



Mercy Clinic
 2755 S. Gateway Drive
 Carlisle, IA

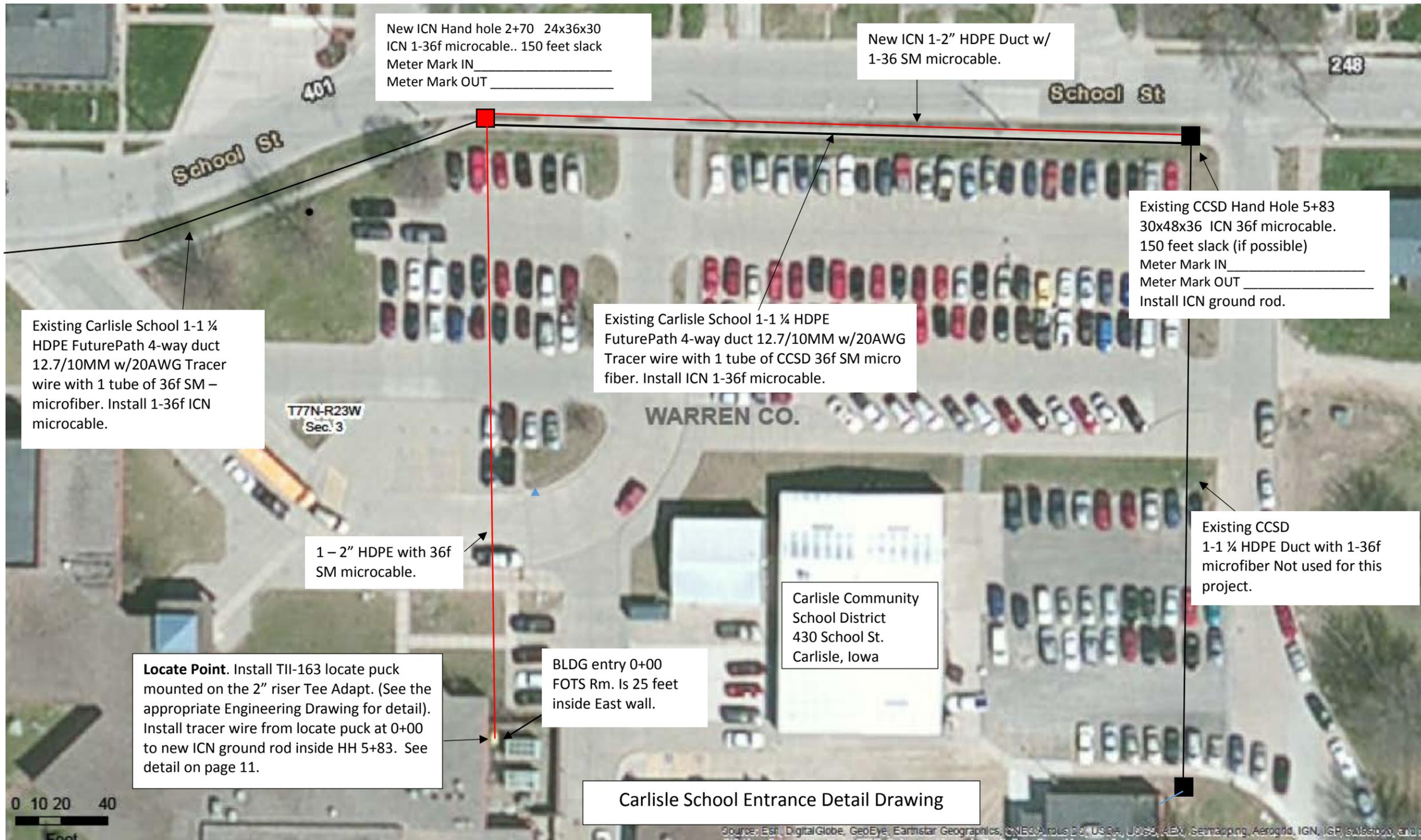
New ICN 1-2" HDPE,
 1-36f A Cable

CCSD Ex.
 Microconduit

Carlisle Comm School District
 (CCSD)
 430 School Street
 Carlisle, IA

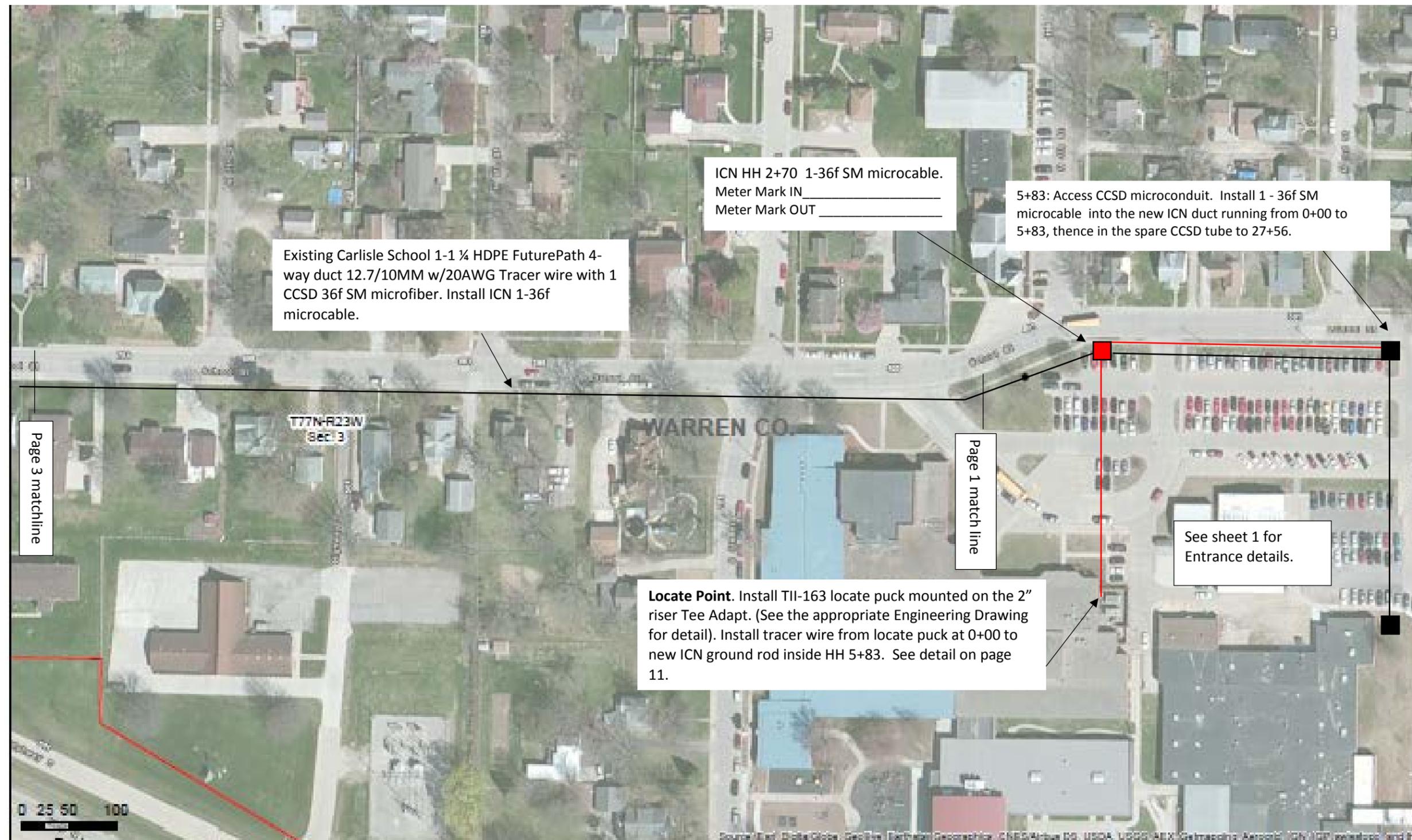
New ICN 1-2" HDPE,
 1-36f A Cable

OSP 91160105 Overview Map
 Warren County,
 Carlisle Twnshp, T77N-R23W, Section 3
 Allen Twnshp, T77N-R23W, Section 4



Carlisle School Entrance Detail Drawing

1	Initial Engineering Drawings	11-15-15	5	
2			6	
3			7	
4			8	Template 10-2-15
SIZE: 11 x 17				



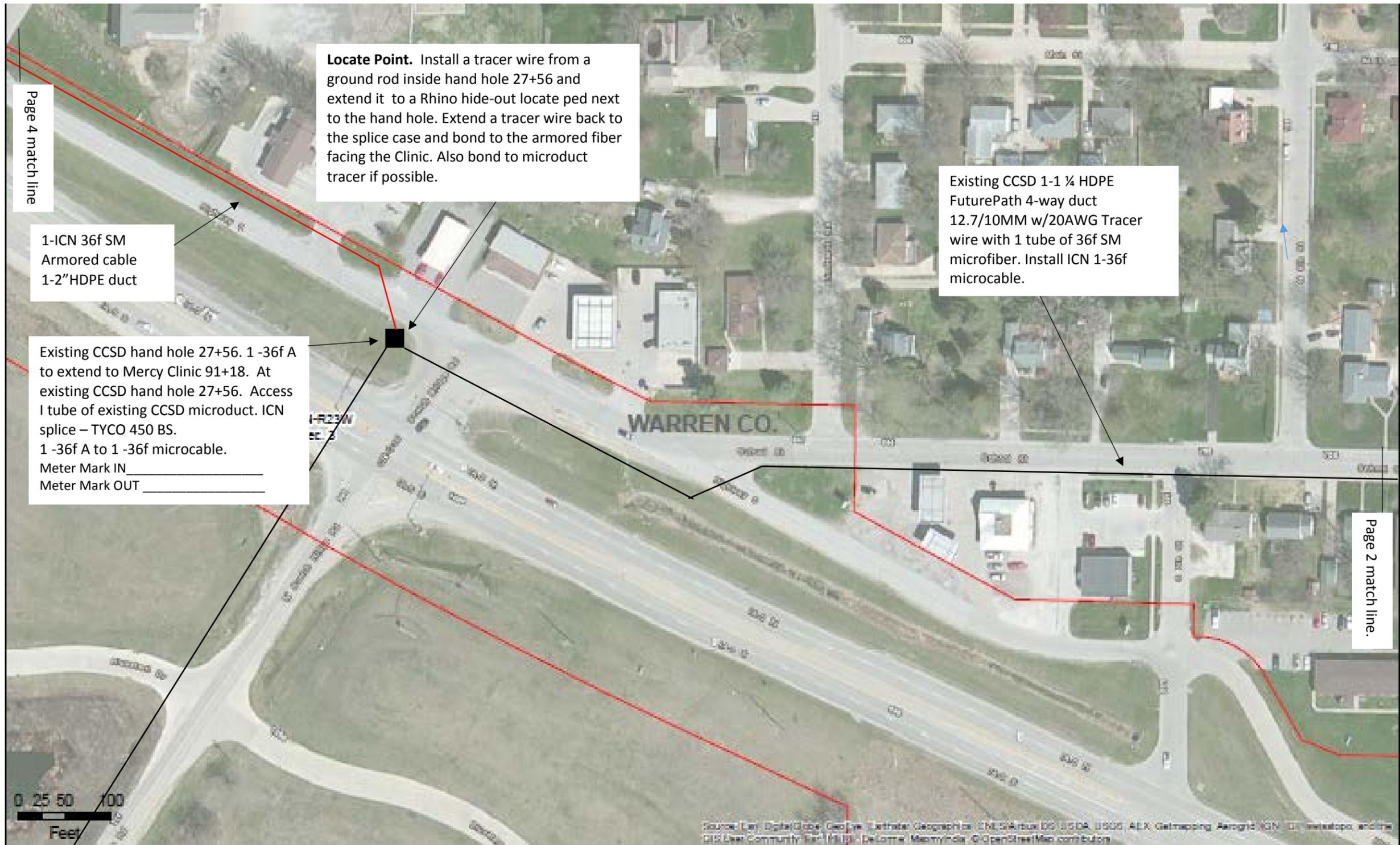

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STATE OFFICE BUILDING 400
EAST 14TH STREET
DES MOINES, IOWA 50319
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Project Name: Mercy Clinic – Carlisle, Iowa
Address: 2755 South Gateway Drive
OSP number: 91160105

SIZE: 11 x 17

1	Initial Engineering Drawings	11-15-15	5		
2			6		
3			7		
4			8		
					Template 10-2-15



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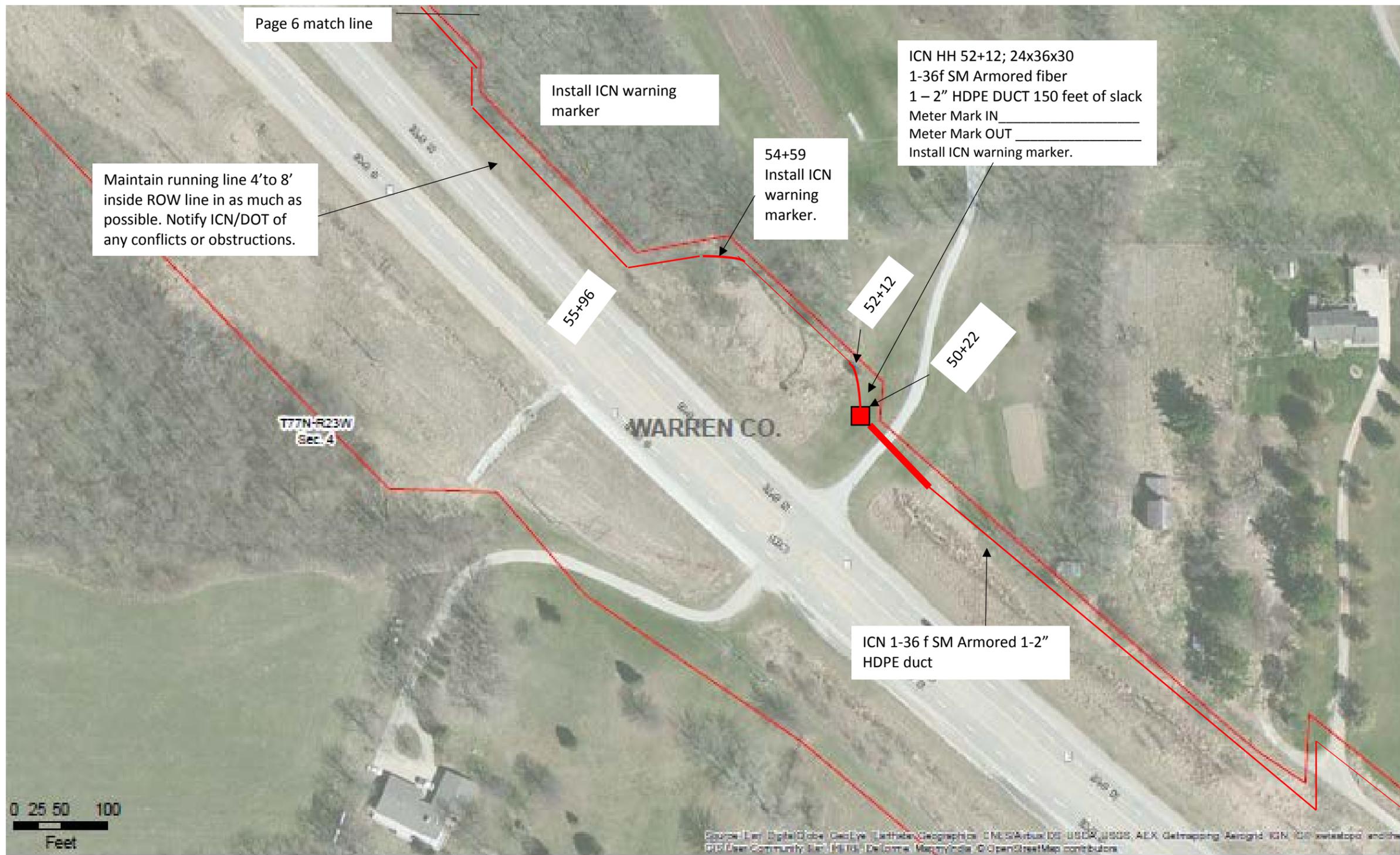
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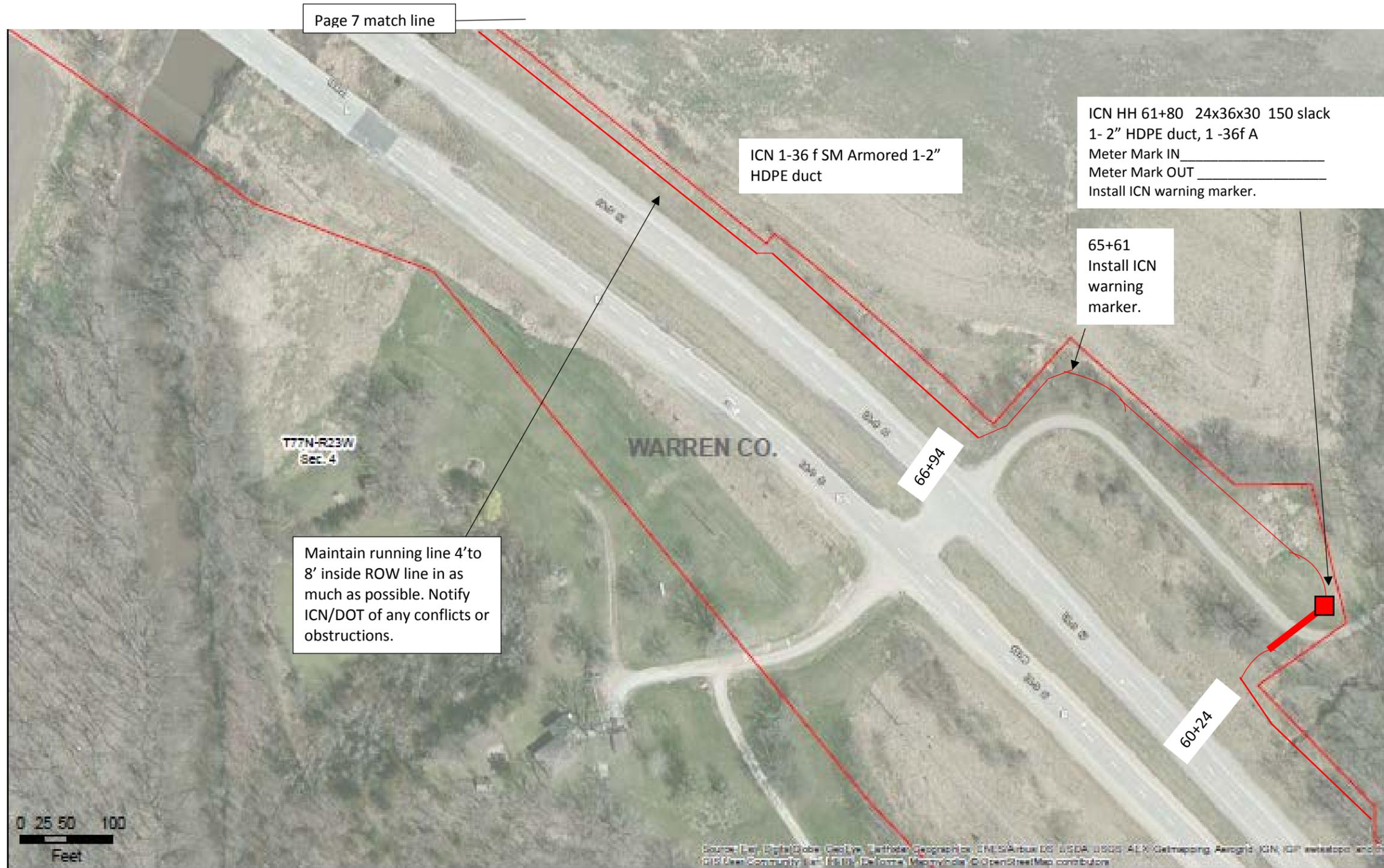
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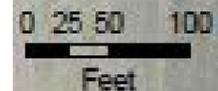


1	Initial Engineering Drawings	11-15-15	5	
2			6	
3			7	
4			8	
				Template 10-2-15



1	Initial Engineering Drawings	11-15-15	5	
2			6	
3			7	
4			8	
				Template 10-2-15

Page 8 match line



Page 6 match line

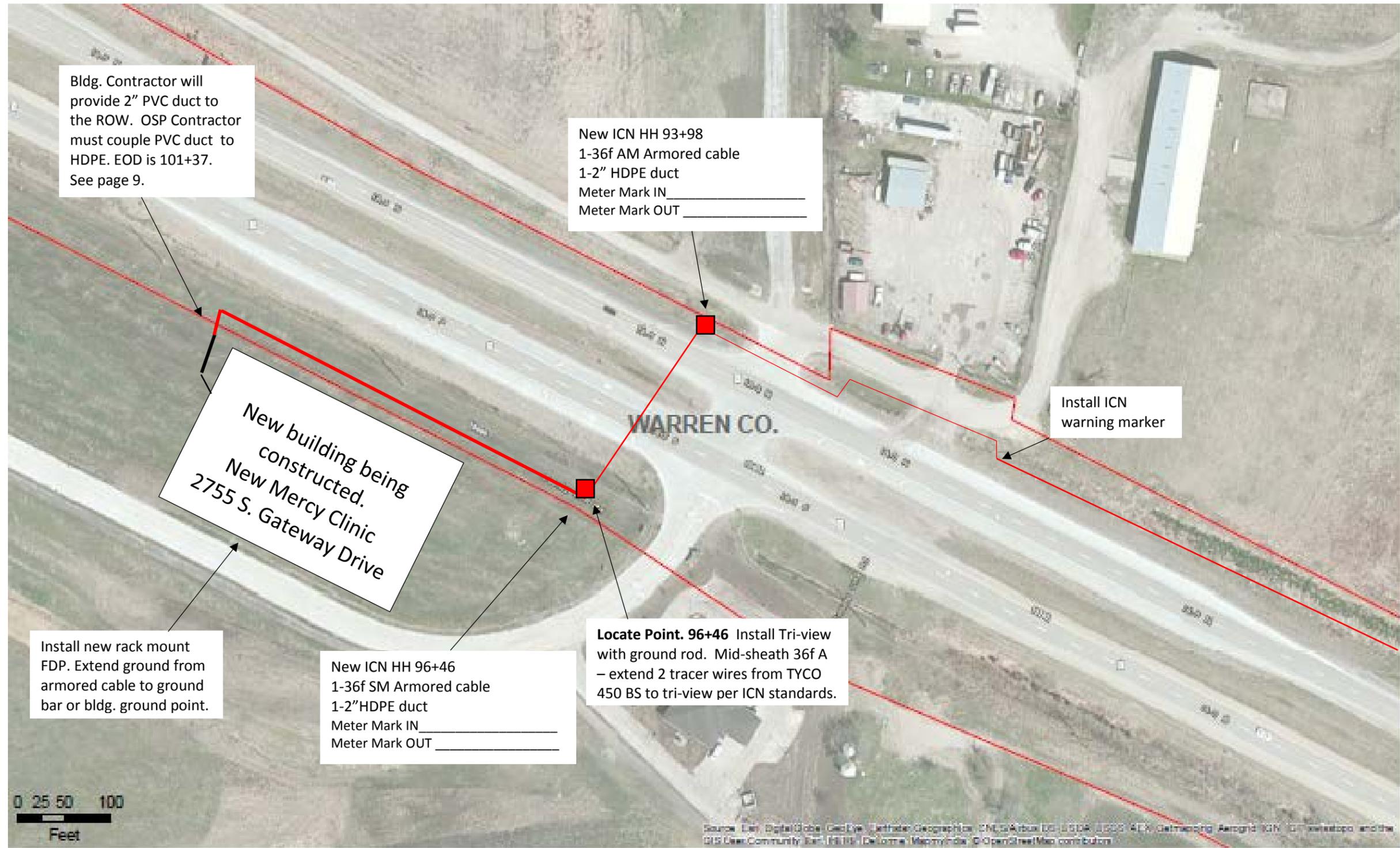
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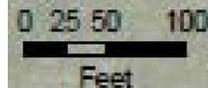
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Page 7
match
line



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, GE, CNES/Airbus, and the
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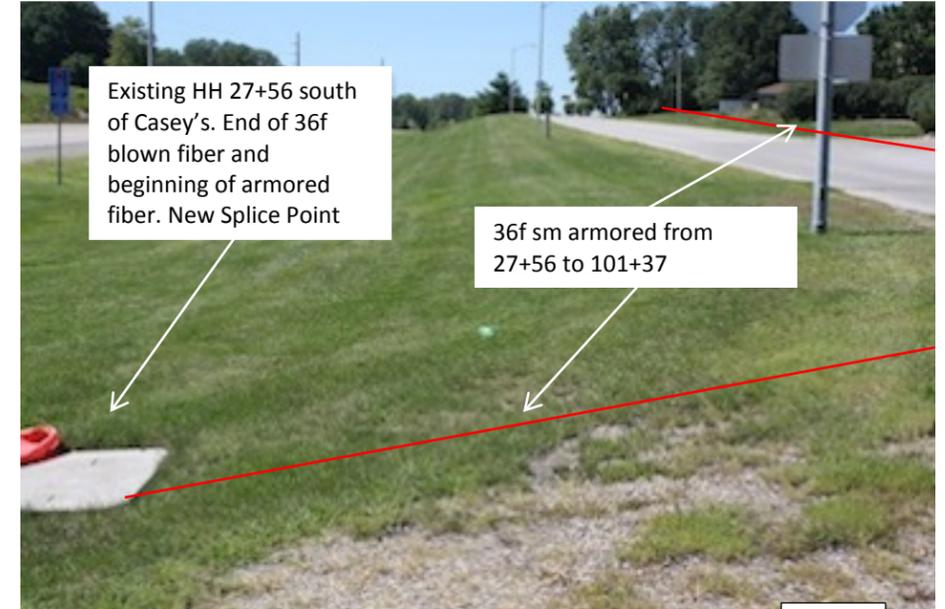
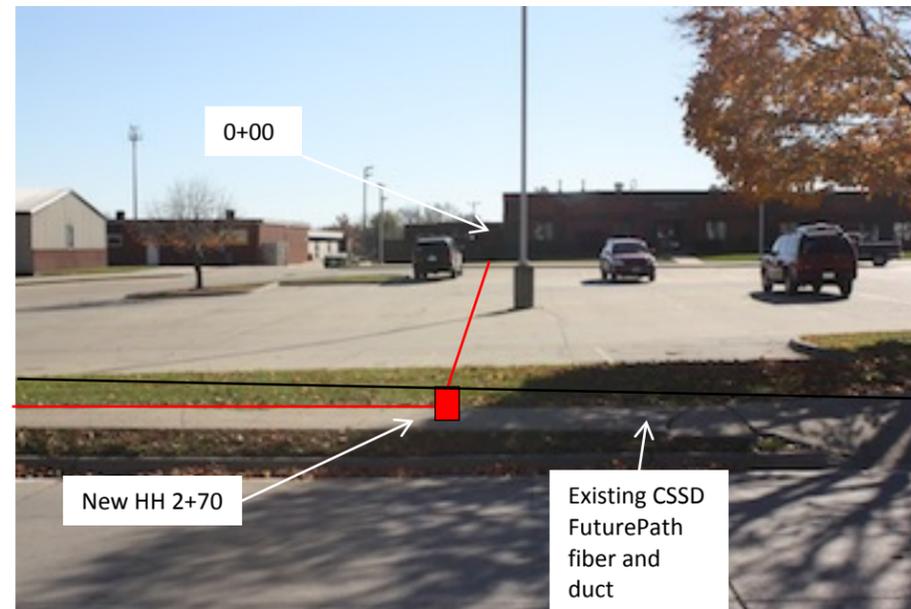
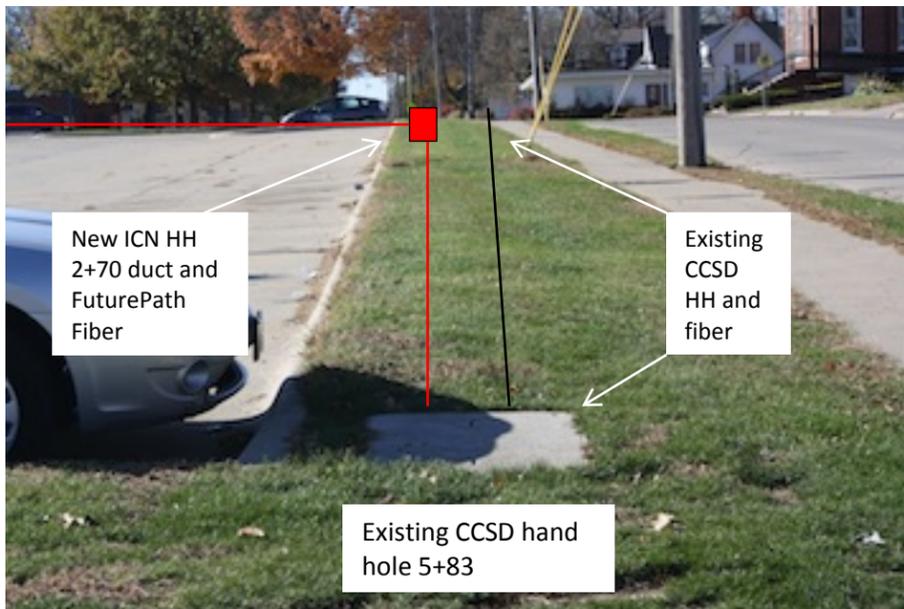
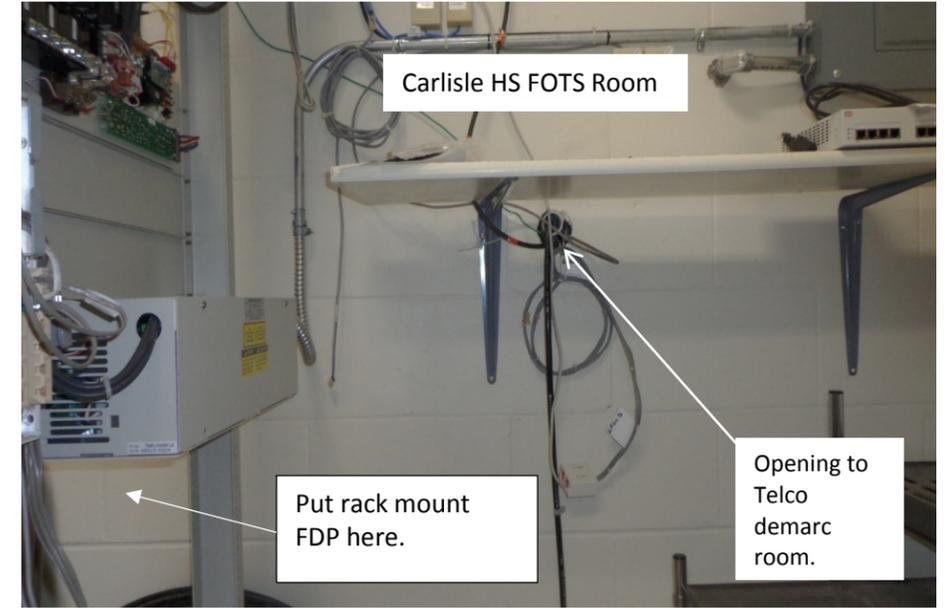
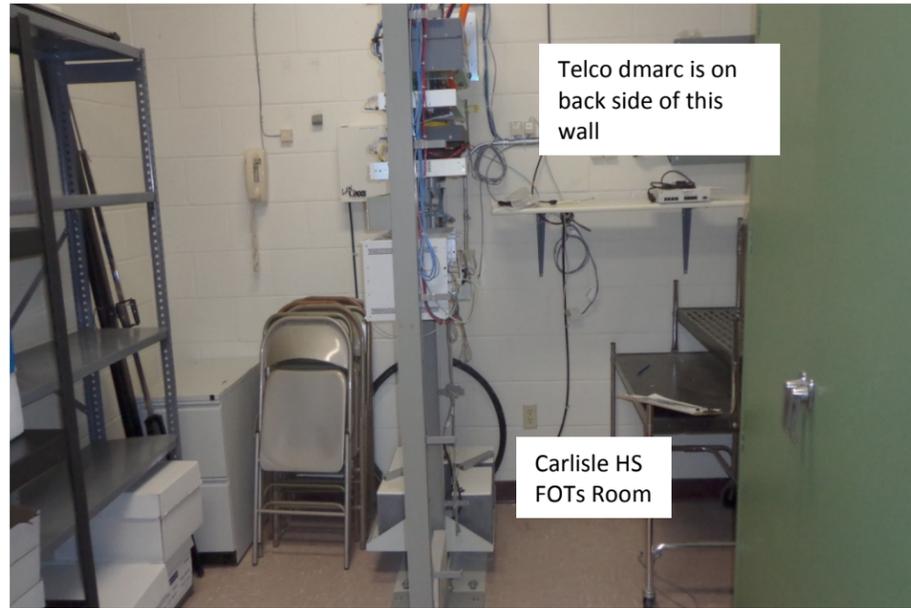
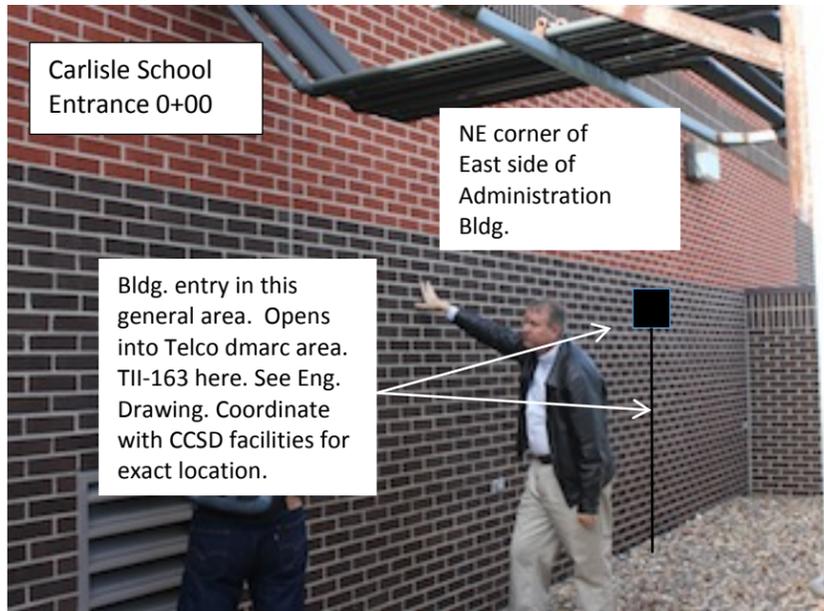
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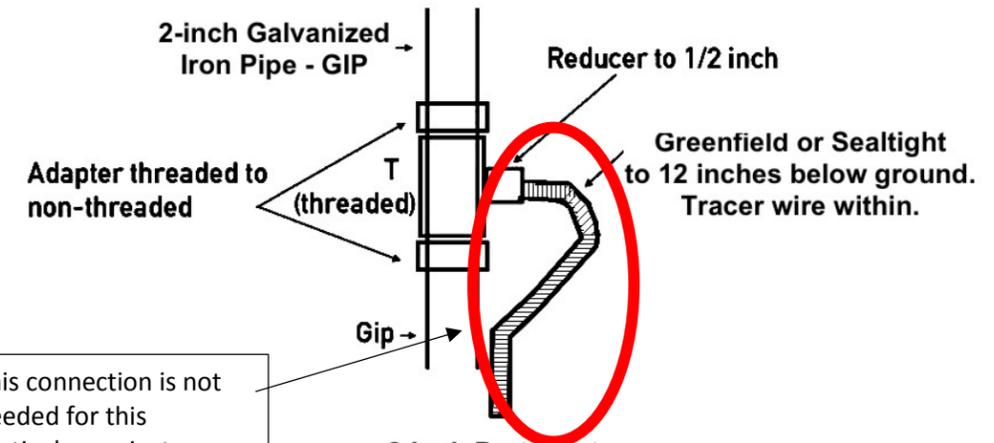
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SIZE: 11 x 17



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T-Adapter For Tracer Wire



This connection is not needed for this particular project. Bring ground wire from clinic ground point out to this TII-163.

- 2-inch Parts List
 Crouse-Hinds
 T adapter, cover and gasket
 T-65/CGN
 Adapter CPR6
 Reducer RE61

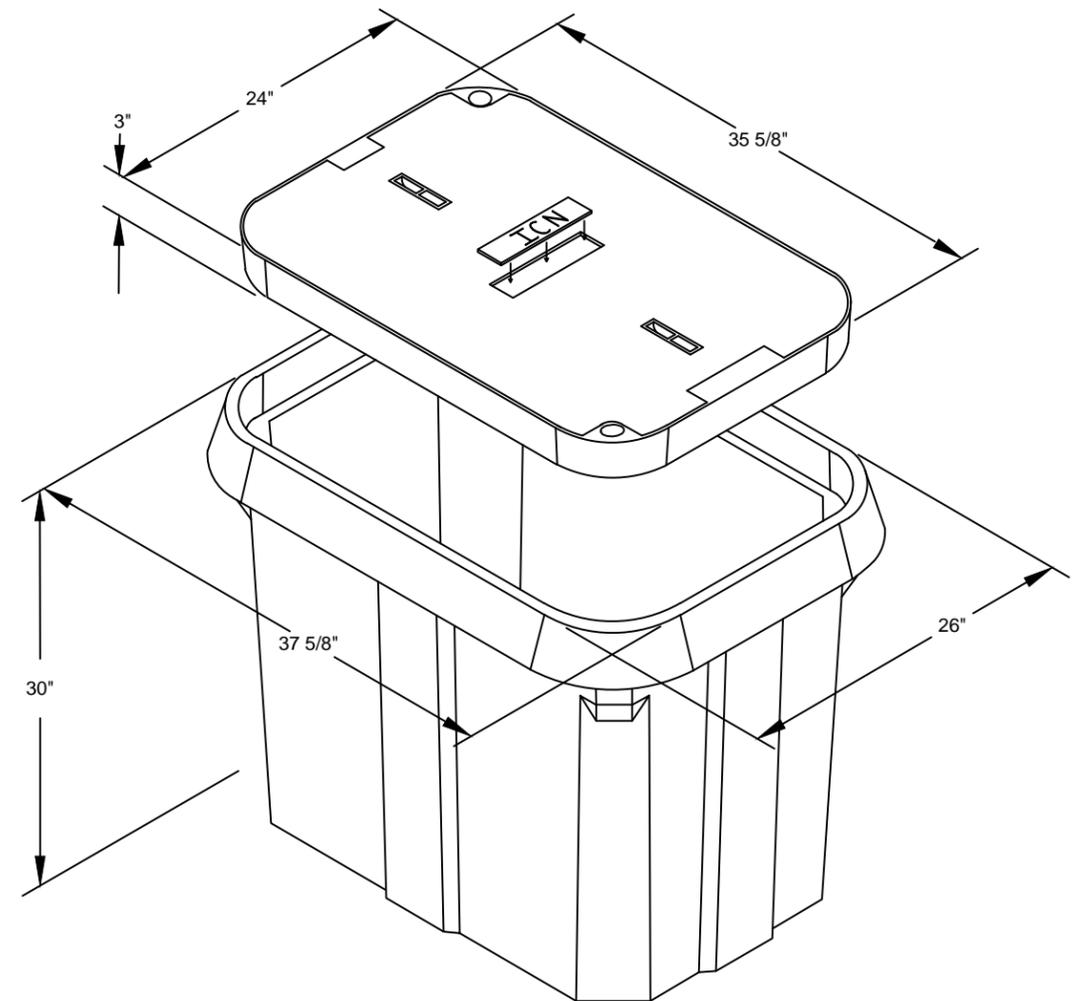
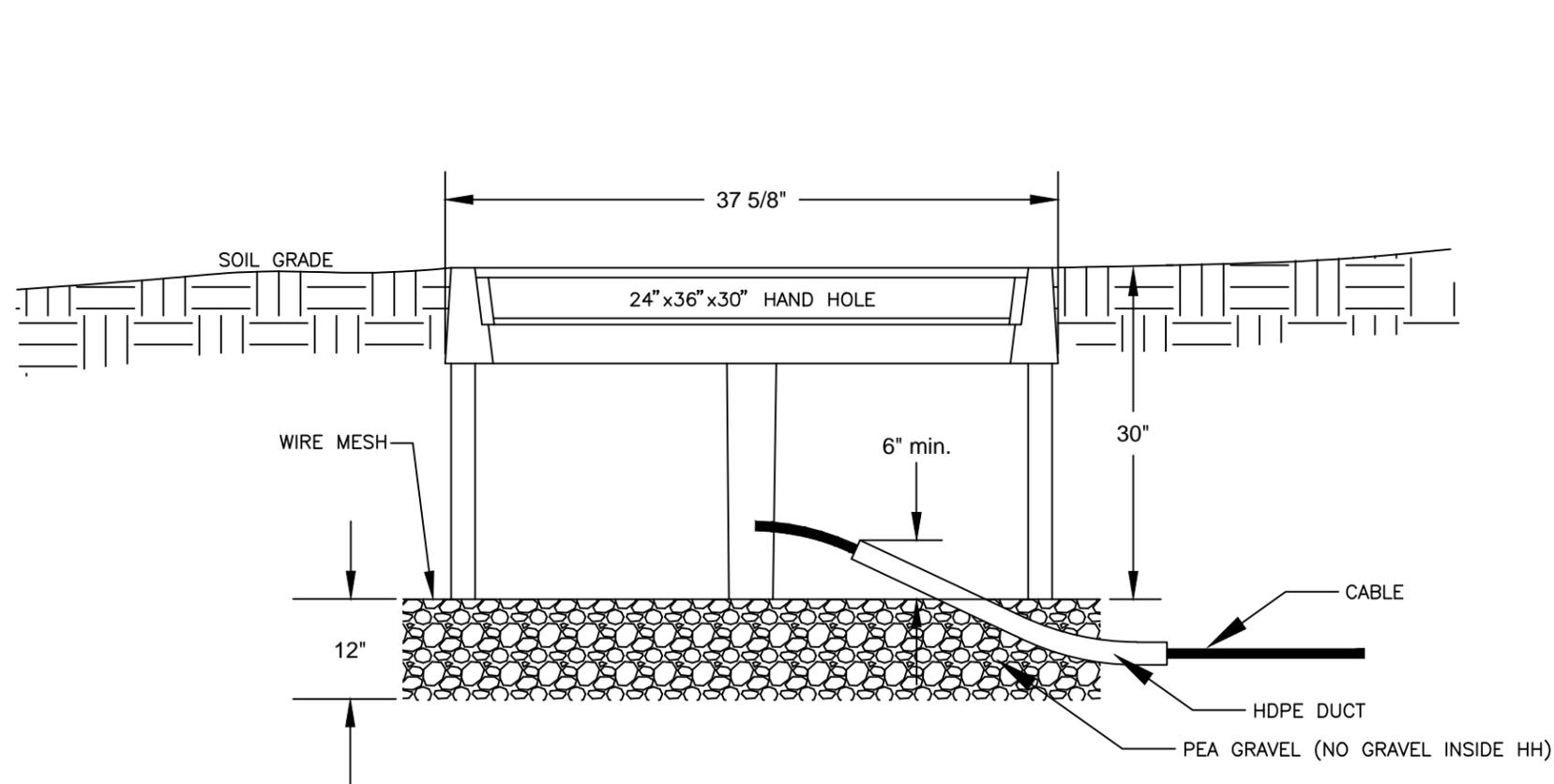
Galvanized Iron Pipe Required
 EMT and Plastic Not Allowed



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HANDHOLE TYPICAL

24" X 36" X 30" NEW BASIS HAND HOLE

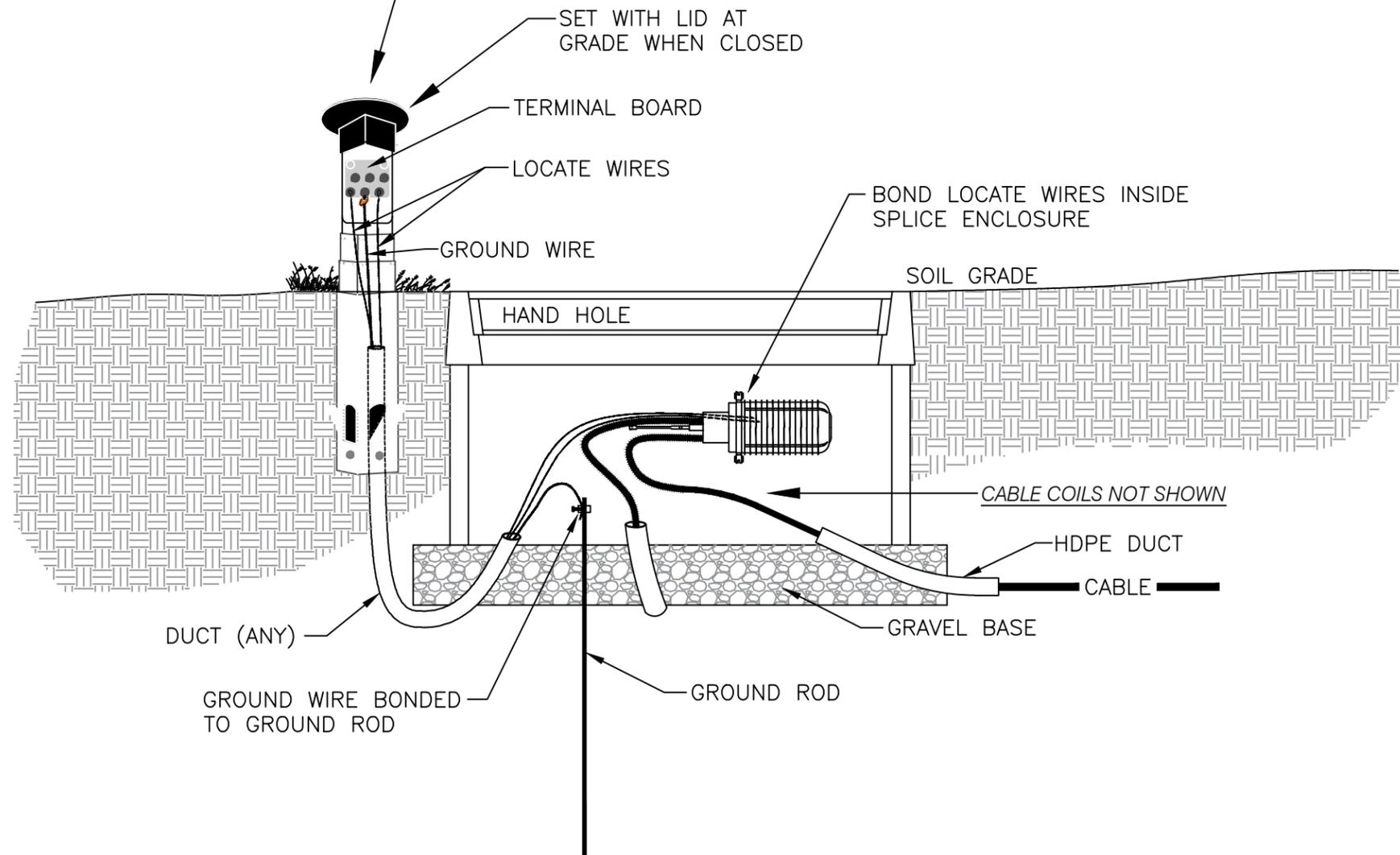


TYPICAL INSTALLATION OF HIDE-OUT LOCATE PEDESTAL



NOTES:

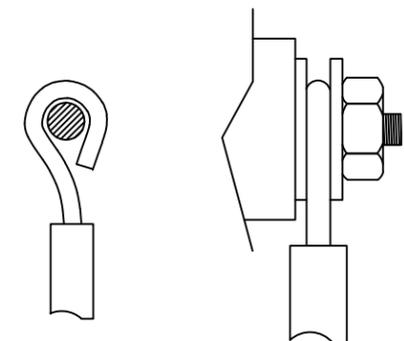
- LOCATE (TRACER) WIRE: #10 or #12 AWG SOLID COPPER WIRE
- GROUND WIRE: #6 OR #8 AWG SOLID BARE COPPER WIRE
- ONE LOCATE WIRE PER CABLE AT SPLICE ENCLOSURE
- LOCATE WIRE(S) TO BE BONDED INSIDE SPLICE ENCLOSURE WITH 3M SCOTCHLOK SHIELD BONDING KIT
- LOCATE WIRE(S) TO BE ROUTED OUTSIDE OF SPLICE ENCLOSURE WITH FOSC CLOSURE SEALING KIT
- LOCATE WIRE(S) TO BE ROUTED VIA DUCT TO LOCATE PEDESTAL AND TERMINATED AT TERMINAL BOARD
- GROUND LOCATE PEDESTAL TO GROUND ROD WITH SOLID BARE COPPER WIRE AND GROUND CLAMP
- SECURE LOCATE PEDESTAL TO STEEL POST WITH EXTERIOR GRADE ZIP TIES
- SET PEDESTAL AT OR NEAR RIGHT-OF-WAY, IF POSSIBLE



TRACER WIRE TERMINATION DETAIL

Termination of the locate wire at either a pedestal, puck, or in a splice case shall be made in the following fashion:

Strip off a minimum of 3/4" of insulation. Using a needle nose pliers bend a wire "eyelet" on the wire end in a clockwise manner. Use a flat washer on both sides of the wire eyelet when cinching it down on the stud. Flat washers shall be of appropriate size such that the hole matches the diameter of the stud and the outside diameter of the flat washer matches reasonably close to the eyelet diameter.



IOWA COMMUNICATIONS NETWORK

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CONSTRUCTION DETAIL
LOCATE PEDESTAL TYPICAL
RHINO HIDEOUT

TYPICAL LOCATE PEDESTAL

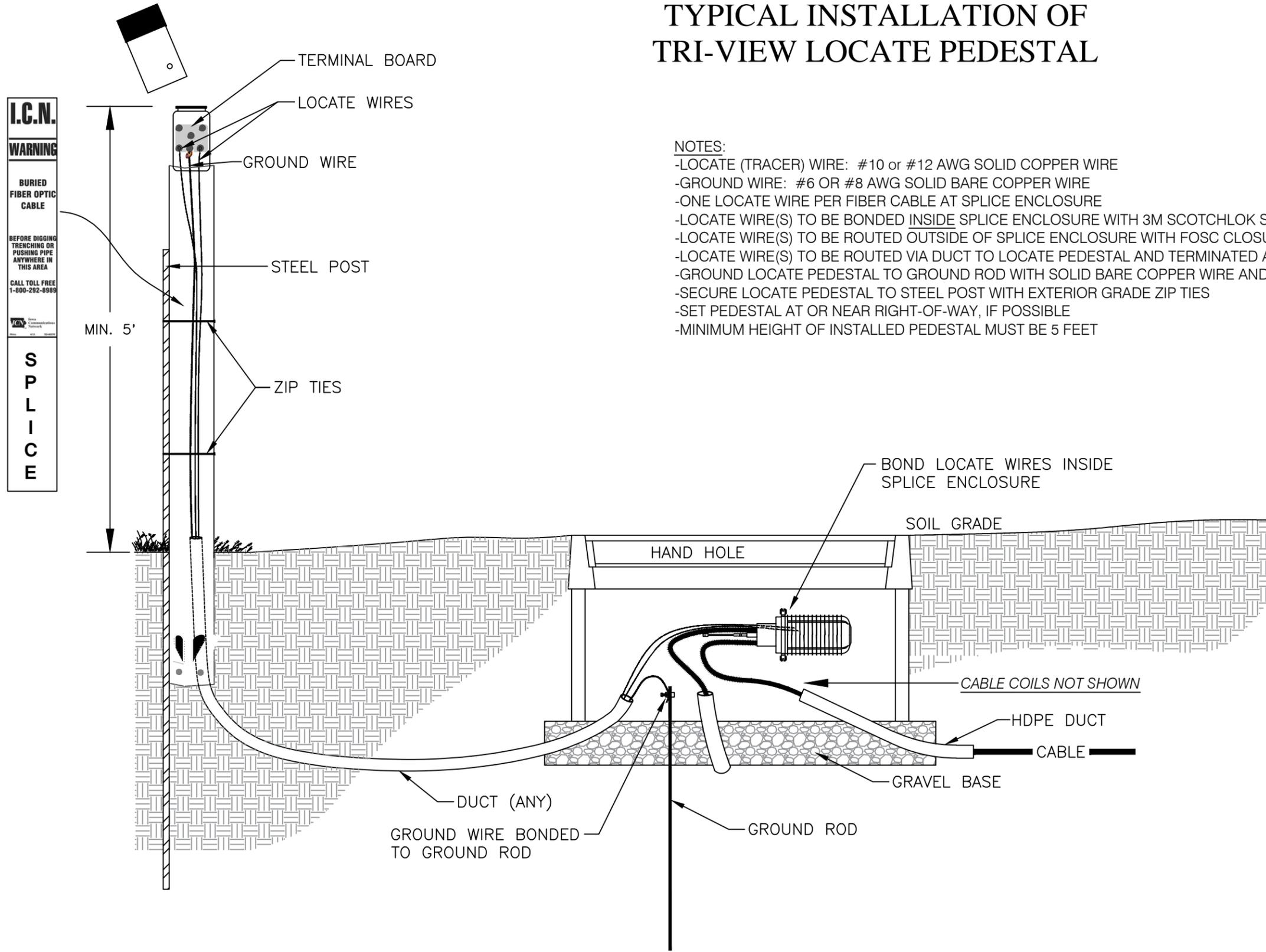
SCALE: NONE

SIZE: 11 x 17

1	FOR CONSTRUCTION	11-3-14	5		
2	UPDATE	3-13-15	6		
3	REVISION	8-21-15	7		
4	REVISION	9-4-15	8		

O:\AutoCAD Standards\TYPICALS\TYP_LOCATE PEDS.dwg

TYPICAL INSTALLATION OF TRI-VIEW LOCATE PEDESTAL



NOTES:

- LOCATE (TRACER) WIRE: #10 or #12 AWG SOLID COPPER WIRE
- GROUND WIRE: #6 OR #8 AWG SOLID BARE COPPER WIRE
- ONE LOCATE WIRE PER FIBER CABLE AT SPLICE ENCLOSURE
- LOCATE WIRE(S) TO BE BONDED INSIDE SPLICE ENCLOSURE WITH 3M SCOTCHLOK SHIELD BONDING KIT
- LOCATE WIRE(S) TO BE ROUTED OUTSIDE OF SPLICE ENCLOSURE WITH FOSC CLOSURE SEALING KIT
- LOCATE WIRE(S) TO BE ROUTED VIA DUCT TO LOCATE PEDESTAL AND TERMINATED AT TERMINAL BOARD
- GROUND LOCATE PEDESTAL TO GROUND ROD WITH SOLID BARE COPPER WIRE AND GROUND CLAMP
- SECURE LOCATE PEDESTAL TO STEEL POST WITH EXTERIOR GRADE ZIP TIES
- SET PEDESTAL AT OR NEAR RIGHT-OF-WAY, IF POSSIBLE
- MINIMUM HEIGHT OF INSTALLED PEDESTAL MUST BE 5 FEET

TRACER WIRE TERMINATION DETAIL

Termination of the locate wire at either a pedestal, puck, or in a splice case shall be made in the following fashion:

Strip off a minimum of 3/4" of insulation. Using a needle nose pliers bend a wire "eyelet" on the wire end in a clockwise manner. Use a flat washer on both sides of the wire eyelet when cinching it down on the stud. Flat washers shall be of appropriate size such that the hole matches the diameter of the stud and the outside diameter of the flat washer matches reasonably close to the eyelet diameter.

