

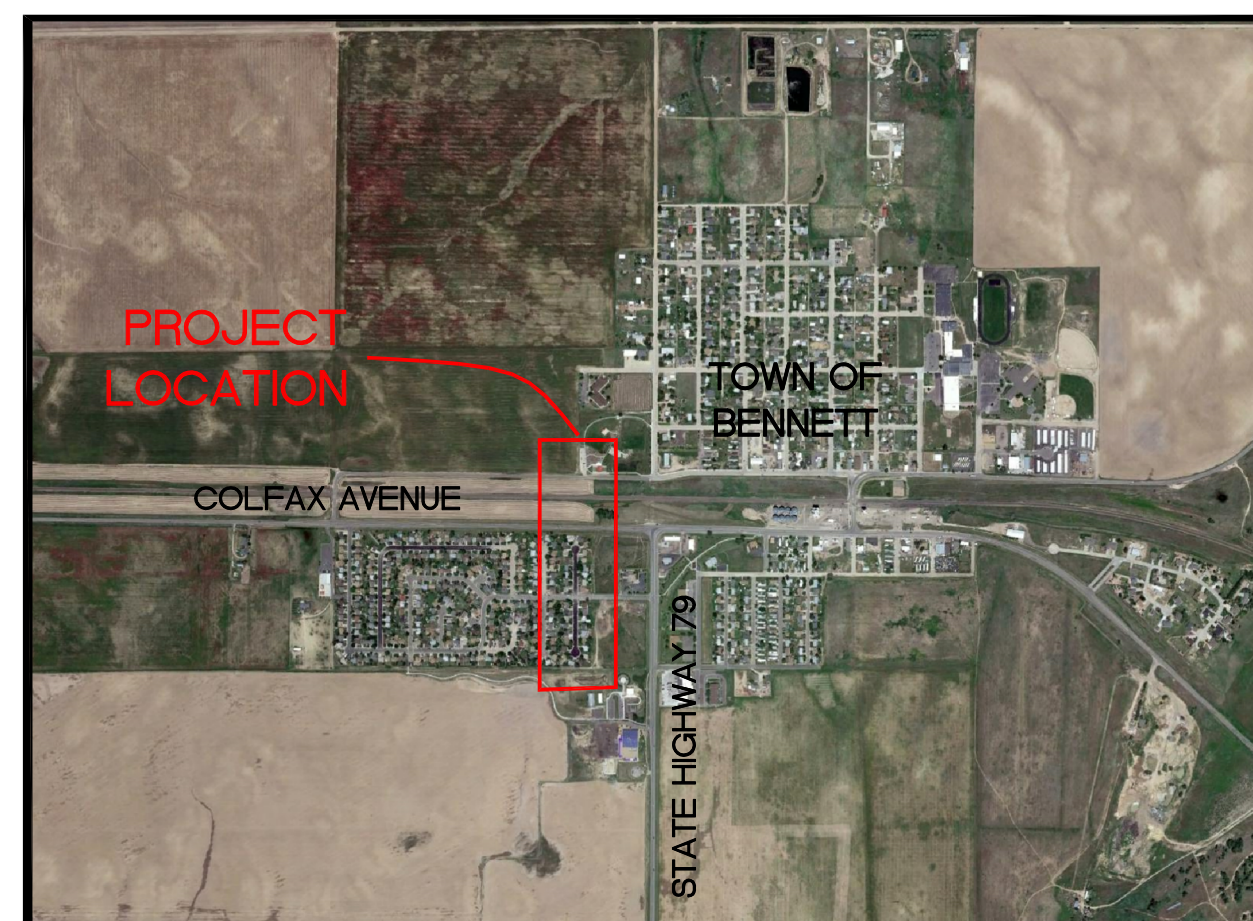
CONSTRUCTION PLANS

FOR THE

PHASE 1 RECYCLED WATER PIPELINE - SEGMENT 2

PREPARED FOR
TOWN OF BENNETT

MAY 2022



LOCATION MAP
NOT TO SCALE



DRAWING INDEX

SHEET	DWG NO.	DESCRIPTION
1	G01	COVER SHEET AND NOTES
2	PP01	PLAN & PROFILE STA 46+00 TO 59+00
3	PP02	PLAN & PROFILE STA 59+00 TO 63+82.34

OWNER
TOWN OF BENNETT
207 MUEGGE WAY
BENNETT, CO 80102
303-644-3249
ATTN: ROBIN PRICE, PUBLIC WORKS DIRECTOR

CONSULTANTS

LOCATES: DIVERSIFIED UNDERGROUND, INC.
SURVEY: DALEY LAND SURVEYING, INC.

SURVEY INFORMATION

COORDINATE SYSTEM IS MODIFIED STATE PLANE ZONE 502 REFERENCED TO NAVD88 NGS BENCHMARK D259, PUBLISHED ELEVATION 5458.57 FEET.

TOWN OF BENNETT STANDARD NOTES:

- All construction shall conform to the Town of Bennett's Design and Construction Standards.
- All materials and workmanship shall be subject to inspection by the Town's Public Works and Engineering Division. The Town reserves the right to accept or reject any such materials and workmanship that does not conform to its Standards and Specifications.
- Contractor shall notify the Engineering Division or the Department of Public Works a minimum of 48 hours and a maximum of 96 hours prior to starting construction.
- Location of existing utilities shall be verified by the Contractor prior to actual construction.
- The Contractor shall have one (1) signed copy of the plans and (1) copy of the Design and Construction Standards at the job site at all times.
- A plan for traffic control during construction shall be submitted to the Town for acceptance with the permit application. An excavation public improvements construction permit will not be issued without an approved traffic control plan for traffic control during construction.

ADDITIONAL PROJECT NOTES:

- THE TOWN IS FURNISHING THE 12" C900 DR18 PVC PIPE ONLY. ALL FITTINGS, APPURTENANCES, AND OTHER PIPE SIZES ARE TO BE FURNISHED BY THE CONTRACTOR.
- REFER TO THE TOWN OF BENNETT STANDARDS (LATEST VERSION) FOR UTILITY CONSTRUCTION INFORMATION AND DETAILS.
- CONTRACTOR SHALL CALL FOR UTILITY LOCATES AND POTHOLE EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING EROSION CONTROL PLANS TO THE TOWN FOR APPROVAL PRIOR TO CONSTRUCTION.
- SITE RESTORATION SHALL CONFORM TO TOWN STANDARDS.
- ALL WORK WITHIN THE UNION PACIFIC RAILROAD (UPRR) RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE PIPELINE CROSSING AGREEMENT BETWEEN UPRR AND THE TOWN OF BENNETT AND OTHER APPLICABLE UPRR REQUIREMENTS.
- ALL WORK WITHIN AND ADJACENT TO THE COLORADO DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE CDOT UTILITY PERMIT.



LINE IS ONE INCH
ON ORIGINAL DRAWING
IF NOT ONE INCH,
ADJUST ACCORDINGLY

REVISIONS	NO.	DESCRIPTION	DATE					
				◀	◀	◀	◀	◀

MSK PROJECT NO: 38-002-02
DRAWN BY: DLT
DESIGNED BY: DLT
CHECKED BY: WR
DATE: 5/2/22
SCALE: NO SCALE

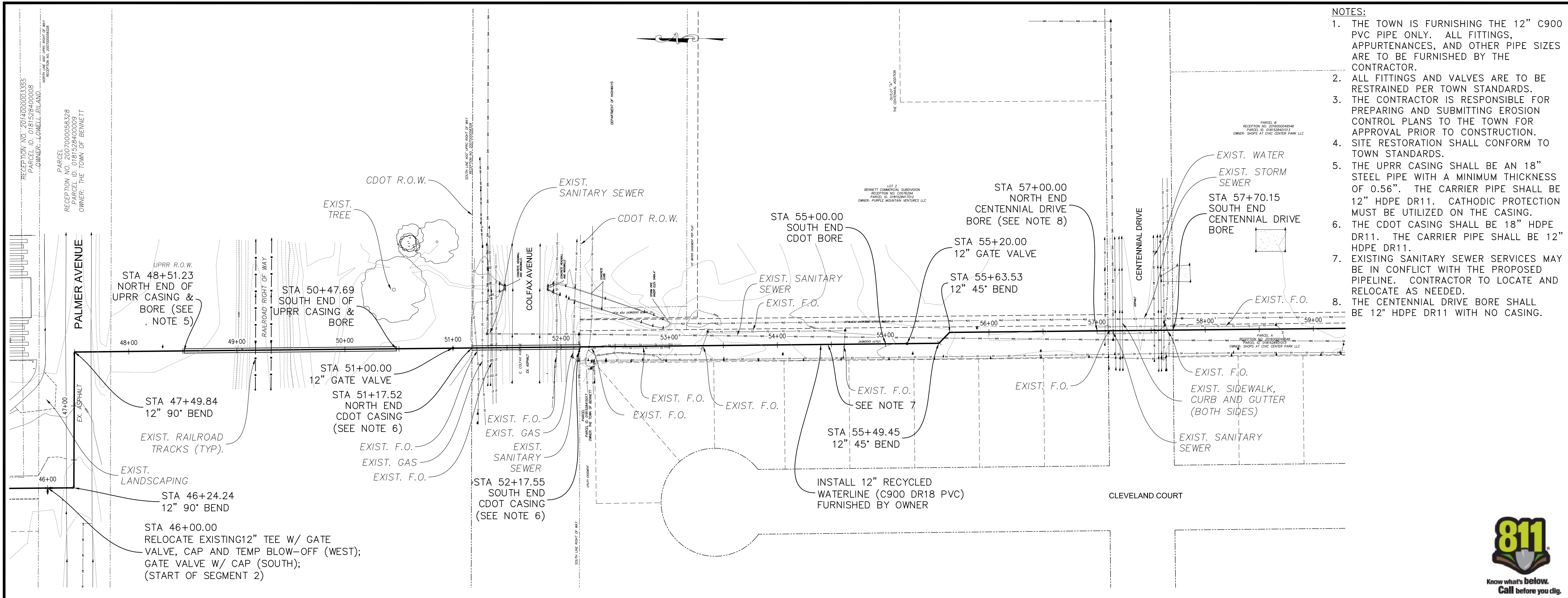
TOWN OF BENNETT

PHASE 1
RECYCLED
WATER PIPELINE
SEGMENT 2

**BID
DRAWING**

COVER SHEET
AND NOTES

G01
SHEET 1 OF 3



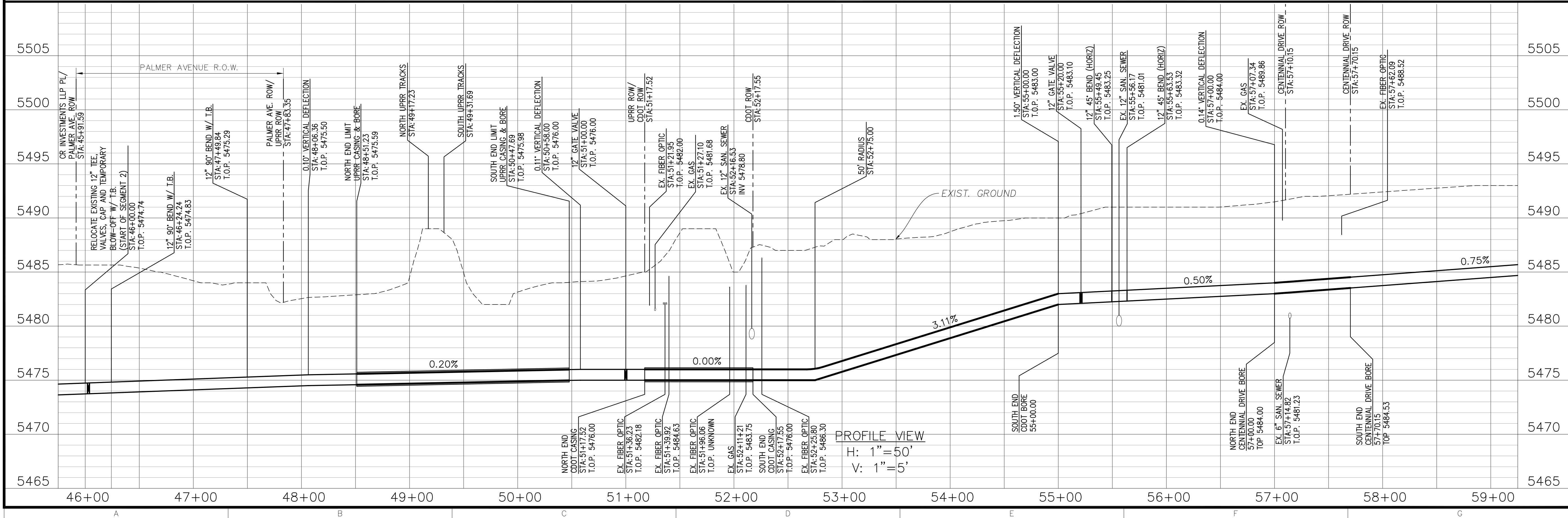
- NOTES:**
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 2. ALL FITTINGS AND VALVES ARE TO BE RESTRAINED PER TOWN STANDARDS.
 3. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING EROSION CONTROL PLANS TO THE TOWN FOR APPROVAL PRIOR TO CONSTRUCTION.
 4. SITE RESTORATION SHALL CONFORM TO TOWN STANDARDS.
 5. THE UPRR CASING SHALL BE AN 18" STEEL PIPE WITH A MINIMUM THICKNESS OF 0.56". THE CARRIER PIPE SHALL BE 12" HDPE DR11. CATHODIC PROTECTION MUST BE UTILIZED ON THE CASING.
 6. THE CDOT CASING SHALL BE 18" HDPE DR11. THE CARRIER PIPE SHALL BE 12" HDPE DR11.
 7. EXISTING SANITARY SEWER SERVICES MAY BE IN CONFLICT WITH THE PROPOSED PIPELINE. CONTRACTOR TO LOCATE AND RELOCATE AS NEEDED.
 8. THE CENTENNIAL DRIVE BORE SHALL BE 12" HDPE DR11 WITH NO CASING.

MSK Consulting, LLC
 7157 S. Andes Circle
 Centennial, CO 80016
 303-903-0918

W2 Engineers, LLC
 19255 W. 84th Place
 Arvada, CO 80007
 720-331-2332

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			REVISIONS



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TOWN OF BENNETT

PHASE 1 RECYCLED WATER PIPELINE SEGMENT 2

BID DRAWING

PLAN & PROFILE
 STA 46+00 TO 59+00

PP01
 SHEET 2 OF 3

PROFILE VIEW
 H: 1" = 50'
 V: 1" = 5'



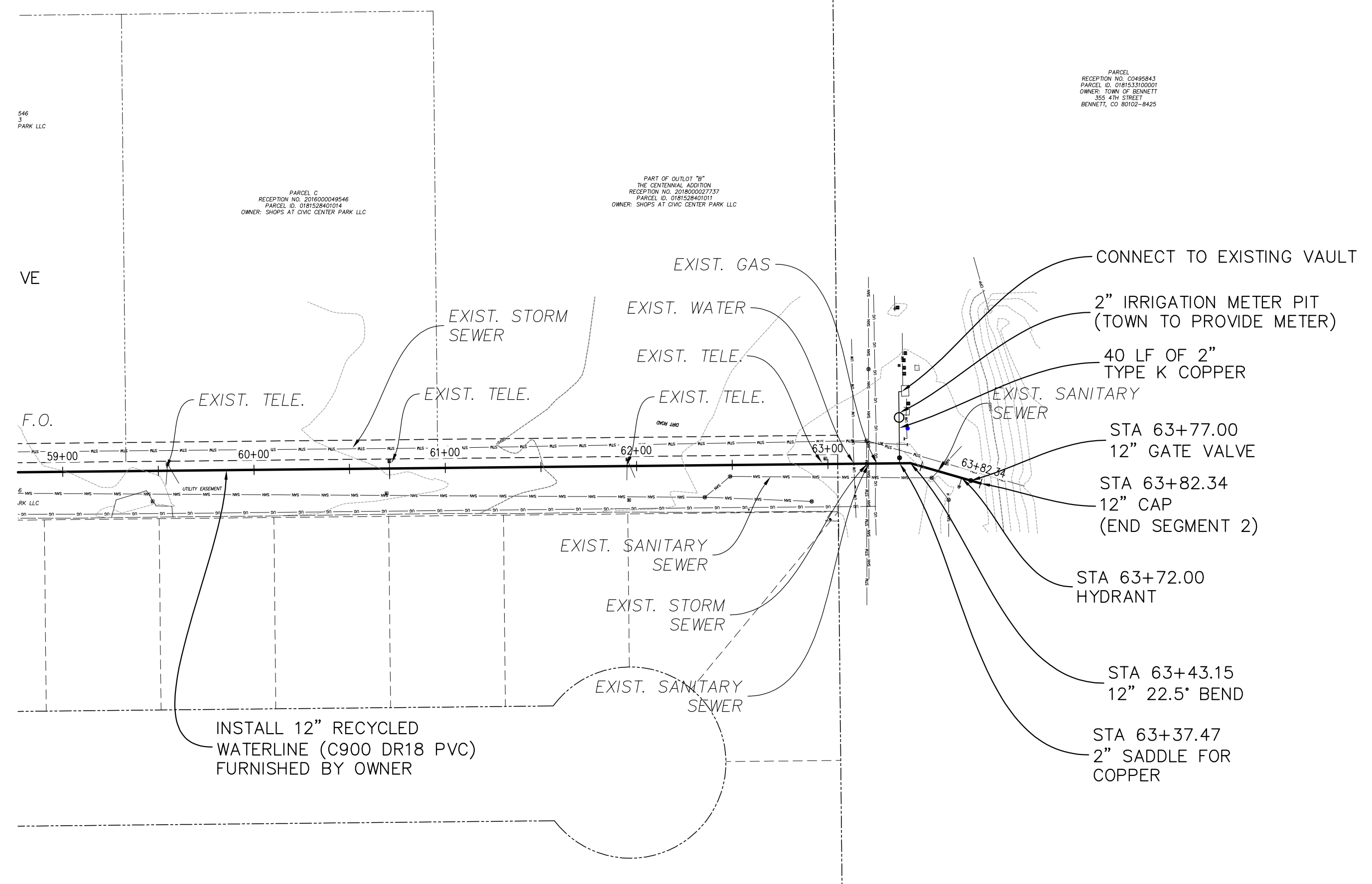
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NOTES:

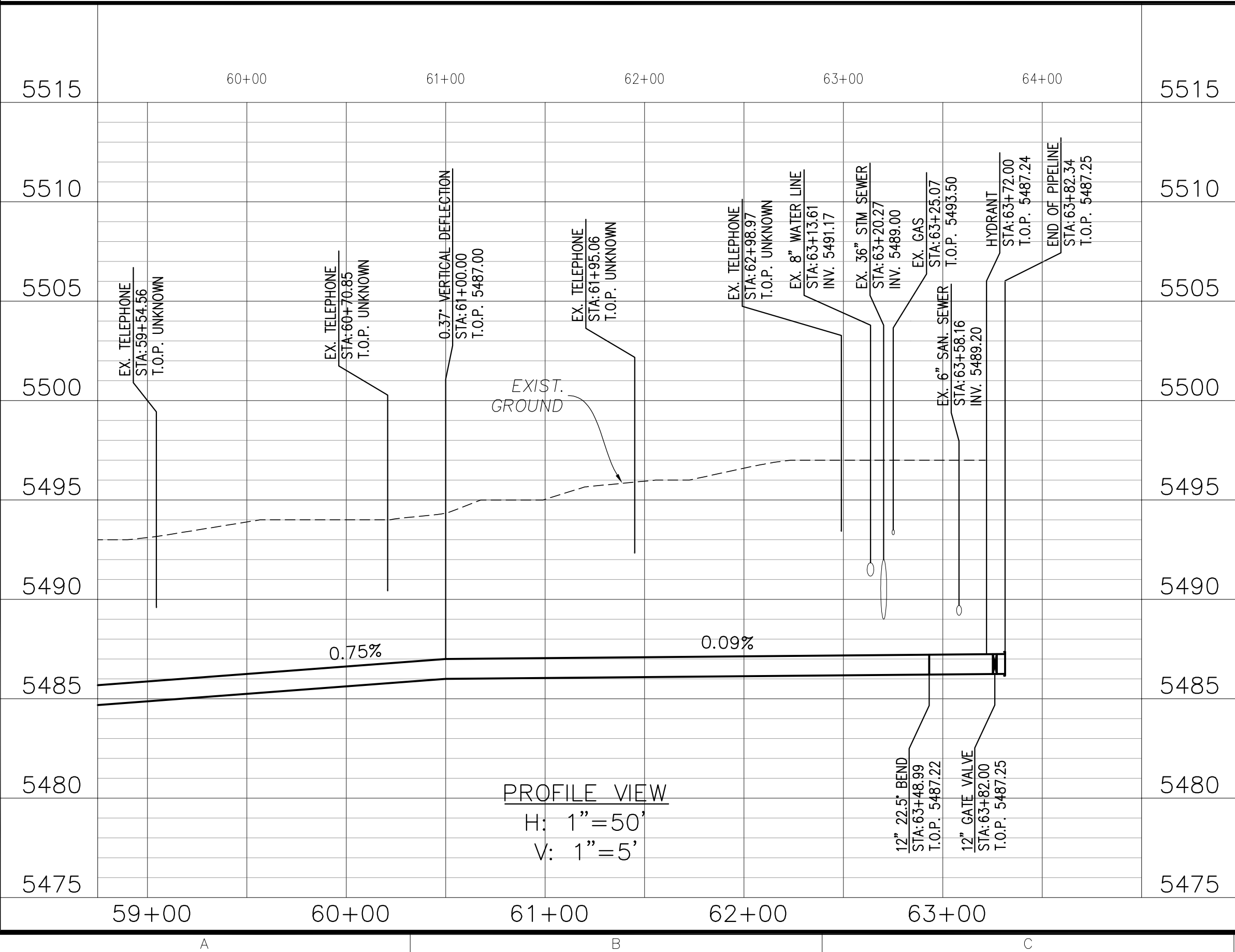
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PP02

SHEET 3 OF 3