



CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERING DIVISION

COLEMAN A. YOUNG MUNICIPAL CENTER
2 WOODWARD AVE. SUITE 601
DETROIT, MICHIGAN 48226
PHONE: (313) 224-3949 TTY: 711
WWW.DETROITMI.GOV

To: Clerk's Office
From: The Department of Public Works
City Engineering Division
MapsandRecordsBureau@DetroitMI.Gov
(313) 224-3970

Petitioner:
IKE Smart City
250 N Hartford Avenue
Columbus, OH 43222

On behalf of the above-mentioned petitioner the Department of Public Works: City Engineering Division is submitting a petition request for the below mentioned action. The petitioner has received a project consultation from the Department of Public Works: City Engineering Division and has been advised the following:

Type of action recommended:

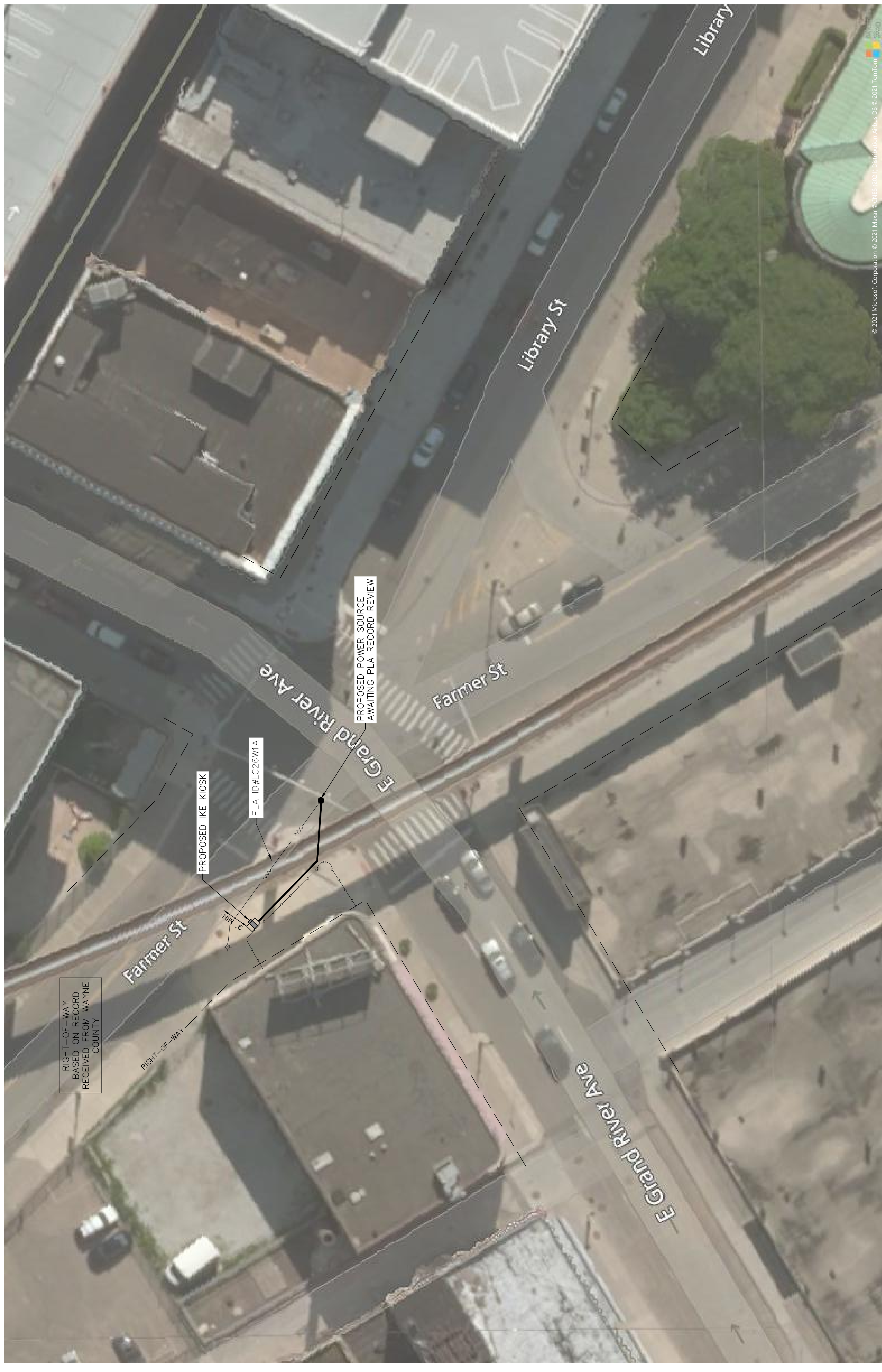
Petition to approve ten (10) locations for the installation of digital interactive kiosks within the public right of way. Said locations will be submit to review by the DPW: City Engineering division for permit and encroachment.

Jered Dean
Manager II
Department of Public Works
City Engineering Division
313-224-3985

ISSUED FOR:					
DATE:					
REV.					

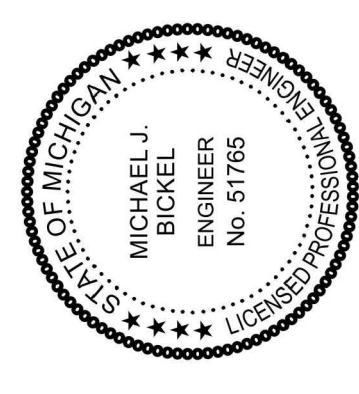
SITE NAME:
LIBRARY & FARMER
DET-001

JOB:	1035-21-1593
DRAW DATE:	09/27/21
PLOT DATE:	10/1/21
DRAWN BY:	JRG
TITLE:	COVER
SHEET:	01 OF 01



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.



October 1, 2021
 CONTRACTOR / AS-BUILT

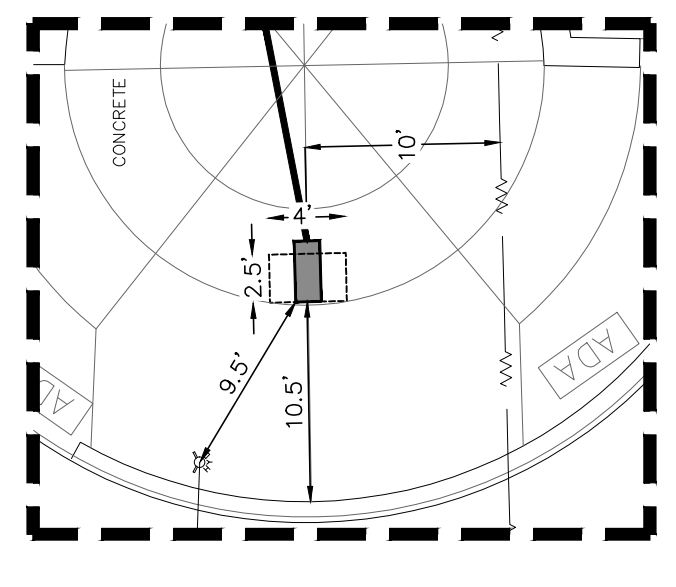
ISSUED FOR:	
DATE:	
REV.	

SITE NAME:
**WITHERELL & MADISON
 DET-002**

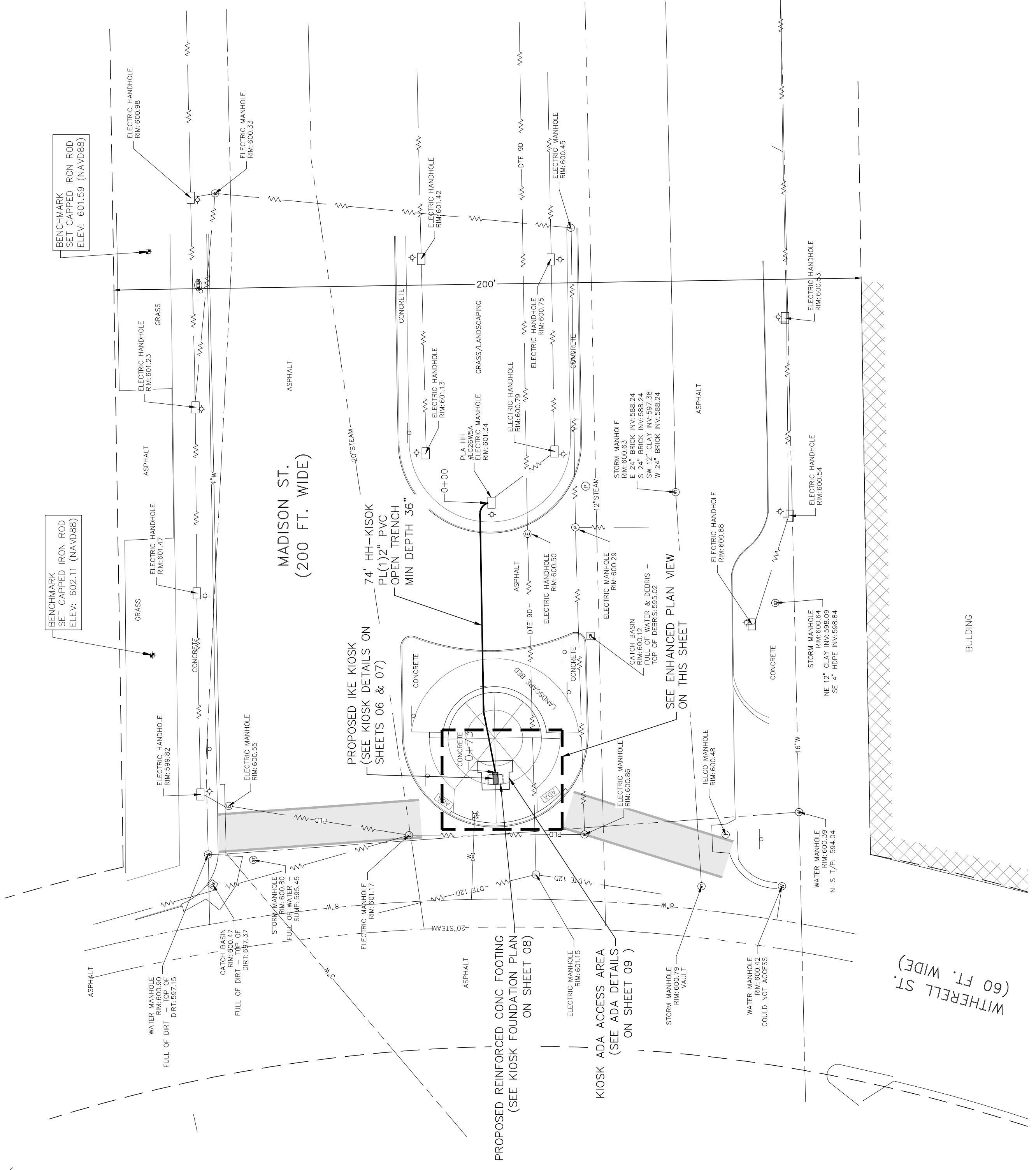
JOB:	1035-21-1594-DS
DRAW DATE:	09/27/21
PLOT DATE:	10/1/21
DRAWN BY:	JRG
TITLE:	PLAN VIEW
SHEET:	04 OF 12

LEGEND

- X 666.5 EX. SPOT ELEVATION
- EX. CONTOUR
- EX. METLAND LIMITS
- EX. RIGHT OF WAY
- EX. EASEMENT LINE
- EX. CURB/PAVEMENT
- EX. MAILBOX
- EX. FENCE
- EX. GRAVEL
- EX. GUARDRAIL
- EX. TREELINE
- EX. WATER MAIN
- EX. WATER VALVE
- EX. OPEN MANHOLE
- EX. WATER MANHOLE
- EX. WELL
- EX. WATER METER
- EX. STORM SEWER
- EX. STORM INLET/CATCH BASIN
- EX. ROUND STORM CATCH BASIN
- EX. STORM MANHOLE
- EX. STORM POND SECTION
- EX. SANITARY SEWER
- EX. SANITARY MANHOLE
- EX. UNDERGROUND GAS
- EX. UNDERGROUND VALVE
- EX. GAS VALVE
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND ELECTRIC
- EX. UNDERGROUND TELE
- EX. UNDERGROUND TELE
- EX. TELEPHONE MANHOLE
- EX. ELECTRIC METER
- EX. GAS METER
- EX. LOFT POLE
- EX. UNIDENTIFIED MANHOLE
- EX. COMBO MANHOLE
- EX. TRAFFIC SIGNAL POLE
- EX. UTILITY POLE
- EX. GUY WIRE
- EX. TREE (CONIFEROUS)
- EX. TREE (DECIDUOUS)
- EX. UTILITY CABINET
- EX. SIGN
- EX. MAILBOX
- FOUND IRON PIPE
- FOUND IRON ROD
- FOUND PK NAIL
- FOUND CONCRETE MONUMENT
- SET IRON ROD
- SET IRON ROD
- SET MAG NAIL
- EX. SECTION CORNER
- PROP IKE UNDO INSTALL
- PROP IKE KIOSK & FOUNDATION



ENHANCED PLAN VIEW
 SCALE: 1"=10'



NOTES

- THE EXISTING CONDITIONS ON THIS PLAN WERE TAKEN FROM AN ACTUAL FIELD SURVEY BY A LAND SURVEYOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE OWNER AND ENGINEER BEFORE CONSTRUCTION HAS COMMENCED. THE CONTRACTOR SHALL PRESERVE AND PROTECT PUBLIC UTILITIES AT ALL TIMES DURING THE CONSTRUCTION. ANY DAMAGE TO UTILITIES RESULTING FROM CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT THEIR EXPENSE.
- DIMENSIONS ARE PROVIDED FOR GENERAL REFERENCE ONLY. DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION STAKING.
- ONCE THE FOUNDATION HAS BEEN LOCATED, THE CONTRACTOR SHALL SPOT-PAIN THE FOUR CORNERS OF THE FOUNDATION ON THE GROUND SURFACE FOR REVIEW BY THE OWNER'S REPRESENTATIVE.
- EXISTING ROW LOCATIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY RIGHT OF WAY LIMITS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION AND NOTIFY THE OWNER AND ENGINEER OF ANY CONFLICTS.
- ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTABILIZED PER THE PLANS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO KEEP DRAINAGE AND SILT FROM WASHING ONTO ADJACENT PROPERTY OR CROSSING ADJACENT STREETS. CONTRACTOR SHALL IMMEDIATELY REMOVE SILT/DEBRIS THAT WASHES OFF-SITE OR INTO EXISTING STORM DRAIN SYSTEMS.
- THE CONTRACTOR SHALL INSTALL CONDUIT PER LAYOUT AND PER CITY GUIDELINES AT A TRENCH WIDTH THEY SEE FIT.
- THE CONTRACTOR SHALL REPLACE THE EXISTING SIDEWALK SHOWN ON THE PLANS TO PRE-EXISTING GRADE. THE REPLACEMENT SIDEWALK SHALL BE 5" THICK CONCRETE. IT SHALL BE MADE TO MATCH SHADE AND TEXTURE OF EXISTING CONCRETE, UNLESS OTHERWISE NOTED.

ADA NOTES

- ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- PROPOSED CLEAR FLOOR OR GROUND SPACE IN FRONT OF THE PROPOSED KIOSK SHALL BE SLOPED A MAX OF 1.50% (+/-0.50%) IN ALL DIRECTIONS AWAY FROM THE KIOSK.
- THE MINIMUM WHEELCHAIR PASSAGE WIDTH OR CLEAR SPACE WIDTH FOR SINGLE WHEELCHAIR PASSAGE SHALL BE 32" AT A POINT AND 36" CONTINUOUSLY PER PROWAG 2011 STANDARD (SEE <http://www.fhwa.gov/ohrt/ohrt/ada/STREETS-SIDEWALKS/PUBLIC-RIGHTS-OF-WAY/>).
- THE MINIMUM CLEAR FLOOR OR GROUND SPACE IN FRONT OF THE PROPOSED KIOSK REQUIRED FOR WHEELCHAIR ACCESS SHALL BE 48" MINIMUM CLEAR FLOOR OR GROUND SPACE FOR PARALLEL APPROACH; CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS SHALL BE CENTERED ON THE ELEMENT IT SERVES AND MAY BE PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS.

IKE KIOSK NOTES

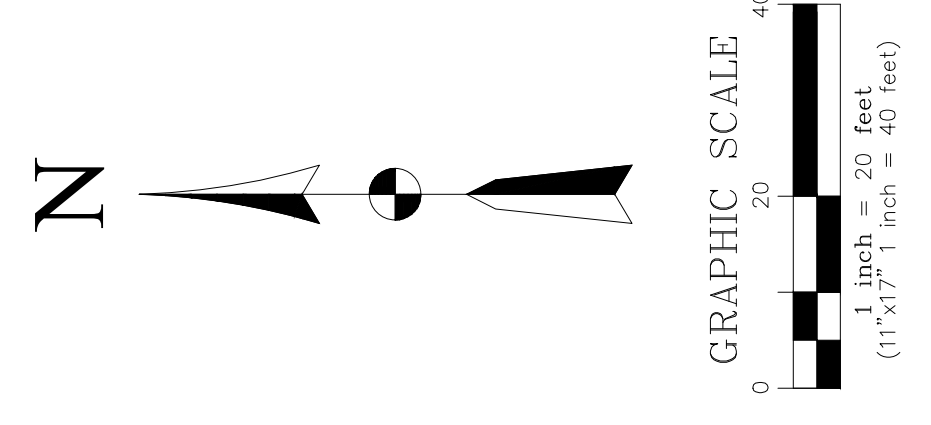
- INITIAL OPERATION FOR THE KIOSK WILL HAVE 4G LTE CONNECTION TO THE INTERNET.
- THE CONTRACTOR SHALL FIELD VERIFY WHETHER EMPTY CONDUIT BETWEEN THE IKE KIOSK AND THE INTERNET SERVICE PROVIDER (ISP) IS AVAILABLE FOR INSTALLATION. IF THE EMPTY CONDUIT IS NOT AVAILABLE, THE CONTRACTOR SHALL INSTALL THE CONDUIT AS SHOWN ON THE SITE PLAN. THE LOCATION OF THE CONDUIT CAN BE ADJUSTED WITH THE APPROVAL OF THE ELECTRICAL ENGINEER.

CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



Know what's below.
 Call before you dig.



September 30, 2021
 CONTRACTOR / AS-BUILT

ISSUED FOR:

DATE:

REV.

SITE NAME:
 CADILLAC SQUARE
 DET-004

JOB: 1035-21-1617

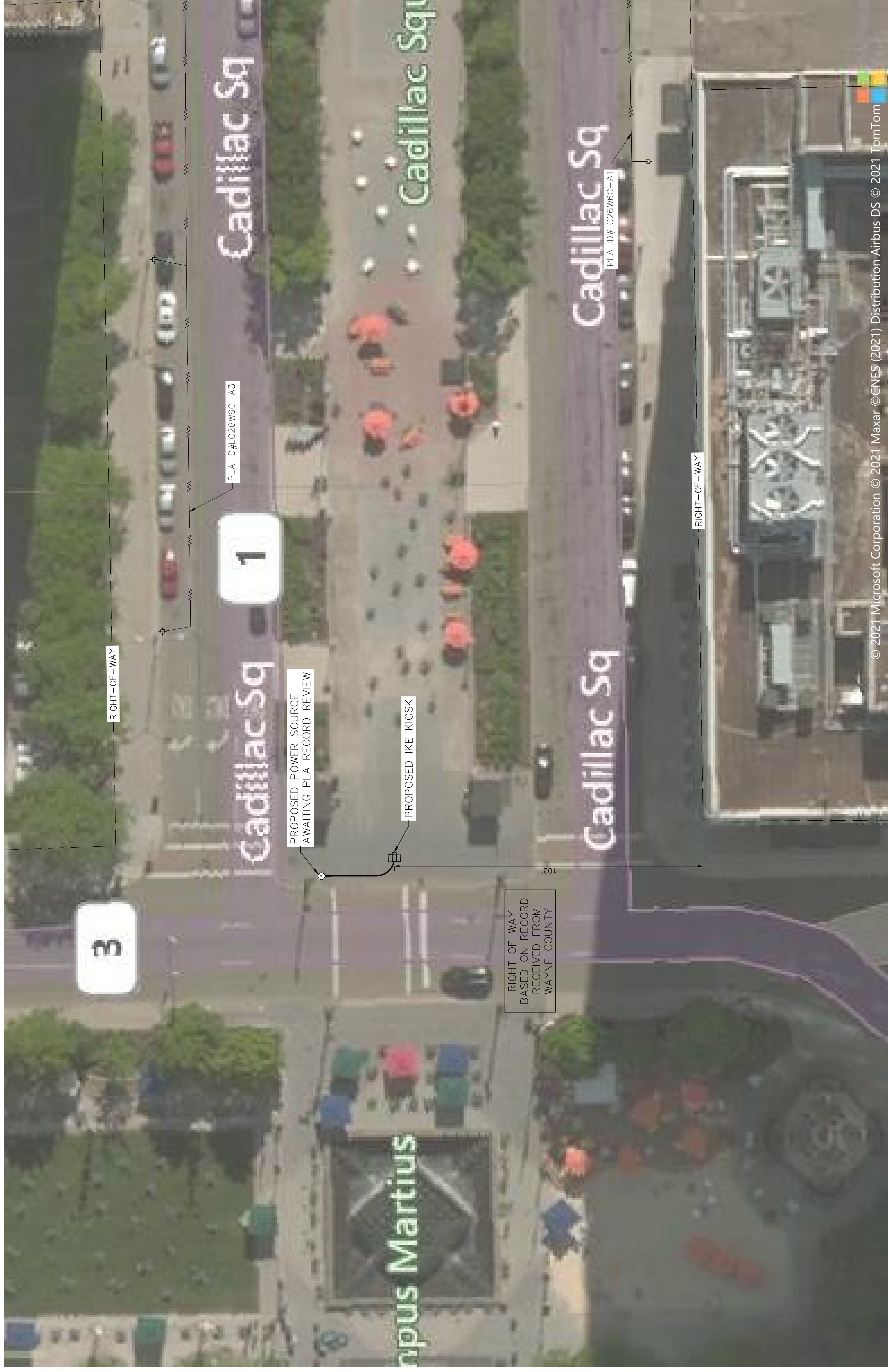
DRAW DATE: 09/27/21

PLOT DATE: 09/30/21

DRAWN BY: JRG

TITLE: COVER

SHEET: 01 OF 01



© 2021 Microsoft Corporation © 2021 Maxar ©GNES (2021) Distribution Airbus DS © 2021 TomTom

CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

September 30, 2021
 CONTRACTOR / AS-BUILT

ISSUED FOR:	
DATE:	
REV.	

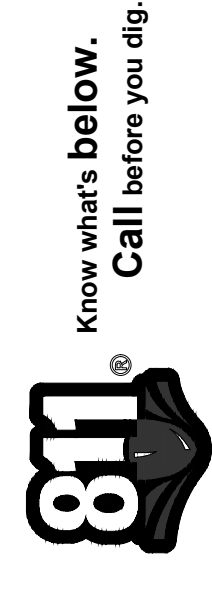
SITE NAME:
**WOODWARD & E. CONGRESS ST.
 DET-005**

JOB:	1035-21-1618
DRAW DATE:	09/27/21
PLOT DATE:	09/30/21
DRAWN BY:	JRG
TITLE:	COVER
SHEET:	01 OF 01



CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



October 1, 2021

CONTRACTOR/AS-BUILT

ISSUED FOR:

DATE:

REV.

SITE NAME:
**RUSSEL & WINDER ST.
 DET-007**

JOB: 1035-21-1622

DRAW DATE: 09/27/21

PLOT DATE: 10/1/21

DRAWN BY: JRG

TITLE: COVER

SHEET: 01 OF 01



CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

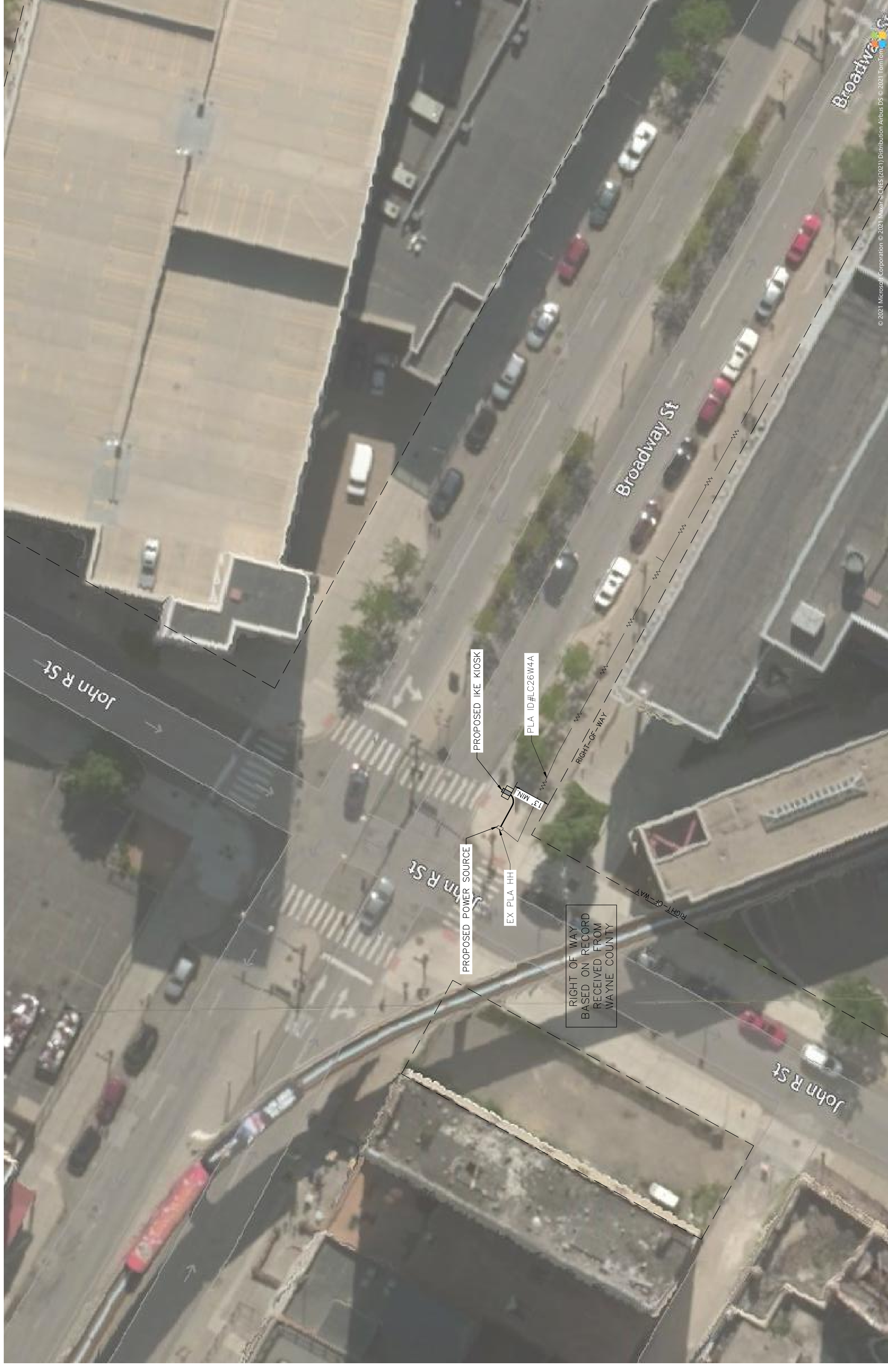
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



Know what's below.
 Call before you dig.

ISSUED FOR:	
DATE:	
REV.	

JOB:	1035-21-1596
DRAW DATE:	09/27/21
PLOT DATE:	09/30/21
DRAWN BY:	JRG
TITLE:	COVER
SHEET:	01 OF 01



CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



Know what's below.
 Call before you dig.

October 1, 2021

CONTRACTOR / AS-BUILT

ISSUED FOR:

DATE:

REV.

SITE NAME:
LIVERNOSIS & OUTER DR. W.
DET-013

JOB: 1035-21-1625

DRAW DATE: 09/27/21

PLOT DATE: 10/1/21

DRAWN BY: JRG

TITLE: COVER

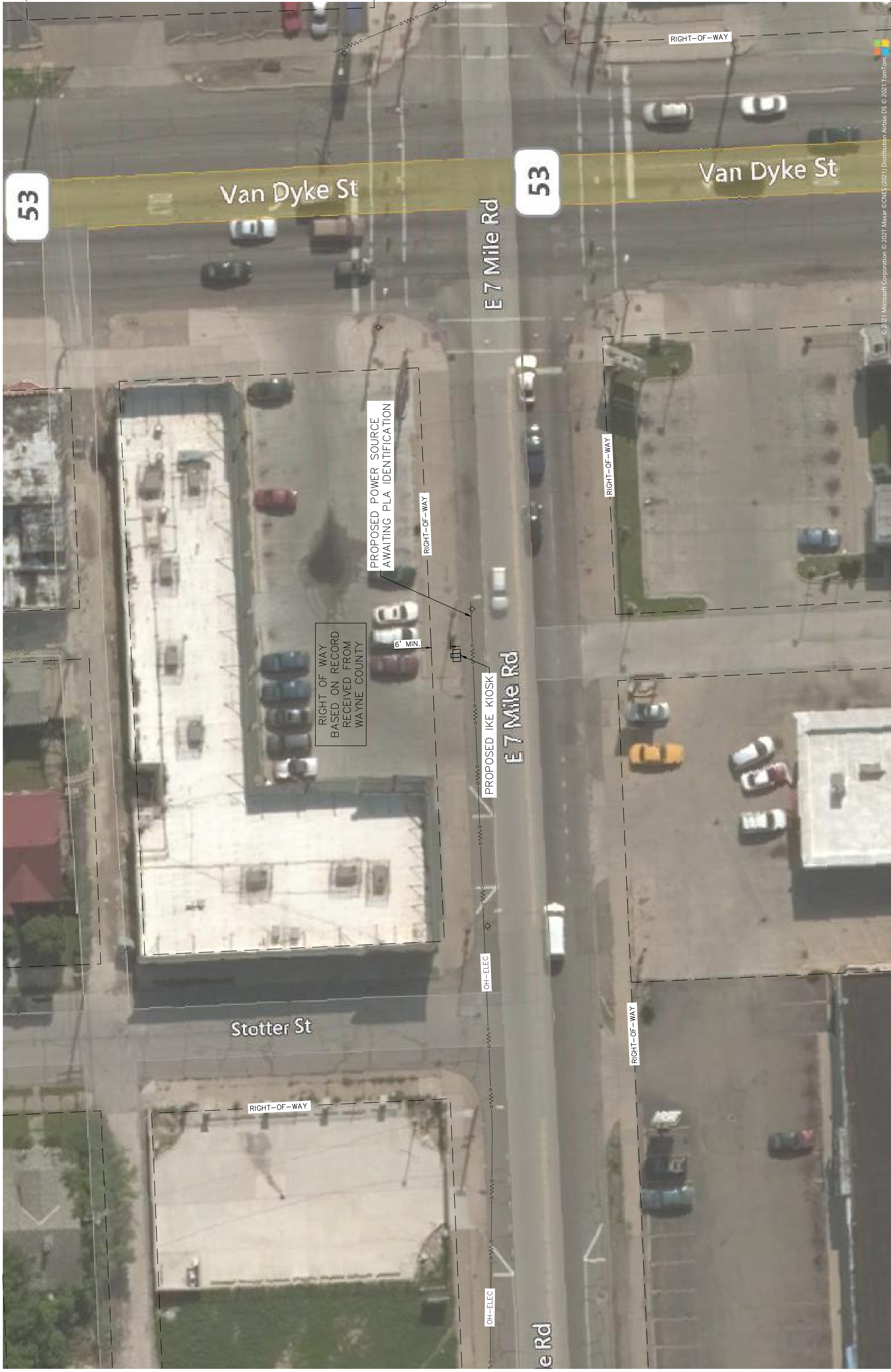
SHEET: 01 OF 01



CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.





© 2021 Microsoft Corporation © 2021 Maxar © CNES (2021) Distributed by Airbus DS © 2021 TerraTom

ike SMART CITY
 250 N HARTFORD AVE
 COLUMBUS, OHIO 43222
 PHONE: 614.589.0087

METRO ENGINEERING SOLUTIONS
 33900 SCHOOLCRAFT RD
 LIVONIA, MICHIGAN 48150
 PHONE: 734.483.1427 FAX: 734.483.3431
 www.metroes.net

October 1, 2021
 CONTRACTOR/AS-BUILT

ISSUED FOR:

DATE:

REV.

SITE NAME:
**SEVEN MILE & VAN DYKE
 DET-014**

JOB: 1035-21-1624

DRAW DATE: 09/27/21

PLOT DATE: 10/1/21

DRAWN BY: JRG

TITLE: COVER

SHEET: 01 OF 01

CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

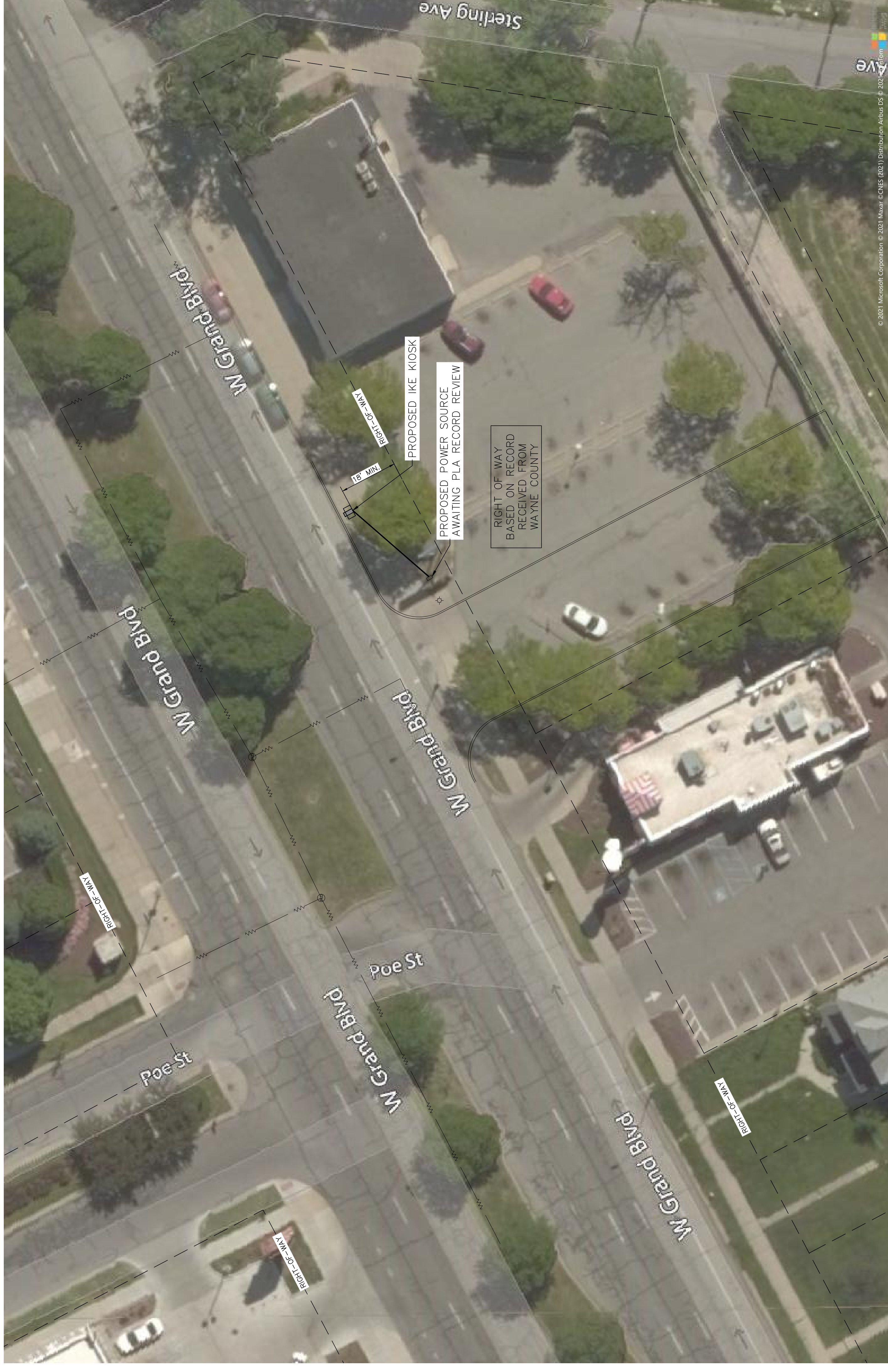


Know what's below.
 Call before you dig.

ISSUED FOR:	
DATE:	
REV.	

SITE NAME:
**W GRAND BLVD &
 MILWAUKEE AVE
 DET-015**

JOB:	1035-21-1623
DRAW DATE:	09/27/21
PLOT DATE:	10/1/21
DRAWN BY:	JRG
TITLE:	COVER
SHEET:	01 OF 01



CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.