

**BOA Meeting Agenda
Peculiar City Board of Aldermen
Worksession Meeting and Public Hearing
City Hall – 250 S. Main St
Monday November 2, 2015 6:30 p.m.**

Notice is hereby given that the Board of Aldermen of the City of Peculiar will hold a regularly scheduled meeting on Monday, November 2, 2015 at 6:30 pm, in the Council Chambers at 250 S. Main St. Representatives of the news media may obtain copies of this notice by contacting the City Clerk at City Hall, 250 S. Main St Peculiar, MO 64078 or by calling 816-779-2221. All proposed Ordinances and Resolutions will be available for viewing prior to the meeting in the Council Chambers.

1. **Call to Order**
2. **Pledge of Allegiance**
3. **Roll Call**
4. **City Clerk – Read the Board of Alderman Statement**
5. **Mayor’s Appointment – Dan Fausett to the Planning Commission**

Resolution 2015-56 - A RESOLUTION OF THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI APPROVING THE APPOINTMENT OF MR. DAN FAUSETT TO THE PLANNING COMMISSION.

6. **Topic for Discussion –**
 - A. **Bartlett & West Presentation – Wet/Dry Basin Storm Water Improvements**

7. **Aldermen Concerns**
8. **Aldermen Directives**
9. **Executive Session –**

The City Attorney Reid Holbrook has requested a 30-minute Executive Session, per RSMo. 610.021(1)

10. **Adjournment**

City Administrator
Brad Ratliff

City Clerk
Janet Burlingame

City Engineer
Carl Brooks

Business Office
Trudy Prickett



Chief of Police
Harry Gurin

City Planner
Cliff McDonald

City Attorney
Reid Holbrook

Parks Director
Grant Purkey

Municipal Offices – 250 S. Main Street, Peculiar, MO 64078
Phone: (816)779-5212 Facsimile: (816)779-1004

To: Board of Alderman
From: Clifford L. McDonald
Date: November 2, 2015
Re: *Appointment of Mr. Dan Fausett to the Planning Commission*

GENERAL INFORMATION

Applicant: Mayor Stark

Status of Applicant: N/A

Requested Actions: Board of Aldermen to consider appointing Mr. Dan Fausett to the Planning Commission to fill a vacant position which has a term that expires May 4th, 2019.

Date of Application: October 20, 2015

Purpose: The purpose is to consider appointing Mr. Dan Fausett to the Planning Commission to fill a vacant position and complete the associated term which expires May 4th, 2019.

Property Location (if applicable): N/A

PROPOSAL

See “Requested Actions” above.

PREVIOUS ACTIONS

None.

KEY ISSUES

Per Section 430.010 (Planning Commission) Established – Composition. The Planning Commission is composed of seven (7) members: five (5) Citizen members, the Mayor (or the Mayor’s designate), and a member of the Board of Aldermen.

Mayor Stark has recommended that Mr. Dan Fausett be appointed to complete the term of the vacant position on the Planning Commission which will provide for a fully Staffed & appointed Commission.

The five (5) Citizen members serve terms of four (4) years unless they replace a Commissioner in mid term, then they serve the balance of that Commissioner’s term.

STAFF COMMENTS AND SUGGESTIONS

Dan Fausett has lived in Peculiar for more than one (1) year and has volunteered to fill the vacant position on the Planning Commission. Mr. Fausett has experience both in Business and as a Builder (he has had five (5) houses built) and he would like to see the City continue to make forward progress. I believe he would be an asset to both the City and Planning Commission with this appointment.

STAFF RECOMMENDATION

Favorably consider appointing Mr. Dan Fausett to the Planning Commission for the balance of the vacant position which expires May 4th, 2019.

ATTACHMENTS

1. Resolution for Appointment
2. Mr. Fausett's Boards/Commissions Application form.

STAFF CONTACT: Clifford L. McDonald,
PH: 816-779-2226
E-mail: cmcdonald@cityofpeculiar.com

City of Peculiar

Boards / Commissions Application Form



Thank you for your interest in serving on one of the City's Boards/Commissions. Volunteers are essential to ensure our City government is responsive to the needs of the community. Please help us place you on the most appropriate commission by completing this questionnaire, you may attach your resume or additional information as needed.

Boards / Commissions of Interest:

Planning Commission Parks & Recreation Board Board of Adjustment Peculiar Tree Board

Name: DAN FAUSETT Home Phone: 816-330-6003
Address: 11406 TREVOR DR. Alternate Phone: _____
City, State, Zip: PECULIAR, MO. 64078 Email Address: 89f1903@yahoo.com
Ward: 1) 2) _____ 3) _____ (contact City Hall if you are unsure of your Ward)

Education: (Please mark the highest level completed)

High School (please list the High School you attended) BRANSON, Mo - Joplin, Mo
 College (please list College/University and Degree) _____

Current Employment:

RETIRED
Employer: KRAFT Foods Position: TERRITORY MGR
Address: KANSAS CITY, MO. Work Phone: _____

Have you previously served on a City Board or Commission? Yes No If Yes, please describe: _____

Are you currently registered to vote in the City of Peculiar? Yes No

Why do you want to serve on this Board/Commission? I'm interested to see Peculiar grow into a community that people are drawn to - to live or do business. I've designed and had five houses built, plus remodeled others. I've also been in business & have an understanding of how to run a business.

Please describe any business or property interest which might place you in a conflict of interest situation should you be appointed to this Board/Commission. _____

Are you related to any current member of the Board of Alderman? Yes No If Yes, please describe: _____

BOA Member Name: _____ Relationship: _____

Signature: Dan Fausett Date: 10-20-15

Return Application to: City of Peculiar
C/O City Clerk
250 South Main Street
Peculiar, MO 64078

RESOLUTION 2015-56

A RESOLUTION OF THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI APPROVING THE APPOINTMENT OF MR. DAN FAUSETT TO THE PLANNING COMMISSION

WHEREAS, the Board of Aldermen have determined a need to appoint a member to the Planning Commission to fill the last vacant position; and

WHEREAS, Mr. Dan Fausett has volunteered to serve on the Planning Commission and meets the qualifications for appointment to this Commission; and

WHEREAS, said appointment shall commence with the effective date of this resolution and expire on May 4th, 2019; and

WHEREAS, Mayor Holly Stark recommends the appointment of Mr. Dan Fausett to the Planning Commission upon approval of the Board of Aldermen

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI AS FOLLOWS:

Section 1. The Board of Aldermen approves the appointment of Mr. Dan Fausett to the Planning Commission.

Section 2. *Effective Date.* This resolution shall become effective upon approval and passage by the Board of Aldermen.

THIS RESOLUTION WAS ADOPTED BY THE FOLLOWING VOTE THIS _____ DAY OF _____, 2015.

Alderman Ford _____
Alderman Hammack _____
Alderman McCrea _____

Alderman Ray _____
Alderman Roberts _____
Alderman Turner _____

APPROVED:

ATTEST:

Holly Stark, Mayor

Janet Burlingame, City Clerk

City Administrator
Brad Ratliff

City Clerk
Janet Burlingame

City Engineer
Carl Brooks

Business Office
Trudy Prickett



Chief of Police
Harry Gurin

City Planner
Cliff McDonald

City Attorney
Reid Holbrook

Parks Director
Grant Purkey

Municipal Offices – 250 S. Main Street, Peculiar, MO 64078
Phone: (816)779-5212 Facsimile: (816)779-1004

To: Mayor & Board of Aldermen
From: Carl Brooks, City Engineer (cbrooks@cityofpeculiar.com)
Date: October 29, 2015
Re: Topic of discussion: Wet/Dry Basin Mitigation Costs and Potential Engineering Costs of the Storm Water Improvements located northwest of School Road and Elm Street pertaining to the I-49 & Peculiar Way (formerly known as 211th Street) Interchange and Peculiar Way Improvements projects.

GENERAL INFORMATION

Applicant: City Staff
Requested Actions: Topic of discussion: Wet/Dry Basin Mitigation Costs and Potential Engineering Costs of the Storm Water Improvements located northwest of School Road and Elm Street pertaining to the I-49 & Peculiar Way Interchange and Peculiar Way Improvements projects.
Purpose: Update of information
Property Location: Northwest of School Road and Elm Street.

PROPOSAL

See attached project information from Bartlett & West

PREVIOUS ACTIONS

The City entered into an engineering agreement for the final design, advertisement and construction phase services of Storm Water Improvements located northwest of School Road and Elm Street with Bartlett & West, in an amount not to exceed \$199,000.00.

Based on the Aldermen meeting in September, City staff directed Bartlett & West to consider the design of a regional dry detention, wet retention and the conversion of a regional dry detention to a regional wet retention basin for ultimate build-out of the entire proposed CID area on the east side of the interstate, with the ultimate build-out on the west side of the interstate having to build additional storm water improvements.

KEY ISSUES

Which type of design to be considered as we go forward, project cost and project funding?

STAFF COMMENTS AND SUGGESTIONS

See attached project information from Bartlett & West

STAFF RECOMMENDATION

None

ATTACHMENTS

Provided by Bartlett & West



Preliminary Engineer's Estimate

Date: October 22, 2015
 Project No.: 18146.100

Dry Basin Option					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
1	Mobilization	%	7.0%	\$75,166.00	\$75,166.00
2	Removals, Clearing and Grubbing	AC	18	\$3,500.00	\$63,000.00
3	Contractor Furnished Surveying	LS	1	\$20,000.00	\$20,000.00
4	10" Ductile Iron Pipe	LF	399	\$150.00	\$59,850.00
5	7' x 6' RCB	LF	144	\$700.00	\$100,800.00
6	Four-Foot Diameter Manhole, Complete	EA	2	\$3,750.00	\$7,500.00
7	Abandon Existing Sewer Manhole	EA	1	\$500.00	\$500.00
8	Tie to Existing Sanitary Sewer	EA	2	\$3,000.00	\$6,000.00
6	Type 2 Rock Blanket	CY	2140	\$50.00	\$107,000.00
7	Class A Excavation	CY	78,560	\$5.00	\$392,800.00
8	Compacting Embankment (dam)	CY	35,415	\$5.00	\$177,075.00
9	Excessive Fill Placement on-site	CY	25,720	\$2.00	\$51,440.00
10	Replacement of Stockpiled Topsoil	CY	17,425	\$1.00	\$17,425.00
11	Erosion Control	LS	1	\$20,000.00	\$20,000.00
12	Cleanup, Final Grading, Seed, Mulch & Fertilize	AC	18	\$2,800.00	\$50,400.00
				Subtotal	\$1,235,437.00
	Contingency			10%	\$123,544.00
				Construction Cost :	\$1,358,981.00
	Engineering	LS	1	\$250,000.00	\$250,000.00
	Construction Administration	LS	1	\$100,000.00	\$100,000.00
	Permitting (Assumes No Mitigation)	LS	1	\$0.00	\$0.00
	Private Utility Relocation (Unknown)	EA	1	\$0.00	\$0.00
				Total Estimated Project Cost :	\$1,708,981.00

This project cost opinion was prepared using bid tabulation information available at the time of preparation and is prepared in good faith using engineer's judgment and experience. The engineer makes no guarantee as to the actual costs for construction.

Preliminary Engineer's Estimate



Date: October 22, 2015
Project No.: 18146.100

Wet Basin Option					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
1	Mobilization	%	7.0%	\$132,539.00	\$132,539.00
2	Removals, Clearing and Grubbing	AC	23	\$3,500.00	\$80,500.00
3	Contractor Furnished Surveying	LS	1	\$30,000.00	\$30,000.00
4	36" RCP	LF	14	\$120.00	\$1,680.00
5	36" RCP End Section	EA	1	\$1,500.00	\$1,500.00
6	10" SDR 35 PVC	LF	3150	\$100.00	\$315,000.00
7	8" SDR 35 PVC	LF	10	\$75.00	\$750.00
8	Sluice Gate w/ Riser	EA	1	\$35,000.00	\$35,000.00
9	7' x 8' RCB	LF	140	\$800.00	\$112,000.00
10	7' x 7' Riser Structure	VF	15	\$1,000.00	\$15,000.00
11	Riser Trash Hood	LS	1	\$15,000.00	\$15,000.00
12	Four-Foot Diameter Manhole, Complete	EA	13	\$3,750.00	\$48,750.00
13	Remove Existing Sewer Manhole	EA	11	\$1,000.00	\$11,000.00
14	Tie to Existing Sanitary Sewer	EA	4	\$3,000.00	\$12,000.00
15	Connection to Existing Sewer Service Lateral	EA	2	\$2,500.00	\$5,000.00
16	Type 2 Rock Blanket	CY	2,571	\$50.00	\$128,550.00
17	Class A Excavation	CY	125,450	\$5.00	\$627,250.00
18	Compacting Embankment (dam)	CY	47,675	\$5.00	\$238,375.00
19	Excessive Fill Placement on-site	CY	53,875	\$2.00	\$107,750.00
20	Replacement of Stockpiled Topsoil	CY	23,900	\$1.00	\$23,900.00
21	Erosion Control	LS	1	\$20,000.00	\$20,000.00
22	Cleanup, Final Grading, Seed, Mulch & Fertilize	AC	23	\$2,800.00	\$64,400.00
				Subtotal:	\$2,178,435.00
	Contingency			10%	\$217,844.00
				Construction Cost:	\$2,396,279.00
	Engineering	LS	1	\$250,000.00	\$250,000.00
	Construction Administration	LS	1	\$150,000.00	\$150,000.00
	Permitting (Assumes Compensatory Mitigation)	LS	1	\$450,000.00	\$450,000.00
	Private Utility Relocation (Unknown)	EA	1	\$0.00	\$0.00
				Total Estimated Project Cost :	\$3,246,279.00

This project cost opinion was prepared using bid tabulation information available at the time of preparation and is prepared in good faith using engineer's judgment and experience. The engineer makes no guarantee as to the actual costs for construction.

Preliminary Engineer's Estimate



Date: October 22, 2015
Project No.: 18146.100

Dry-to-Wet Basin Option - Dry Phase					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
1	Mobilization	%	7.0%	\$91,993.00	\$91,993.00
2	Removals, Clearing and Grubbing	AC	23	\$3,500.00	\$80,500.00
3	Contractor Furnished Surveying	LS	1	\$20,000.00	\$20,000.00
4	10" Ductile Iron Pipe	LF	399	\$150.00	\$59,850.00
5	7' x 9' RCB	LF	154	\$850.00	\$130,900.00
6	Four-Foot Diameter Manhole, Complete	EA	2	\$3,750.00	\$7,500.00
7	Abandon Existing Sewer Manhole	EA	1	\$500.00	\$500.00
8	Tie to Existing Sanitary Sewer	EA	2	\$3,000.00	\$6,000.00
9	Type 2 Rock Blanket	CY	2,311	\$50.00	\$115,550.00
10	Class A Excavation	CY	97,400	\$5.00	\$487,000.00
11	Compacting Embankment (dam)	CY	49,300	\$5.00	\$246,500.00
12	Excessive Fill Placement on-site	CY	27,380	\$2.00	\$54,760.00
13	Replacement of Stockpiled Topsoil	CY	20,720	\$1.00	\$20,720.00
14	Erosion Control	LS	1	\$20,000.00	\$20,000.00
15	Cleanup, Final Grading, Seed, Mulch & Fertilize	AC	23	\$2,800.00	\$64,400.00
				Subtotal	\$1,512,014.00
	Contingency			10%	\$151,202.00
				Construction Cost:	\$1,663,216.00
	Engineering	LS	1	\$250,000.00	\$250,000.00
	Construction Administration	LS	1	\$100,000.00	\$100,000.00
	Permitting (Assumes No Mitigation)	LS	1	\$0.00	\$0.00
	Private Utility Relocation (Unknown)	EA	1	\$0.00	\$0.00
				Total Estimated Project Cost :	\$2,013,216.00

This project cost opinion was prepared using bid tabulation information available at the time of preparation and is prepared in good faith using engineer's judgment and experience. The engineer makes no guarantee as to the actual costs for construction.



Preliminary Engineer's Estimate

Date: October 22, 2015
 Project No.: 18146.100

Dry-to-Wet Basin Option - Wet Phase					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
1	Mobilization	%	7.0%	\$90,272.00	\$90,272.00
2	Removals, Clearing and Grubbing	AC	13	\$3,500.00	\$45,500.00
3	Contractor Furnished Surveying	LS	1	\$15,000.00	\$15,000.00
4	Partial Removal of Box Culvert	LS	1	\$20,000.00	\$20,000.00
5	36" RCP	LF	14	\$120.00	\$1,680.00
6	36" RCP End Section	EA	1	\$1,500.00	\$1,500.00
7	10" SDR 35 PVC	LF	3150	\$85.00	\$267,750.00
8	8" SDR 35 PVC	LF	10	\$75.00	\$750.00
9	Sluice Gate w/ Riser	EA	1	\$35,000.00	\$35,000.00
10	7' x 7' Riser Structure	VF	15	\$1,000.00	\$15,000.00
11	Riser Trash Hood	LS	1	\$15,000.00	\$15,000.00
12	Four-Foot Diameter Manhole, Complete	EA	13	\$3,750.00	\$48,750.00
13	Abandon Existing Sewer Manhole	EA	10	\$500.00	\$5,000.00
14	Tie to Existing Sanitary Sewer	EA	4	\$3,000.00	\$12,000.00
15	Connection to Existing Sewer Service Lateral	EA	2	\$2,500.00	\$5,000.00
16	Type 2 Rock Blanket	CY	388	\$50.00	\$19,400.00
17	Class A Excavation	CY	102,205	\$5.00	\$511,025.00
18	Excessive Fill Placement on-site	CY	84,630	\$2.00	\$169,260.00
19	Replacement of Stockpiled Topsoil	CY	17,575	\$1.00	\$17,575.00
20	Erosion Control	LS	1	\$20,000.00	\$20,000.00
21	Cleanup, Final Grading, Seed, Mulch & Fertilize	AC	23	\$2,800.00	\$64,400.00
Subtotal					\$1,483,723.00
Contingency				10%	\$148,373.00
Construction Cost:					\$1,632,096.00
Engineering		LS	1	\$150,000.00	\$150,000.00
Construction Administration		LS	1	\$100,000.00	\$100,000.00
Permitting (Assumes Compensatory Mitigation)		LS	1	\$450,000.00	\$450,000.00
Private Utility Relocation (Unknown)		EA	1	\$0.00	\$0.00
Total Estimated Project Cost:					\$2,332,096.00
Total Estimated Project Cost (Wet and Dry Phases):					\$4,345,312.00

This project cost opinion was prepared using bid tabulation information available at the time of preparation and is prepared in good faith using engineer's judgment and experience. The engineer makes no guarantee as to the actual costs for construction.

Peculiar Detention Basin Design

Preliminary Detention Basin Options - Hydrology & Hydraulic Summaries

Date: October 20, 2015

Project No.: 18146.100

HYDROLOGY:

Subbasin	Drainage Area (mi ²)	Existing Composite CN	Future* Composite CN	Lag Time (min)
1*	0.51	78.64	81.39	29.59
2*	0.31	75.52	81.86	28.59
3	0.56	81.54	81.54	35.91
4*	0.27	93.79	95.41	22.71

* Results based on future developed conditions within CID

HYDRAULIC RESULTS (Q_p, Q_c, High Water Elevations):

DRY BASIN OPTION:

Storm Frequency	Existing Peak Inflow (cfs)	Future* Peak Inflow (cfs)	Future* Peak Outflow (cfs)	Future* Peak Elevation
2	1039.7	1147.7	432.8	957.2
5	1613.3	1738.4	483.8	959.0
10	2048.0	2177.5	508.7	960.2
25	2485.8	2615.5	537.7	961.2
50	2875.8	3005.0	560.4	962.1
100	3316.6	3449.2	567.5	963.0

* Results based on future developed conditions within CID

DRY-TO-WET BASIN OPTION, PHASE 1-DRY:

Storm Frequency	Existing Peak Inflow (cfs)	Future* Peak Inflow (cfs)	Future* Peak Outflow (cfs)	Future* Peak Elevation
2	1039.7	1147.7	434.9	957.3
5	1613.3	1738.4	486.5	959.2
10	2048.0	2177.5	512.1	960.3
25	2485.8	2615.5	540.6	961.3
50	2875.8	3005.0	561.0	962.1
100	3316.6	3449.2	568.9	963.1

* Results based on future developed conditions within CID

DRY-TO-WET BASIN OPTION, PHASE 2-WET:

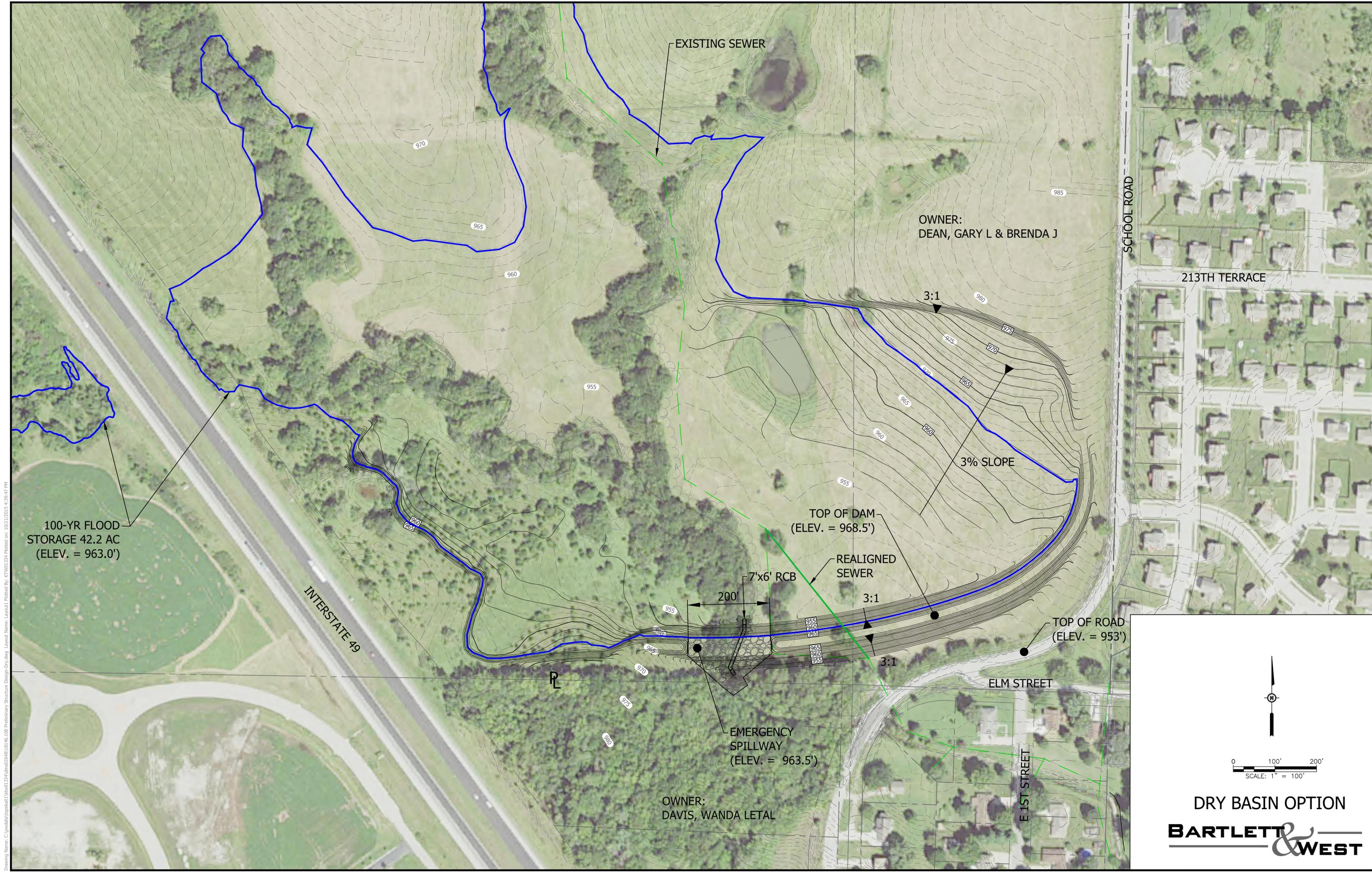
Storm Frequency	Existing Peak Inflow (cfs)	Future* Peak Inflow (cfs)	Future* Peak Outflow (cfs)	Future* Peak Elevation
2	1039.7	1147.7	358.1	960.3
5	1613.3	1738.4	469.8	961.5
10	2048.0	2177.5	519.3	962.4
25	2485.8	2615.5	563.7	963.2
50	2875.8	3005.0	599.2	964.0
100	3316.6	3449.2	634.3	964.7

* Results based on future developed conditions within CID

WET BASIN OPTION:

Storm Frequency	Existing Peak Inflow (cfs)	Future* Peak Inflow (cfs)	Future* Peak Outflow (cfs)	Future* Peak Elevation
2	1039.7	1147.7	363.4	960.4
5	1613.3	1738.4	477.2	961.6
10	2048.0	2177.5	529.7	962.7
25	2485.8	2615.5	576.4	963.5
50	2875.8	3005.0	613.0	964.3
100	3316.6	3449.2	650.1	965.1

* Results based on future developed conditions within CID



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100-YR FLOOD STORAGE 42.2 AC (ELEV. = 963.0')

EXISTING SEWER

OWNER: DEAN, GARY L & BRENDA J

TOP OF DAM (ELEV. = 968.5')

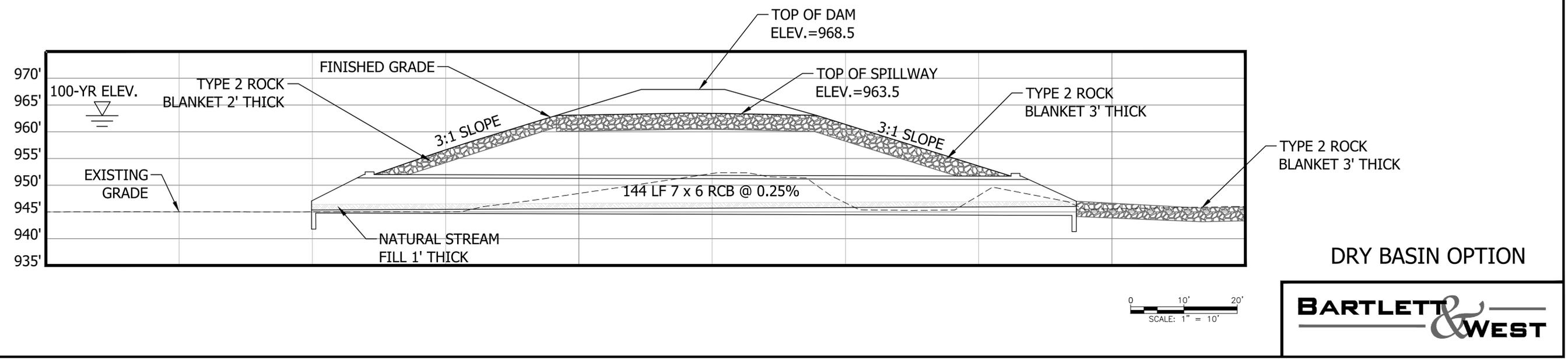
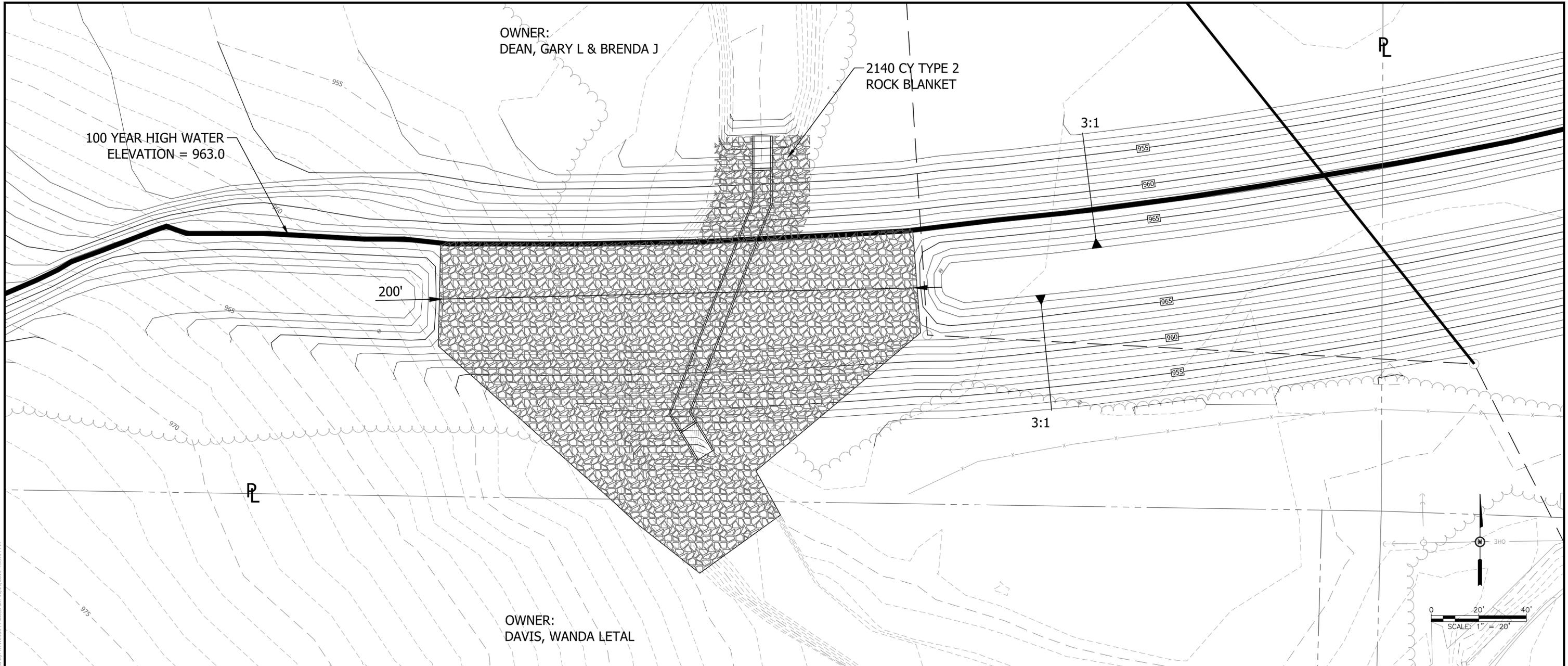
REALIGNED SEWER

EMERGENCY SPILLWAY (ELEV. = 963.5')

OWNER: DAVIS, WANDA LETAL

TOP OF ROAD (ELEV. = 953')

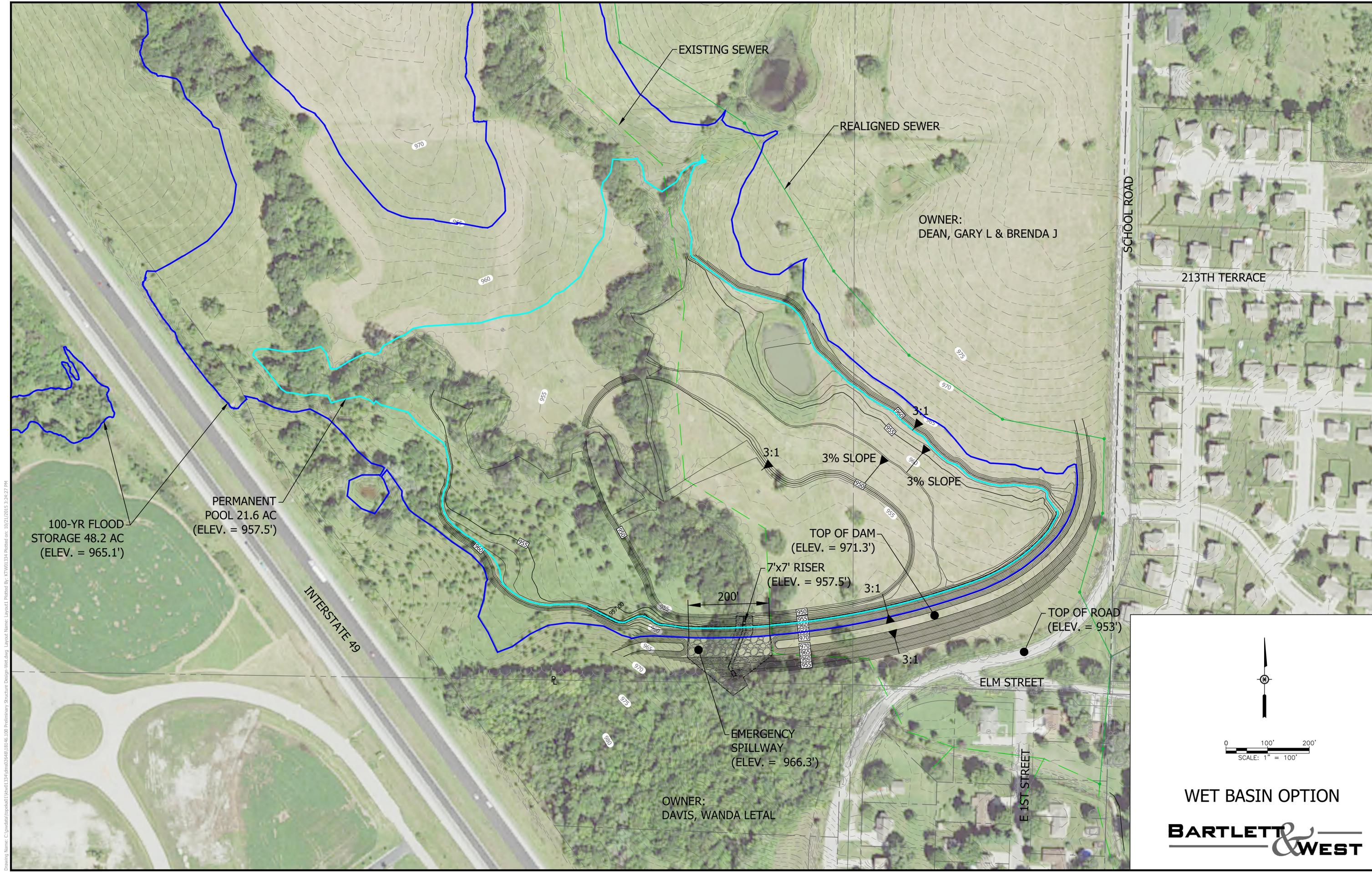
DRY BASIN OPTION
BARTLETT & WEST



DRY BASIN OPTION



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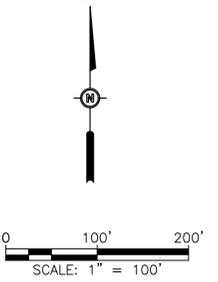
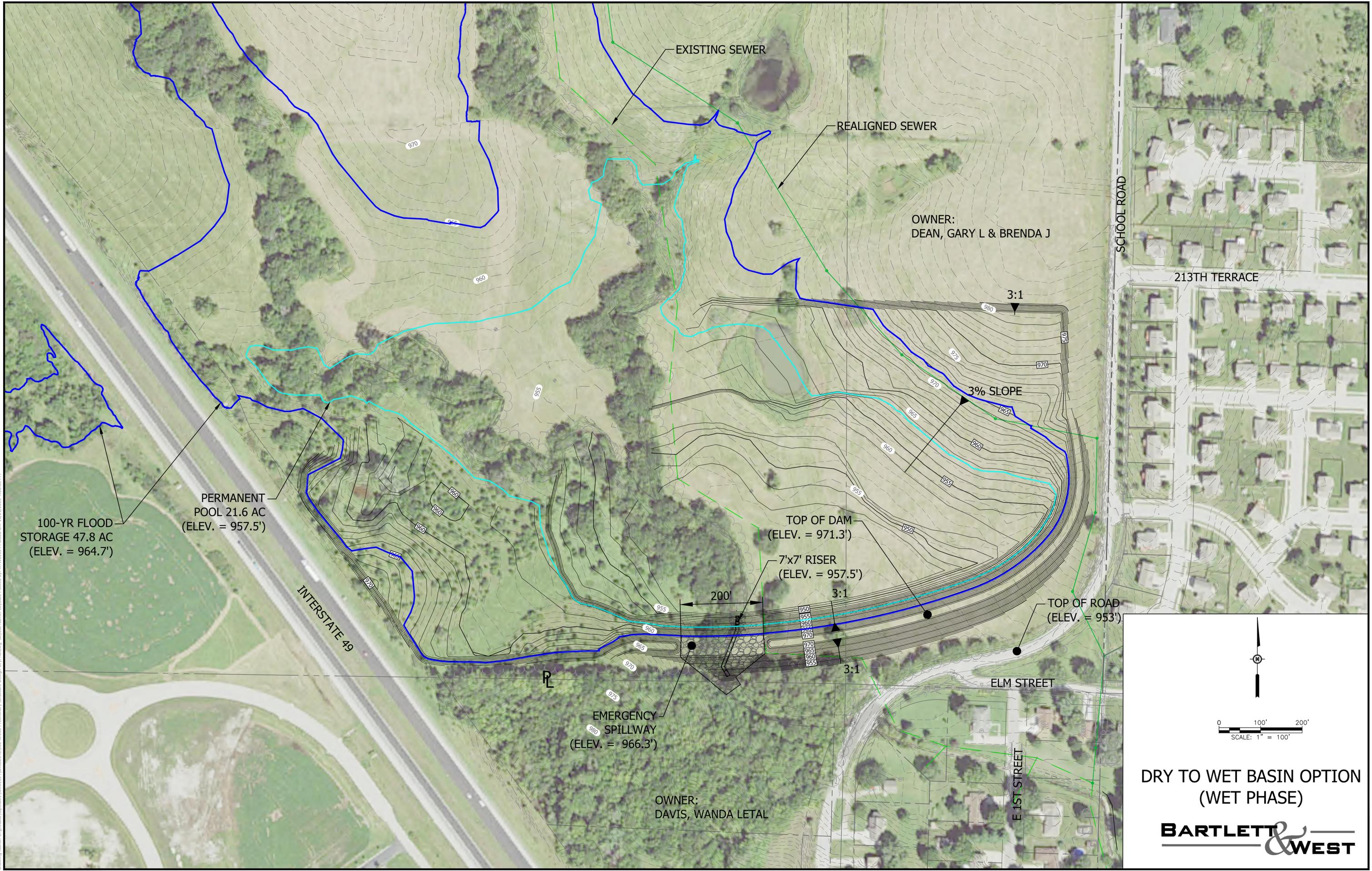


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SCALE: 1" = 100'

WET BASIN OPTION

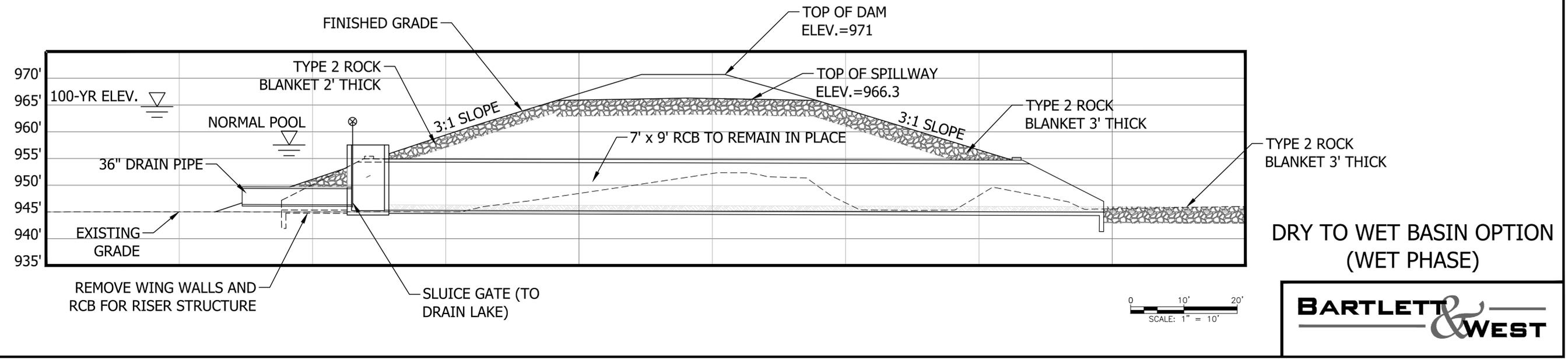
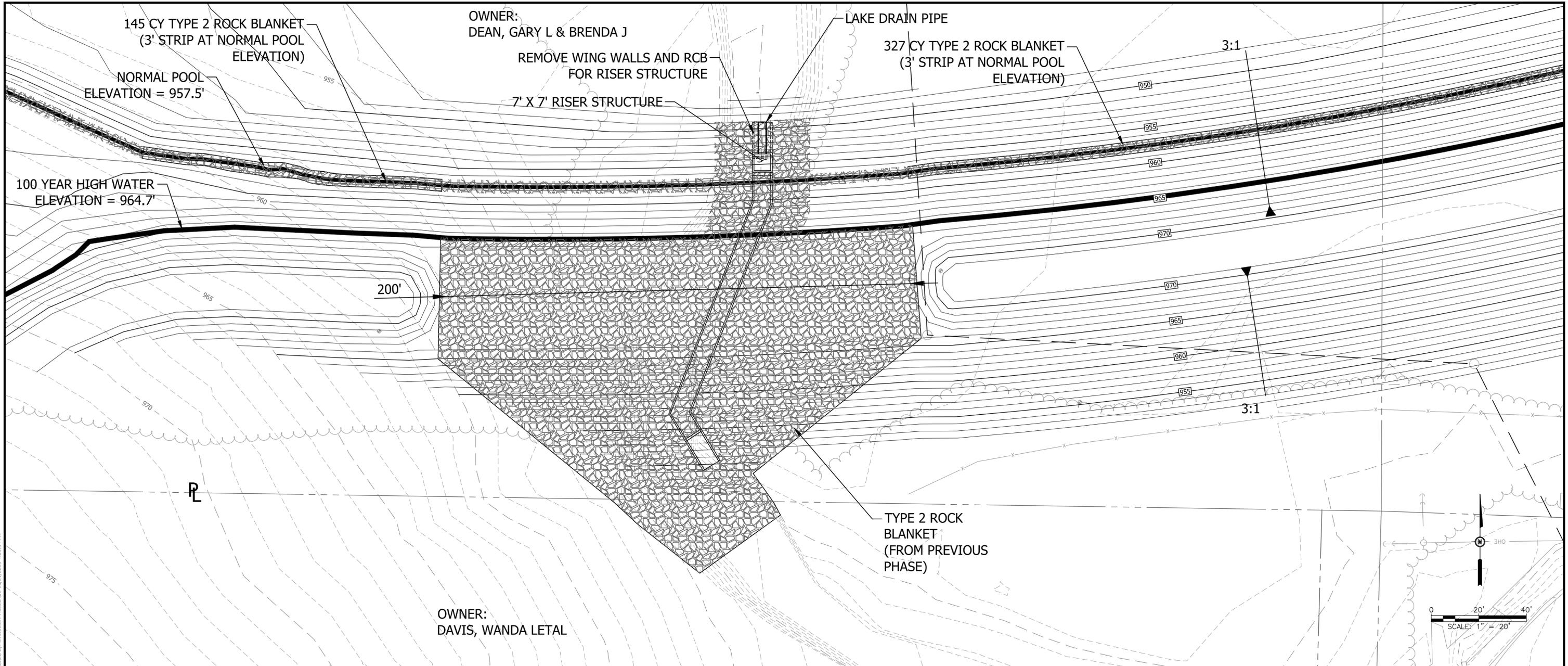
BARTLETT & WEST



**DRY TO WET BASIN OPTION
(WET PHASE)**



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 18



**DRY TO WET BASIN OPTION
(WET PHASE)**



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