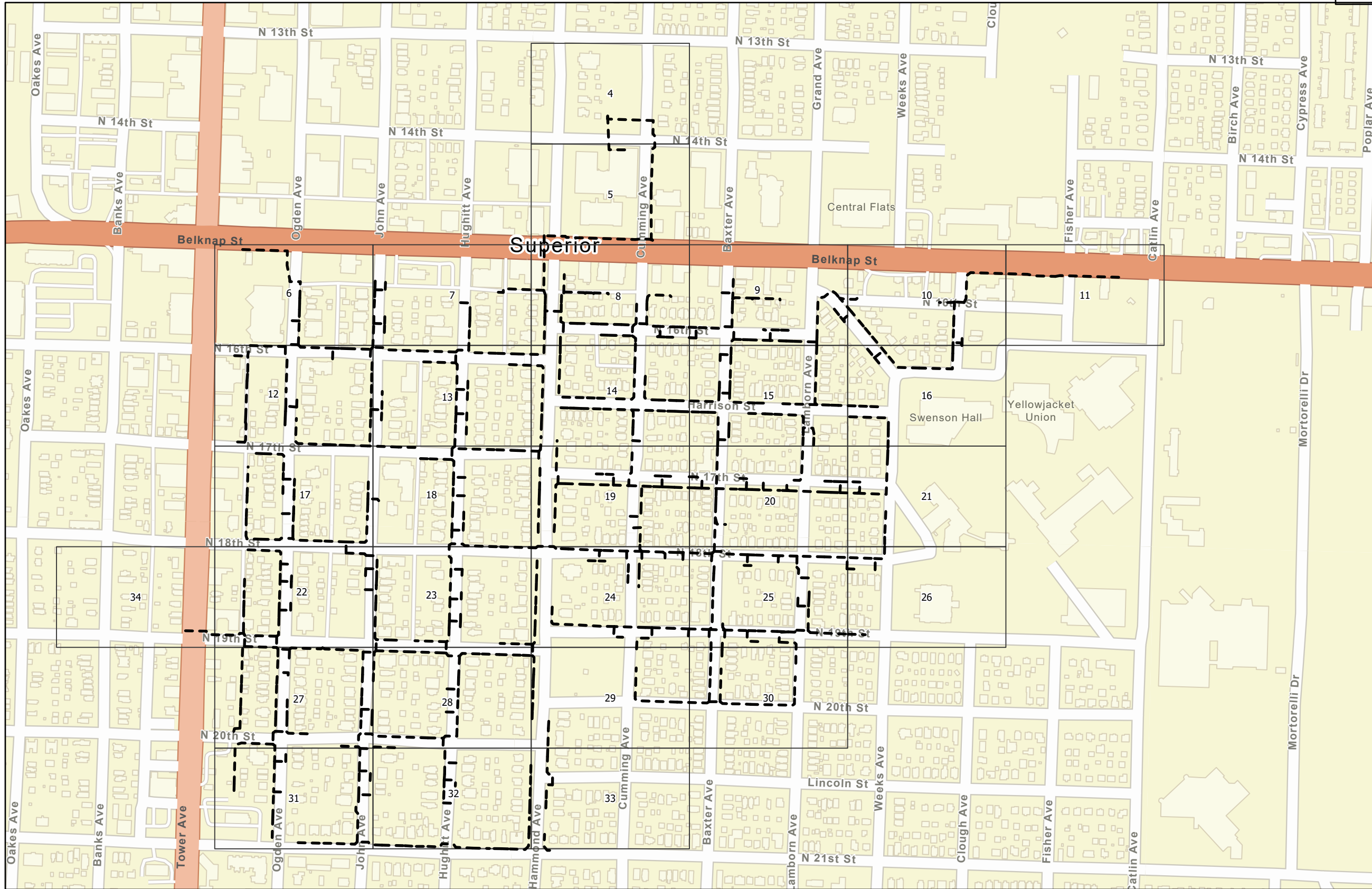
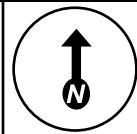


SUPERIOR, WISCONSIN DOUGLAS COUNTY



Pilot

EN COMMUNICATIONS CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

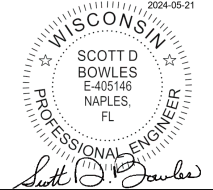
DATE: 05/21/24

ENGINEER: SM

DRAWN BY: AG

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

HORIZONTAL: 1:5,285

VERTICAL: 1:5,285

MP TO MP

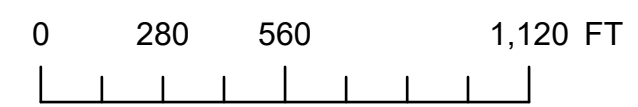
SHEET 1 OF 34

**** NOTE ****
CONDUIT SHOULD BE PLACED
IN THE PUE WHERE AVAILABLE

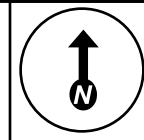
CAUTION!!!
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**** NOTE ****
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36" MINIMUM DEPTH UNLESS NOTED



SUPERIOR, WISCONSIN DOUGLAS COUNTY



Pilot

EN COMMUNICATIONS CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE

FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

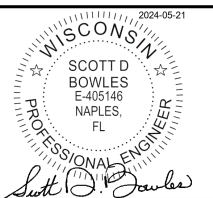
DATE: 05/21/24

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REVISIONS

DATE	DESCRIPTION	INITIAL
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FDH Cabinet



HUT

--- Conduit

--- Existing Conduit

Structure

12x12

17x30

24x36

30x48

60x36

Existing HH

• <all other values>

Existing Structure

Custom

Existing DV

Existing HH

Areas

FDH

NAP

HUT

Permit

Field

MDU

--- Street Centerline

Parcels

City Boundary

Superior Sanitary Sewer Collection Lines

Gravity Main

Force Main

<all other values>

Superior Storm Sewer Lines

DIAMETER

0

<Null>

4

5

6

8

10

12

14

15

18

20

21

24

25

27

28

30

33

35

36

37

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48

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54

57

60

66

72

84

114

122

126

168

<all other values>

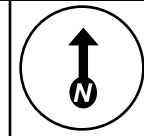
**** NOTE ****
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Pilot

EN COMMUNICATIONS

CONSTRUCTION MAP

TITLE: CONSTRUCTION NOTES

FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

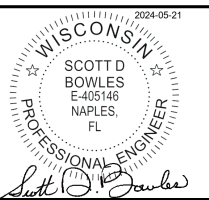
DATE: 05/21/24

ENGINEER: SM

DRAWN BY: AG

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

HORIZONTAL:

VERTICAL:

SHEET 3 OF 34

Construction Notes

Refer to Construction Standards and Typicals documents.

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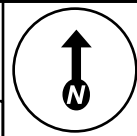
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet:

To Sheet:



Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

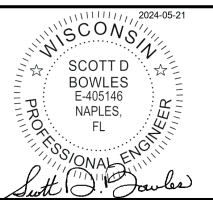
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 4 OF 34

To Sheet:

To Sheet: 5

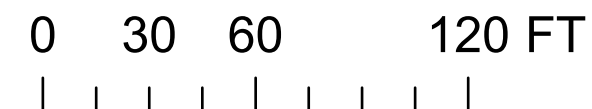
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**** NOTE ****
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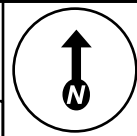
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet: 4

To Sheet:



To Sheet:

To Sheet:

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

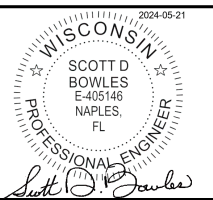
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 5 OF 34

To Sheet: 7

To Sheet: 8

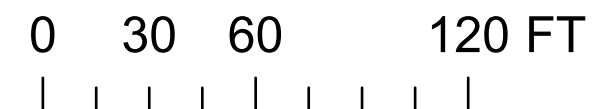
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**** NOTE ****
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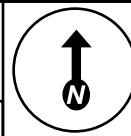
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet:

To Sheet:



To Sheet:

To Sheet: 7

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

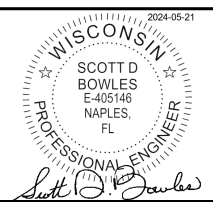
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

HORIZONTAL:	1:650
VERTICAL:	1:650
MP	TO MP
SHEET 6	OF 34

To Sheet:

To Sheet: 12

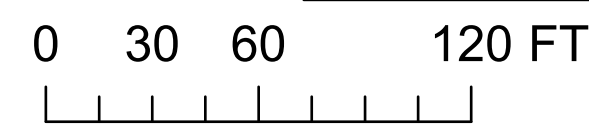
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**** NOTE ****
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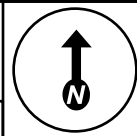
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet:

To Sheet: 5

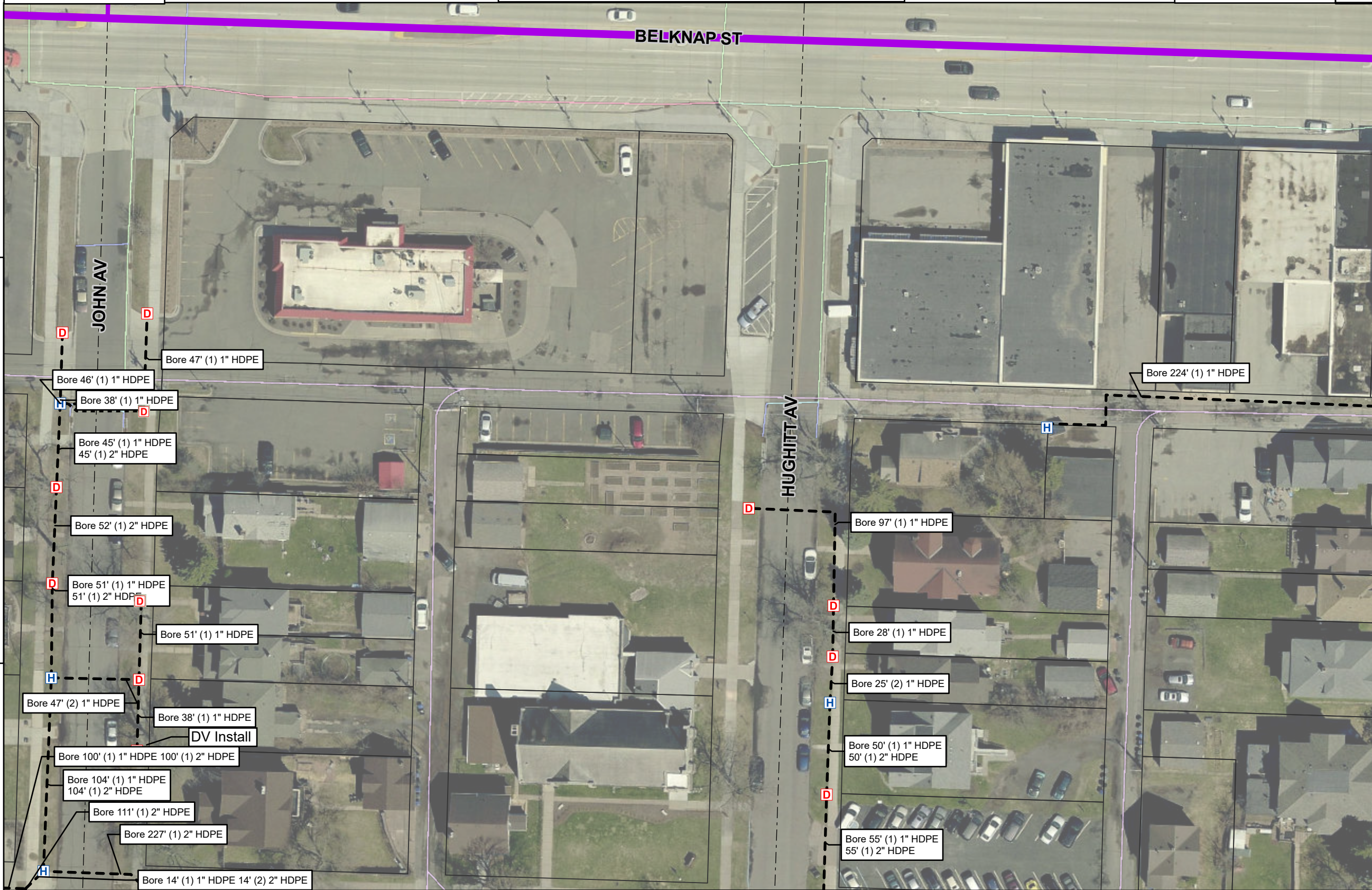
BELKNAP ST

JOHN AV

HUGHITT AV

To Sheet: 6

To Sheet: 8



Pilot

EN COMMUNICATIONS

CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE

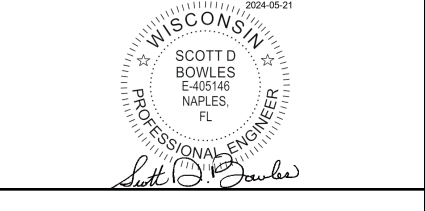
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS		
DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

HORIZONTAL:	1:650
VERTICAL:	1:650
MP	TO MP
SHEET 7	OF 34

To Sheet: 12

To Sheet: 13

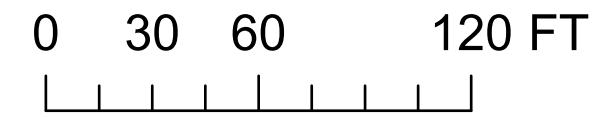
To Sheet: 14

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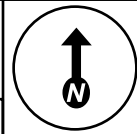
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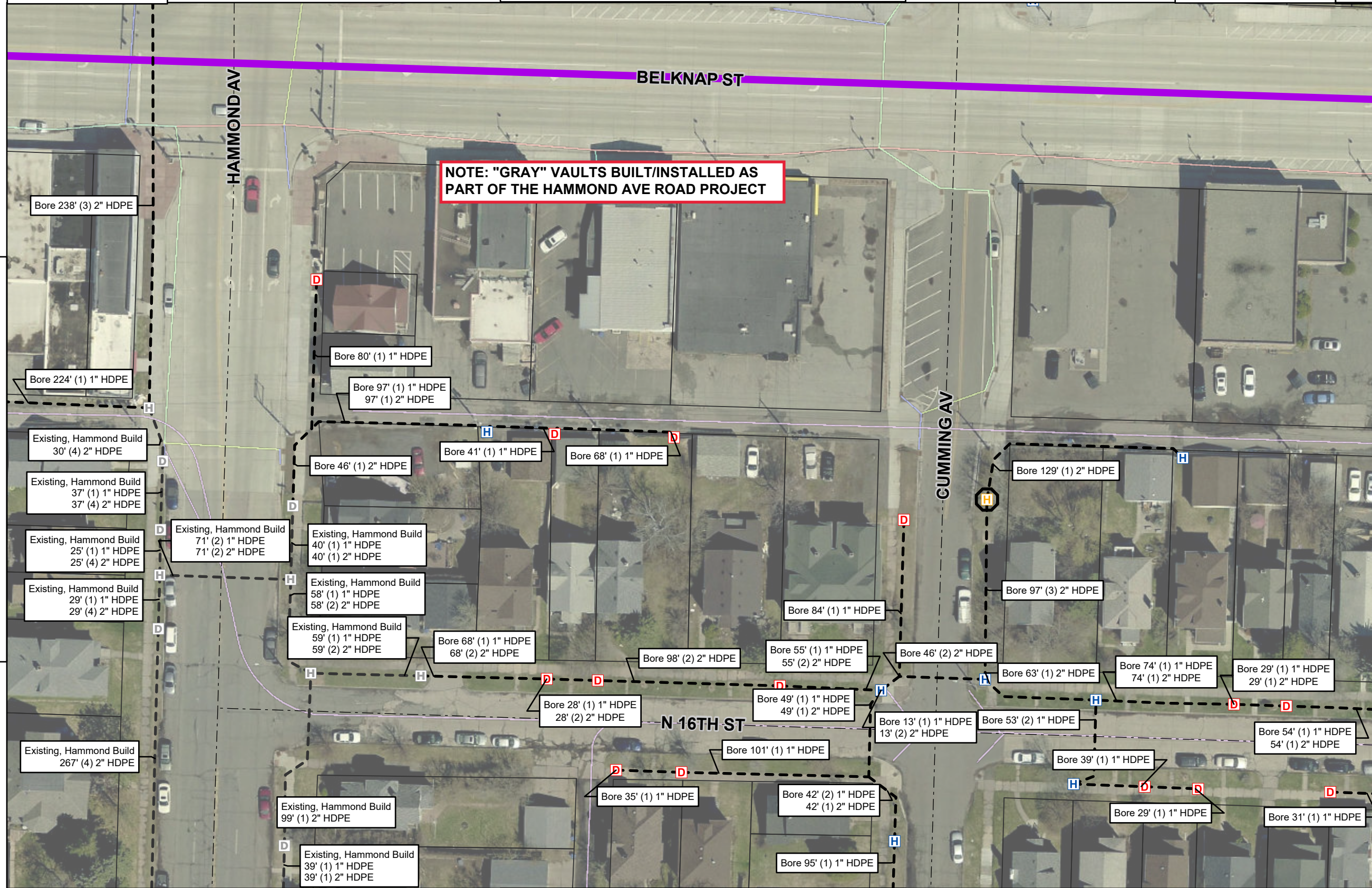
SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet: 5

To Sheet:



NOTE: "GRAY" VAULTS BUILT/INSTALLED AS PART OF THE HAMMOND AVE ROAD PROJECT

To Sheet: 7

To Sheet: 9

To Sheet: 13

To Sheet: 14

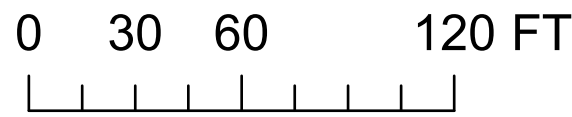
To Sheet: 15

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Pilot

EN COMMUNICATIONS

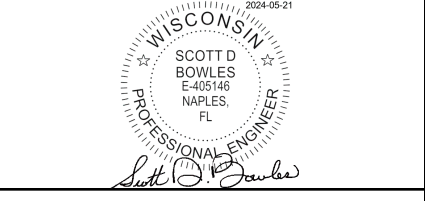
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE

FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

DATE: 05/21/24
ENGINEER: JD
DRAWN BY: SM

REVISIONS		
DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW

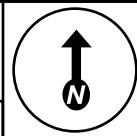


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SCALE	
HORIZONTAL:	1:650
VERTICAL:	1:650
MP	TO MP
SHEET 8	OF 34

SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 5

To Sheet:

To Sheet:



To Sheet: 8

To Sheet: 10

To Sheet: 14

To Sheet: 15

To Sheet: 16

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
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CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

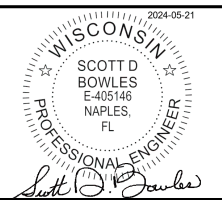
DATE: 05/21/24

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REVISIONS

DATE	DESCRIPTION	INITIAL
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SCALE

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VERTICAL: 1:650

MP TO MP

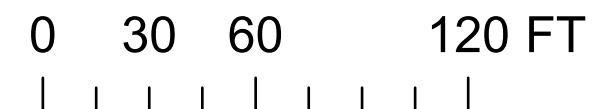
SHEET 9 OF 34

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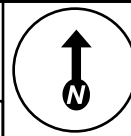
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet:

To Sheet:



To Sheet: 9

To Sheet: 11

To Sheet: 15

To Sheet: 16

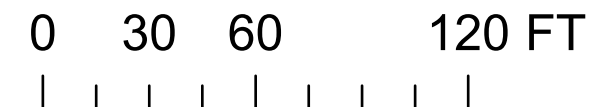
To Sheet:

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Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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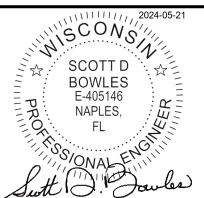
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

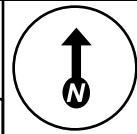
HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 10 OF 34

SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet:

To Sheet:



To Sheet: 10

To Sheet:

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
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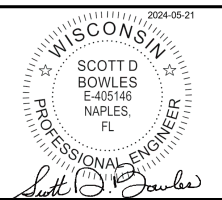
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SCALE

HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 11 OF 34

To Sheet: 16

To Sheet:

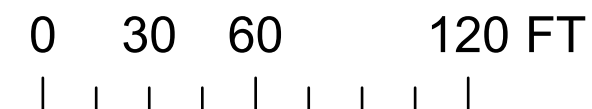
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**** NOTE ****
CONDUIT SHOULD BE PLACED
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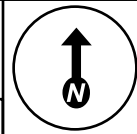
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ALL CONDUIT TO BE PLACED AT
36" MINIMUM DEPTH UNLESS NOTED



SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet: 6

To Sheet: 7

To Sheet:

To Sheet: 13

To Sheet:

To Sheet: 17

To Sheet: 18

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE

FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

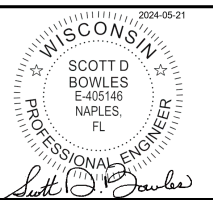
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

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VERTICAL: 1:650

MP TO MP

SHEET 12 OF 34

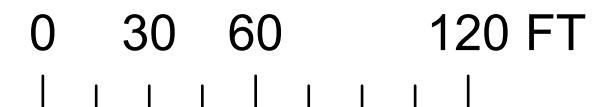


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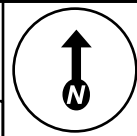
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 6

To Sheet: 7

To Sheet: 8

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
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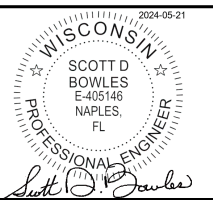
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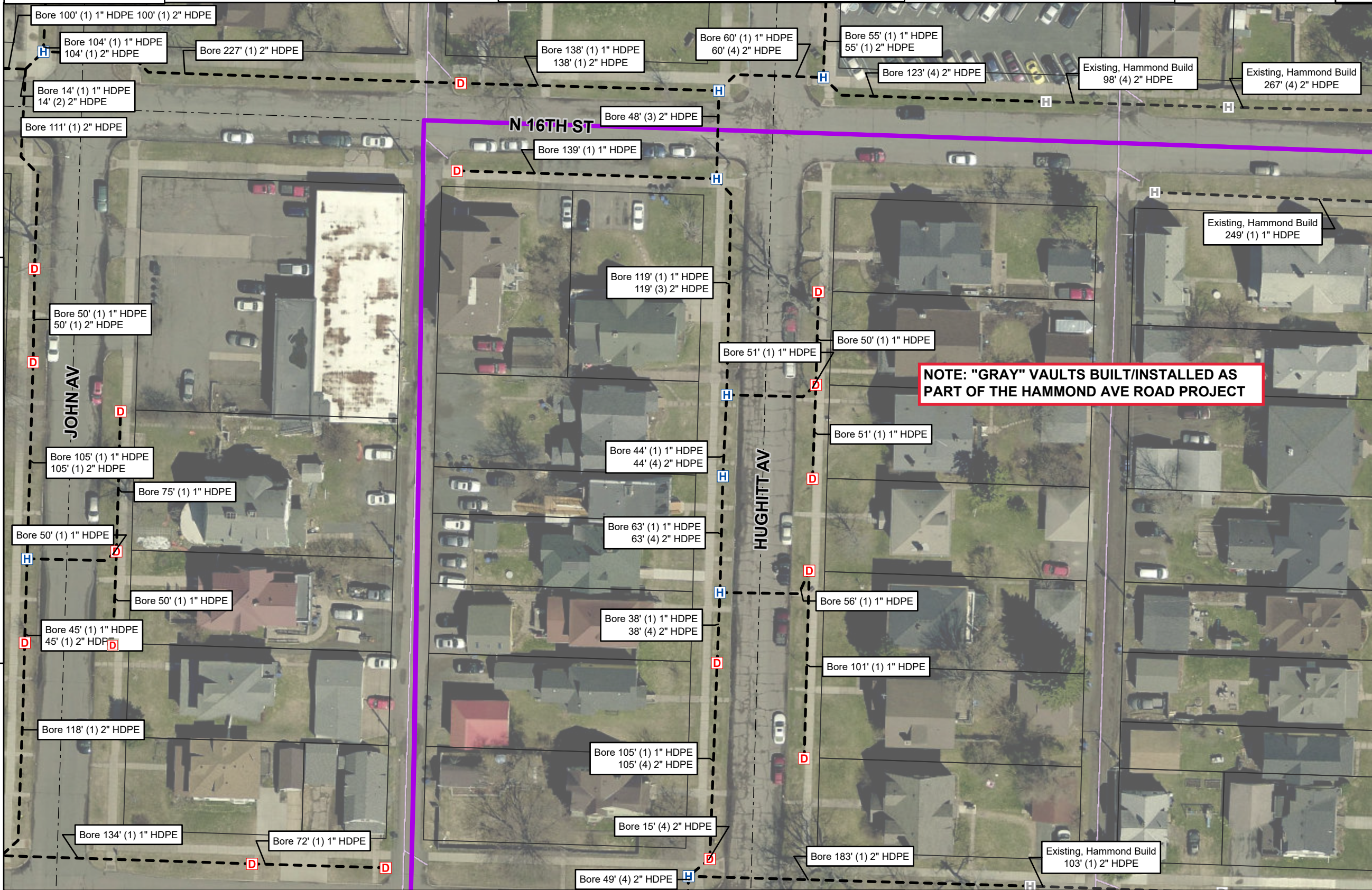
SCALE

HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 13 OF 34



To Sheet: 12

To Sheet: 14

To Sheet: 17

To Sheet: 18

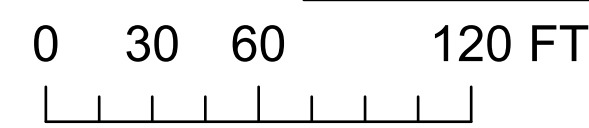
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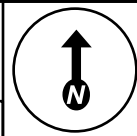
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 7

To Sheet: 8

To Sheet: 9



NOTE: "GRAY" VAULTS BUILT/INSTALLED AS PART OF THE HAMMOND AVE ROAD PROJECT

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
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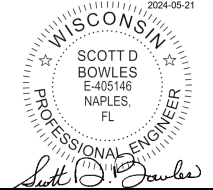
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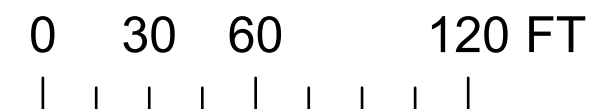
SHEET 14 OF 34

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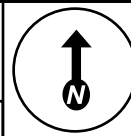
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DOUGLAS COUNTY



To Sheet: 8

To Sheet: 9

To Sheet: 10

To Sheet: 14

To Sheet: 16



Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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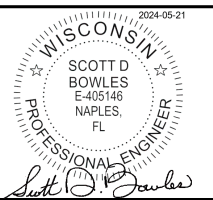
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VERTICAL: 1:650

MP TO MP

SHEET 15 OF 34

To Sheet: 19

To Sheet: 20

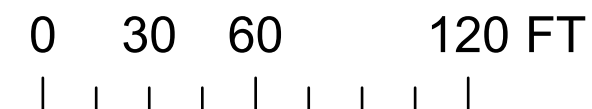
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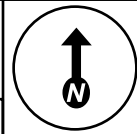
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DOUGLAS COUNTY



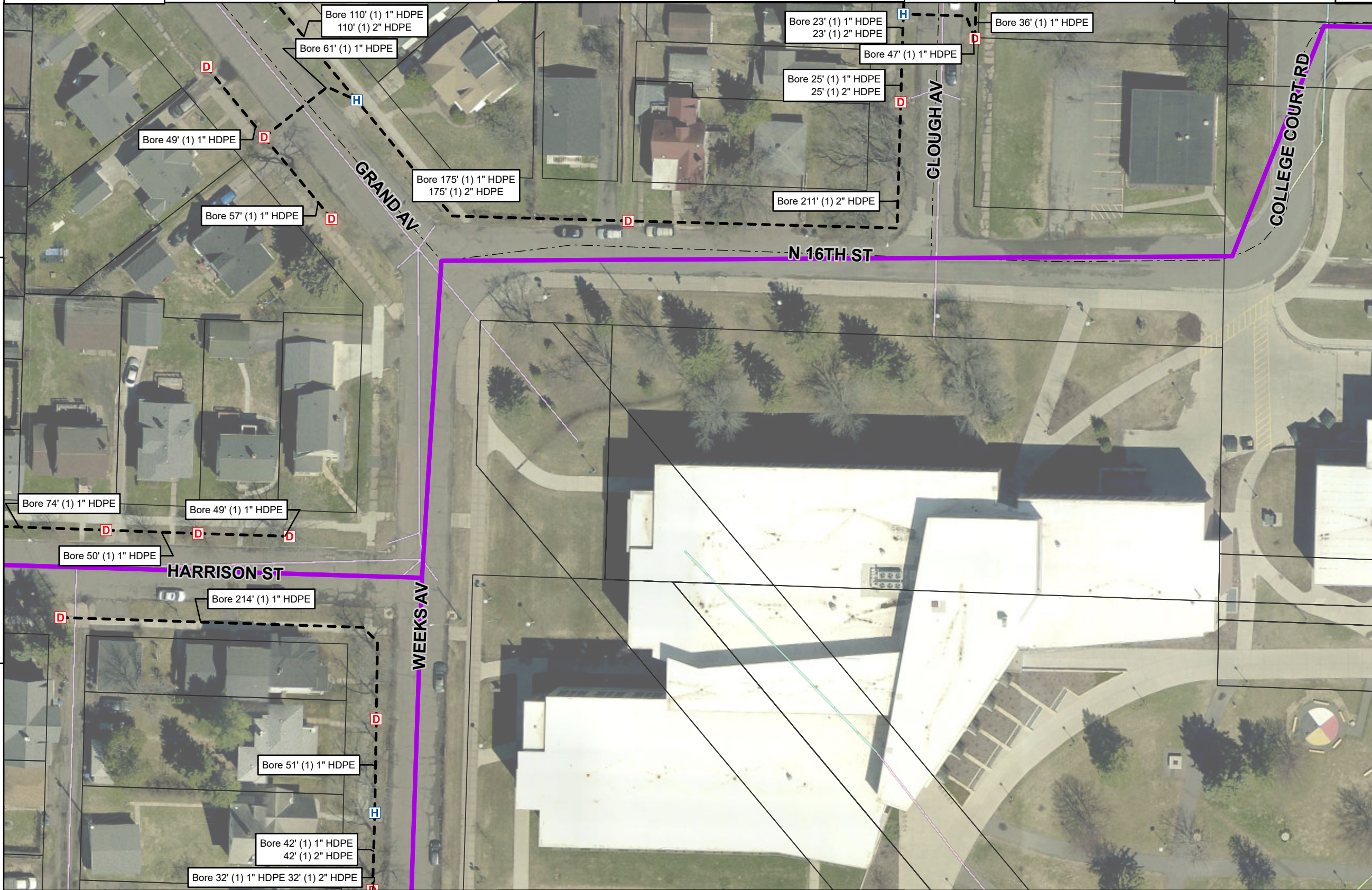
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To Sheet: 10

To Sheet: 11

To Sheet: 15

To Sheet:



To Sheet: 20

To Sheet: 21

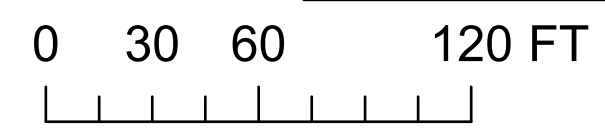
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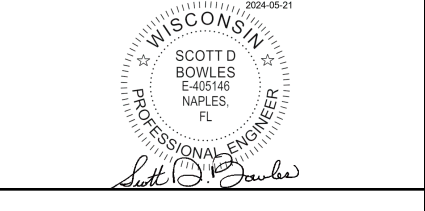
Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

DATE: 05/21/24
ENGINEER: JD
DRAWN BY: SM

REVISIONS		
DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW

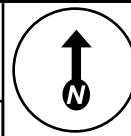


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SCALE		
HORIZONTAL:	1:650	
VERTICAL:	1:650	
MP	TO MP	
SHEET 16	OF	34

SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet: 12

To Sheet: 13



Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
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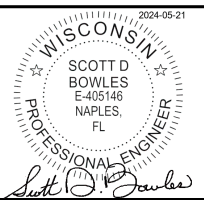
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VERTICAL: 1:650

MP TO MP

SHEET 17 OF 34

To Sheet:

To Sheet: 18

To Sheet: 34

To Sheet: 22

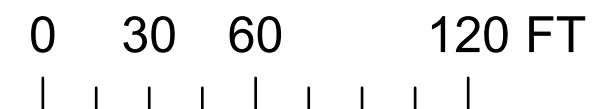
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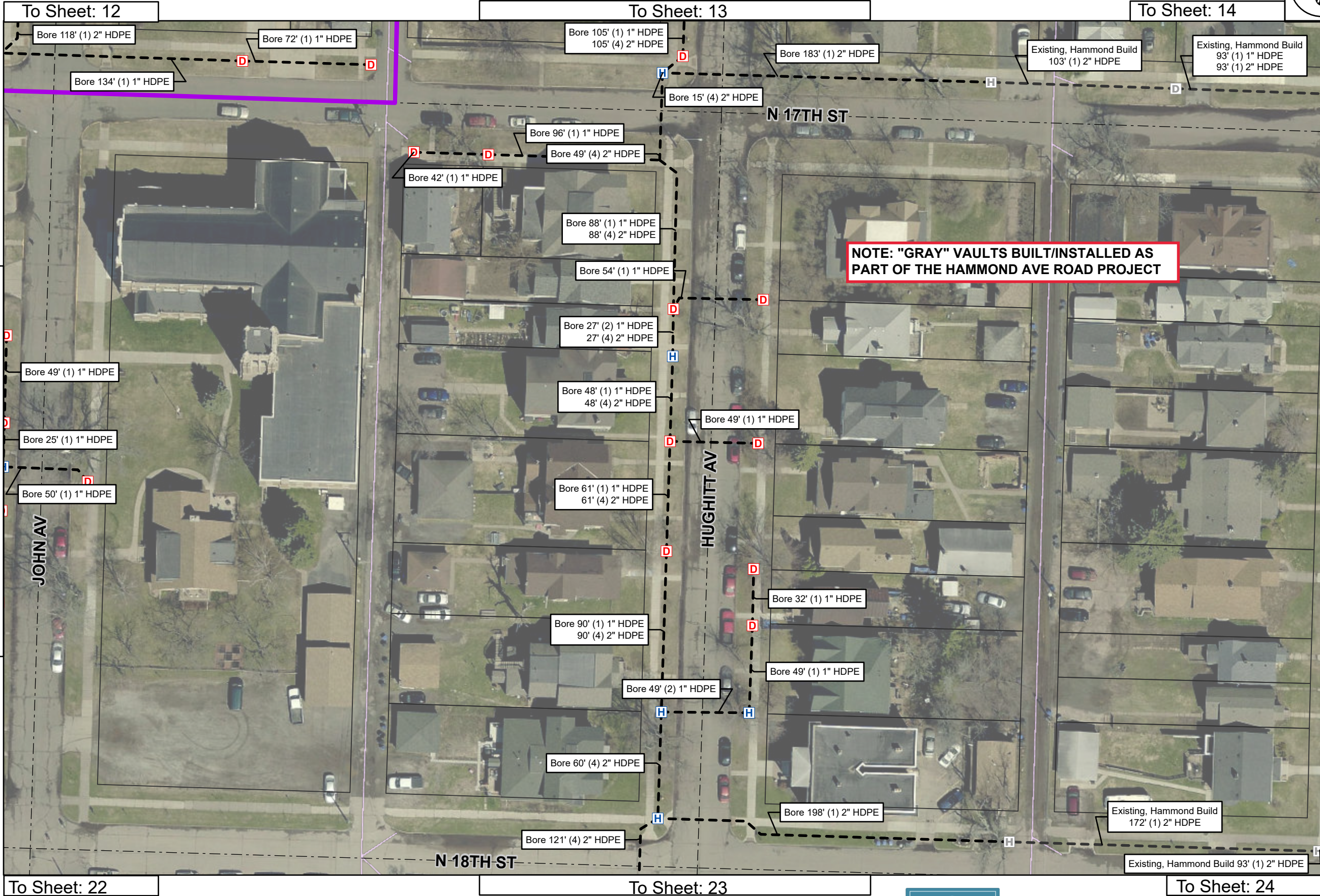
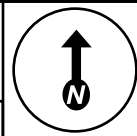
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DOUGLAS COUNTY



Pilot

EN COMMUNICATIONS
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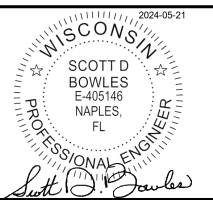
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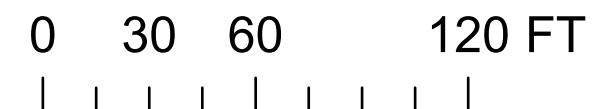
SHEET 18 OF 34

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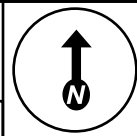
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DOUGLAS COUNTY



To Sheet: 13

To Sheet: 14

To Sheet: 15

To Sheet: 18

To Sheet: 20



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Pilot

EN COMMUNICATIONS
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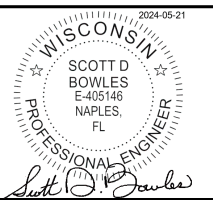
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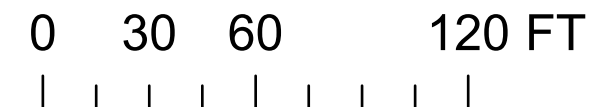
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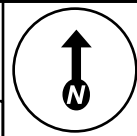
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DOUGLAS COUNTY



To Sheet: 14

To Sheet: 15

To Sheet: 16



To Sheet: 19

To Sheet: 21

To Sheet: 24

To Sheet: 25

To Sheet: 26

Pilot

EN COMMUNICATIONS
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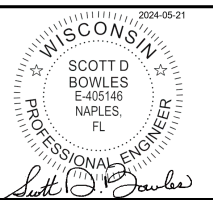
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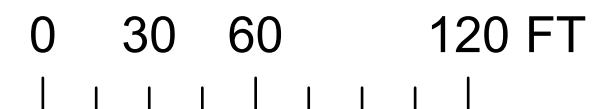
SHEET 20 OF 34

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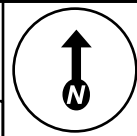
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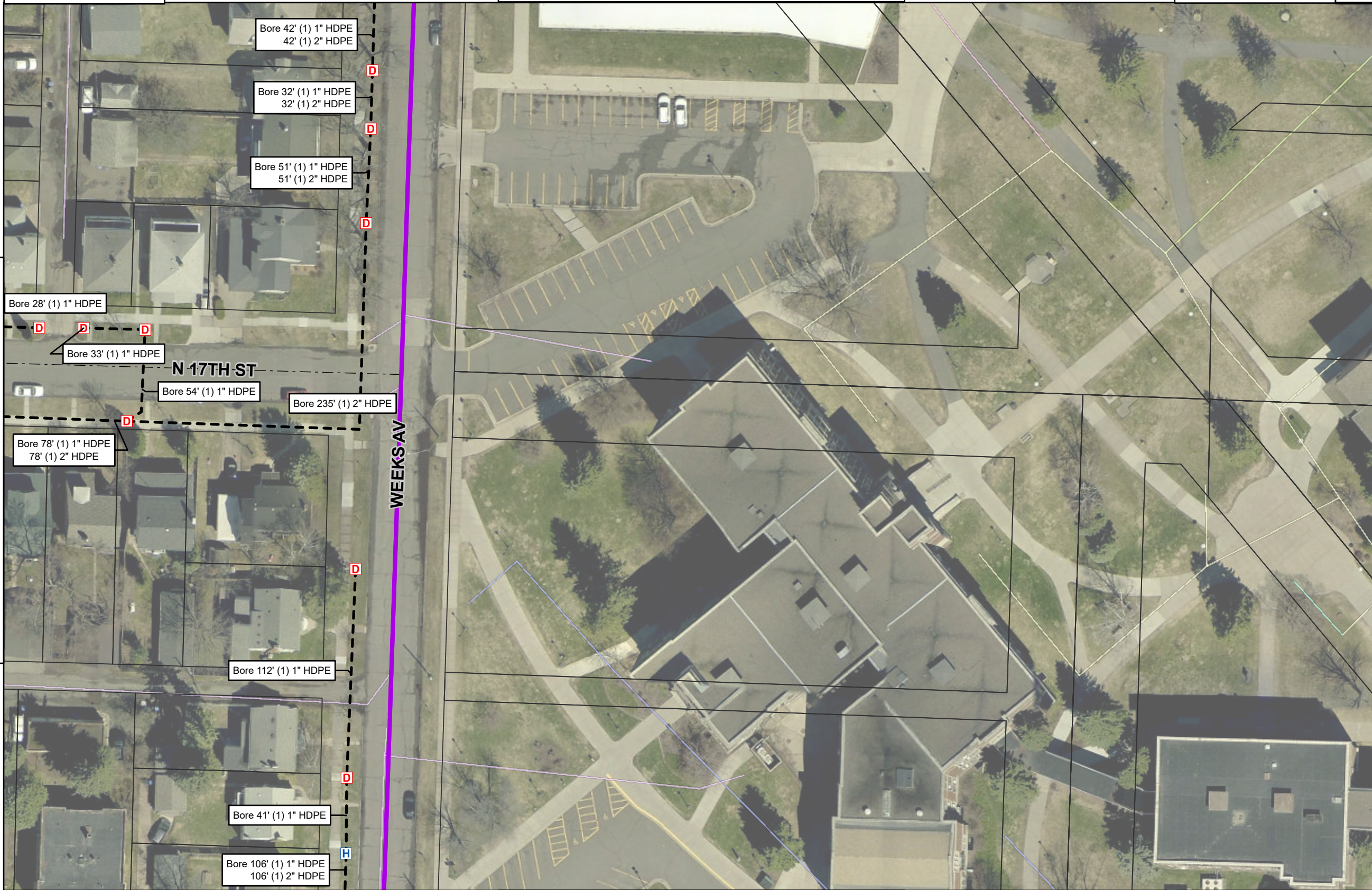
SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 15

To Sheet: 16

To Sheet:



To Sheet: 20

To Sheet:

To Sheet: 25

To Sheet: 26

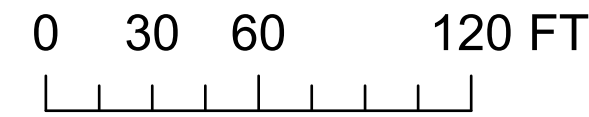
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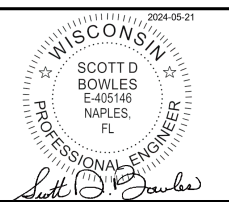
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REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



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SCALE

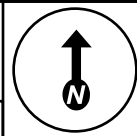
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VERTICAL: 1:650

MP TO MP

SHEET 21 OF 34

SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 17

To Sheet: 18

To Sheet: 19



Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

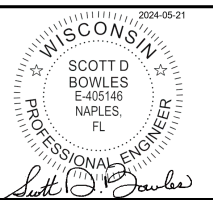
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

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SCALE

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VERTICAL: 1:650

MP TO MP

SHEET 23 OF 34

To Sheet: 22

To Sheet: 24

To Sheet: 27

To Sheet: 28

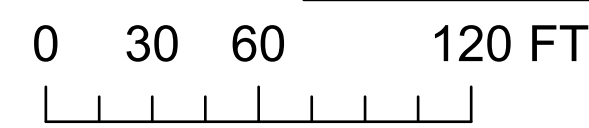
To Sheet: 29

**** NOTE ****
CONDUIT SHOULD BE PLACED
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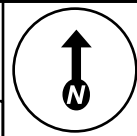
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ALL CONDUIT TO BE PLACED AT
36" MINIMUM DEPTH UNLESS NOTED



SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 18

To Sheet: 19

To Sheet: 20



NOTE: "GRAY" VAULTS BUILT/INSTALLED AS PART OF THE HAMMOND AVE ROAD PROJECT

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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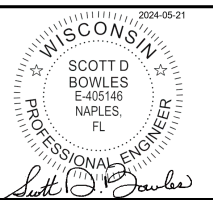
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MP TO MP

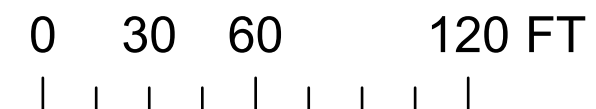
SHEET 24 OF 34

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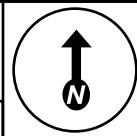
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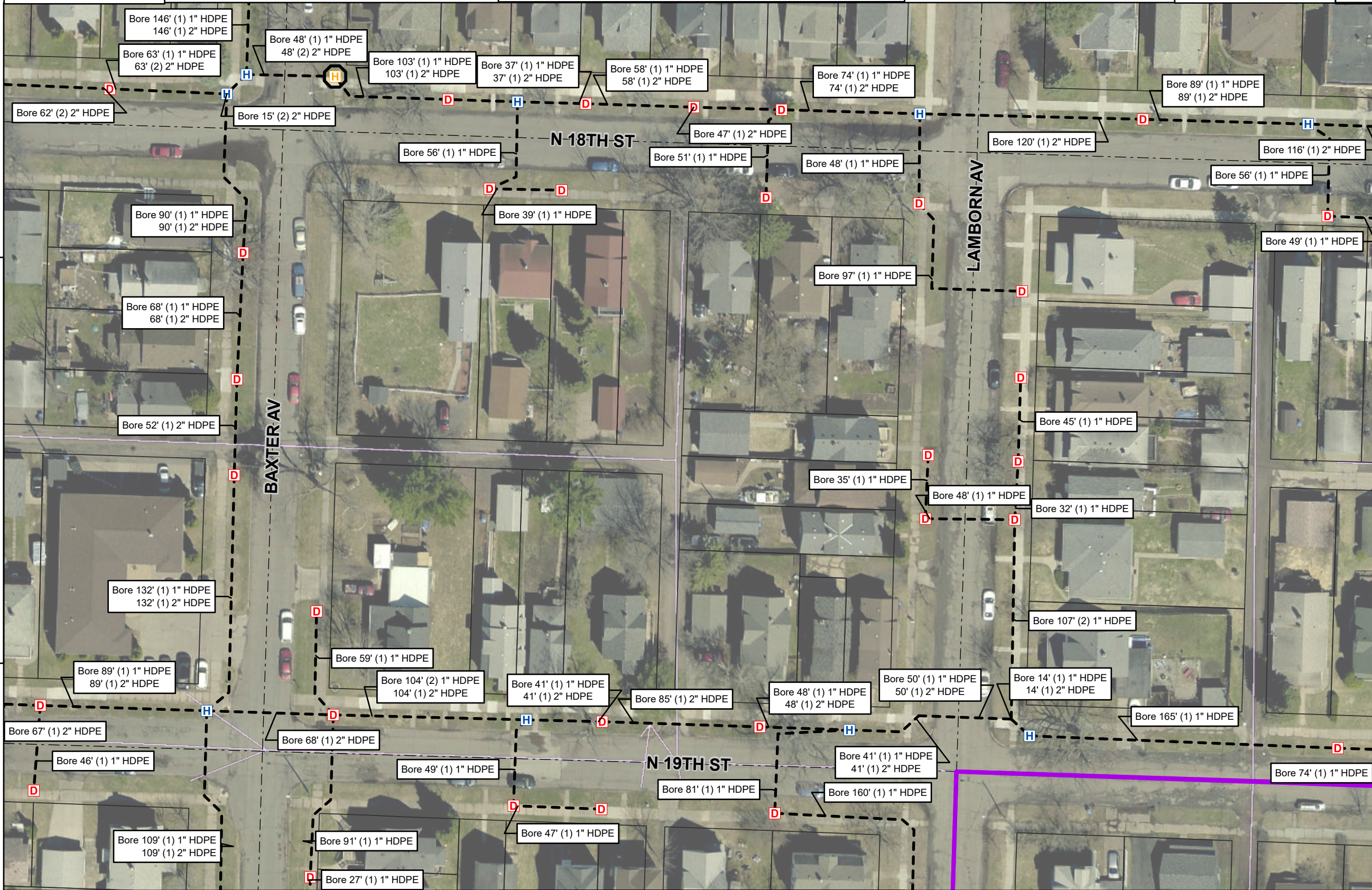
SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 19

To Sheet: 20

To Sheet: 21



To Sheet: 24

To Sheet: 26

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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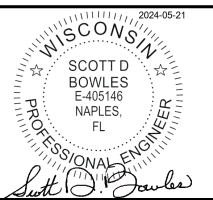
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VERTICAL: 1:650

MP TO MP

SHEET 25 OF 34

To Sheet: 29

To Sheet: 30

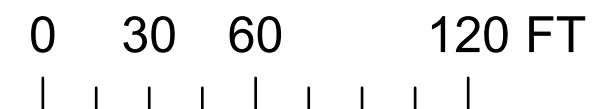
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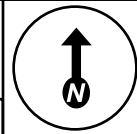
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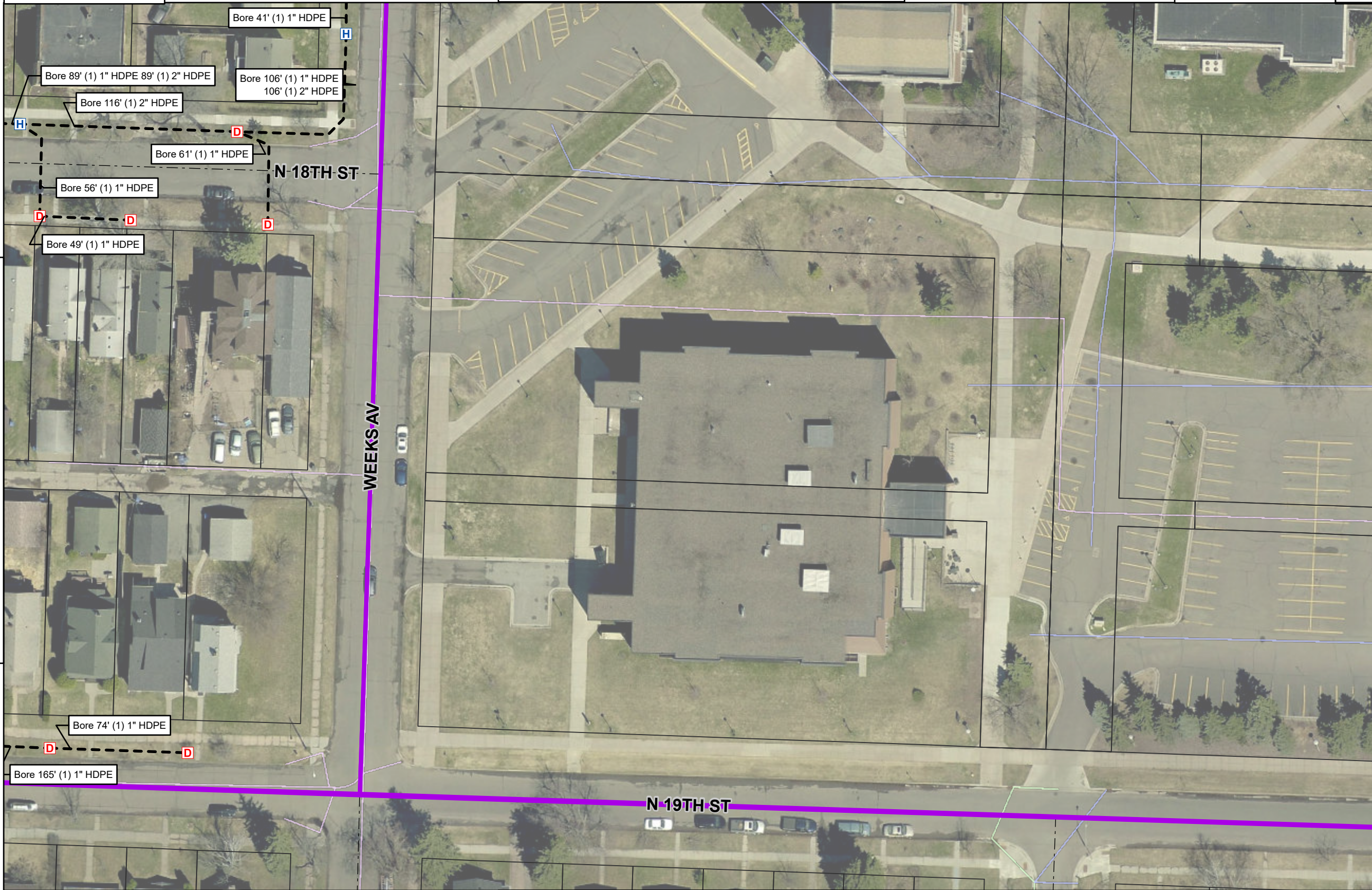
SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 20

To Sheet: 21

To Sheet:



To Sheet: 25

To Sheet:

Pilot

EN COMMUNICATIONS
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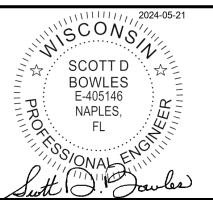
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VERTICAL: 1:650

MP TO MP

SHEET 26 OF 34

To Sheet: 30

To Sheet:

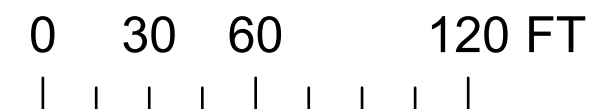
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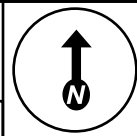
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DOUGLAS COUNTY



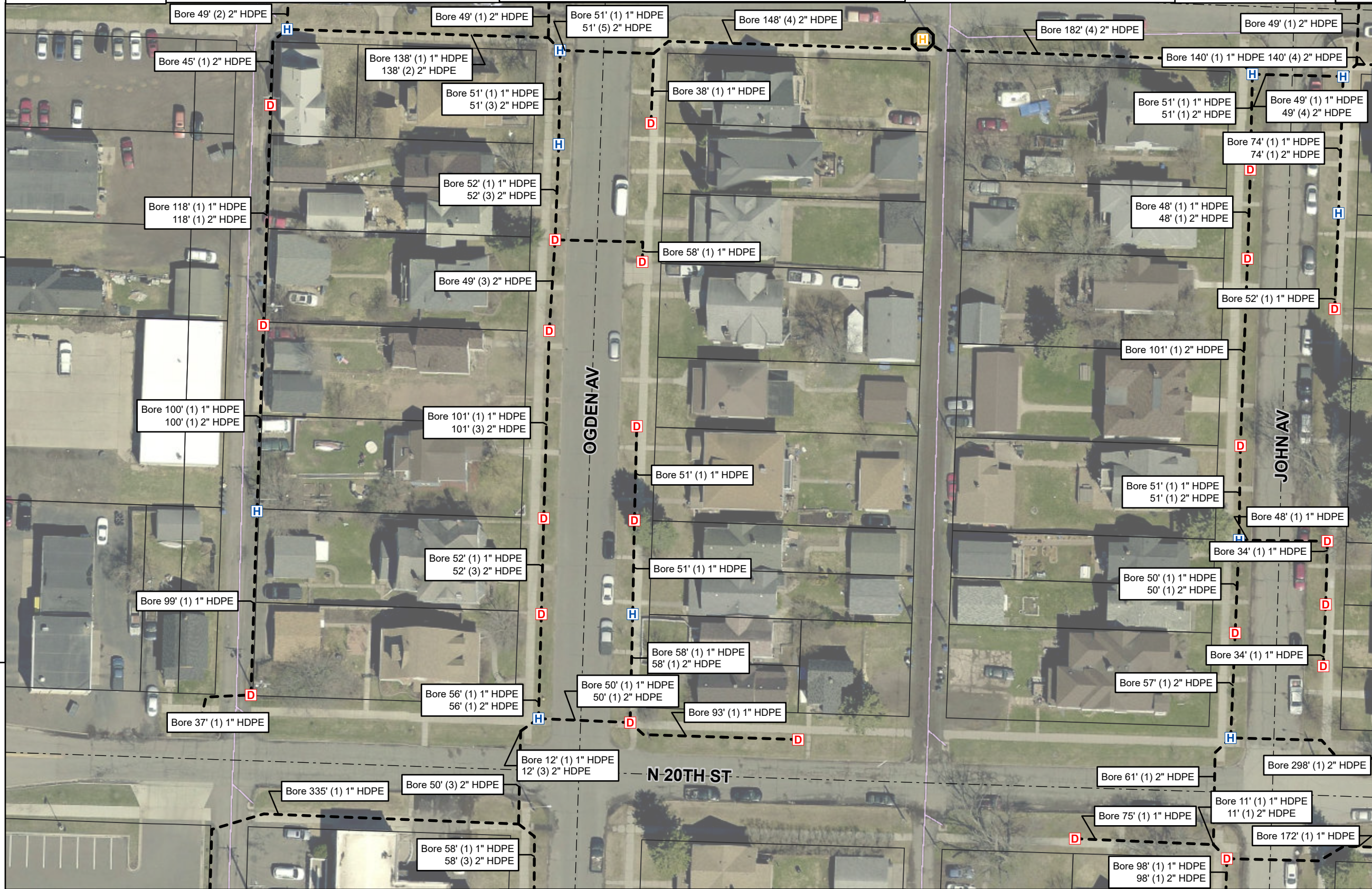
To Sheet: 34

To Sheet: 22

To Sheet: 23

To Sheet:

To Sheet: 28



Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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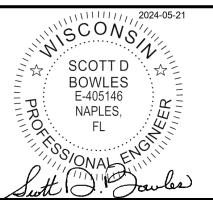
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VERTICAL: 1:650

MP TO MP

SHEET 27 OF 34

To Sheet:

To Sheet: 31

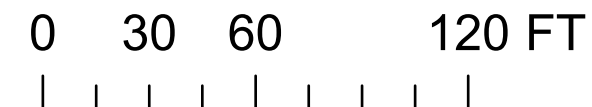
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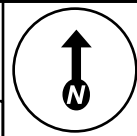
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Pilot

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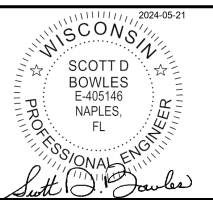
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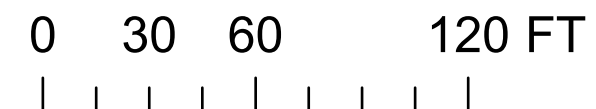
SHEET 28 OF 34

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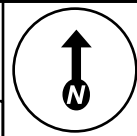
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 23

To Sheet: 24

To Sheet: 25



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Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

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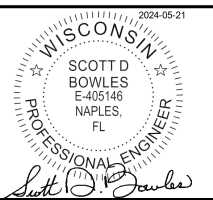
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MP TO MP

SHEET 29 OF 34

To Sheet: 28

To Sheet: 30

To Sheet: 32

To Sheet:

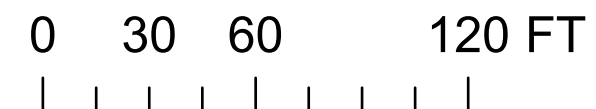
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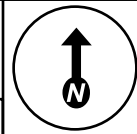
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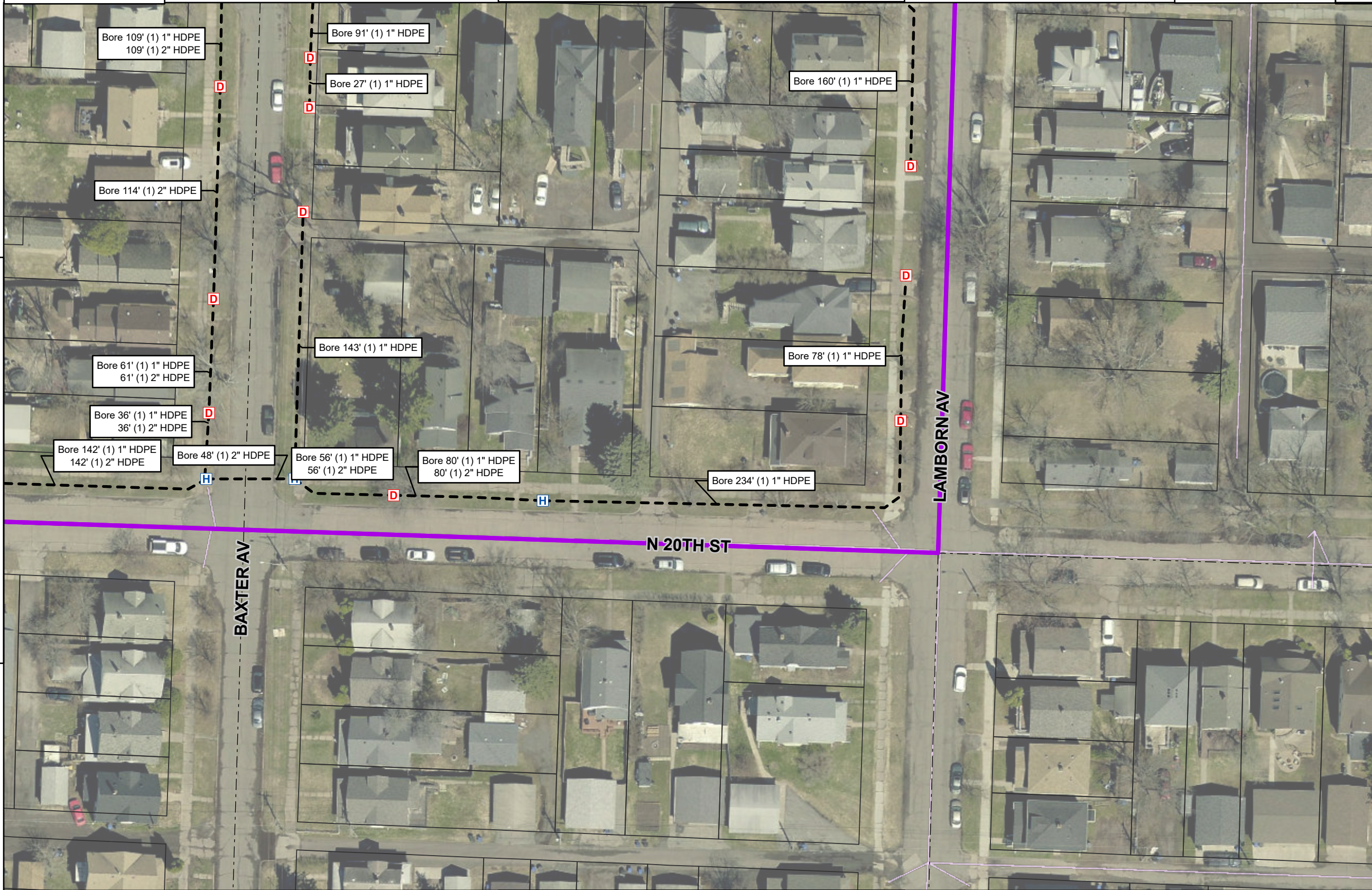
SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 24

To Sheet: 25

To Sheet: 26



To Sheet: 29

To Sheet:

Pilot

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CONSTRUCTION MAP

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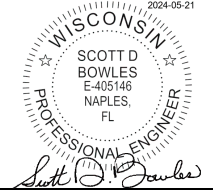
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MP TO MP

SHEET 30 OF 34

To Sheet:

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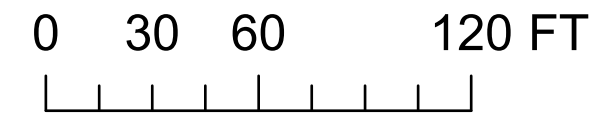
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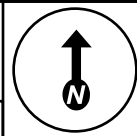
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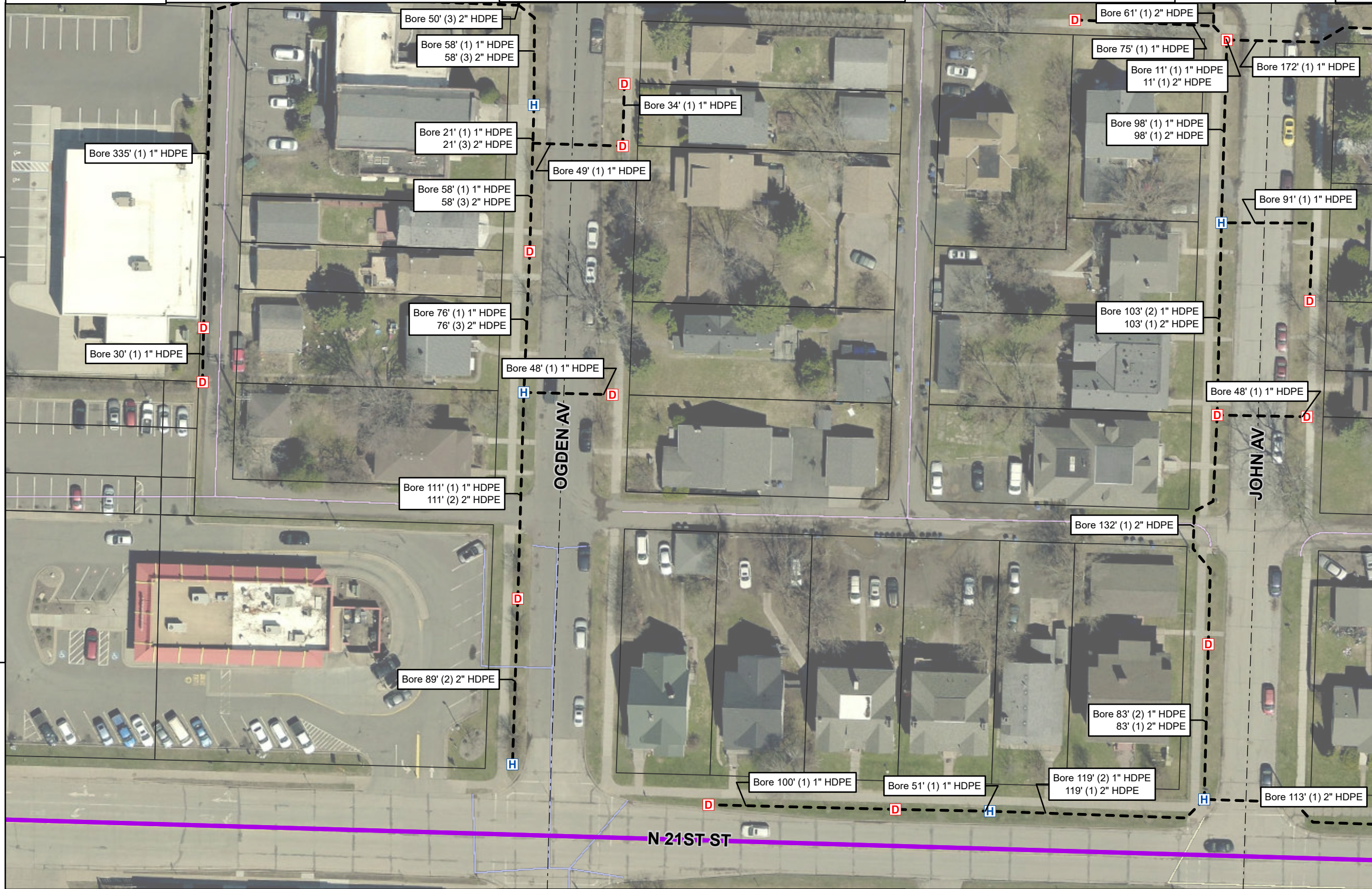
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To Sheet: 27

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To Sheet: 32



To Sheet:

To Sheet:

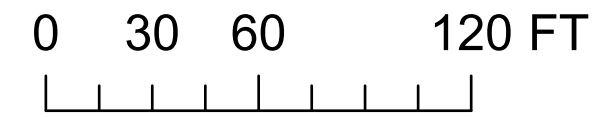
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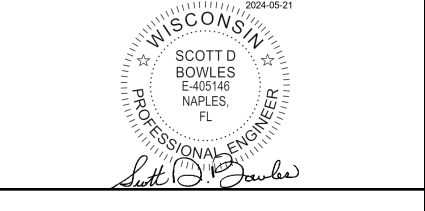
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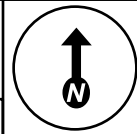


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VERTICAL:	1:650	
MP	TO MP	
SHEET 31	OF	34

SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 27

To Sheet: 28

To Sheet: 29

To Sheet: 31

To Sheet: 33



Pilot

EN COMMUNICATIONS
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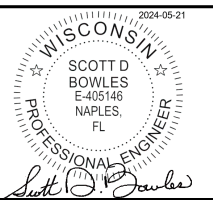
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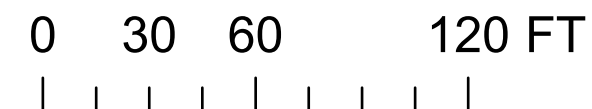
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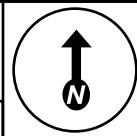
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CONTRACTOR TO LOCATE &
VERIFY ALL EXISTING UTILITIES
PRIOR TO CONSTRUCTION

**** NOTE ****
UTILITY & R.O.W. REPRESENTED ON
PLANS ARE BASED ON RECORDS
INFORMATION. NOT BASED ON
BOUNDARY SURVEY & FIELD EXPOSURES.

**** NOTE ****
ALL CONDUIT TO BE PLACED AT
36" MINIMUM DEPTH UNLESS NOTED



SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet: 28

To Sheet: 29

To Sheet: 30



To Sheet: 32

To Sheet:

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

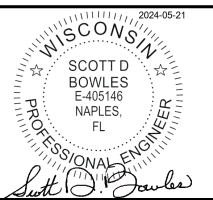
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
05-21-2024	Conduit - Pilot V0	JW



PRIOR TO CONSTRUCTION CALL
call811.org (TOLL FREE) AT
1-800-242-8511 OR 811 FOR LOCATION
OF UNDERGROUND UTILITIES

EXCEPT AS MAY BE OTHERWISE PROVIDED BY
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS
SHALL REMAIN THE PROPERTY OF EN
COMMUNICATIONS SERVICES. BOTH BEING
ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE
REPRODUCED, COPIED, OR USED FOR ANY PURPOSE
WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 33 OF 34

To Sheet:

To Sheet:

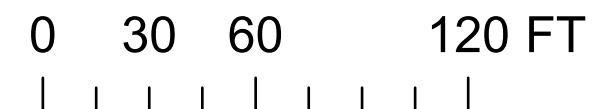
To Sheet:

**** NOTE ****
CONDUIT SHOULD BE PLACED
IN THE PUE WHERE AVAILABLE

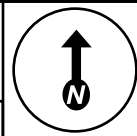
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SUPERIOR, WISCONSIN
DOUGLAS COUNTY



To Sheet:

To Sheet:

To Sheet: 17

Pilot

EN COMMUNICATIONS
CONSTRUCTION MAP

TITLE: FIBER OPTIC CABLE ROUTE
FTTH OUTSIDE PLANT
CITY OF SUPERIOR, WISCONSIN
PRELIMINARY - FOR REVIEW

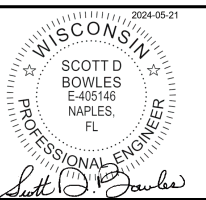
DATE: 05/21/24

ENGINEER: JD

DRAWN BY: SM

REVISIONS

DATE	DESCRIPTION	INITIAL
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SCALE

HORIZONTAL: 1:650

VERTICAL: 1:650

MP TO MP

SHEET 34 OF 34

To Sheet:



To Sheet: 22

To Sheet:

To Sheet:

To Sheet: 27

**** NOTE ****
CONDUIT SHOULD BE PLACED
IN THE PUE WHERE AVAILABLE

CAUTION!!!
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