

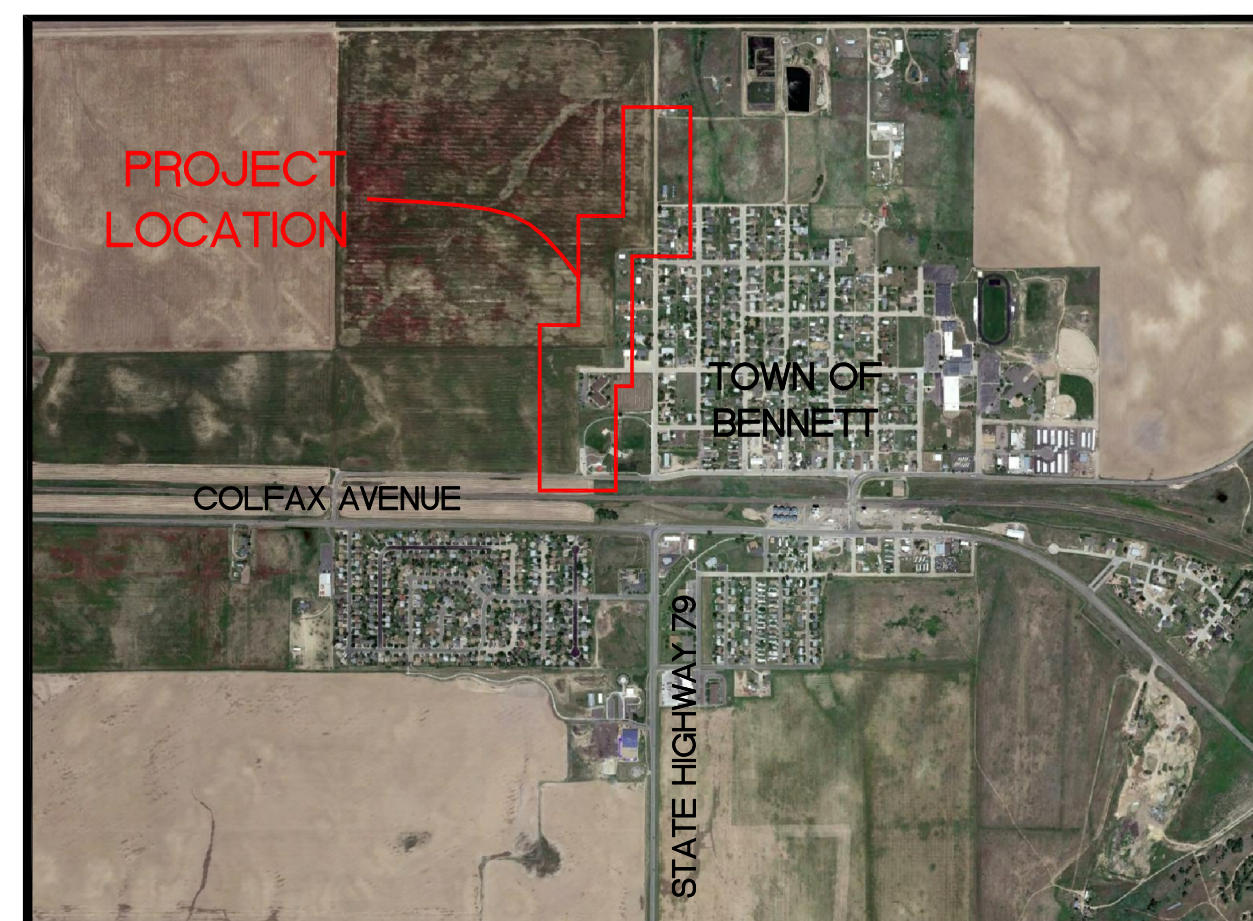
CONSTRUCTION PLANS

FOR THE

PHASE 1 RECYCLED WATER PIPELINE - SEGMENT 1

PREPARED FOR
TOWN OF BENNETT

NOVEMBER 2021



LOCATION MAP
NOT TO SCALE



DRAWING INDEX

SHEET	DWG NO.	DESCRIPTION
1	G01	COVER SHEET AND NOTES
2	PP01	PIPELINE PLAN & PROFILE STA 10+00 TO 22+00
3	PP02	PIPELINE PLAN & PROFILE STA 22+00 TO 33+00
4	PP03	PIPELINE PLAN & PROFILE STA 33+00 TO 45+94.58

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.



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: 11/10/21
SCALE: NO SCALE

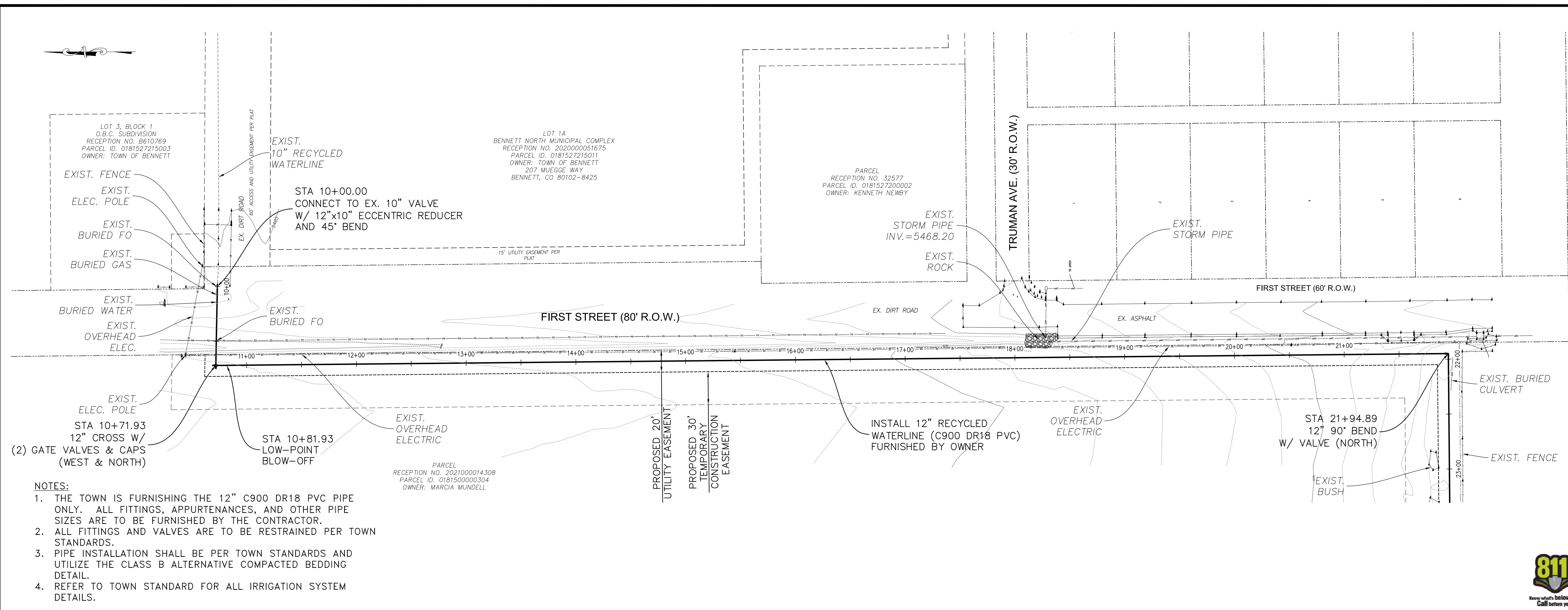
TOWN OF BENNETT

PHASE 1
RECYCLED
WATER PIPELINE
SEGMENT 1

**BID
DRAWING**

COVER SHEET
AND NOTES

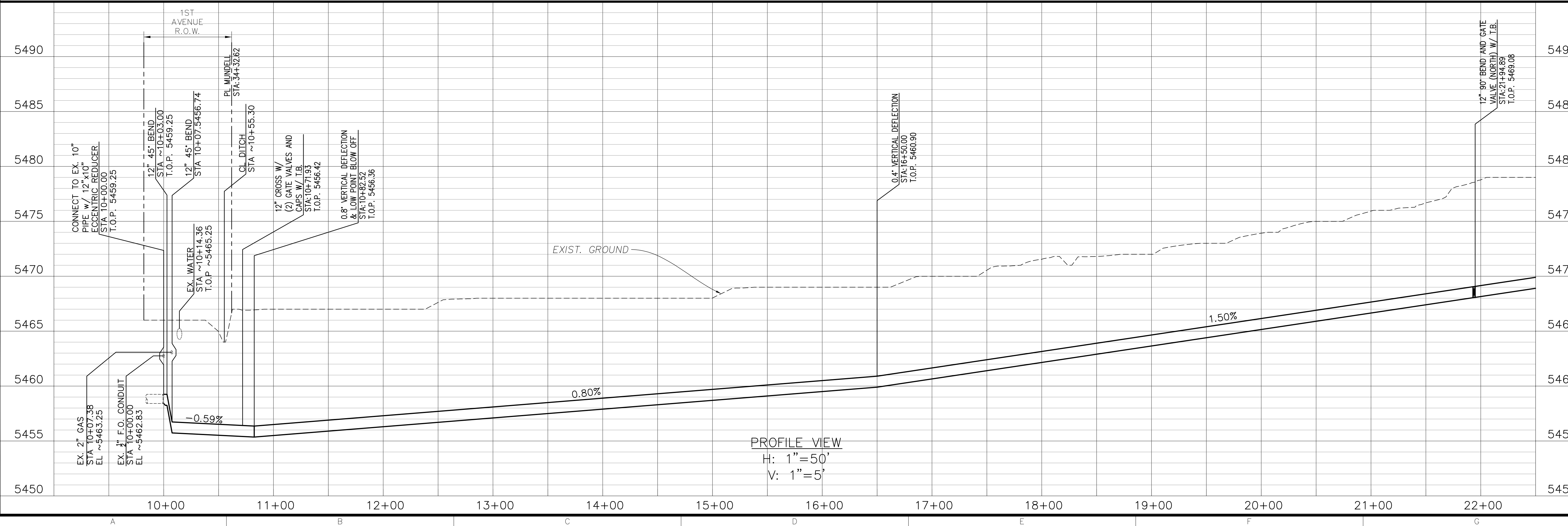
G01
SHEET 1 OF 4



- NOTES:**
1. 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.
 2. ALL FITTINGS AND VALVES ARE TO BE RESTRAINED PER TOWN STANDARDS.
 3. PIPE INSTALLATION SHALL BE PER TOWN STANDARDS AND UTILIZE THE CLASS B ALTERNATIVE COMPACTED BEDDING DETAIL.
 4. REFER TO TOWN STANDARD FOR ALL IRRIGATION SYSTEM DETAILS.

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

NO.	DESCRIPTION	DATE



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

MSK PROJECT NO: 38-002-02

DRAWN BY: DLT
DESIGNED BY: DLT
CHECKED BY: DLT
DATE: 11/10/21
SCALE: 1"=50'

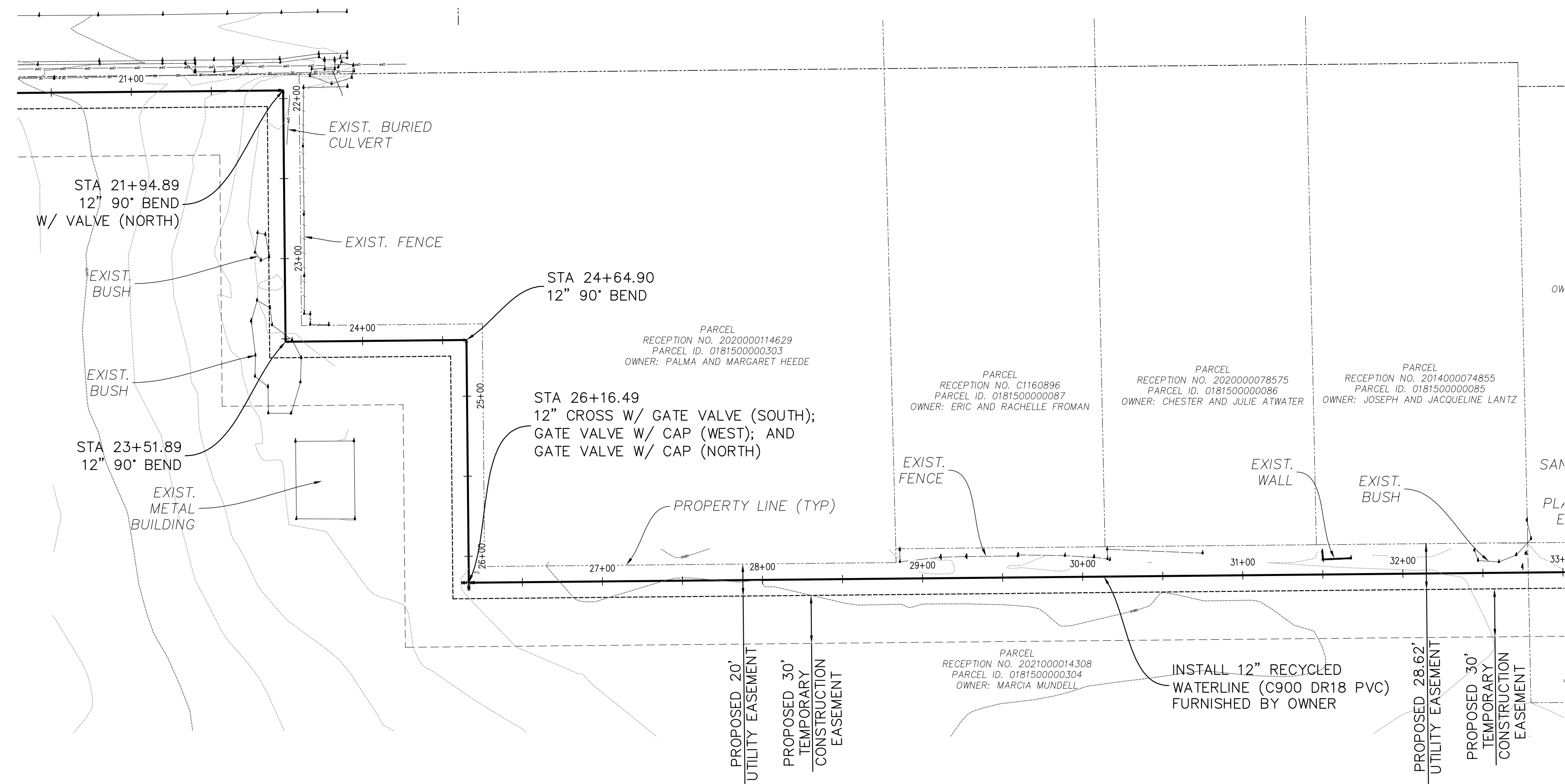
TOWN OF BENNETT

PHASE 1 RECYCLED WATER PIPELINE SEGMENT 1

BID DRAWING

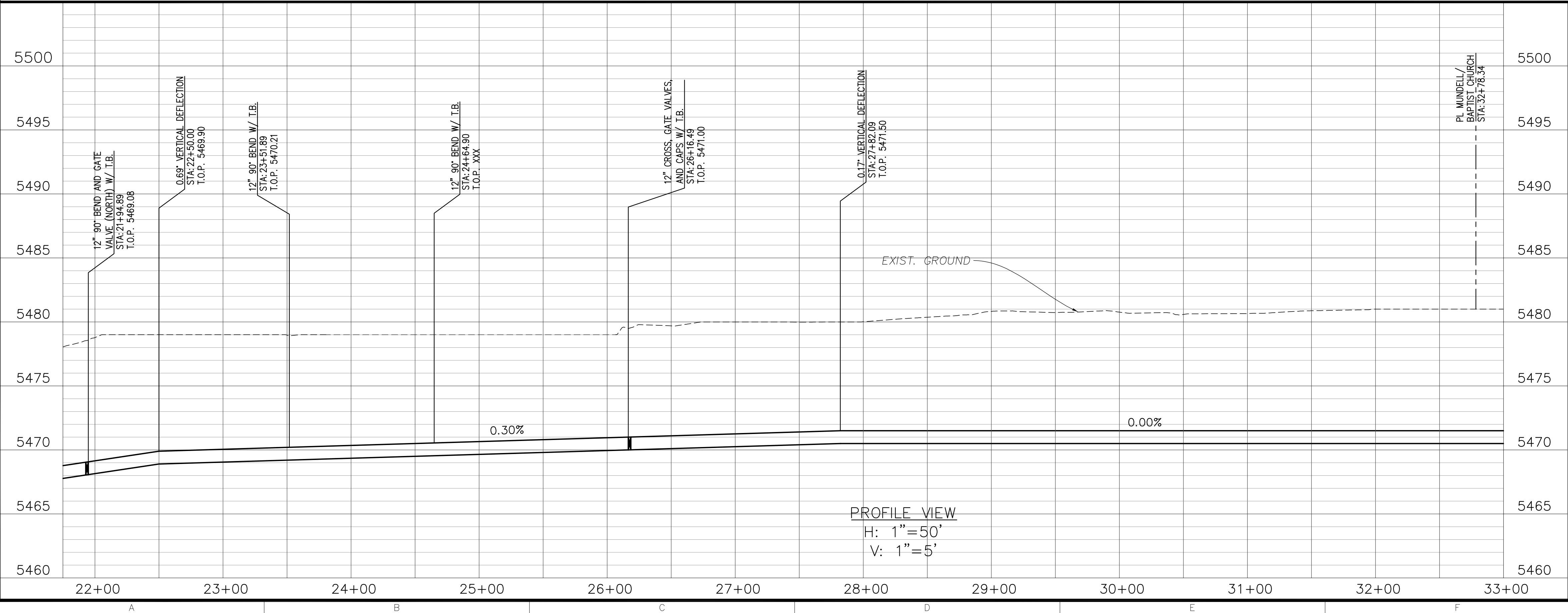
PLAN & PROFILE
STA 10+00 TO 22+00

PP01



NOTES:

1. 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.
2. ALL FITTINGS AND VALVES ARE TO BE RESTRAINED PER TOWN STANDARDS.
3. PIPE INSTALLATION SHALL BE PER TOWN STANDARDS AND UTILIZE THE CLASS B ALTERNATIVE COMPACTED BEDDING DETAIL.
4. REFER TO TOWN STANDARD FOR ALL IRRIGATION SYSTEM DETAILS.



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

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NO.	DESCRIPTION	DATE	REVISIONS			
			1	2	3	4

MSK PROJECT NO: 38-002-02
 DRAWN BY: DLT
 DESIGNED BY: DLT
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 DATE: 11/10/21
 SCALE: 1"=50'

TOWN OF BENNETT

PHASE 1
 RECYCLED
 WATER PIPELINE
 SEGMENT 1

**BID
 DRAWING**

PLAN & PROFILE
 STA 22+00
 TO 33+00

PP02
 SHEET 3 OF 4



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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NO.	DESCRIPTION	DATE	
			REVISIONS



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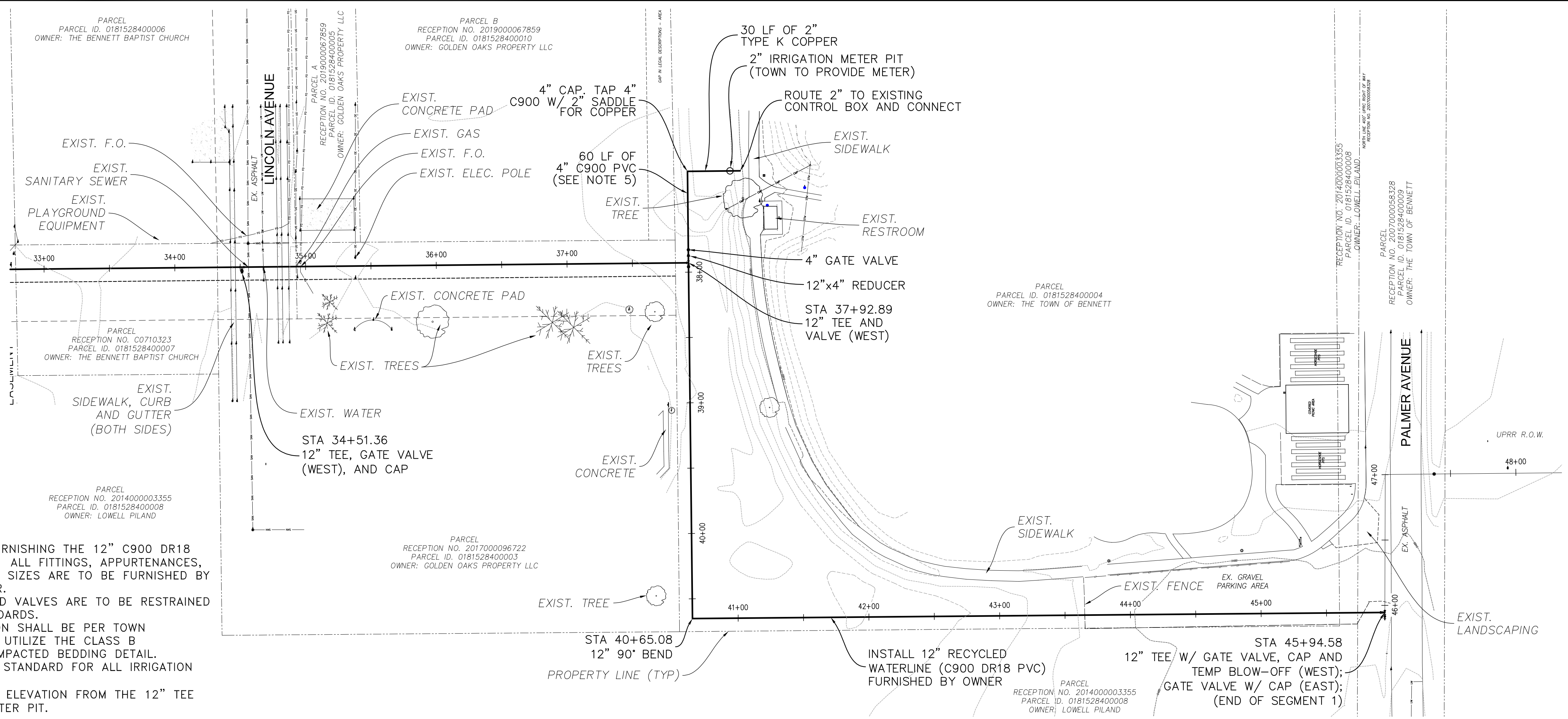
TOWN OF BENNETT
PHASE 1 RECYCLED WATER PIPELINE SEGMENT 1

BID DRAWING

PLAN & PROFILE
STA 33+00 TO 45+94.58

PP03

SHEET 4 OF 4



- NOTES:
1. 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.
 2. ALL FITTINGS AND VALVES ARE TO BE RESTRAINED PER TOWN STANDARDS.
 3. PIPE INSTALLATION SHALL BE PER TOWN STANDARDS AND UTILIZE THE CLASS B ALTERNATIVE COMPACTED BEDDING DETAIL.
 4. REFER TO TOWN STANDARD FOR ALL IRRIGATION SYSTEM DETAILS.
 5. MAINTAIN INVERT ELEVATION FROM THE 12" TEE TO THE NEW METER PIT.

