

**APPLICATION FOR
URBAN DESIGN COMMISSION
REVIEW AND APPROVAL**

AGENDA ITEM # _____

Project # _____

DATE SUBMITTED: <u>3/8/2016</u>	Action Requested
UDC MEETING DATE: <u>3/17/2016</u>	<input type="checkbox"/> Informational Presentation
	<input type="checkbox"/> Initial Approval and/or Recommendation
	<input checked="" type="checkbox"/> Final Approval and/or Recommendation

PROJECT ADDRESS: 7102 U.S. HIGHWAY 12 #18, MADISON, WI 53718
ALDERMANIC DISTRICT: 16

OWNER/DEVELOPER (Partners and/or Principals) ARCHITECT/DESIGNER/OR AGENT:
DANE COUNTY GRAEF - USA
DEPT OF PUBLIC WORKS
HIGHWAY & TRANSPORTATION

CONTACT PERSON: JOHN KANNALL, P.E.
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MILWAUKEE, WI 53214
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Fax: 414.259.0037
E-mail address: john.kannall@graeff-usa.com

TYPE OF PROJECT:

(See Section A for:)

- ☒ Planned Unit Development (PUD)
 ___ General Development Plan (GDP)
 ___ Specific Implementation Plan (SIP)
___ Planned Community Development (PCD)
 ___ General Development Plan (GDP)
 ___ Specific Implementation Plan (SIP)
___ Planned Residential Development (PRD)
___ New Construction or Exterior Remodeling in an Urban Design District * (A public hearing is required as well as a fee)
___ School, Public Building or Space (Fee may be required)
___ New Construction or Addition to or Remodeling of a Retail, Hotel or Motel Building Exceeding 40,000 Sq. Ft.
___ Planned Commercial Site

(See Section B for:)

- ___ New Construction or Exterior Remodeling in C4 District (Fee required)

(See Section C for:)

- ___ R.P.S.M. Parking Variance (Fee required)

(See Section D for:)

- ___ Comprehensive Design Review* (Fee required)
___ Street Graphics Variance* (Fee required)
___ Other _____

***Public Hearing Required (Submission Deadline 3 Weeks in Advance of Meeting Date)**

Where fees are required (as noted above) they apply with the first submittal for either initial or final approval of a project.

Letter of Intent

Dane County has operated a municipal solid waste landfill at this site, as a service to its residents and to local municipalities, since 1985, with an expansion to its current footprint occurring in 1994. In recent years, Dane County has received 175,000 – 200,000 tons of solid waste annually. Dane County has a plan of operation on file with the WI DNR, and the site complies with all applicable regulations. Dane County has also worked hard to maintain a very good working relationship with the neighbors of this site, while providing an economical and environmentally responsible waste disposal solution as an element of its comprehensive and integrated solid waste management plan.

As part of its plans for continued landfill operation, Dane County is always looking for ways to divert waste and extend the life of the landfill. One of the best methods for accomplishing this is to divert recyclable materials from the waste stream that is disposed of in the landfill hill. Diverting recyclable materials to recycling markets will extend the life of our landfill, increase recycling rates, and reduce our dependence on raw materials for manufacturing. In an effort to divert more material from the landfill hill, Dane County is proposing the construction of new waste transfer station at the current Dane County landfill site, 7102 U.S. Hwy 12 & 18, Madison WI.

The waste transfer station will be used to separate recyclable materials, especially Construction and Demolition waste, from the waste stream. This separation will take place on the tipping floor slab, which is the main floor space within the waste transfer station and where waste haulers will dump their loads. Wastes will then be loaded onto semi trailers one of two ways. Waste will either be 1) top loaded into open-top semi trailers parked below the tipping floor slab; or 2) pushed into holes at the south end of the tipping floor slab. The holes on the south end of the building lead to compactors below, where the waste will be compacted before being end-loaded onto semi trailers. The semi trailers will then haul the wastes to appropriate final locations. This building is being designed to eventually handle 1800 tons of waste per day. The building would use renewable heat from the electrical generation engines on site to heat the tipping floor slab.

In addition to the waste transfer station, Dane County is also proposing to construct a household hazardous waste drop off site to house the Clean Sweep program year-round. The Clean Sweep program provides a place for residents to safely dispose of hazardous household materials, such as fertilizer, chemicals, mercury, paint, batteries, etc. Currently, Clean Sweep is only open during the summer months, but this new building will allow Clean Sweep to remain open to County residents year-round. The Clean Sweep building would obtain all of its heat from the electrical generation engines on site, a renewable energy source.

As shown on the attached plans, the construction of these facilities includes construction of drive paths and parking areas. A stormwater control plan will be developed for this site, and it will coordinate future runoff with the existing storm waterplan on file with the DNR.

Because the transfer station will be handling waste that would have already been coming to this site, the only anticipated increase in traffic for the transfer station is the relatively small number of semi trailers leaving the facility. The largest traffic increase will be due to residents using the Clean Sweep facility, which will result in an estimated increase of less than 50 vehicle trips per day during its busiest period.

DANE COUNTY WASTE TRANSFER STATION
AND
HOUSEHOLD HAZARDOUS WASTE FACILITY
RODEFELD LANDFILL
7102 US HIGHWAY 12 & 18 MADISON, WISCONSIN



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125 South 84th Street, Suite 401
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DRAWING LIST

- T 100 TITLE SHEET
- C200 DEMOLITION AND EROSION CONTROL
- C300 SITE PLAN
- C400 GRADING PLAN
- A300 BUILDING ELEVATIONS
- A301 BUILDING ELEVATIONS
- E001 SITE ELECTRICAL PLAN
- E002 SITE PHOTOMETRIC PLAN

SUBMITTALS

URBAN DESIGN COMMISSION REVIEW	03-17-2010
URBAN DESIGN COMMISSION REVIEW	02-08-2010
URBAN DESIGN COMMISSION REVIEW	01-12-2010

CONSULTANTS:

PROJECT TITLE:

DANE COUNTY
WASTE TRANSFER STATION
AND HOUSEHOLD HAZARDOUS
WASTE FACILITY
RODEFELD LANDFILL

ISSUE:

PROJECT INFORMATION:

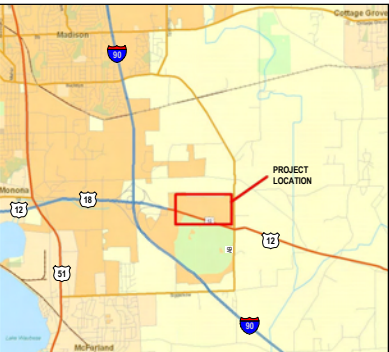
PROJECT NUMBER:	2009-0328.00
DATE:	03-17-2010
DRAWN BY:	Author
CHECKED BY:	Checker
APPROVED BY:	Approver
SCALE:	AS NOTED

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T100

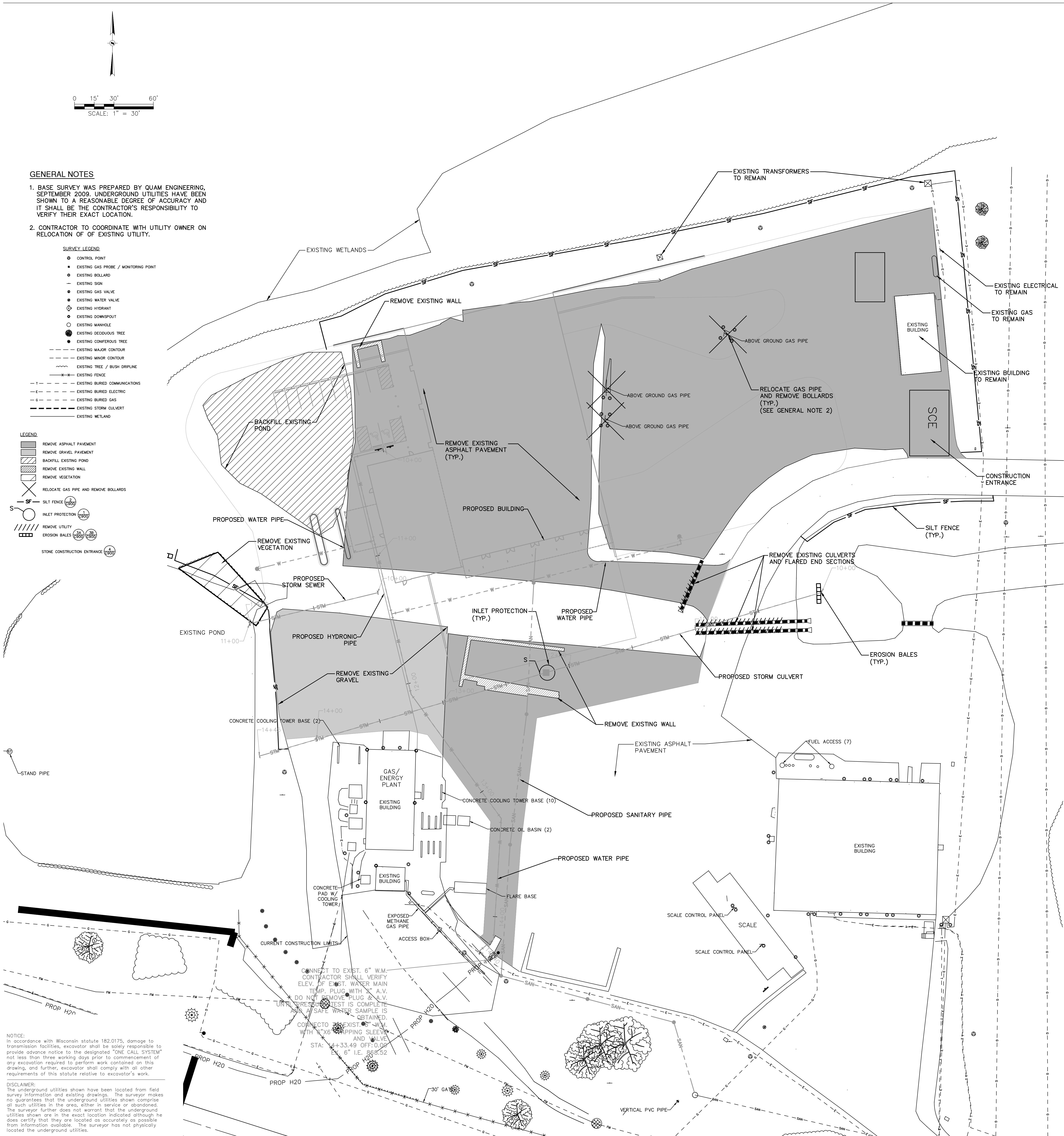


LOCATION MAP



EROSION CONTROL NOTES

1. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF DANE COUNTY AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
2. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON SITE.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
4. SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. SEDIMENT DEPOSITS WILL BE REMOVED FORM BEHIND THE SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
5. FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT AS PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
6. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
7. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
8. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES. NOTIFY DANE COUNTY OF ANY NEW STOCKPILE LOCATIONS.
9. CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
 2. INSTALL SILT FENCE AND EROSION BALES
 3. REMOVE EXISTING UTILITIES NOTED FOR REMOVAL.
 4. STRIP TOPSOIL AND STOCK PILE.
 5. PERFORM ROUGH GRADING.
 6. INSTALL UTILITIES.
 7. INSTALL INLET PROTECTION ON PROPOSED UTILITIES.
 8. INSTALL PAVEMENT, SITE WALLS, AND BUILDINGS.
 9. INSTALL LANDSCAPING ON COMPLETED SITE WITHIN 7 DAYS OF COMPLETING CONSTRUCTION.
 10. REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
10. SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED BY THE WDNR TECHNICAL STANDARDS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
11. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNSUED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
12. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING, TO THE SATISFACTION OF THE COUNTY BEFORE THE END OF EACH WORKDAY. FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR OTHER APPROPRIATE BEST STANDARDS. NOTIFY DANE COUNTY FOR CHANGES IN STABILIZED CONSTRUCTION ENTRANCE LOCATION.
13. SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE WORK DAY.
14. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING, TEMPORARY OR PERMANENT SEEDING AND MULCHING, SODDING, COVERING WITH TARPS, OR EQUIVALENT BEST MANAGEMENT PRACTICES. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION. SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
15. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILES. IF REMAINING FOR MORE THAN THIRTY DAYS, PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS OR OTHER MEANS.
16. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS. TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS SHALL BE REMOVED.
17. NOTIFY THE COUNTY WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
18. NOTIFY THE COUNTY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION.
19. OBTAIN PERMISSION IN WRITING FROM DANE COUNTY ENGINEERING DEPARTMENT PRIOR TO MODIFYING THE EROSION CONTROL PLAN.
20. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGEWAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
21. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE.

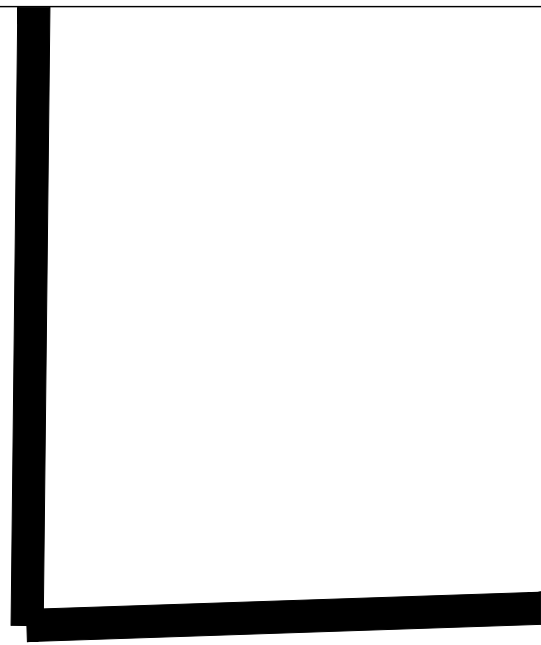


NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

NOT FOR CONSTRUCTION





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CONSULTANTS:

DANE COUNTY
WASTE TRANSFER STATION
AND HOUSEHOLD HAZARDOUS
WASTE FACILITY
RODEFELD LANDFILL

			ISSUE
NO.	DATE	REVISIONS	BY

PROJECT INFORMATION:

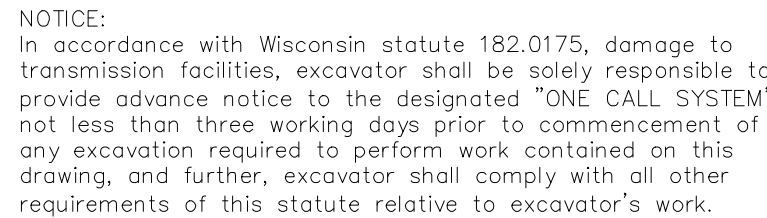
GRADING PLAN

C400

1. BASE SURVEY WAS PREPARED BY QUAM ENGINEERING, SEPTEMBER 2009. UNDERGROUND UTILITIES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION.

LEGEND

- ① CONTROL POINT
- ✱ EXISTING GAS PROBE / MONITORING POINT
- EXISTING BOLLARD
- EXISTING SIGN
- ✱ EXISTING GAS VALVE
- EXISTING WATER VALVE
- ⊙ EXISTING HYDRANT
- EXISTING DOWNSPOUT
- ⊙ EXISTING MANHOLE
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EXISTING VALVE CONTROLLER
- EXISTING WATER CONTROLLER
- EXISTING TREE / BUSH OR DROPLINE
- EXISTING FENCE
- EXISTING BURRED COMMUNICATIONS
- EXISTING BURRED ELECTRIC
- EXISTING BURRED GAS
- EXISTING STORM CULVERT
- EXISTING WETLAND



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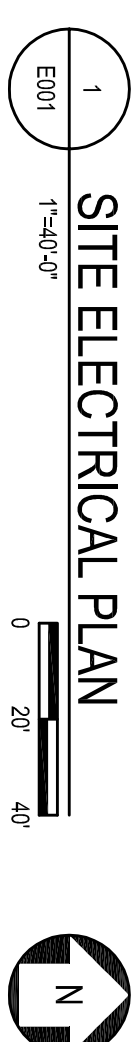
CONSULTANTS

ISSUE

FOE

LIGHTING FIXTURE SCHEDULE NOTES:

1. EC SHALL PROVIDE 22'-0", 4-INCH SQUARE STEEL POLE.
2. EC SHALL PROVIDE CONCRETE BASES. SEE DETAIL 3/E100.



SHEET NOTES:

PROJECT NUMBER: 2009-0328.01

DATE: 01-12-2010

DRAWN BY: TKA

APPROVED BY: JHK

SCALE: AS NOTED

SITE ELECTRICAL PLAN, LIGHTING

SHEET NUMBER

