



WIN LLC

PROJECT ID #06-679

COPLAND AVE - FESTIVAL FOODS

LA CROSSE ~ WISCONSIN

**CONSTRUCTION CONTRACTOR MUST ADHERE TO ALL PERMIT PROVISIONS, NOTES, & REQUIREMENTS AS LISTED ON THE APPROVED PERMITS.  
 CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR ALL PRE AND POST CONSTRUCTION NOTIFICATIONS.  
 A COPY OF THE PERMIT(S) MUST BE ON THE PROJECT SITE AT ALL TIMES.**

WIN Project Engineer:

UNIT SUMMARY

CONTRACTOR TO COMPLETE

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT TYPE</u>	<u>QUANTITY</u>
Plowing One Duct 2" or Less	UDP1	FT	0
Boring One Duct 2" or Less	BMDB1	FT	480
36" X 36" X 24" Composite Hand Hole	UH36	EA	0
Warning Sign with Test Station	BM53(TS)	EA	0
Pulling 12 ct Plenum-Rated Fiber	UFOP(12)	FT	720
Blowing Cable	UFOB(48)	FT	655
Hand Hole Storage Coil	STORAGE COIL	FT	375
INSTALL #12 LOCATING WIRE	UTWB(12)	FT	620

**CCI Engineer:**  
 JOESEPH KASSAB

joe.kassab@ccisystems.com

w: 906-776-2655

**Construction Contractor Information**

Name:

Phone:

Foreman:

Cell:

Address:

**PERMIT LIST:**

- LA CROSSE WISCONSIN

AS STAKED

AS BUILT DATE:

SOC CODE

WISCONSIN INDEPENDENT NETWORK - FESTIVAL FOODS 30 COPELAND AVE - PROJECT #06-679 ASSEMBLY UNIT TAB SHEET

Sheet	Construction Assembly Units																	Municipality		County		Fiber	
	UDP1 Plowing One Duct 2" or Less	UDP2 Plowing Two Ducts 2" or Less	BMTI Trenching One Duct 2" or Less	BMDB1 Boring One Duct 2" or Less	UH24 24" X 36" X 24" Composite Hand Hole	UH 36	UH48 48" X 30" X 36" Composite Hand Hole	BM53 Warning Sign	BM53(TS) Warning Sign with Test Station	UFOP(12) Pulling 12 ct Plenum-Rated Fiber	UFOB(48) Blowing Cable	STORAGE COIL Hand Hole Storage Coil	UFOP(6) Pulling Cable	UFOB(24) Blowing Cable	HBFO Fiber Optic Closure	BM22 TYPICAL WIN ABOVE GROUND BUILDING ENTRANCE	UTWB(12) INSTALL #12 LOCATING WIRE	WUH48 Enter Existing Hand Hole	Town of Onalaska	La Crosse County	FIBER REEL Cumulative	FIBER REEL Order Total	
1											655	75						730	730	730			
2				480					480								480						
3									240								140						
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>720</b>	<b>655</b>	<b>375</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>620</b>	<b>0</b>	<b>1750</b>	<b>1750</b>	<b>1750</b>		

NOTE - STORAGE COIL FOOTAGE IS INCLUDED IN UFOB(48) AND UFOB(24) ASSEMBLY UNITS - STORAGE COIL COLUMN IS INFORMATIONAL ONLY

## GENERAL CONSTRUCTION NOTES

1) Wisconsin State Law requires excavators to notify Diggers Hotline a minimum of three (3) business days prior to all excavations (excluding Saturdays, Sundays, and legal Holidays). Hand dig with care within the 18" safety zone when exposing underground utilities. Caution - Diggers Hotline does not mark all private lines.

2) Underground utilities have been plotted from available records and field observations but are not necessarily exact. It is the contractor's responsibility to field locate all underground obstructions and utilities prior to construction. Complete repair of any and all damages incurred shall be at the expense of the construction contractor. Fiber placement subject to change upon field locate completion.

3) Coordinate all construction activities with WIN Project Engineer prior to construction.

4) Contractor is responsible for any erosion control, which includes submitting erosion plans, related to this project, should it become necessary.

5) Construction contractor shall provide all information for as-built drawings, including but not limited to: Fiber sequential's at hand hole walls and end of fiber; Depths of fiber at a minimum of 200' intervals along with centerline of all hard surface crossings, ie: roads, alleys, drives, waterways pipelines, railroads; Actual GPS location of hand holes; Actual running line from right-of-way, back of curb, edge of pavement or other known landmarks shown on sheets; Actual location of warning markers; and any other information required to produce an accurate and permanent record of the project.

6) The top of all hand holes set shall match final grade.

7) The contractor shall comply with all WIN policies and procedures and all requirements from local permitting authorities. The various permits obtained for the project are on file in the office of the WIN Project Engineer.

8) Miscellaneous structures and obstructions such as sign posts; mail boxes; meter boxes; or other obstructions shall be avoided or removed and reinstalled to original or better condition.

9) The contractor shall be responsible, at all times; for the maintenance of streets and other utilities affected by construction operations - debris shall not be permitted to accumulate and all premises shall be maintained in a neat and workmanlike condition.

10) The contractor shall take adequate precautions to protect existing facilities, sidewalks, curbs, pavements, utilities, foliage, and adjoining property and structures outside of right-of-way; and to avoid damage thereto.

11) The following special provisions shall apply to traffic regulation during the extent of this project:

a. There shall be, at all times, adequate vehicle and pedestrian access for ingress and egress for the properties adjacent to the project.

b. During non-working hours, the contractor shall keep the existing traffic lanes clear from interference including all approaches and intersections.

c. If lane blockage is unavoidable, the contractor shall notify the traffic engineering department, police department, fire department, ambulance services, school bus garages, and other agency operations as appropriate so these agencies may re-route their vehicles around the construction zone(s).

d. Contractor is responsible to adhere to the DOT manual on traffic control along with submitting traffic plans if required by permitting authority.

12) If required, trenches in paved areas shall be saw-cut to the full depth of surfacing or as required by the permitting authority. Paved surfaces shall be repaired in accordance with the permitting authority's specifications.

13) The contractor shall comply with all current and applicable Occupational Safety and Health Administration (OSHA), federal, state, and local rules and regulations governing the safety of employees and material during excavation, trenching, ditching, and installation and backfilling operations on this project.

14) No trench or excavation site shall be left open overnight or unattended.

15) Right-of-way restoration and street and sidewalk repair/replacement shall be in compliance with the local permitting authority.

16) All fiber cable minimum depth must be 36". 48" minimum depth under roadways and waterways. See typical roadway and waterway crossing details.

17) Inner ducts occupied by cable shall be sealed at termination points using rubber plugs and compression bands. Foam sealant will not be used.

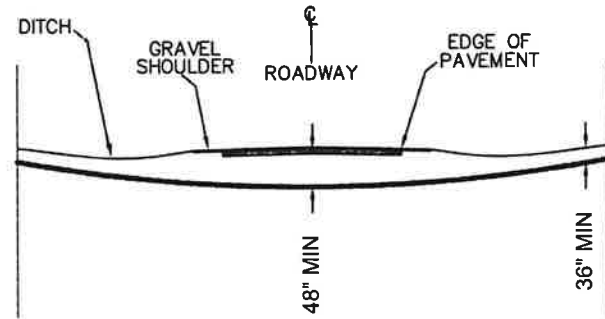
18) Brushing and trimming as-required. Brush, branches, and refuse from clearing operations shall, without delay, be removed from the vicinity of the right-of-way.

19) Construction contractor(s) shall have a copy of the permit(s) on-site and shall be available for inspection immediately upon request by the permitting authority or permitting authority representative.

20) No excavation, digging, tunneling, trenching, boring, plowing, installation of facilities, equipment or improvements above, on or beneath the surface of any right-of-way may begin without a signed permit from the governing permitting authority.

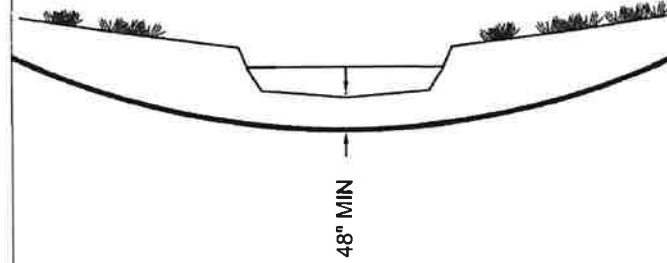
# TYPICAL DETAIL DRAWINGS

### TYPICAL ROADWAY CROSSING



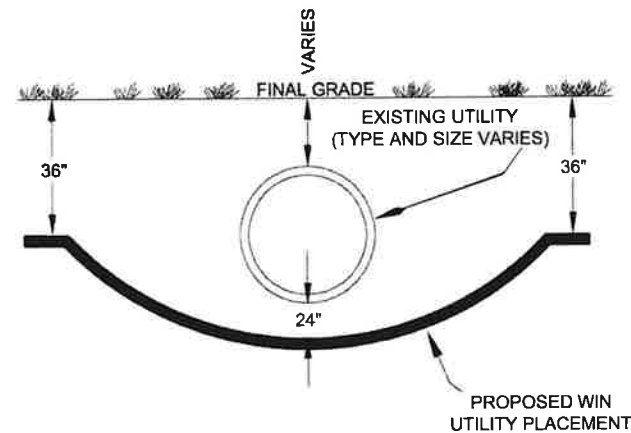
ALL DIMENSIONS SHOWN ARE MINIMUM DEPTHS  
 PROPOSED FACILITIES PLACEMENT SHALL CROSS ALL EXISTING STREETS AT 48" MINIMUM DEPTH  
 PERMITTING AUTHORITIES MAY REQUIRE GREATER THAN 48" MINIMUM DEPTH ROAD CROSSINGS

### TYPICAL WATERWAY CROSSING



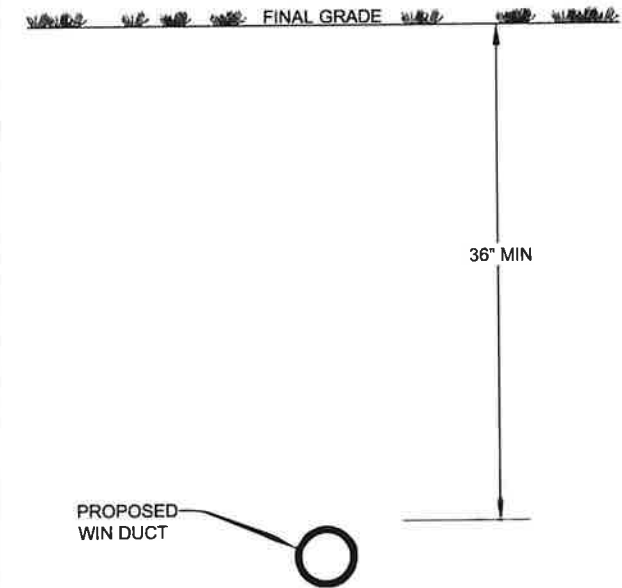
ALL DIMENSIONS SHOWN ARE MINIMUM DEPTHS  
 PROPOSED FACILITIES PLACEMENT SHALL CROSS ALL WATERWAYS AT 48" MINIMUM DEPTH FROM BASE OF WATERWAY  
 PERMITTING AUTHORITIES MAY REQUIRE GREATER THAN 48" MINIMUM DEPTH

### TYPICAL UTILITY CROSSING



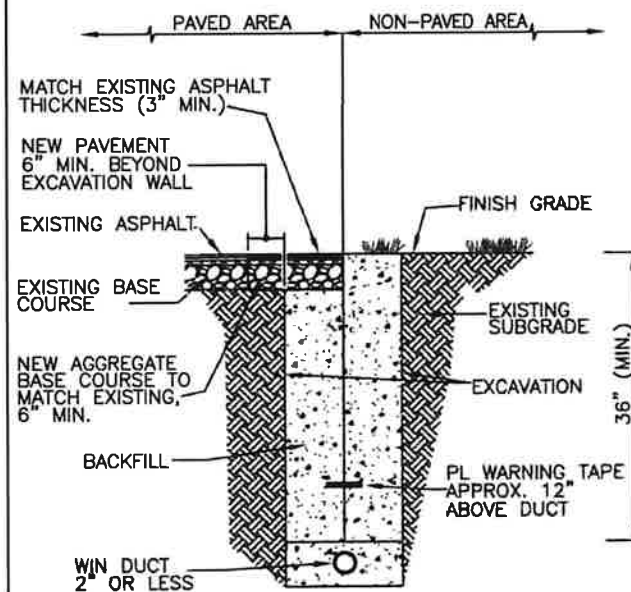
ALL DIMENSIONS SHOWN ARE MINIMUM DISTANCES  
 PROPOSED FACILITIES PLACEMENT SHALL CROSS ALL EXISTING UTILITIES WITH A 24" MINIMUM VERTICAL AND HORIZONTAL SEPARATION  
 FOREIGN UTILITY OWNERS AND/OR PERMITTING AUTHORITIES MAY REQUIRE GREATER THAN 24" SEPARATIONS

### TYPICAL BORE DETAIL



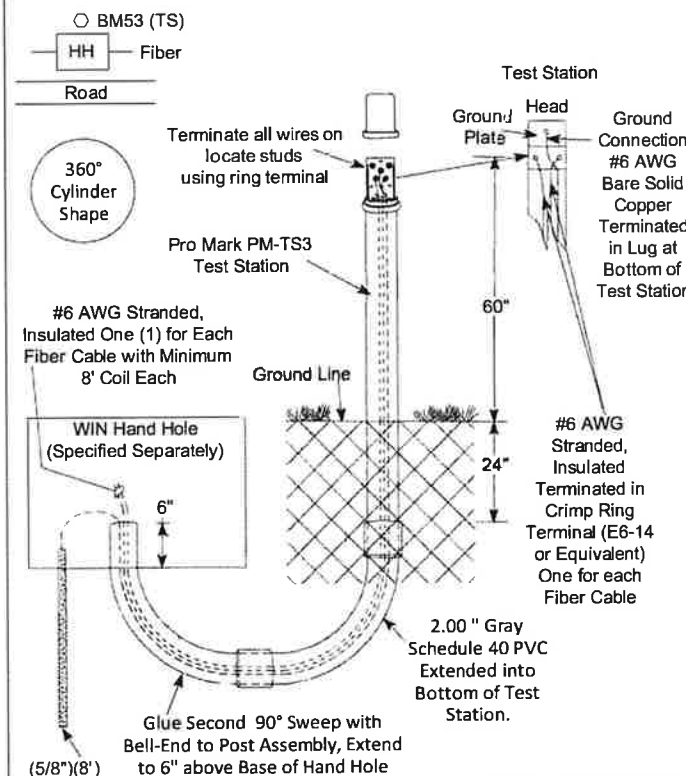
MAINTAIN MINIMUM HORIZONTAL AND VERTICAL SEPARATION OF EXISTING UTILITIES; REVIEW PERMITTING AUTHORITIES SPECIFICATIONS AND DETAILS FOR SEPARATION REQUIREMENTS NOT TO SCALE

### TYPICAL TRENCH DETAIL BMT1 (ONE DUCT - 2" OR LESS) 1 DUCT HORIZONTALLY BY 1 DUCT VERTICALLY

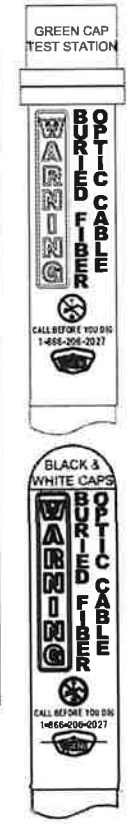


MAINTAIN MINIMUM HORIZONTAL AND VERTICAL SEPARATION OF EXISTING UTILITIES; REVIEW PERMITTING AUTHORITIES SPECIFICATIONS AND DETAILS FOR SEPARATION REQUIREMENTS NOT TO SCALE

### TYPICAL WARNING SIGN MARKER POST

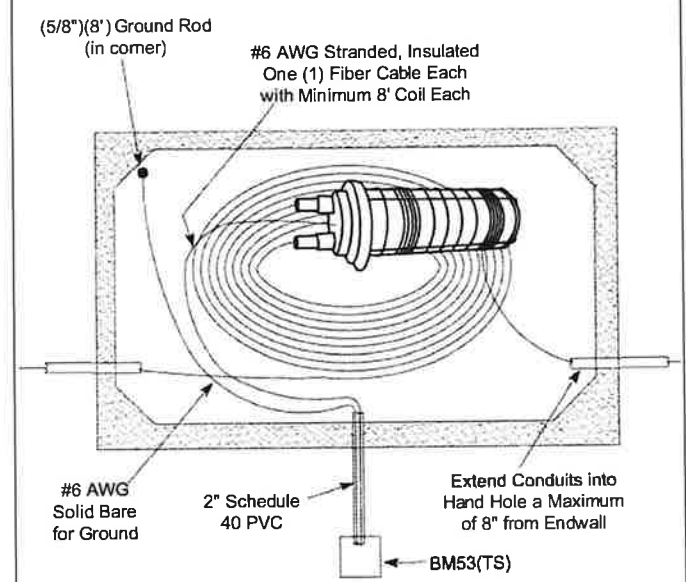


- NOTES --
- Cap Colors:  
 -- Black: Warning Post Only  
 -- White: Hand Hole with Slack  
 -- Green: Test Station at Splice Locations
  - Test Station to be Installed in Center of Long Side of Hand Hole Away from Roadway
  - Test Station Assembly Unit includes: 84" Dome Pro Mark Marker Post with 5 Position Test Station; 5/8" x 8' Ground Rod; Ground Rod Clamp; 2 - 2.00" 90° Duct Sweeps; Isolation Lever.
  - Test Station Conductors:  
 -- Ground Rod to Locate Plate: #6 Bare Solid  
 -- Test Station to Hand Hole for Each Cable: #6 Stranded, Insulated  
 -- #6 Bare Solid Terminated in Lug at Top of Test Station for Ground  
 -- Stranded #6 to be Terminated in Crimp Ring Terminal T&B E-6-14 or Equivalent
  - BM53 Markers will require Post Anchor. Set BM53 Markers 18" Below Ground Line.



BM53 - PRO MARK PM-303 DOME MARKER 72"  
 BM53(TS) - PRO MARK PM-TS3 84" (3" TEST STATION WITH STANDARD 5 STAINLESS STEEL TERMINALS)

### TYPICAL HANDHOLE DETAIL VIEW FROM TOP



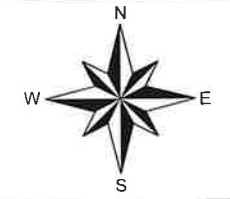
6" COMPACTED #1 WASHED STONE (NOT SHOWN)  
 1/4" SCREEN MESH (NOT SHOWN)  
 NOT TO SCALE



- ① SHEET = 1
- UDP1 = 0
- BMDB1 = 480
- UH36 = 0
- BM53(TS) = 0
- UFOP(12) = 0
- UFOB(48) = 655
- Storage Coil = 75
- UTWB(12) = 0

PERMITS REQUIRED THIS PRINT:  
LA CROSSE COUNTY  
CITY OF LA CROSSE

SHEET 1 OF 5



COUNTY	LA CROSSE
TOWNSHIP	HOLMEN
TOWN	16N
RANGE	7W
SECTION	32
MUNICIPALITY	CITY OF LA CROSSE
ROAD NAME	COPELAND AVE



PROJECT ID # 06-679

PROJECT DESCRIPTION:  
Place New WIN (48)Ct Fiber from Existing Handhole located on Copeland Ave, W1 to Festival Foods

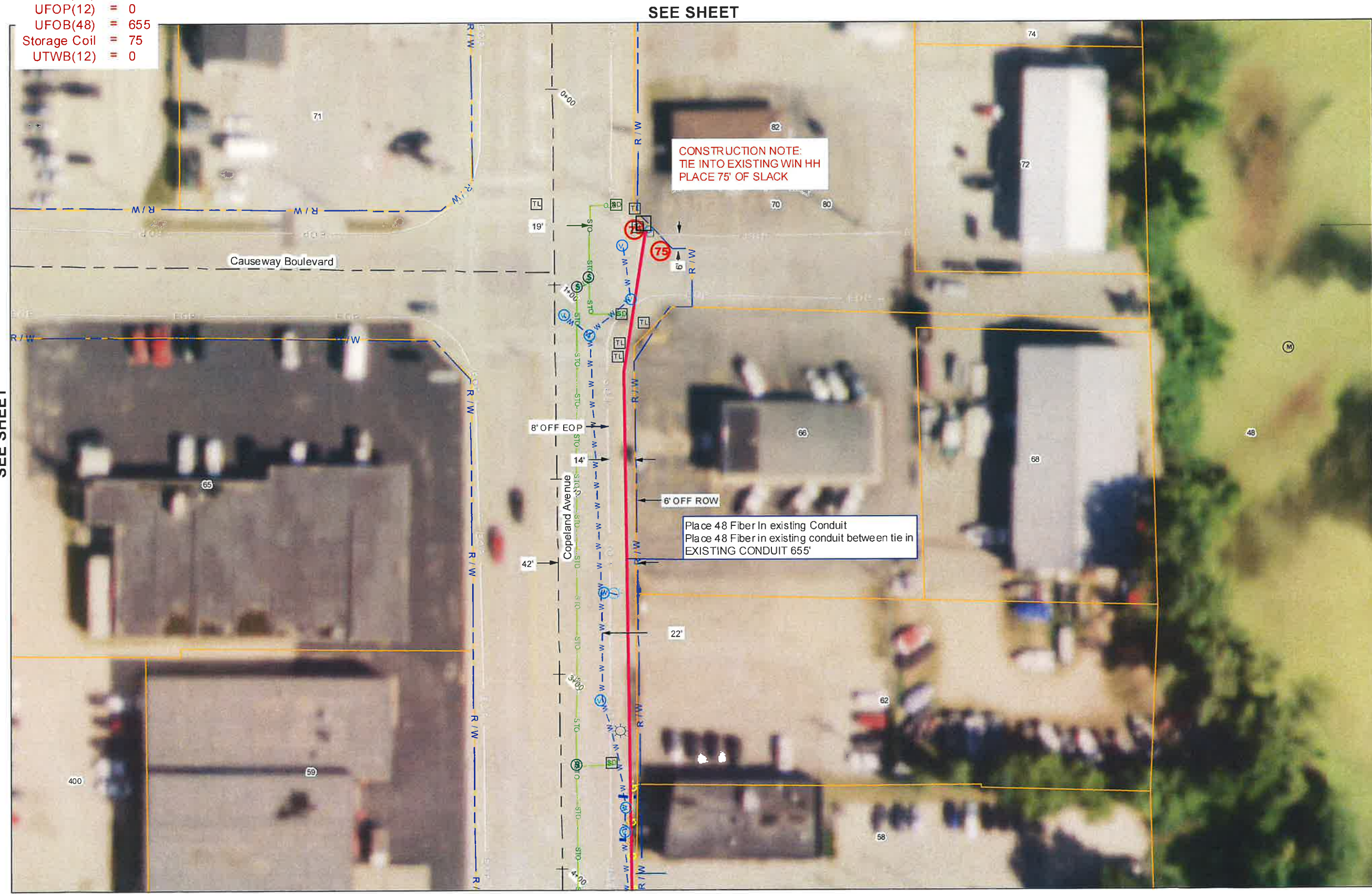
ENGINEERING	DATE
COMPLETED:	10/2023

REVISIONS
REV 1:
REV 2:

W.I.N. PROJECT ENGINEER  
O: [C]

REDLINE  
ASBUILT:  
SCALE 1" = 50'

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SEE SHEET

SEE SHEET

SEE SHEET

SEE SHEET

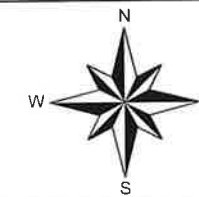


- ② SHEET = 1
- UDP1 = 0
- BMDB1 = 480
- UH36 = 0
- BM53(TS) = 0
- UFOP(12) = 480
- UFOB(48) = 0
- Storage Coil = 150
- UTWB(12) = 480

*\* New Conduit in City R.O.W*

PERMITS REQUIRED THIS PRINT:  
LA CROSSE COUNTY  
CITY OF LA CROSSE

SHEET 2 OF 5



COUNTY	LA CROSSE
TOWNSHIP	HOLMEN
TOWN	16N
RANGE	7W
SECTION	32
MUNICIPALITY	CITY OF LA CROSSE
ROAD NAME	COPELAND AVE



PROJECT ID #	06-679
PROJECT DESCRIPTION:	Place New WIN (48)C1 Fiber from Existing Handhole located on Copeland Ave, W1 to Festival Foods

ENGINEERING	DATE
COMPLETED:	10/2023

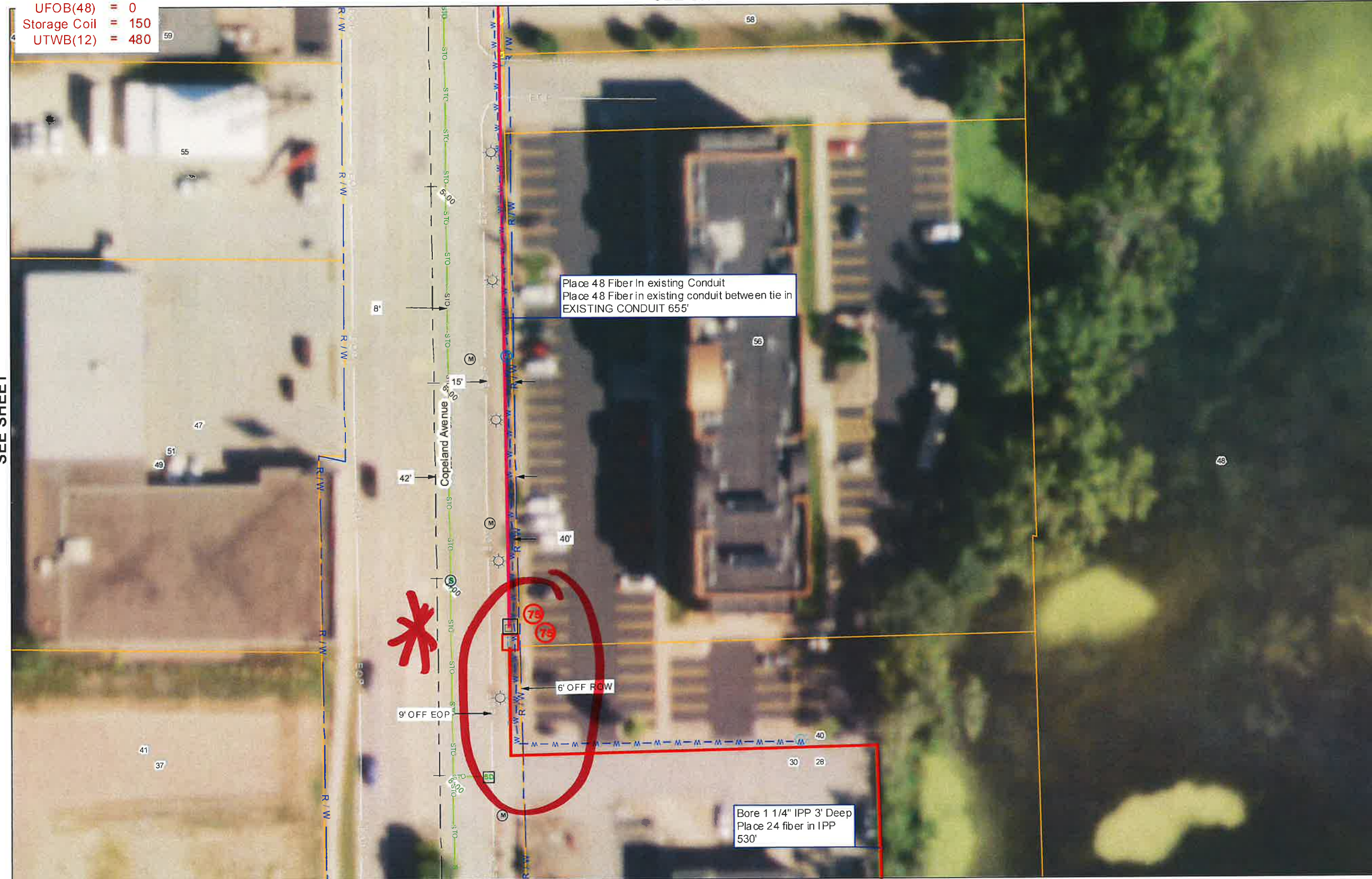
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O:   C:

REDLINE	
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SEE SHEET



SEE SHEET

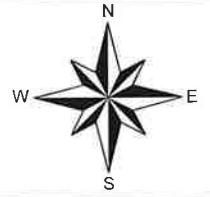
SEE SHEET



- ③ SHEET = 1
- UDP1 = 0
- BMDB1 = 0
- UH36 = 0
- BM53(TS) = 0
- UFOP(12) = 240
- UFOB(48) = 0
- Storage Coil = 150
- UTWB(12) = 140

PERMITS REQUIRED THIS PRINT:  
LA CROSSE COUNTY  
CITY OF LA CROSSE

SHEET 3 OF 5



COUNTY  
LA CROSSE

TOWNSHIP  
HOLMEN

TOWN  
16N

RANGE  
7W

SECTION  
32

MUNICIPALITY  
CITY OF LA CROSSE

ROAD NAME  
COPELAND AVE



PROJECT ID # 06-679

PROJECT DESCRIPTION:

Place New WIN (48)Cl Fiber from Existing Handhole located on Copeland Ave, WI to Festival Foods

ENGINEERING DATE

COMPLETED: 10/2023

REVISIONS

REV 1:

REV 2:

W.I.N. PROJECT ENGINEER

O: | C:

REDLINE

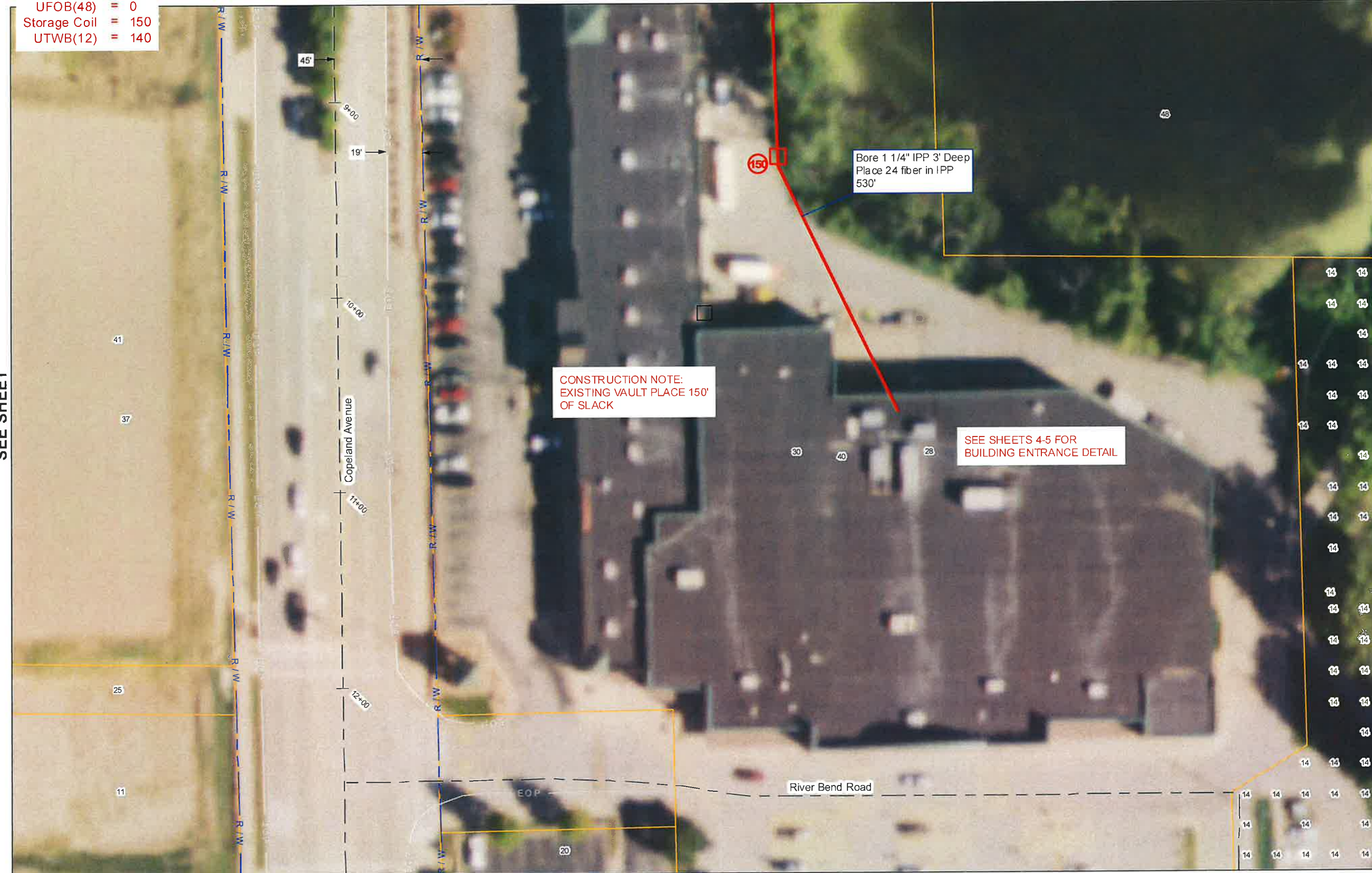
ASBUILT:

SCALE 1" = 50'

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SEE SHEET

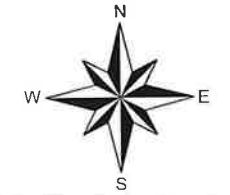


SEE SHEET

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COUNTY  
LA CROSSE

TOWNSHIP  
HOLMEN

TOWNSHIP  
16N

RANGE  
7W

SECTION  
32

MUNICIPALITY  
CITY OF LA CROSSE

ROAD NAME  
COPELAND AVE



PROJECT ID # 06-679

PROJECT DESCRIPTION:

Place New WIN (48)CT Fiber from Existing Handhole located on Copeland Ave, WI to Festival Foods

ENGINEERING DATE

COMPLETED: 09/2023

REVISIONS

REV 1:

REV 2:

W.I.N. PROJECT ENGINEER

O: | C:

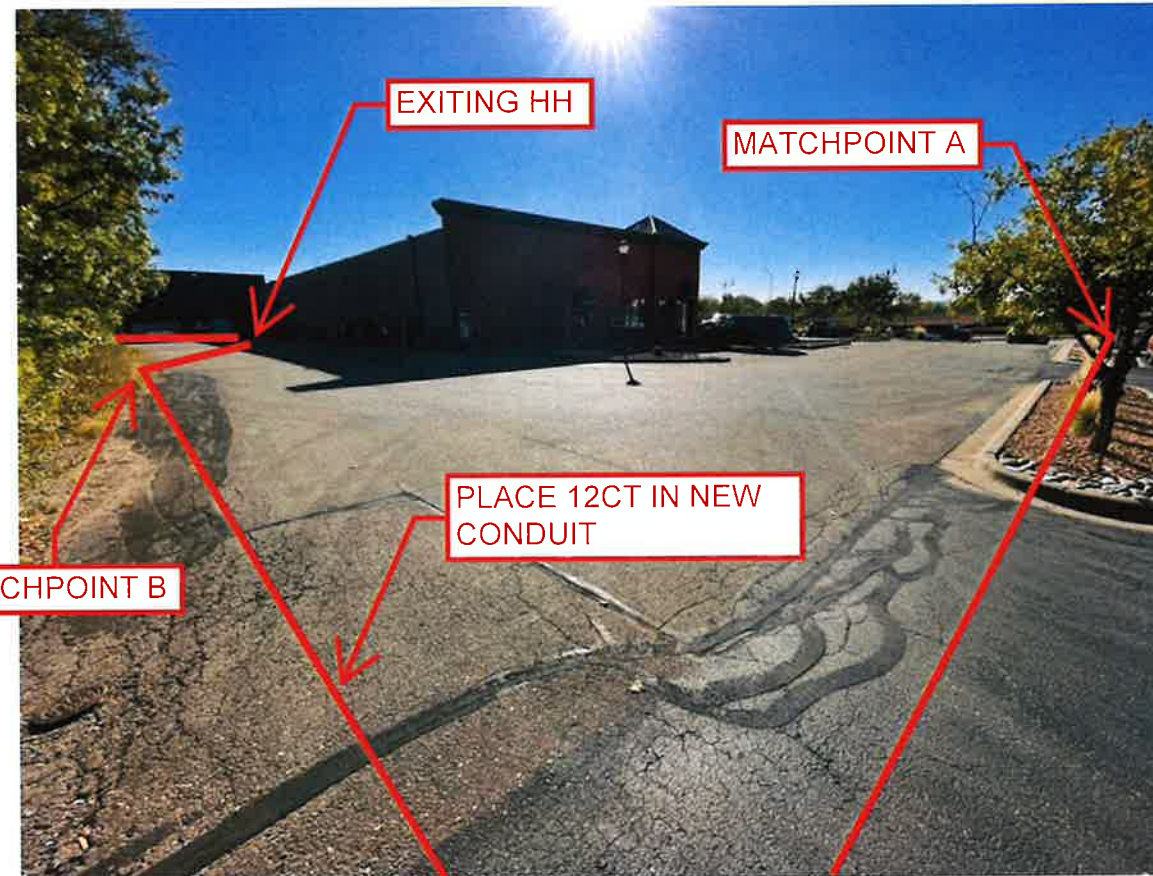
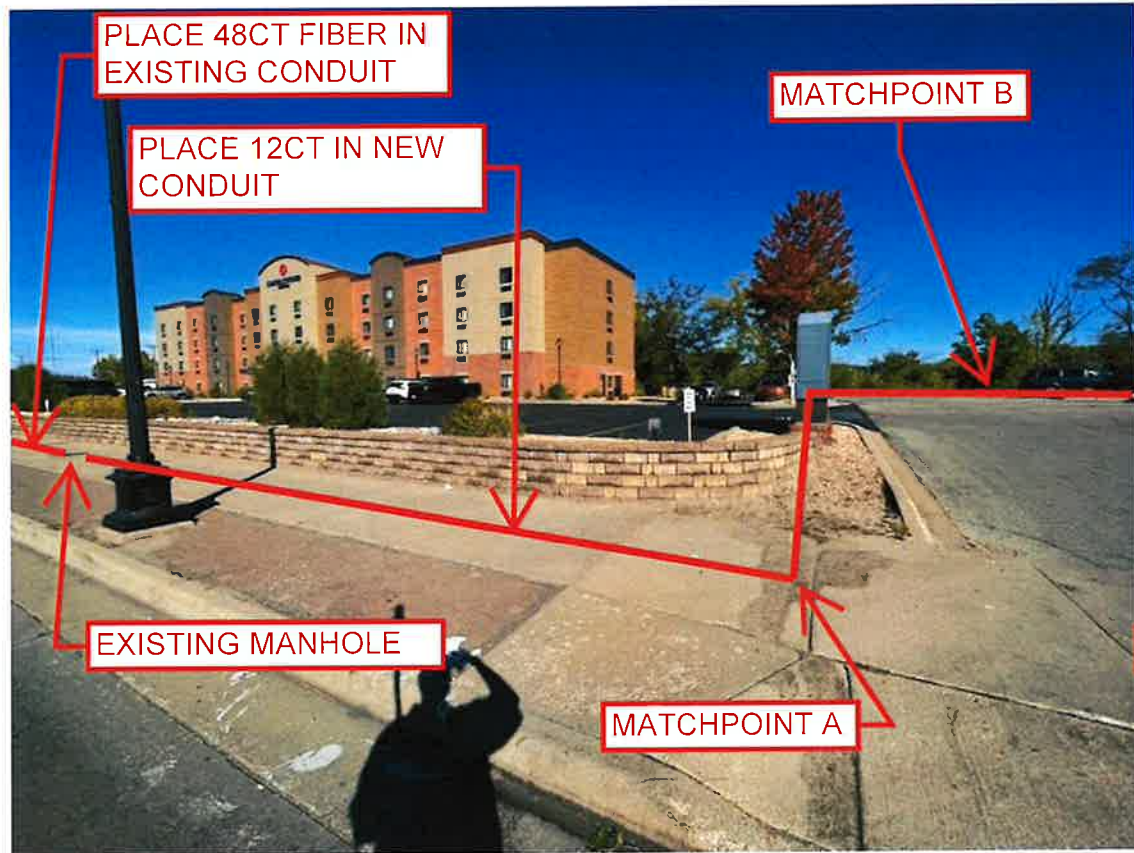
REDLINE

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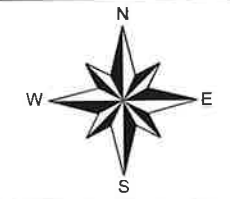
SCALE 1" = 50'

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COUNTY  
LA CROSSE

TOWNSHIP  
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SECTION  
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MUNICIPALITY  
CITY OF LA CROSSE

ROAD NAME  
COPELAND AVE



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ENGINEERING	DATE
COMPLETED:	09/2023

REVISIONS

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REDLINE

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