

All Agency Project Request

2011 - 2013 Biennium

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|-------------------------|---------------------------|----------------------------|-------------------------------|
| <u>Agency</u> | <u>Institution</u> | <u>Building No.</u> | <u>Building Name</u> |
| University of Wisconsin | Stevens Point | 285-0K-9912 | Utility - Campus Parking Lots |

| | | | |
|---------------------------|-------|-----------------------------|--------------------------|
| <u>Project No.</u> | 11H1A | <u>Project Title</u> | Parking Lots P&V Reconst |
|---------------------------|-------|-----------------------------|--------------------------|

Project Intent

This project reconstructs and reconfigures two parking lots providing a total of 424 parking spaces.

Project Description

Lot P, a 284-stall parking lot located on the northwest corner of campus, will be reconfigured to incorporate 4,100 SF of new storm water bio-filtration and collection devices interior to the pavement areas by expanding the paving footprint approximately 40 feet north and 5,700 SF total. Filtered storm runoff will continue to be directed to the city of Stevens Point storm water system. No subsurface diversion will occur. Lot V, a 140-stall parking lot also located on the northwest corner of campus and adjacent to the south of Lot P, will be reconstructed. Lot V is divided into two portions north and south of 601 Division Street, a campus building. The north portion contains 91-stalls and the south portion contains 49-stalls. Due to size restrictions, no storm water management facilities will be included for Lot V.

A robust landscape plan incorporating zone 4 tolerant plant species will provide screening along the adjoining property and right of way setbacks. Existing trees and shrubs will be protected as much as possible. Interior planting islands will be evenly distributed and provide a minimum of 2% of the surface area as required by city ordinance. All planting areas will be irrigated with drip irrigation or minimum spray connected to the campus central irrigation control system. ADA compliant van-accessible parking spaces will be provided at required quantity and sufficiently distributed to correspond with adjoining building ADA access routes and entrances.

A dark sky compliant lighting plan incorporating the latest in energy saving equipment will be provided for both lots. LED lighting fixtures successfully installed on two other campus lots in 2009 will serve as the design style and performance standard to meet or exceed. A minimum of 20 parking meter bases and poles will be installed or protected in Lot V-North. UW-Stevens Point will be responsible for removing and installing the meter heads. Regulatory and identification signage will be installed or protected. Surveying will be needed to ascertain existing boundaries, rights of way, and topography. Survey, topography, drainage, lighting, and landscaping plans will be prepared for city of Steven Point zoning site plan review prior to bidding. Existing asphalt, concrete and base material will be re-used to the greatest extent practical and the quantities documented. Lot P and Lot V-North sit atop a recognized contaminated groundwater plume and the remediation is being supervised by the Wisconsin DNR. This project's design team will need to coordinate with the Wisconsin DNR to ascertain the proper handling of any excavated material. Past excavation of material within the plume east of the site has not required special handling.

Project Justification

The surface condition of both parking lots is severely deteriorated and annual maintenance procedures (crackfilling, infrared bituminous thermal patching) are no longer effective. Reconstructing the lots is the only option to address and remedy their condition.

The city of Stevens Point zoning requires a minimum of 2% interior planting islands on all parking lots greater than one acre and requires compliance when more than 50% of the surface area is reconstructed. Lots P and V occupy 2.5 acres. In addition, UW-Stevens Point is required by the Wisconsin DNR to reduce total suspended solids (TSS) by 40% by March 2013. This project will achieve an annual TSS reduction of at least 0.5 tons through the introduction of new storm water management facilities in Lot P.

The high pressure sodium lighting does not provide broad spectrum lighting, nor the energy efficiency currently available. The cobra-head light fixtures do not comply with dark sky standards for reduction of light pollution and light-spread to adjoining property. This project will install new energy efficient, high performance, and dark sky compliant light fixtures.

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A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of parking lots, landscape design, exterior lighting, storm water management, and contaminated soil remediation as part of a design team. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

Commissioning

- Level 1
- Level 2

Project Budget

| | | | | | |
|---------------------|-----|--------------------|--|--|--|
| Construction Cost: | | \$1,358,000 | | | |
| Haz Mats: | | \$0 | | | |
| Construction Total: | | \$1,358,000 | | | |
| Contingency: | 15% | \$203,900 | | | |
| A/E Design Fees: | 8% | \$108,600 | | | |
| DFD Mgmt Fees: | 4% | \$62,500 | | | |
| Equipment/Other: | | \$0 | | | |
| | | \$1,733,000 | | | |

Funding Source

| | <u>Total</u> |
|--|---------------------|
| GFSB - <input type="checkbox"/> | \$0 |
| PRSB - Utilities Repair & Renovation [T570] | \$1,733,000 |
| Agency/Institution Cash <input type="checkbox"/> | \$0 |
| Gifts | \$0 |
| Grants | \$0 |
| Building Trust Funds [BTF] | \$0 |
| Other Funding Source | \$0 |
| | \$1,733,000 |

Project Schedule

- SBC Approval: 09/2011
- A/E Selection: 10/2011
- Bid Opening: 04/2012
- Construction Start: 05/2012
- Substantial Completion: 08/2012
- Project Close Out: 12/2012

Project Contact

- Contact Name: Carl A. Rasmussen
- Email: <crassmuss@uwsp.edu>
- Telephone No.: (715) 346-2781 x

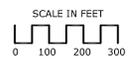
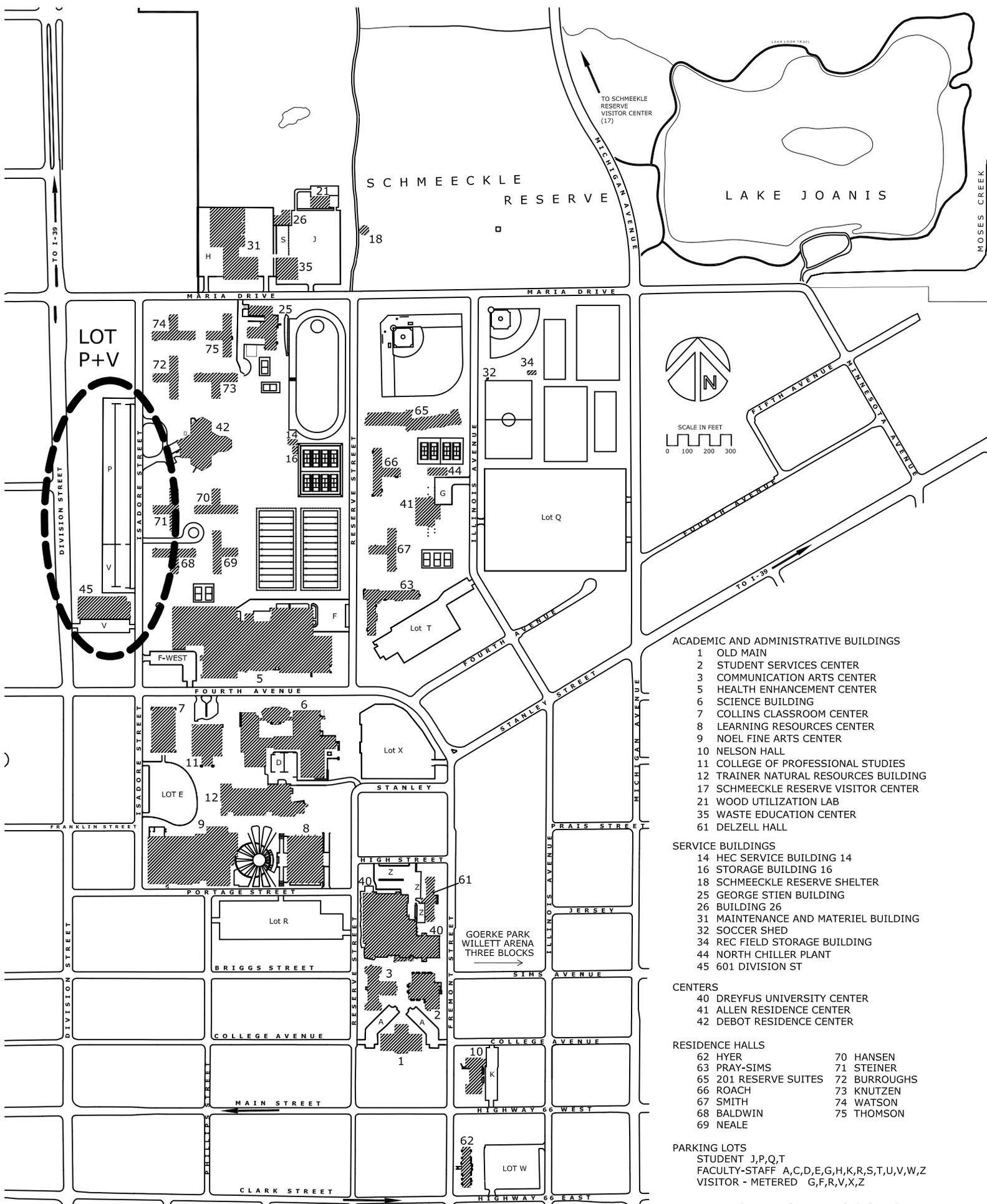
Project Scope Consideration Checklist

- | | <u>Y</u> | <u>N</u> |
|--|-------------------------------------|-------------------------------------|
| 1. Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction. <i>All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the project an extension of another authorized project? If so, provide the project #... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are hazardous materials involved? If yes, what materials are involved and how will they be handled? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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5. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent?
6. Are other projects or work occurring within this project's work area? If yes, provide the project # and/or description of the other work in the project scope.
7. Have you identified the WEPA designation of the project...Type I, Type II, or Type III?
Type III.
8. Is the facility listed on a historic register (federal or state), or is the facility listed by the Wisconsin Historical Society as a building of potential historic significance? If yes, describe here.
9. Are there any other issues affecting the cost or status of this project?
10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution.
Project work is seasonal. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if possible.
11. Will the project improve, decrease, or increase the function and costs of facilities operational and maintenance budget and the work load? If yes, to what extent?
12. Are there known code or health and safety concerns? If yes, identify and indicate if the correction or compliance measure was included in the budget estimate, or indicate plans for correcting the issue(s).
UW-Stevens Point parking lots do not meet the city of Stevens Point zoning ordinance providing a minimum of 2% interior planting space for all lots larger than 1 acre in size and this project will remedy that issues for Lots P and V. UW-Stevens Point does not yet meet the required 40% TSS reduction by 2013 required by its MS4/WPDES permit and this project will make progress on TSS reduction.
13. Are there potential energy or water usages reduction grants, rebates, or incentives for which the project may qualify (i.e. Focus on Energy <<http://www.focusonenergy.com>> or the local utility provider)? If yes, describe here.
14. If this is an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here.



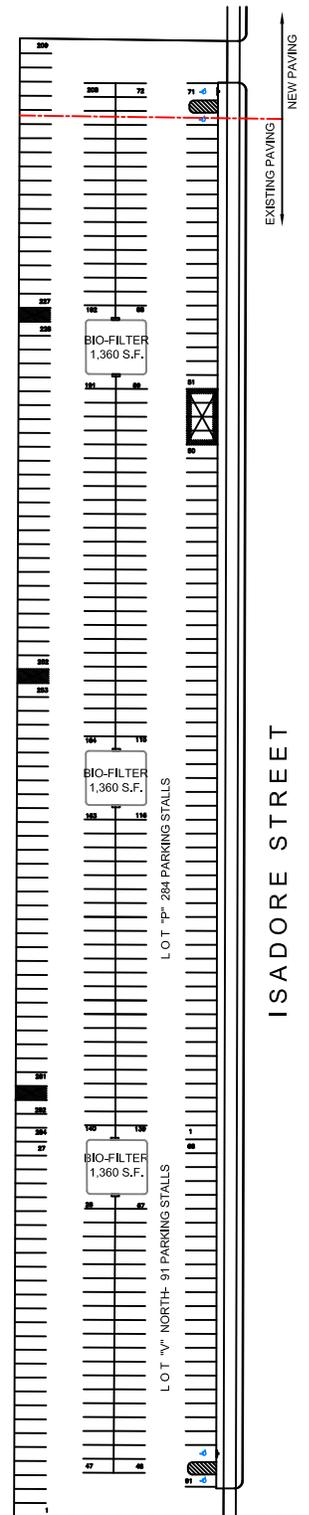
- ACADEMIC AND ADMINISTRATIVE BUILDINGS**
- 1 OLD MAIN
 - 2 STUDENT SERVICES CENTER
 - 3 COMMUNICATION ARTS CENTER
 - 5 HEALTH ENHANCEMENT CENTER
 - 6 SCIENCE BUILDING
 - 7 COLLINS CLASSROOM CENTER
 - 8 LEARNING RESOURCES CENTER
 - 9 NOEL FINE ARTS CENTER
 - 10 NELSON HALL
 - 11 COLLEGE OF PROFESSIONAL STUDIES
 - 12 TRAINER NATURAL RESOURCES BUILDING
 - 17 SCHMECKLE RESERVE VISITOR CENTER
 - 21 WOOD UTILIZATION LAB
 - 35 WASTE EDUCATION CENTER
 - 61 DELZELL HALL
- SERVICE BUILDINGS**
- 14 HEC SERVICE BUILDING 14
 - 16 STORAGE BUILDING 16
 - 18 SCHMECKLE RESERVE SHELTER
 - 25 GEORGE STIEN BUILDING
 - 26 BUILDING 26
 - 31 MAINTENANCE AND MATERIEL BUILDING
 - 32 SOCCER SHED
 - 34 REC FIELD STORAGE BUILDING
 - 44 NORTH CHILLER PLANT
 - 45 601 DIVISION ST
- CENTERS**
- 40 DREYFUS UNIVERSITY CENTER
 - 41 ALLEN RESIDENCE CENTER
 - 42 DEBOT RESIDENCE CENTER
- RESIDENCE HALLS**
- 62 HYER
 - 63 PRAY-SIMS
 - 65 201 RESERVE SUITES
 - 66 ROACH
 - 67 SMITH
 - 68 BALDWIN
 - 69 NEALE
 - 70 HANSEN
 - 71 STEINER
 - 72 BURROUGHS
 - 73 KNUTZEN
 - 74 WATSON
 - 75 THOMSON
- PARKING LOTS**
- STUDENT J,P,Q,T
 - FACULTY-STAFF A,C,D,E,G,H,K,R,S,T,U,V,W,Z
 - VISITOR - METERED G,F,R,V,X,Z

**UNIVERSITY OF WISCONSIN
STEVENS POINT**

MS4 permit
20% reduction to 13.6
by March 2008

MS4 permit
40% reduction to 10.2
by March 2013

| | | | | | |
|--------------|--|--|--|---|---|
| 17 tons/year | (17) | | | | |
| 16 tons/year | | | | | |
| 15 tons/year | | | | | |
| 14 tons/year | (14.8) | (14.68) | (14.12) | | |
| 13 tons/year | | | | | |
| 12 tons/year | | | | | |
| 11 tons/year | | | | | |
| 10 tons/year | | | | | (10.2) |
| | June 2009 UW-SP Urban Stormwater Pollution Loading Analysis | Dec 2009 Lot R biofilters sys. combine w/ existing biofilters & disconnects Reduced by 2.2 TSS | 2010 Projects: 0.12 Suites project Chiller Plant Waste Management M & M building | Proposed Lot P & V biofilter system Reduce TSS by .56 46% match to Lot R | Proposed biofilters systems in as few as 4 additional lots J, Q, W & X to meet goal |



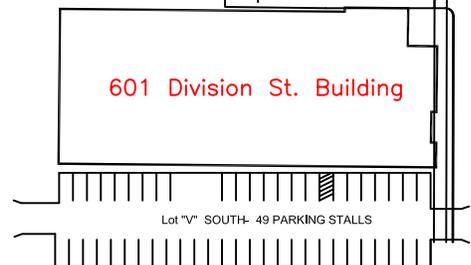
Lot P = 284 stalls = 284 stalls
 Lot V (NORTH) = 91 stalls

sub total = 375 stalls
 (1 stall more than current)

Lot V (SOUTH) = 49 stalls
 (matched current)

total = 424 stalls

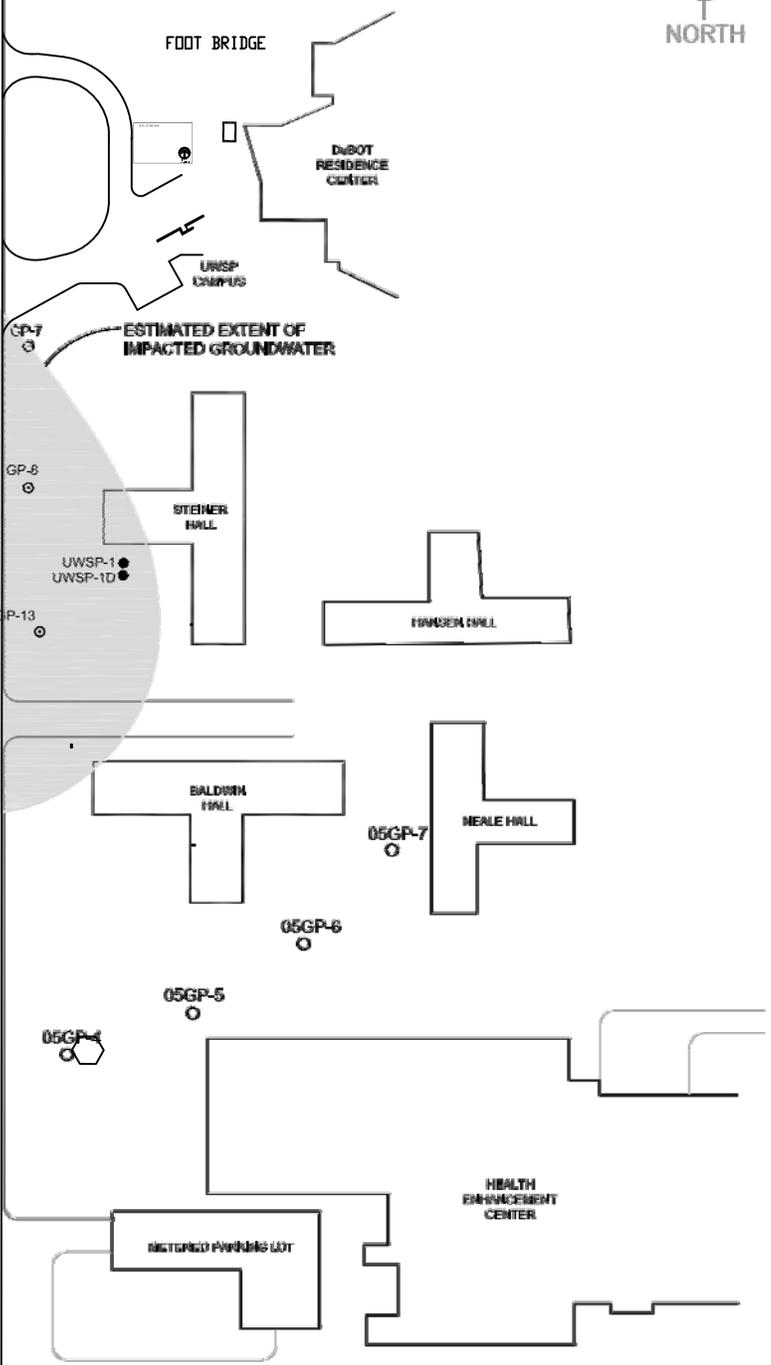
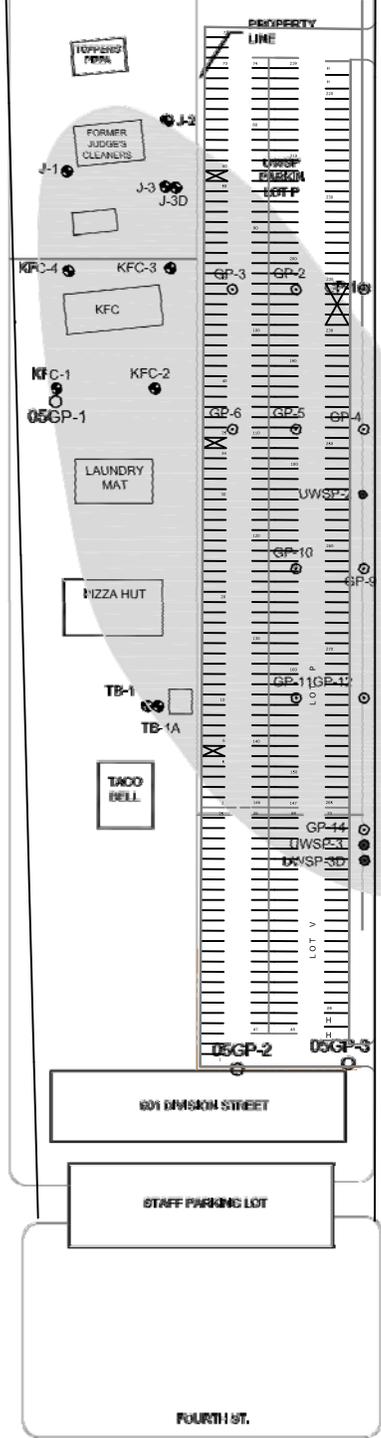
Lot P + V





DIVISION STREET/BUSINESS E1

ISADORE STREET



LEGEND

- J-1 ● EXISTING MONITORING WELL
- GP-1 ○ GEOPROBE LOCATION
- UWSP-1 ● 2004 MONITORING WELLS
- 05GP-1 ○ PROPOSED GEOPROBE LOCATION



SCALE: 1"=140'

**FORMER JUDGE'S LAUNDRY
STEVENS POINT, WISCONSIN**

**FIGURE 2
SUPPLEMENTAL GROUNDWATER EXTENT
INVESTIGATION**

| | | |
|------------------|----------------|----------------|
| DRAWN BY: RF | SCALE: 1"=140' | PROJ. 25086024 |
| CHECKED BY: DHR | DATE: AUG 05 | |
| APPROVED BY: DHR | | |



REGS INVESTIGATION REPORT
MILWAUKEE, WISCONSIN 53206
(414) 951-4100

P:\GED\2686024_JUDGES_CLEANERS\FIG2_SUPPLEMENTAL_GW