

CITY OF WISCONSIN DELLS MEETING AGENDA

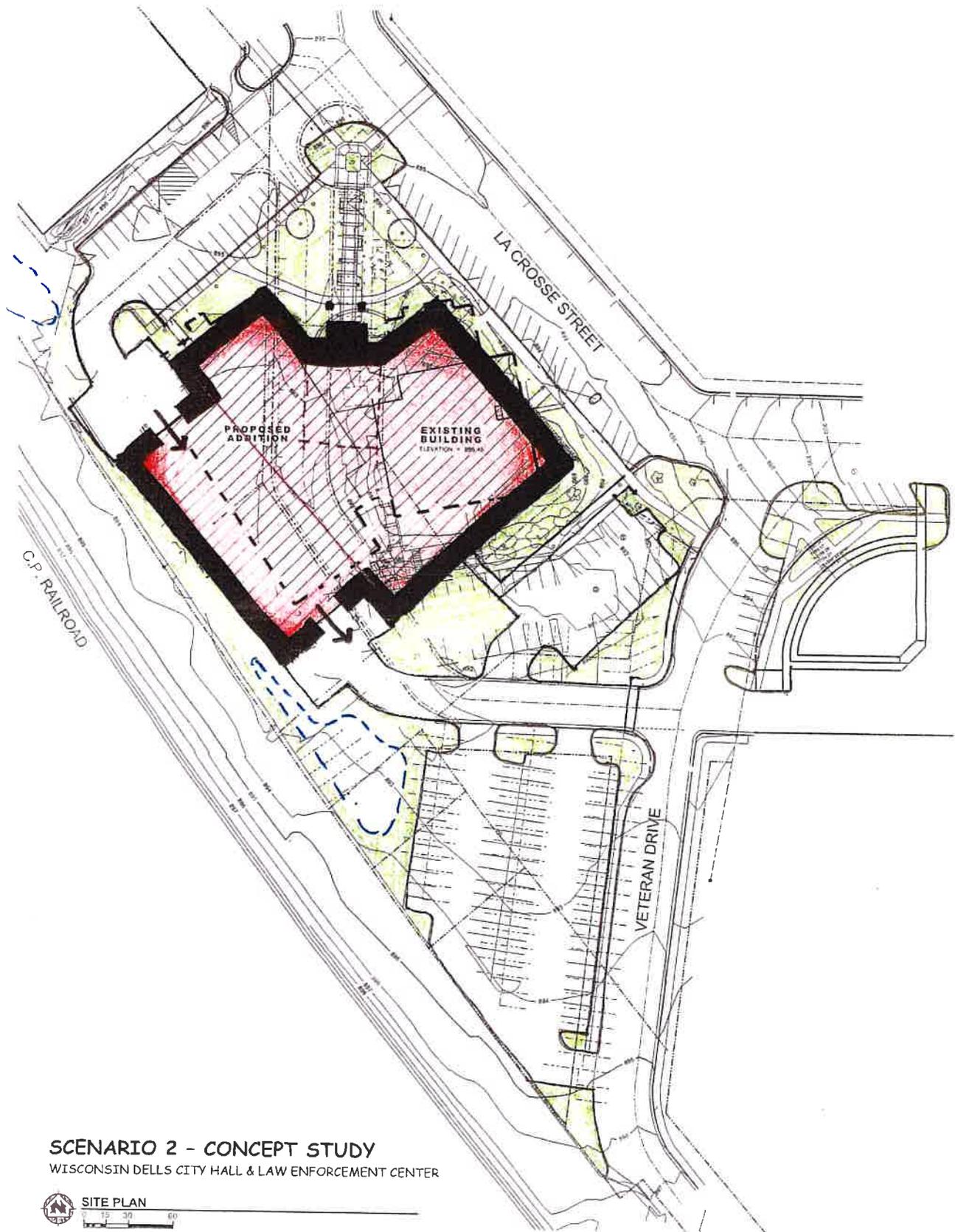
Meeting Description PUBLIC WORKS COMMITTEE

Date: TUESDAY, NOVEMBER 13, 2018 Time: 5:00 PM

Location: MUNICIPAL BUILDING 300 LA CROSSE STREET, WISCONSIN DELLS, WI

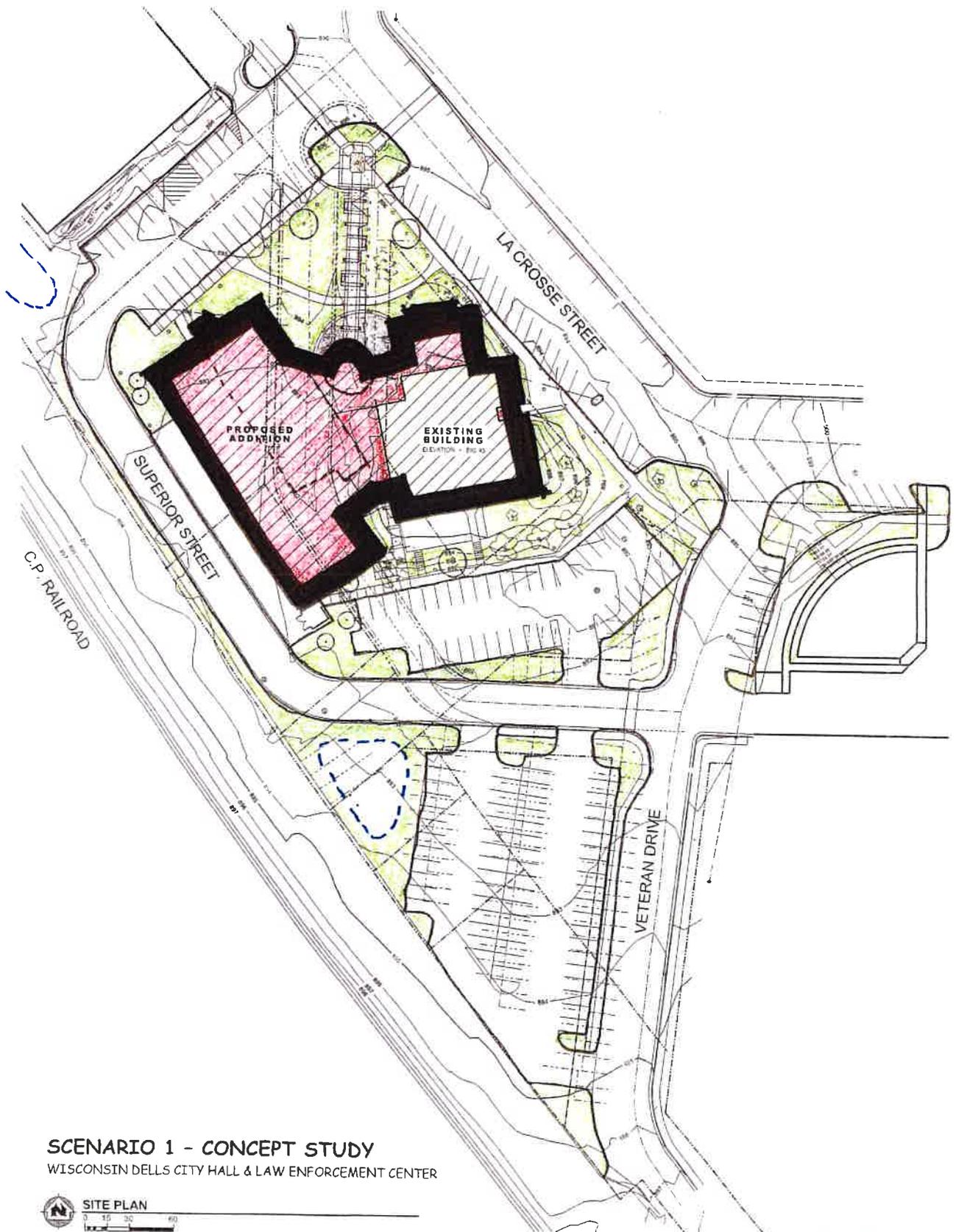
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| | Committee Members | | |
| | Ald. Jesse DeFosse- Chair | Ald. Brian Holzem | |
| | Mayor Ed Wojnicz | Ald. Terry Marshall | |

| | |
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| AGENDA ITEMS: | |
| 1 | CALL MEETING TO ORDER AND ATTENDANCE |
| 2 | APPROVAL OF THE MINUTES FROM THE OCTOBER 8, 2018 PUBLIC WORKS MEETING |
| 3 | DISCUSSION/POSSIBLE DECISION ON STRUCTURAL REVISIONS TO THE INDUSTRIAL PARK WATER TOWER |
| 4 | DISCUSSION/POSSIBLE DECISION ON VACATING SHADY LANE OR AN AGREEMENT WITH ADJACENT PROPERTY OWNERS |
| 5 | DISCUSSION/POSSIBLE DECISION ON MUNICIPAL BUILDING AREA AS IT RELATES TO THE SUPERIOR/LA CROSSE STREET RECONSTRUCTION PROJECT |
| 6 | DISCUSSION/POSSIBLE DECISION ON VACATING A PORTION OF RIVER ROAD NEAR CHULA VISTA |
| 7 | DISCUSSION AND POSSIBLE DECISION(S) REGARDING WISCONSIN DELLS SCHOOL DISTRICT PROJECT (CURRENT & FUTURE UTILITY IMPROVEMENTS) |
| 8 | UPDATES ON CURRENT STORM SEWER/ALLEY PROJECTS |
| 9 | ANY OTHER ITEMS FOR REFERRAL TO A FUTURE MEETING |
| 10 | FUTURE PUBLIC WORKS MEETING (MONDAY, DECEMBER 10, 2018 @ 5:00PM) |
| 11 | ADJOURNMENT |
| | |
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| | |
| | <p>Open Meetings Notice: If this meeting is attended by one or more members of the Common Council who are not members of this committee, their attendance may create a quorum of another city commission, board or committee under the Wisconsin Open Meetings Law; However, no formal action will be taken by any governmental body at the above stated meeting other than the body, committee, commission, or board identified in this meeting notice. Please be advised that upon reasonable notice, the City of Wisconsin Dells will furnish appropriate auxiliary aids and services to afford individuals with disabilities an equal opportunity to participate in meeting activities.</p> |
| | <p>ALDERPERSON JESSE DEFOSSE, CHAIRPERSON DISTRIBUTED NOVEMBER 9, 2018</p> |



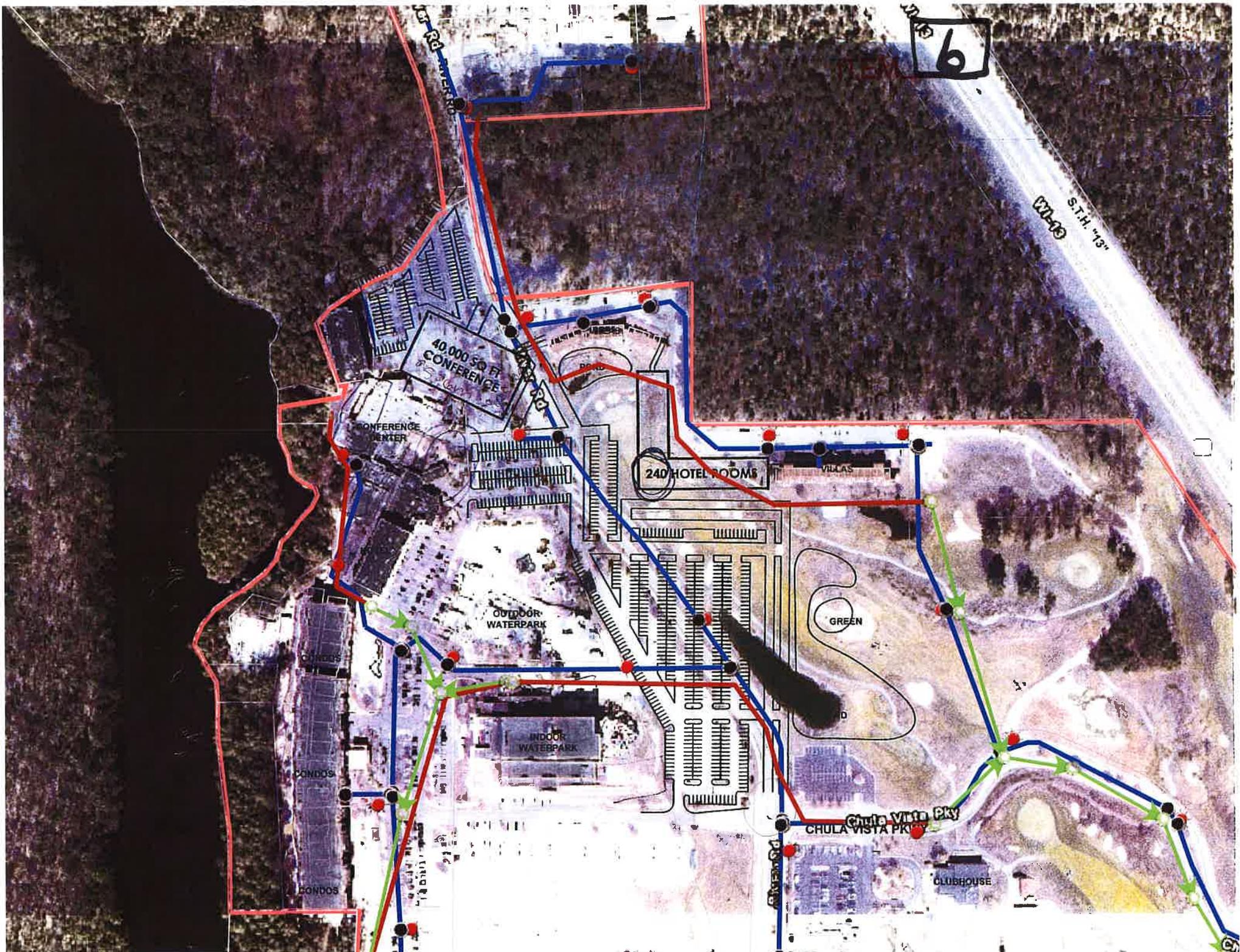
SCENARIO 2 - CONCEPT STUDY
WISCONSIN DELLS CITY HALL & LAW ENFORCEMENT CENTER

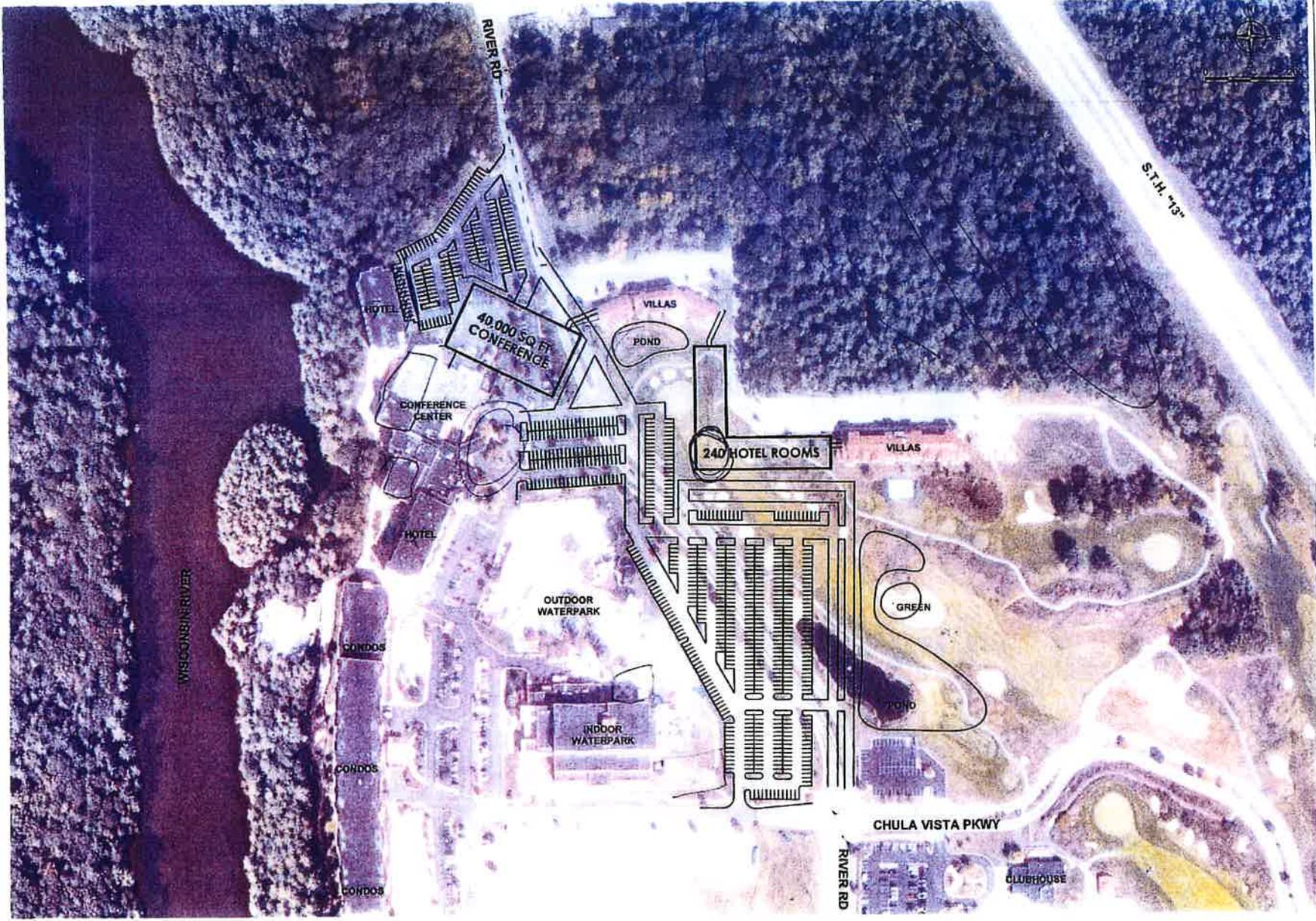


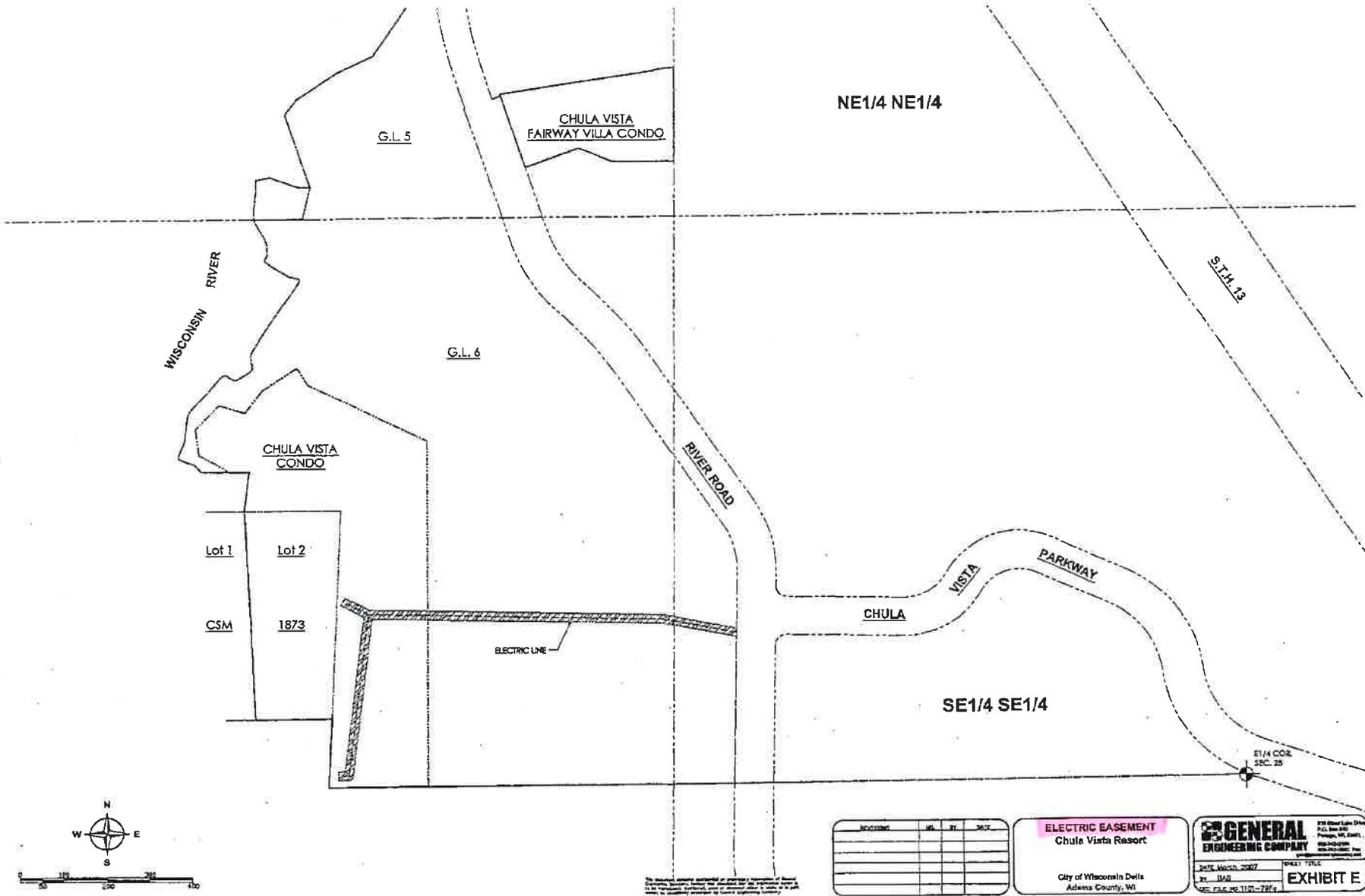


SCENARIO 1 - CONCEPT STUDY
 WISCONSIN DELLS CITY HALL & LAW ENFORCEMENT CENTER









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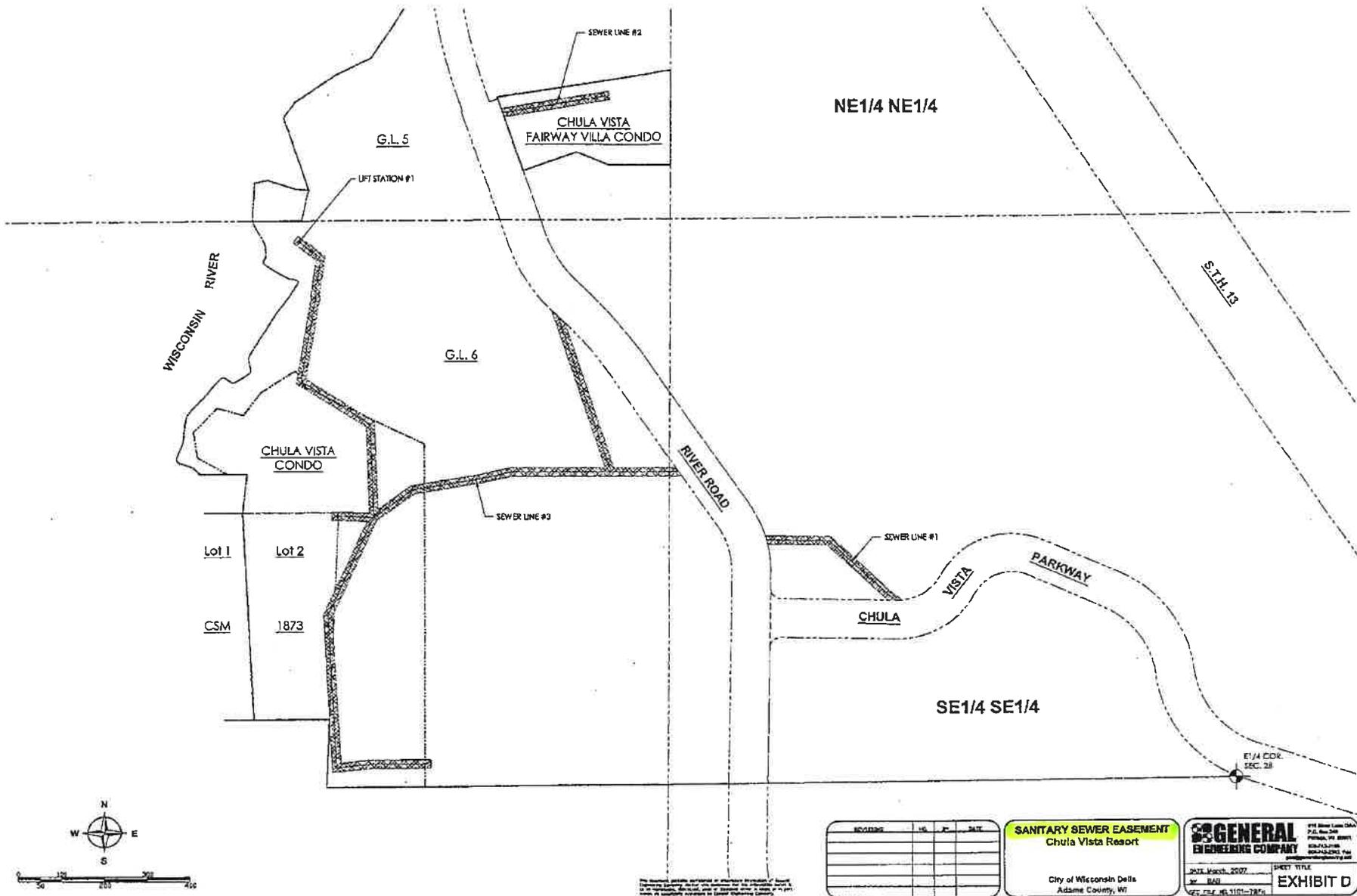
ELECTRIC EASEMENT
 Chula Vista Resort
 City of Wisconsin Dells
 Adams County, WI

GENERAL ENGINEERING COMPANY
 218 West Lake Drive
 P.O. Box 242
 Potosi, WI 53901
 (608) 338-1100
 FAX (608) 338-1101

DATE: March 2007
 BY: JAG
 FOR FILE: NE 1121-7874

EXHIBIT E

The owner warrants that the information contained herein is true and correct to the best of their knowledge and belief. The owner also warrants that the information contained herein is not to be used for any purpose other than that for which it was prepared.



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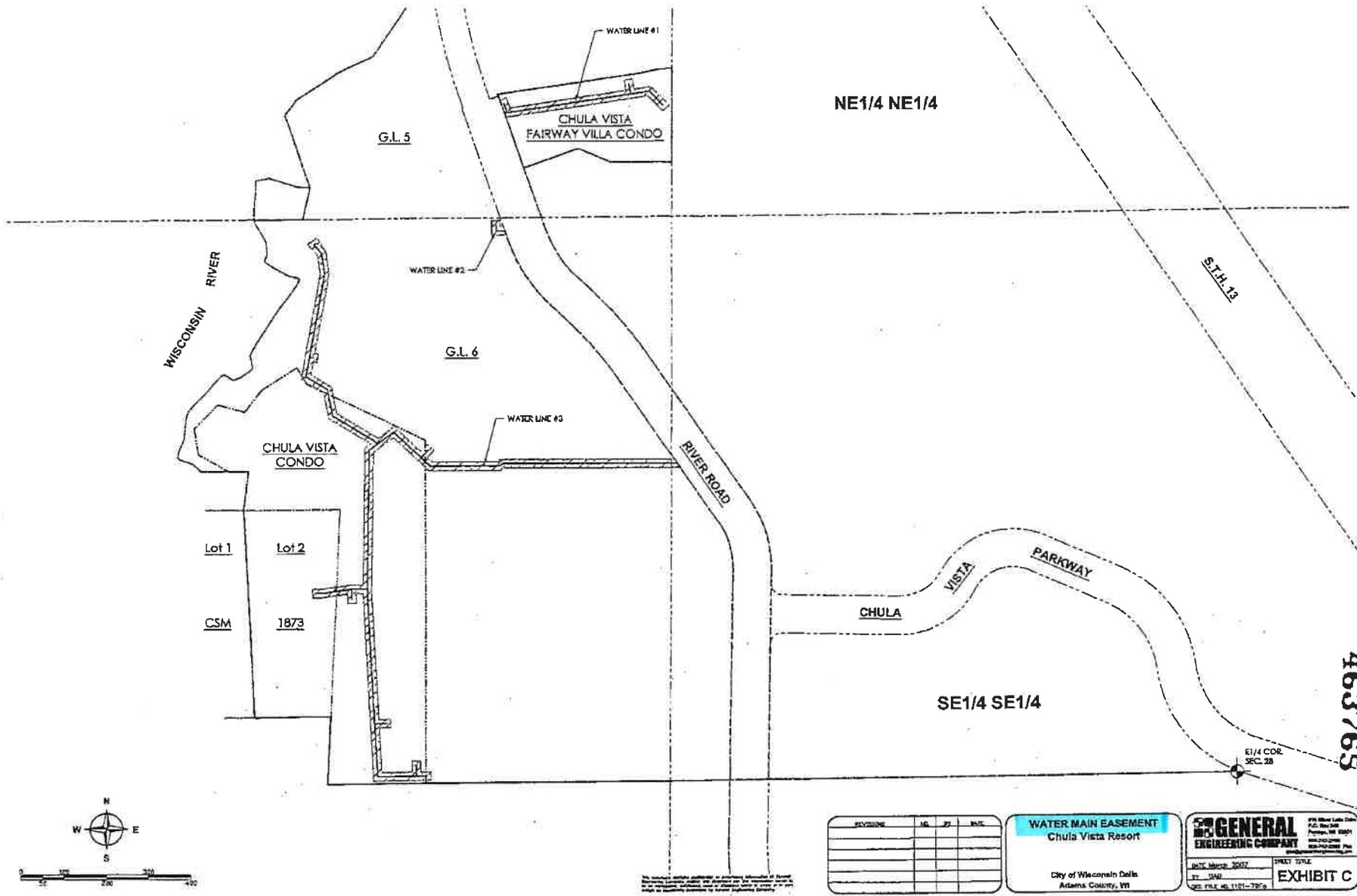
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| NO. | DATE | BY | REVISION |
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SANITARY SEWER EASEMENT
 Chula Vista Resort
 City of Wisconsin Dells
 Adams County, WI

GENERAL ENGINEERING COMPANY
 215 North Leno (D&D)
 P.O. Box 248
 Potosi, WI 53901
 608-325-1111
 www.generaleng.com

JUL 19/03, 2007
 J.E. BAE
 E1/4 COR. SEC. 28
 SHEET TITLE
EXHIBIT D



This drawing is the property of the Engineer. It is to be used only for the project and location specified herein. It is not to be used for any other purpose without the written consent of the Engineer. The Engineer is not responsible for any errors or omissions in this drawing.

| REVISION | DATE | BY | CHK |
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WATER MAIN EASEMENT
 Chula Vista Resort
 City of Wisconsin Dells
 Adams County, WI

GENERAL ENGINEERING COMPANY
 478 Wood Lake Drive
 P.O. Box 248
 Piquette, MI 49801
 517-233-2222
 Fax: 517-233-2223

DATE: March 2007
 CITY: WISCONSIN DELLS
 COUNTY: ADAMS

SHEET TITLE:
EXHIBIT C

463765

General Engineering Company
P.O. Box 340
916 Silver Lake Drive
Portage, WI 53901



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gec@generalengineering.net
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Engineers • Consultants • Inspectors

MEMO

ITEM 7

To: Terry Slack, Wisconsin Dells School District
Bill Ryan, ADCI
Steve, Kieckhafer, Plunkett Raysich Architects

From: Brad Boettcher, PE 

Date: April 3, 2018

Subject: Conceptual Offsite Infrastructure Improvement
Proposed Wisconsin Dells High School

I was asked a couple of months ago by Bill Ryan at ADCI to put together thoughts and concepts for off-site infrastructure improvements for the proposed new high school location along STH 12 in the City of Wisconsin Dells.

I met with the City of Wisconsin Dells Director of Public Works, Dave Holzem, to review each of the utilities and the possible improvements needed for the proposed school project. Note that there have been no engineering studies completed, so the improvements contemplated are based on GEC's and the City working knowledge of their existing systems. Also, there are possibly some improvements shown that could either not be required, or that could be partially paid for by the municipality (ie: there are many instances where larger water main is installed (12" vs. 8") where the municipality will pay for the pipe upsizing for future capacity).

We have compiled a list of assumptions for each type of improvement, noted below, completed a Preliminary Engineer's Estimate for each improvement and compiled a map to help show each improvement.

Water Main:

- A. Connect proposed 12" water main to existing 12" water main at point A in intersection of Hwy 12/16 and Pioneer Dr.
- B. The proposed 12" water main to be installed on the south west side of Hwy 12/16 to point C.
- C. At point B an existing 8x12x8 tee will be replaced with a 12x12x12x8 cross.
- D. A proposed 12" water main will replace an existing 8" water main from point B to point D
- E. At point D an 8x10x12 tee will be installed.
- F. A proposed 10" water main will be installed from point D to E and tie into existing 10" water main at point E.
- G. A proposed 8" is proposed to loop around the proposed high school from point D to point C.
- H. Appropriately spaced valves and fire hydrants have been included in the concept plan.

Sanitary Sewer:

- A. A new sanitary sewer lift station will be installed at point H to serve the proposed development.
- B. A proposed 6" sanitary sewer force main will be installed from point H to point G
- C. Proposed 8" gravity sanitary sewer will require to be extended from an existing manhole at point F and to point G.
- D. An existing gravity sanitary sewer will be connected from point I and flow to the proposed sanitary lift station at point H.
- E. Existing lift stations located at points D and G will be removed.
- F. Lift Station budget does not include cost of getting power to lift station, no backup generator, no VFD's and is assumed to be using an underground valve vault.

Portage

Black River Falls

La Crosse



Street Extension/storm sewer:

- A. It is assumed Fitzgerald Road will be reconstructed and replaced with a 37' wide back of curb to back of curb urban street section from point B to point J (just past the furthest most northern entrance drive). This work is assumed to include:
 - o Grading / Excavating
 - o Gravel base
 - o Curb and Gutter
 - o Asphalt Paving
 - o Sidewalk
 - o Storm Sewer
- B. Storm sewer will extend from point J to Point D and part way between point D and B. The storm sewer will discharge to a proposed storm water pond located on the school site west of point D.
- C. No Fitzgerald Road / STH 12 intersection improvements are included.

Highway Intersection Improvements: Based on the current conceptual plan, these improvements would not be needed. However, if the DOT requires some Fitzgerald Road / STH 12 intersection improvements or the proposed main entrance changes to STH 12, then this estimate could be used for the improvements listed below. Wisconsin Department of Transportation will be heavily involved in the design criteria which could be different from the assumptions below.

- A. A 12' wide right turn deceleration lane (northbound on STH 12) will be added and a right turn acceleration lane (right turn onto STH 12).
- B. A 12' wide bypass lane (southbound on STH 12) will be added.
- C. No improvements to existing STH 12 northbound or southbound travel lanes.
- D. Design Based on a DOT Type B intersection with a bypass lane.

ENGINEER'S CONCEPT COST ESTIMATE

PROJECT: Wisconsin Dells School District Brew Farm
City of Wisconsin Dells

OVERALL OFFSITE IMPROVEMENTS

| Item | No. of Units | Units | Unit Cost | Total Amount |
|--|--------------|----------|--------------|-----------------|
| 1 Mobilization/Demobilization (All offsite work) | 1 | Lump Sum | \$ 10,000.00 | \$ 10,000 |
| 2 Traffic Control | 1 | Lump Sum | \$ 30,000.00 | \$ 30,000 |
| 3 Erosion Control | 1 | Lump Sum | \$ 30,000.00 | \$ 30,000 |
| Subtotal | | | | \$70,000 |
| Contingencies (20%) | | | | \$14,000 |
| Engineering (15%) | | | | \$10,500 |
| Estimated Total | | | | \$94,500 |

WATER MAIN EXTENSION

| Item | No. of Units | Units | Unit Cost | Total Amount |
|--|--------------|----------|--------------|------------------|
| 1 Connect to Existing Water Main | 3 | Each | \$ 2,000.00 | \$ 6,000 |
| 2 Water Main, 8" D.I. | 2550 | Lin Ft | \$ 55.00 | \$ 140,250 |
| 3 Gate Valve, 8" | 6 | Each | \$ 1,500.00 | \$ 9,000 |
| 4 Water Main, 10" D.I. | 350 | Lin Ft | \$ 65.00 | \$ 22,750 |
| 5 Gate Valve, 10" | 2 | Each | \$ 2,500.00 | \$ 5,000 |
| 6 Water Main, 12" D.I. | 2950 | Lin Ft | \$ 75.00 | \$ 221,250 |
| 7 Gate Valve, 12" | 12 | Each | \$ 3,000.00 | \$ 36,000 |
| 8 Hydrant w/ 6" Lead and 6" Gate Valve | 10 | Each | \$ 5,000.00 | \$ 50,000 |
| 9 Rock Excavation | 2200 | Cu. Yd. | \$ 50.00 | \$ 110,000 |
| 10 Restoration (including driveways, roads, landscaping, etc.) | 1 | Lump Sum | \$ 40,000.00 | \$ 40,000 |
| Subtotal | | | | \$640,300 |
| Contingencies (20%) | | | | \$128,100 |
| Engineering (15%) | | | | \$96,000 |
| Estimated Total | | | | \$864,400 |



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| | |
|---|----------------------------|
| Subject: Preliminary Cost Estimate | |
| Wisconsin Dells School District Brew Farm | |
| Date: 3/29/2018 | Engineer: KCW |
| Sheet: 1 of 3 | GEC No.: 2-0212-66C |

How Big (Future)

SANITARY SEWER EXTENSION

| Item | No. of Units | Units | Unit Cost | Total Amount |
|--|--------------|-----------|--------------|------------------|
| 1 Connect to Existing Sanitary Sewer | 3 | Each | \$ 1,500.00 | \$ 4,500 |
| 2 Sanitary Sewer, 8" PVC Gravity (Open Cut) | 1650 | Lin Ft. | \$ 45.00 | \$ 74,250 |
| 3 Rock Excavation | 1150 | Cu. Yd. | \$ 50.00 | \$ 57,500 |
| 4 Precast Concrete Manhole (4' ID) | 78 | Vert. Ft. | \$ 250.00 | \$ 19,500 |
| 5 Manhole Frame & Cover with Interior Seal | 6 | Each | \$ 750.00 | \$ 4,500 |
| 6 Remove Existing Lift Station | 2 | Lump Sum | \$ 10,000.00 | \$ 20,000 |
| 7 Submersible Lift Station Construction | 1 | Lump Sum | \$175,000.00 | \$ 175,000 |
| 8 Lift Station Integration Allowance | 1 | Lump Sum | \$ 10,000.00 | \$ 10,000 |
| 9 Utility Allowance | 1 | Lump Sum | \$ 10,000.00 | \$ 10,000 |
| 10 Forcemain 6-Inch PVC C900 (Open Cut) | 2050 | Lin Ft. | \$ 45.00 | \$ 92,250 |
| 11 Rock Excavation | 900 | Cu. Yd. | \$ 50.00 | \$ 45,000 |
| 12 Restoration (including driveways, roads, landscaping, etc.) | 1 | Lump Sum | \$ 20,000.00 | \$ 20,000 |
| Subtotal | | | | \$532,500 |
| Contingencies (20%) | | | | \$106,500 |
| Engineering (15%) | | | | \$79,900 |
| Estimated Total | | | | \$718,900 |

FITZGERALD ROAD IMPROVEMENTS

(No Intersection Work @ Hwy 12)

| Item | No. of Units | Units | Unit Cost | Total Amount |
|---|--------------|----------|--------------|------------------|
| 1 Unclassified Excavation (including removal of road) | 1 | Lump Sum | \$ 35,000.00 | \$ 35,000 |
| 2 Sawcut AC Pavement | 100 | Lin. Ft. | \$ 2.00 | \$ 200 |
| 3 Aggregate Base Course (10") | 3900 | Ton | \$ 9.50 | \$ 37,050 |
| 4 Fine Grading of Aggregate Base Course | 6400 | Sq. Yd. | \$ 1.50 | \$ 9,600 |
| 5 Asphaltic Concrete Pavement (4") | 1320 | Ton | \$ 60.00 | \$ 79,200 |
| 6 30" Curb & Gutter | 3100 | Lin. Ft. | \$ 11.50 | \$ 35,650 |
| 7 Sidewalk (4") | 7750 | Sq. Ft. | \$ 5.50 | \$ 42,625 |
| 8 Clearing & Grubbing | 1 | Lump Sum | \$ 3,000.00 | \$ 3,000 |
| 9 Restoration (Topsoil, Fertilize, Seed, Mulch) | 1 | Lump Sum | \$ 12,000.00 | \$ 12,000 |
| 10 2'x3' Box | 10 | Each | \$ 1,500.00 | \$ 15,000 |
| 11 RCP 12" Storm Sewer | 400 | Lin. Ft. | \$ 50.00 | \$ 20,000 |
| 12 RCP 18" Storm Sewer | 1100 | Lin. Ft. | \$ 60.00 | \$ 66,000 |
| 13 Inlet Casting & Grates | 10 | Each | \$ 600.00 | \$ 6,000 |
| 14 18" RCP Endwall w/ Rip Rap | 1 | Each | \$ 1,750.00 | \$ 1,750 |
| Subtotal | | | | \$363,100 |
| Contingencies (20%) | | | | \$72,600 |
| Engineering (15%) | | | | \$54,500 |
| Estimated Total | | | | \$490,200 |



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| Subject: Preliminary Cost Estimate | |
| Wisconsin Dells School District Brew Farm | |
| Date: 3/29/2018 | Engineer: KCW |
| Sheet: 2 of 3 | GEC No.: 2-0212-66C |

STH 12 HIGHWAY INTERSECTION IMPROVEMENTS

| Item | No. of Units | Units | Unit Cost | Total Amount |
|---|--------------|----------|--------------|------------------|
| 1 Additional Traffic Control | 1 | Lump Sum | \$ 20,000.00 | \$ 20,000 |
| 2 Unclassified Excavation | 1 | Lump Sum | \$ 15,000.00 | \$ 15,000 |
| 2 Sawcut Existing AC Pavement | 1400 | Lin. Ft. | \$ 2.00 | \$ 2,800 |
| 4 Aggregate Base Course (10") | 850 | Tons | \$ 9.50 | \$ 8,075 |
| 5 Fine Grading of Aggregate Base Course | 1400 | Sq. Yd. | \$ 1.50 | \$ 2,100 |
| 6 Asphaltic Concrete Pavement (4") | 350 | Ton | \$ 60.00 | \$ 21,000 |
| 7 2' Gravel Shoulders with ditch work | 1400 | Lin. Ft. | \$ 3.00 | \$ 4,200 |
| 8 Restoration (Topsoil, Fertilize, Seed, Mulch) | 1 | Lump Sum | \$ 10,000.00 | \$ 10,000 |
| Subtotal | | | | \$83,200 |
| Contingencies (20%) | | | | \$16,600 |
| Engineering (15%) | | | | \$12,500 |
| Estimated Total | | | | \$112,300 |

Typo B

- Deceleration / Acceleration Lanes

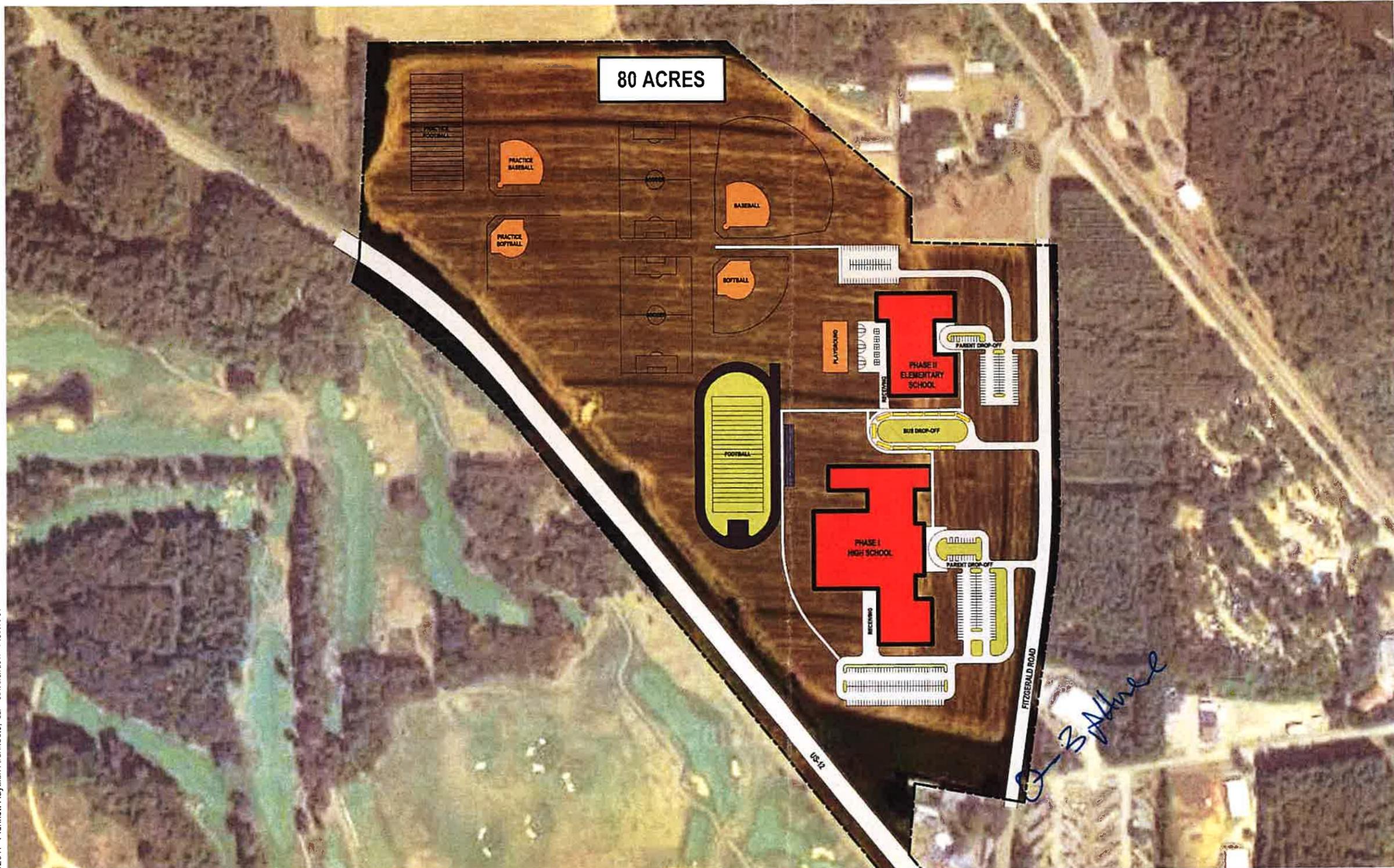
- Bypass

Minimal Bid ?



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| Wisconsin Dells School District Brew Farm | |
| Date: 3/29/2018 | Engineer: KCW |
| Sheet: 3 of 3 | GEC No.: 2-0212-66C |



| Key | |
|---|-------------------|
| | Existing Building |
| | Addition |
| | Heavy Renovation |

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