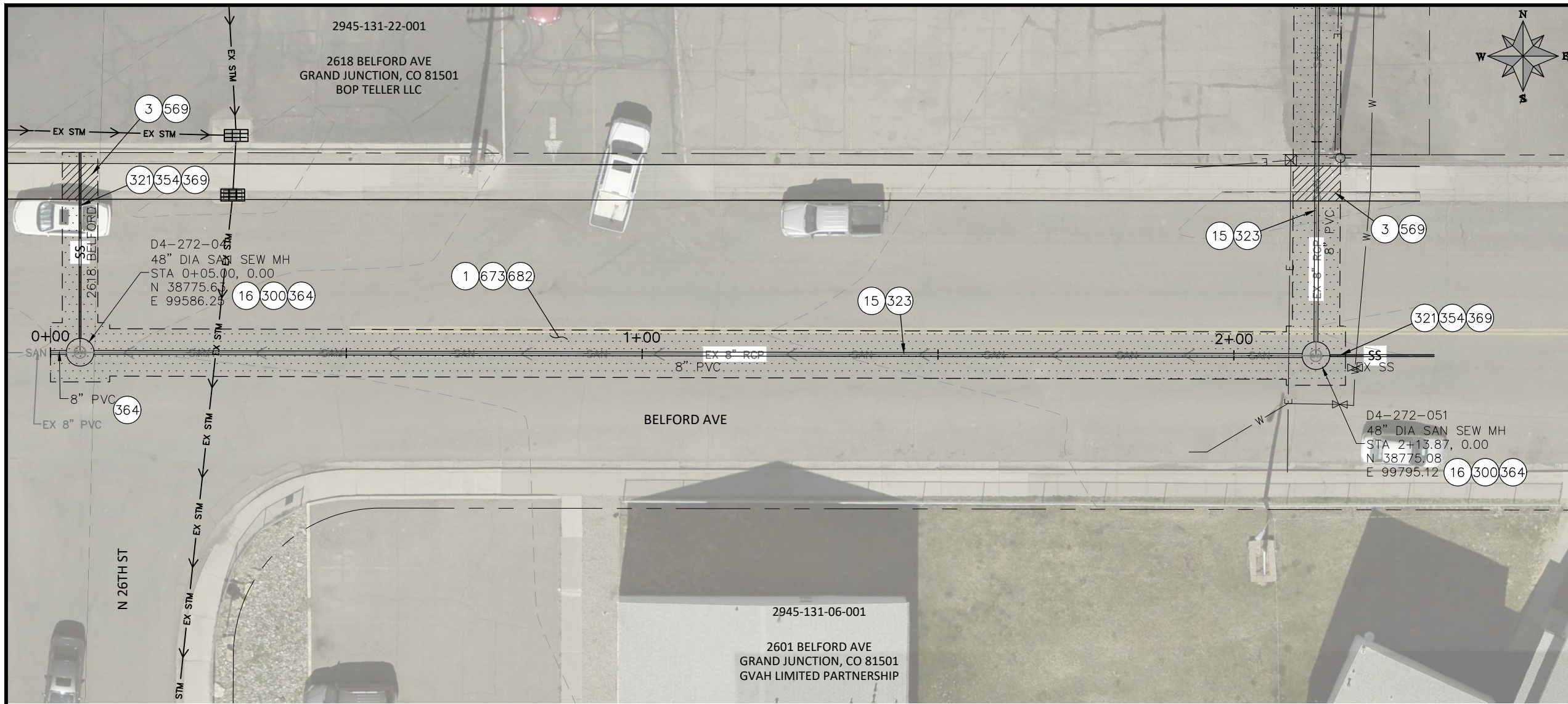
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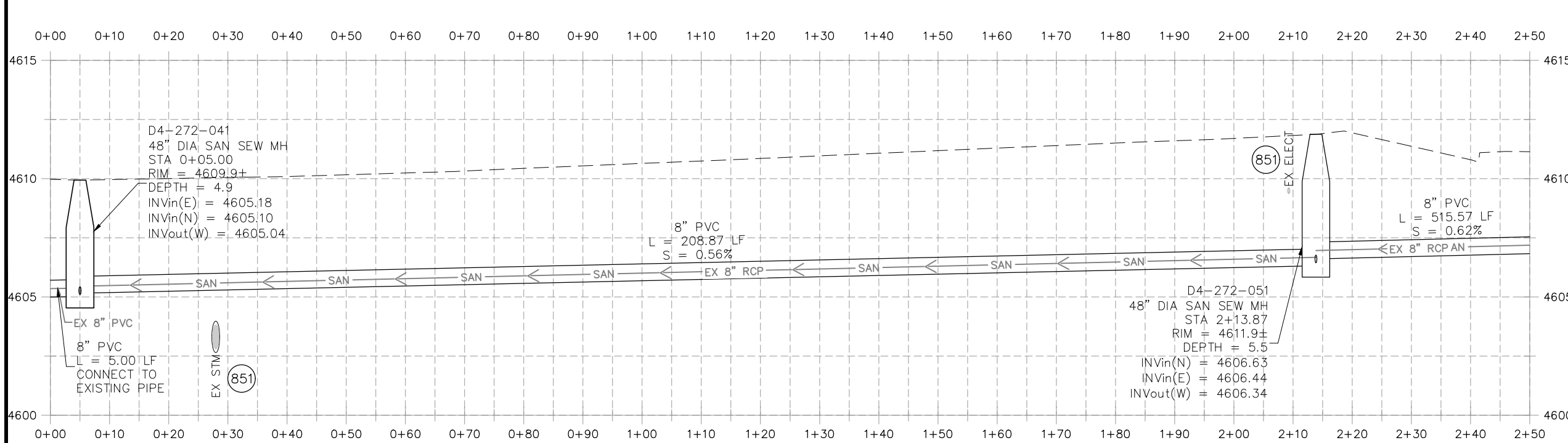
**ENGINEERING AND  
TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II  
LINE E TELLER AVE  
June 15, 2026**

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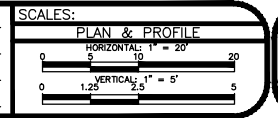
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**NOTE:**  
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REVISION	DESCRIPTION	DATE

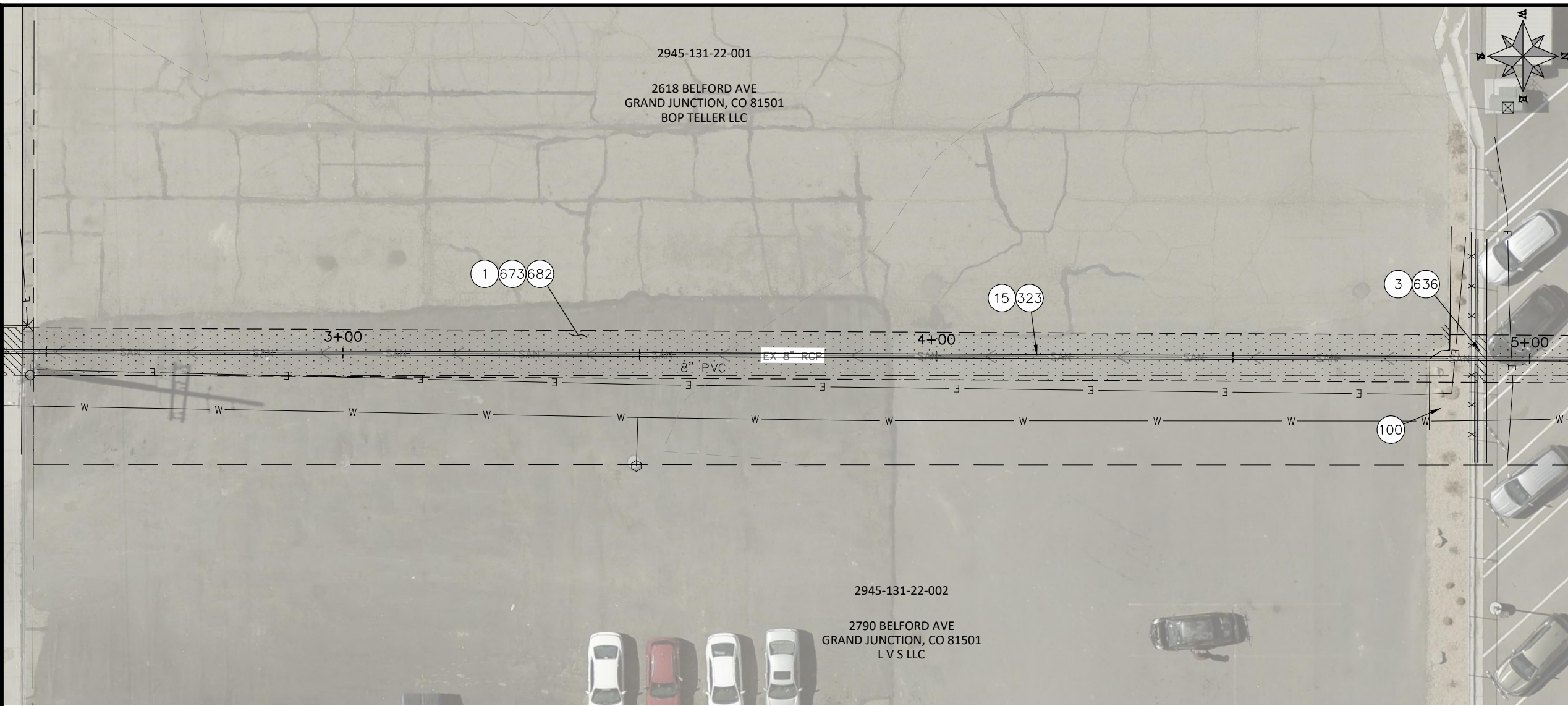
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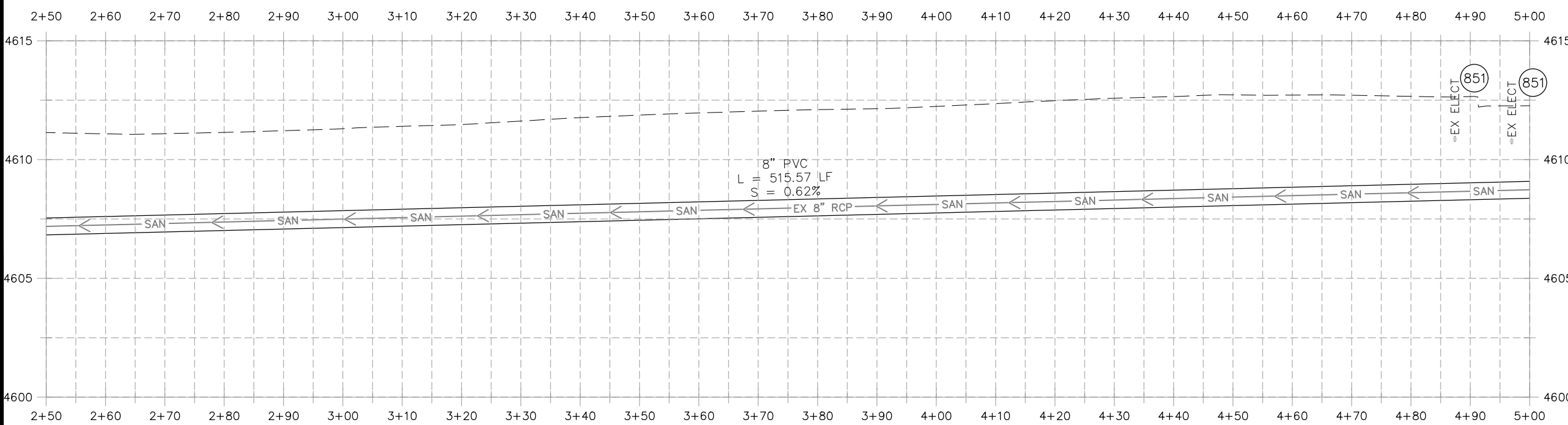
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
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**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE F' BELFORD AVE**  
June 15, 2026

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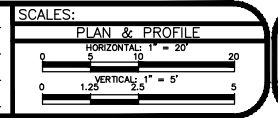
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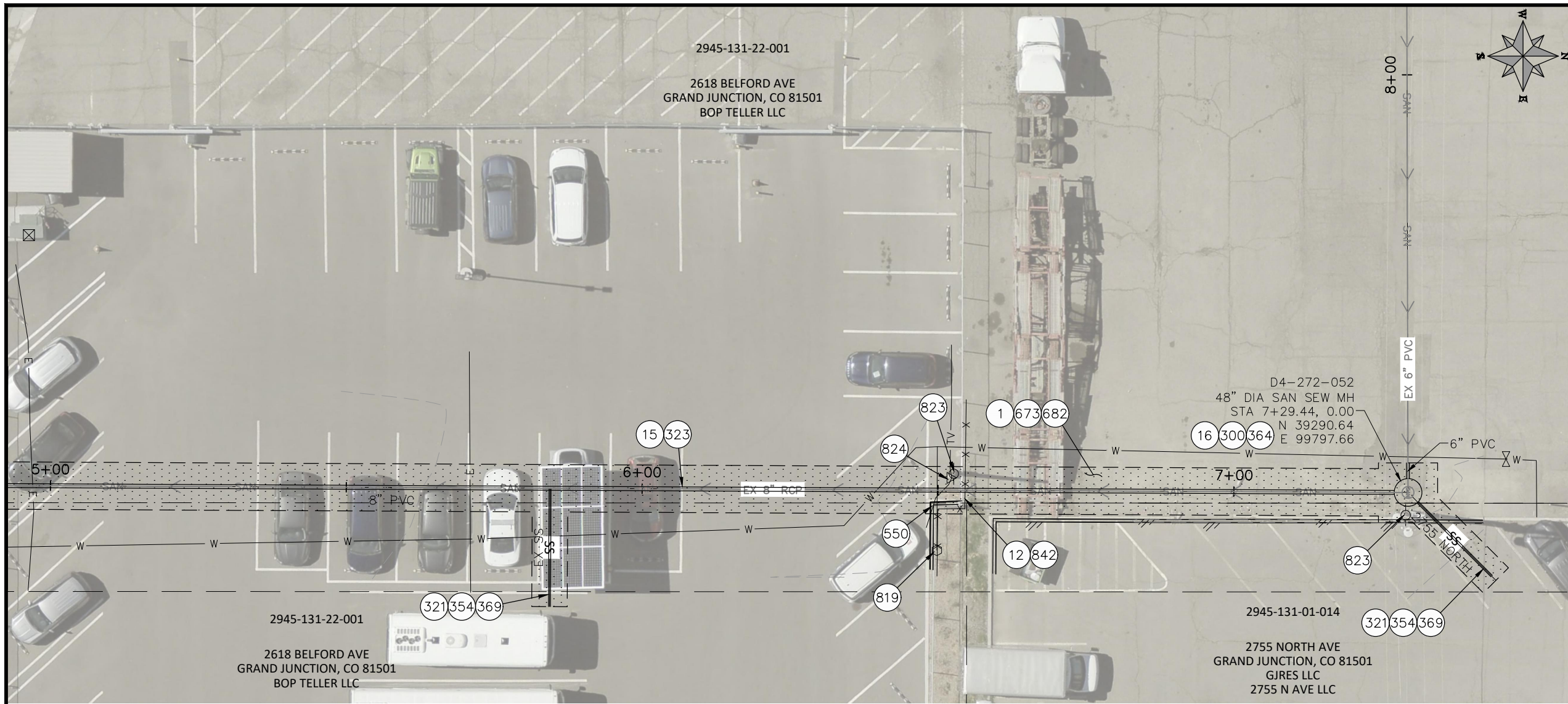
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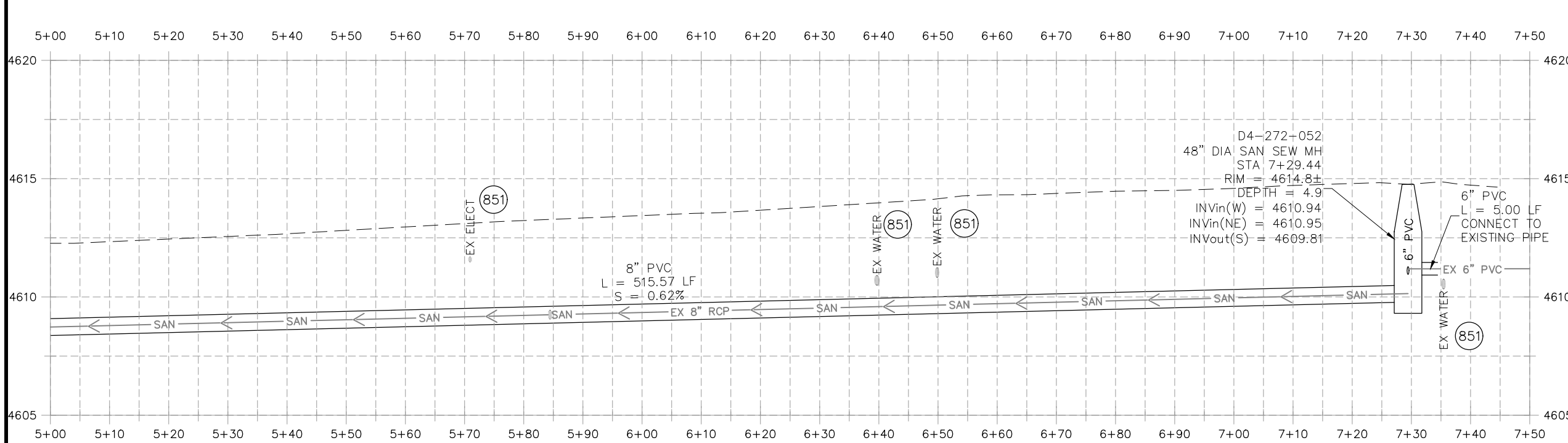
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
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**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE F' BELFORD AVE**  
June 15, 2026

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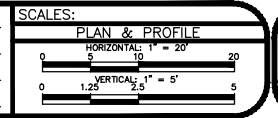
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- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 12 202 - REMOVAL OF FENCE AS SHOWN. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
  - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
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  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 323 102.9/108.2 - 8" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 550 608.06 - CONCRETE CURB (6" WDE, 6" HIGH)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 819 PROTECT WATER METER.
  - 823 PROTECT UTILITY POLE.
  - 824 PROTECT UTILITY PEDESTAL.
  - 842 RESET FENCE
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



- NOTE:**
- CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

DRAWN BY	HMC	DATE	2026
DESIGNED BY	HMC	DATE	2026
CHECKED BY	ES	DATE	2026
APPROVED BY	ES	DATE	2026

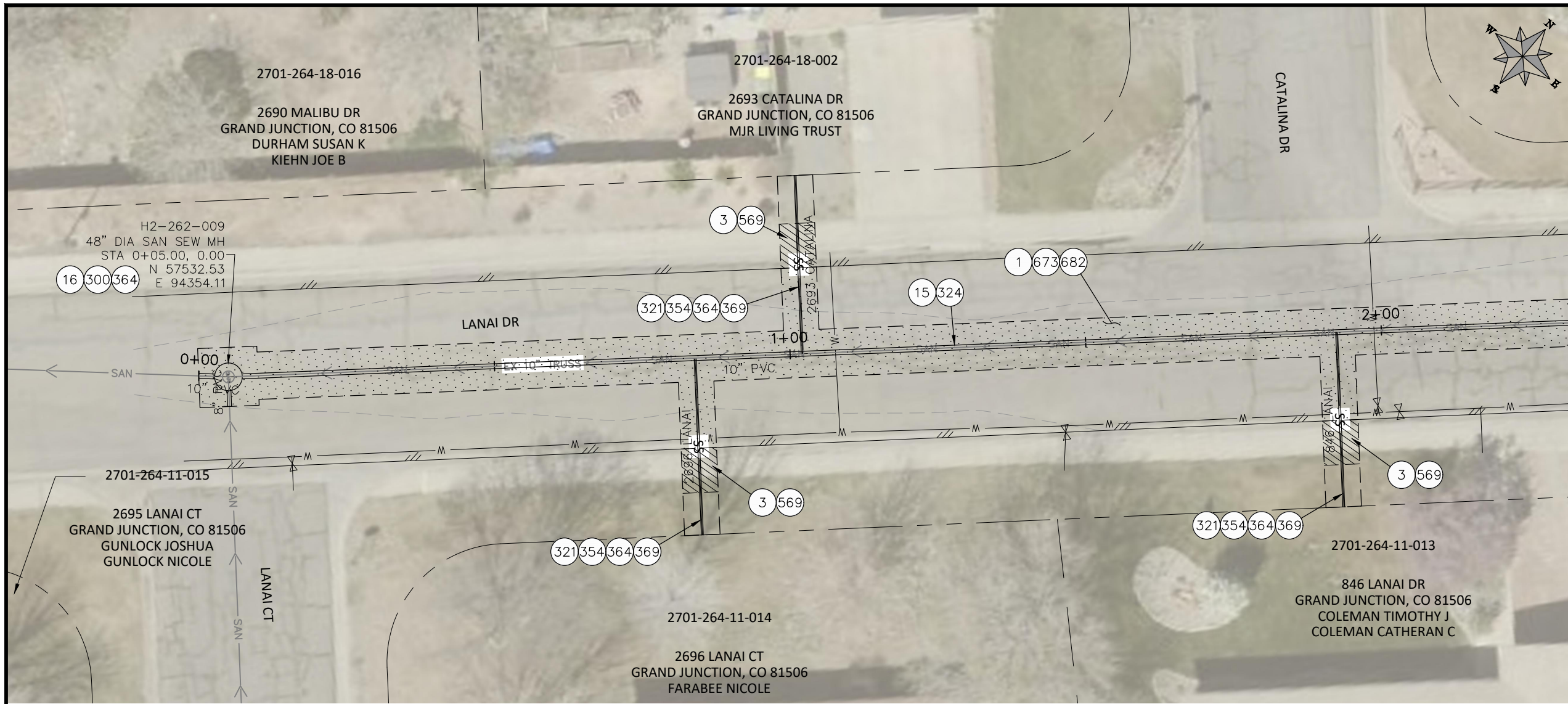


**ENGINEERING AND  
TRANSPORTATION DEPARTMENT**

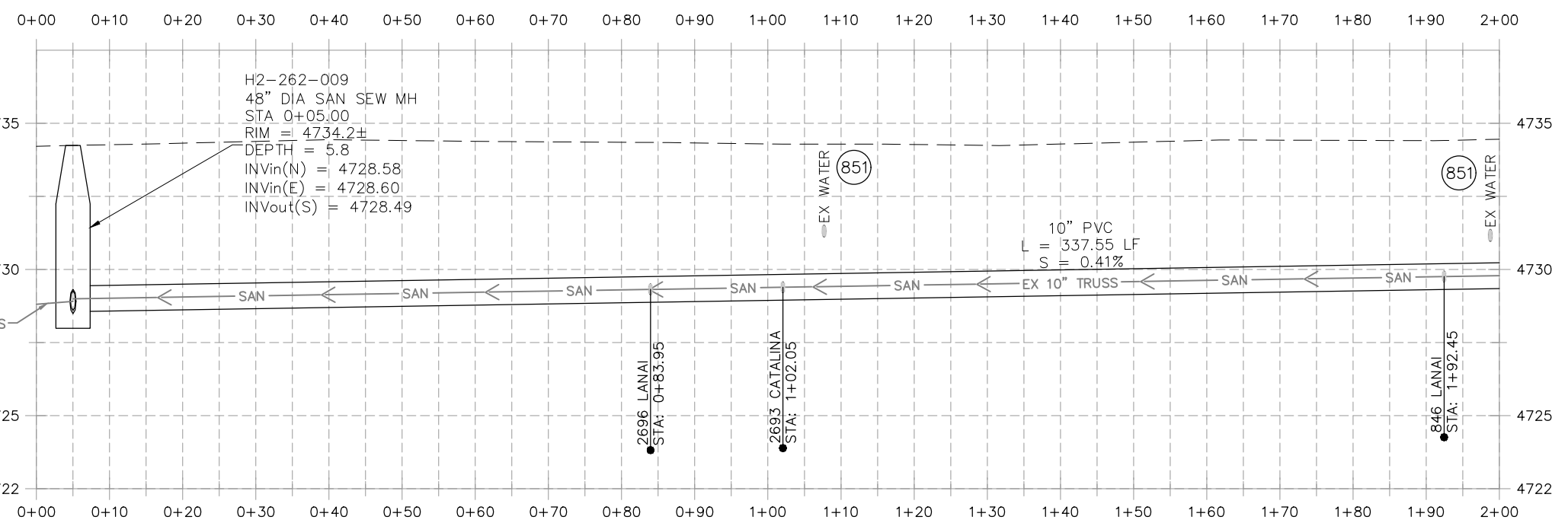
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II  
LINE F' BELFORD AVE  
June 15, 2026**

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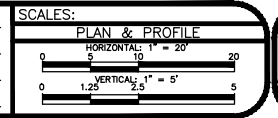


- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
  - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
  - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
  - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 324 102.9/108.2 - 10" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 569 608.06 - MONOLITHIC CURB, GUTTER AND SIDEWALK (ANY CURB TYPE) (6' WIDE)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

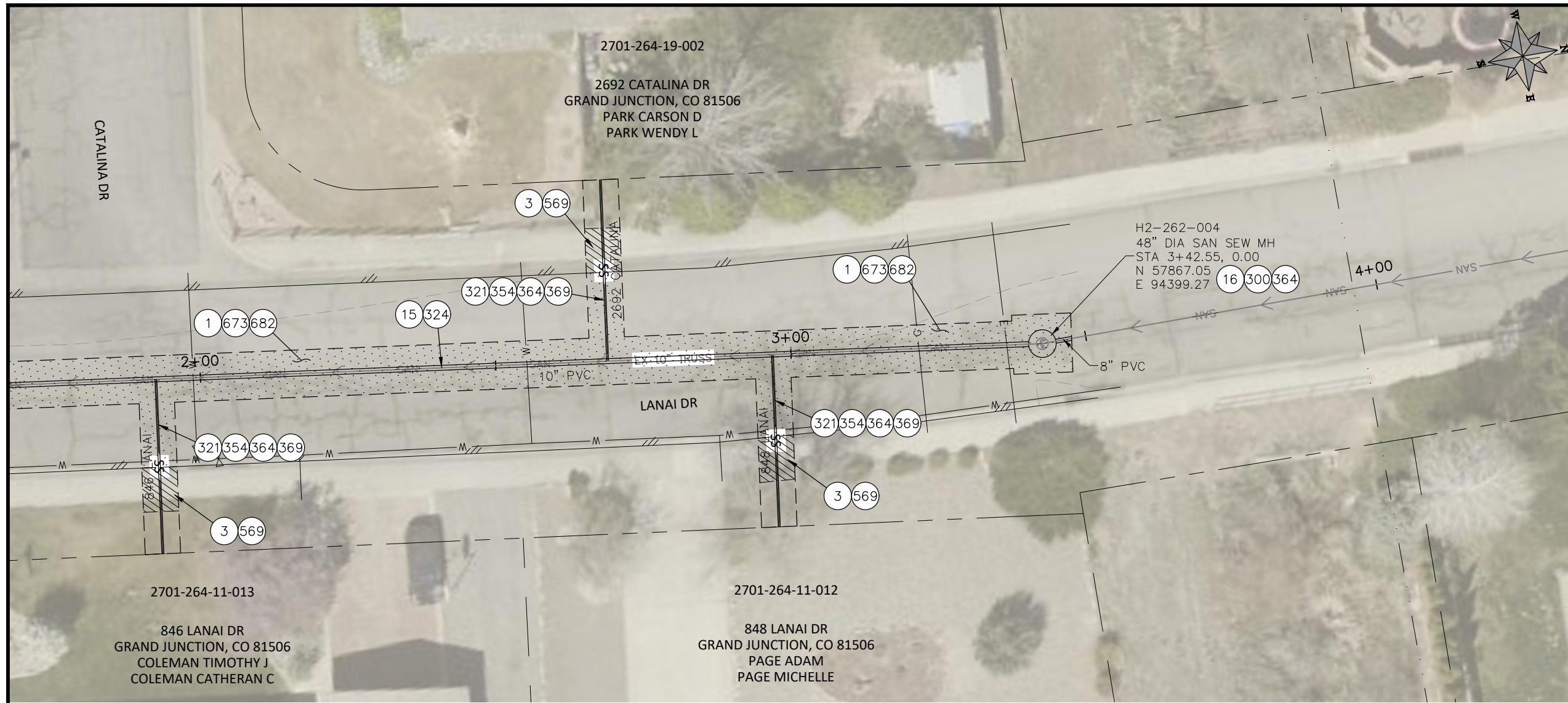
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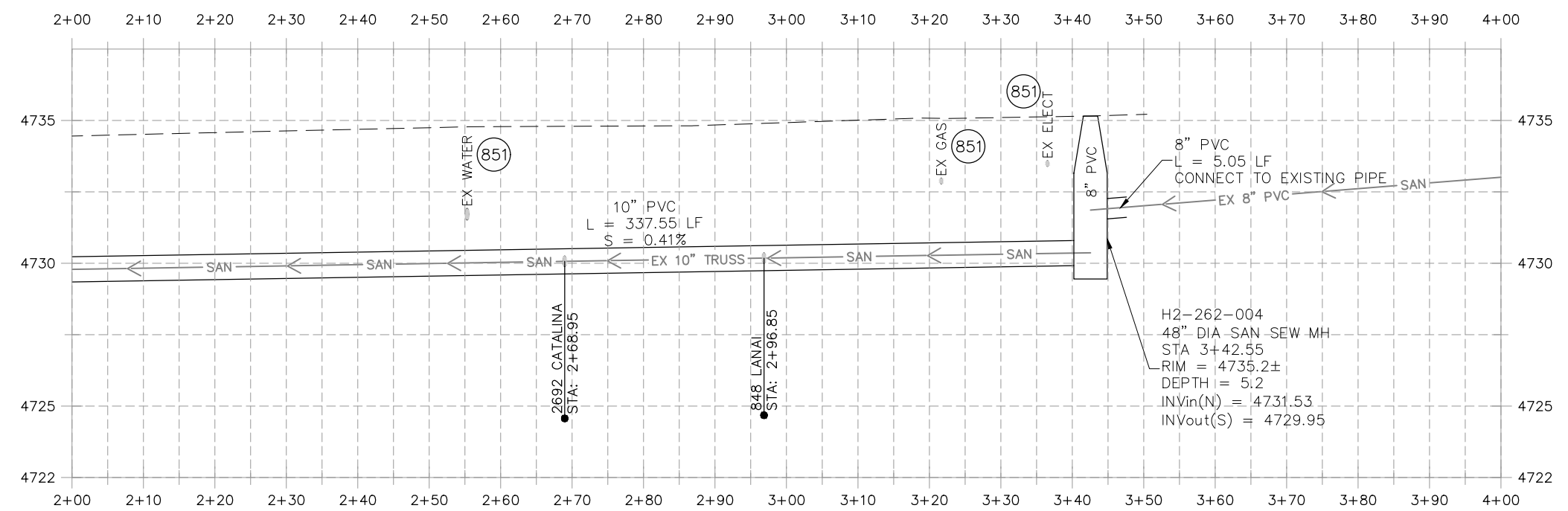
**ENGINEERING AND  
TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II  
LINE G LANAI DR  
June 15, 2026**

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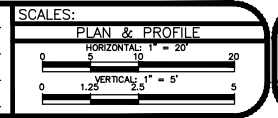


- CONSTRUCTION NOTES**
- 1 202 - REMOVAL OF ASPHALT MAT. CUT & REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
  - 3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
  - 15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
  - 16 202 - REMOVAL OF MANHOLE. CONTRACTOR SHALL SALVAGE RING AND COVER AND DELIVER TO CITY SHOPS
  - 300 102.11/108.5 - SANITARY SEWER BASIC MANHOLE (48" I.D.). INCLUDES CONNECTION OF ADJACENT SEWER LINE, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02).
  - 321 102.9/108.2 - 4" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 324 102.9/108.2 - 10" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
  - 354 104.20 - INSTALL 2-WAY SANITARY SEWER SERVICE CLEANOUT (STD. DETAIL SS-07). INCLUDES CLEANOUT RING AND COVER AND CONCRETE COLLAR IN UNPAVED AREAS (SEE STD. DETAIL SS-07).
  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 569 608.06 - MONOLITHIC CURB, GUTTER AND SIDEWALK (ANY CURB TYPE) (6' WIDE)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

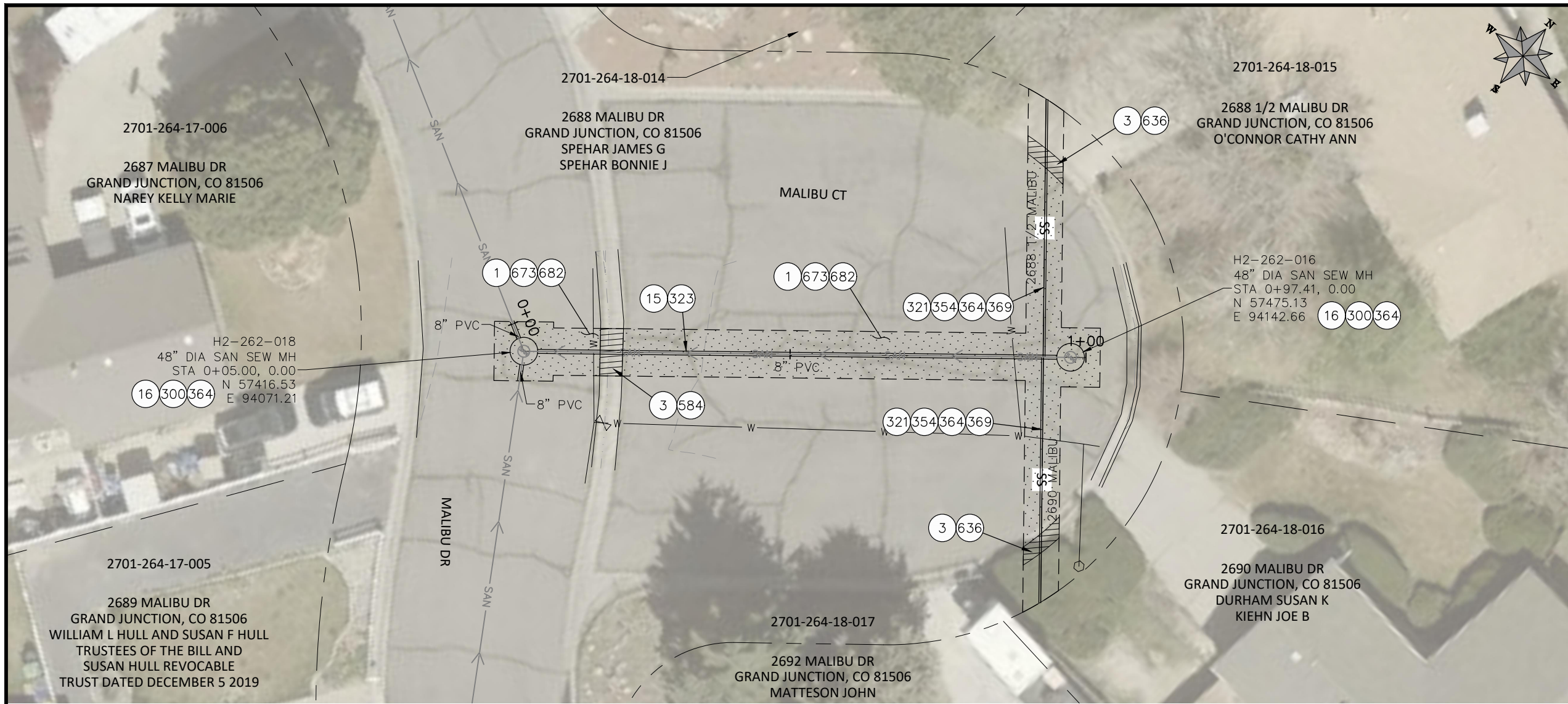
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REVISION			CHECKED BY	ES	DATE	2026
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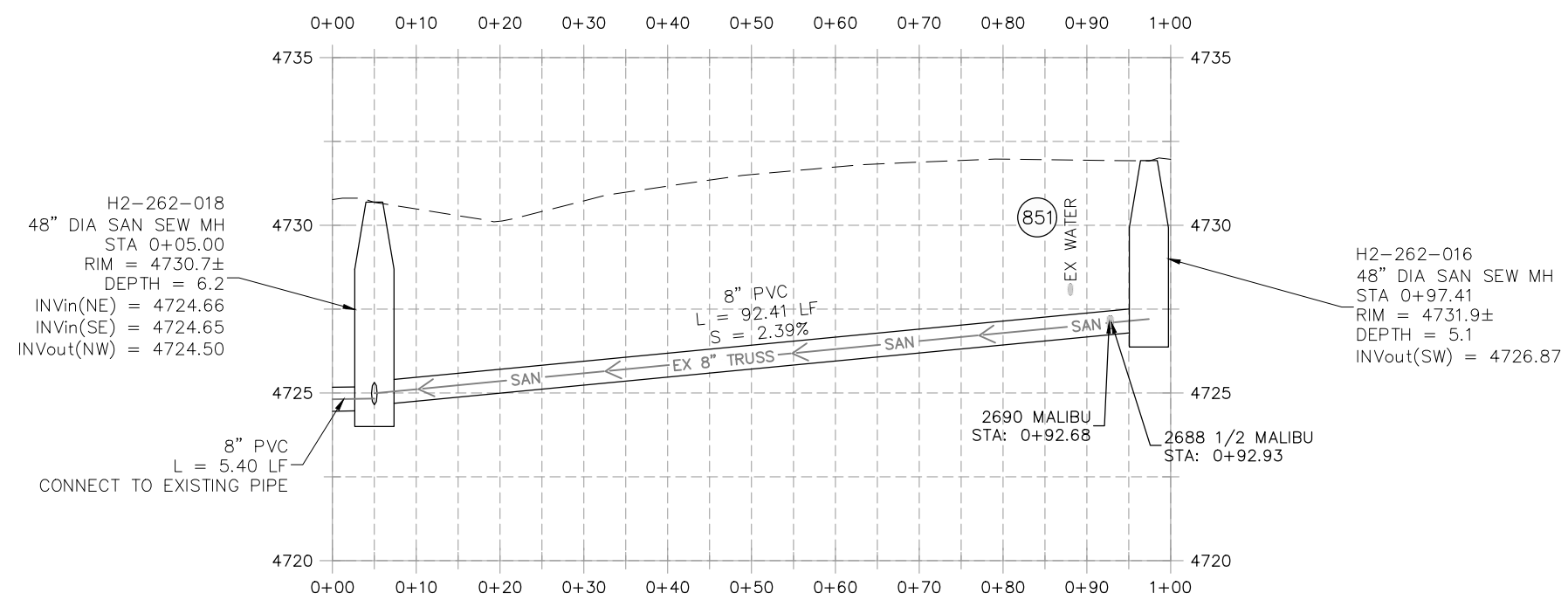
**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
LINE G LANAI DR  
June 15, 2026

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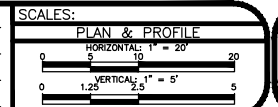
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  - 364 CONNECT TO EXISTING SEWER PIPE. THE CONTRACT PRICE FOR SEWER PIPE SHALL INCLUDE THE COST OF CONNECTION TO EXISTING PIPELINE
  - 369 102.9/108.3 - 8" x 4" SEWER SERVICE TAP. FULL BODY WYE (SEE STD. DETAIL SS-06).
  - 584 608.06 - CONCRETE DRAINAGE PAN (5' WIDE)
  - 636 608.06 - MONOLITHIC CURB, GUTTER (ANY CURB TYPE)
  - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (8" THICK)
  - 682 401.08 - HOT BITUMINOUS PAVEMENT (PATCHING) (4" THICK) (GRADING SX, BINDER GRADE PG 64-22) (TWO 2" LIFTS)
  - 851 DEPTH OF UTILITY ASSUMED, CONTRACTOR TO VERIFY.



**NOTE:**  
CONTRACTOR TO COORDINATE & INVESTIGATE LOCATION OF ACTIVE & INACTIVE SERVICES WITH CITY OF GRAND JUNCTION

REVISION	DESCRIPTION	DATE

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**ENGINEERING AND TRANSPORTATION DEPARTMENT**  
PROJECT NO. C1087

**2026 SEWER LINE REPLACEMENT PHASE II**  
**LINE H MALIBU CT**  
June 15, 2026

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