



ELEC WR **WK 3506879**

GAS WR

CITY / TOWN / VILLAGE: C/WAUKESHA

CUST/PROJ NAME: MEADOW RIDGE

PROJECT LOCATION: 1821 MEADOW LN

WORK DESCRIPTION: LINE EXTENSION FOR 3 NEW BLDGS

PREPARED BY: RICH HEGY

E-MAIL:

OFFICE #: 262-574-3028 CELL #: 414-588-5887

PAGER #: _____ IO #: 9891

PROJECT ID: _____ CGS #: 117930

DATE PREPARED: 8/16/2013 DATE REVISED: 12/27/2013

COMMON INFORMATION

STAKING REQUIREMENTS:

SURVEYOR STAKED
 DESIGNER NOT NEEDED

MAIN / SERVICE IN EASEMENT:

YES NO

RESTORE PRIVATE PROPERTY: WE ENERGIES CUSTOMER

WORK IS APPROX 580 FT. DIRECTION W OF CL OF
N GRANDVIEW BLVD NEAREST CROSS STREET
(ALSO FOR GAS SERVICE TEE)

ELECTRIC INFORMATION

OPER MAP #: .3960-7652-02 FEEDER/LINE #: Z7063

CATV JOINT USE #: NONE TEL JOINT USE #: 9319138

PROPOSED GAS SERVICE INFORMATION

MTR SIZE: _____ MTR TYPE: _____ EFV
SERV PIPE SIZE: _____ MATERIAL: _____ RELIGHT
MTR LOC: _____ FT. OF _____ CORNER CURB VLV
CONSTRUCTION TYPE: _____ TIE IN PIPING

JOB INFO:

SECTION / TOWN / RANGE: NW1/4 SEC 28, T7N, R19E

SITE VISIT COMPLETED BY: RICH HEGY

JOB OWNER: JOAN LANG - 262-574-3062

CELL: 414-640-4550

MAIN CONTACTS

CONTRACTOR/BUILDER: STEVE SAUCKE @MSP CONSTRUCTION: 608-843-6777

PLUMBER/ HVAC:

ELECTRICIAN:

CUSTOMER: JACOB KLEIN - 452-351-4544

CONTINGENCIES & COMMENTS:

DIGGERS HOTLINE IS REQUIRED.

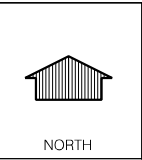
WE ENERGIES WILL NOT RESTORE, EXCEPT ON NEIGHBOR'S & CITY PROPERTY.

WE ENERGIES WILL NOT HAUL SPOIL.

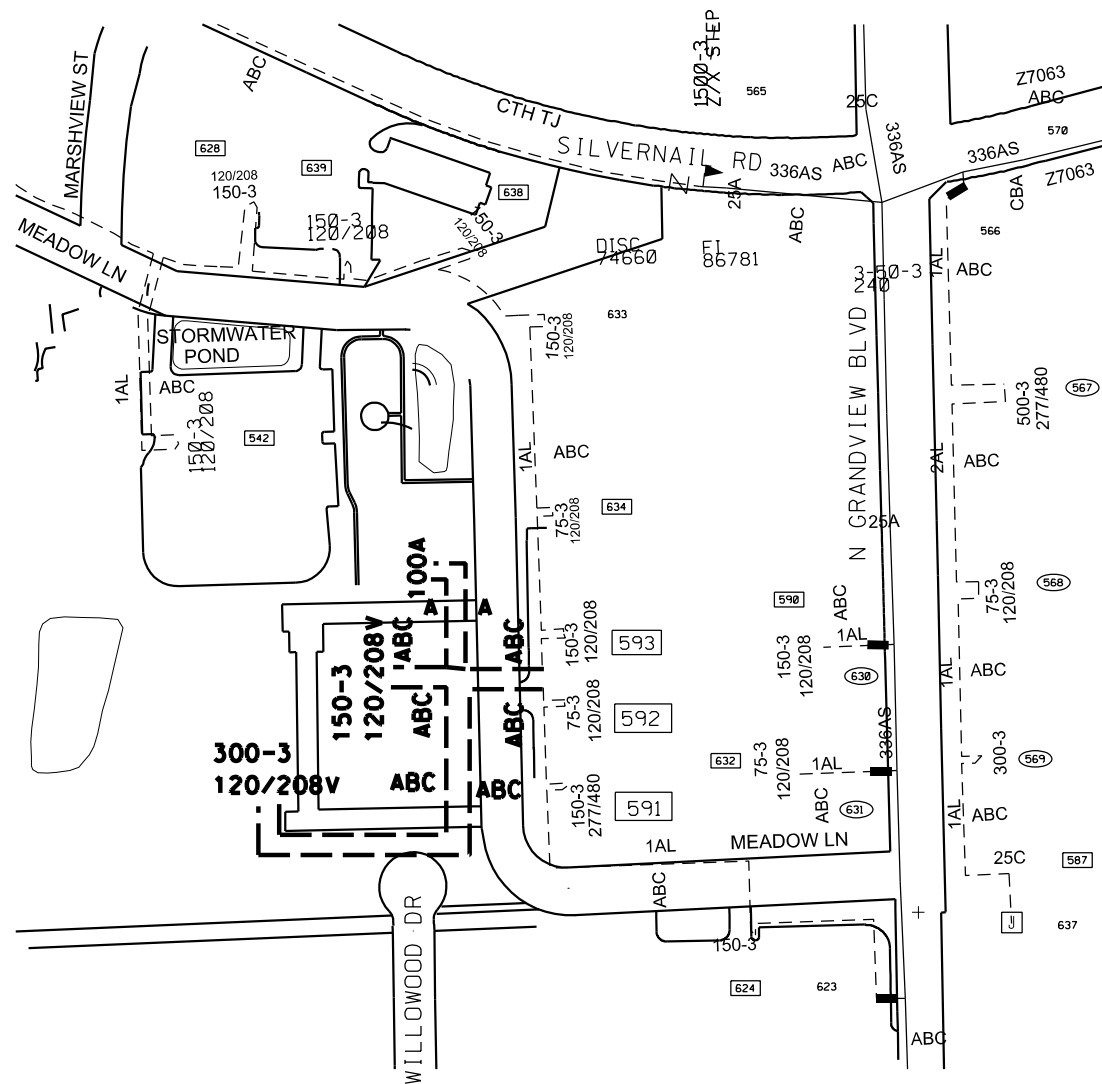
CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION.

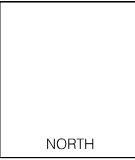
WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE

CUSTOMER'S SIGNATURE OF APPROVAL DATE



CIRCUIT DIAGRAM - Z7063
NOT FIELD VERIFIED





WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES

Notes #1 - #6 apply to ALL work requests:

- General**
- If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.
- Erosion Control & Dewatering**
- If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMPs) shall be implemented.
 - Erosion control BMPs shall meet or exceed the approved WDNR Storm Water Management Technical Standards (<http://dnr.wi.gov/runoff/stormwater/techstds.htm>). Refer to We Energies' Construction Site Sediment and Erosion Control Standards.
 - Inspect installed erosion control BMPs at least one time per week and after 1/2-inch rain events; repair as necessary.

- Contaminated Soils**
- Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

- Spills**
- If an oil spill occurs on during construction, call the Environmental Incident Response Team (EIRT) at (262) 544- 7500 pager # 0850 if:
 - Any quantity of oil is spilled into surface water;
 - Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
 - Any oil spill containing greater than 500 ppm PCB;
 - Five gallons or more of oil spilled to the ground;
 - Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes #7 - #26 apply as noted at specific points within each work request:

- Dewatering**
- Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

- Wetlands**
- As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
 - All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
 - If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
 - Excavated soils cannot be stockpiled in wetlands.
 - All excess spoils shall be removed from wetlands and placed in a suitable upland location.
 - Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.

- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

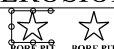


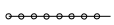
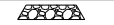





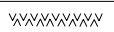
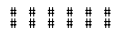
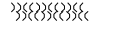
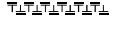



- Waterways**
- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
 - No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
 - Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

- Threatened and Endangered Species**
- Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
 - In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
 - Exclusion fencing must be installed at the work area prior to March 15.
 - A qualified biologist must be present when conducting work at this location.

- Invasive Species**
- State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Rights-of Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

- Cultural and Historical Resources, cont.**
- The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
 - If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
 - A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

- Frac-out Contingency Plan**
- A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
 - Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
 - Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
 - A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.

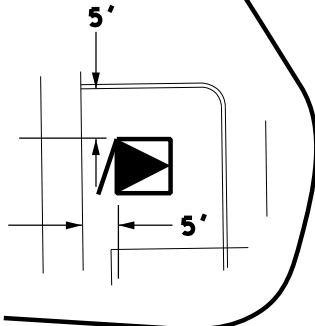
| EROSION CONTROL LEGEND | |
|---|--|
|  | APPROXIMATE BORE PIT LOCATION (WITH AND WITHOUT PERIMETER CONTROL) |
|  | INLET PROTECTION, TYPE |
|  | HAY OR STRAW BALES |
|  | SILT FENCE |
|  | STONE DITCH CHECK |
|  | MANUFACTURED DITCH CHECK |
|  | TRACKING PAD |
|  | TIMBER MAT |
|  | SAND or ROCK BAG CULVERT PIPE DITCH CHECKS |
|  | SURFACE WATER FLOW |
|  | SOIL STABILIZER, TYPE B |
|  | EROSION MAT CLASS I (SEE SEEDING NOTE) |
|  | EROSION MAT CLASS II (SEE SEEDING NOTE) |
|  | EROSION MAT CLASS III (SEE SEEDING NOTE) |
|  | MULCH (SEE SEEDING NOTE) |
|  | SOD |
|  | VEGETATIVE BUFFER |

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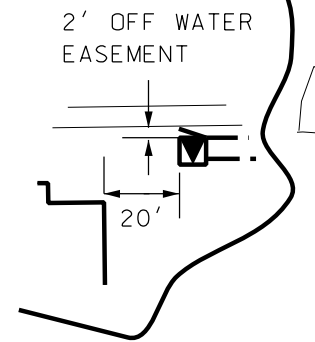
SPAN 100 TO 110 = 174'
 SPAN 150 TO 160 = 261'
 SPAN 170 TO 172 = 253'
 SPAN 172 TO 170 = 263'

WIRE KEY:
 Z13 - 1 #1 AL 25KV
 Z14 - 3 #1 AL 25KV
 T - AT&T CABLE
 & 1.25" INNER DUCT

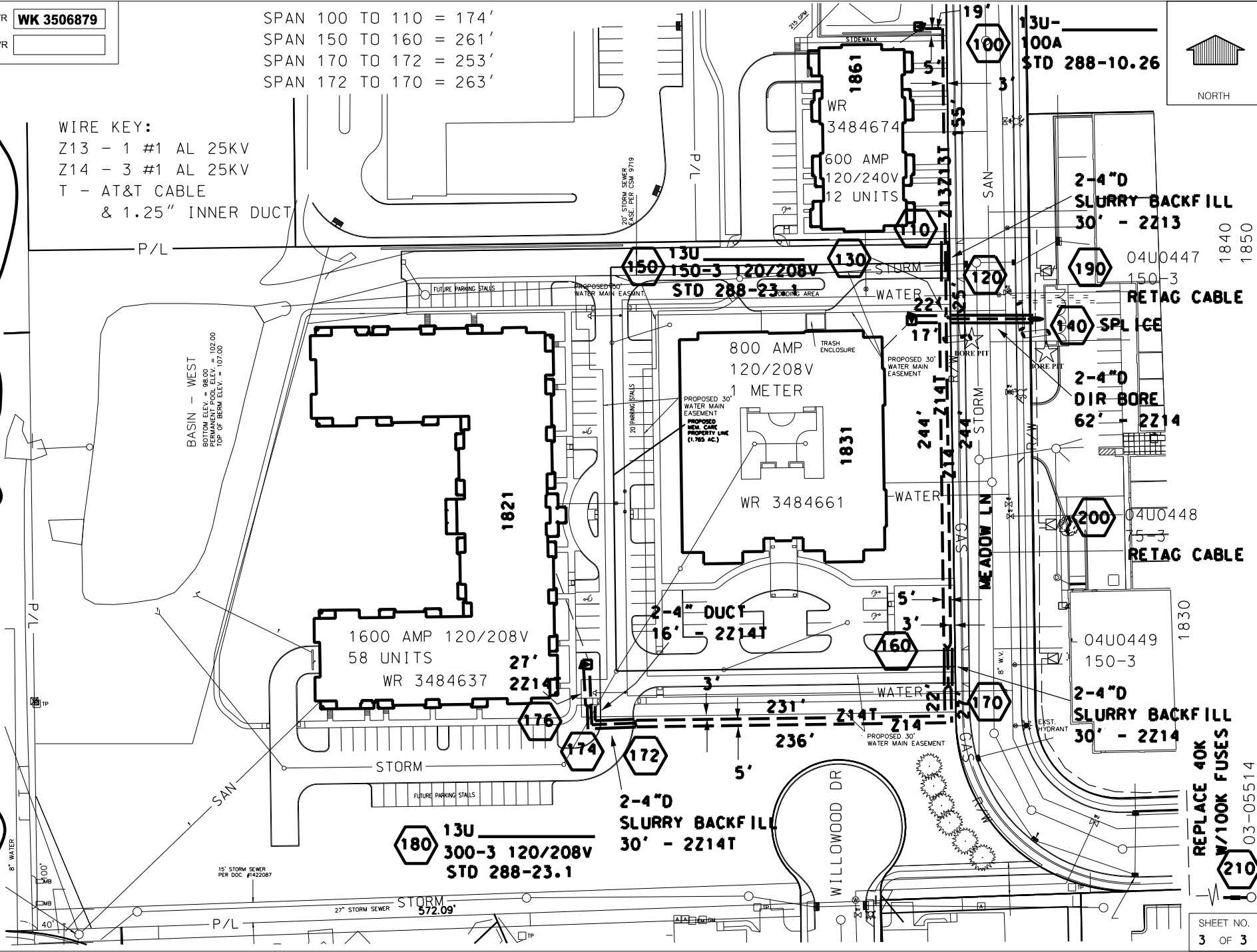
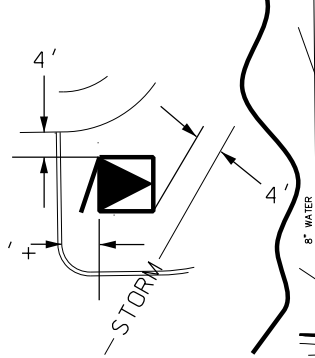
180 DETAIL



150 DETAIL



180 DETAIL



**REPLACE 40K
 W/100K FUSES**