



GAS WORK REQUEST

4376124

CITY: MERTON

CUST/PROJ NAME: STONE RIDGE PHASE 1

PROJECT LOCATION: RYBECK RD & WINKLEMAN RD

PREPARED BY: DOUG LAURENT

E-MAIL: DOUG.LAURENT@WECENERGYGROUP.COM

OFFICE #: CELL #: 262-719-7918

PROJECT ID: DE4376124 IO #: MES13207005

CGS #:

TYPE OF WORK:

- RESIDENTIAL SUBDIVISION, CONDO DEVELOPMENT, COMMERCIAL DEVELOPMENT, SERVICE, OTHER

STAKING REQUIREMENTS:

- SURVEYOR, STAKED, DESIGNER, NOT NEEDED

MAIN / SERVICE IN EASEMENT:

- YES, NO, ROW WR#

RESTORE PRIVATE PROPERTY: WE ENERGIES, CUSTOMER

CORROSION CONTACT: DAN WENDL

PHONE #: 262-574-3154

MAIN SIZE, MAT'L, FT INSTALL METHOD & FOOTAGE

2" PE 635' OPEN CUT 565', BORE 70'

RELATED WR's

MAIN RETIREMENT WR FOOTAGE

SERVICE REPLACEMENT WR NO.

SERVICE RECONNECT WR NO.

EROSION CONTROL NOTES

- IF DISTURBANCE OCCURS IN SUMMER, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED. IF DISTURBANCE OCCURS IN WINTER, TEMPORARY STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. FINAL STABILIZATION IS REQUIRED IN SPRING. IF DISTURBANCE OCCURS WITHIN THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. IF DISTURBANCE OCCURS OUTSIDE THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED. IF DISTURBANCE OCCURS IN AGRICULTURAL FIELDS, SOIL SEGREGATION WILL NEED TO TAKE PLACE TO RETURN FIELDS TO PRE-CONSTRUCTION SOIL STRATIFICATION AND TO PRE-CONSTRUCTION ELEVATIONS. DEPENDING ON THE TIME OF YEAR AND WEATHER CONDITIONS, CONSIDER USING PLATES/MATS IN WETLANDS OR CROSSING DITCHES. STOCKPILE MATERIALS SHALL BE PLACED UPSLOPE FROM EXCAVATION. IF STOCKPILE MATERIALS MUST BE PLACED DOWNSLOPE OF EXCAVATION, PROTECT STOCKPILES WITH 12" WATTLES. PROJECT SPECIFIC EROSION CONTROL NOTES:

DEVELOPER: COMPANY NAME TRI-QUIST INC ADDRESS 546 E COUNTRY CLUB TRAIL CITY, STATE SCOTTSDALE, AZ 85255 CONTACT NAME ALBIN HALQUIST PHONE 602-369-8266 EMAIL achiii@me.com

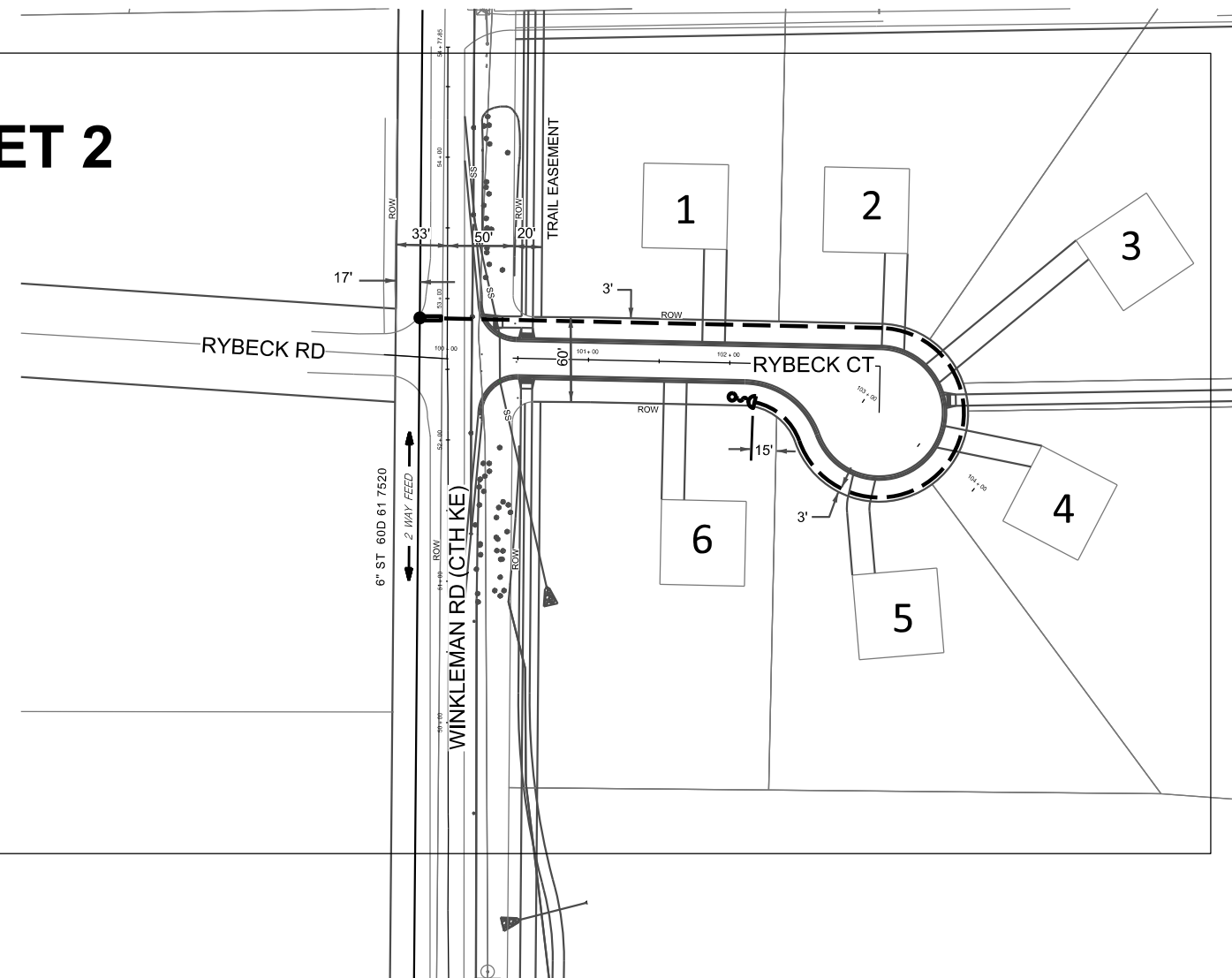
ENGINEER: COMPANY NAME SEH ADDRESS 501 MAPLE AVE CITY, STATE DELAFIELD, WI 53018 CONTACT NAME KEITH KINDRED PHONE 414-949-8919 EMAIL kkindred@sehinc.com

NOTES:

- WE ENERGIES WILL NOT RESTORE OR HAUL SPOIL UNLESS OTHERWISE NOTED ON SKETCH
CUSTOMER/DEVELOPER IS RESPONSIBLE FOR LOCATING ANY/ALL PRIVATE UNDERGROUND FACILITIES AND/OR OBSTRUCTIONS INCLUDING THOSE THAT HAVE NOT YET BEEN TURNED OVER TO THE MUNICIPALITY
WE ENERGIES AND/OR ITS CONTRACTORS ARE NOT RESPONSIBLE FOR DAMAGE TO UNMARKED FACILITIES
CUSTOMER/DEVELOPER AND THEIR CONTRACTORS/SUB-CONTRACTORS MUST KEEP WE ENERGIES EASEMENT AREAS FREE AND CLEAR OF OBSTRUCTIONS AND ENSURE ACCESS TO EASEMENT AREAS IS PROVIDED INCLUDING, BUT NOT LIMITED TO: DUMPSTERS, SPOIL, BACKFILL MATERIAL, ETC.
CUSTOMER/DEVELOPER AND THEIR CONTRACTORS/SUB-CONTRACTORS MUST ENSURE THAT GRADE AT TIME OF WE ENERGIES INSTALLATION IS WITHIN 4" OF FINAL GRADE INCLUDING ANY PLANS FOR FUTURE LANDSCAPING
ANY FIELD ADJUSTMENTS TO SIGNED/APPROVED SKETCH MAY RESULT IN ADDITIONAL COSTS INCURRED BY THE DEVELOPER
WE ENERGIES IS NOT RESPONSIBLE FOR DAMAGE TO TREES AND/OR ROOTS LOCATED ALONG TRENCH ROUTE
WE ENERGIES AND/OR ITS CONTRACTORS WILL CLEAN ANY MUD/DEBRIS THAT IS TRACKED ONTO EXISTING ROADS AS A RESULT OF THEIR CONSTRUCTION DAILY
ANY ADDITIONAL SPECIAL NOTES OR PROVISIONS

CUSTOMER'S SIGNATURE OF APPROVAL DATE

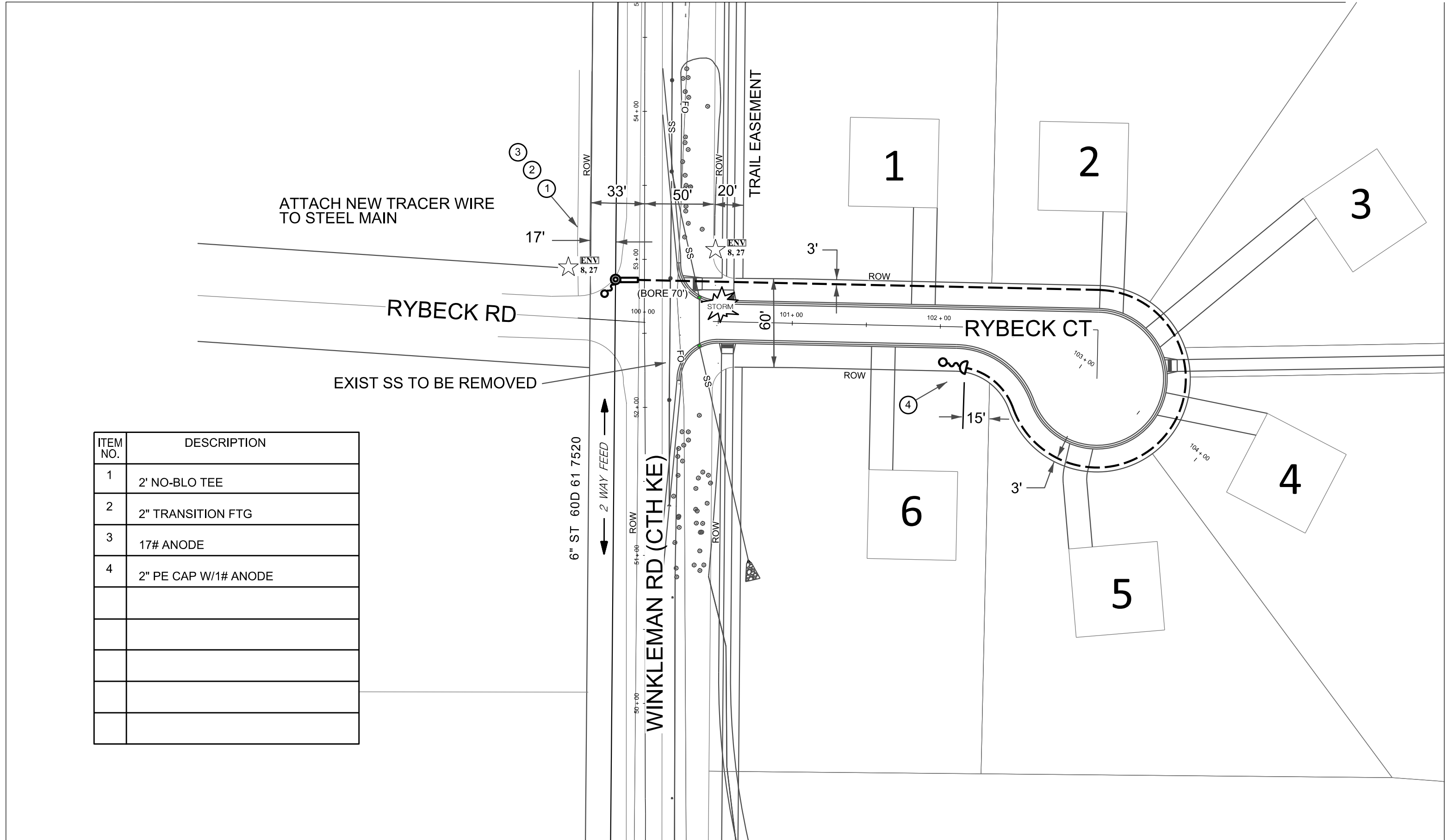
SHEET 2



WR 4376124

Table with 4 columns: REV., DESCRIPTION, BY, DATE. Row 0: DESIGN APPROVED FOR CONSTRUCTION, DJL, 11/1/19

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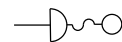

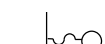






ITEM NO.	DESCRIPTION
1	2' NO-BLO TEE
2	2" TRANSITION FTG
3	17# ANODE
4	2" PE CAP W/1# ANODE




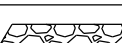
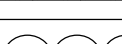

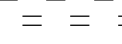

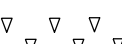
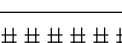
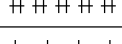
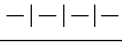

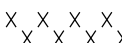
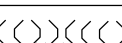
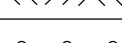
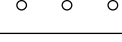
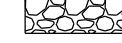

WE ENERGIES - GAS OPERATIONS

NOTES:
 Existing facilities should be field verified prior to excavation.
 Utility information shown are from plans and have not been field verified.
 Maintain 12" min vertical clearance at crossing of existing electrical facilities.
 Maintain 6" min vertical clearance at crossing of other existing facilities.
 Maintain 18" min vertical clearance at crossing of existing storm sewer pipes.
 Maintain 5' clearance from storm sewer inlets.
 Staking of route or ROW by surveyor required prior to construction.
 Clearances shown are min distances – reference permit for specific clearance requirements.
 Additional information on excavation, backfilling & clearances can be found in the Gas CRS 201.
 Restore all pavement, ROW, sidewalks, and customer's private property.

CONVENTIONAL SYMBOLS

-  END OF MAIN CAPPED WITH AN ANODE ATTACHED TO THE TRACER WIRE – 2' x 4' EXCAVATION.
-  VALVE IN AN 8" DIAMETER METALLIC BOX SET TO GRADE
-  17# ANODE ATTACHED TO THE MAIN IN THE SAME TRENCH
-  GAS MAIN CUT OFF AND CAPPED 4' x 5' EXCAVATION
-  (MC) METER CHANGE
-  (T&R) TEST & RECONNECT SERVICE
-  (RPL) REPLACE SERVICE

EROSION CONTROL LEGEND

	APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
	INLET PROTECTION, TYPE A/B/C/D
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	SAND or ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	TEMPORARY SEDIMENT BASIN
	SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

2. 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 (BMP's) shall be implemented.
3. Erosion Control BMR's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
4. Inspect installed erosion control BMP's at least one time per week and after 1/2" rain events: repair as necessary.
5. When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

6. 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

7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
 - a. Any quantity of oil is spilled into surface water;
 - b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
 - c. Any oil spill containing greater than 500 ppm PCB;
 - d. Five gallons or more of oil spilled to the ground;
 - e. Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

8. 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

9. 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.
10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
11. 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.
12. Excavated soils cannot be stockpiled in wetlands.

Waterways

13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.
16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
18. 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

19. 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.
20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
21. Exclusion fencing must be installed at the work area prior to March 15.
22. A qualified biologist must be present when conducting work at this location.

Invasive Species

23. 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.

24. 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.
25. 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.
26. 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

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

