

EXHIBIT B

EASEMENTS LIST--MILWAUKEE COUNTY PARKS --MAY 2016

Park or Parkway	Municipality	Purpose
Currie Park	Wauwatosa	New underground electric service to the parking lot and clubhouse. Parks capital project WP332.
Jackson Park	Milwaukee	New underground electric service installation to Boathouse, Bathhouse, and Pool. Parks capital project WP311.
Kohl Park	Milwaukee	Underground electric service relocation.
Lake Park	Milwaukee	New underground electric service to Lake Park tennis courts. Parks capital project WP465.
Menomonee River Parkway (Ridge)	Wauwatosa	Parkway Lighting, service located west of Ridge Blvd. Parks capital project WP280.
Mitchell Park Domes	Milwaukee	New underground electric service to the Domes service yard and main facility. Parks capital project WP383.
Sheridan Park	Cudahy	New underground electric service to the pavilion. Park Trades project.

Document Number

**DISTRIBUTION EASEMENT
UNDERGROUND**

WR Number: xxxxxxxx

IO Number: xxxx

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **MILWAUKEE COUNTY, a Municipal body corporate**, hereinafter referred to as "Grantor", owner of land, hereby grants and warrants to **WISCONSIN ELECTRIC POWER COMPANY, a Wisconsin corporation doing business as We Energies**, hereinafter referred to as "Grantee", a permanent easement upon, within and beneath a part of Grantor's land hereinafter referred to as "easement area".

The easement area is described as strips of land, fifteen (15) feet in width, being a part of Grantor's premises known as _____ Park, located in the _____ ¼ of Section _____, Township _____ North, Range _____ East, City of _____, Milwaukee County, Wisconsin.

The location of the easement area with respect to Grantor's land is as shown on the attached drawing, marked Exhibit "A", and made a part of this document.

RETURN TO:
We Energies
PROPERTY RIGHTS & INFORMATION GROUP
231 W. MICHIGAN STREET, ROOM A252
PO BOX 2046
MILWAUKEE, WI 53201-2046

1. Purpose:

(a) The purpose of this easement is to install, operate, maintain, repair, replace and extend underground utility facilities, conduit and cables, electric pad-mounted transformers, manhole, electric pad-mounted switch-fuse units, electric pad-mounted vacuum fault interrupter, concrete slabs, power pedestals, riser equipment, terminals and markers, together with all necessary and appurtenant equipment under and above ground as deemed necessary by Grantee, all to transmit electric energy, signals, television and telecommunication services, including the customary growth and replacement thereof. Trees, bushes, branches and roots may be trimmed or removed so as not to interfere with Grantee's use of the easement area.

xxx-xxxx-xxx
(Parcel Identification Number)

(b) Grantor and Grantee understand, acknowledge and agree that this easement is non-exclusive and that Grantor will continue to use the easement area and shall have the right to make other agreements, such as leases, licenses, and easement with one or more utilities or other entities provided that any such subsequent agreements shall not interfere with Grantee's rights under this easement. Facilities and equipment other than that which is defined in this easement shall be installed only upon amendment of this easement or negotiation of an additional easement.

2. Access: Grantee or its agents shall have the right to enter and use Grantor's land with full right of ingress and egress over and across the easement area and adjacent lands of Grantor for the purpose of exercising its rights in the easement area, subject, however, to pertinent Milwaukee County ordinances and applicable rules and regulations relating to the operation, maintenance, and control of such premises. Grantor shall waive any fees for any necessary permits required by Grantor for Grantee's access.

3. Buildings or Other Structures: Grantor agrees that no structures will be erected in the easement area or in such close proximity to the electric facilities as to create a violation of the Wisconsin State Electrical Code or any amendments to it.

4. Elevation: Grantor agrees that the elevation of the ground surface existing as of the date of the initial installation of Grantee's facilities within the easement area will not be altered by more than 4 inches without the written consent of Grantee, request for which shall be promptly considered by Grantee and not unreasonably withheld.

5. Restoration: Grantee agrees to restore or cause to have restored Grantor's land, as nearly as is reasonably possible, to the condition existing prior to such entry by Grantee or its agents. This restoration, however, does not apply to the initial installation of said facilities or any trees, bushes, branches or roots which may interfere with Grantee's use of the easement area. Grantee shall exercise reasonable care and attempt to save and preserve any existing landscaping in the easement area, including, without limitation, the trees and bushes located thereon.

C/T/V: CITY OF WAUWATOSA
 CUST/PROJ NAME: MILWAUKEE COUNTY PARKS
 PROJ LOCATION: 3535 N MAYFAIR RD

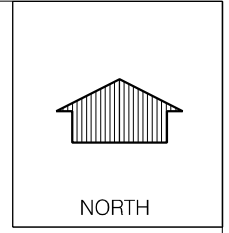
WORK DESCRIPTION:
 EXTEND PRIMARY TO NEW XFMR
 FOR 3Ø 600A 120/208V DB SERVICE

PREPARED BY: JOE CHIESA
 EMAIL: joe.chiesa@we-energies.com
 OFFICE #: (414)449-3008 CELL: (414)550-1726
 I/O#: 5438

DATE PREPARED: 10/14/15
 DATE REVISED:

COMMON INFORMATION	
STAKING REQUIREMENTS: STAKED BY DESIGNER	MAIN / SERVICE IN EASEMENT: YES
ALL WORK DONE IN CURRIE PARK G.C. 800' N OF C/L OF W KEEFE AVE	
ELECTRIC INFORMATION	
OPER MAP #: 4140-7700-02	FEEDER/LINE #: X8652 ABC

WIRE KEY
 \$8 350QXR
 X3 3 #2AL



FEEDER SKETCH X8652 NOT FIELD VERIFIED

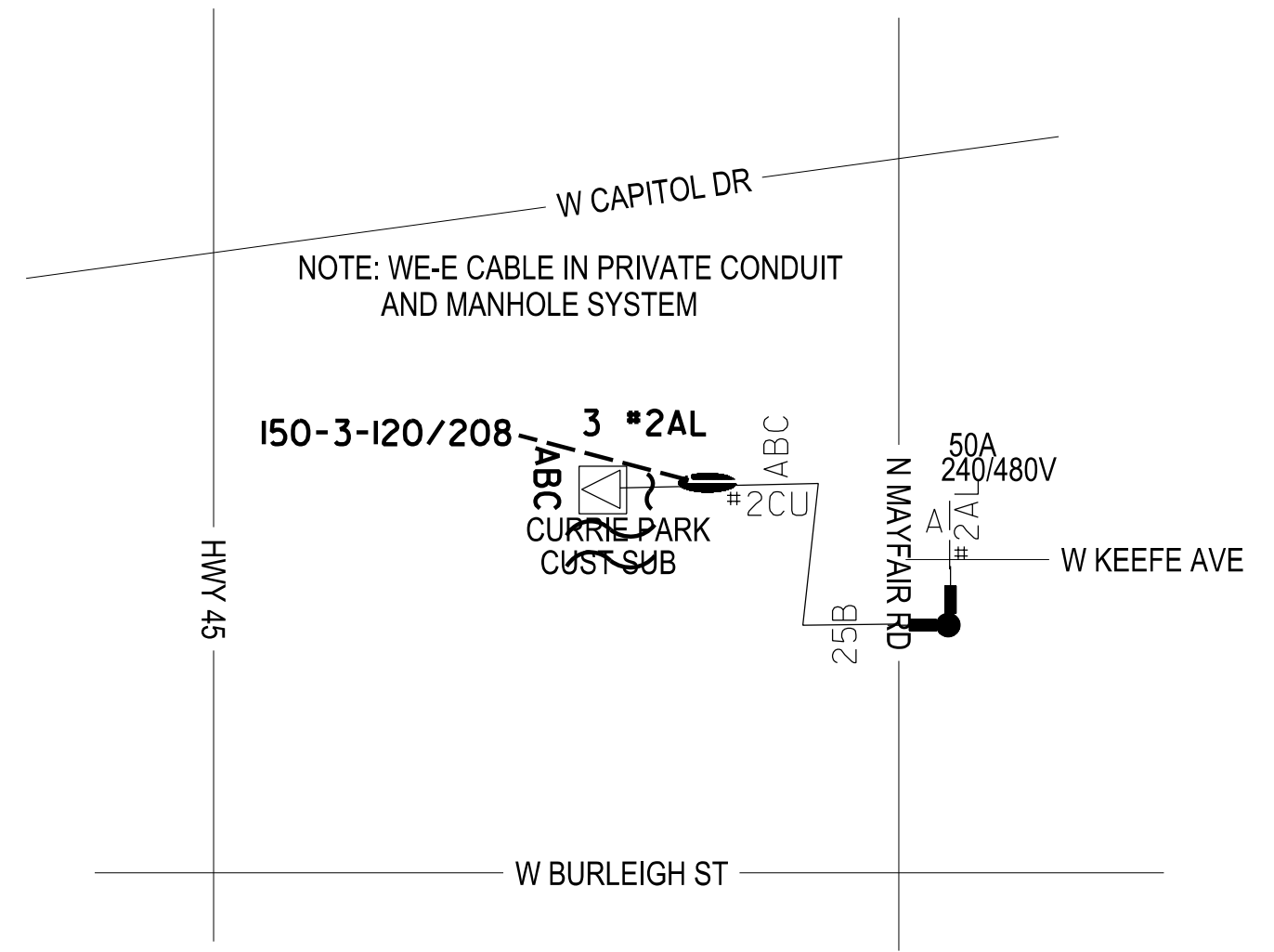
SECTION / TOWN / RANGE: NE1/4 SEC07, T07N, R21E
 SITE VISIT COMPLETED BY: JOE CHIESA
 JOB OWNER: NICHOLAS WELCH (414)449-3018

CONTINGENCIES & COMMENTS:

- DIGGERS HOTLINE / MISS DIG REQUIRED.
- WE ENERGIES WILL RESTORE.
- WE ENERGIES WILL NOT HAUL SPOIL.

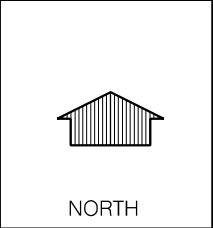
CUSTOMER IS REQUIRED TO LOCATE ALL
 PRIVATE UNDERGROUND FACILITIES PRIOR
 TO INSTALLATION

WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE



 CUSTOMER'S SIGNATURE OF APPROVAL DATE

U:\Data\@Work Management\Milwaukee\Mnsc\@MNSC\3820000 - 3839999\3837933\3837933 SKETCH.dgn 3:33:26 PM 10/15/2015



20' 2\$8
DIR BORE

40

15U-----
150-3-120/208
STD 288-27.1

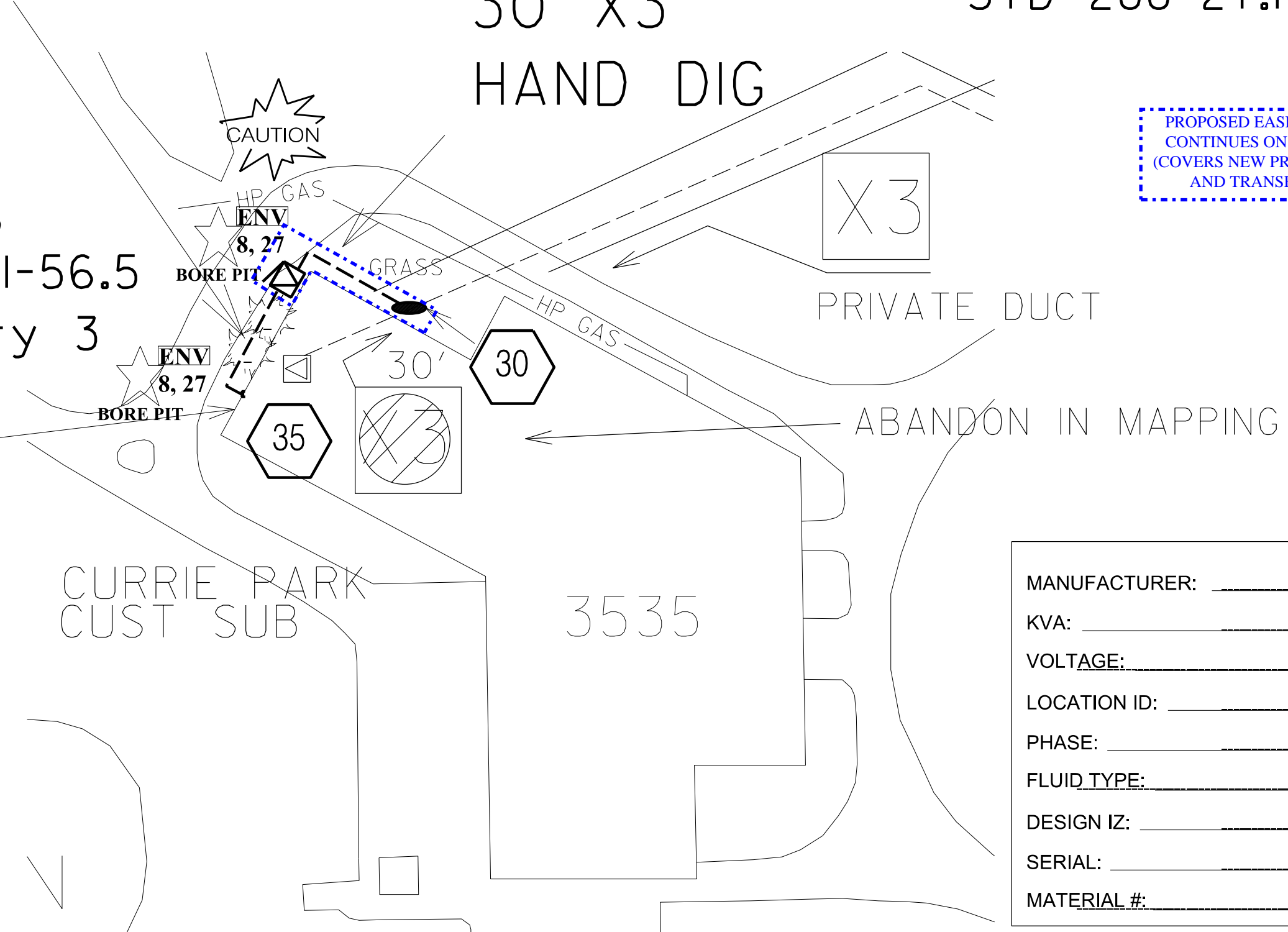
30' X3
HAND DIG

PROPOSED EASEMENT AREA
CONTINUES ON NEXT SHEET
(COVERS NEW PRIMARY CABLE
AND TRANSFORMERS)

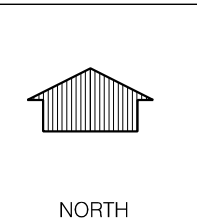
50

TERMINATION
TRANSOCKET
METERING

600A 120/208
Qty 1 STD 60I-56.5
CTs 400:5 Qty 3



MANUFACTURER: _____
 KVA: _____
 VOLTAGE: _____
 LOCATION ID: _____
 PHASE: _____
 FLUID TYPE: _____
 DESIGN IZ: _____
 SERIAL: _____
 MATERIAL #: _____



NOTE: DESIGNER TO WORK WITH SURVEYOR FOR STAKING/EASEMENT

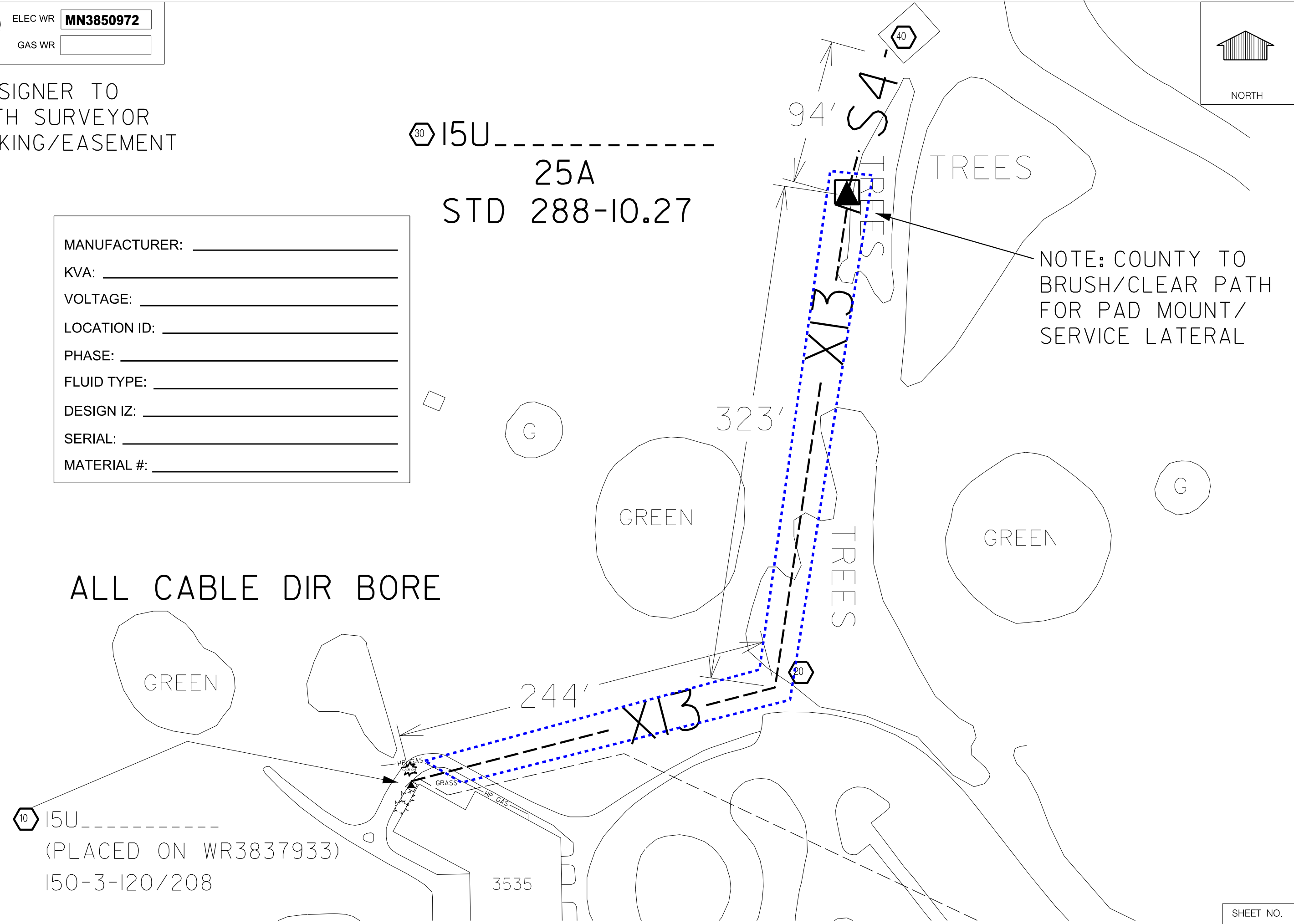
30 15U -----
 25A
 STD 288-10.27

MANUFACTURER: _____
 KVA: _____
 VOLTAGE: _____
 LOCATION ID: _____
 PHASE: _____
 FLUID TYPE: _____
 DESIGN IZ: _____
 SERIAL: _____
 MATERIAL #: _____

NOTE: COUNTY TO BRUSH/CLEAR PATH FOR PAD MOUNT/SERVICE LATERAL

ALL CABLE DIR BORE

10 15U -----
 (PLACED ON WR3837933)
 150-3-120/208



DISTRIBUTION EASEMENT UNDERGROUND

WR Number: 3886199

IO Number: CR0581

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, MILWAUKEE COUNTY, a Municipal body corporate, hereinafter referred to as "Grantor", owner of land, hereby grants and warrants to WISCONSIN ELECTRIC POWER COMPANY, a Wisconsin corporation doing business as We Energies, hereinafter referred to as "Grantee", a permanent easement upon, within and beneath a part of Grantor's land hereinafter referred to as "easement area".

The easement area is described as strips of land, fifteen (15) feet in width, being a part of Parcel 1 of Certified Survey Map No. 2798 and other parts of Grantor's premises known as Kohl Park, located in the Northwest 1/4 of Section 03, Township 8 North, Range 21 East, City of Milwaukee, Milwaukee County, Wisconsin.

The location of the easement area with respect to Grantor's land is as shown on the attached drawing, marked Exhibit "A", and made a part of this document.

RETURN TO: We Energies PROPERTY RIGHTS & INFORMATION GROUP 231 W. MICHIGAN STREET, ROOM A252 PO BOX 2046 MILWAUKEE, WI 53201-2046

1. Purpose:

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007-0131-100 031-0114-100 031-9986-124 (Parcel Identification Numbers)

(b) Grantor and Grantee understand, acknowledge and agree that this easement is non-exclusive and that Grantor will continue to use the easement area and shall have the right to make other agreements, such as leases, licenses, and easement with one or more utilities or other entities provided that any such subsequent agreements shall not interfere with Grantee's rights under this easement. Facilities and equipment other than that which is defined in this easement shall be installed only upon amendment of this easement or negotiation of an additional easement.

2. Access: Grantee or its agents shall have the right to enter and use Grantor's land with full right of ingress and egress over and across the easement area and adjacent lands of Grantor for the purpose of exercising its rights in the easement area, subject, however, to pertinent Milwaukee County ordinances and applicable rules and regulations relating to the operation, maintenance, and control of such premises. Grantor shall waive any fees for any necessary permits required by Grantor for Grantee's access.

3. Buildings or Other Structures: Grantor agrees that no structures will be erected in the easement area or in such close proximity to the electric facilities as to create a violation of the Wisconsin State Electrical Code or any amendments to it.

4. Elevation: Grantor agrees that the elevation of the ground surface existing as of the date of the initial installation of Grantee's facilities within the easement area will not be altered by more than 4 inches without the written consent of Grantee, request for which shall be promptly considered by Grantee and not unreasonably withheld.

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SHEET 04

COUNTY LINE RD

DETAIL
1-6" FLEX DUCT
Z27

MH76-401

MH76-431

14-02901 40

75-4647 40

85-05036 40

14-02916 35

X7N

X7N

R/W

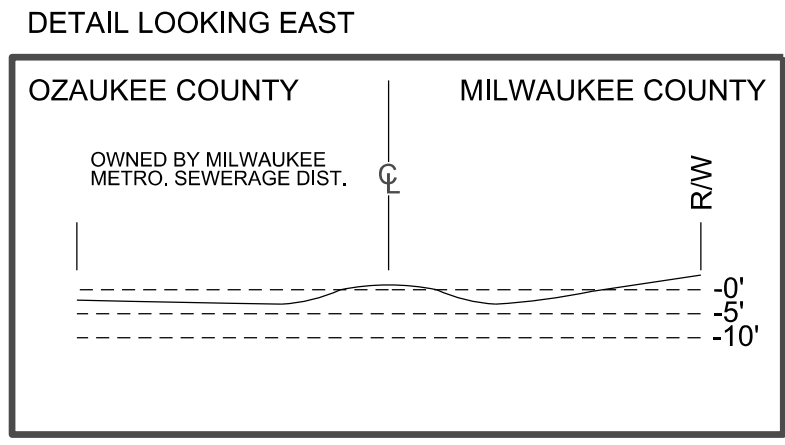
135

51-7653
45-4
(REMOVE RISER)

130

ENV
8, 27
BORE PIT

###



6'

6799
TEL

S4

N 67 ST

R/W

R/W

256

500'

ATC EASEMENT

Z15

500'

Z15

YELLOW HIGHLIGHT=
PROPOSED 12' WIDE
EASEMENT AREA

X18

ABAND
1500'
ON WR3886202

14-03085 30

140

ENV
8, 27
BORE PIT
ANODE

KOHL PARK

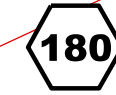
SHEET 06

SHEET 06



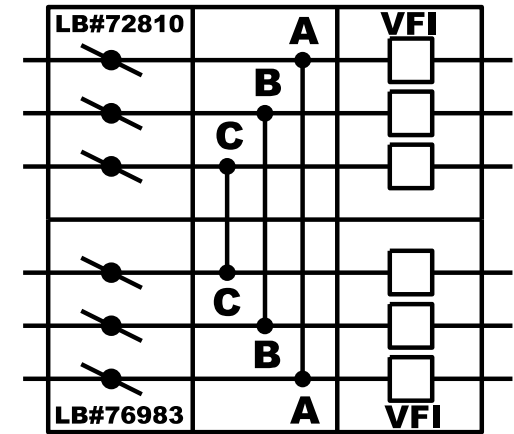
MAINTAIN 20' CLEARANCE FROM ATC TOWERS

SHEET 05



16U 284-36.17

SW/VFI DIA. 16U



TO 16U 16U 16U

TO LB77085

TO LB72496

TO FUTURE

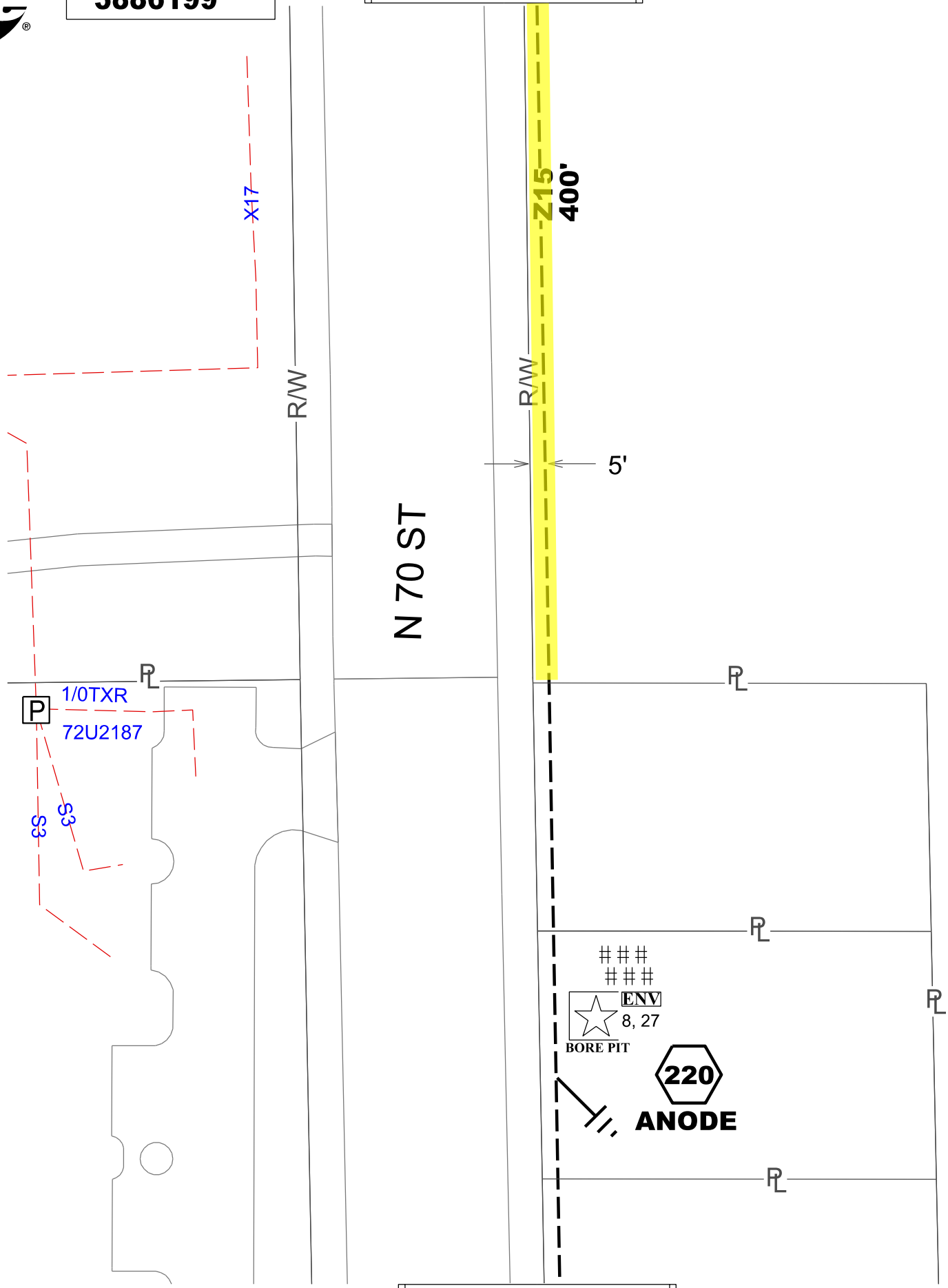
KOHL PARK

ATC EASEMENT

N 67 ST

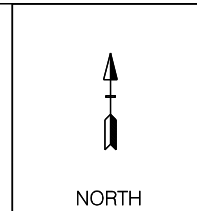
SEE WR 3886200

SHEET 07

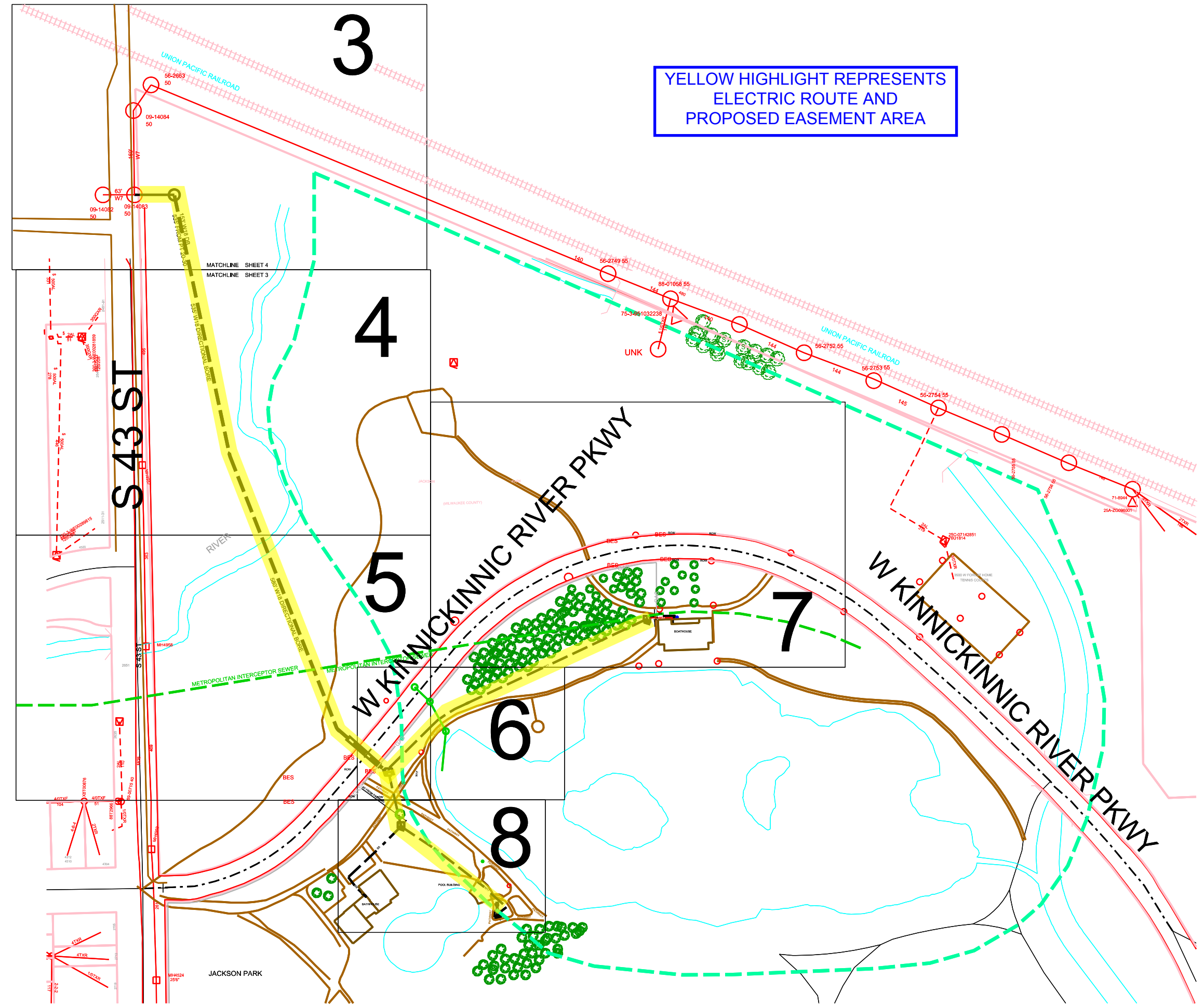




ELEC WR **MS3877190**
 GAS WR



YELLOW HIGHLIGHT REPRESENTS
 ELECTRIC ROUTE AND
 PROPOSED EASEMENT AREA



S 43 ST

W KINNICKINNIC RIVER PKWY

W KINNICKINNIC RIVER PKWY

3

4

5

6

8

7

JACKSON PARK

MATCHLINE SHEET 4
 MATCHLINE SHEET 3

SHEET NO.
 2 OF 9

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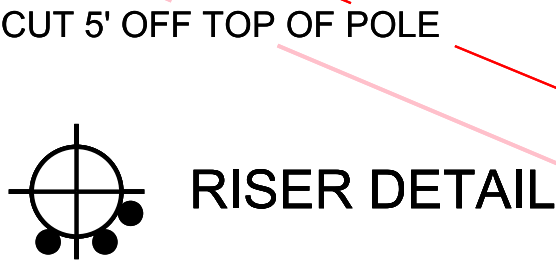
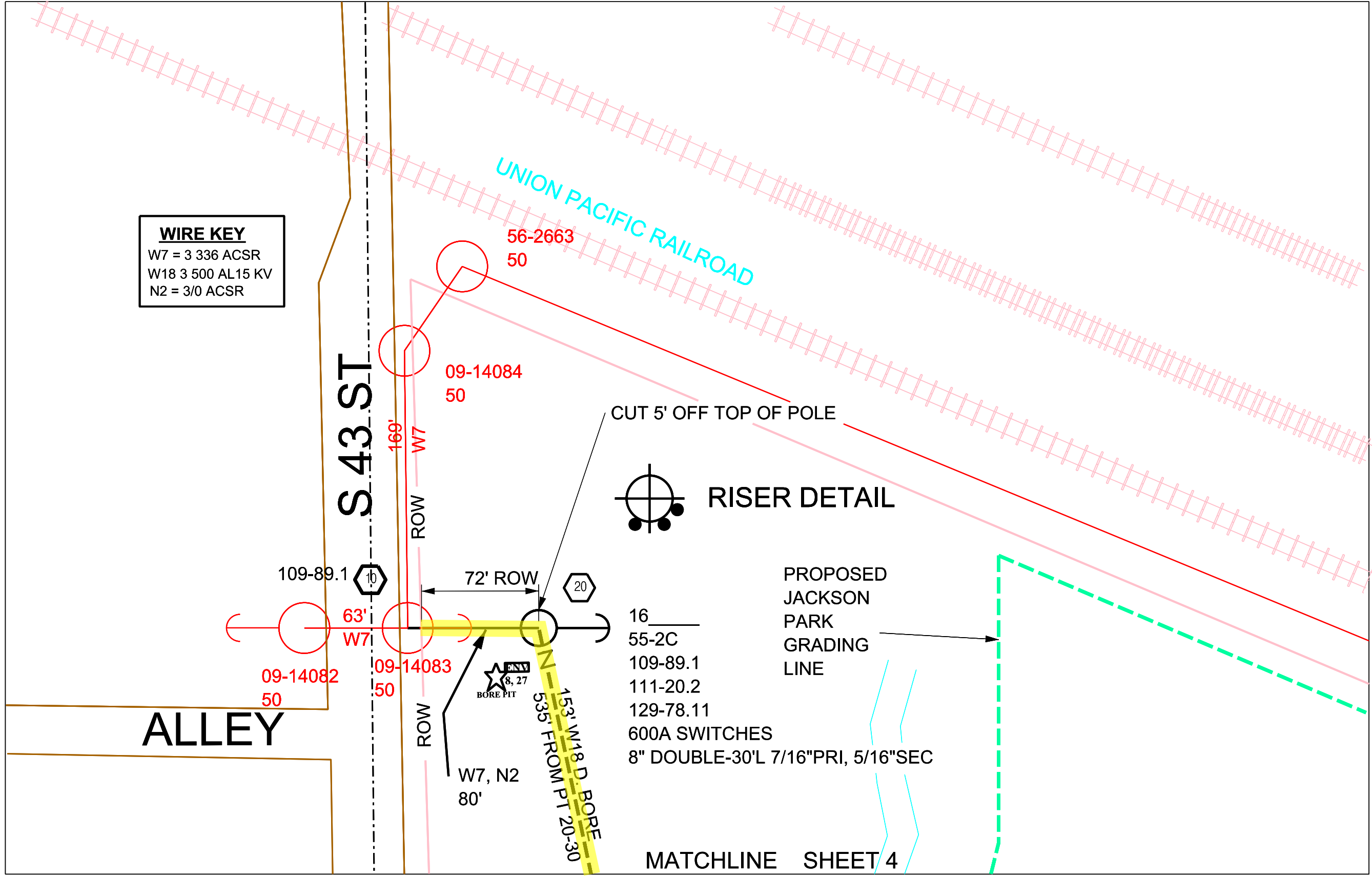
ELEC WR **MS3877190**

GAS WR



NORTH

WIRE KEY
 W7 = 3 336 ACSR
 W18 3 500 AL15 KV
 N2 = 3/0 ACSR



- PROPOSED JACKSON PARK GRADING LINE
- 16
 - 55-2C
 - 109-89.1
 - 111-20.2
 - 129-78.11
 - 600A SWITCHES
 - 8" DOUBLE-30"L 7/16"PRI, 5/16"SEC

MATCHLINE SHEET 4

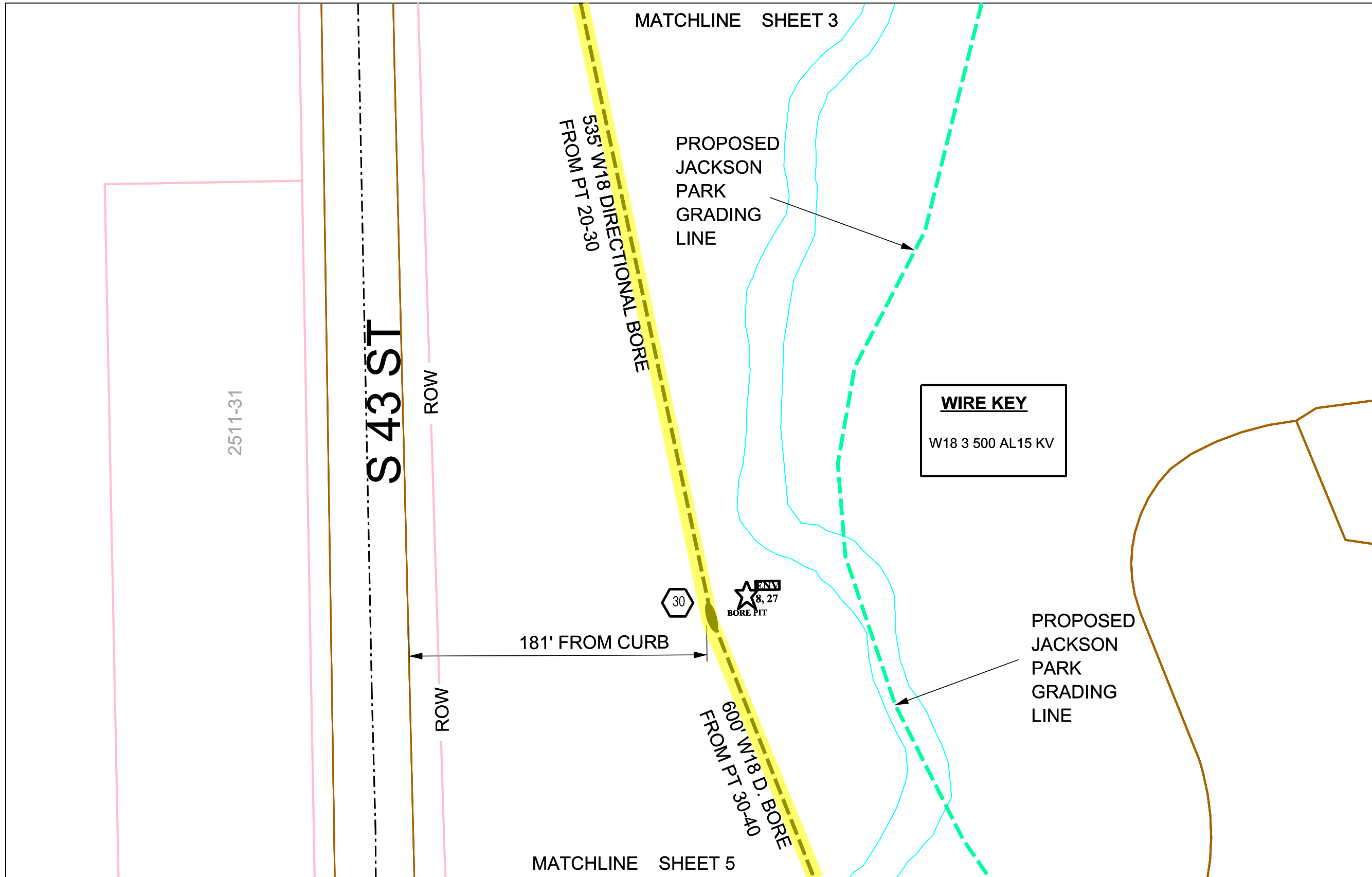


ELEC WR **MS3877190**

GAS WR



NORTH



WIRE KEY
 W18 3 500 AL15 KV

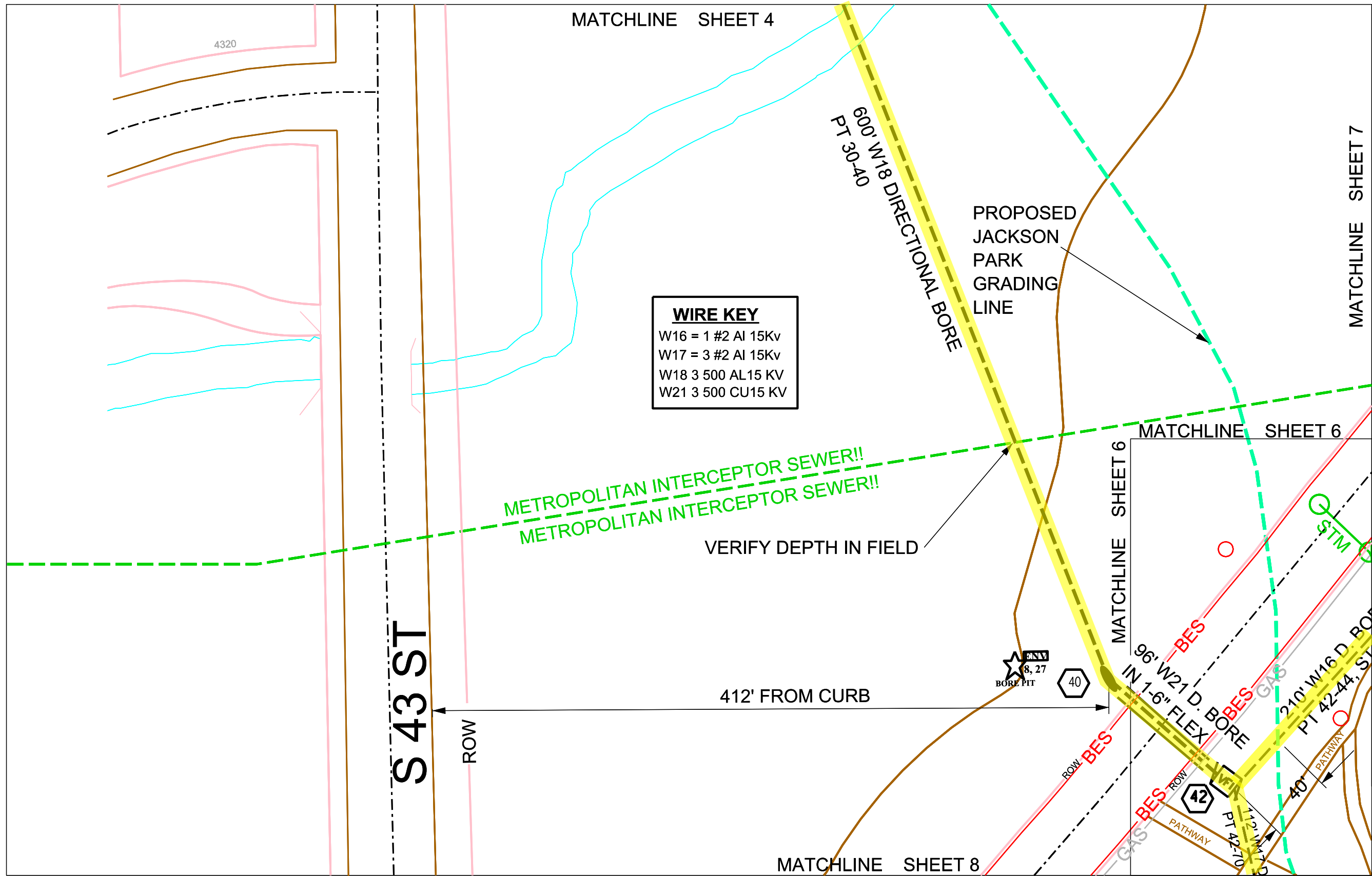


ELEC WR **MS3877190**

GAS WR



NORTH

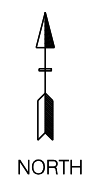


WIRE KEY

W16	=	1 #2 Al 15Kv
W17	=	3 #2 Al 15Kv
W18	=	3 500 AL15 KV
W21	=	3 500 CU15 KV



ELEC WR **MS3877190**
 GAS WR



WIRE KEY
 W16 1 #2 AL 15KV
 S4 3/0 TXR

(MILWAUKEE COUNTY)
 JACKSON PARK

MATCHLINE SHEET 6

W KINNICKINNIC RIVER PKWY

W KINNICKINNIC RIVER PKWY

METROPOLITAN INTERCEPTOR SEWER!!
 METROPOLITAN INTERCEPTOR SEWER!!
 400' W16 D BORE @ 10' DEPTH
 FROM PT 44-50

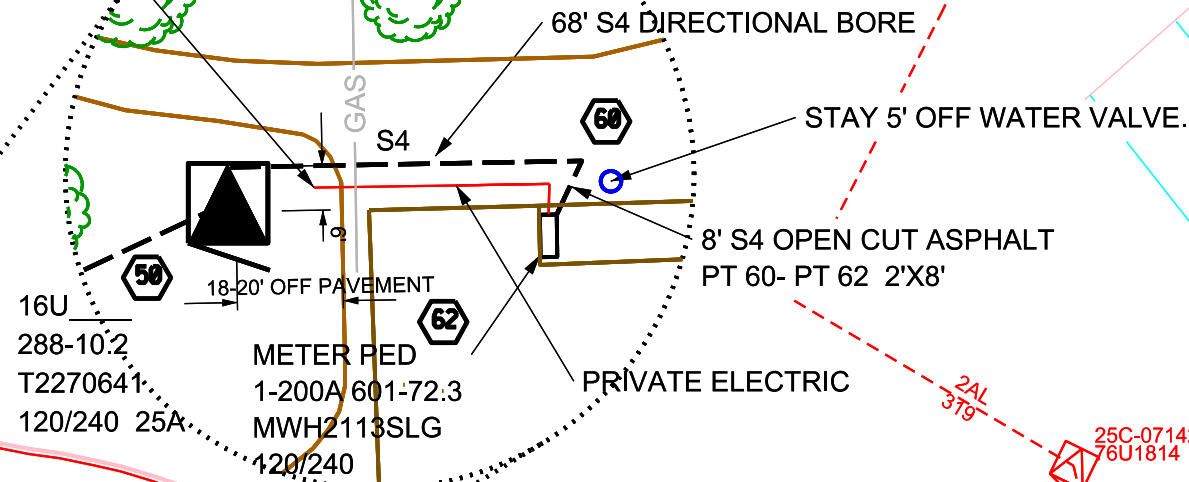
BOATHOUSE

MAKE SURE CABLE IS BURIED AT 10' DEPTH
 FOR FUTURE GRADE DROP PT 42-50, 30' WEST OF TRANSFORMER.

MATCHLINE SHEET 8

88-01058 55
 144
 75-3-951032238
 \$ 1/0 TXR
 117
 UNK

PRIVATE ELECTRIC TO BE
 MARKED AND REMOVED BY
 CUSTOMER.

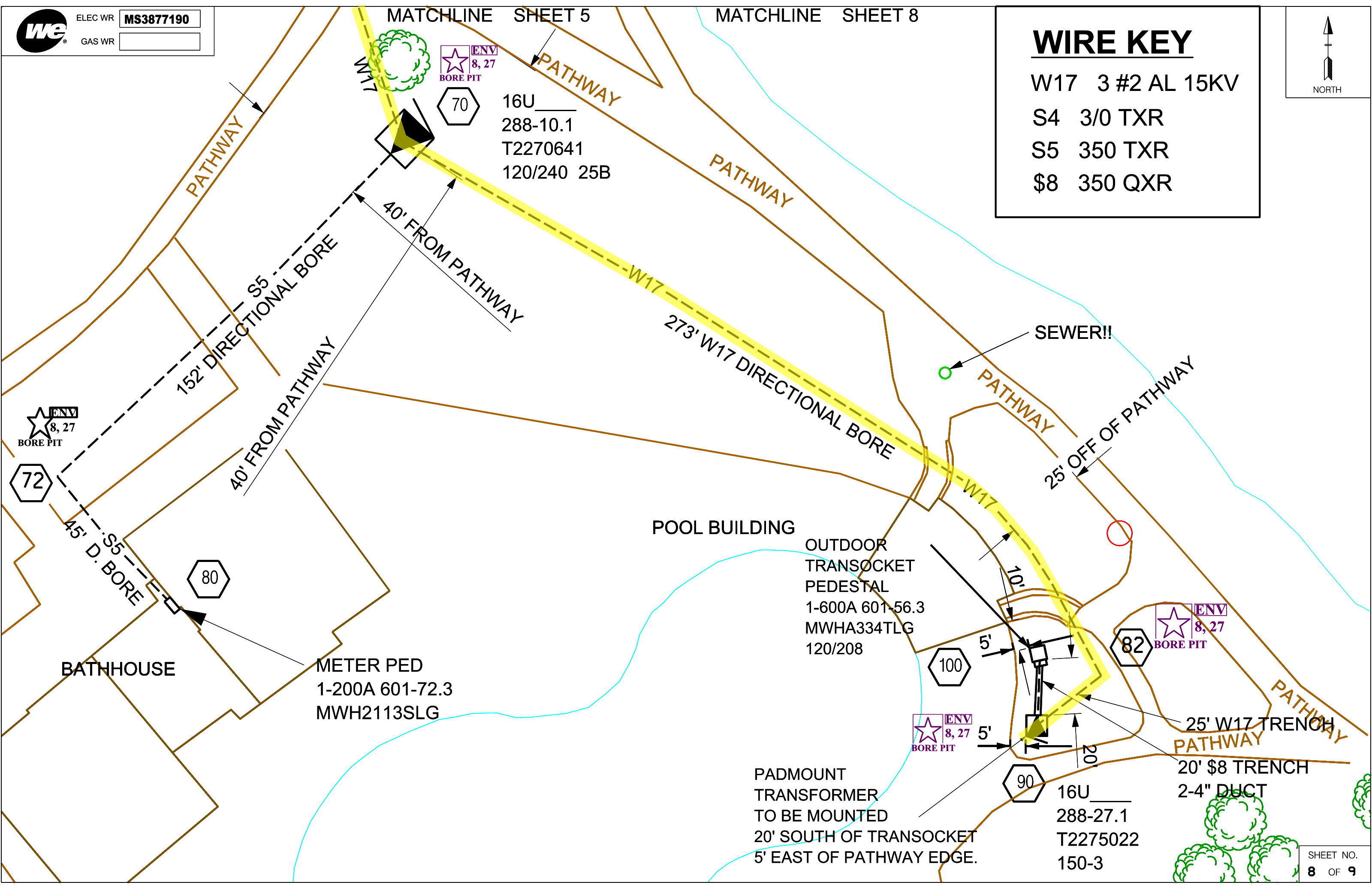
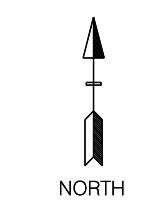


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SHEET NO.
7 OF **9**

WIRE KEY

W17	3 #2 AL 15KV
S4	3/0 TXR
S5	350 TXR
\$8	350 QXR



SERVICE CENTER ORDER NO.

PAGE: 1 OF 3

MN 3905086



LAST EDITED ON: 04/21/16

CITY/TOWN/VILLAGE: MILWAUKEE

NAME: MILWAUKEE COUNTY PARKS

LOCATION: 3233 E KENWOOD BLVD

REASON: NEW 400A, 120/240V, UG SERVICE

PROJECT ID: IO #: 5439 CGS #:

PREMISE ID: REVISED:

SUPERCEDING /SUPPLEMENTARY TO:

STAKING REQUIREMENTS LOCATE ALL UNDERGROUND

SURVEYOR TECHNICIAN STAKED NOT NEEDED

PREP BY: RON MARUSICH

OFFICE #: 414-944-5778

MOBILE #: 262-210-1722

PAGER #:

E-MAIL:

APPROVED BY:

CATV JOINT USE CONST #:

TEL JOINT USE CONST #:

OPERATING MAP #: 4284-7688-02

FEEDER /LINE #: W62851

JOB INFO:

Town / Range / Section: 0722E 15NE

Site Visit Completed By: RON MARUSICH

Job Owner: ANGELA WEBB 449-3012

MAIN CONTACTS:

Electrician: RALPH WILLING 262-613-1148

Customer: MILW COUNTY PARKS 257-6100

CONTINGENCIES & COMMENTS:

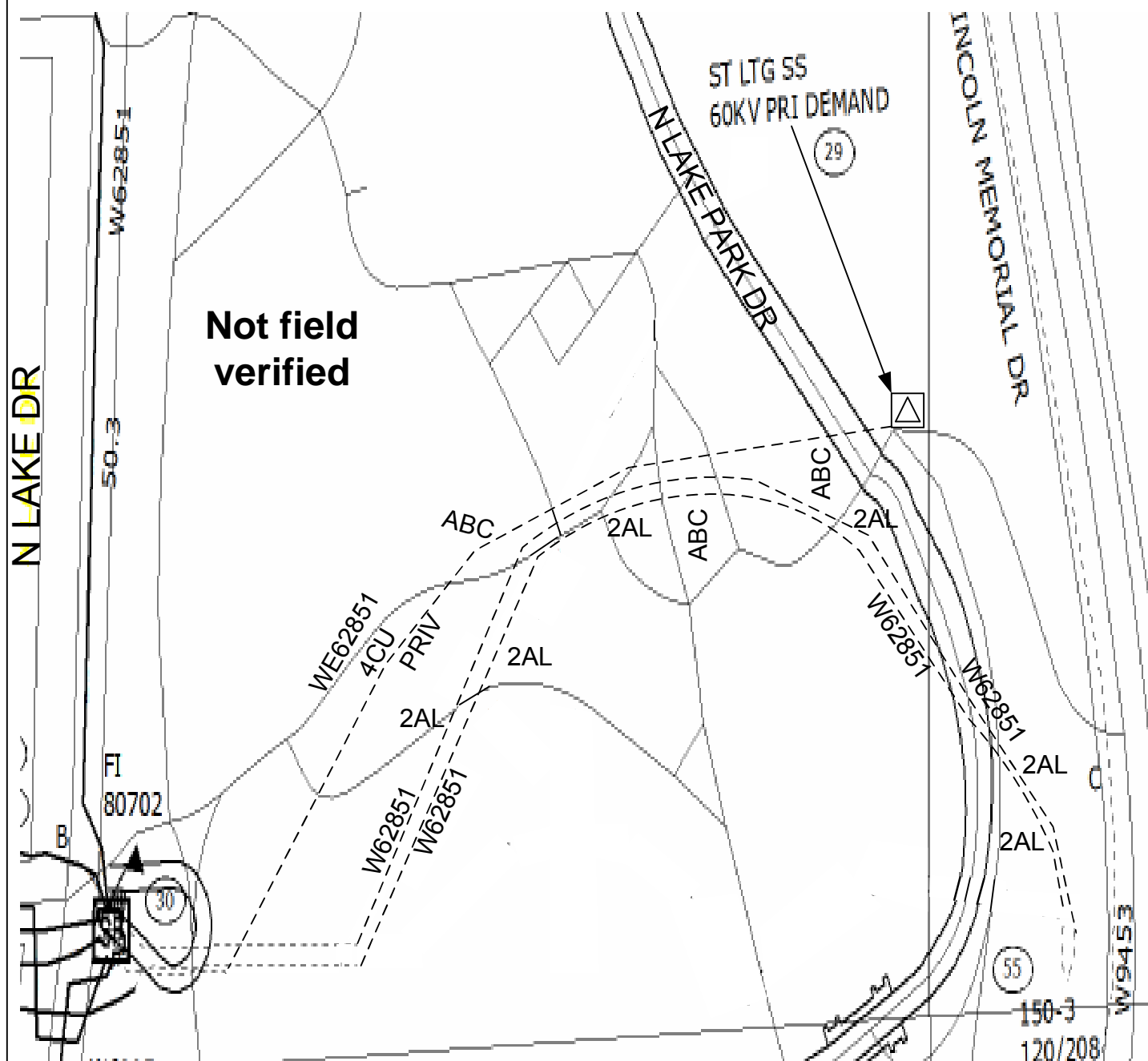
- Diggers Hotline / Miss Dig is required.
- WE Energies will restore only in road row.
- WE Energies will haul spoil.
- Customer is required to locate all private underground facilities prior to installation.
- We Energies is not responsible for root damage.

CONSTRUCTION NOTES:

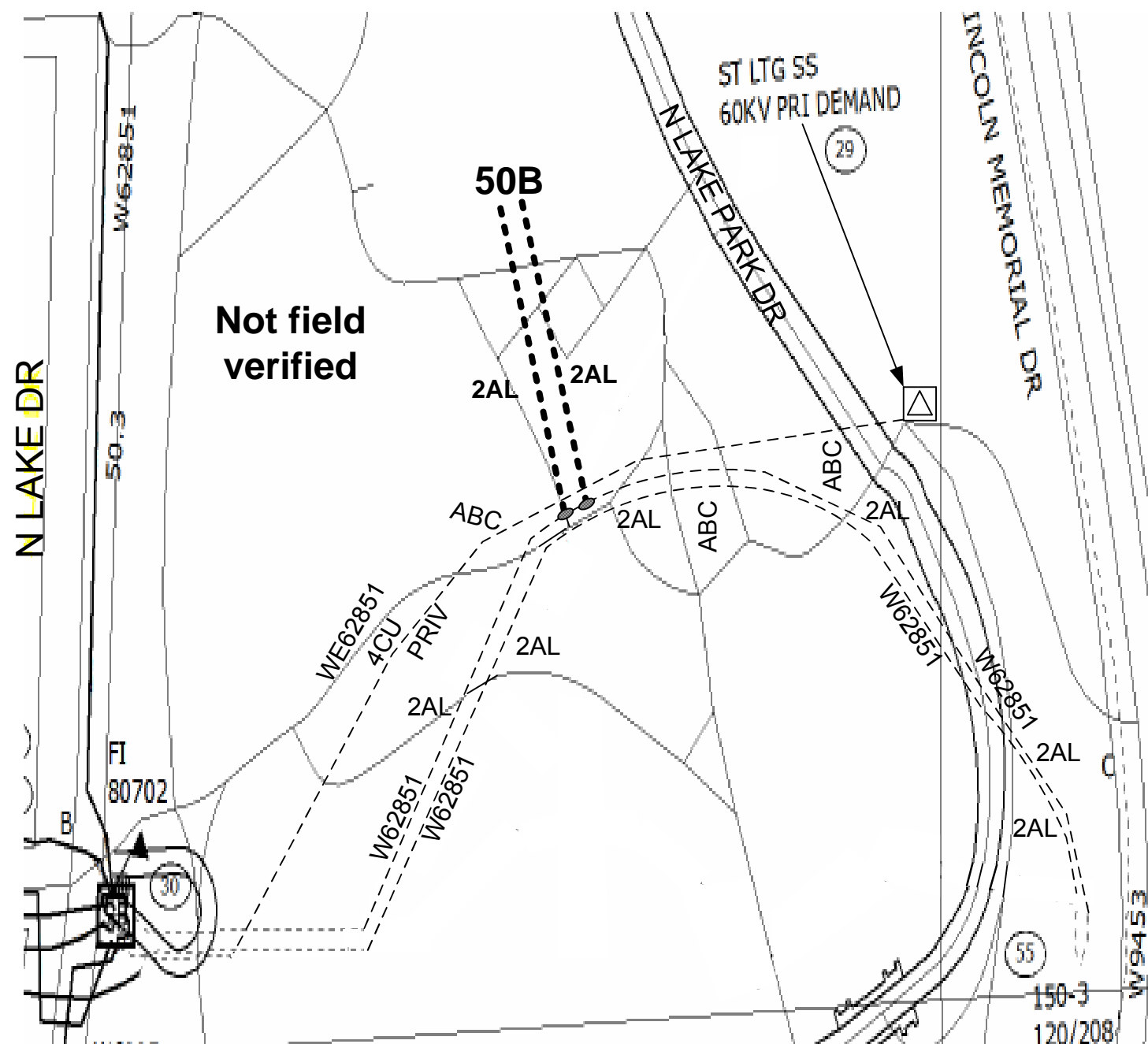
-
-

Customer's Signature of Approval _____ Date _____

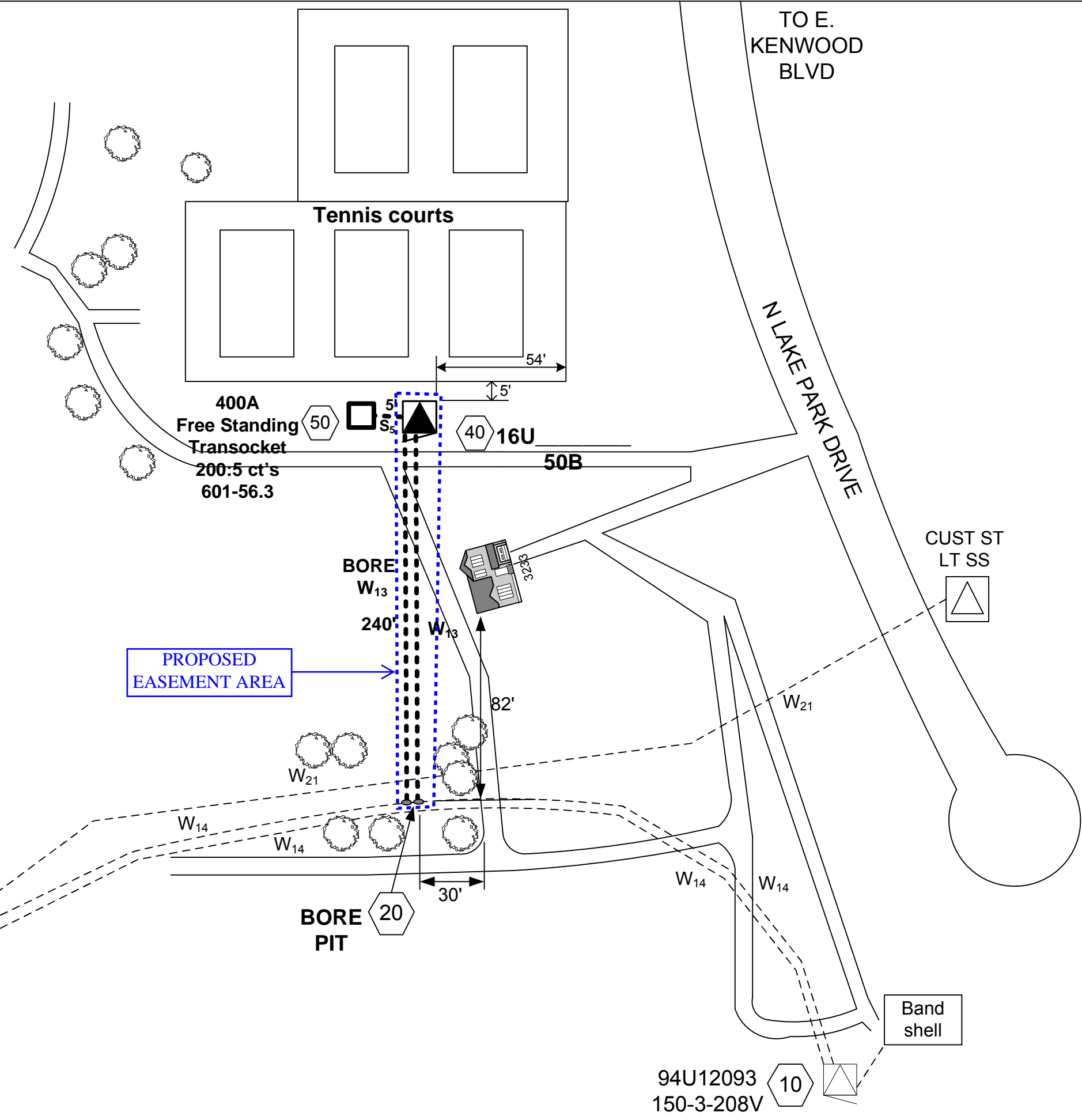
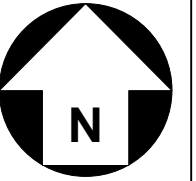
LAKE PARK
ELECTRIC SERVICE
TENNIS COURTS



EXISTING PRIMARY



PROPOSED PRIMARY



WIRE KEY
 S₅:350TXR
 W₁₆:#2AL
 W₁₇:3-#2AL
 W₂₁:#4 CU

PROPOSED
 EASEMENT AREA

N LAKE DRIVE

TO E.
 KENWOOD
 BLVD

N LAKE PARK DRIVE

Mh 3585
 88U7965
 30
 SF
 Mh 78 -566
 CITY
 MH

94U12093
 150-3-208V
 10

Band
 shell

CUST ST
 LT SS

BORE
 PIT

BORE
 W₁₃
 240'

400A
 Free Standing
 Transocket
 200.5 ct's
 601-56.3

Tennis courts

50B

40 16U

50

S₅

20

10

W₁₄

W₁₄

W₂₁

W₂₁

W₁₄

W₁₄

W₂₁

W₂₁

W₁₃

W₂₁

W₁₄

W₁₄

3236

5'

54'

30'

82'

we energies **we** ELEC WR **MN 3857669**
 GAS WR

CITY / TOWN / VILLAGE: C/WAUWATOSA
 CUST/PROJ NAME: MILWAUKEE COUNTY PARK LIGHTING
 PROJECT LOCATION: MENOMONEE RIVER PKWY AND RIDGE BLVD
 WORK DESCRIPTION: EXTEND PRIMARY AND INSTALL SERVICE FOR STREET LIGHTING 100A 120/240V 1PH
 PREPARED BY: MATHEW BORCHARDT
 E-MAIL: MATHEW.BORCHARDT@WE-ENERGIES.COM
 OFFICE #: 414-874-3894 CELL #: 414-254-0082
 PAGER #: IO #: 75663
 PROJECT ID: CGS #:
 DATE PREPARED: 11/12/2015 DATE REVISED: 11/16/2015

COMMON INFORMATION

STAKING REQUIREMENTS:
 SURVEYOR STAKED
 DESIGNER NOT NEEDED

MAIN / SERVICE IN EASEMENT:
 YES NO

RESTORE PRIVATE PROPERTY: WE ENERGIES CUSTOMER

WORK IS APPROX 30' FT, DIRECTION NORTH OF CL OF RIDGE BLVD NEAREST CROSS STREET (ALSO FOR GAS SERVICE TEE)

ELECTRIC INFORMATION

OPER MAP #: 4140-7676-02 FEEDER/LINE #: X8653 ABC
 CATV JOINT USE #: NA TEL JOINT USE #: NA

PROPOSED GAS SERVICE INFORMATION

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

OVERHEAD PRIMARY E,X,W, or Z

Z	1-#2 ACSR
Z1	1-#1/0 ACSR
Z2	1-#3/0 ACSR
Z3	3-#2 ACSR
Z4	3-#1/0 ACSR
Z5	3-#3/0 ACSR
Z7	3-#336 ACSR
W9	4/0AL
Z10	1 WIRE REMOVAL
Z11	2 WIRE REMOVAL
Z12	3WIRE REMOVAL

DIRECT BURY PRIMARY E,X,W, or Z

Z13	1-#1 AL 25KV
Z14	3-#1 AL 25KV
Z15	3-#500 AL 28KV
X16	1-#2 AL 15KV
X17	3-#2 AL 15KV
X18	3-#500 AL 15KV
Z21	3-#750 AL 28KV

NEUTRAL

N	1-#2 ACSR
N1	1-#1/0 ACSR
N2	1-#3/0 ACSR
N3	1-#4/0 AL
N4	1-#336 ACSR
N5	REMOVAL

SECONDARY - 1PHASE

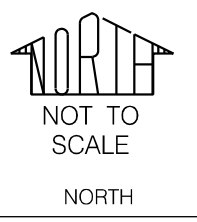
S	6DX
S1	4 TX
S2	2 TX
S3	1/0 TXR
S4	3/0 TXR
S5	350 TXR
S6	750 TXR
S7	1/0 TXF
S8	4/0 TXF
S9	336 TXR
S10	3 WIRE MAIN
S11	REMOVAL

SECONDARY - 3PHASE

G	1/4" ARM GUY
G1	5/16" ARM GUY
G2	3/8" ARM GUY
G3	5/16" POLE GUY
G4	3/8" POLE GUY
G5	7/16" POLE GUY
\$	1/0 TXF
\$1	4/0 TXF
\$2	336 TXF
\$3	3/0 TX
\$4	350 TX
\$5	750 TX
\$6	1/0 QXF
\$7	3/0 QXF
\$8	350 QXR
\$9	750 QXR
\$10	3 WIRE REMOVAL
\$11	3/0 QXR
\$12	4 WIRE REMOVAL

GUYING

- CRITICAL SAFETY RULES – EO:**
1. Enclosed space procedures
 2. Excavation and shoring
 3. Rubber gloves and sleeves
 4. Fall protection
 5. Lock out – Tag out
 6. Seat belts
 7. Securing parked vehicles



**ELECTRIC SERVICE
 MENOMONEE RIVER PKWY
 AND RIDGE BLVD**

JOB INFO:
 SECTION / TOWN / RANGE: SE1/4 SEC17, T07N, R21E
 SITE VISIT COMPLETED BY: MATHEW BORHCARDT
 JOB OWNER: KEVIN EDE 414-449-3024

MAIN CONTACTS

CONTRACTOR/BUILDER:
 PLUMBER/ HVAC:
 ELECTRICIAN: PIEPER POWER
 CUSTOMER: DAVID GULGOWSKI 414-278-4942

CONTINGENCIES & COMMENTS:
 DIGGERS HOTLINE DIG REQUIRED.
 WE ENERGIES WILL RESTORE ROW.
 WE ENERGIES WILL HAUL SPOIL FROM SIDEWALK.
 CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION.
 WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE

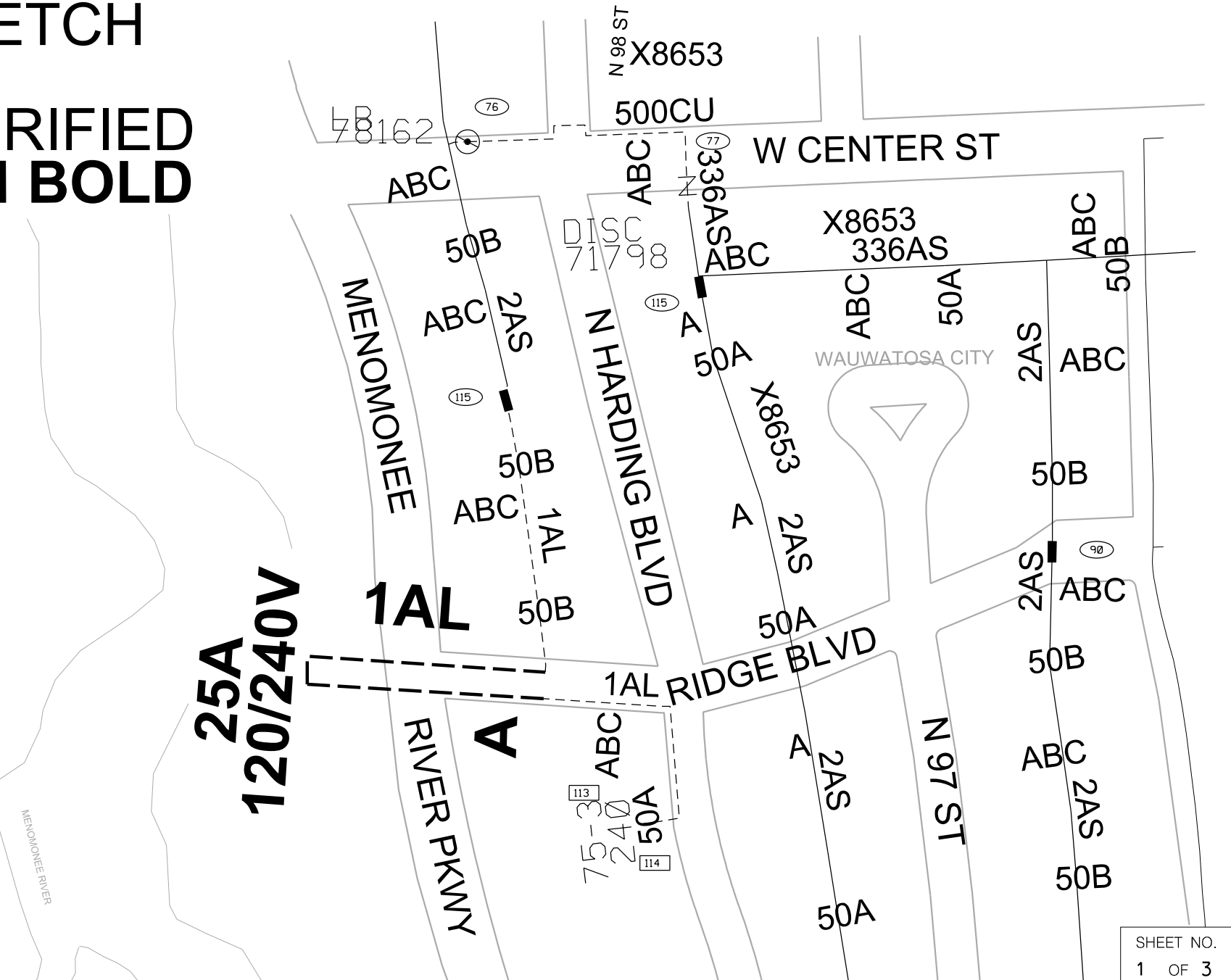
CONSTRUCTION REMARKS:
 *
 *

 CUSTOMER'S SIGNATURE OF APPROVAL DATE

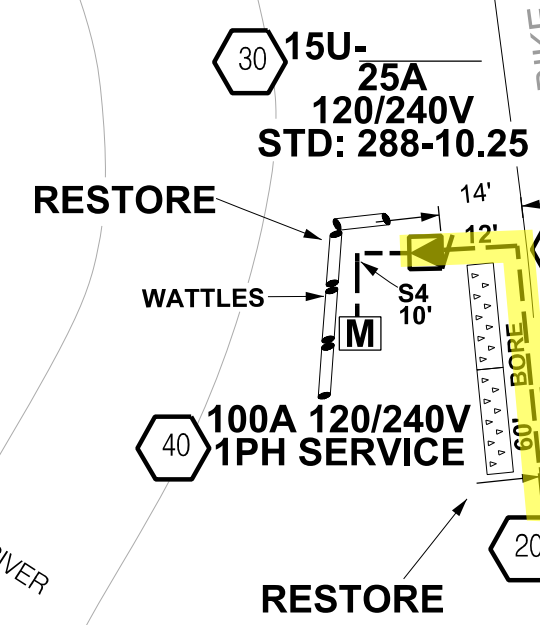
**FEEDER SKETCH
 X8653
 NOT FIELD VERIFIED
 PROPOSED IN BOLD**

EROSION CONTROL LEGEND

	APPROXIMATE BORE PIT LOCATION (WITH & WITHOUT PERIMETER CONTROL)
	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

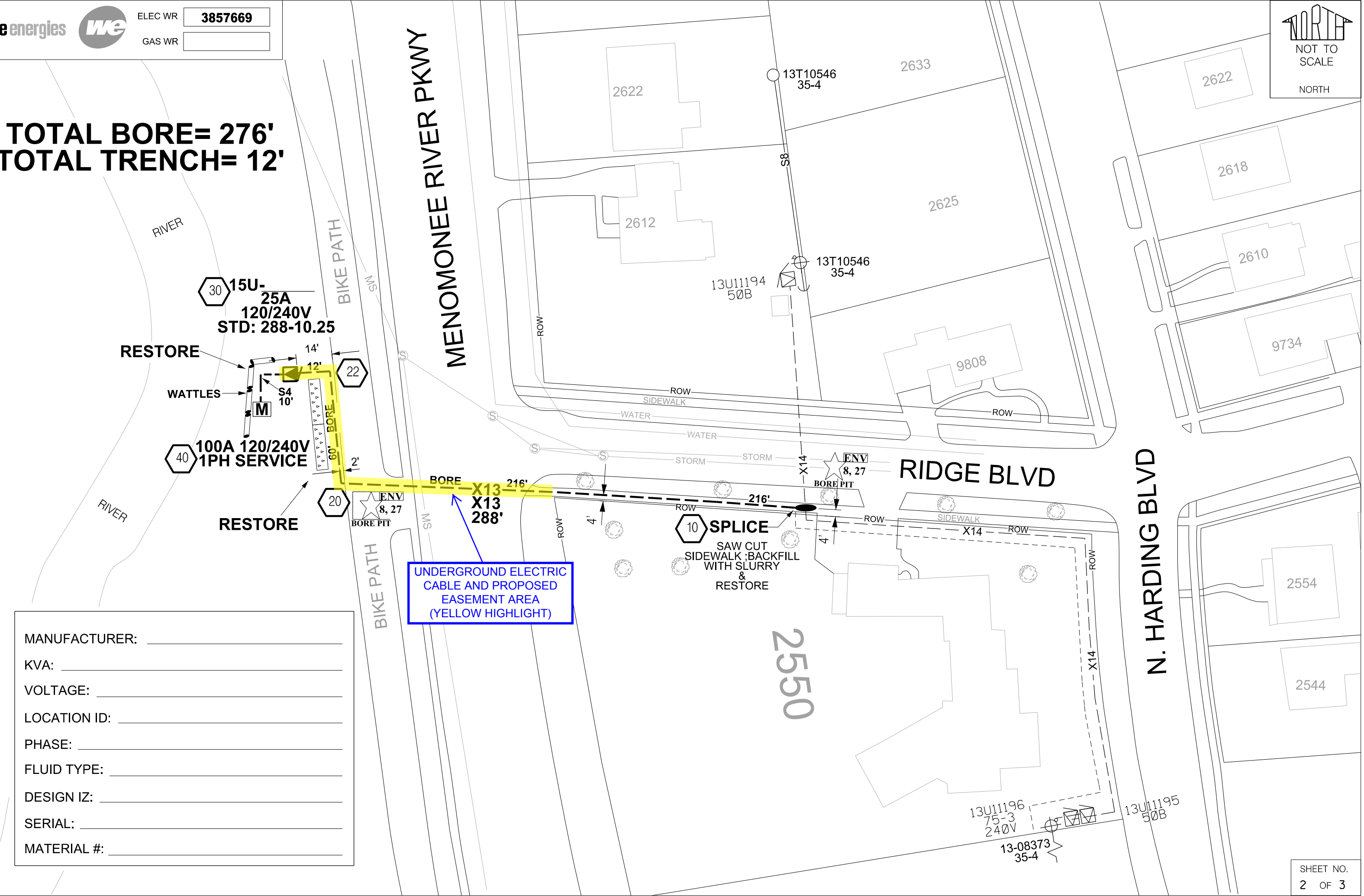


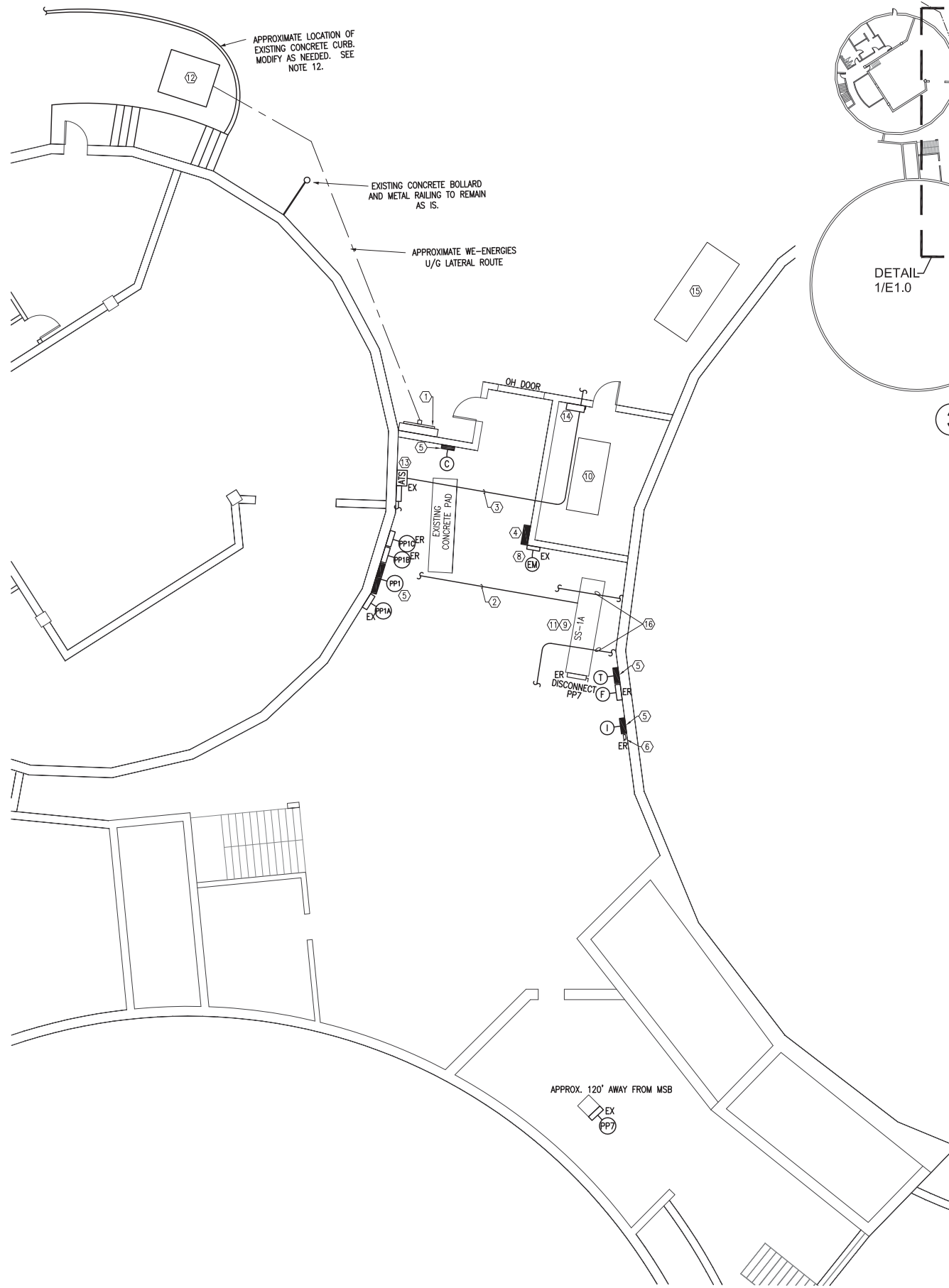
TOTAL BORE= 276'
TOTAL TRENCH= 12'



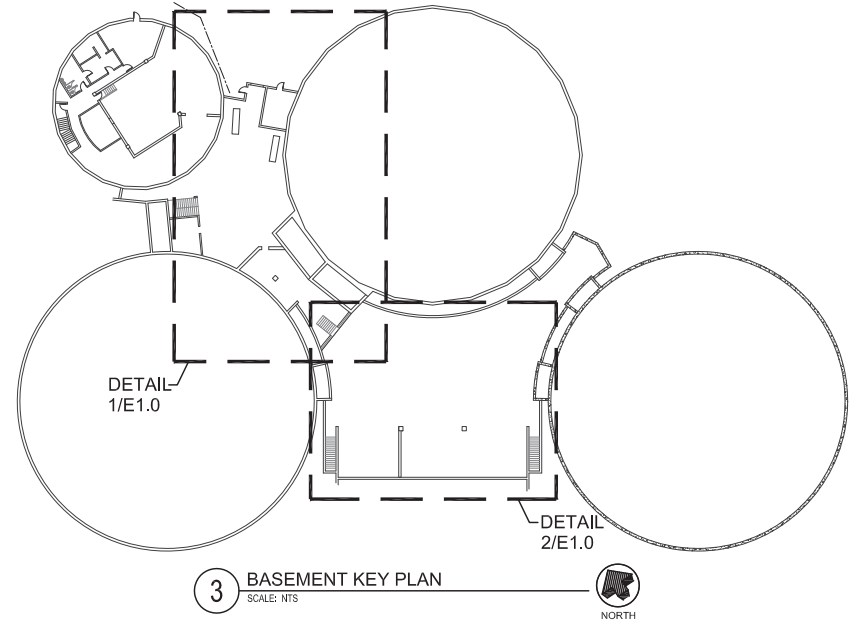
**UNDERGROUND ELECTRIC
 CABLE AND PROPOSED
 EASEMENT AREA
 (YELLOW HIGHLIGHT)**

MANUFACTURER: _____
 KVA: _____
 VOLTAGE: _____
 LOCATION ID: _____
 PHASE: _____
 FLUID TYPE: _____
 DESIGN IZ: _____
 SERIAL: _____
 MATERIAL #: _____

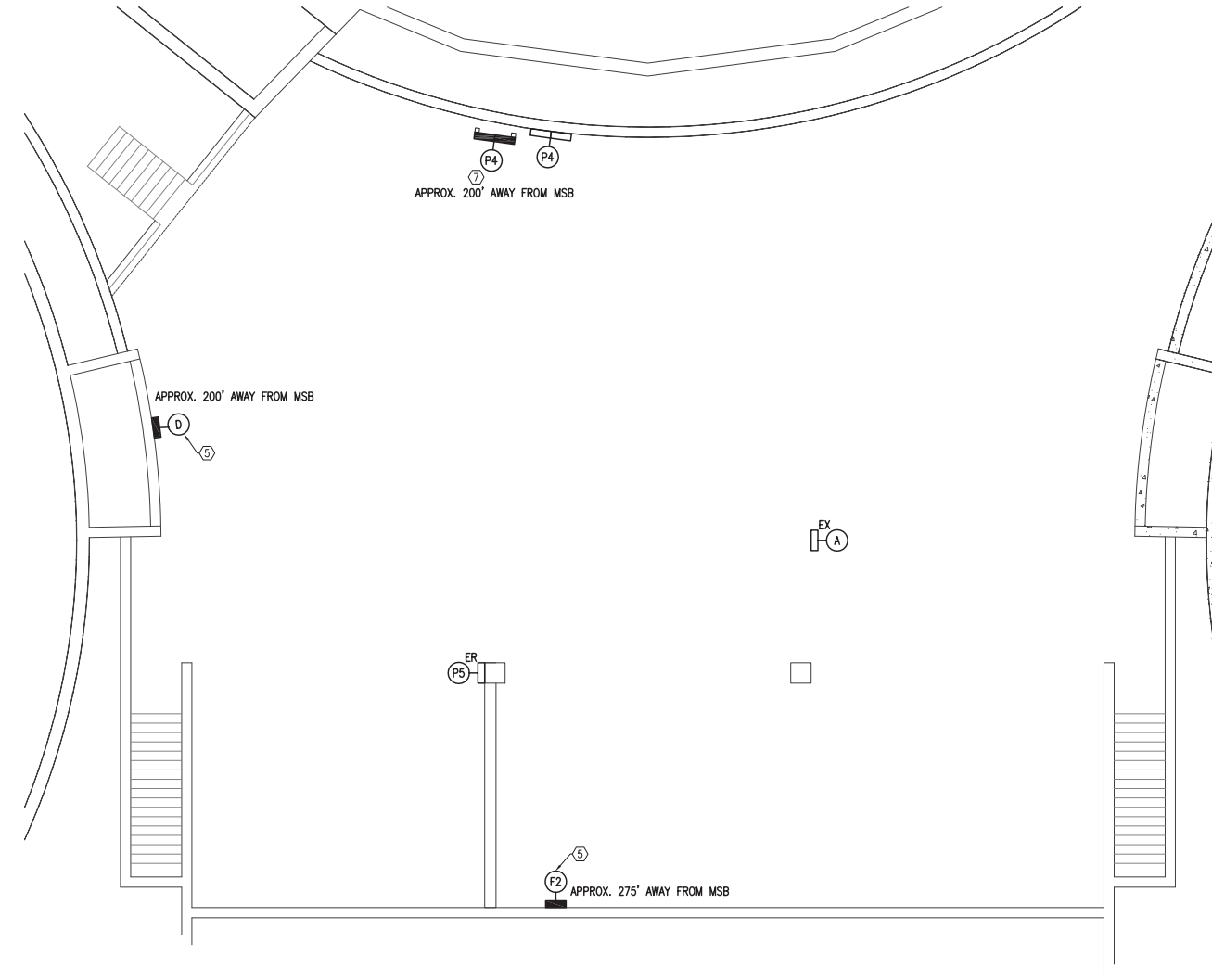




1 PARTIAL BASEMENT POWER PLAN
SCALE: 1/8" = 1'-0"
NORTH



3 BASEMENT KEY PLAN
SCALE: NTS
NORTH



2 PARTIAL BASEMENT POWER PLAN
SCALE: 1/8" = 1'-0"
NORTH

PLAN NOTES:

- APPROXIMATE LOCATION OF NEW METER TRANSOCKET. ELECTRICAL CONTRACTOR SHALL HIRE A PLUMBER TO REMOVE THE EXISTING HOSE BIB AND ASSOCIATED WATER PIPING. PROPERLY CAP THE PIPE INSIDE THE BUILDING.
- EXISTING 3-1/2" CONDUITS FROM THE MSB SERVING THE NORMAL AND LOAD SIDE OF THE ATS. REMAINING UNUSED (2) 3-1/2" CONDUITS SHALL NOT BE DEMOLISHED. THE COUNTY WANTS TO KEEP THEM AS SPARE CONDUITS.
- EXISTING CONDUITS FROM THE EXTERIOR GENSET. MODIFY CONDUCTORS AND CONDUITS AS NEEDED TO CONNECT NEW SERVICE DISCONNECT.
- PROVIDE A SINGLE PHASE, 750VA EMERGENCY LIGHTING INVERTER SYSTEM TO BACK-UP THE EXISTING LIFE SAFETY CIRCUITS. MYERS LV-4-R-1 WITH 6 OUTPUT CIRCUIT BREAKERS. OTHER APPROVED EQUALS ARE ACCEPTABLE. RE-FEED EXISTING EMERGENCY LIFE SAFETY CIRCUITS IN PANEL "EM". CIRCUIT TO A SPARE 20A/1P CIRCUIT IN PANEL "C".
- EXISTING PANEL(S) SHALL BE REPLACED WITH NEW. TRANSFER EXISTING BRANCH CIRCUITS TO NEW PANEL(S). NEW PANELS SHALL BE LOCATED IN THE SAME LOCATION AS THE OLD. EXTEND CONDUIT AND WIRES AS NEEDED.
- REMOVE GENERATOR UTILITY DISCONNECT AND EXTEND FEEDER TO NEW PANEL. (100AS/60AF)
- IN ORDER TO AVOID EXISTING OVERHEAD WATER PIPING, MOUNT NEW PANELS ON A STAND ALONE UNISTRUT STRUCTURE AT LEAST 10" FROM THE WALL. TRANSFER EXISTING BRANCH CIRCUITS TO NEW PANEL(S).
- TRANSFER EXISTING LIFE SAFETY BRANCH CIRCUITS TO NEW LIGHTING INVERTER. EXISTING PANEL FRONT SHALL BE REPLACED WITH A NEW COVER AND USED AS A JUNCTION BOX TO SPLICE BRANCH CIRCUITS. REMOVE EXISTING FEEDER BACK TO SOURCE.
- APPROXIMATE LOCATION OF EXISTING 1200A, 208Y / 120V, 3Ø, 4W, GE SWITCHBOARD (SS-1A). NEW MSB SHALL BE LOCATED IN THE SAME LOCATION AS THE OLD. TWO SECTIONS OF THE EXISTING MSB WILL NEED TO BE CONVERTED TO A JUNCTION BOX TO ACCOMMODATE THE EXISTING O/H AND UNDERGROUND FEEDS. THERE WILL BE APPROXIMATELY 36"x91" OF AVAILABLE SPACE TO INSTALL THE NEW MSB. IT IS IMPERATIVE THAT THIS CONTRACTOR COORDINATES ALL OUTAGES AND OTHER WORK RENDERING EXISTING EQUIPMENT, ESPECIALLY THE HVAC SYSTEM, INOPERATIVE. DURATION OF OUTAGE SHALL ALSO BE DISCUSSED. THE TIMEFRAME FOR SCHEDULING THE SEVEN CONSECUTIVE DAY SHUTDOWN WILL FALL BETWEEN 05/31/16 - 06/10/16. REMOVE ALL CONDUIT AND WIRING OF EQUIPMENT BEING REMOVED AND/OR ABANDONED BACK TO SOURCE.
- DEMOLISH EXISTING HIGH VOLTAGE EQUIPMENT INCLUDING THE BUS DUCT CONNECTION TO SS-1A, WIRE, CONDUIT, ETC. THE CITY OF MILWAUKEE IS ONLY RESPONSIBLE FOR REMOVING THE SERVICE CONDUCTORS. EQUIPMENT AND MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE IF THE COUNTY DOES NOT WANT IT. NOTE THAT EXISTING GEAR MAY NEED TO BE DISMANTLED TO FIT THROUGH THE MAIN DOOR.
- APPROXIMATE LOCATION OF NEW 800A, 208Y/120V, 3Ø, 4W SWITCHBOARD.
- APPROXIMATE LOCATION OF NEW PADMOUNT TRANSFORMER. COORDINATE THIS WORK WITH PAMELA WILLIAMSON, WE-ENERGIES ENERGY SERVICES CONSULTANT, 414-944-5781 PRIOR TO COMMENCING ANY WORK. E.C. IS RESPONSIBLE FOR HIRING A SUBCONTRACTOR TO MODIFY THE EXISTING CONCRETE CURVE, PAVEMENT AND GRADE IF NEEDED TO ACCOMMODATE THE NEW TRANSFORMER. RESTORE AREA TO OWNER'S SATISFACTION.
- APPROXIMATE LOCATION OF EXISTING "ATS". RECONNECT EXISTING AND NEW FEEDERS AS NEEDED. CONTROL WIRING SHALL REMAIN AS IS.
- APPROXIMATE LOCATION OF NEW 800A FUSED GENERATOR DISCONNECT SWITCH. DISCONNECT AND RECONNECT GENERATOR SERVICE FEEDERS AS NEEDED TO INCORPORATE THE NEW SWITCH. (800A LPNR FUSES) REMOVE NEUTRAL/GROUND BONDING JUMPER AT THE GENERATOR. THE NEW BOND SHALL BE MADE AT THE NEW GENERATOR DISCONNECT SWITCH.
- APPROXIMATE LOCATION OF EXISTING DIESEL GENSET.
- E.C. IS RESPONSIBLE FOR HIRING A PLUMBER TO RELOCATE THE EXISTING PIPES ABOVE THE NEW MSB LOCATION. PLUMBER SHALL COORDINATE WITH THE OWNER THE REQUIRED DOWNTIME TO DRAIN THE WATER LINES FOR RELOCATION.



255 N 21st St, Milwaukee, WI 53233
414.475.5554 414.475.5698 fax harwood@hecl.com

Revisions

**BASEMENT
POWER PLAN**
Sheet

SCALE:

Project
**MITCHELL PARK
ELECTRICAL
SERVICE UPGRADE
PROJECT**

Date
03/16/2016

Project No.
HECL: 015-1098.00
COUNTY: P383-15629

Sheet No.

E1.0

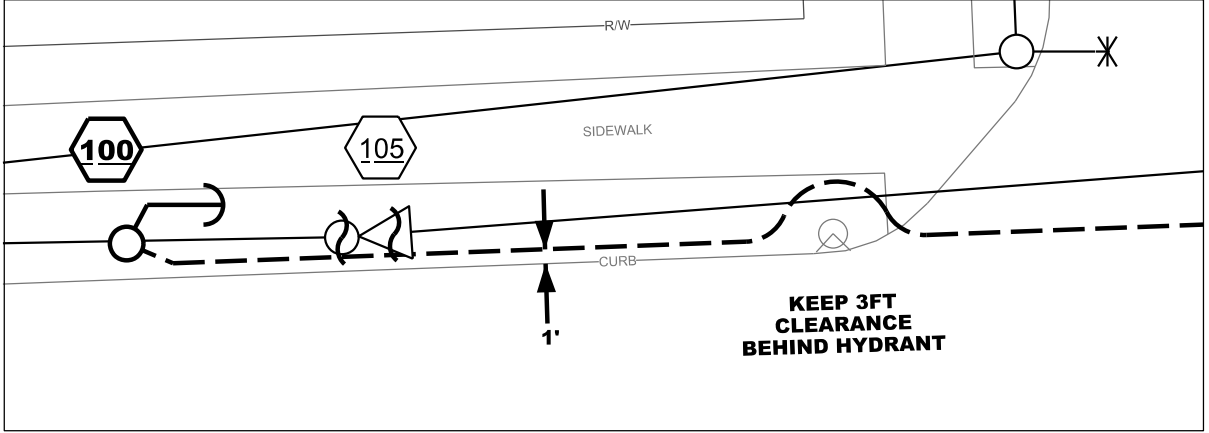


ELEC WR **OB 3724104**

GAS WR _____



KEY:
 E9 = 3#6 CU
 W9 = 3#6 CU
 W17 = 3#2AL - 15KV
 N6 = 1#6 CU
 \$8 = #350 TXR



MANUFACTURER: _____
 KVA: _____
 VOLTAGE: _____
 LOCATION ID: _____
 PHASE: _____
 FLUID TYPE: _____
 DESIGN IZ: _____
 SERIAL: _____
 MATERIAL #: _____

