COMMISSIONERS' MINUTES – DAVIS COUNTY

WORK SESSION MEETING MINUTES
Thursday, July 13, 2023

The Board of Davis County Commissioners met for a Work Session at 1:30 PM on Thursday, July 13, 2023, in room 306 of the Davis County Administration Building, 61 South Main Street, Farmington, Utah. Required legal notice of this meeting was given.

All documents from this meeting are on file in the Davis County Clerk's Office. The agenda for this meeting is incorporated into the minutes as item headers.

DISCLAIMER

The meeting was an open dialogue. Critical points in the discussion have only been briefly summarized. The reader may refer to the audio recording and the publicly distributed materials for further clarification of the content. Timestamps have been noted in the minutes to aid in locating points of discussion in the audio record. The audio recording for this meeting is available based upon the County's current retention schedule.

ROLL CALL:

Chair Lorene Miner Kamalu
Vice Chair Bob J Stevenson
Commissioner Randy B. Elliott
Chief Deputy Clerk Rebecca Abbott
Chief Deputy Civil Attorney Neal Geddes
Attorney's Office Mike Kendall
Auditor's Office Jordan Tilley
Clerk's Office Jessy Turner
Community and Economic Development (CED) Office Jeff Oyler
Health Department Director Brian Hatch
Health Department Deputy Director Dave Spence
Health Department Environmental Health Services Division Director Jay Clark
Human Resources and Risk Director Chris Bone
Public Works Director Adam Wright
Bowen Collins and Associates Cristina Nelson
J-U-B Engineering Tracy Allen
West Point City, City Manager Kyle Laws
West Point City Assistant City Manager, City Engineer Boyd Davis
West Point City Mayor Brian Vincent

OPENING

The meeting convened at 1:39 PM.

AGENDA ITEMS:

1. #602/2023**. Discussion related to West Point City sewer expansion** — *presented by Commissioner Elliott*

Commissioner Kamalu stated this meeting is an update for the Commissioners on the sewer expansion project. Jeff Oyler represents the County on the board managing this particular project. He said at the last meeting, which Commissioner Elliott also attended, it was decided to give the Commissioners an update on the project status, the pipe and pump stations designs, and what challenges are ahead.

[Minute 3:03]
Boyd Davis, West Point City Assistant City Manager and City Engineer, stated this is a major project and he has been grateful for the support from West Point City officials and other partners. He then went through a PowerPoint presentation. [See Attachment A.]

The project area is in unincorporated Davis County but is on the annexation plan for both West Point and Clinton. It currently uses septic systems to service what homes are out there. However, there is pressure for more housing development in the area which could not be supported with the existing septic systems. Recently, the Davis County Health Department completed a study regarding septic systems within the County. For these reasons, West Point City began looking at alternate ways to provide sewer management to the area's current and future homes and formed a partnership with Davis County to help finance the project. Currently, there is $22 million set aside for the project.

Much of the area is too low to be gravity fed, necessitating some pump stations. [The term pump station and lift station were used interchangeably throughout the meeting.] Boyd then showed a map of the different project areas. Any of the sections in red would have to be serviced by a pump station. There was much discussion on Areas 7 and 8 because Clinton City has a lift station that might be able to service those two project areas. Because of this, Areas 7 and 8 were not factored into the project design. Boyd specifically pointed where State Highway 37 and the Howard Slough meet, often called "Pig Corner." This location is the backbone of the whole project since it will act as the trunk for all branching lines. As such, project designs were made for Area 1 and 2, along with the corresponding lift stations. The lift stations were placed in locations that would service the most amount of existing and future homes.

[Minute 11:14]
As of right now, the project designs are 90% complete and are projected to be ready for bids in the middle of August. The plans are currently being reviewed by different agencies, including North Davis Sewer District, who will ultimately receive the

wastewater. It was mentioned if the project is built to North Davis Sewer's specification, they will help maintain it. However, their specifications are strict and may be cost prohibited but the option is still being explored.

There was discussion on the design and placement of the pump stations. The stations were designed to be deep enough to support homes with basements and will be waterproofed sufficient to combat the area's high water table. Each station requires a half acre lot to accommodate the eventual replacing of the lift station. The property for lift stations 1 and 2 are currently in the process of being purchased. Offers have been made to the owners, both of whom are willing to sell. Right now, the final purchase details are being worked out.

[Minute 14:41]
The remainder of the meeting was spent reviewing the five different project alternates and the effect on existing homes in the project area. Each alternate is broken down further into sub-projects to make acquiring funds a little easier. Of all the alternate projects, West Point City recommends Alternative 5 as it will service more homes and sets up the area better for any future expansion. This version, however, costs $25 million, leaving $3 million to be sourced. There was extensive discussion on how to connect existing homes to the sewer line, location permitting, and who would pay for the connection. There was discussion on having the County offer a grant, use of federal grants, using State SLFRF funds, using an impact fee, and creating a special service district. Brian Hatch, Health Department Director, iterated the County takes a "sewer first" approach and wants to get as many homes connected to the sewer line as feasible. The cost to connect the homes is not included in the project costs as it will vary based on the distance between the house and the closest sewer line.

[Minute 54:48]
At the conclusion of the discussion, Boyd stated the project needs to be completed by the end of 2026. Both West Point and Clinton are allowing the annexation to be homeowner driven at this time. He also requested County assistance with researching different funding options, especially exploring the use of State funds. The Commissioners agreed that someone from the County will assist. Jordan Tilley, Auditor's Office, stated the State will be giving further direction on using SLFRF funds soon which will help with the discussion. Boyd also said a decision about how to fund connecting existing homes needs to be answered as soon as possible; they are already getting phone calls, and only expect the volume to increase. Lastly, the Commissioners recommended these as the next steps: finalize the needed interlocal agreements, get further guidance on if federal grants could be used to pay for connecting existing homes, get official bids for the project, determine who will talk with State appropriator, and finally, inform any State legislators that may be an interested party about the project.

Commissioner Kamalu thanked everyone involved on this project and stated the County will work to get West Point City more information on funding sources by August 15.

MEETING ADJOURNED

Meeting was adjourned at 2:55 PM

ATTACHMENTS

All publicly distributed materials associated with this meeting are noted as the following attachments:

A. Sewer Expansion Project Presentation

Minutes Prepared by:

Jessy Turner
Deputy Clerk

Brian McKenzie
Davis County Clerk

Minutes Approved on:

08/01/2023

~~Lorene Miner Kamalu~~ Bob J Stevenson
Commission ~~Chair~~ Vice Chair



Sewer Expansion

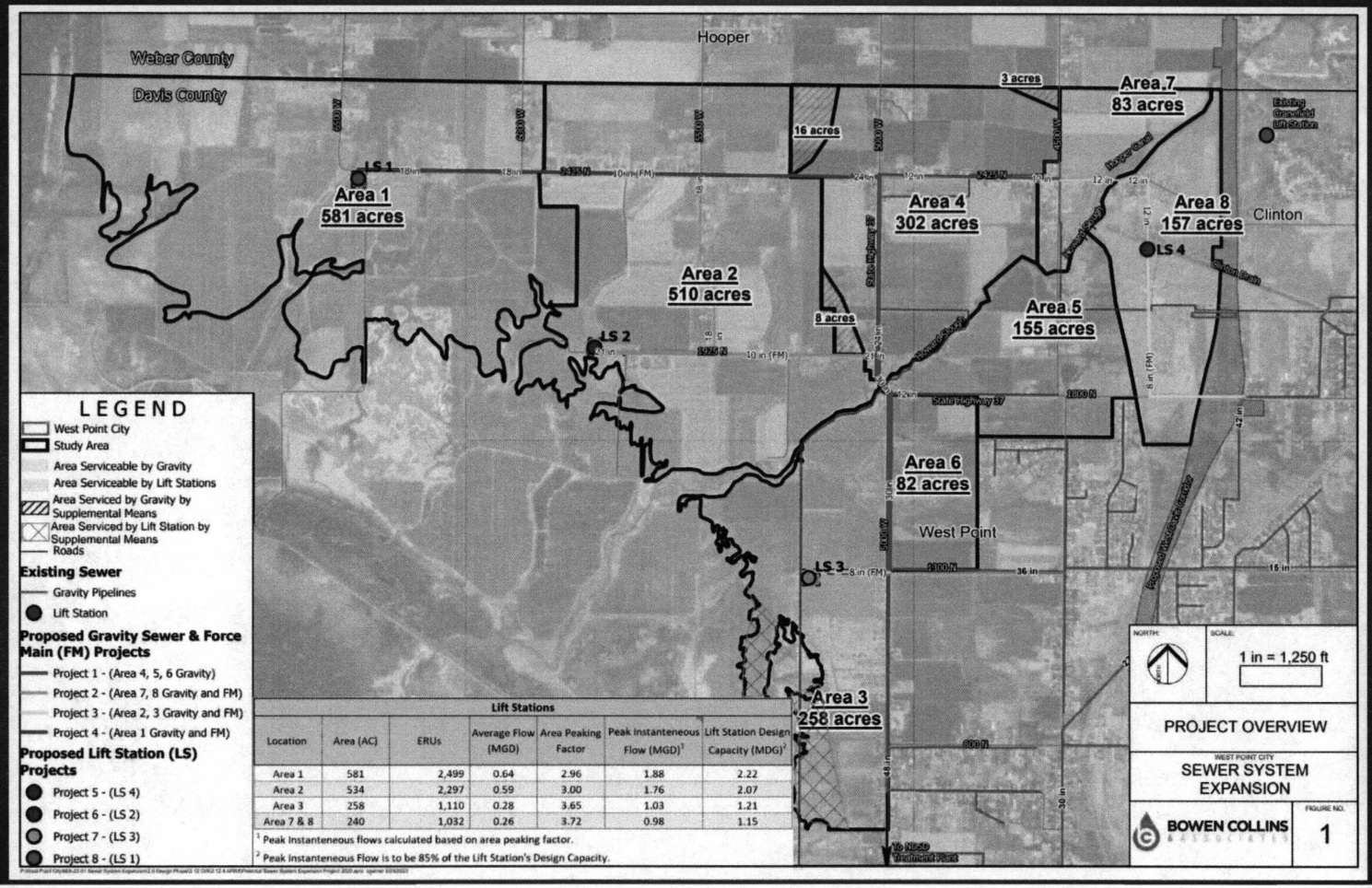
DAVIS COUNTY/WEST POINT CITY


PROJECT
AREA
CLINTON
SUNSET
15
WEST POINT
CLEARFIELD
15
SYRACUSE
A2

Agenda

- Design progress 90%
  - Trunk Lines
  - Lift Stations
- Property Purchase
- Cost Update
- Public Information
- Connecting Existing Homes

What Are We Designing?



Lift Stations

Location	Area (AC)	ERUs	Average Flow (MGD)	Area Peaking Factor	Peak Instanteneous Flow (MGD)[1]	Lift Station Design Capacity (MDG)[2]
Area 1	581	2,499	0.64	2.96	1.88	2.22
Area 2	534	2,297	0.59	3.00	1.76	2.07
Area 3	258	1,110	0.28	3.65	1.03	1.21
Area 7 & 8	240	1,032	0.26	3.72	0.98	1.15

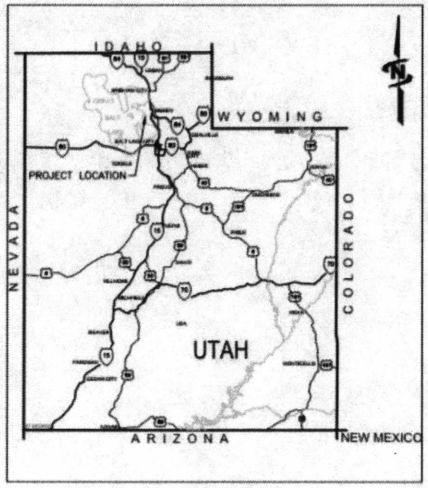
[1] Peak Instanteneous flows calculated based on area peaking factor.

[2] Peak Instanteneous Flow is to be 85% of the Lift Station's Design Capacity.

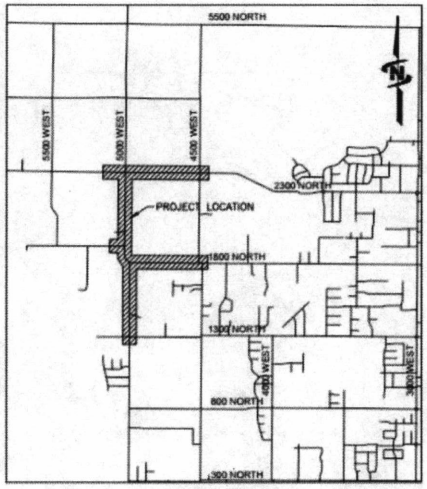
PROJECT 1 SEWER SYSTEM EXPANSION

WEST POINT CITY

June 2023



AREA MAP



VICINITY MAP

PRELIMINARY PLANS NOT FOR CONSTRUCTION

WEST POINT UTAH

Davis COUNTY

PROJECT NO. 55-22-117

Sheet List Table	
DRAWING	TITLE
	GENERAL
G-001	COVER
G-002	GENERAL NOTES
G-003	LINE LEGEND & DETAIL KEY
G-004	SYMBOLS & ABBREVIATIONS
	CIVIL
C-001	SHEET KEY
C-101	ALIGNMENTS
C-102	OVERALL UTILITY PLAN
C-103	STRUCTURE TABLE
C-201	PLAN & PROFILE 5000 WEST
C-202	PLAN & PROFILE 5000 WEST
C-203	PLAN & PROFILE 5000 WEST
C-204	PLAN & PROFILE 5000 WEST
C-205	PLAN & PROFILE 5000 WEST
C-206	PLAN & PROFILE 5000 WEST
C-207	PLAN & PROFILE 5000 WEST
C-208	PLAN & PROFILE 5000 WEST
C-209	PLAN & PROFILE 5000 WEST
C-210	PLAN & PROFILE 5000 WEST
C-211	PLAN & PROFILE 5000 WEST
C-212	PLAN & PROFILE 2425 NORTH
C-213	PLAN & PROFILE 2425 NORTH
C-214	PLAN & PROFILE 2425 NORTH
C-215	PLAN & PROFILE 2425 NORTH
C-216	PLAN & PROFILE 2425 NORTH
C-217	PLAN & PROFILE 2425 NORTH
C-218	PLAN & PROFILE 1925 NORTH
C-219	PLAN & PROFILE 1800 NORTH
C-220	PLAN & PROFILE 1800 NORTH
C-221	PLAN & PROFILE 1800 NORTH
C-222	PLAN & PROFILE 1800 NORTH
C-223	PLAN & PROFILE 1800 NORTH
C-224	PLAN AND PROFILE SOUTH ARM HOWARD SLOUGH
C-501	DETAILS
C-502	DETAILS
C-503	DETAILS
C-504	DETAILS
C-505	DETAILS
C-506	DETAILS
C-507	DETAILS
C-508	DETAILS
	STRUCTURAL
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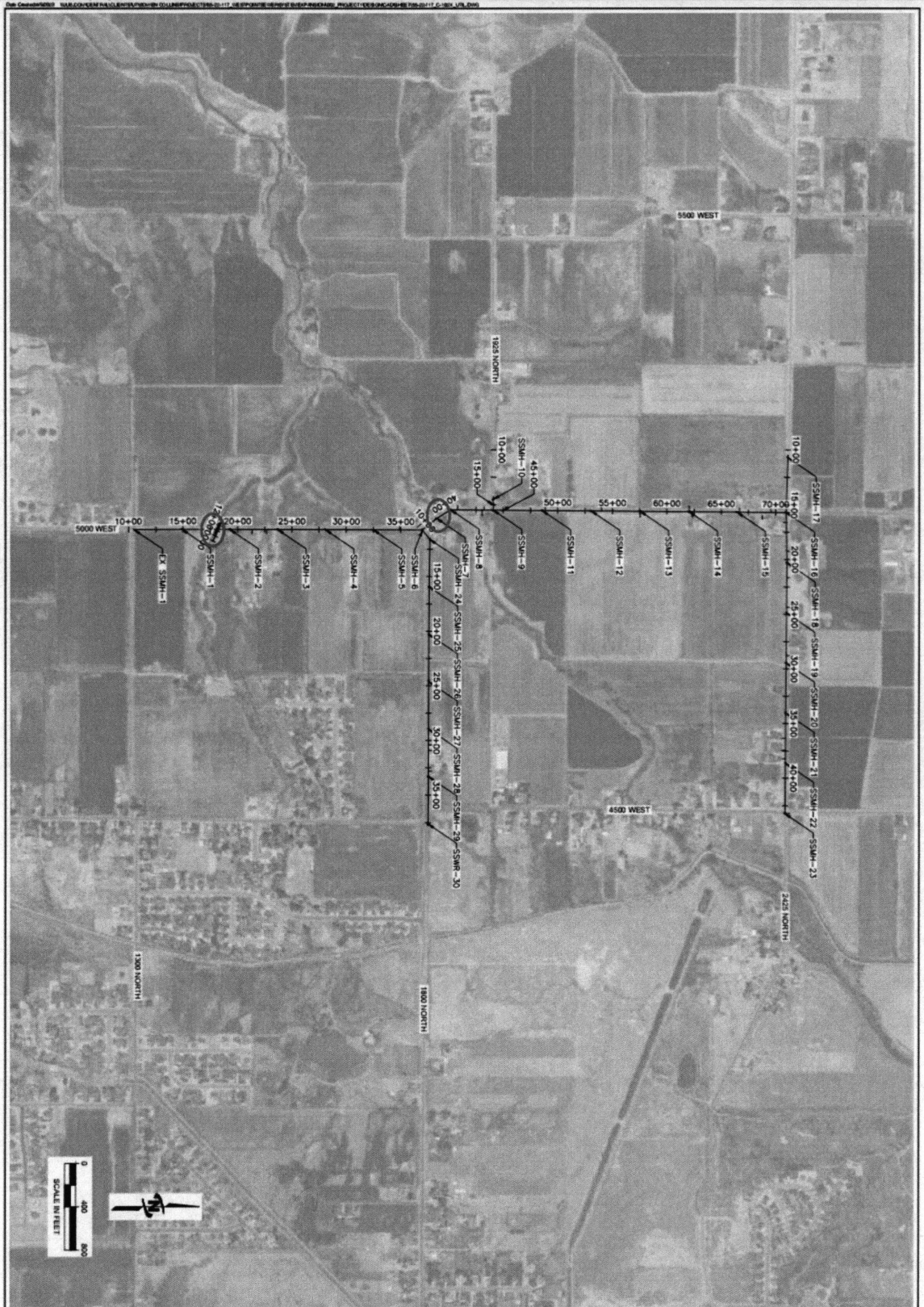
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G-001



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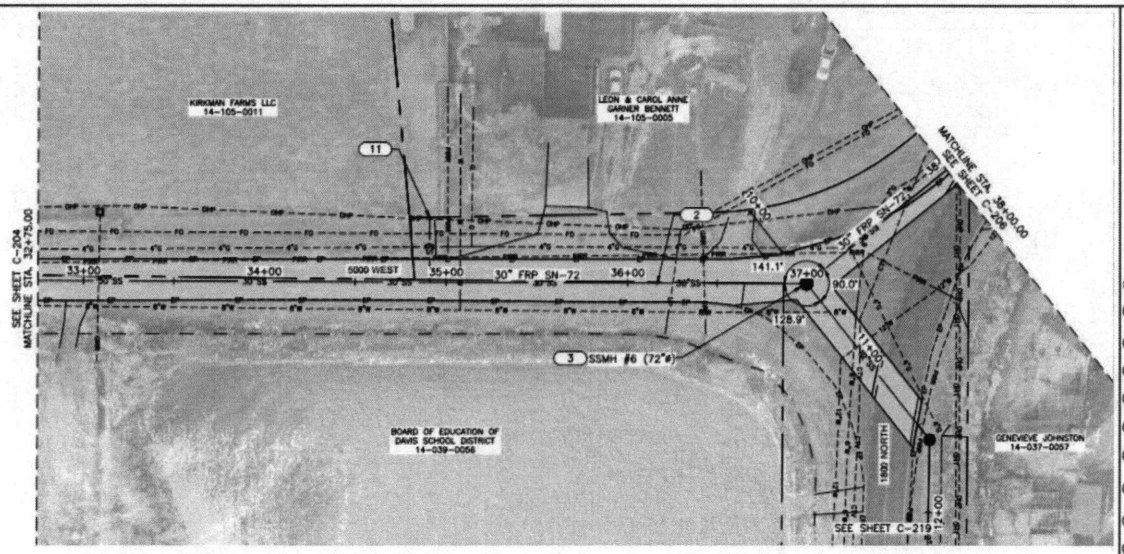
OVERALL UTILITY PLAN

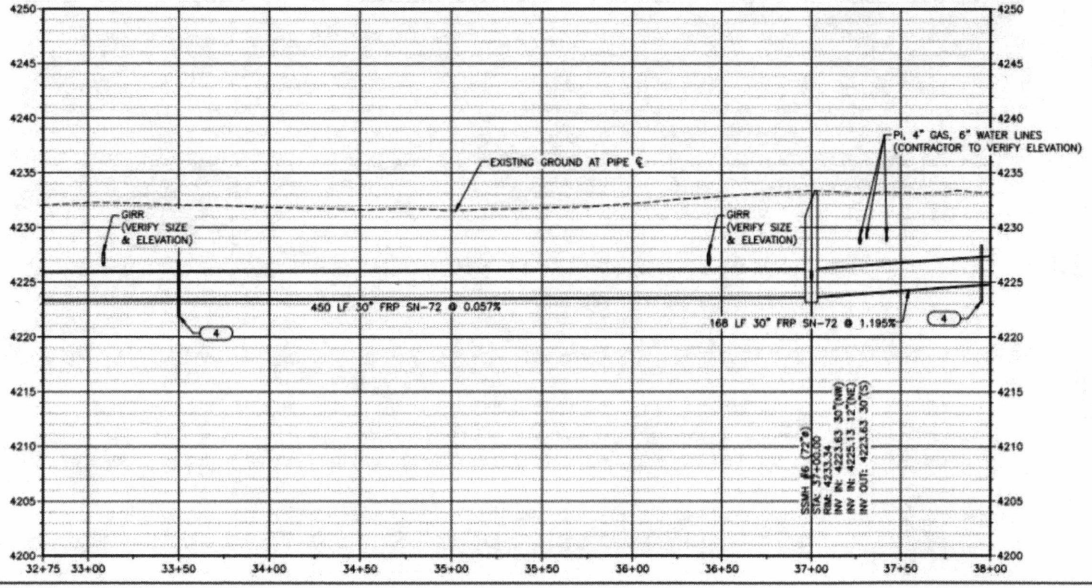
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PRELIMINARY PLANS

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5. GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PRE-EXISTING GRADES/SLOPES.
6. PROTECTION OF ALL UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE EXACT LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS IS APPROXIMATE AND IS NOT TO BE RELIED ON AS EXACT OR COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO POTHOLE AND VERIFY THE LOCATIONS AND/OR ELEVATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

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2. INSTALL PIPE AT SLOPE SHOWN ON PROFILE, SEE TYPICAL TRENCH DETAIL UNDER ASPHALT XX-XX
3. PRECAST POLYMER MANHOLE AT SIZE INDICATED ON PLANS, SEE TYPICAL NDSD STD MANHOLE DETAIL XX-XXX
4. TRENCH PLUG, SEE DETAIL XX-XXX
5. REMOVE EXISTING 48" CORRUGATED METAL PIPE AND CONSTRUCT SOUTH ARM OF HOWARD SLOUGH CROSSING, SEE DETAIL XX-XXX
6. PRECAST REINFORCED CONCRETE MANHOLE AT SIZE INDICATED ON PLANS, SEE WPC STD MANHOLE DETAIL XX-XXX
7. ADD MAXIMUM 1 DEGREE DEFLECTION ANGLE AT PIPE JOINTS PER MANUFACTURER RECOMMENDATIONS. PIPE DEFLECTIONS MUST NOT EXCEED 1/2 OF MAXIMUM MANUFACTURER RECOMMENDED DEFLECTION ANGLE.
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9. CAP PIPE STUB AT SIZE SHOWN ON PLANS, SEE SPEC XX XX XX
10. INSTALL PIPE AT SLOPE SHOWN ON PROFILE, SEE TYPICAL TRENCH DETAIL ON SHOULDER XX-XXX
11. INSTALL 4" SEWER LATERAL AT 2% SLOPE

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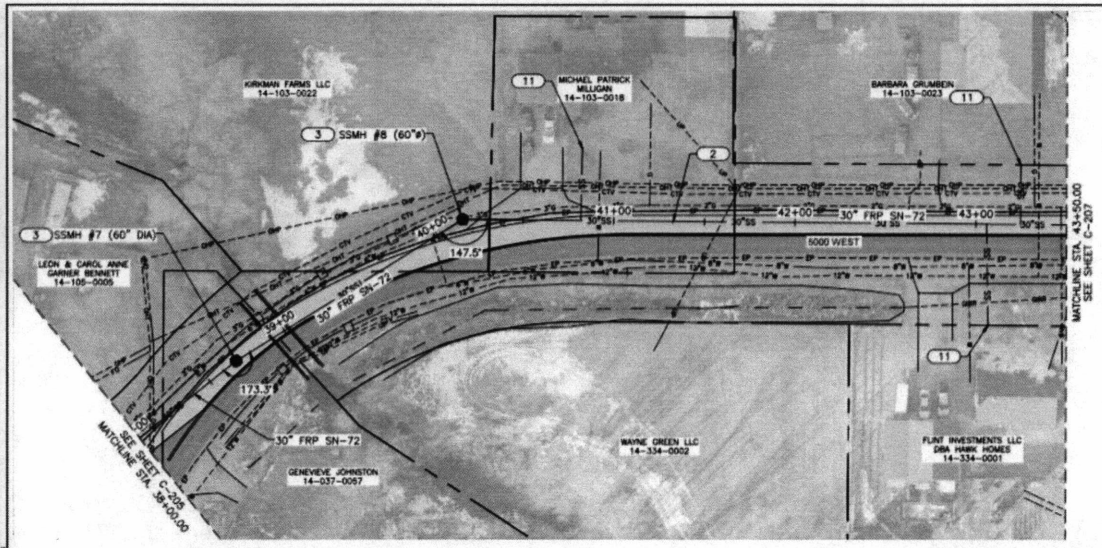
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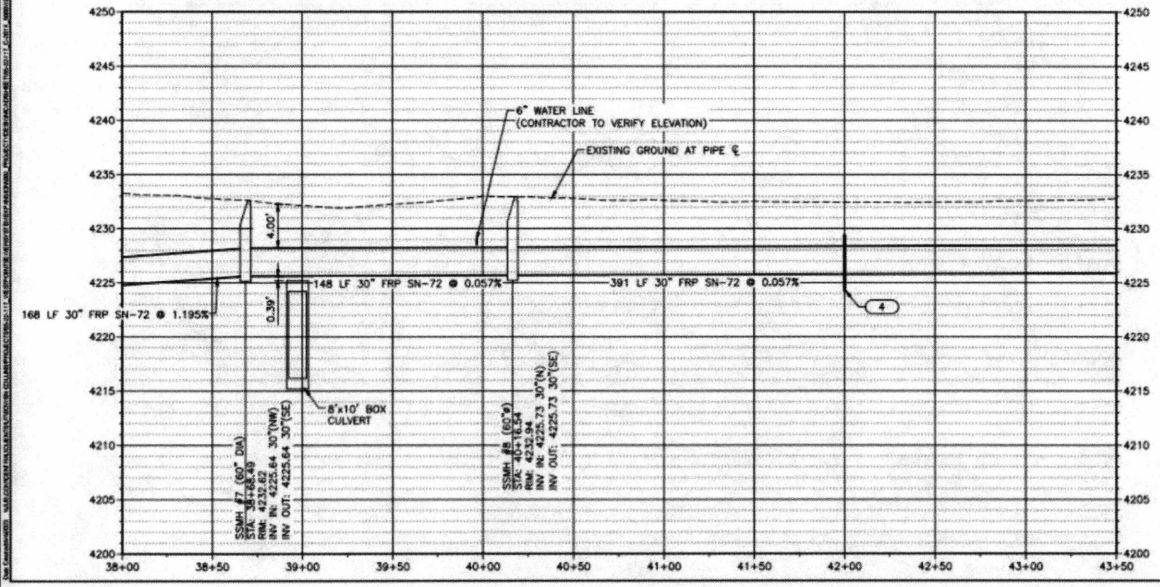
PROJECT 1 SEWER SYSTEM EXPANSION
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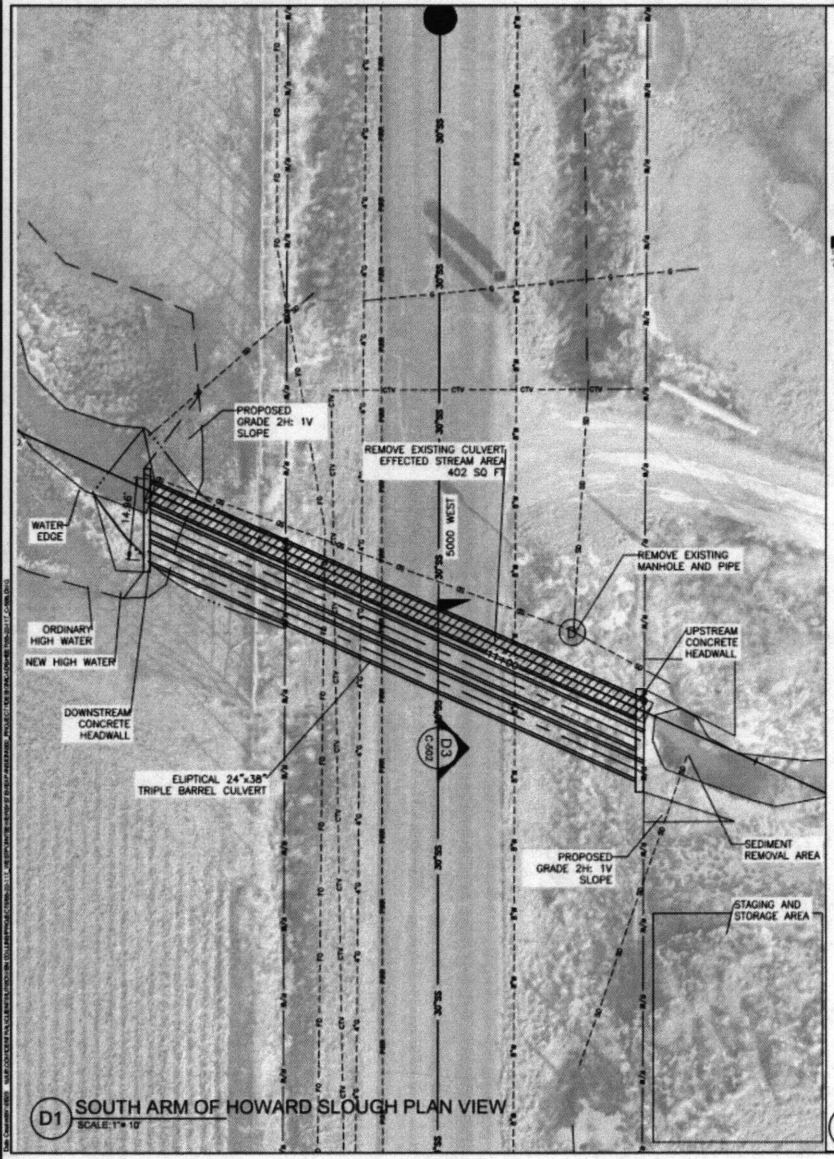
PROJECT 1 SEWER SYSTEM EXPANSION
WEST POINT CITY

PLAN & PROFILE 5000 WEST

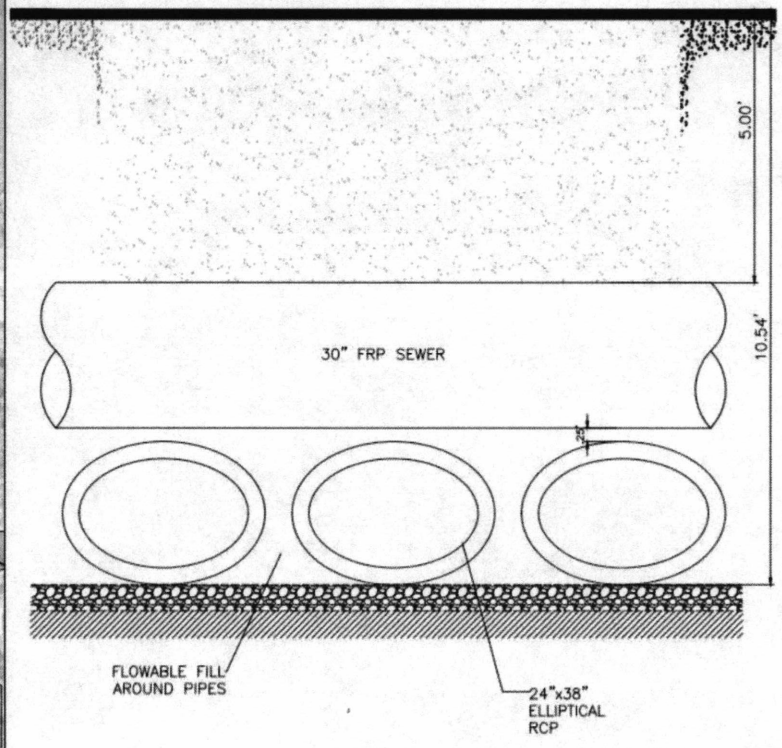
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C-206

A3



D1 SOUTH ARM OF HOWARD SLOUGH PLAN VIEW
SCALE: 1" = 10'



D3 SOUTH ARM HOWARD SLOUGH SECTION VIEW
SCALE: 1" = 1'

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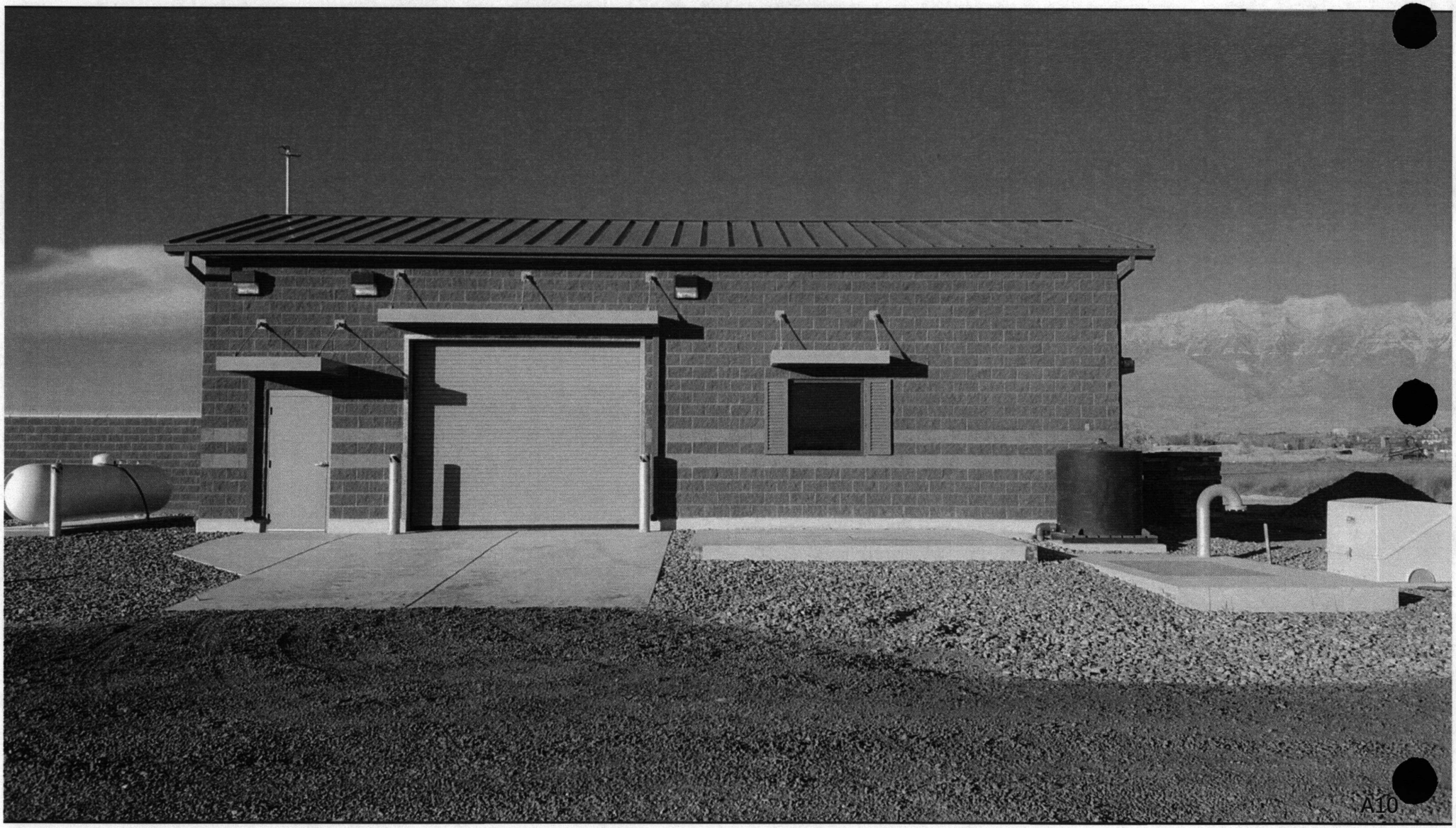
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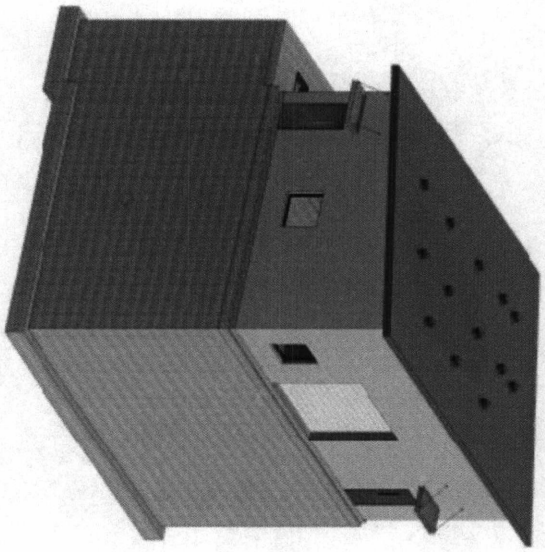
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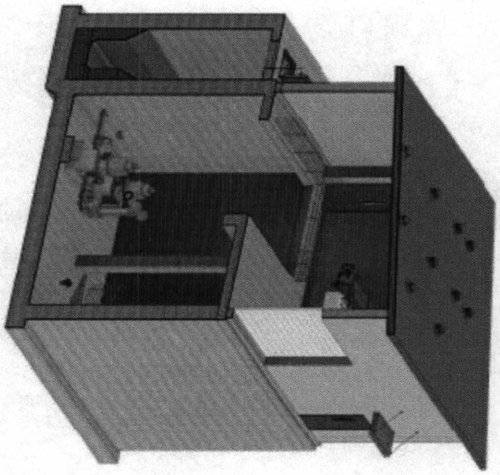
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WEST POINT CITY

DETAILS

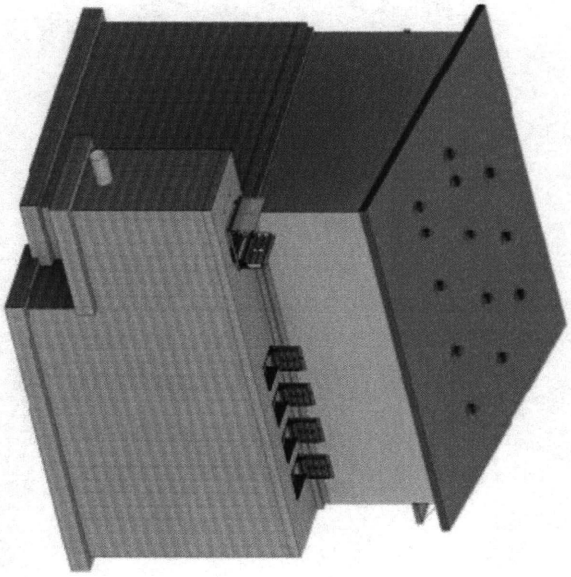
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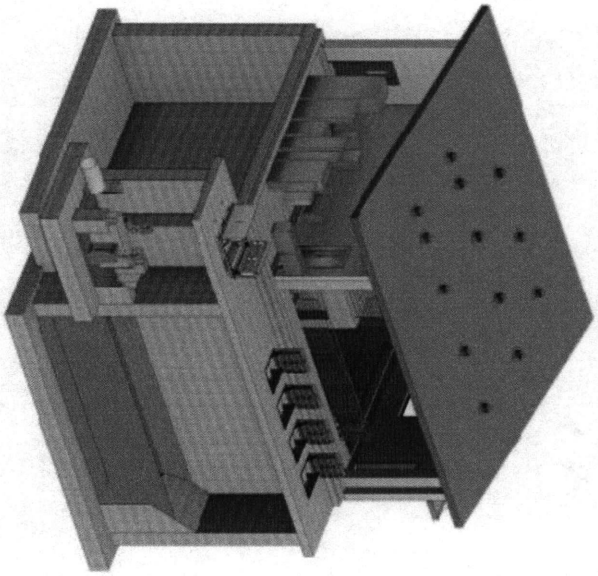






DRAWING NO. G-05	COORDINATION 3D VIEWS-1	WEST POINT CITY SEWER SYSTEM EXPANSION PROJECT WEST POINT, UTAH	NOT FOR CONSTRUCTION FOR REVIEW ONLY	100% DESIGN	BOWEN COLLINS & ASSOCIATES
	DATE: June 2023 PROJECT NUMBER: 668-22-01	DESIGN: P. BAXTER DRAWN: P. BAXTER REVIEW: CHECKED: S. PACKER APPROVED: P. BAXTER	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING	NO. DATE REVISION DESCRIPTION REVISIONS	





COORDINATION

3D VIEWS-2

WEST POINT CITY

SEWER SYSTEM EXPANSION PROJECT

WEST POINT, UTAH

DESIGN	REVIEW	VERIFY SCALE
DRAWN P. BAXTER	CHECKED S. PACKER	BAR IS ONE INCH ON ORIGINAL DRAWING
DESIGN P. BAXTER	APPROVED P. BAXTER	

DATE June 2023 PROJECT NUMBER 058-22-01

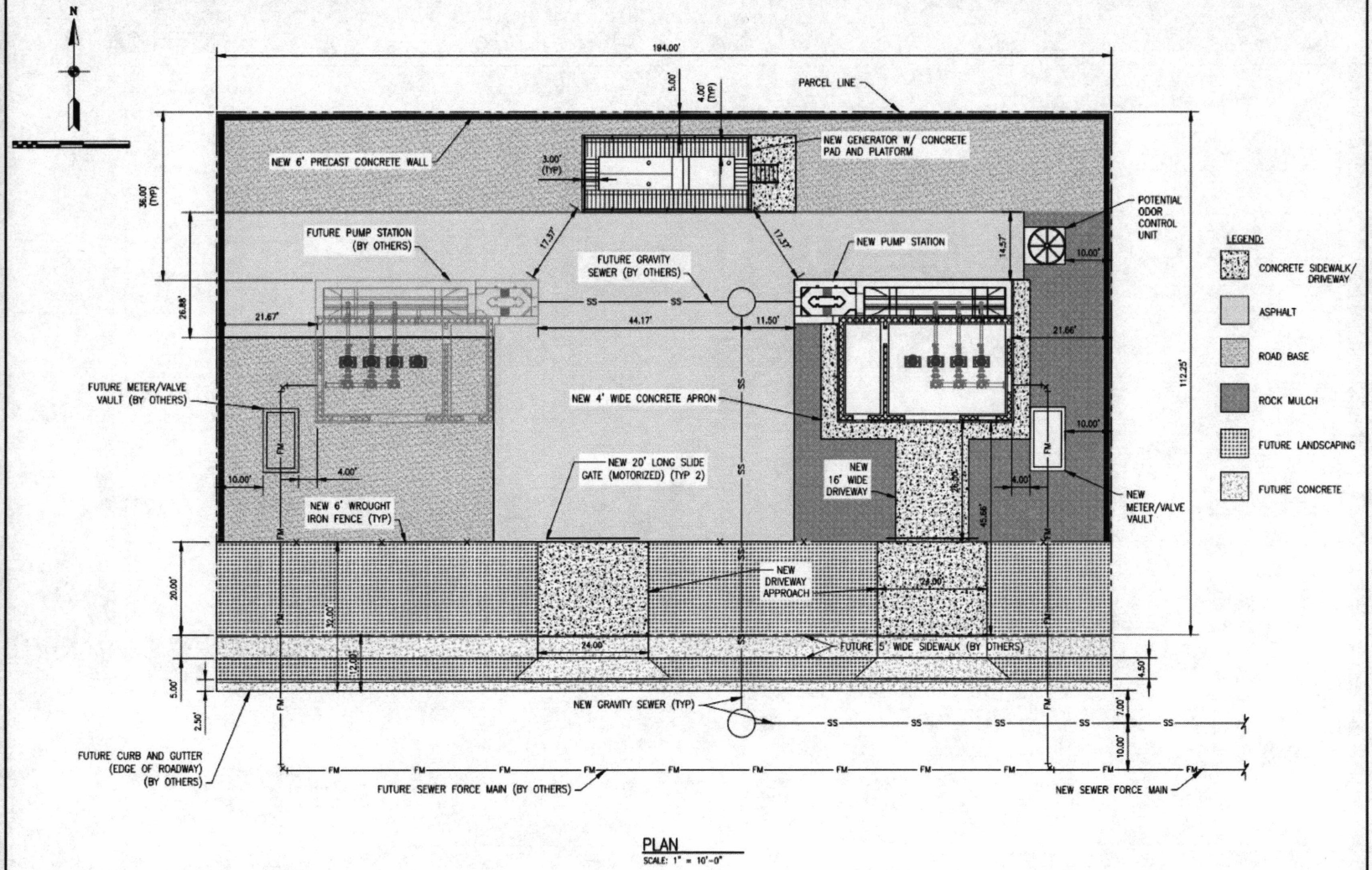
NOT FOR CONSTRUCTION
FOR REVIEW ONLY

NO.	DATE	INITIALS	DESCRIPTION

REVISIONS

60% DESIGN

BOWEN COLLINS



PLAN
SCALE: 1" = 10'-0"

BOWEN COLLINS & ASSOCIATES

30% REVIEW

NOT FOR CONSTRUCTION FOR REVIEW ONLY

NO.	DATE	REV. BY	DESCRIPTION
			REVISIONS

WEST POINT CITY
SEWER EXPANSION PROJECT
WEST POINT CITY, UTAH

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

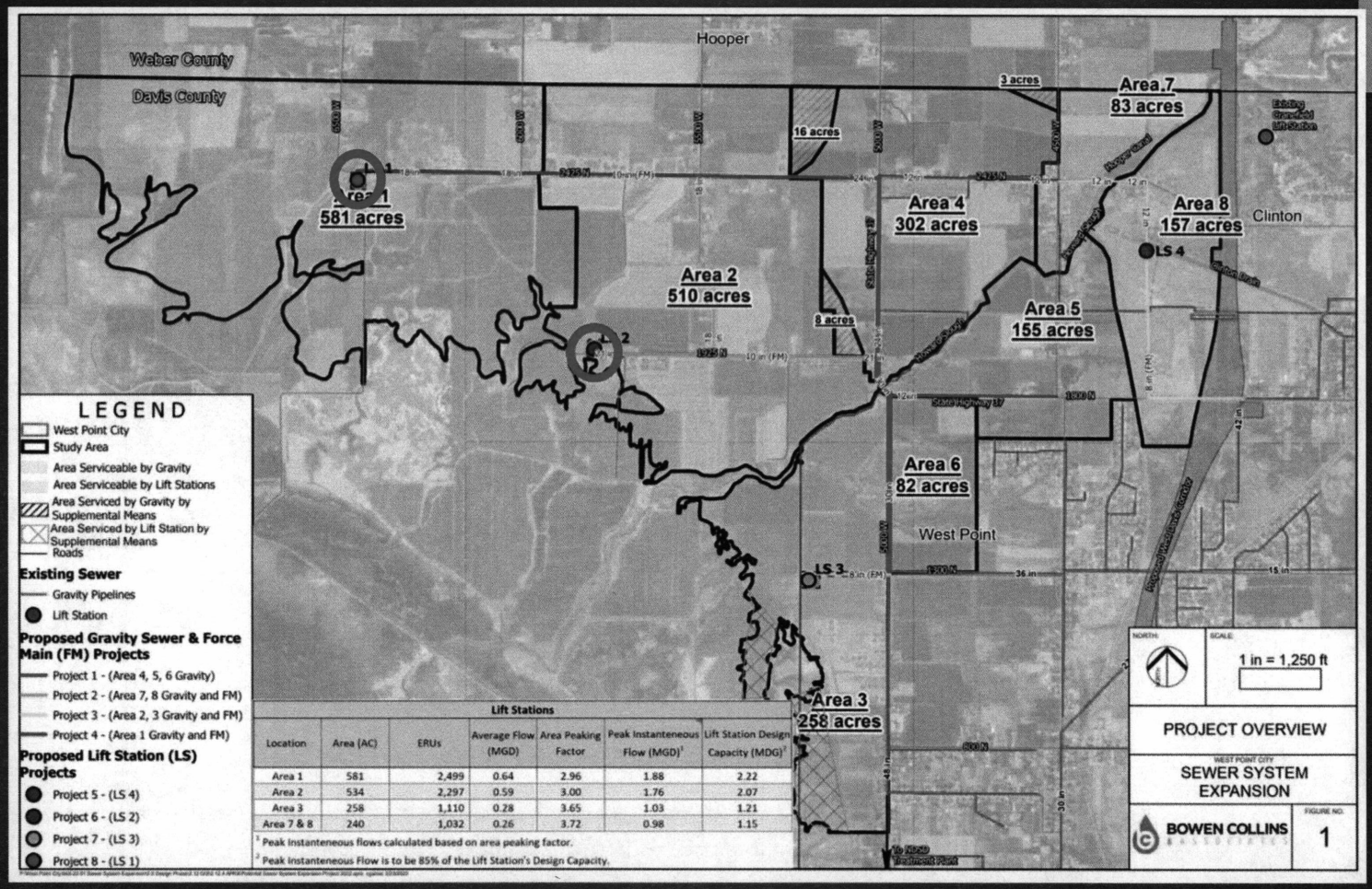
DESIGN
DESIGN S. MEYER
DRAWN S. MEYER

REVIEW
CHECKED B. PACKER
APPROVED C. NIELSEN

CIVIL
PRELIMINARY
PUMP STATION SITE PLAN

DATE: APRIL 2023
PROJECT NUMBER 855-22-01

DRAWING NO.
C-01
SHEET X OF X

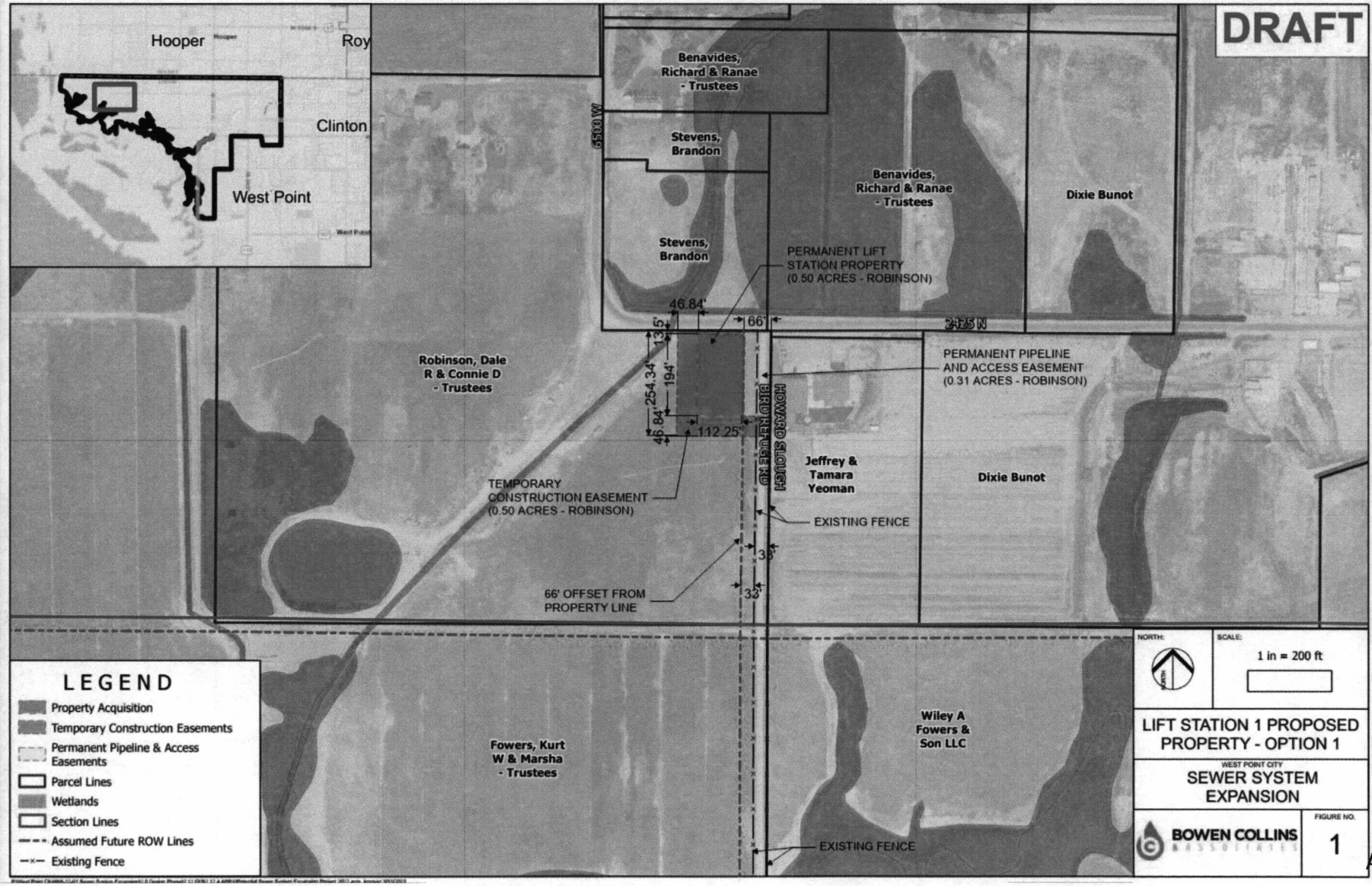


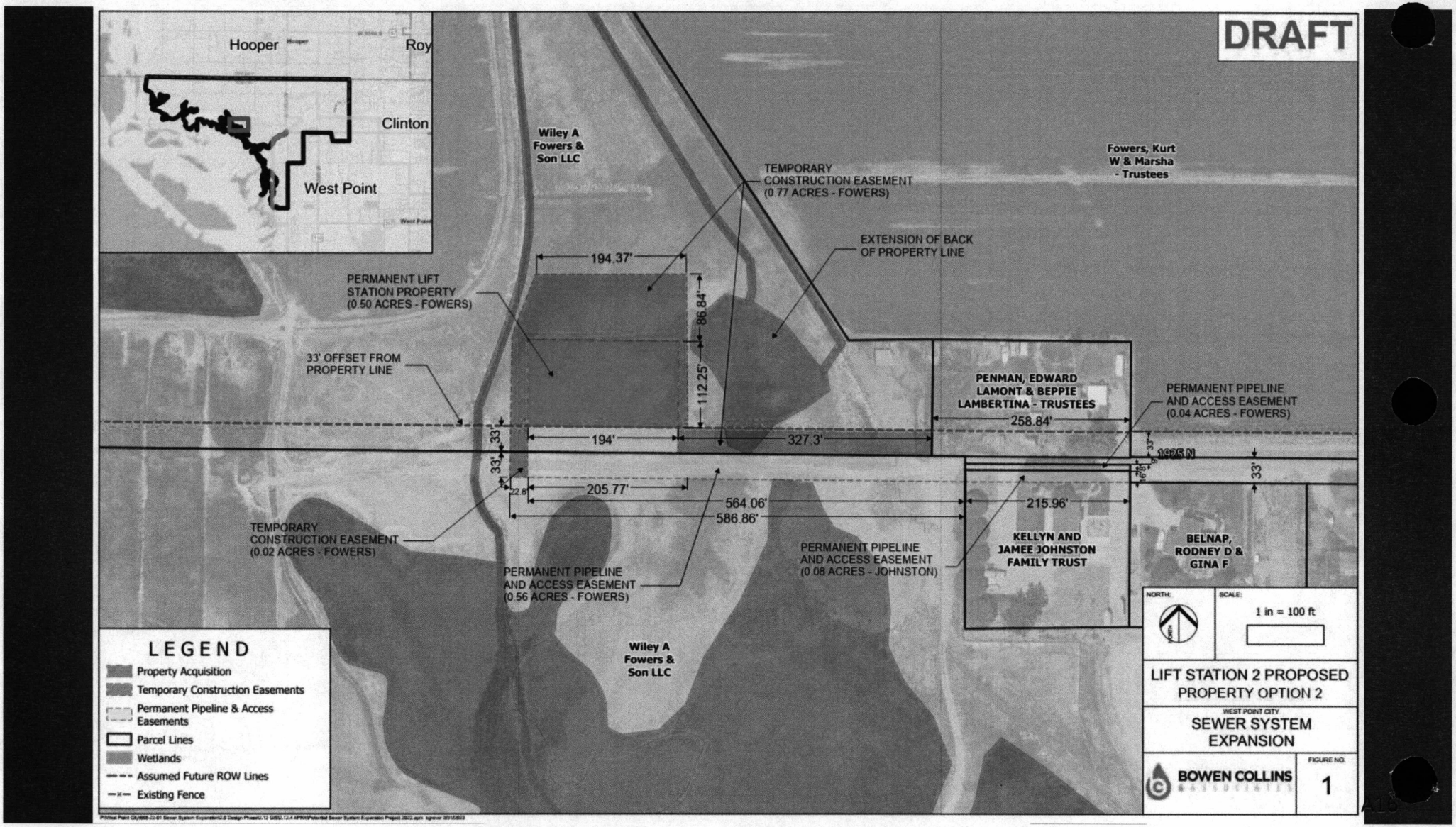
Lift Stations

Location	Area (AC)	ERUs	Average Flow (MGD)	Area Peaking Factor	Peak Instanteneous Flow (MGD)[1]	Lift Station Design Capacity (MDG)[2]
Area 1	581	2,499	0.64	2.96	1.88	2.22
Area 2	534	2,297	0.59	3.00	1.76	2.07
Area 3	258	1,110	0.28	3.65	1.03	1.21
Area 7 & 8	240	1,032	0.26	3.72	0.98	1.15

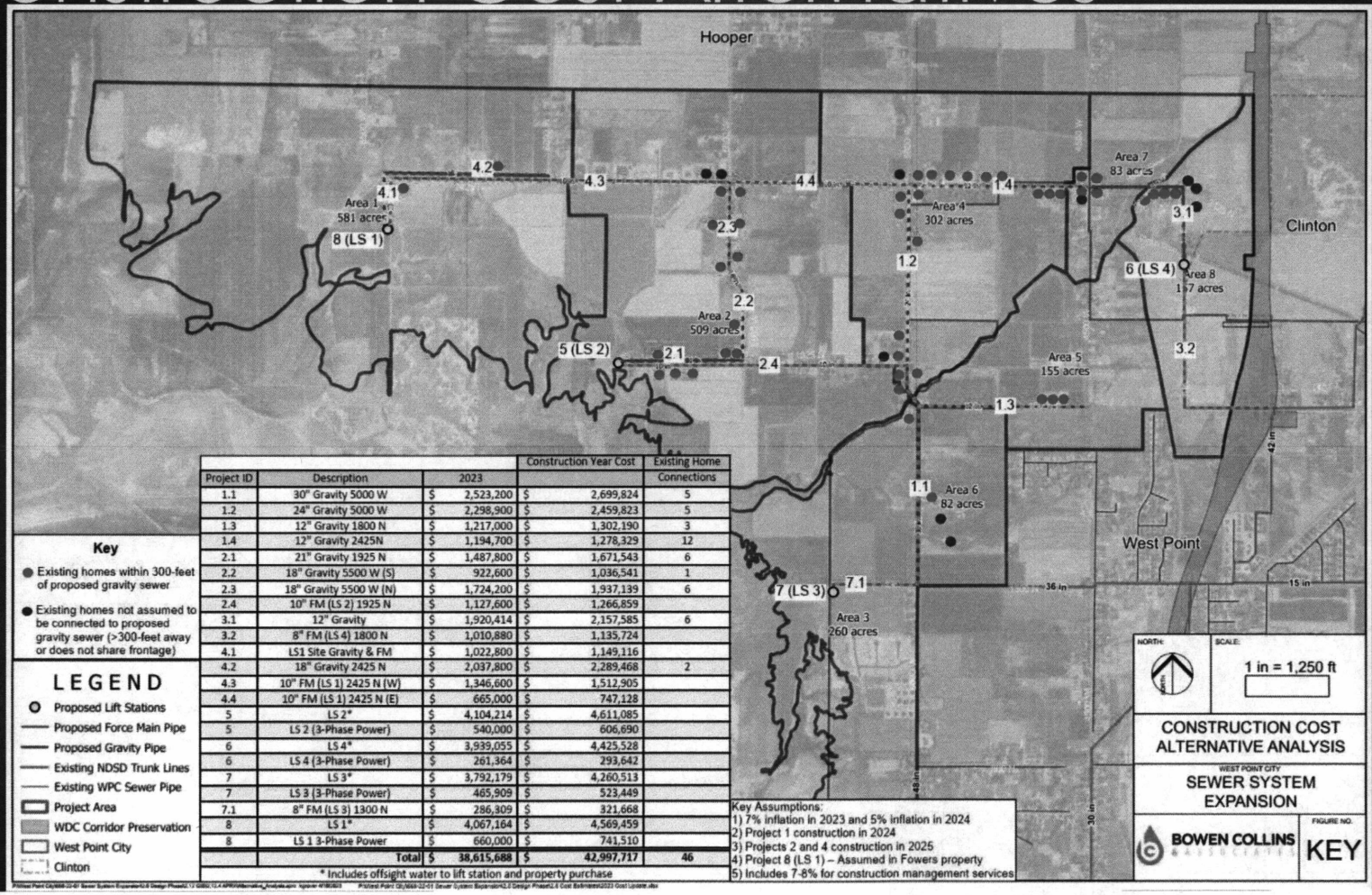
[1] Peak instanteneous flows calculated based on area peaking factor.

[2] Peak Instanteneous Flow is to be 85% of the Lift Station's Design Capacity.


DRAFT
Hooper
Roy
Clinton
West Point
Benavides, Richard & Ranae - Trustees
Stevens, Brandon
Benavides, Richard & Ranae - Trustees
Dixie Bunot
Stevens, Brandon
PERMANENT LIFT STATION PROPERTY (0.50 ACRES - ROBINSON)
5500 W
2425 N
46.84'
66'
13.5'
254.34'
194'
46.84'
112.25'
Robinson, Dale R & Connie D - Trustees
PERMANENT PIPELINE AND ACCESS EASEMENT (0.31 ACRES - ROBINSON)
BIRD REFUGE RD
HOWARD SLOUGH
Jeffrey & Tamara Yeoman
Dixie Bunot
TEMPORARY CONSTRUCTION EASEMENT (0.50 ACRES - ROBINSON)
EXISTING FENCE
33'
33'
66' OFFSET FROM PROPERTY LINE
Fowers, Kurt W & Marsha - Trustees
Wiley A Fowers & Son LLC
EXISTING FENCE
LEGEND
Property Acquisition
Temporary Construction Easements
Permanent Pipeline & Access Easements
Parcel Lines
Wetlands
Section Lines
Assumed Future ROW Lines
Existing Fence
NORTH:
SCALE:
1 in = 200 ft
LIFT STATION 1 PROPOSED PROPERTY - OPTION 1
WEST POINT CITY
SEWER SYSTEM EXPANSION
BOWEN COLLINS & ASSOCIATES
FIGURE NO.
1


DRAFT
Hooper
Roy
Clinton
West Point
Wiley A Fowers & Son LLC
Fowers, Kurt W & Marsha - Trustees
TEMPORARY CONSTRUCTION EASEMENT (0.77 ACRES - FOWERS)
EXTENSION OF BACK OF PROPERTY LINE
194.37'
PERMANENT LIFT STATION PROPERTY (0.50 ACRES - FOWERS)
86.84'
112.25'
33' OFFSET FROM PROPERTY LINE
PENMAN, EDWARD LAMONT & BEPPIE LAMBERTINA - TRUSTEES
PERMANENT PIPELINE AND ACCESS EASEMENT (0.04 ACRES - FOWERS)
258.84'
33'
194'
327.3'
33'
33'
22.8'
205.77'
564.06'
586.86'
215.96'
TEMPORARY CONSTRUCTION EASEMENT (0.02 ACRES - FOWERS)
PERMANENT PIPELINE AND ACCESS EASEMENT (0.56 ACRES - FOWERS)
PERMANENT PIPELINE AND ACCESS EASEMENT (0.08 ACRES - JOHNSTON)
KELLYN AND JAMEE JOHNSTON FAMILY TRUST
BELNAP, RODNEY D & GINA F
Wiley A Fowers & Son LLC
LEGEND
Property Acquisition
Temporary Construction Easements
Permanent Pipeline & Access Easements
Parcel Lines
Wetlands
Assumed Future ROW Lines
Existing Fence
NORTH:
SCALE:
1 in = 100 ft
LIFT STATION 2 PROPOSED PROPERTY OPTION 2
WEST POINT CITY
SEWER SYSTEM EXPANSION
BOWEN COLLINS & ASSOCIATES
FIGURE NO.
1

Construction Cost Alternatives



Project ID	Description	2023	Construction Year Cost	Existing Home Connections
1.1	30" Gravity 5000 W	$ 2,523,200	$ 2,699,824	5
1.2	24" Gravity 5000 W	$ 2,298,900	$ 2,459,823	5
1.3	12" Gravity 1800 N	$ 1,217,000	$ 1,302,190	3
1.4	12" Gravity 2425N	$ 1,194,700	$ 1,278,329	12
2.1	21" Gravity 1925 N	$ 1,487,800	$ 1,671,543	6
2.2	18" Gravity 5500 W (S)	$ 922,600	$ 1,036,541	1
2.3	18" Gravity 5500 W (N)	$ 1,724,200	$ 1,937,139	6
2.4	10" FM (LS 2) 1925 N	$ 1,127,600	$ 1,266,859	
3.1	12" Gravity	$ 1,920,414	$ 2,157,585	6
3.2	8" FM (LS 4) 1800 N	$ 1,010,880	$ 1,135,724	
4.1	LS1 Site Gravity & FM	$ 1,022,800	$ 1,149,116	
4.2	18" Gravity 2425 N	$ 2,037,800	$ 2,289,468	2
4.3	10" FM (LS 1) 2425 N (W)	$ 1,346,600	$ 1,512,905	
4.4	10" FM (LS 1) 2425 N (E)	$ 665,000	$ 747,128	
5	LS 2*	$ 4,104,214	$ 4,611,085	
5	LS 2 (3-Phase Power)	$ 540,000	$ 606,690	
6	LS 4*	$ 3,939,055	$ 4,425,528	
6	LS 4 (3-Phase Power)	$ 261,364	$ 293,642	
7	LS 3*	$ 3,792,179	$ 4,260,513	
7	LS 3 (3-Phase Power)	$ 465,909	$ 523,449	
7.1	8" FM (LS 3) 1300 N	$ 286,309	$ 321,668	
8	LS 1*	$ 4,067,164	$ 4,569,459	
8	LS 1 3-Phase Power	$ 660,000	$ 741,510	
	Total	$ 38,615,688	$ 42,997,717	46

* Includes offsight water to lift station and property purchase

Key

- Existing homes within 300-feet of proposed gravity sewer
- Existing homes not assumed to be connected to proposed gravity sewer (>300-feet away or does not share frontage)

LEGEND

- Proposed Lift Stations
- Proposed Force Main Pipe
- Proposed Gravity Pipe
- Existing NDSD Trunk Lines
- Existing WPC Sewer Pipe
- Project Area
- WDC Corridor Preservation
- West Point City
- Clinton

Key Assumptions:
1) 7% inflation in 2023 and 5% inflation in 2024
2) Project 1 construction in 2024
3) Projects 2 and 4 construction in 2025
4) Project 8 (LS 1) – Assumed in Fowers property
5) Includes 7-8% for construction management services

NORTH:

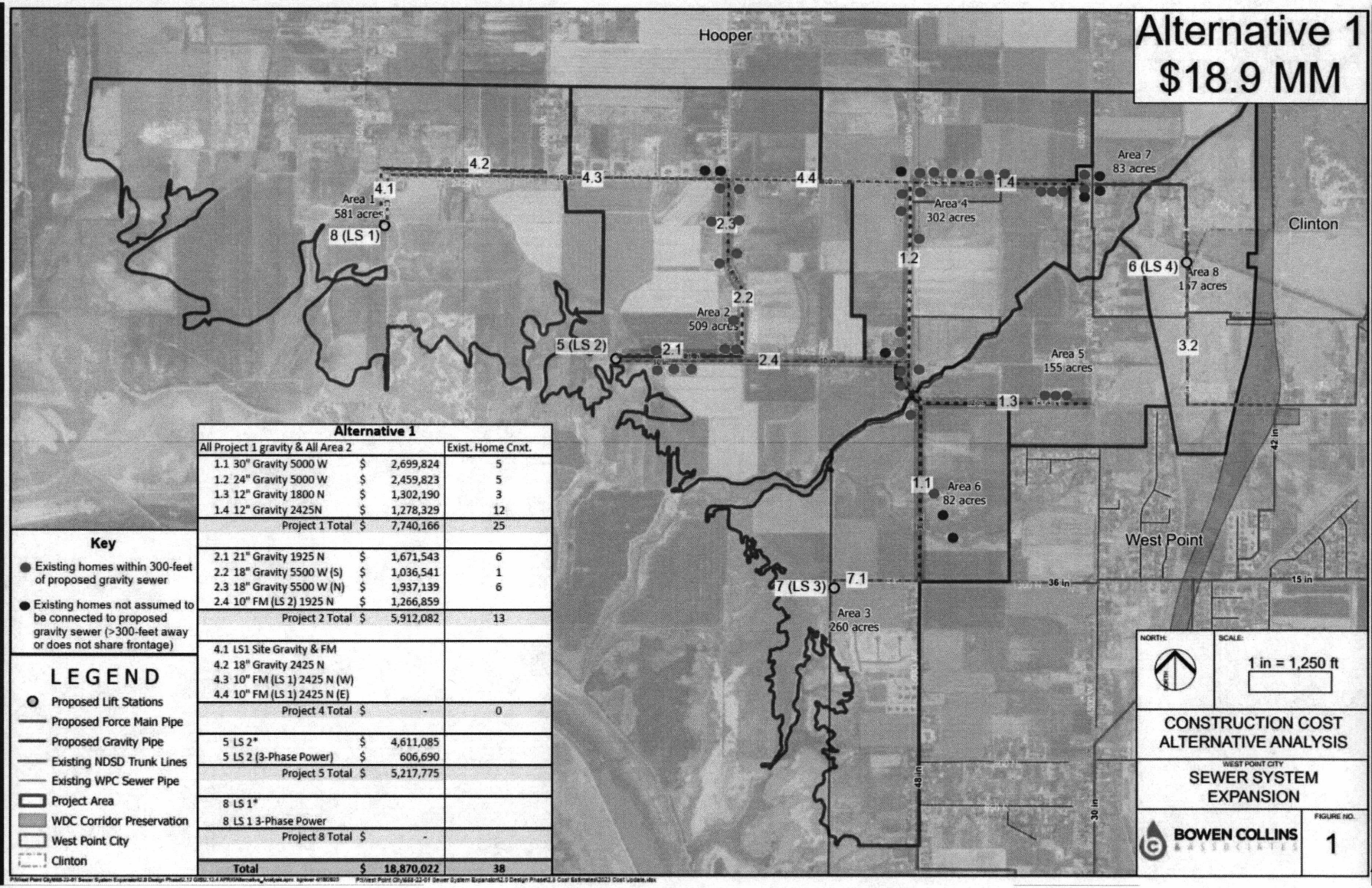
SCALE: 1 in = 1,250 ft

CONSTRUCTION COST ALTERNATIVE ANALYSIS

WEST POINT CITY
SEWER SYSTEM EXPANSION

BOWEN COLLINS & ASSOCIATES

FIGURE NO.
KEY



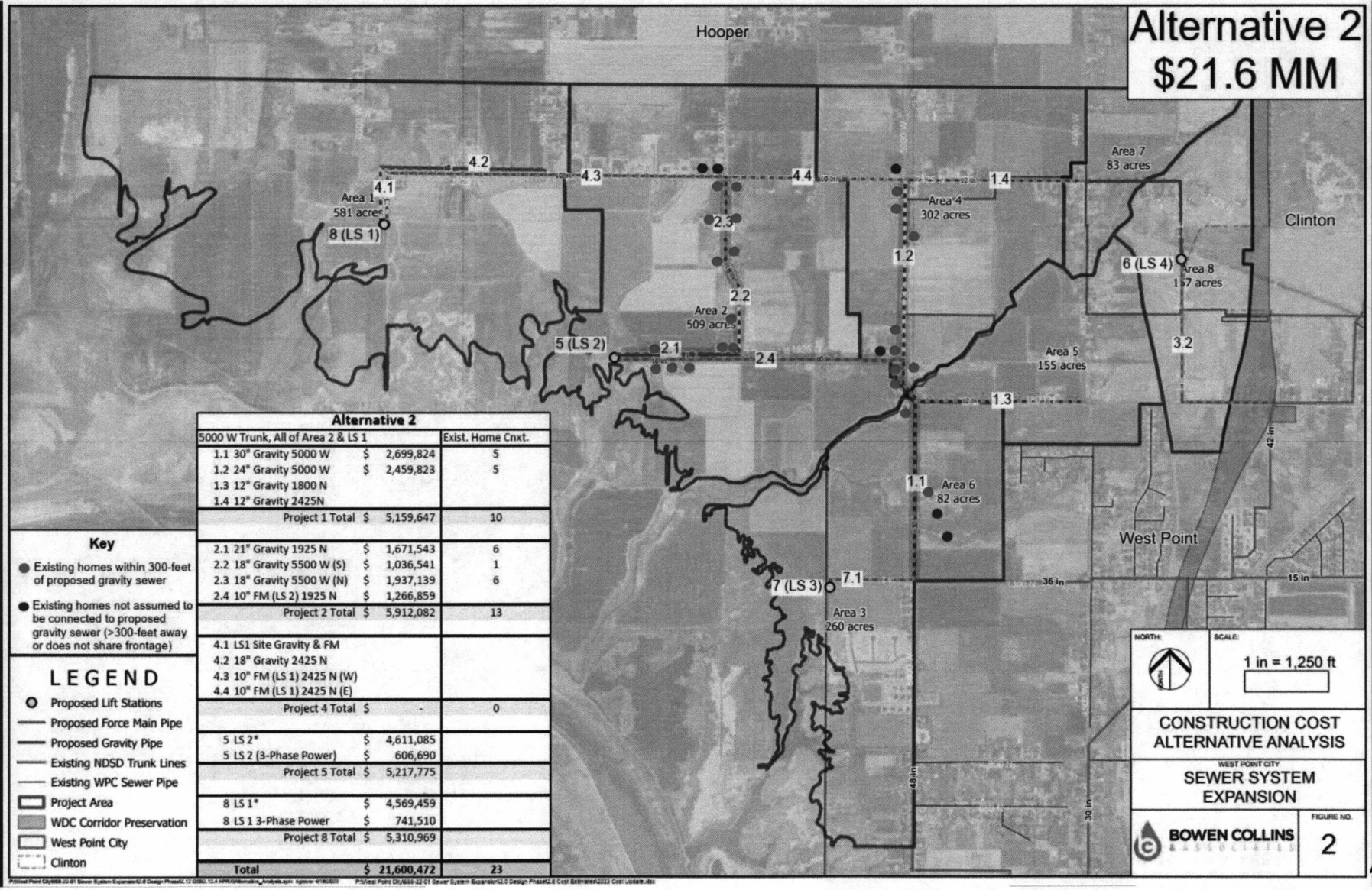
Alternative 1			
All Project 1 gravity & All Area 2			Exist. Home Cnxt.
1.1 30" Gravity 5000 W	$	2,699,824	5
1.2 24" Gravity 5000 W	$	2,459,823	5
1.3 12" Gravity 1800 N	$	1,302,190	3
1.4 12" Gravity 2425N	$	1,278,329	12
Project 1 Total	$	7,740,166	25
2.1 21" Gravity 1925 N	$	1,671,543	6
2.2 18" Gravity 5500 W (S)	$	1,036,541	1
2.3 18" Gravity 5500 W (N)	$	1,937,139	6
2.4 10" FM (LS 2) 1925 N	$	1,266,859	
Project 2 Total	$	5,912,082	13
4.1 LS1 Site Gravity & FM			
4.2 18" Gravity 2425 N			
4.3 10" FM (LS 1) 2425 N (W)			
4.4 10" FM (LS 1) 2425 N (E)			
Project 4 Total	$	-	0
5 LS 2*	$	4,611,085	
5 LS 2 (3-Phase Power)	$	606,690	
Project 5 Total	$	5,217,775	
8 LS 1*			
8 LS 1 3-Phase Power			
Project 8 Total	$	-	
Total	**$**	**18,870,022**	**38**

Key

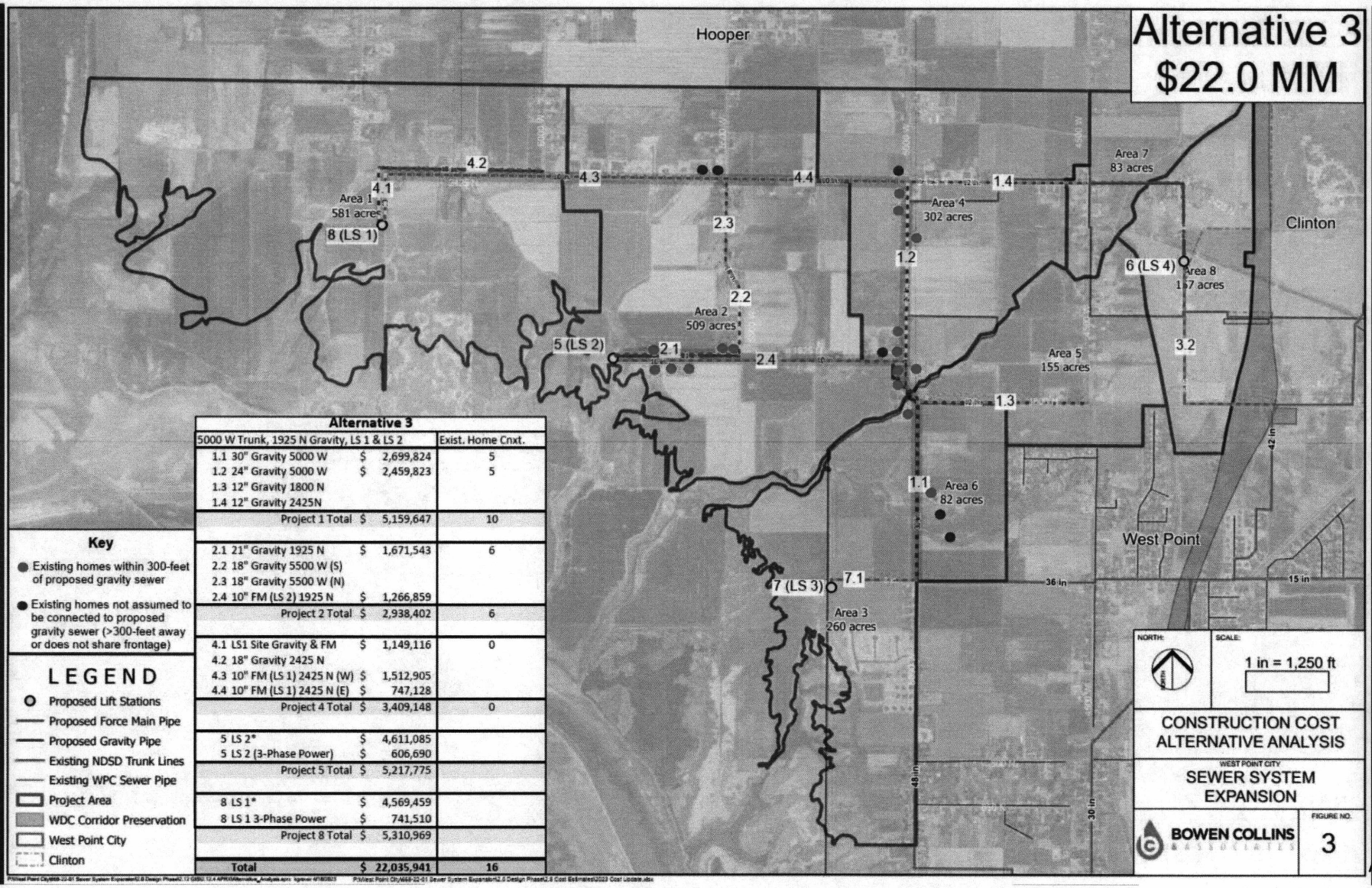
- Existing homes within 300-feet of proposed gravity sewer
- Existing homes not assumed to be connected to proposed gravity sewer (>300-feet away or does not share frontage)

LEGEND

- Proposed Lift Stations
- Proposed Force Main Pipe
- Proposed Gravity Pipe
- Existing NDSD Trunk Lines
- Existing WPC Sewer Pipe
- Project Area
- WDC Corridor Preservation
- West Point City
- Clinton



Alternative 2			
5000 W Trunk, All of Area 2 & LS 1			Exist. Home Cnxt.
1.1 30" Gravity 5000 W	$	2,699,824	5
1.2 24" Gravity 5000 W	$	2,459,823	5
1.3 12" Gravity 1800 N			
1.4 12" Gravity 2425N			
Project 1 Total	$	5,159,647	10
2.1 21" Gravity 1925 N	$	1,671,543	6
2.2 18" Gravity 5500 W (S)	$	1,036,541	1
2.3 18" Gravity 5500 W (N)	$	1,937,139	6
2.4 10" FM (LS 2) 1925 N	$	1,266,859	
Project 2 Total	$	5,912,082	13
4.1 LS1 Site Gravity & FM			
4.2 18" Gravity 2425 N			
4.3 10" FM (LS 1) 2425 N (W)			
4.4 10" FM (LS 1) 2425 N (E)			
Project 4 Total	$	-	0
5 LS 2*	$	4,611,085	
5 LS 2 (3-Phase Power)	$	606,690	
Project 5 Total	$	5,217,775	
8 LS 1*	$	4,569,459	
8 LS 1 3-Phase Power	$	741,510	
Project 8 Total	$	5,310,969	
Total	**$**	**21,600,472**	**23**



Alternative 3

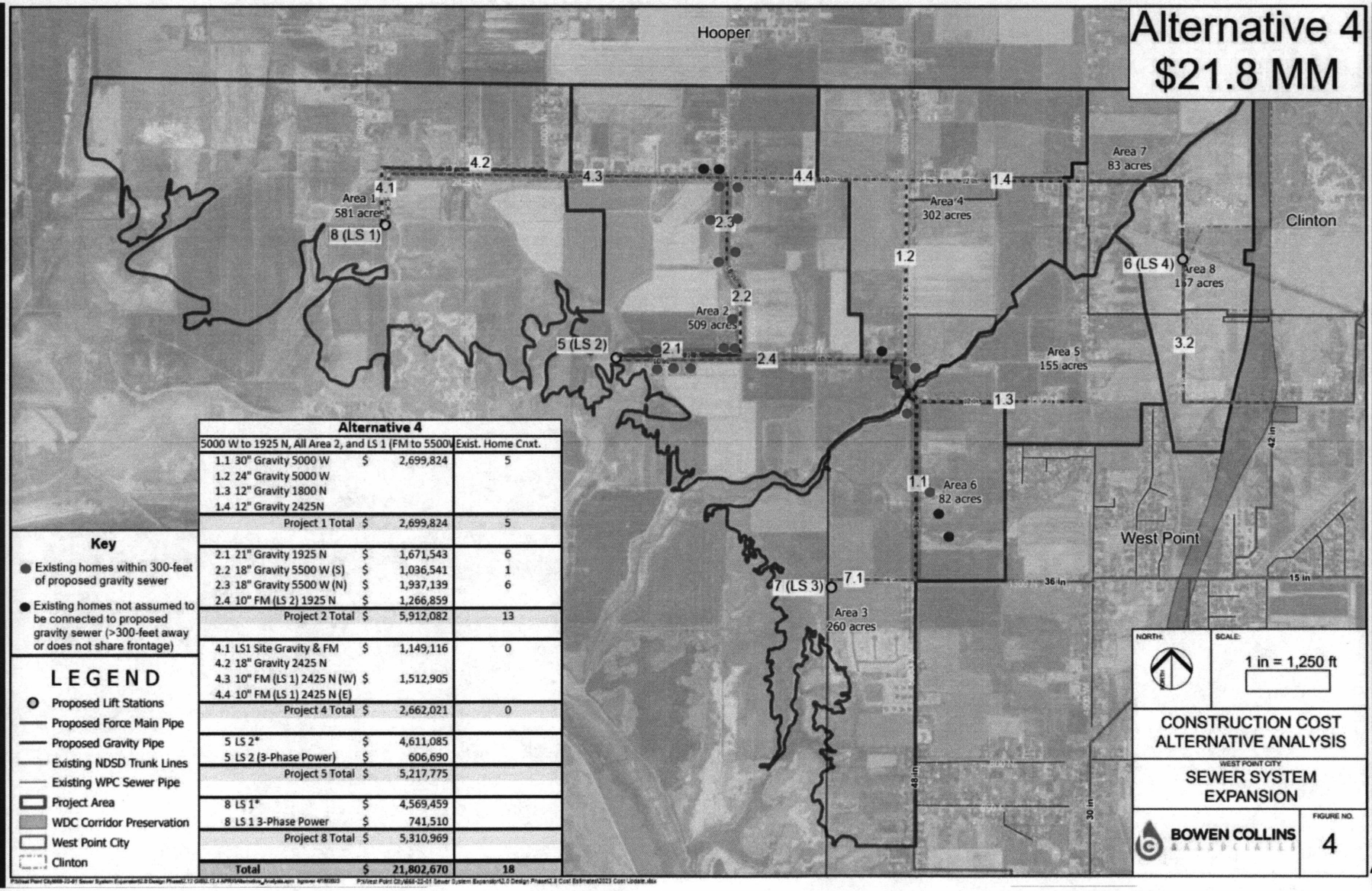
5000 W Trunk, 1925 N Gravity, LS 1 & LS 2		Exist. Home Cnxt.
1.1 30" Gravity 5000 W	$ 2,699,824	5
1.2 24" Gravity 5000 W	$ 2,459,823	5
1.3 12" Gravity 1800 N		
1.4 12" Gravity 2425N		
Project 1 Total	$ 5,159,647	10
2.1 21" Gravity 1925 N	$ 1,671,543	6
2.2 18" Gravity 5500 W (S)		
2.3 18" Gravity 5500 W (N)		
2.4 10" FM (LS 2) 1925 N	$ 1,266,859	
Project 2 Total	$ 2,938,402	6
4.1 LS1 Site Gravity & FM	$ 1,149,116	0
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W)	$ 1,512,905	
4.4 10" FM (LS 1) 2425 N (E)	$ 747,128	
Project 4 Total	$ 3,409,148	0
5 LS 2*	$ 4,611,085	
5 LS 2 (3-Phase Power)	$ 606,690	
Project 5 Total	$ 5,217,775	
8 LS 1*	$ 4,569,459	
8 LS 1 3-Phase Power	$ 741,510	
Project 8 Total	$ 5,310,969	
Total	**$ 22,035,941**	**16**

Key

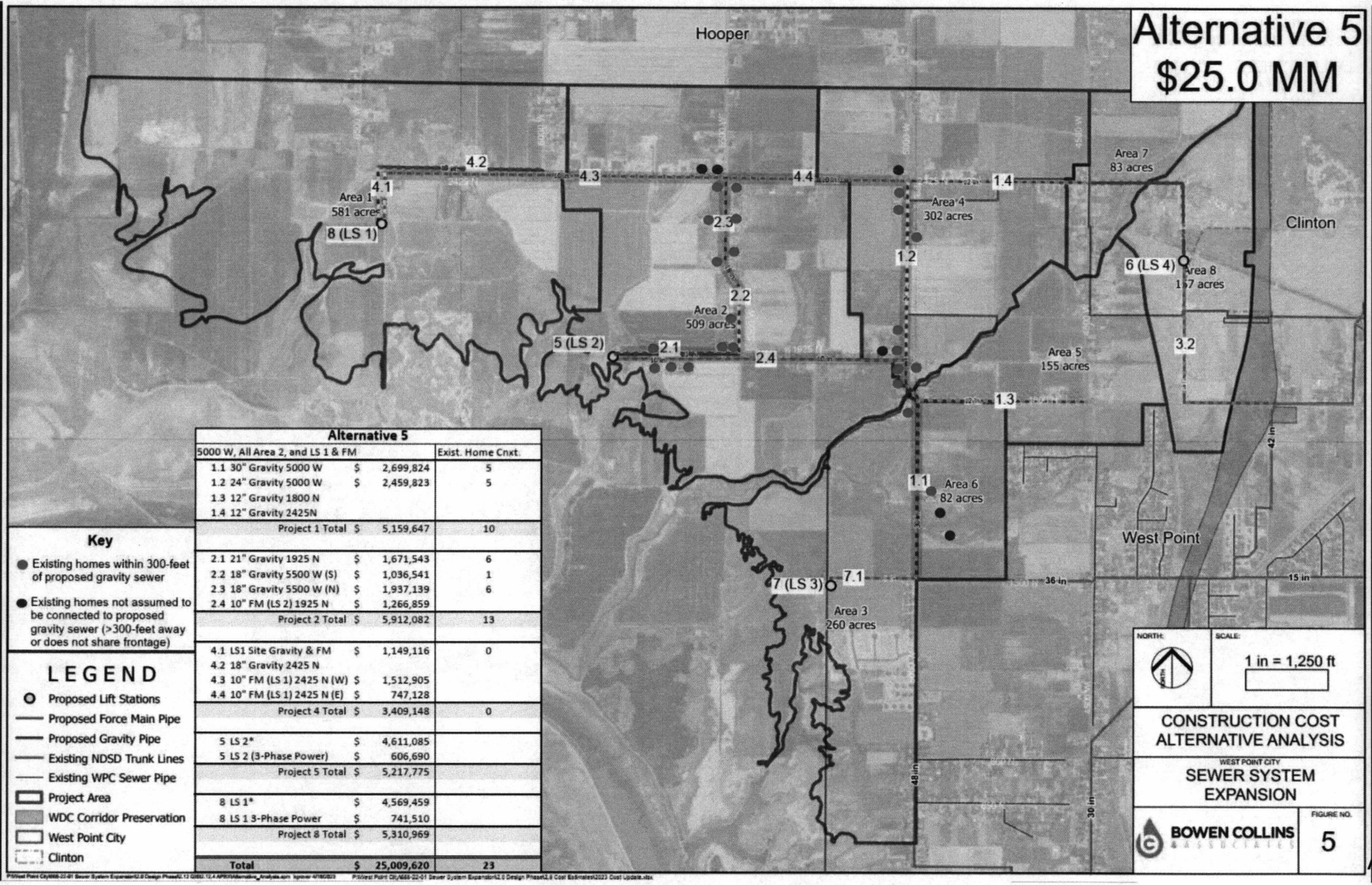
- Existing homes within 300-feet of proposed gravity sewer
- Existing homes not assumed to be connected to proposed gravity sewer (>300-feet away or does not share frontage)

LEGEND

- Proposed Lift Stations
- Proposed Force Main Pipe
- Proposed Gravity Pipe
- Existing NDSD Trunk Lines
- Existing WPC Sewer Pipe
- Project Area
- WDC Corridor Preservation
- West Point City
- Clinton



Alternative 4			
5000 W to 1925 N, All Area 2, and LS 1 (FM to 5500W			Exist. Home Cnxt.
1.1 30" Gravity 5000 W 1.2 24" Gravity 5000 W 1.3 12" Gravity 1800 N 1.4 12" Gravity 2425N	$	2,699,824	5
Project 1 Total	$	2,699,824	5
2.1 21" Gravity 1925 N	$	1,671,543	6
2.2 18" Gravity 5500 W (S)	$	1,036,541	1
2.3 18" Gravity 5500 W (N)	$	1,937,139	6
2.4 10" FM (LS 2) 1925 N	$	1,266,859	
Project 2 Total	$	5,912,082	13
4.1 LS1 Site Gravity & FM 4.2 18" Gravity 2425 N 4.3 10" FM (LS 1) 2425 N (W) 4.4 10" FM (LS 1) 2425 N (E)	$	1,149,116 1,512,905	0
Project 4 Total	$	2,662,021	0
5 LS 2*	$	4,611,085	
5 LS 2 (3-Phase Power)	$	606,690	
Project 5 Total	$	5,217,775	
8 LS 1*	$	4,569,459	
8 LS 1 3-Phase Power	$	741,510	
Project 8 Total	$	5,310,969	
Total	**$**	**21,802,670**	**18**



Alternative 5

5000 W, All Area 2, and LS 1 & FM		Exist. Home Cnxt.
1.1 30" Gravity 5000 W	$ 2,699,824	5
1.2 24" Gravity 5000 W	$ 2,459,823	5
1.3 12" Gravity 1800 N		
1.4 12" Gravity 2425N		
Project 1 Total	$ 5,159,647	10
2.1 21" Gravity 1925 N	$ 1,671,543	6
2.2 18" Gravity 5500 W (S)	$ 1,036,541	1
2.3 18" Gravity 5500 W (N)	$ 1,937,139	6
2.4 10" FM (LS 2) 1925 N	$ 1,266,859	
Project 2 Total	$ 5,912,082	13
4.1 LS1 Site Gravity & FM	$ 1,149,116	0
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W)	$ 1,512,905	
4.4 10" FM (LS 1) 2425 N (E)	$ 747,128	
Project 4 Total	$ 3,409,148	0
5 LS 2*	$ 4,611,085	
5 LS 2 (3-Phase Power)	$ 606,690	
Project 5 Total	$ 5,217,775	
8 LS 1*	$ 4,569,459	
8 LS 1 3-Phase Power	$ 741,510	
Project 8 Total	$ 5,310,969	
Total	**$ 25,009,620**	**23**

Alternative 1		
All Project 1 gravity & All Area 2		
1.1 30" Gravity 5000 W	$	2,699,824
1.2 24" Gravity 5000 W	$	2,459,823
1.3 12" Gravity 1800 N	$	1,302,190
1.4 12" Gravity 2425N	$	1,278,329
Project 1 Total	$	7,740,166
2.1 21" Gravity 1925 N	$	1,671,543
2.2 18" Gravity 5500 W (S)	$	1,036,541
2.3 18" Gravity 5500 W (N)	$	1,937,139
2.4 10" FM (LS 2) 1925 N	$	1,266,859
Project 2 Total	$	5,912,082
4.1 LS1 Site Gravity & FM		
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W)		
4.4 10" FM (LS 1) 2425 N (E)		
Project 4 Total	$	-
5 LS 2*	$	4,611,085
5 LS 2 (3-Phase Power)	$	606,690
Project 5 Total	$	5,217,775
8 LS 1*		
8 LS 1 3-Phase Power		
Project 8 Total	$	-
Total	**$**	**18,870,022**
Existing Home Connections		**38**

Alternative 2		
5000 W Trunk, All of Area 2 & LS 1		
1.1 30" Gravity 5000 W	$	2,699,824
1.2 24" Gravity 5000 W	$	2,459,823
1.3 12" Gravity 1800 N		
1.4 12" Gravity 2425N		
Project 1 Total	$	5,159,647
2.1 21" Gravity 1925 N	$	1,671,543
2.2 18" Gravity 5500 W (S)	$	1,036,541
2.3 18" Gravity 5500 W (N)	$	1,937,139
2.4 10" FM (LS 2) 1925 N	$	1,266,859
Project 2 Total	$	5,912,082
4.1 LS1 Site Gravity & FM		
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W)		
4.4 10" FM (LS 1) 2425 N (E)		
Project 4 Total	$	-
5 LS 2*	$	4,611,085
5 LS 2 (3-Phase Power)	$	606,690
Project 5 Total	$	5,217,775
8 LS 1*	$	4,569,459
8 LS 1 3-Phase Power	$	741,510
Project 8 Total	$	5,310,969
Total	**$**	**21,600,472**
Existing Home Connections		**23**

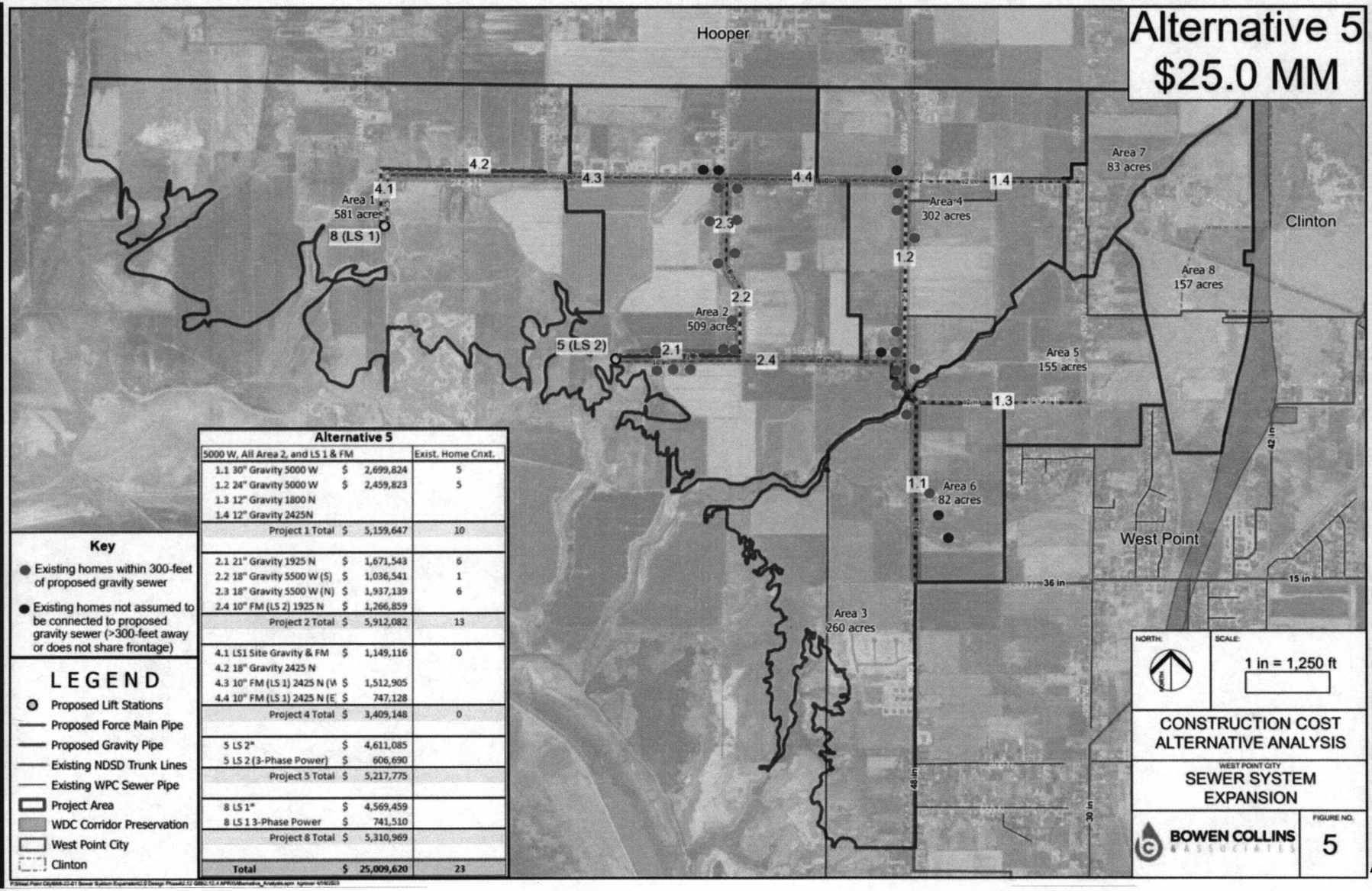
Alternative 3		
5000 W Trunk, 1925 N Gravity, LS 1 & LS 2		
1.1 30" Gravity 5000 W	$	2,699,824
1.2 24" Gravity 5000 W	$	2,459,823
1.3 12" Gravity 1800 N		
1.4 12" Gravity 2425N		
Project 1 Total	$	5,159,647
2.1 21" Gravity 1925 N	$	1,671,543
2.2 18" Gravity 5500 W (S)		
2.3 18" Gravity 5500 W (N)		
2.4 10" FM (LS 2) 1925 N	$	1,266,859
Project 2 Total	$	2,938,402
4.1 LS1 Site Gravity & FM	$	1,149,116
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W	$	1,512,905
4.4 10" FM (LS 1) 2425 N (E)	$	747,128
Project 4 Total	$	3,409,148
5 LS 2*	$	4,611,085
5 LS 2 (3-Phase Power)	$	606,690
Project 5 Total	$	5,217,775
8 LS 1*	$	4,569,459
8 LS 1 3-Phase Power	$	741,510
Project 8 Total	$	5,310,969
Total	**$**	**22,035,941**
Existing Home Connections		**16**

Alternative 4		
5000 W to 1925 N, All Area 2, and LS 1 (FM to 5500W)		
1.1 30" Gravity 5000 W	$	2,699,824
1.2 24" Gravity 5000 W		
1.3 12" Gravity 1800 N		
1.4 12" Gravity 2425N		
Project 1 Total	$	2,699,824
2.1 21" Gravity 1925 N	$	1,671,543
2.2 18" Gravity 5500 W (S)	$	1,036,541
2.3 18" Gravity 5500 W (N)	$	1,937,139
2.4 10" FM (LS 2) 1925 N	$	1,266,859
Project 2 Total	$	5,912,082
4.1 LS1 Site Gravity & FM	$	1,149,116
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W	$	1,512,905
4.4 10" FM (LS 1) 2425 N (E)		
Project 4 Total	$	2,662,021
5 LS 2*	$	4,611,085
5 LS 2 (3-Phase Power)	$	606,690
Project 5 Total	$	5,217,775
8 LS 1*	$	4,569,459
8 LS 1 3-Phase Power	$	741,510
Project 8 Total	$	5,310,969
Total	**$**	**21,802,670**
Existing Home Connections		**18**

Alternative 5		
5000 W, All Area 2, and LS 1 & FM		
1.1 30" Gravity 5000 W	$	2,699,824
1.2 24" Gravity 5000 W	$	2,459,823
1.3 12" Gravity 1800 N		
1.4 12" Gravity 2425N		
Project 1 Total	$	5,159,647
2.1 21" Gravity 1925 N	$	1,671,543
2.2 18" Gravity 5500 W (S)	$	1,036,541
2.3 18" Gravity 5500 W (N)	$	1,937,139
2.4 10" FM (LS 2) 1925 N	$	1,266,859
Project 2 Total	$	5,912,082
4.1 LS1 Site Gravity & FM	$	1,149,116
4.2 18" Gravity 2425 N		
4.3 10" FM (LS 1) 2425 N (W	$	1,512,905
4.4 10" FM (LS 1) 2425 N (E)	$	747,128
Project 4 Total	$	3,409,148
5 LS 2*	$	4,611,085
5 LS 2 (3-Phase Power)	$	606,690
Project 5 Total	$	5,217,775
8 LS 1*	$	4,569,459
8 LS 1 3-Phase Power	$	741,510
Project 8 Total	$	5,310,969
Total	**$**	**25,009,620**
Existing Home Connections		**23**

Public Information

- Website
- Mailers
- Signs
- Open House



Alternative 5

5000 W, All Area 2, and LS 1 & FM			Exist. Home Cnxt.
1.1 30" Gravity 5000 W	$	2,699,824	5
1.2 24" Gravity 5000 W	$	2,459,823	5
1.3 12" Gravity 1800 N			
1.4 12" Gravity 2425N			
Project 1 Total	$	5,159,647	10
2.1 21" Gravity 1925 N	$	1,671,543	6
2.2 18" Gravity 5500 W (S)	$	1,036,541	1
2.3 18" Gravity 5500 W (N)	$	1,937,139	6
2.4 10" FM (LS 2) 1925 N	$	1,266,859	
Project 2 Total	$	5,912,082	13
4.1 LS1 Site Gravity & FM	$	1,149,116	0
4.2 18" Gravity 2425 N			
4.3 10" FM (LS 1) 2425 N (W	$	1,512,905	
4.4 10" FM (LS 1) 2425 N (E	$	747,128	
Project 4 Total	$	3,409,148	0
5 LS 2*	$	4,611,085	
5 LS 2 (3-Phase Power)	$	606,690	
Project 5 Total	$	5,217,775	
8 LS 1*	$	4,569,459	
8 LS 1 3-Phase Power	$	741,510	
Project 8 Total	$	5,310,969	
Total	**$**	**25,009,620**	**23**

Funding

- Davis County SLFRF
  - $2M – Design – Contract In Place
  - $22M – Construction – Notice of Award Coming Soon

INTERLOCAL COOPERATION AGREEMENT

This Interlocal Cooperation Agreement (this "Agreement") is made and entered into by and between Davis County, a political subdivision of the state of Utah (the "County"), and West Point City, a municipal corporation of the state of Utah (the "City"). The County and the City may be collectively referred to as the "Parties" herein or may be solely referred to as a "Party" herein.

WHEREAS, the Parties, pursuant to Utah's Interlocal Cooperation Act, which is codified at Title 11, Chapter 13, Utah Code Annotated (the "Act"), are authorized to enter into in this Agreement;

WHEREAS, the City is a sub-recipient of Coronavirus State and Local Fiscal Recovery Funds (CSLFRF) that are being administered through the County; and

WHEREAS, the City will be using said funds for the design and construction of a sanitary sewer system in an area that is currently unincorporated in Davis County as depicted on Exhibit A: and

WHEREAS, the area depicted on Exhibit A is also within the West Point City annexation policy plan: and

WHEREAS, the County desires that the sewer system be constructed and has encouraged the City to construct the sewer system.

NOW, for and in consideration of the mutual promises, obligations, and/or covenants contained herein, and for other good and valuable consideration, the receipt, fairness, and sufficiency of which are hereby acknowledged, and the Parties intending to be legally bound, the Parties do hereby mutually agree as follows:

1. The City's Obligations. The City agrees to provide and perform the following:

   1.1. Design a sanitary sewer system consistent with Exhibit A.
   1.2. Solicit bids for construction of the sewer system for as much of the system as can reasonably be constructed within the CSLFRF time deadline and funding awarded to the City from the CSLFRF program.
   1.3. Own, operate, and maintain the sanitary sewer system after construction.
   1.4. Provide public information services during the design and construction of the sewer system. The City shall seek approval of the County for any information contained in fliers, letters, maps, etc. that are shared with the public.
   1.5. Collect fees from the residents that are served by the sewer system. Said fees shall be based upon a fee study and shall be consistent with fees charged to other residents receiving service from the proposed sewer system.

2. The County's Obligations.

   2.1. Authorize the City to construct, own, and operate a sanitary sewer system in the unincorporated area of the County depicted on Exhibit A.
   2.2. Authorize the City to design, construct, and permit the sewer system, including pump stations and buildings, according to the City zoning ordinances and permitting policies.
   2.3. Authorize to the City to be the permitting agency and to perform all construction inspection services according to applicable laws and ordinances of the City.

Questions?