



GRINNELL PUBLIC WORKS OR GROUNDS COMMITTEE REGULAR
SESSION MEETING
MONDAY, JUNE 15, 2026, AT 4:45 PM
IN THE COUNCIL CHAMBERS ON THE 2ND FLOOR OF CITY HALL
AND VIA ZOOM
[HTTPS://ZOOM.US/J/98012339390?PWD=UKRQBR4XMBBRMYS4ZBF
YGMQ2KAF99H.1](https://zoom.us/j/98012339390?pwd=UKRQBR4XMBBRMYS4ZBFYGMQ2KAF99H.1)

MEETING ID: 980 1233 9390
PASSCODE: 112814

TENTATIVE AGENDA

A. Roll Call:

B. Perfecting and Approval of Agenda:

C. Committee Business:

1. Consider approval of an Iowa DOT application and permit to sponsor highway planting at 1716 Spring Street.
2. Consider approval of a resolution approving an Airport Land Lease Agreement with Lowry Flying Service, Inc. and Ronald Lowry personally. (See Resolution No. 2026-87)
3. Consider approval of a request from Poweshiek Water Association to provide service to 459 390th Avenue.
4. Consider approval of a resolution approving contract Change Order No. 1 in the amount of \$62,200.00 for a net increase to the contract with InRoads Paving for the 16th Avenue Street Paving Project. (See Resolution No. 2026-88)
5. Consider approval of a resolution approving contract Change Order No. 1 in the amount of \$9,000.00 for a net increase to the contract with Construct, Inc. for the Broad Street Inlay Project. (See Resolution No. 2026-89)
6. Consider approval of a resolution approving contract Change Order No. 2 in the amount of \$21,220.00 for a net increase to the contract with Construct, Inc. for the Broad Street Inlay Project. (See Resolution No. 2026-90)
7. Consider approval of a right-of-way request from Windstream in the alley between 8th Avenue and 11th Avenue between Main Street and Broad Street.

Any person with a disability who requires a modification or accommodation in order to participate in the meeting, or any person with limited English proficiency (LEP) who requires language assistance to communicate with the City Council during the meeting, should contact the City Clerk, (641) 236-2600 or adevig@grinnelliowa.gov, no fewer than two business days prior to the meeting to enable the City of Grinnell to make reasonable arrangements to assure accessibility or language assistance for the meeting.

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8. Consider approval of a right-of-way request from Windstream for any area between 2nd Avenue and Highway 6 and between Holyoke Street and Oak Street.
9. Consider approval of a right-of-way request from Windstream for an area between 16th Avenue and 12th Avenue and between Spencer Street and West Street.
10. Consider approval of a resolution approving contract Change Order No. 9 in the amount of \$30,831.08 with WRH, Inc. for the Water Plant Project. (See Resolution No. 2026-91)
11. Consider approval of a right-of-way permit from Communication Data Link.

D. Inquiries: Public Comment

Visitors may address the Council/Board at this time; however, comments will be limited to 2 minutes. As per Iowa's Open Meetings Law, Council/Board can only listen during public comments and cannot take any action on items that are not posted on the agenda. Council may take issues under advisement and if needed refer them to a department head, Mayor's committee, or add them to a future agenda.

E. Adjourn:

Any person with a disability who requires a modification or accommodation in order to participate in the meeting, or any person with limited English proficiency (LEP) who requires language assistance to communicate with the City Council during the meeting, should contact the City Clerk, (641) 236-2600 or adevig@grinnelliowa.gov, no fewer than two business days prior to the meeting to enable the City of Grinnell to make reasonable arrangements to assure accessibility or language assistance for the meeting.

5. Access to the work site on controlled access facilities shall only be made from sideroads at grade separations and interchanges or from temporary breaks in the access control fence by the adjacent property owner or through an agreement with the adjacent property owner. No access will be allowed from the mainline or ramps.
6. The applicant shall carry on the work as required and authorized by this agreement with serious regard for the safety of the traveling public, adjacent property owners, and volunteers or employees of the applicant. Traffic control, when deemed necessary by the Department, shall be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways.
7. All work performed on the right-of-way shall be restricted to a time frame of 30 minutes after sunrise to 30 minutes before sunset.
8. Work shall be performed in a satisfactory, safe, and professional manner in accordance with the Department's Roadside Planting Sponsorship Guidelines and good construction practices.
9. Applicant(s) will provide adult supervision at the work site when volunteers or employees are 15 years of age or younger.
10. The Department reserves the right to terminate this agreement when, in the sole judgement of the Department, it is found that the applicant has not met its terms and conditions.
11. Applicant agrees to maintain the planting until _____

APPLICANT James Palmer By _____
Signature
 Address 1716 Spring St. Grinnell IA 50112 Date 5/20/26
 Telephone (314) 6915328 (Days) (314) 6915328 (Evenings)

APPROVAL OF CITY *(if proposed work is within an incorporated town or city, the city, the Council, or other governing authority of the town or city must grant approval of this request prior to submission to the Department.)*

"The undersigned city or town hereby approves the above application to sponsor highway planting within its corporate limits."

By _____ Date _____
Title

DEPARTMENT OF TRANSPORTATION APPROVAL

Reviewed by Roadside Development Section, Office of Design

Approved _____ Date _____
Authorized Highway District Representative

RESOLUTION NO. 2026-87

A RESOLUTION APPROVING AN AIRPORT LAND LEASE AGREEMENT BETWEEN THE CITY OF GRINNELL, IOWA AND LOWRY FLYING SERVICE, INC AND RONALD D. LOWRY PERSONALLY

WITNESSETH:

WHEREAS, the City of Grinnell, Iowa ("Lessor") owns and operates an airport known as the Grinnell Regional Airport and Lowry Flying Service, Inc., and Ronald D. Lowry personally ("Lessee") is desirous of leasing from the Lessor a certain parcel of land on the airport, hereinafter more fully described; and

WHEREAS, the Lessee will use the below described property for the purpose of constructing, maintaining, and operating a containment structure for loading, unloading, mixing, and rinsing of pesticides, fertilizers, and soil conditioners for aerial application by the Lessee or by regular employees of the Lessee; and

NOW, THEREFORE, for and in consideration of the rental charges, covenants, and agreements herein contained, the Lessee does hereby lease from the Lessor the following premises, rights, and easements on and to the airport upon the following terms and conditions.

1. **Property Description:** Please see attached A to this agreement. The property is located on the north side of the apron and east of the hangar commonly known as the GTE hangar.
2. **Containment Structure Construction.** The Lessee shall have the right to erect, maintain and alter structures upon the premises providing such structures conform to the requirements of the Environmental Protection Agency (EPA), Federal Aviation Administration (FAA), Iowa Department of Transportation (IDOT), the Iowa Department of Agriculture, the Iowa Administrative Code, and the City of Grinnell, Iowa. All plans for such structures shall be reviewed and approved in writing by the Lessor prior to construction. Construction of the containment structure shall be observed by both the Lessor and Lessee. The Lessee shall not begin operations, at the Airport, until all construction is complete and has been inspected and approved by the Lessor.
3. **Term.** The term of this lease shall renew automatically on July 1 of each year. To terminate the lease either party must give a 90-day notice prior to the renewal date. Upon termination of this lease, the Lessee, if requested by the Lessor, shall completely remove all facilities, equipment and improvements installed as part of this Lease and shall restore the site to its original condition all at the expense of the Lessee. At the option of the Lessor, title to the improvements shall revert to the Lessor at the expiration of this lease in lieu of removal, at no cost to the Lessor.
4. **Title.** Title to the improvements erected by the Lessee shall remain with the Lessee and shall be transferable, subject to the prior approval of the Lessor.
5. **Rent.** The Lessee agrees to pay to the Lessor for the use of the premises, rights, and easements herein described, a yearly rental of \$500 for the land leased payable on or before July 1st annually. It is understood and agreed that the rental rate specified shall be subject to reexamination and readjustment at the end of each three-year period of this lease, provided that any readjustment of present rates shall be reasonable.
6. **Use of Airport.** The Lessee shall have the right to the non-exclusive use, in common with others, of the airport parking areas, appurtenances and improvements; the right of ingress to and egress from the premises, which shall also extend to Lessee's employees and suppliers; the right, in common with others authorized to do so, to use common areas of the airport, including runways, taxiways, aprons, roadways, and other conveniences for the take-off, flying and landing of aircraft.
7. **Lessor Use of Leased Premises.** The Lessor shall have the right to use the Lessee's premises, as it sees fit, at any time so long as said use does not interfere with the lessee's operation.
8. **Laws and Regulations.** The Lessee agrees to observe and obey during the term of this lease all laws, ordinances, rules, and regulations promulgated and enforced by the Lessor, and by other proper authority having jurisdiction over the conduct of operations at the airport.

9. Hold Harmless. The Lessee agrees to hold the Lessor free and harmless from loss from each and every claim and demand of whatever nature made upon the behalf of or by any person or persons for any wrongful act or omission on the part of the Lessee, their agents, or employees, and from all loss or damages by reason of such acts or omissions.
10. Insurance. The Lessee agrees that they will deposit with the Lessor a policy of comprehensive liability insurance. The policy shall be issued by a company licensed to do business in Iowa and shall insure the Lessee against loss from liability to the amount of \$1,000,000 for the injury or death of one person in any one accident; and in the amount of \$2,000,000 for the injury or death of more than one person in any one accident; and in the amount of \$1,000,000 for damage to property of others for any one accident. The cancellation or other termination of any insurance policy issued in compliance with this section shall automatically terminate the lease unless another policy has been filed and approved pursuant to this section and shall be in effect at the time of such cancellation or termination. Lessee agrees that it will not conduct any operations without adequate insurance coverage in effect and with policy limits no less than as set forth above.
11. Maintenance. The Lessee will maintain the structures occupied by them and the surrounding land premises in good order and make such repairs as are necessary. Any water drainage problems that in the opinion of the Lessor are the result of the installation and operation of the containment structure shall be corrected by the Lessee to the satisfaction of the Lessor within 30 calendar days of written notice. The Lessee will make every effort to collect and dispose properly of any contaminated water and direct as much as reasonable of the uncontaminated surface water north to the east-west entrance road south ditch.
12. Right to Inspect. The Lessor reserves the right to enter upon the premises at any reasonable time for the purpose of making any inspection it may deem expedient to the proper enforcement of any of the covenants or conditions of this agreement.
13. Taxes. The Lessee shall pay all taxes or assessments that may be levied against the personal property of the Lessee or the structures which they may erect on lands leased exclusively to them.
14. Signs. The Lessee agrees that no signs or advertising matter may be erected without the consent of the Lessor.
15. Airport Development. The Lessor reserves the right to further develop or improve the airport as it sees fit, regardless of the desires or view of the Lessee, and without interference or hindrance. If the development of the airport conflicts with the any facilities, equipment or improvements developed by the Lessee as part of this Lease, or if the development jeopardizes any state or federal funding opportunities, the Lessor reserves the right to remove said facilities, equipment, or improvements without notice or compensation to the Lessee.
16. Rights and Privileges. This Lease does not extend any rights or privileges to the Lessee beyond those expressly stated herein.
17. Mediation. Any controversy or claim arising out of or relating to this Lease or any alleged breach thereof, which cannot be settled by the parties, will be mediated, in nonbinding mediation, by a mediator agreed upon by both the Lessor and Lessee, prior to either party filing any litigation in this matter.
18. Nondiscrimination. The Lessee for himself, his personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree that (1) no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over or under such land and the furnishing of services thereon, no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination, (3) that the tenant shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

That in the event of breach of any of the above nondiscrimination covenants, Lessor shall have the right to terminate the lease and to re-enter and as if said lease had never been made or issued. The provision shall not be

effective until the procedures of Title 49, Code of Federal Regulations, Part 21 are followed and completed, including exercise or expiration of appeal rights.

19. Exclusive Rights. Notwithstanding anything herein contained that may be, or appear to be, to the contrary, it is expressly understood and agreed that the rights granted under this agreement are nonexclusive and the Lessor herein reserves the right to grant similar privileges to another Lessee or other Lessees on other parts of the airport.

20. Airport Protection. It shall be a condition of this lease, that the Lessor reserves unto itself, its successors and assigns, for the use and benefit of the public, a right of flight for the passage of aircraft in the airspace above the surface of the real property hereinafter described, together with the right to cause in said airspace such noise as may be inherent in the operation of aircraft, now known or hereafter used, for navigation of or flight in the said airspace, and for use of said airspace for landing on, taking off from or operating on the airport.

That the Lessee expressly agrees for itself, its successors, and assigns, to restrict the location and height of structures, objects of natural growth and other obstructions on the hereinafter described real property to such a height so as to comply with Federal Aviation Regulations, Part 77.

That the Lessee expressly agrees for itself, its successors, and assigns, to prevent any use of the hereinafter described real property which would interfere with or adversely affect the operation or maintenance of the airport, or otherwise constitute an airport hazard.

21. Subordination Clause. This lease shall be subordinate to the provisions of any existing or future agreement between the Lessor and the United States or the State of Iowa relative to the operation or maintenance of the airport, the execution of which has been or may be required as a condition precedent to the expenditure of federal or state funds for the development of the airport. Furthermore, this lease may be amended to include provisions required by those agreements with the United States or the State of Iowa.

22. Default. The Lessee shall be deemed in default upon:

- a. Failure to pay rent within 30 days after due date.
- b. The filing of a petition under the Federal Bankruptcy Act or any amendment thereto including a petition for reorganization or an arrangement
- c. The commencement of a proceeding for dissolution or for the appointment of a receiver.
- d. The making of an assignment for the benefit of creditors.
- e. Violation of any restrictions in this lease, or failure to keep any of its covenants after written notice to cease such violation and failure to correct such violation within thirty days.

23. Lease Transfer. The Lessee may, at any time during the time of this lease, transfer this agreement, subject to the prior approval of the Lessor, if the aerial application business is sold.

Passed and approved this 15th day of June 2026.

LESSOR:

LESSEE:

By: _____

By: _____

Title: _____

Title: Mayor _____

ATTEST:

Alyssa Devig, City Clerk/Finance Director

Poweshiek Water Association



PO Box 504 125 Industrial Drive
Brooklyn, IA 52211
641-522-7416 X102
E-mail: travis@poweshiekwater.com



June 8, 2026

Mr. Russ Behrens
520 4th Ave
Grinnell, IA 50112

RE: Water Service 459 390th Ave

Mr. Behrens,

Poweshiek Water Association has the capacity to serve the new residences at 459 390th Ave. Poweshiek Water Association is asking the City of Grinnell permission to serve this residence. Once a decision has been reached, please contact me about the outcome.

Best Wishes,

A handwritten signature in blue ink that reads 'Travis Henkle'.

Travis Henkle
Line Extension Coordinator



15

14

459

GRAMI

390TH AVE

500TH ST

22

23

RESOLUTION NO. 2026-88

A RESOLUTION APPROVING CONTRACT CHANGE ORDER NO. 1 IN THE AMOUNT OF \$62,200.00 FOR A NET INCREASE TO THE CONTRACT WITH INROADS PAVING FOR THE 16TH AVENUE STREET PAVING PROJECT.

WHEREAS, the City of Grinnell did enter into a contract with InRoads Paving on April 6, 2026, for the 16th Avenue Street Paving Project; and

WHEREAS, InRoads Paving has submitted Contract Change Order No. 1 for a net increase in the contract of \$62,200.00; and

WHEREAS, the Project Engineer has reviewed the change order and recommends approval of Contract Change Order No. 1; and

NOW, THEREFORE, BE IT RESOLVED, by the City Council of Grinnell, Iowa, in regular session this 15th day of June 2026 that the contract amount has increased by \$62,200.00 in accordance with Contract Change Order No. 1 is hereby approved as executed.

Passed and approved this 15th day of June 2026.

Sarah Smith, Mayor Pro-Tem

Attest:

Alyssa Devig, City Clerk/Finance Director



Date June 9, 2026

CHANGE ORDER NO. 1

CITY OF GRINNELL, IOWA
16th AVENUE PAVING PROJECT

Change Order No. 1 is associated with the additional work for increasing the paving section to extend the expected life significantly. Due to favorable bids, this increase in total cost is within the engineer’s estimated cost for the project.

The attached is the referenced justification for the cost of the change order and has been reviewed and is attached for further information.

Change Order No. 1 increases the contract by \$62,200.00

The new contract amount for the project is \$511,763.00

VEENSTRA & KIMM

By *[Signature]*
Title *City Eng.*
Date *6/9/2026*

CITY OF GRINNELL

By _____
Title _____
Date _____

ATTEST:

By _____
Title _____
Date _____

INROADS

ASPHALT PAVING + MATERIALS

InRoads Paving
 4761 NE 20TH Lane
 Des Moines, Iowa 50317
 Phone: 515.348.8148
 Fax: 515.266.0998
WWW.INROADSPAVING.COM

To: City Of Grinnell	Contact: Greg Roth
Address: Grinnell, IA	Phone:
	Fax:
Project Name: 6" HMA PROPSAL Grinnell 16th Street Paving	Bid Number: Change Request
Project Location: 16th Street, Grinnell, IA	Bid Date: 6/8/2026

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
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ADD ITEMS Replace Bid Items 8 & 9

8A	3" RAP For Shoulders Replacing 1st Lift Of Bid Item 9	1,425.00	SY	\$9.00	\$12,825.00
8B - 9A	4" HMA Base 3/4" Mix PG 58-28H Replacing Bid Items 8 & Top Lift Of 9	4,125.00	SY	\$28.00	\$115,500.00
9B	2" HMA Surface 1/2" PG 28-28H ADD Item	4,125.00	SY	\$15.00	\$61,875.00
Total Price for above ADD ITEMS Replace Bid Items 8 & 9 Items:					\$190,200.00

BID ITEMS Less Items 8 & 9

1	Demolition Work, Concrete Rubble Removal	1.00	LS	\$1,350.00	\$1,350.00
2	Construction Survey	1.00	LS	\$5,900.00	\$5,900.00
3	Mobilization	1.00	LS	\$42,000.00	\$42,000.00
4	Storm Sewer, Trenched, PVC 12"	570.00	LF	\$38.00	\$21,660.00
5	Fire Hydrant Adjustment	1.00	EACH	\$3,000.00	\$3,000.00
6	Intake, SW-512, 24"	5.00	EACH	\$6,000.00	\$30,000.00
7	Intake Adjustment, Minor	1.00	EACH	\$1,500.00	\$1,500.00
10	Removal of Driveway	85.00	SY	\$18.00	\$1,530.00
11	Sidewalk, PCC, 6" (Thickness)	28.00	SY	\$86.00	\$2,408.00
12	Detectable Warning	24.00	SF	\$45.00	\$1,080.00
13	Driveway, Paved, HMA 8"	172.00	SY	\$120.00	\$20,640.00
14	Full Depth Reclamation	2,800.00	SY	\$2.40	\$6,720.00
15	Painted Pavement Markings, Solvent/Waterborne	1.00	LS	\$4,000.00	\$4,000.00
16	Temporary Traffic Control	1.00	LS	\$17,500.00	\$17,500.00
17	Traffic Signs	1.00	LS	\$2,500.00	\$2,500.00
18	Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 1	2.00	ACRE	\$4,750.00	\$9,500.00
19	SWPPP Preparation	1.00	LS	\$1,000.00	\$1,000.00
20	SWPPP Management	1.00	LS	\$3,600.00	\$3,600.00
21	Inlet Protection Device	1.00	EACH	\$250.00	\$250.00
22	Filter Sock, 8"	1,800.00	LF	\$2.00	\$3,600.00
23	Filter Socks, Removal	1,800.00	LF	\$0.75	\$1,350.00
24	Turf Reinforcement Mats, Type 2	250.00	SQR	\$33.50	\$8,375.00
25	Earth Shoulders	22.00	ST	\$300.00	\$6,600.00
26	Embankment in Place	3,000.00	CY	\$33.75	\$101,250.00
27	Temporary Surfacing	50.00	TON	\$85.00	\$4,250.00
28	Parcel Accommodation #1	1.00	LS	\$2,500.00	\$2,500.00
29	Parcel Accommodation #2	1.00	LS	\$1,250.00	\$1,250.00
30	Parcel Accommodation #3	1.00	LS	\$7,250.00	\$7,250.00
31	UPRR Contractor's Right of Entry Agreement	1.00	LS	\$9,000.00	\$9,000.00
Total Price for above BID ITEMS Less Items 8 & 9 Items:					\$321,563.00

Total Bid Price: \$511,763.00

RESOLUTION NO. 2026-89

A RESOLUTION APPROVING CONTRACT CHANGE ORDER NO. 1 IN THE AMOUNT OF \$9,000.00 FOR A NET INCREASE TO THE CONTRACT WITH CON-STRUCT, INC. FOR THE BROAD STREET INLAY PROJECT.

WHEREAS, the City of Grinnell did enter into a contract with Con-Struct, Inc. on May 19, 2025, for the 16th Avenue Street Paving Project; and

WHEREAS, Con-Struct, Inc. has submitted Contract Change Order No. 1 for a net increase in the contract of \$9,000.00; and

WHEREAS, the Project Engineer has reviewed the change order and recommends approval of Contract Change Order No. 1; and

NOW, THEREFORE, BE IT RESOLVED, by the City Council of Grinnell, Iowa, in regular session this 15th day of June 2026 that the contract amount has increased by \$9,000.00 in accordance with Contract Change Order No. 1 is hereby approved as executed.

Passed and approved this 15th day of June 2026.

Sarah Smith, Mayor Pro-Tem

Attest:

Alyssa Devig, City Clerk/Finance Director

Con-Struct, Inc.

1710 East Main Street, Marshalltown, IA 50158

Ph.: (641) 752-1865 Fax: (641) 752-5905

Date: 08/25/25

Project: Broad Street Inlay
Grinnell, Iowa

Change Order Request #01:

To raise storm manhole at corner of Broad Street and Garfield Avenue to grade:

Con-Struct, Inc.:	Storm Manhole Raised to Grade	= \$ 9,000.00
Subcontractors:	N/A	= \$ <u>0.00</u>
		SUBTOTAL = \$ 9,000.00
		Mark-Up on Subcontractors (10%) = \$ <u>0.00</u>
		<u>TOTAL = \$ 9,000.00</u>

Con-Struct, Inc.

Signed *Kendall Meyeraan*

Title Project Manager

Date 08/25/25

Approved By

Name _____

Title _____

Date _____

Con-Struct, Inc.

1710 East Main Street, Marshalltown, IA 50158

Ph.: (641) 752-1865 Fax: (641) 752-5905

Date: 08/25/25

Project: Broad Street Inlay
Grinnell, Iowa

Change Order Request #02:

To remove existing culvert under Broad Street, replace culvert with 36" RCP (with no flared end sections), and patch Broad Street with rock:

Con-Struct, Inc.:	Remove and Replace Culvert, 50 LF	= \$ 21,220.00
Subcontractors:	N/A	= \$ 0.00
		SUBTOTAL = \$ 21,220.00
		Mark-Up on Subcontractors (10%) = \$ 0.00
		<u>TOTAL = \$ 21,220.00</u>

Con-Struct, Inc.

Signed Kendall Meyeraan

Title Project Manager

Date 08/25/25

Approved By

Name _____

Title _____

Date _____

RESOLUTION NO. 2026-90

A RESOLUTION APPROVING CONTRACT CHANGE ORDER NO. 2 IN THE AMOUNT OF \$21,220.00 FOR A NET INCREASE TO THE CONTRACT WITH CON-STRUCT, INC. FOR THE BROAD STREET INLAY PROJECT.

WHEREAS, the City of Grinnell did enter into a contract with Con-Struct, Inc. on May 19, 2025, for the 16th Avenue Street Paving Project; and

WHEREAS, Con-Struct, Inc. has submitted Contract Change Order No. 2 for a net increase in the contract of \$21,220.00; and

WHEREAS, the Project Engineer has reviewed the change order and recommends approval of Contract Change Order No. 2; and

NOW, THEREFORE, BE IT RESOLVED, by the City Council of Grinnell, Iowa, in regular session this 15th day of June 2026 that the contract amount has increased by \$21,220.00 in accordance with Contract Change Order No. 2 is hereby approved as executed.

Passed and approved this 15th day of June 2026.

Sarah Smith, Mayor Pro-Tem

Attest:

Alyssa Devig, City Clerk/Finance Director

CITY OF GRINNELL

New info and procedures are highlighted and effective as of 4/1/2022

PUBLIC RIGHT-OF-WAY COMMUNICATIONS SYSTEM LICENSE APPLICATION ORDINANCE NO. 1060

**THIS APPLICATION WILL NOT BE FORMALLY REVIEWED FOR APPROVAL
UNTIL AFTER AN ON-SITE MEETING HAS
OCCURRED WITH THE INSTALLATION CREW**

1.	Applicant:	Windstream Iowa Communications, LLC	4005 N Rodney Parham Rd
		Name	Address
		Little Rock, AR, 72212	706-279-7621
		City, State Zip	Telephone

2.	Contact Info for Installation Crew:	Shanda Bryson	4005 N Rodney Parham Rd
		Name	Address
		Little Rock, AR, 72212	706-279-7621
		City, State Zip	Telephone

3. Application requires an engineering site plan for the proposed system that is to be placed within the City Right-of-way. Check off each of these items as they are included on the site plan:

- Plans drawn to scale.
- Street names.
- Right-of-way widths.
- Pavement widths.
- Sidewalk location and width including sidewalk ramps.
- Obstacles or improvements that are in or near the work area.
An example of such are: existing trees, fence, drainage structures,
Water stop-boxes, ditches, and utility vaults.
- Horizontal and vertical location and physical size of the proposed utility.
- Proposed construction work method such as “open cut” or “bore”.
- A drawing and explanation of concrete or asphalt restoration.
- Information regarding sod work and tree replacement.
- Location of other existing utilities within the work area.
- Typical detail sections where special attention is required for some restoration work.
- Excavation soil replacement and compaction requirements. Aggregate replacement under street surfaces, soil backfill outside of 5’ from edge of street surface.
- Detailed time schedule.
- Address of adjacent properties.
- Legal description of communication system location.

4. List any other items of concern particular to this project:

5. **Pre-Installation Meeting:** Before any work begins an on-site meeting with a City of Grinnell Representative must occur to go over the proposed project and verify any hazards or issues that must be taken note of. Work that begins without this meeting may result in Civil Citations being issued against the parties listed on this application. This project will not be reviewed for approval until the on-site meeting has occurred.
6. **Administrative Fee:** An Administrative fee of \$50.00 shall be due and payable to the City Engineer at the time of filing of the initial license application and at the time of filing of each proposed amendment to the license. (Attach copy of receipt) Receipt No. _____.
7. **Use Fee: (Serving no additional customers)** If the licensed serves no customers other than itself, then in addition to the Administrative Fee, the licensee shall pay a use fee to the City Engineer at the time of filing of the initial license application. The amount of the use fee shall be the greater of the following two (2) amounts: \$100.00 or \$1.00 per lineal foot of route traversed by the communication line within any public right-of-way in a C-2 zone and \$0.50 per lineal foot in any other part of the city. At the time of filing of each proposed amendment to the license involving an increase in the length of route traversed within public right-of-way, the licensee shall pay to the City Engineer an additional fee computed at the rate of \$1.00 per lineal foot of additional route of traversed within any public right-of-way.

(Serving additional customers) If the licensed system serves customers other than the licensee itself, then, in addition to the administrative fee, the licensee shall pay an annual use fee to the City Engineer. The annual use fee shall be based on a license year ending on March 31 of each year, and the use fee for each license year shall be due and payable at the end of such year on March 31, or if the license has terminated during such year, on the date of termination. The amount of the annual use fee shall be the greater of the following two (2) amounts: \$100.00, or three percent of the gross revenues derived by the licensee from the sale or exchange of services in connection with the operation of the licensee’s communications system within the public right- of-way during the license year. Each annual use fee payment shall be accompanied by a report from the licensee in a form approved by the City Manager and the city legal department showing the basis for the computation of the fee and such other relevant data as may be required by the City Manager and the city legal department. Each such report shall contain a notarized verification by the chief financial officer of the licensee, and upon request by the city, such reports shall be verified by a certified public accountant at the expense of the licensee.

Office Use Only

Fees:	Administrative Fee:		<u>\$50.00</u>
	Use Fee:		
	(No Additional Customers) Greater of \$100.00 or:		
	Linear Feet Within C-2: _____	x \$1.00	_____
	Linear Feet Outside C-2: <u>1098</u>	x \$0.50	<u>549.00</u>
		Total:	<u>\$ 599.00</u>

(Additional Customers) Greater of \$100.00 or 3% Gross Revenues from Services. Paid annually.

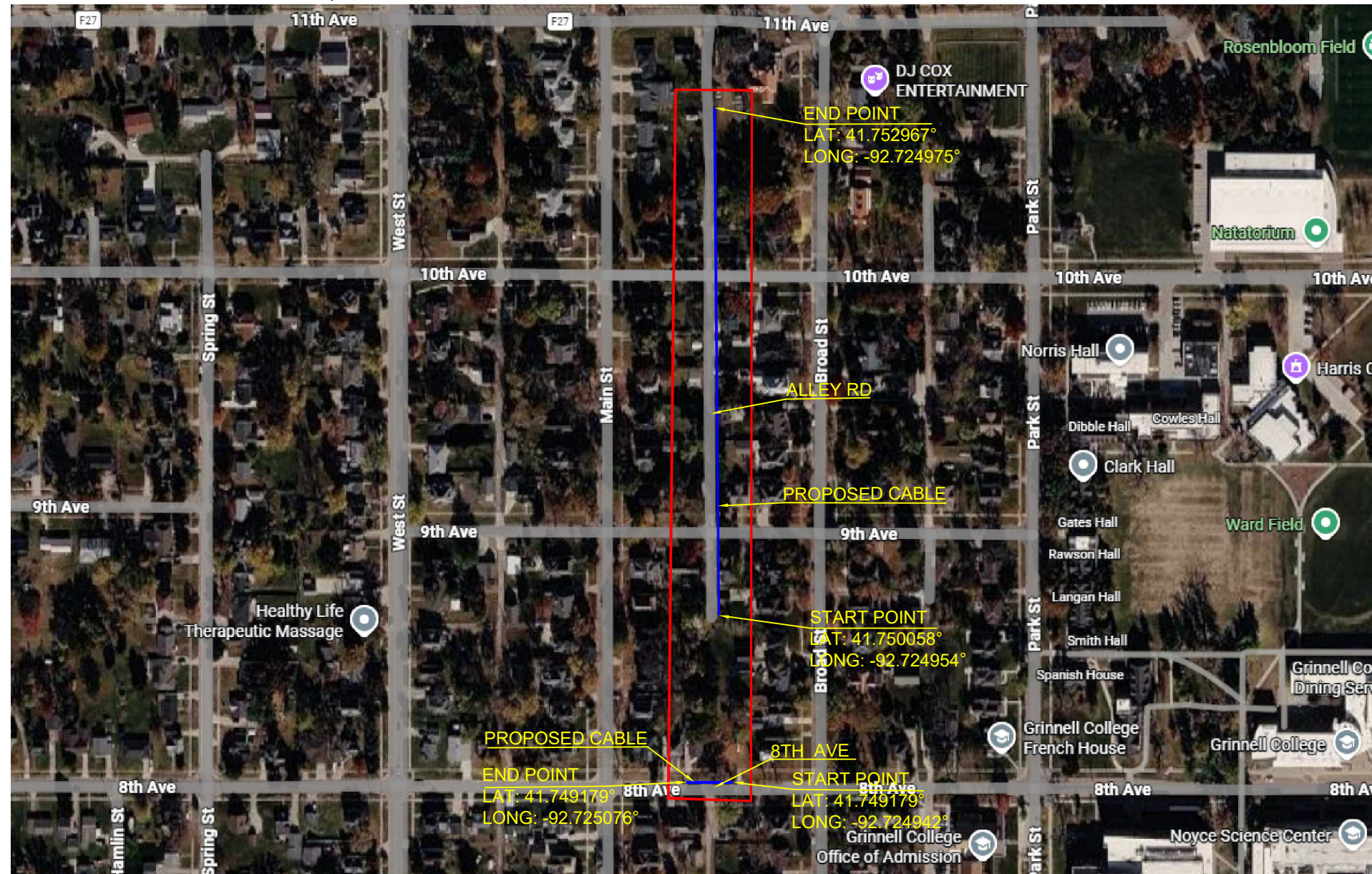
Date of Acceptance 6-10-2026

Date of Approval _____

Staff TA

VICINITY MAP

KINETIC LOCATION MAP-GRINNELL CITY
 FOR ALL CROSSING AND LONGITUDINAL UTILITY DEPTH UNDER ALL PAVEMENT SURFACE WILL BE 4 FT AND UNDER UNPAVED SURFACE WILL BE 3 FT.
 PROJECT NAME : SEFH6576.
 KINETIC PROPOSED TO PLACE 1,098' OF 48-CT BURIED CABLE WITH IN THE ROW.
 DIRECT BURY =37' , DIRECT BORE =1,061'.
 NUM OF PROP 8' PEDS=5 AND PROP 10' PEDS=1.
 TOTAL PROPOSED CABLE =1,098'.



ENG MANAGER JUSTIN ALBRITTON
 JUSTIN.ALBRITTON@CYIENT.COM
 CONTACT:469-790-3069

DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	1,061' L.F
DIRECT BURIED	37' L.F
TRENCH	0' L.F
DRY BORE	0' L.F
TOTAL	1,098' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	5 E.A
10" PED	1 E.A
AERIAL TERMINAL	0 E.A

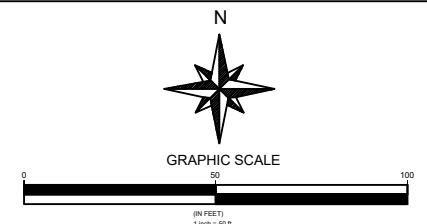
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 03/30/2026

DATE REVISED:

DRAWN BY: CYIENT.INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362207

DESCRIPTION:
 SEFH6576
 COA26_SERVING_AREA

MAP: VICINITY MAP

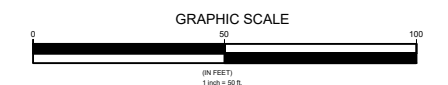
CYIENT INC

LEGEND			
JOINT USEPOWER POLE		PROPOSED PED	
UTILITY POLE		PROPOSED AERIAL TERMINAL	
DIRECT BURIED FOC		EXISTING AERIAL TERMINAL	
BORE		BORE PIT 5'x4'x4'	
TRENCH		EXISTING HH	
INNERDUCT		EXISTING FIBER PED	
DRY BORE		EXISTING COPPER PED	
NEW STRAND		CULVERT	
ELASH		EXISTING KINETIC FIBER PLACEMENT TYPE- AERIAL	
12.7 MM OF 2W MICRO DUCT BY DIRECT BORE		EXISTING KINETIC FIBER PLACEMENT TYPE- BURIED	
12.7 MM OF 2W MICRO DUCT BY DIRECT BURY		EXISTING KINETIC COPPER PLACEMENT- AERIAL	
12.7 MM OF 2W MICRO DUCT BY TRENCH		EXISTING KINETIC COPPER PLACEMENT- BURIED	
EDGE OF PAVEMENT		EXISTING MANHOLE	
RIGHT OF WAY		GAS MARKER	
CENTER LINE		UTILITY MARKER	
BACK OF CURB		WATER HYDRANT	
EDGE OF TRAVEL LINE		RR TRACK	
SIDEWALK		BRIDGE	
DRIVEWAY		GAS LINE	
DITCH LINE		WATER LINE	
EXISTING KINETIC AERIAL CABLE		SEWER LINE	
EXISTING KINETIC BURIED CABLE		STORM LINE	
EXISTING WIN AERIAL CABLE		ELECTRIC LINE	
EXISTING WIN BURIED CABLE			
EXISTING FDH			
PROPOSED FDH			

DATE CREATED: 03/30/2026

DATE REVISED:

DRAWN BY: CYIENT.INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362207

DESCRIPTION:
SEFH6576
COA26_SERVING_AREA

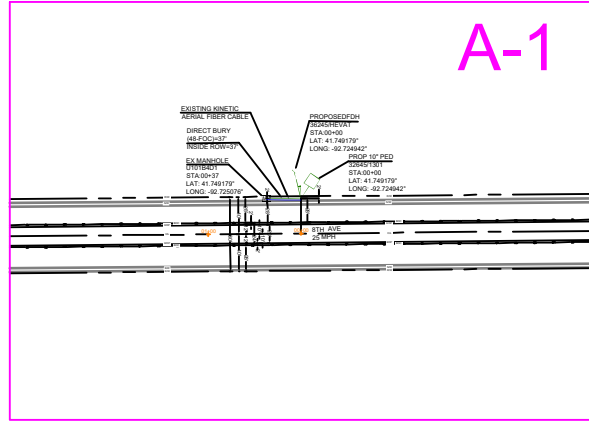
MAP: LEGEND

CYIENT INC

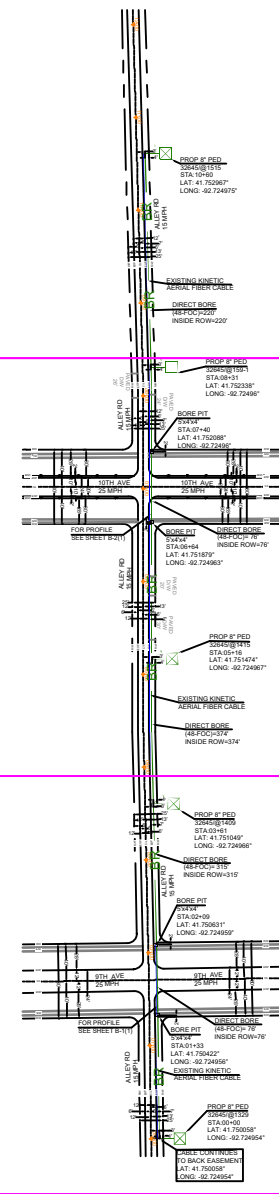
8TH AVE

ALLEY

A-1



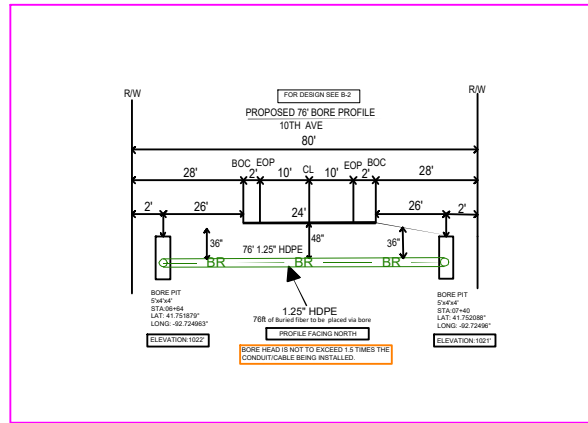
B-3



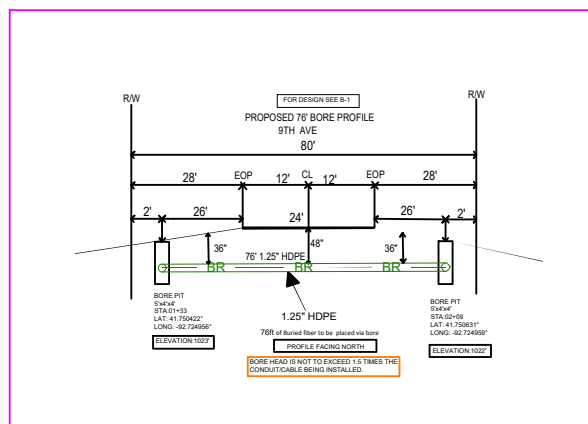
B-2

B-1

B-2(1)



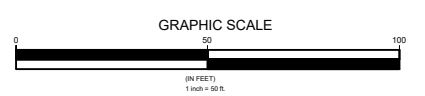
B-1(1)



DATE CREATED: 03/30/2026

DATE REVISED:

DRAWN BY: CYIENT.INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA


PROJECT NUMBER: 713362207

DESCRIPTION:
SEFH6576
COA26_SERVING_AREA

MAP: KEYMAP

CYIENT INC

ENG MANAGER JUSTIN ALBRITTON
 JUSTIN.ALBRITTON@CYIENT.COM
 CONTACT:469-790-3069

 DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	37' L.F
TRENCH	0' L.F
DRY BORE	0' L.F
TOTAL	37' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	0 E.A
10" PED	1 E.A
AERIAL TERMINAL	0 E.A

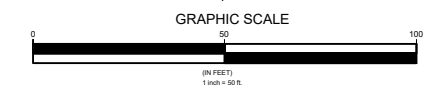
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 03/30/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

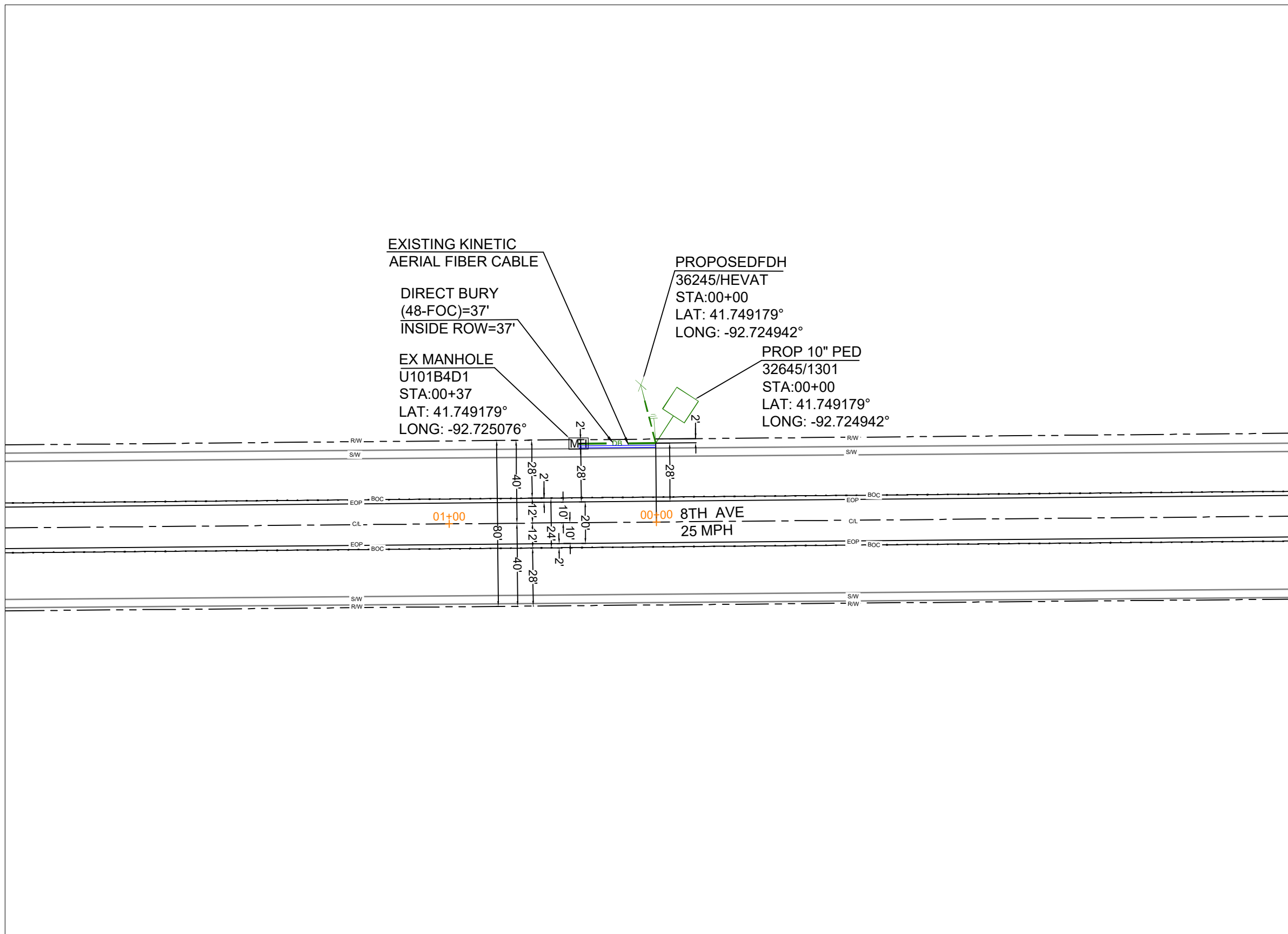
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362207

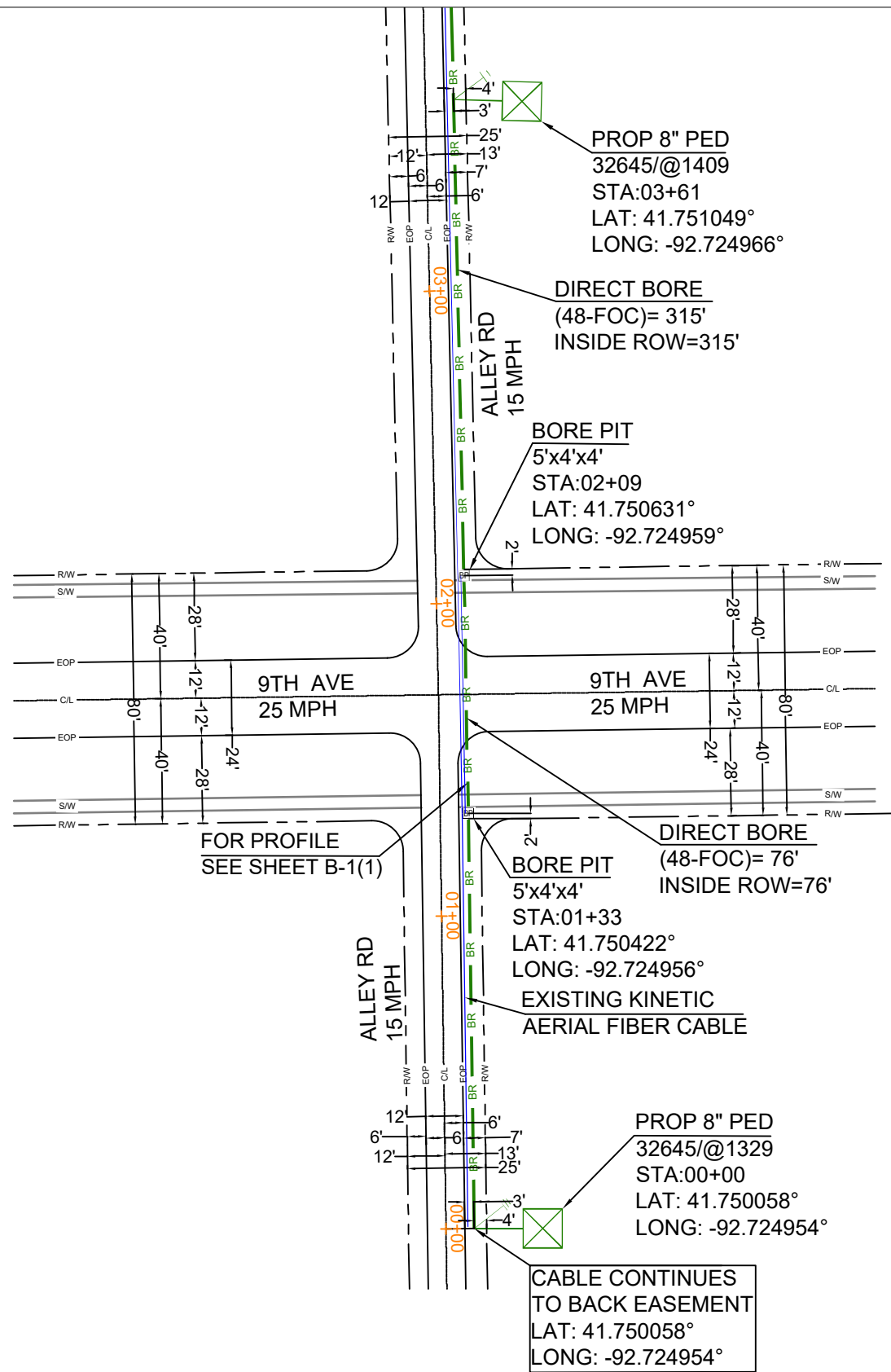
DESCRIPTION:
 SEFH6576
 COA26_SERVING_AREA

SHEET: **A-1**

CYIENT INC



B-2 (STA: 03+80)



ENG MANAGER JUSTIN ALBRITTON
 JUSTIN.ALBRITTON@CYIENT.COM
 CONTACT:469-790-3069

DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

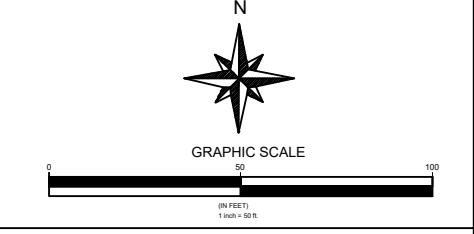
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	391' L.F
DIRECT BURIED	0' L.F
TRENCH	0' L.F
DRY BORE	0' L.F
TOTAL	391' L.F

STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	2 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 03/30/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL IA
 PROJECT NUMBER: 713362207
 DESCRIPTION:
 SEFH6576
 COA26_SERVING_AREA

SHEET: **B-1**

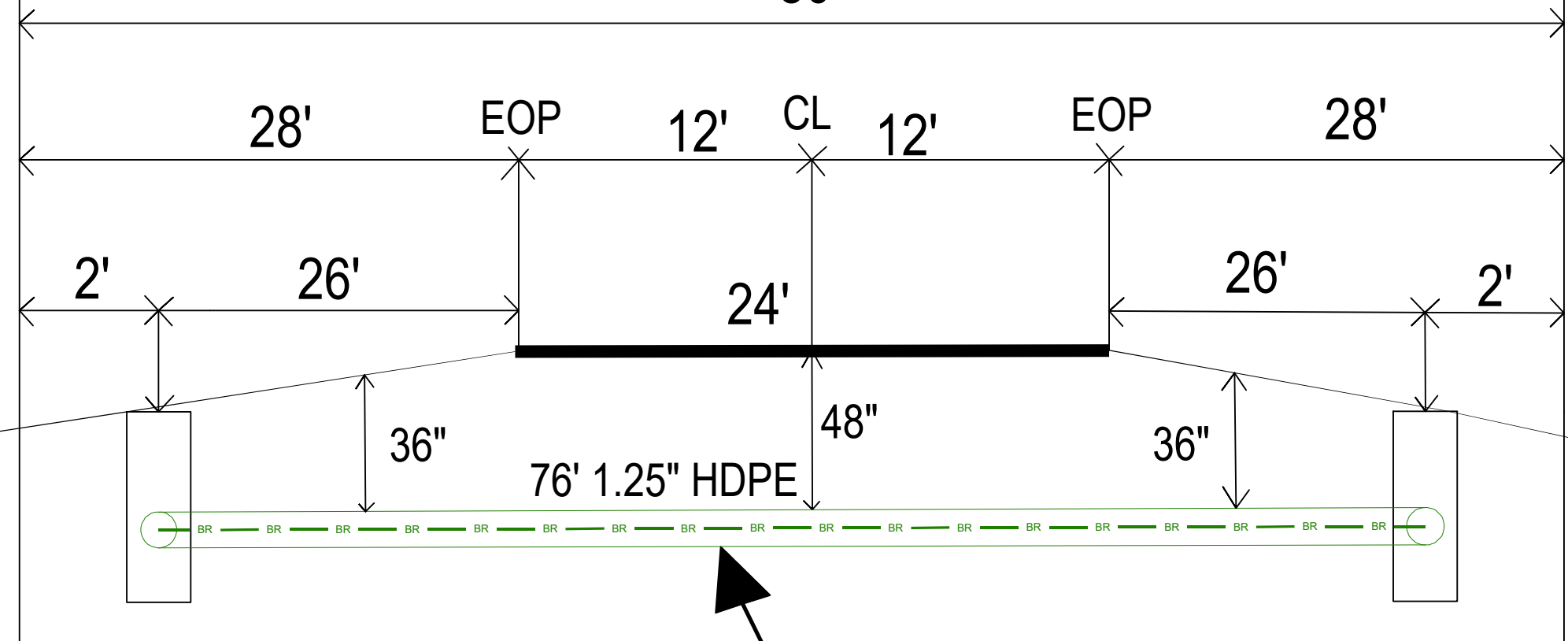
CYIENT INC

R/W

R/W

FOR DESIGN SEE B-1

PROPOSED 76' BORE PROFILE 9TH AVE 80'



BORE PIT
 5'x4'x4'
 STA:01+33
 LAT: 41.750422°
 LONG: -92.724956°
 ELEVATION:1023'

BORE PIT
 5'x4'x4'
 STA:02+09
 LAT: 41.750631°
 LONG: -92.724959°
 ELEVATION:1022'

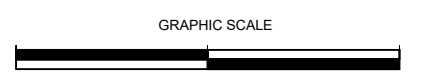
1.25" HDPE

76ft of Buried fiber to be placed via bore

PROFILE FACING NORTH

BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE CONDUIT/CABLE BEING INSTALLED.

DATE CREATED: 03/30/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC

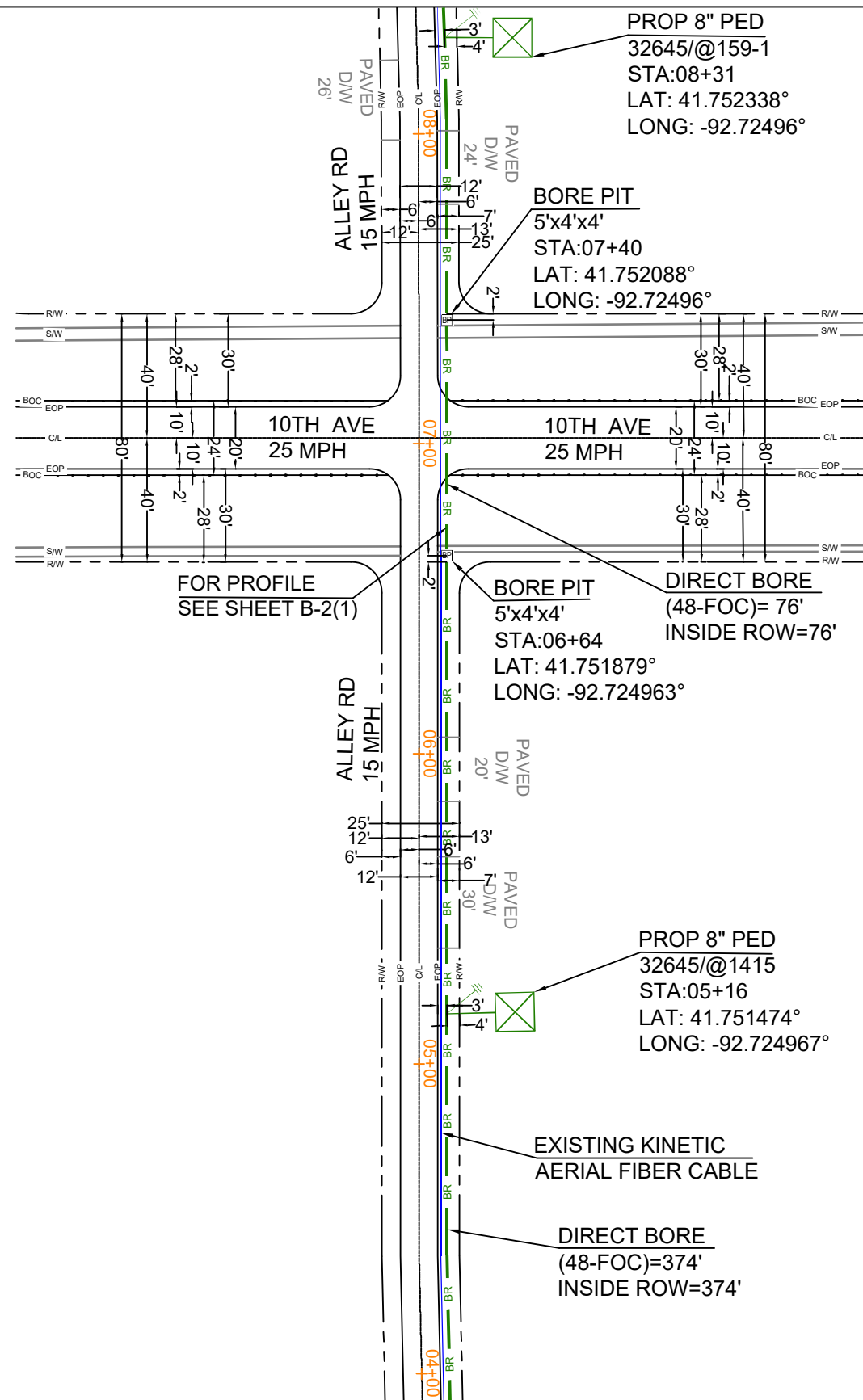


COMPANY: KINETIC
 SYSTEM: GRINNELL_IA
 PROJECT NUMBER: 713362207
 DESCRIPTION:
 SEFH6576
 COA26_SERVING_AREA

SHEET: B-1(1)

CYIENT INC

B-3 (STA: 08+30)



B-1 (STA: 03+80)

ENG MANAGER JUSTIN ALBRITTON
 JUSTIN.ALBRITTON@CYIENT.COM
 CONTACT: 469-790-3069

DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	450' L.F
DIRECT BURIED	0' L.F
TRENCH	0' L.F
DRY BORE	0' L.F
TOTAL	450' L.F

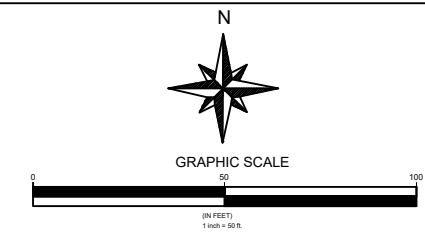
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	2 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 03/30/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

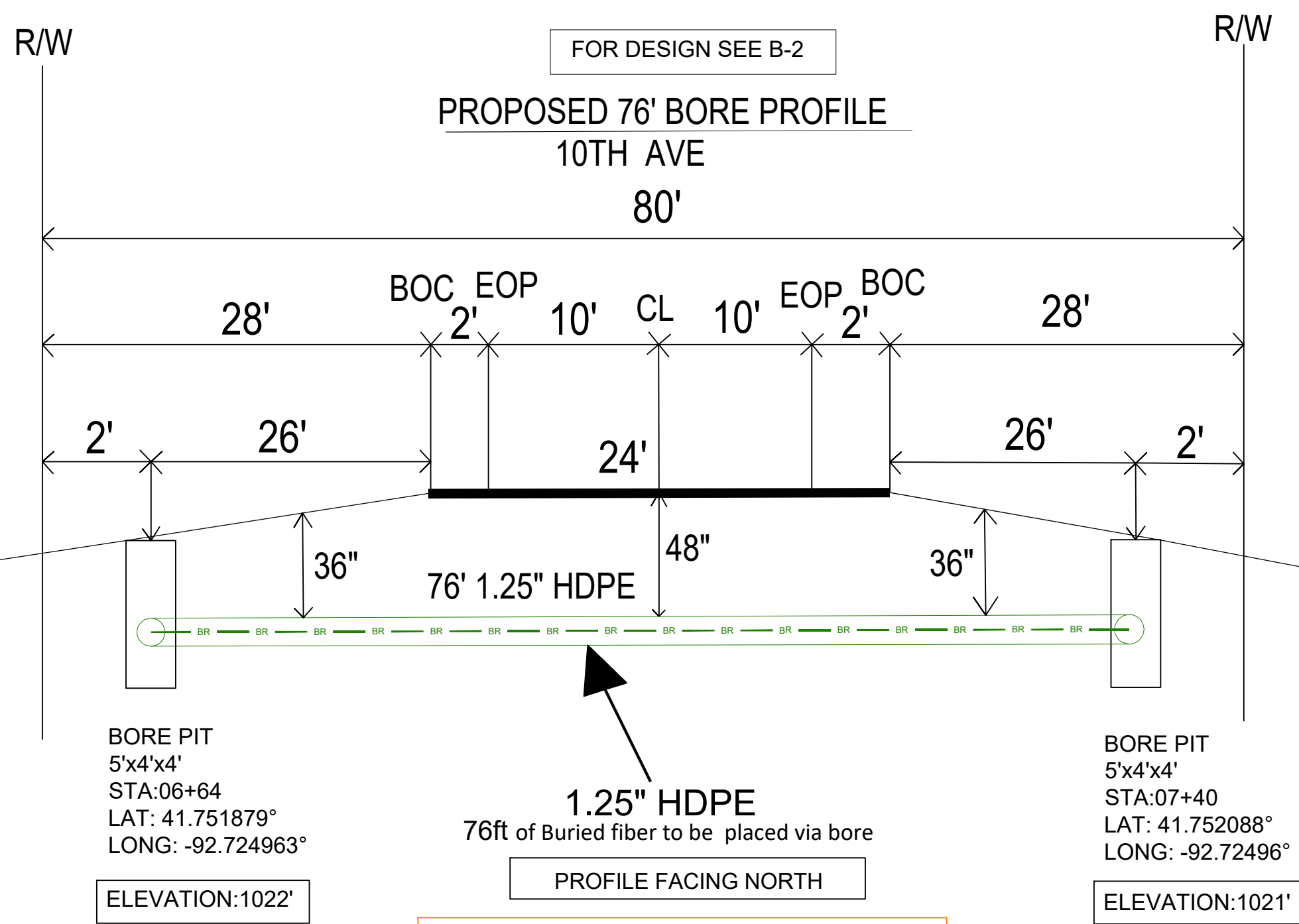
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362207

DESCRIPTION:
 SEFH6576
 COA26_SERVING_AREA

SHEET: **B-2**

CYIENT INC



FOR DESIGN SEE B-2

PROPOSED 76' BORE PROFILE
10TH AVE
80'


BORE PIT
5'x4'x4'
STA:06+64
LAT: 41.751879°
LONG: -92.724963°
ELEVATION:1022'

BORE PIT
5'x4'x4'
STA:07+40
LAT: 41.752088°
LONG: -92.72496°
ELEVATION:1021'

1.25" HDPE
76ft of Buried fiber to be placed via bore
PROFILE FACING NORTH
BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE
CONDUIT/CABLE BEING INSTALLED.

DATE CREATED:	03/30/2026
DATE REVISED:	
DRAWN BY:	CYIENT INC
GRAPHIC SCALE	
COMPANY:	KINETIC
SYSTEM:	GRINNELL_IA
PROJECT NUMBER:	713362207
DESCRIPTION:	SEFH6576 COA26_SERVING_AREA
SHEET:	B-2(1)
CYIENT INC	

ENG MANAGER JUSTIN ALBRITTON
 JUSTIN.ALBRITTON@CYIENT.COM
 CONTACT: 469-790-3069

 DIG ALERT: 811, KNOW WHAT'S BELOW, PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	220' L.F
DIRECT BURIED	0' L.F
TRENCH	0' L.F
DRY BORE	0' L.F
TOTAL	220' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	1 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

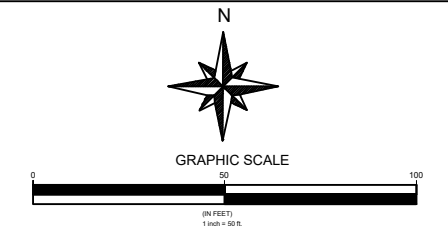
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 03/30/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

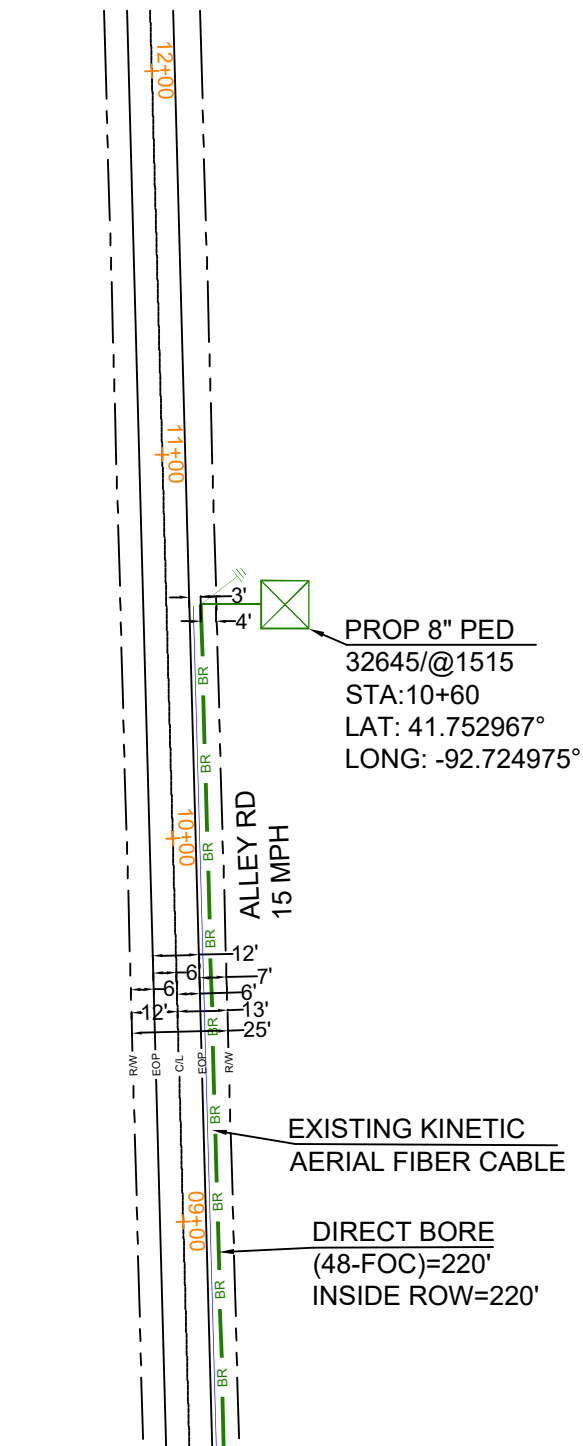
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362207

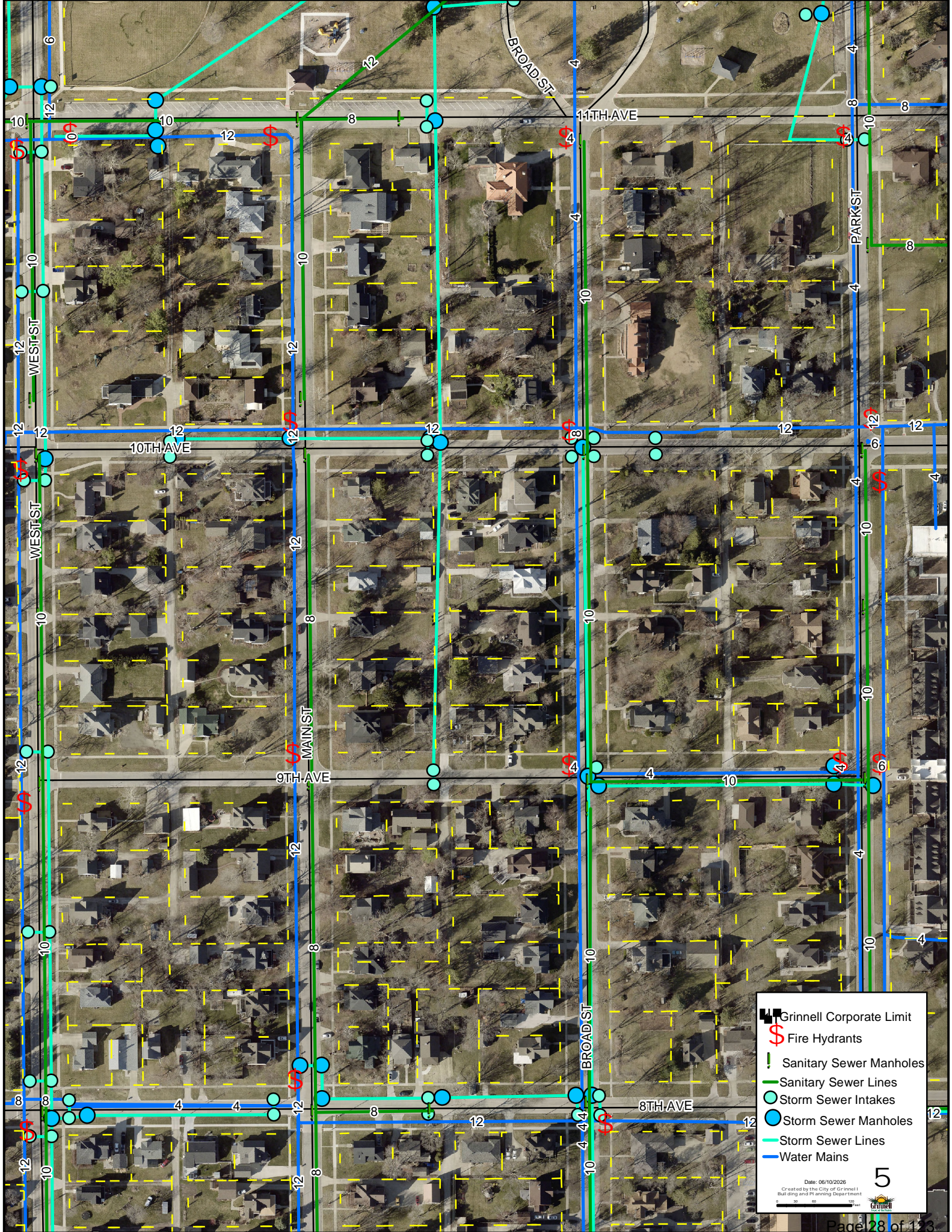
DESCRIPTION:
 SEFH6576
 COA26_SERVING_AREA








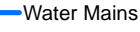
SHEET: **B-3**

CYIENT INC




B-2 (STA: 08+30)



 Grinnell Corporate Limit
 Fire Hydrants
 Sanitary Sewer Manholes
 Sanitary Sewer Lines
 Storm Sewer Intakes
 Storm Sewer Manholes
 Storm Sewer Lines
 Water Mains

Date: 06/10/2026
 Created by the City of Grinnell I
 Building and Planning Department



CITY OF GRINNELL

New info and procedures are highlighted and effective as of 4/1/2022

**PUBLIC RIGHT-OF-WAY
COMMUNICATIONS SYSTEM
LICENSE APPLICATION
ORDINANCE NO. 1060**

**THIS APPLICATION WILL NOT BE FORMALLY REVIEWED FOR APPROVAL
UNTIL AFTER AN ON-SITE MEETING HAS
OCCURRED WITH THE INSTALLATION CREW**

1. Applicant: Windstream Iowa Communications, LLC 4005 N Rodney Parham

	<u>Name</u>	<u>Address</u>
	<u>Little Rock, AR 72212</u>	<u>706-279-7354</u>
	<u>City, State</u> <u>Zip</u>	<u>Telephone</u>

2. **Contact Info for Installation Crew:** Tony Caraccio Tony.Caraccio@uniti.com

	<u>Name</u>	<u>Address</u>
	<u>City, State</u> <u>Zip</u>	<u>641-436-1436</u>
		<u>Telephone</u>

3. Application requires an engineering site plan for the proposed system that is to be placed within the City Right-of-way. Check off each of these items as they are included on the site plan:
 - Plans drawn to scale.
 - Street names.
 - Right-of-way widths.
 - Pavement widths.
 - Sidewalk location and width including sidewalk ramps.
 - Obstacles or improvements that are in or near the work area.
An example of such are: existing trees, fence, drainage structures, Water stop-boxes, ditches, and utility vaults.
 - Horizontal and vertical location and physical size of the proposed utility.
 - Proposed construction work method such as "open cut" or "bore".
 - A drawing and explanation of concrete or asphalt restoration.
 - Information regarding sod work and tree replacement.
 - Location of other existing utilities within the work area.
 - Typical detail sections where special attention is required for some restoration work.
 - Excavation soil replacement and compaction requirements. Aggregate replacement under street surfaces, soil backfill outside of 5' from edge of street surface.
 - Detailed time schedule.
 - Address of adjacent properties.
 - Legal description of communication system location.

4. List any other items of concern particular to this project:

5. **Pre-Installation Meeting:** Before any work begins an on-site meeting with a City of Grinnell Representative must occur to go over the proposed project and verify any hazards or issues that must be taken note of. Work that begins without this meeting may result in Civil Citations being issued against the parties listed on this application. This project will not be reviewed for approval until the on-site meeting has occurred.
6. **Administrative Fee:** An Administrative fee of \$50.00 shall be due and payable to the City Engineer at the time of filing of the initial license application and at the time of filing of each proposed amendment to the license. (Attach copy of receipt) Receipt No. _____.
7. **Use Fee: (Serving no additional customers)** If the licensed serves no customers other than itself, then in addition to the Administrative Fee, the licensee shall pay a use fee to the City Engineer at the time of filing of the initial license application. The amount of the use fee shall be the greater of the following two (2) amounts: \$100.00 or \$1.00 per lineal foot of route traversed by the communication line within any public right-of-way in a C-2 zone and \$0.50 per lineal foot in any other part of the city. At the time of filing of each proposed amendment to the license involving an increase in the length of route traversed within public right-of-way, the licensee shall pay to the City Engineer an additional fee computed at the rate of \$1.00 per lineal foot of additional route of traversed within any public right-of-way.

(Serving additional customers) If the licensed system serves customers other than the licensee itself, then, in addition to the administrative fee, the licensee shall pay an annual use fee to the City Engineer. The annual use fee shall be based on a license year ending on March 31 of each year, and the use fee for each license year shall be due and payable at the end of such year on March 31, or if the license has terminated during such year, on the date of termination. The amount of the annual use fee shall be the greater of the following two (2) amounts: \$100.00, or three percent of the gross revenues derived by the licensee from the sale or exchange of services in connection with the operation of the licensee's communications system within the public right- of-way during the license year. Each annual use fee payment shall be accompanied by a report from the licensee in a form approved by the City Manager and the city legal department showing the basis for the computation of the fee and such other relevant data as may be required by the City Manager and the city legal department. Each such report shall contain a notarized verification by the chief financial officer of the licensee, and upon request by the city, such reports shall be verified by a certified public accountant at the expense of the licensee.

Office Use Only		
Fees: Administrative Fee:		<u>\$50.00</u>
Use Fee:		
(No Additional Customers) Greater of \$100.00 or:		
Linear Feet Within C-2: _____	x \$1.00	<u> </u>
Linear Feet Outside C-2: <u>9667</u>	x \$0.50	<u>4833.50</u>
	Total:	\$ <u>4883.50</u>

(Additional Customers) Greater of \$100.00 or 3% Gross Revenues from Services. Paid annually.

Date of Acceptance 5-15-2026 Date of Approval _____

Staff TA

VICINITY MAP

KINETIC LOCATION_CITY PERMIT

ANY AERIAL CROSSING OVER A STATE ROUTE IS A MINIMUM HEIGHT OF 18'.

FOR ALL CROSSING AND LONGITUDINAL UTILITY DEPTH UNDER PAVED SURFACE WILL BE 4' & UNPAVED 3'.

WINDSTREAM PROPOSED TO PLACE 385' OF 24-CT(E-LASHING) AERIAL CABLE WITH IN THE ROW.

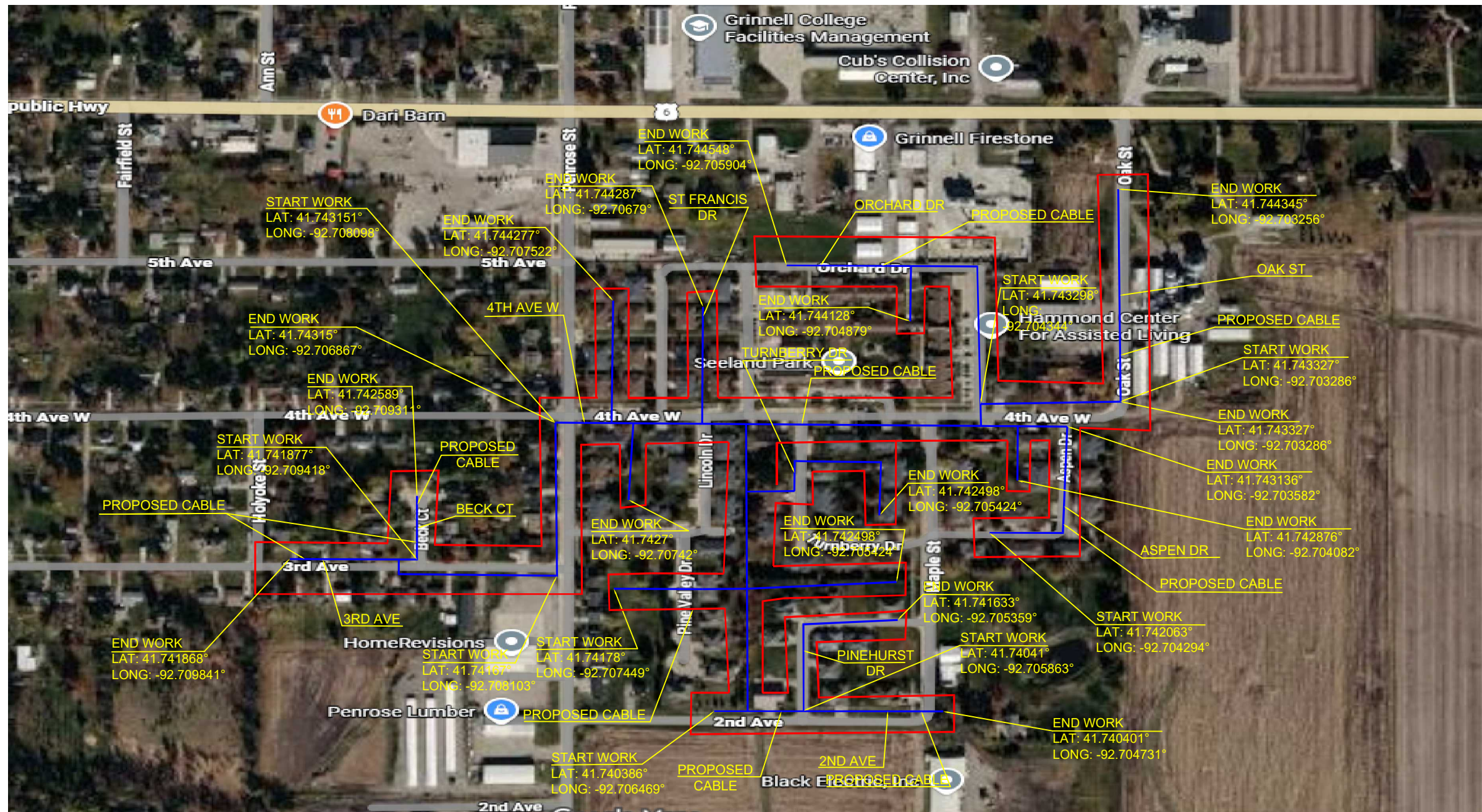
KINETIC PROPOSES TO PLACE 37' OF 48-CT, 3,216' OF 24-CT, 2,425' OF 12-CT AND 589' OF 12.7MM 2W MICRO DUCT OF BURIED CABLE WITH IN THE ROW.

KINETIC PROPOSES TO PLACE 268' OF 48-CT, 1,649' OF 24-CT, 1,098' OF 12-CT OF BURIED CABLE PASSING THROUGH REAR EASEMENT.

DIRECTIONAL BORE = 2,309', DIRECT BURY = 293', PLOW = 6,029', DRY BORE = 651', E-LASHING=385'.

NUM OF PROP PED 8"=32, NUM OF PROP PED 6"=7, NUM OF PROP PED 10"=2 & HH=9.

TOTAL PROPOSED CABLE=9,667'



⚠️ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	2,309' L.F
DIRECT BURIED	293' L.F
PLOW	6,029' L.F
DRY BORE	651' L.F
TOTAL	9,282' L.F

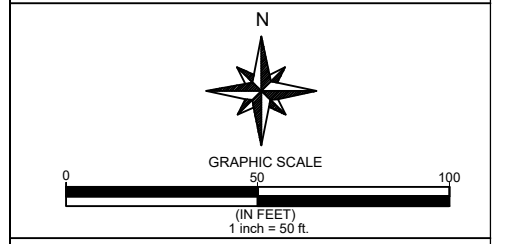
STRUCTURE DETAILS	
6" PED	7 E.A
8" PED	32 E.A
HH	9 E.A
10" PED	2 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	385' L.F
NO LASHING	0' L.F
TOTAL	385' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

MAP: VICINITY MAP

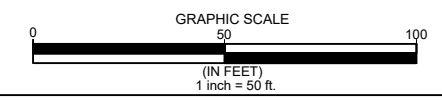
CYIENT INC

LEGEND			
JOINT USEPOWER POLE		PROPOSED PED	
UTILITY POLE		PROPOSED AERIAL TERMINAL	
DIRECT BURIED FOC		EXISTING AERIAL TERMINAL	
BORE		BORE PIT 5'x4'x4'	
TRENCH		EXISTING HH	
INNERDUCT		EXISTING FIBER PED	
DRY BORE		EXISTING COPPER PED	
NEW STRAND		CULVERT	
ELASH		EXISTING KINETIC FIBER PLACEMENT TYPE- AERIAL	
12.7 MM OF 2W MICRO DUCT BY DIRECT BORE		EXISTING KINETIC FIBER PLACEMENT TYPE- BURIED	
12.7 MM OF 2W MICRO DUCT BY DIRECT BURY		EXISTING KINETIC COPPER PLACEMENT- AERIAL	
12.7 MM OF 2W MICRO DUCT BY TRENCH		EXISTING KINETIC COPPER PLACEMENT- BURIED	
EDGE OF PAVEMENT		EXISTING MANHOLE	
RIGHT OF WAY		GAS MARKER	
CENTER LINE		UTILITY MARKER	
BACK OF CURB		WATER HYDRANT	
EDGE OF TRAVEL LINE		RR TRACK	
SIDEWALK		BRIDGE	
DRIVEWAY		GAS LINE	
DITCH LINE		WATER LINE	
EXISTING KINETIC AERIAL CABLE		SEWER LINE	
EXISTING KINETIC BURIED CABLE		STORM LINE	
EXISTING KINETIC AERIAL CABLE		ELECTRIC LINE	
EXISTING KINETIC BURIED CABLE			
EXISTING FDH			
PROPOSED FDH			

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

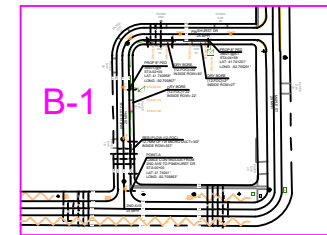
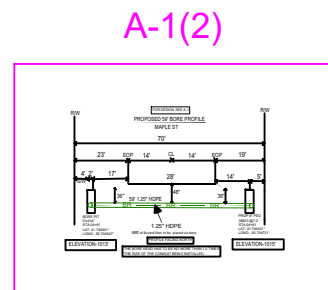
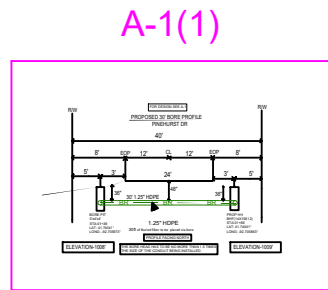
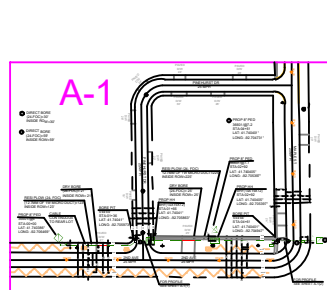
DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

MAP: LEGEND

CYIENT INC

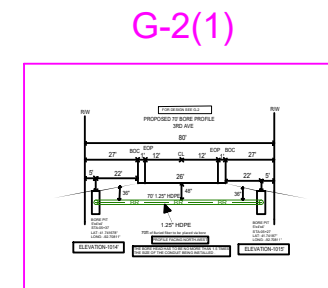
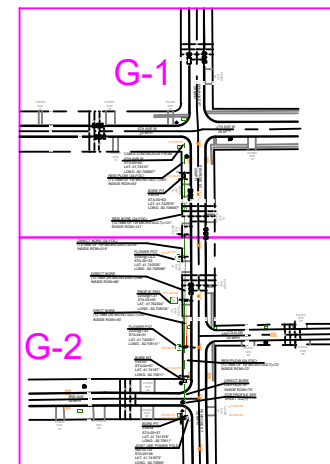
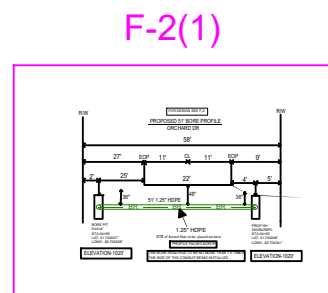
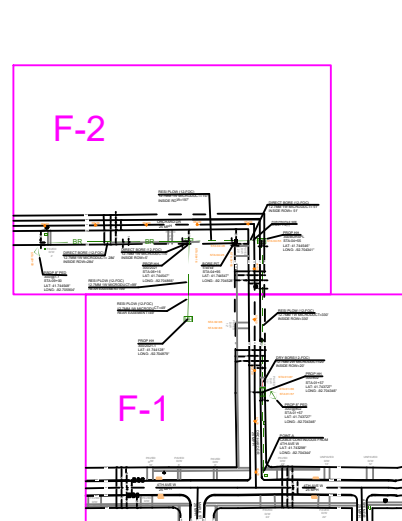
2ND AVE

PINEHURST DR



ORCHARD DR

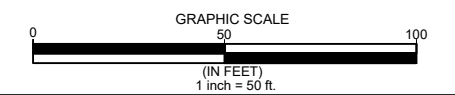
PENROSE ST



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

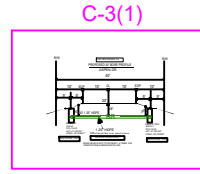
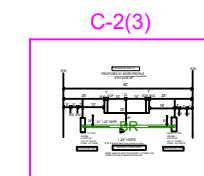
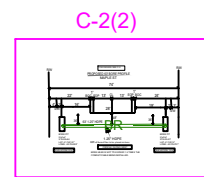
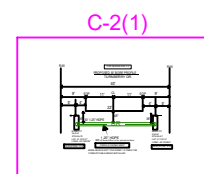
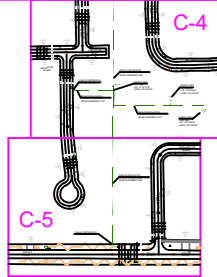
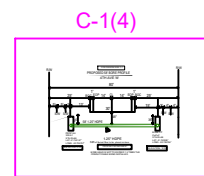
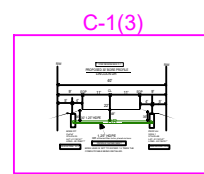
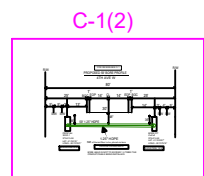
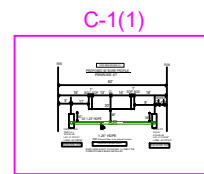
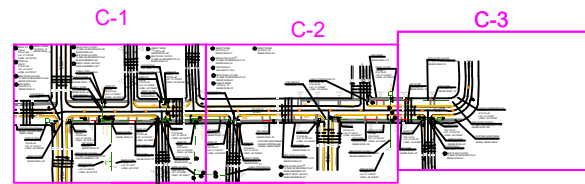
PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

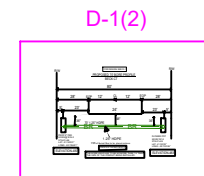
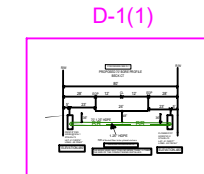
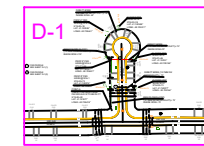
MAP: KEYMAP-1

CYIENT INC

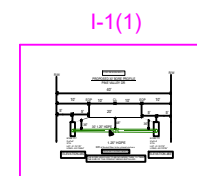
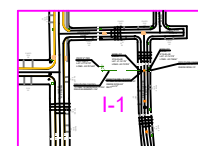
4TH AVE W



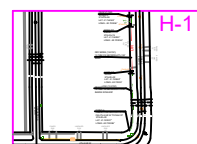
BECK CT



PINE VALLEY DR



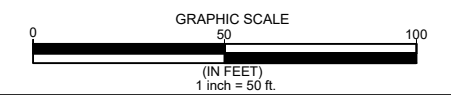
OAK ST



DATE CREATED: 04/29/2026

DATE REVISED:

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COMPANY: KINETIC

SYSTEM: GRINNELL_IA

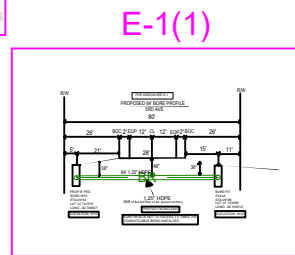
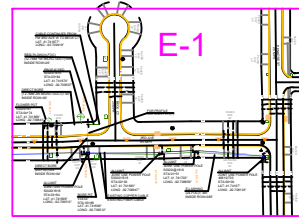
PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

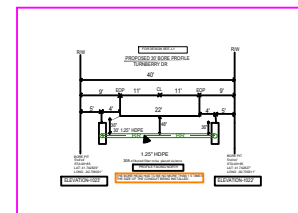
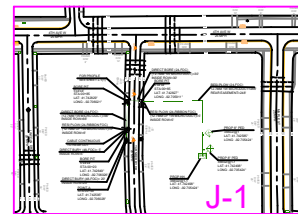
MAP: KEYMAP-2

CYIENT INC

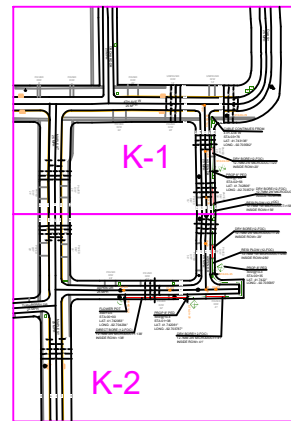
3RD AVE



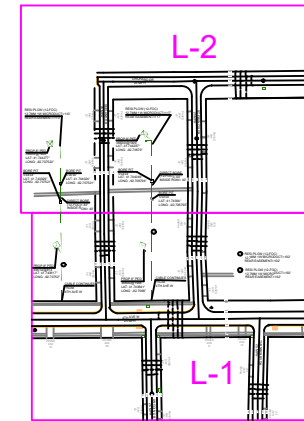
TURNBERRY DR



ASPEN DR



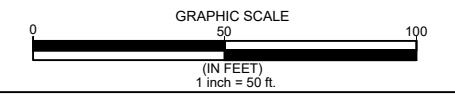
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DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

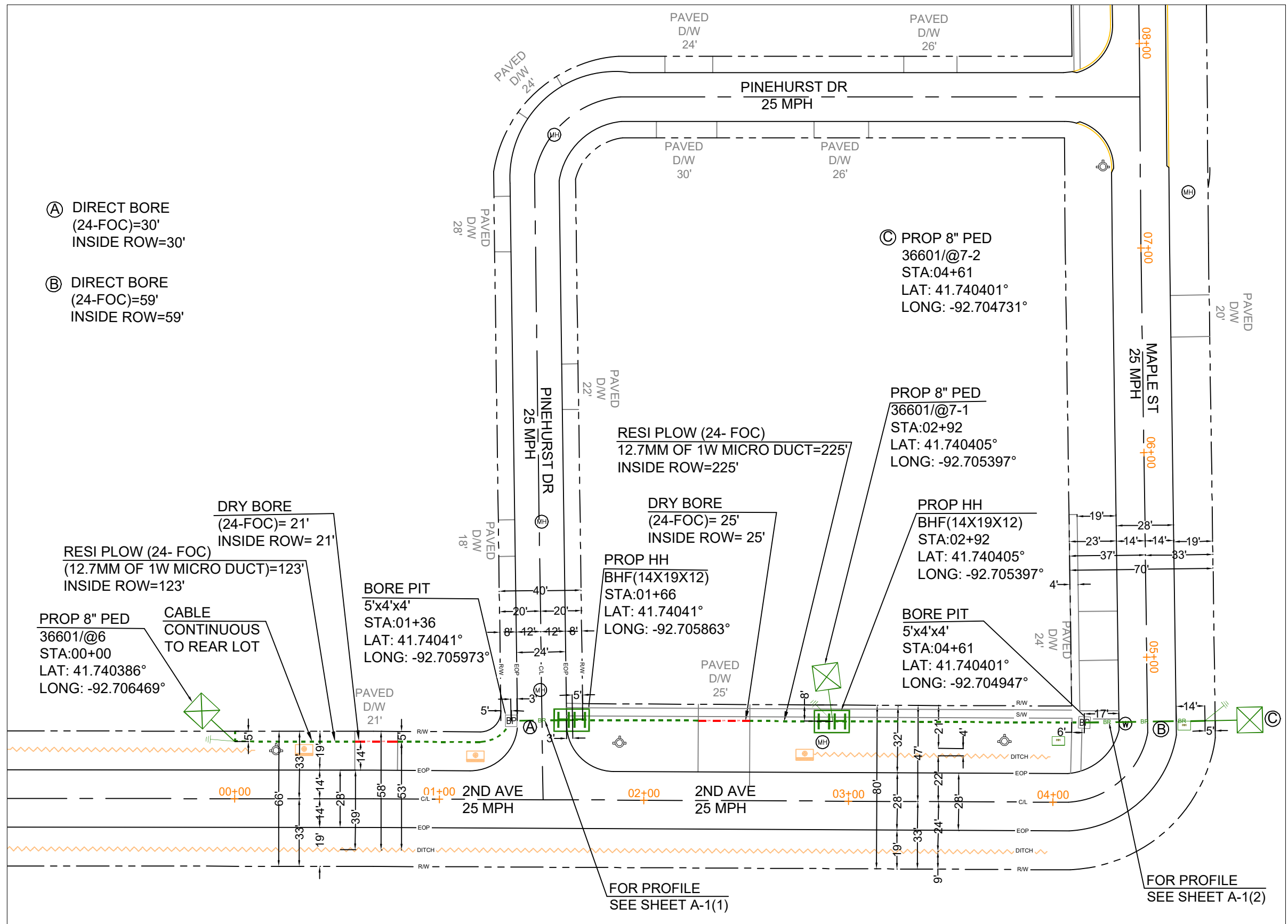
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

MAP: KEYMAP-3

CYIENT INC



- Ⓐ DIRECT BORE
(24-FOC)=30'
INSIDE ROW=30'
- Ⓑ DIRECT BORE
(24-FOC)=59'
INSIDE ROW=59'

Ⓒ PROP 8" PED
36601/@7-2
STA:04+61
LAT: 41.740401°
LONG: -92.704731°

PROP 8" PED
36601/@7-1
STA:02+92
LAT: 41.740405°
LONG: -92.705397°

PROP HH
BHF(14X19X12)
STA:02+92
LAT: 41.740405°
LONG: -92.705397°

BORE PIT
5'x4'x4'
STA:04+61
LAT: 41.740401°
LONG: -92.704947°

RESI PLOW (24- FOC)
12.7MM OF 1W MICRO DUCT=225'
INSIDE ROW=225'

DRY BORE
(24-FOC)= 25'
INSIDE ROW= 25'

PROP HH
BHF(14X19X12)
STA:01+66
LAT: 41.74041°
LONG: -92.705863°

BORE PIT
5'x4'x4'
STA:01+36
LAT: 41.74041°
LONG: -92.705973°

RESI PLOW (24- FOC)
(12.7MM OF 1W MICRO DUCT)=123'
INSIDE ROW=123'

DRY BORE
(24-FOC)= 21'
INSIDE ROW= 21'

PROP 8" PED
36601/@6
STA:00+00
LAT: 41.740386°
LONG: -92.706469°

CABLE
CONTINUOUS
TO REAR LOT

FOR PROFILE
SEE SHEET A-1(1)

FOR PROFILE
SEE SHEET A-1(2)

⚠ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	89' L.F
DIRECT BURIED	0' L.F
PLOW	348' L.F
DRY BORE	46' L.F
TOTAL	483' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	3 E.A
HH	2 E.A
10" PED	0 E.A

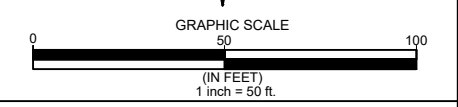
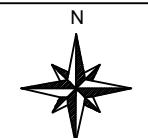
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

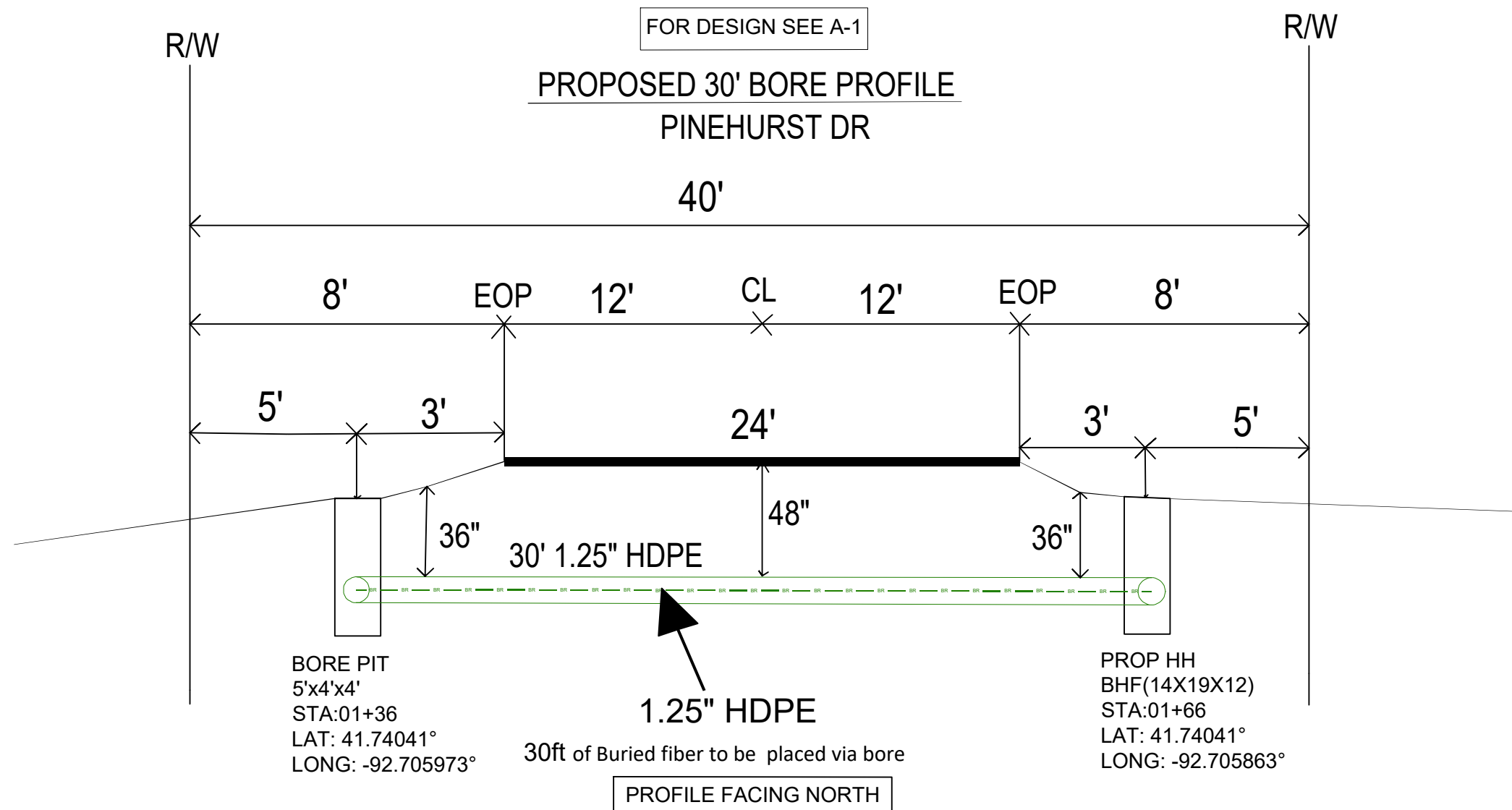
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **A-1**

CYIENT INC



FOR DESIGN SEE A-1

**PROPOSED 30' BORE PROFILE
PINEHURST DR**

40'

8' EOP 12' CL 12' EOP 8'

5' 3' 24' 3' 5'

36" 30' 1.25" HDPE 48" 36"

BORE PIT
5'x4'x4'
STA:01+36
LAT: 41.74041°
LONG: -92.705973°

PROP HH
BHF(14X19X12)
STA:01+66
LAT: 41.74041°
LONG: -92.705863°

1.25" HDPE

30ft of Buried fiber to be placed via bore

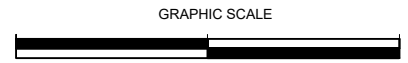
PROFILE FACING NORTH

ELEVATION-1008'

THE BORE HEAD HAS TO BE NO MORE THAN 1.5 TIMES THE SIZE OF THE CONDUIT BEING INSTALLED .

ELEVATION-1009'

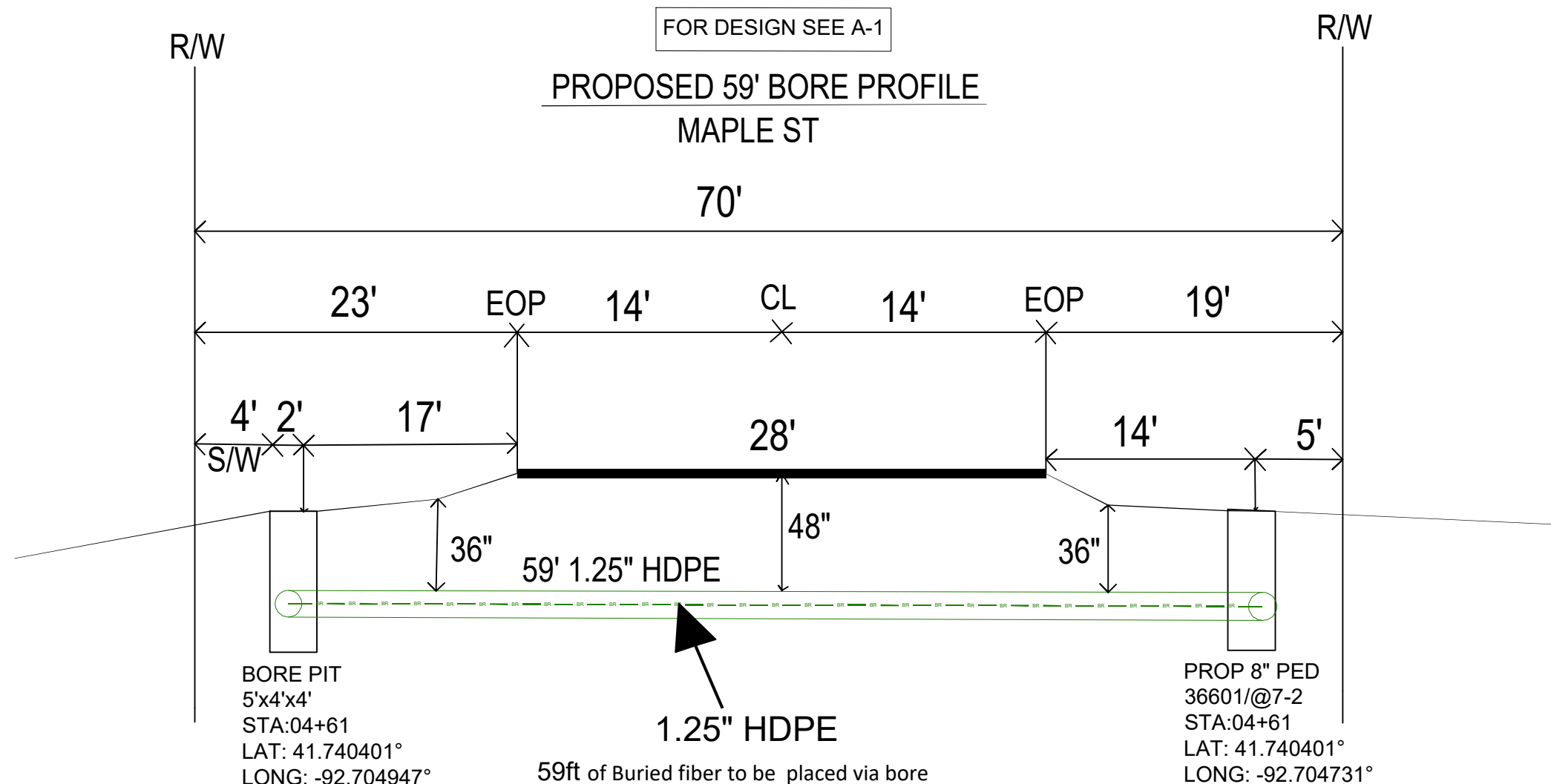
DATE CREATED: 04/29/2026
DATE REVISED:
DRAWN BY: CYIENT INC



COMPANY: KINETIC
SYSTEM: GRINNELL_IA
PROJECT NUMBER: 713362228
DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: A-1(1)

CYIENT INC



FOR DESIGN SEE A-1

**PROPOSED 59' BORE PROFILE
MAPLE ST**

70'

23' EOP 14' CL 14' EOP 19'

4' 2' S/W 17' 28' 14' 5'

36" 59' 1.25" HDPE 48" 36"

BORE PIT
5'x4'x4'
STA:04+61
LAT: 41.740401°
LONG: -92.704947°

PROP 8" PED
36601/@7-2
STA:04+61
LAT: 41.740401°
LONG: -92.704731°

1.25" HDPE

59ft of Buried fiber to be placed via bore

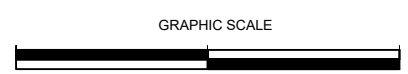
PROFILE FACING NORTH

ELEVATION-1013'

ELEVATION-1015'

THE BORE HEAD HAS TO BE NO MORE THAN 1.5 TIMES THE SIZE OF THE CONDUIT BEING INSTALLED .

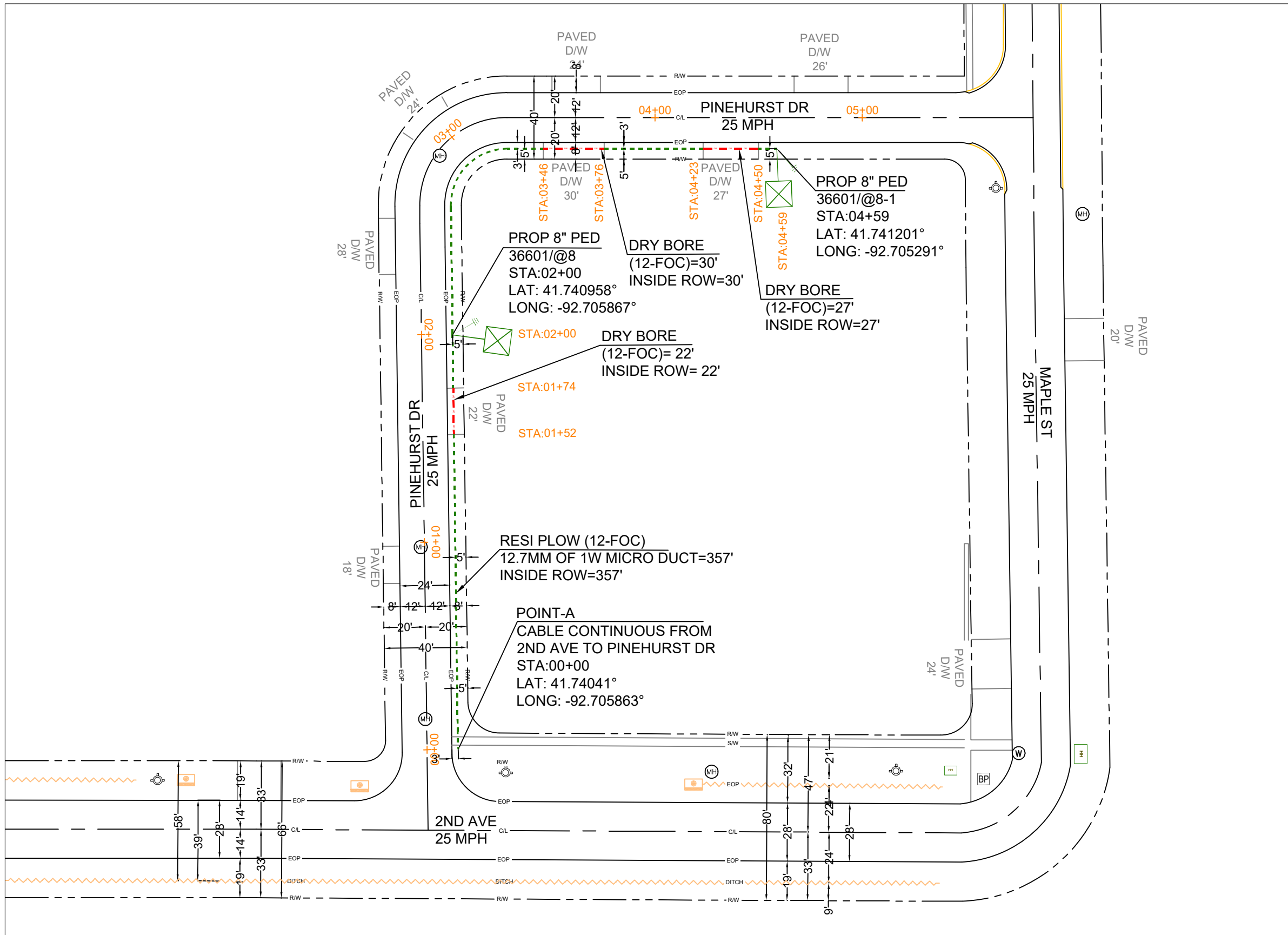
DATE CREATED: 04/29/2026
DATE REVISED:
DRAWN BY: CYIENT INC



COMPANY: KINETIC
SYSTEM: GRINNELL_IA
PROJECT NUMBER: 713362228
DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: A-1(2)

CYIENT INC



⚠️ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	357' L.F
DRY BORE	79' L.F
TOTAL	436' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	2 E.A
HH	0 E.A
10" PED	0 E.A

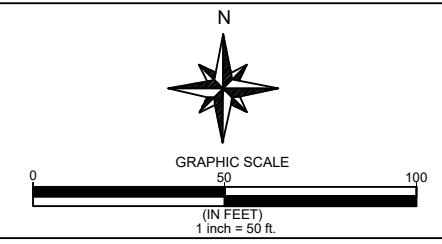
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **B-1**

CYIENT INC

- ③ BORE PIT 5'x4'x4'
STA:01+86
LAT: 41.743155°
LONG: -92.707416°
- ④ PROP HH 300/2-1
STA:01+58
LAT: 41.74315°
LONG: -92.707521°
- ⑤ RESI PLOW (24-FOC)
12.7MM 1W MICRODUCT=354'
INSIDE ROW=354'
- ⑥ DRY BORE (24-FOC)= 8'
INSIDE ROW= 8'
- ⑦ DIRECT BORE (12-FOC)= 12'
INSIDE ROW= 12'

- ⑧ RESI PLOW (12-FOC)
12.7MM 1W MICRODUCT=29'
INSIDE ROW=29'
- ⑨ RESI PLOW (24-FOC)
12.7MM 1W MICRODUCT=64'
REAR EASEMENT=64'
- ⑩ DIRECT BURY (48-FOC)
REAR EASEMENT=201'

- ① DIRECT BORE (12-FOC)= 58'
INSIDE ROW= 58'
- ② RESI PLOW (12-FOC)
12.7MM 1W MICRODUCT=13'
INSIDE ROW=13'

FOR PROFILE SEE SHEET C-1(1)

CABLE CONTINUOUS TO REAR LOT
DIRECT BORE (12-FOC)= 11'
INSIDE ROW= 11'

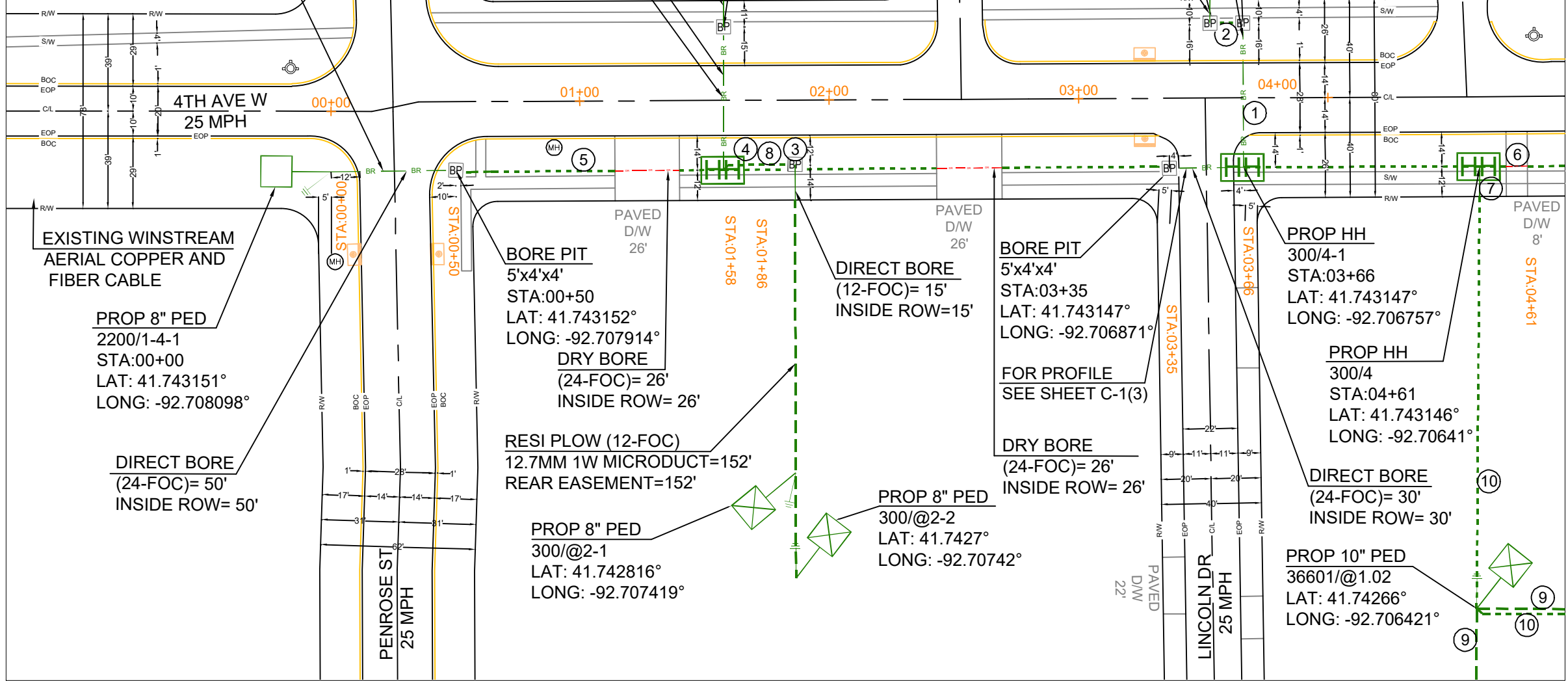
DIRECT BORE (12-FOC)= 59'
INSIDE ROW= 59'
FOR PROFILE SEE SHEET C-1(2)

FOR PROFILE SEE SHEET C-1(4)

CABLE CONTINUOUS TO REAR LOT
BORE PIT 5'x4'x4'
STA:03+53
LAT: 41.743306°
LONG: -92.706805°

DIRECT BORE (12-FOC)= 11'
INSIDE ROW= 11'

BORE PIT 5'x4'x4'
STA:03+66
LAT: 41.743306°
LONG: -92.706756°



C-2 (STA: 06+25)

⚠️ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

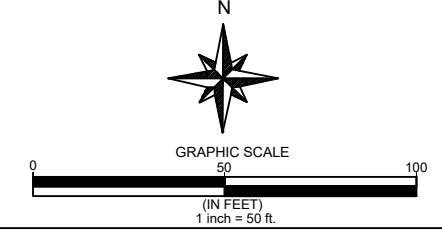
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	244' L.F
DIRECT BURIED	201' L.F
PLOW	613' L.F
DRY BORE	61' L.F
TOTAL	1,119' L.F

STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	4 E.A
HH	3 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

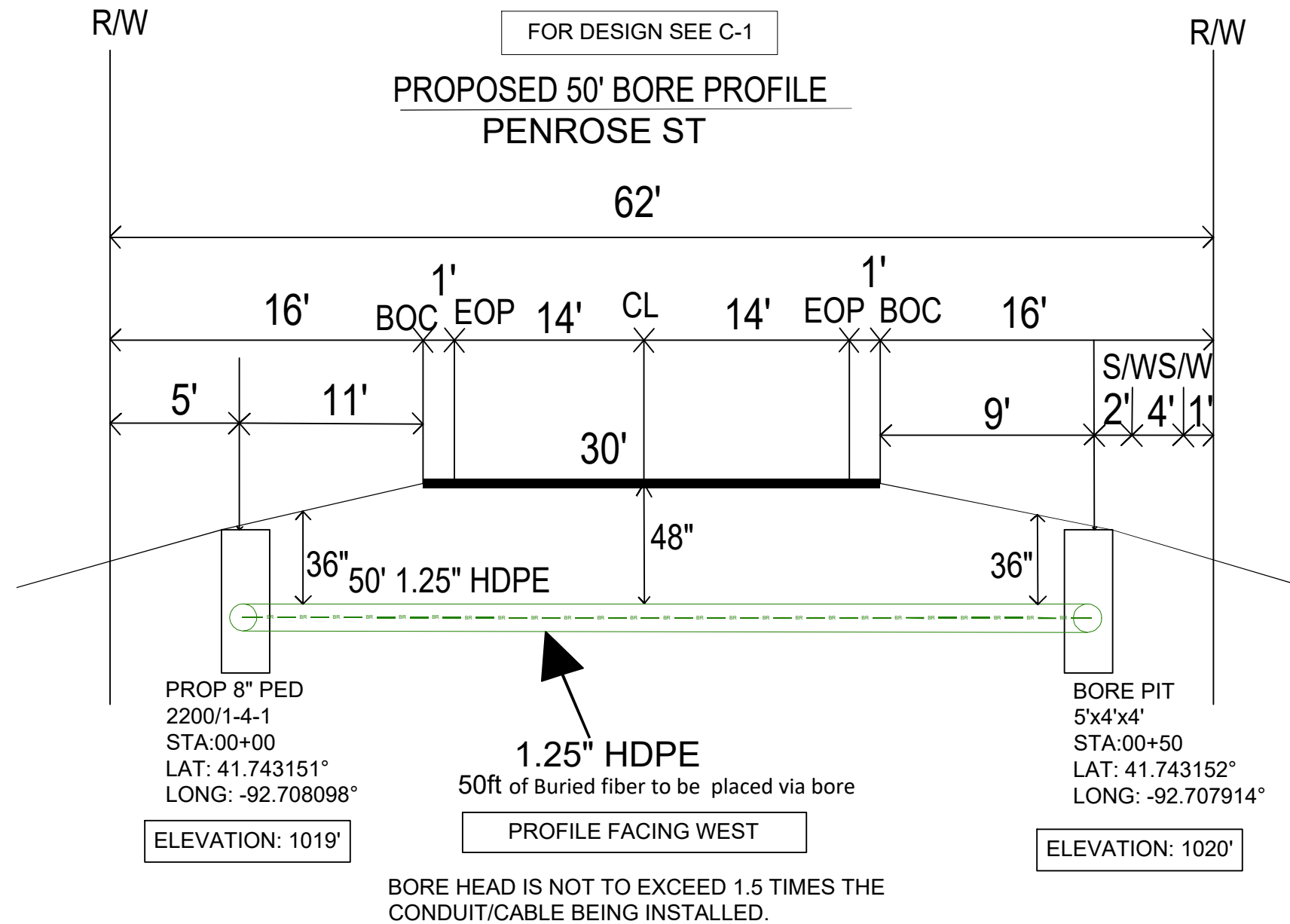
DATE CREATED: 04/29/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL IA
 PROJECT NUMBER: 713362228
 DESCRIPTION:
 SEFH6588
 4GA1_SERVING_AREA

SHEET: **C-1**

CYIENT INC



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

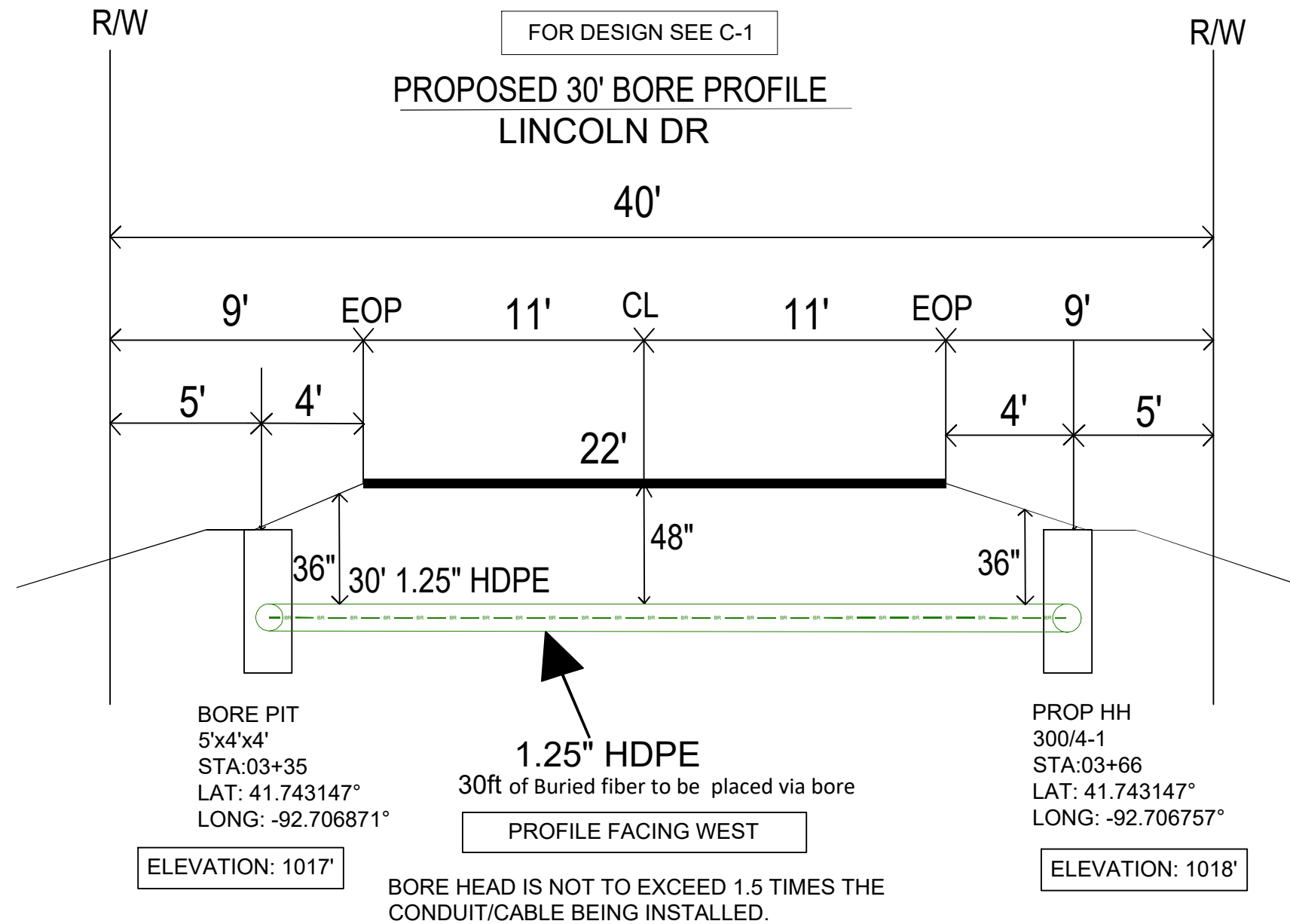
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **C-1(1)**

CYIENT INC



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **C-1(3)**

CYIENT INC

- ① DIRECT BORE (24-FOC)= 61' INSIDE ROW=61'
- ② RESI PLOW (12-FOC) 12.7MM 1W MICRODUCT=74' INSIDE ROW=74'
- ③ FOR PROFILE SEE SHEET C-2(3)
- ④ RESI PLOW (12-FOC) 12.7MM 1W MICRODUCT=23' INSIDE ROW=23'
- ⑤ DIRECT BORE 12-FOC)= 12' INSIDE ROW=12'
- ⑥ DIRECT BORE (24-FOC)= 63' INSIDE ROW= 63'

DRY BORE (12-FOC)= 23' INSIDE ROW= 23'

PROP 10" PED 300/@9-1 STA:10+97 LAT: 41.743302° LONG: -92.704076°

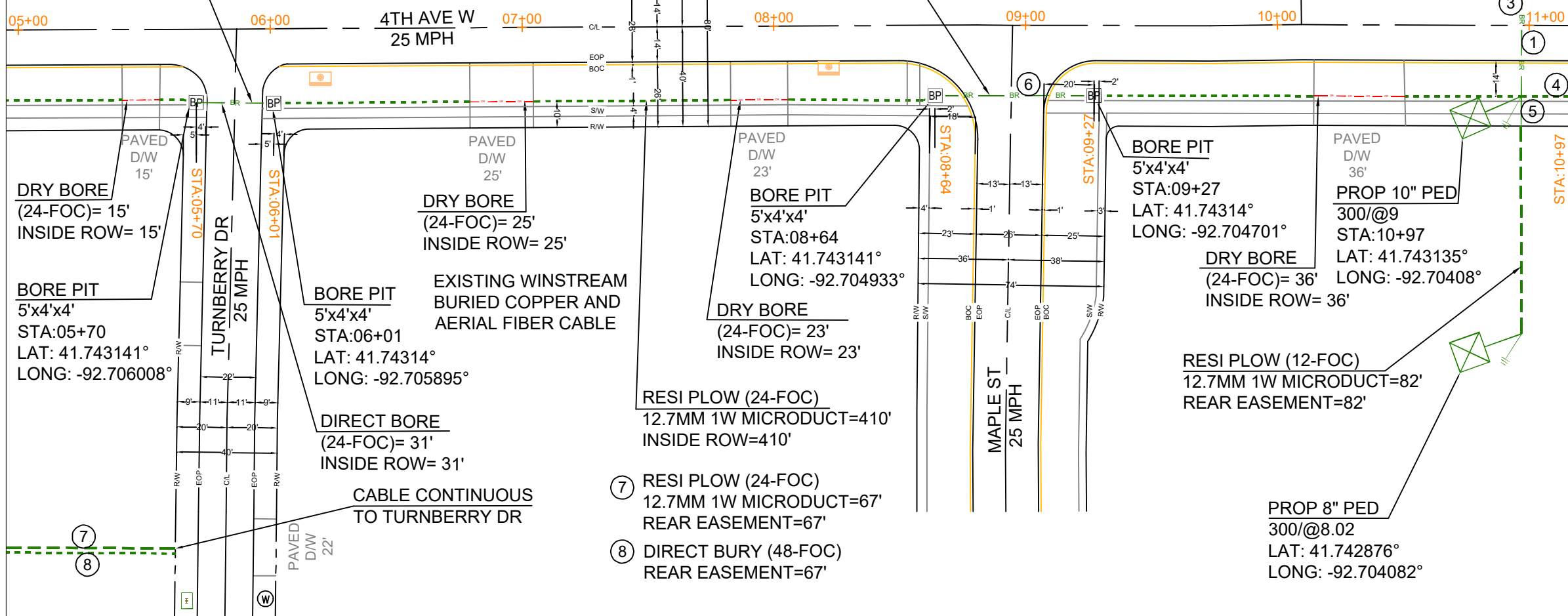
CABLE CONTINUOUS TO ORCHARD DR STA:10+24 LAT: 41.743298° LONG: -92.704344°

FOR PROFILE SEE SHEET C-2(2)

FOR PROFILE SEE SHEET C-2(1)

C-1 (STA: 06+25)

C-3 (STA: 12+50)



⚠️ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	166' L.F
DIRECT BURIED	67' L.F
PLOW	656' L.F
DRY BORE	122' L.F
TOTAL	1,011' L.F

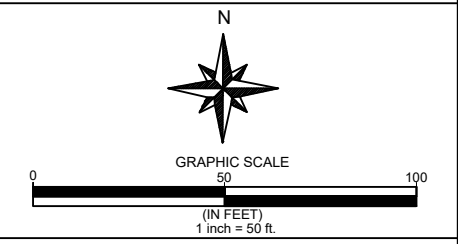
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	2 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

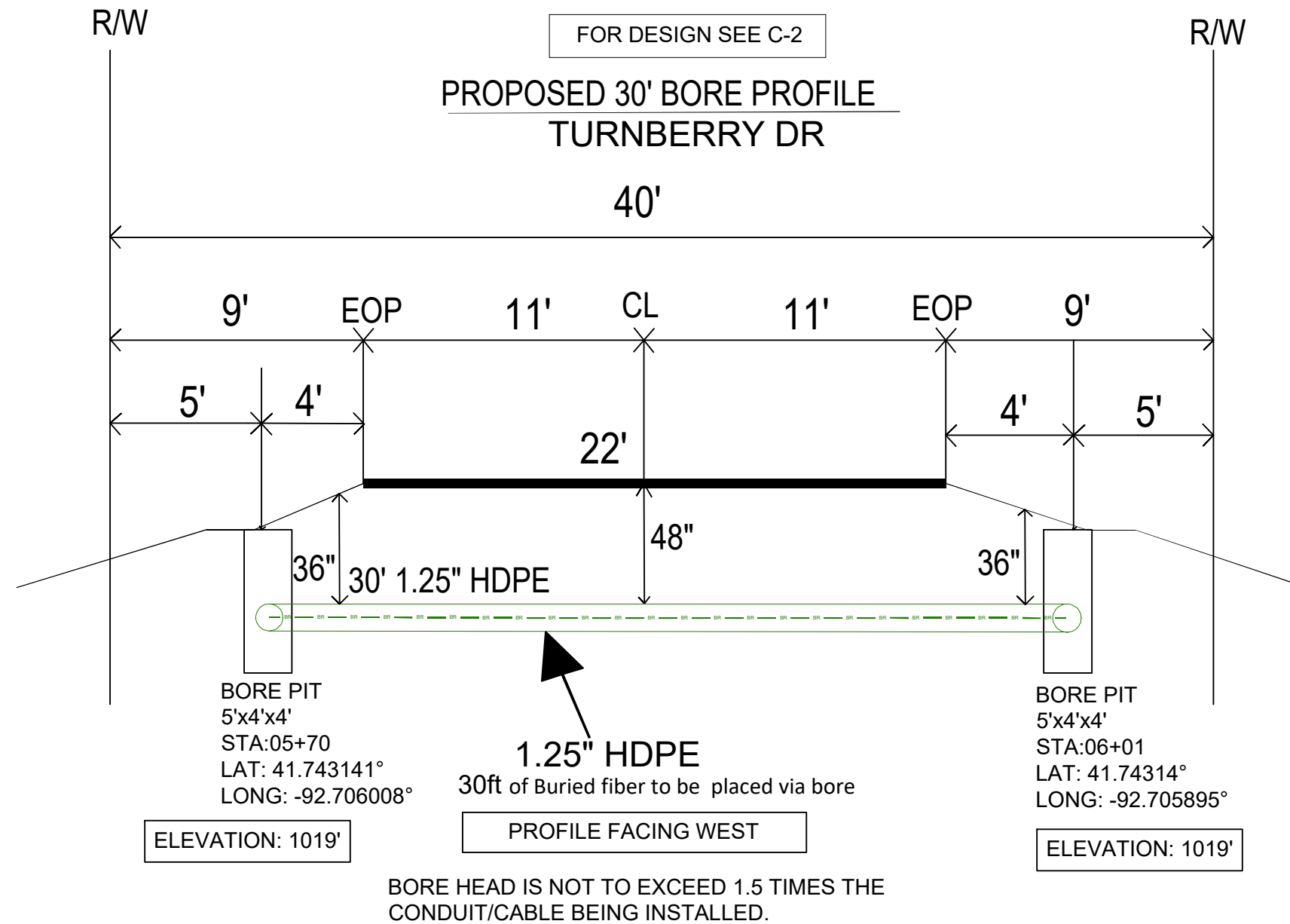
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **C-2**

CYIENT INC



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

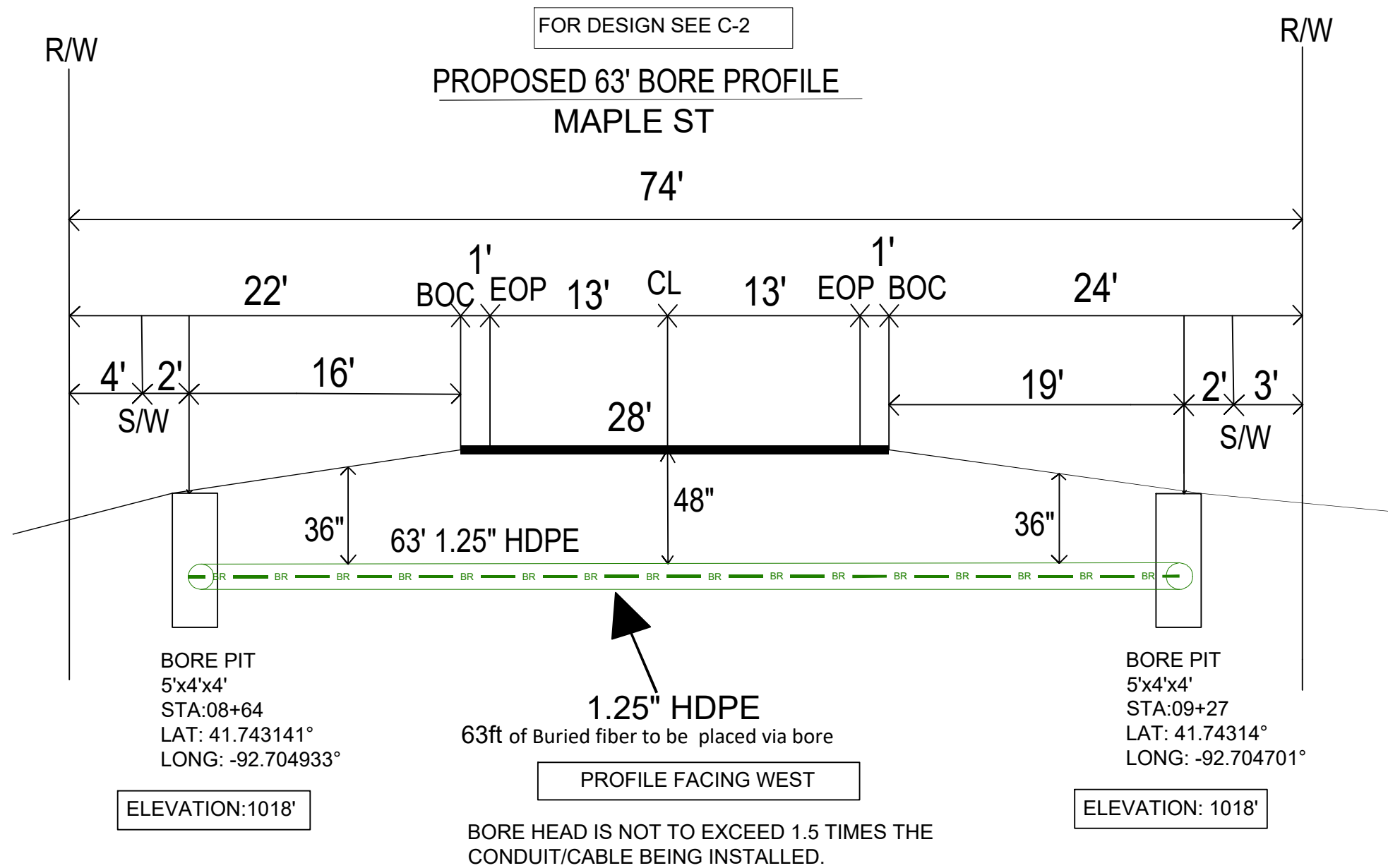
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **C-2(1)**

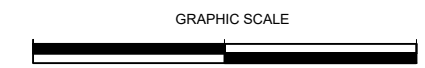
CYIENT INC



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

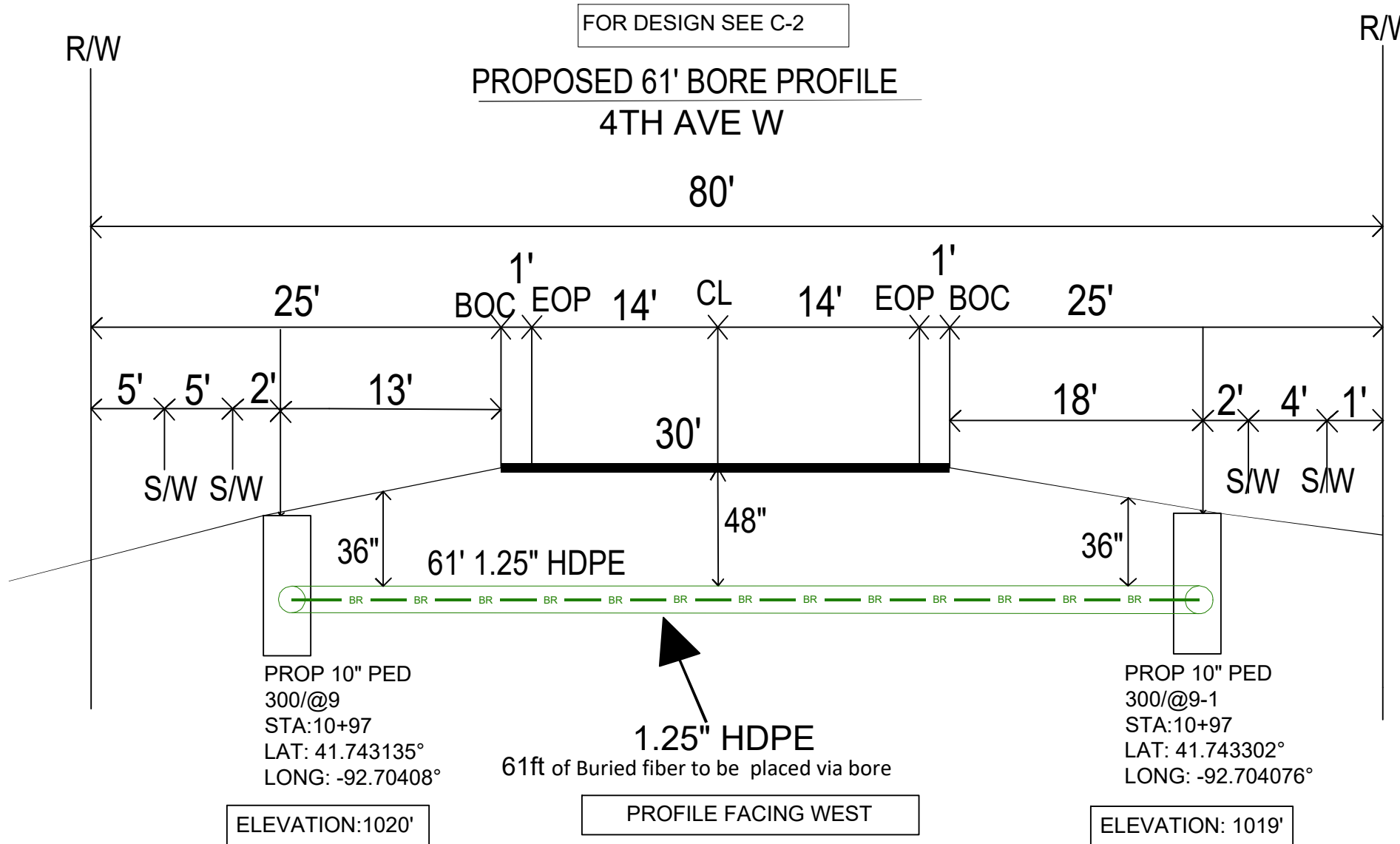
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: C-2(2)

CYIENT INC

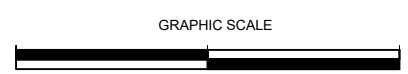


BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE
CONDUIT/CABLE BEING INSTALLED.

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

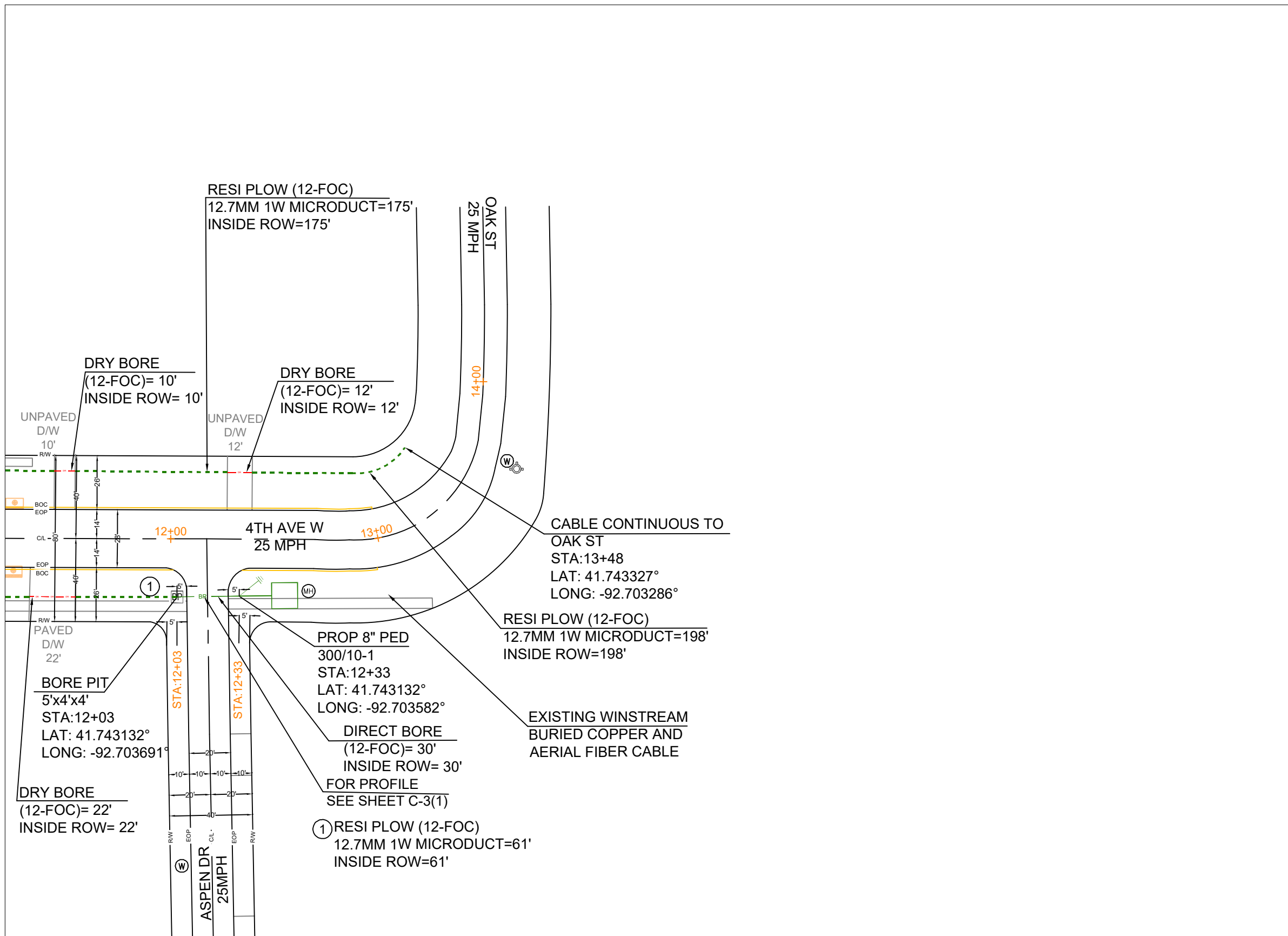
PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **C-2(3)**

CYIENT INC

C-2 (STA: 12+50)



DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	30' L.F
DIRECT BURIED	0' L.F
PLOW	236' L.F
DRY BORE	44' L.F
TOTAL	310' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

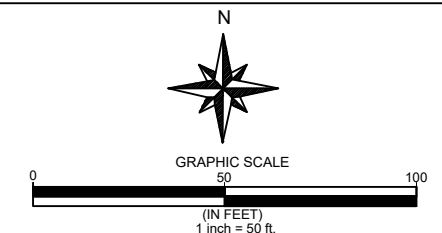
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

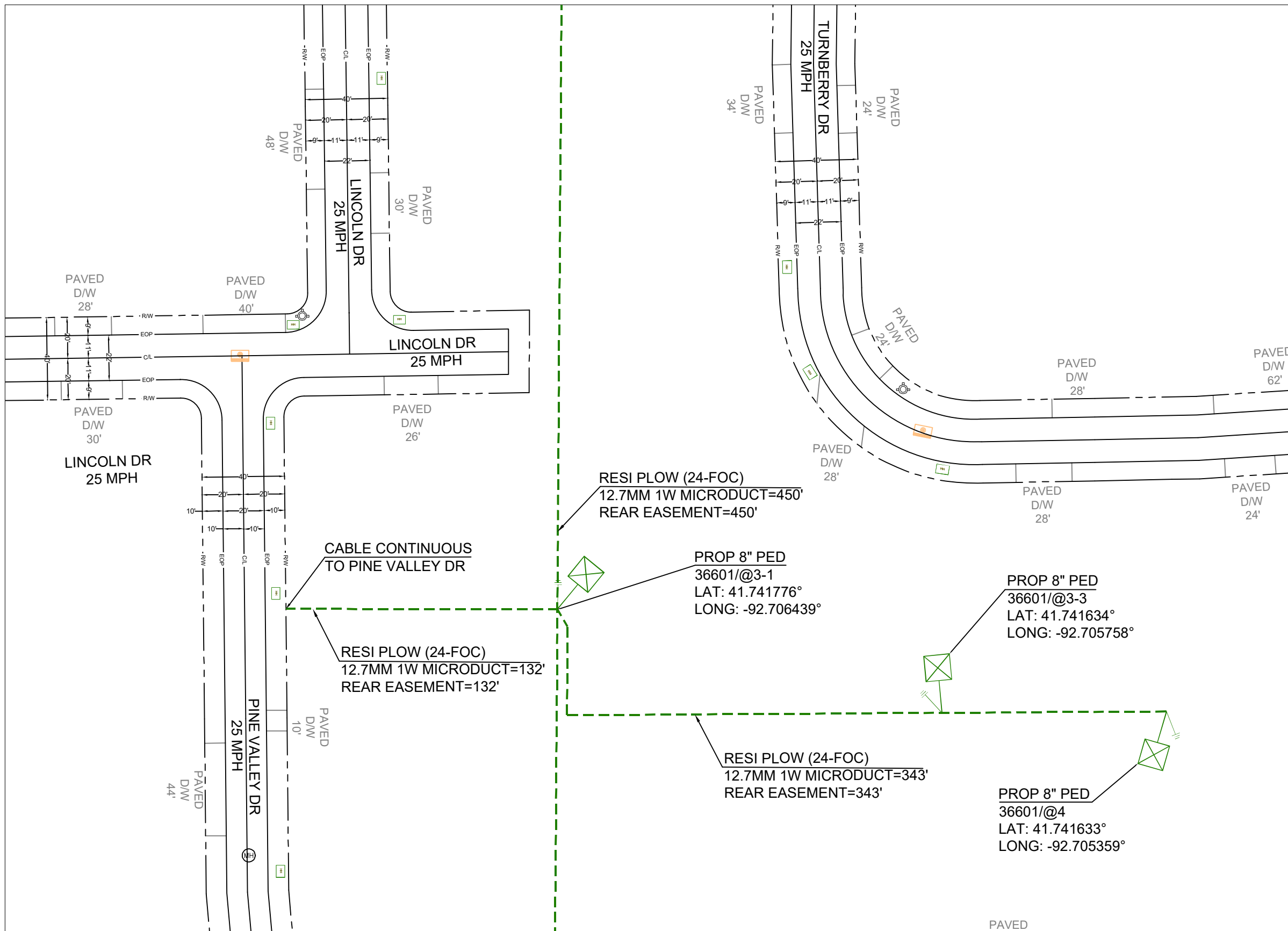
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: C-3

CYIENT INC



DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	925' L.F
DRY BORE	0' L.F
TOTAL	925' L.F

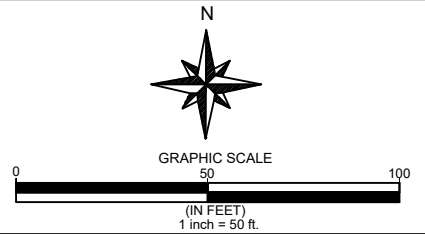
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	3 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

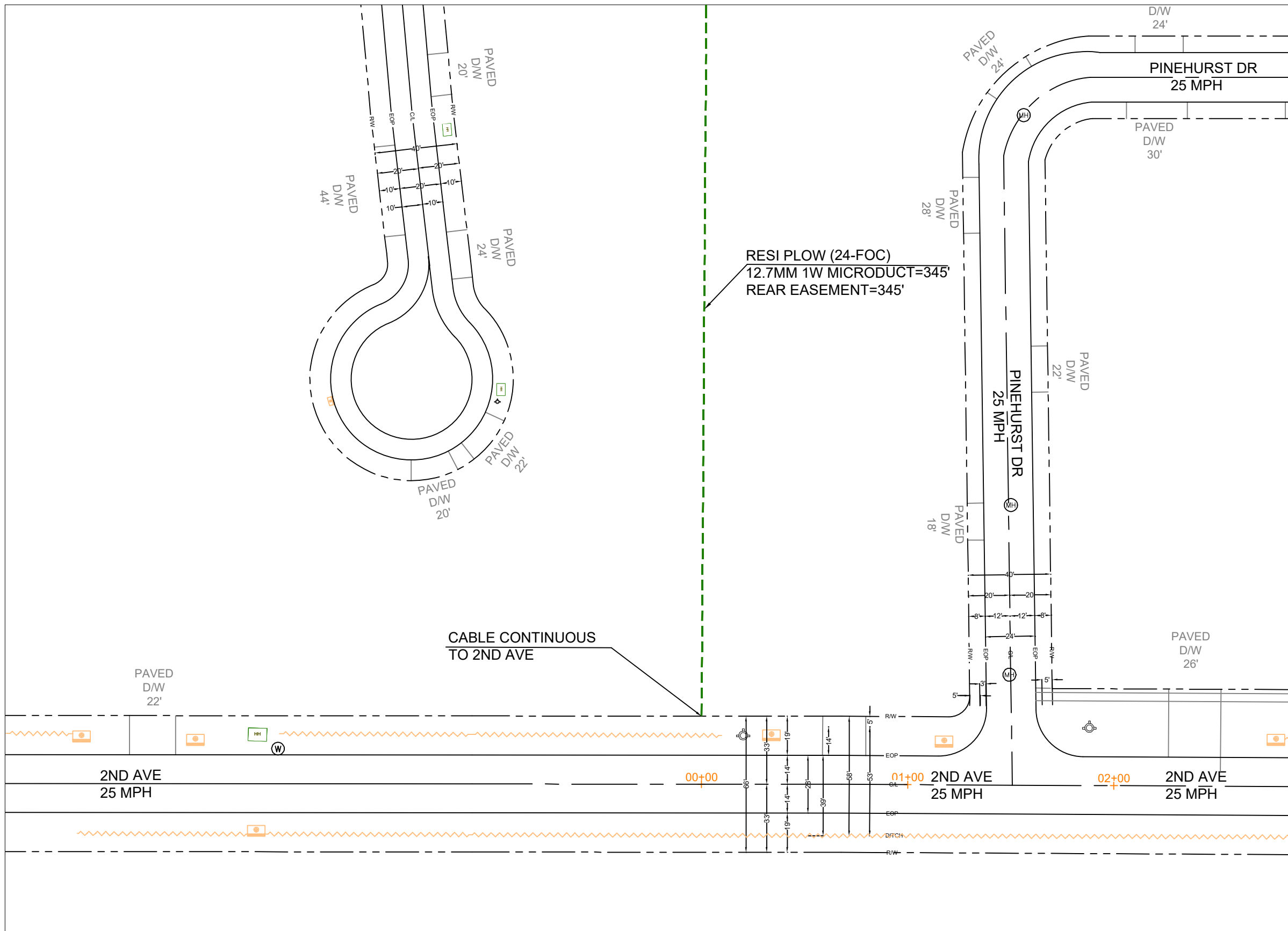
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **C-4**

CYIENT INC



⚠ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

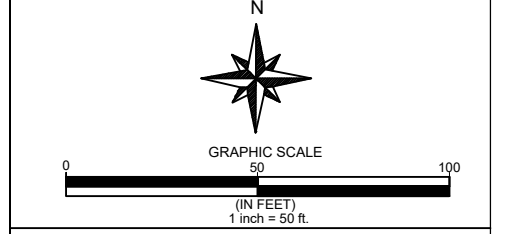
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	345' L.F
DRY BORE	0' L.F
TOTAL	345' L.F

STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

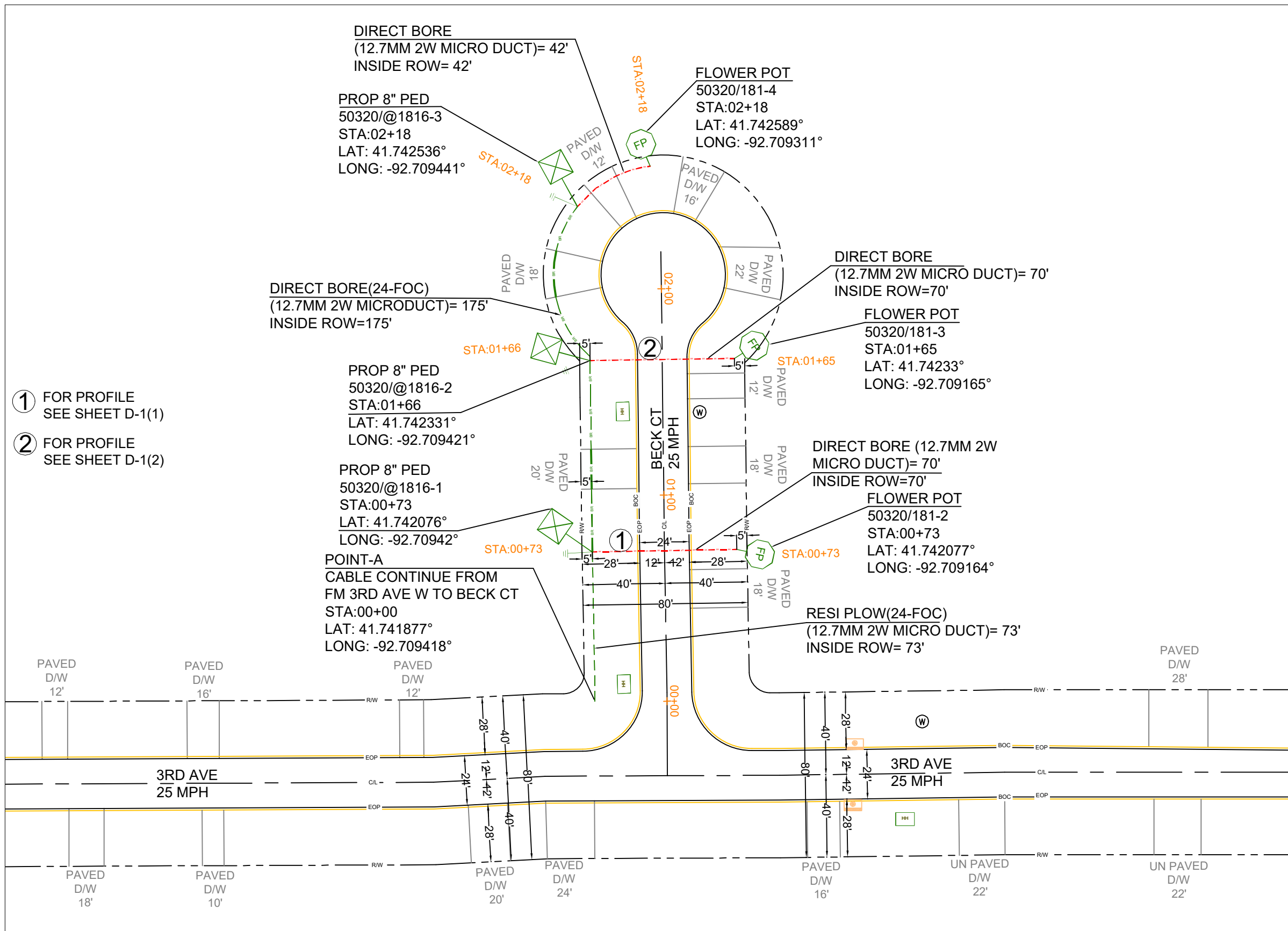
DATE CREATED: 04/29/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL IA
 PROJECT NUMBER: 713362228
 DESCRIPTION:
 SEFH6588
 4GA1_SERVING_AREA

SHEET: **C-5**

CYIENT INC



DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	357' L.F
DIRECT BURIED	0' L.F
PLOW	73' L.F
DRY BORE	0' L.F
TOTAL	430' L.F

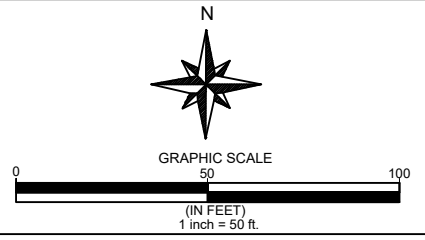
STRUCTURE DETAILS	
6" PED	3 E.A
8" PED	3 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

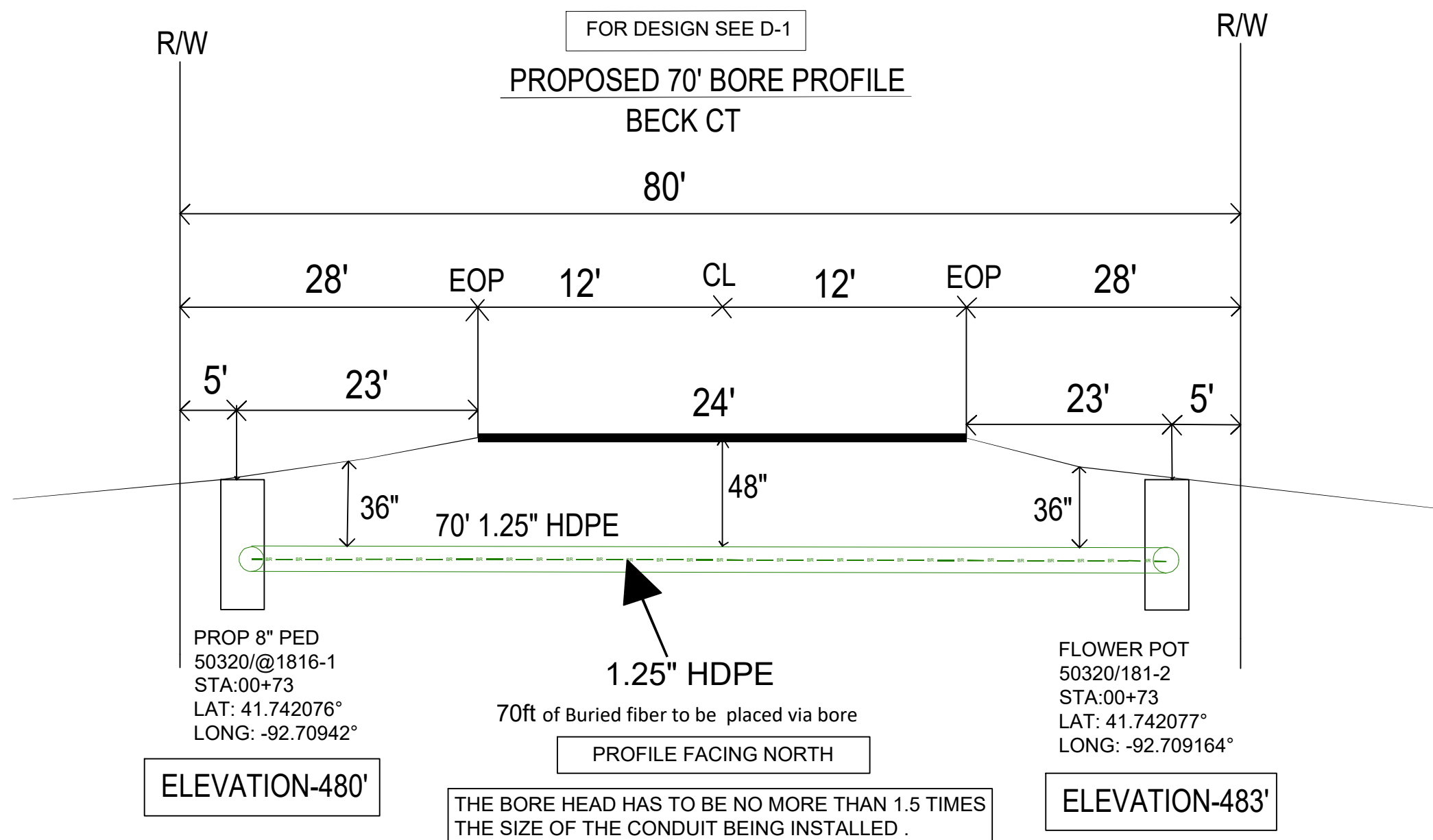
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **D-1**


CYIENT INC

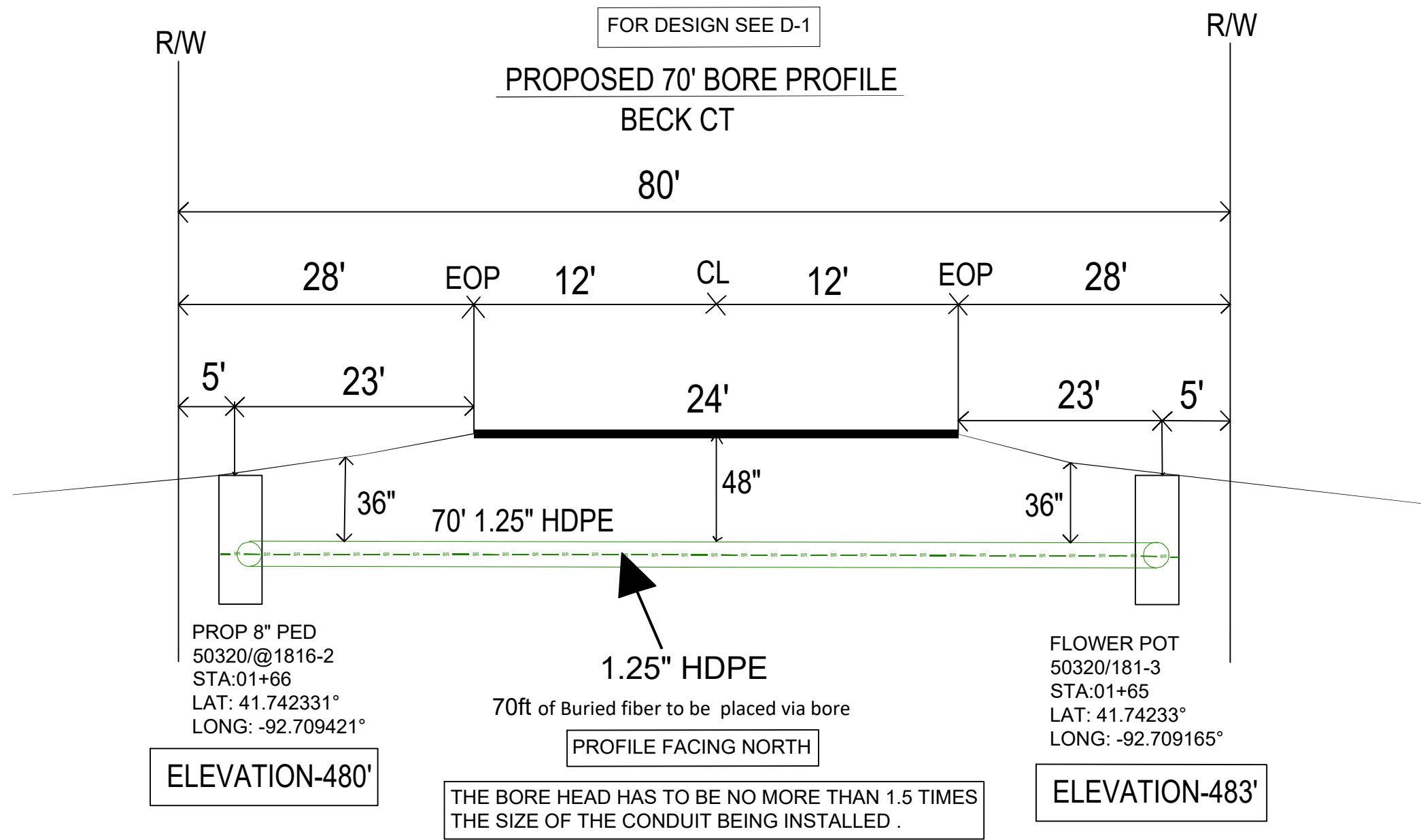


ELEVATION-480'

THE BORE HEAD HAS TO BE NO MORE THAN 1.5 TIMES THE SIZE OF THE CONDUIT BEING INSTALLED .

ELEVATION-483'

DATE CREATED:	04/29/2026
DATE REVISED:	
DRAWN BY:	CYIENT INC
GRAPHIC SCALE 	
COMPANY:	KINETIC
SYSTEM:	GRINNELL_IA
PROJECT NUMBER:	713362228
DESCRIPTION:	SEFH6588 4GA1_SERVING_AREA
SHEET:	D-1(1)
CYIENT INC	



FOR DESIGN SEE D-1

**PROPOSED 70' BORE PROFILE
BECK CT**

80'

28' EOP 12' CL 12' EOP 28'

5' 23' 24' 23' 5'

70' 1.25" HDPE

1.25" HDPE

70ft of Buried fiber to be placed via bore

PROFILE FACING NORTH

THE BORE HEAD HAS TO BE NO MORE THAN 1.5 TIMES THE SIZE OF THE CONDUIT BEING INSTALLED .

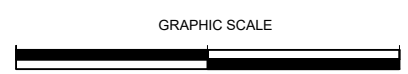
PROP 8" PED
50320/@1816-2
STA:01+66
LAT: 41.742331°
LONG: -92.709421°

ELEVATION-480'

FLOWER POT
50320/181-3
STA:01+65
LAT: 41.74233°
LONG: -92.709165°

ELEVATION-483'

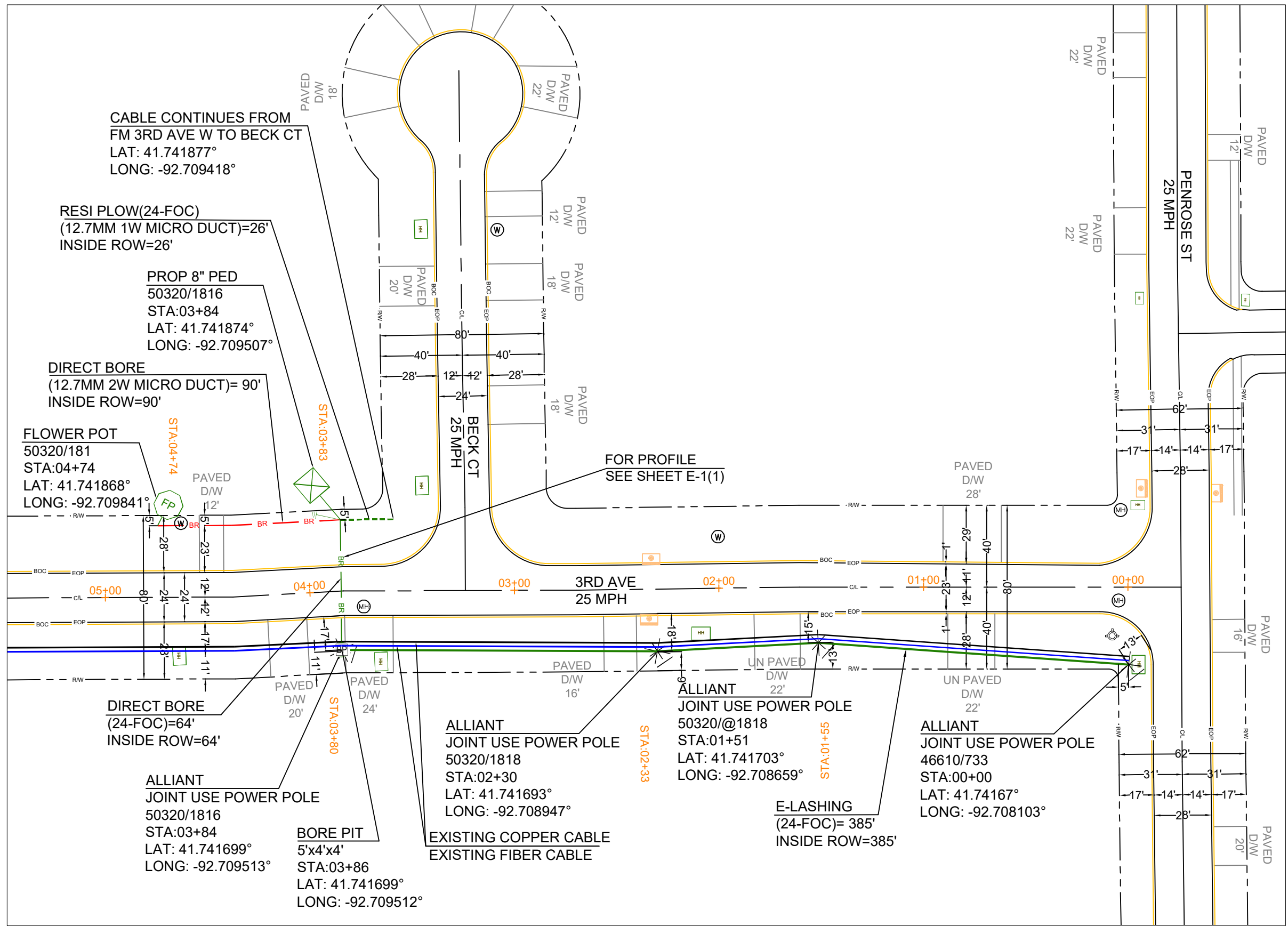
DATE CREATED: 04/29/2026
DATE REVISED:
DRAWN BY: CYIENT INC



COMPANY: KINETIC
SYSTEM: GRINNELL_IA
PROJECT NUMBER: 713362228
DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: D-1(2)

CYIENT INC



CABLE CONTINUES FROM
FM 3RD AVE W TO BECK CT
LAT: 41.741877°
LONG: -92.709418°

RESI PLOW(24-FOC)
(12.7MM 1W MICRO DUCT)=26'
INSIDE ROW=26'

PROP 8" PED
50320/1816
STA:03+84
LAT: 41.741874°
LONG: -92.709507°

DIRECT BORE
(12.7MM 2W MICRO DUCT)= 90'
INSIDE ROW=90'

FLOWER POT
50320/181
STA:04+74
LAT: 41.741868°
LONG: -92.709841°

DIRECT BORE
(24-FOC)=64'
INSIDE ROW=64'

ALLIANT
JOINT USE POWER POLE
50320/1816
STA:03+84
LAT: 41.741699°
LONG: -92.709513°

BORE PIT
5'x4'x4'
STA:03+86
LAT: 41.741699°
LONG: -92.709512°

ALLIANT
JOINT USE POWER POLE
50320/1818
STA:02+30
LAT: 41.741693°
LONG: -92.708947°

EXISTING COPPER CABLE
EXISTING FIBER CABLE

ALLIANT
JOINT USE POWER POLE
50320/@1818
STA:01+51
LAT: 41.741703°
LONG: -92.708659°

E-LASHING
(24-FOC)= 385'
INSIDE ROW=385'

ALLIANT
JOINT USE POWER POLE
46610/733
STA:00+00
LAT: 41.74167°
LONG: -92.708103°

⚠ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	154' L.F
DIRECT BURIED	0' L.F
PLOW	26' L.F
DRY BORE	0' L.F
TOTAL	180' L.F

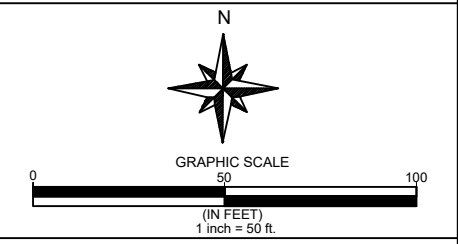
STRUCTURE DETAILS	
6" PED	1 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	385' L.F
NO LASHING	0' L.F
TOTAL	385' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

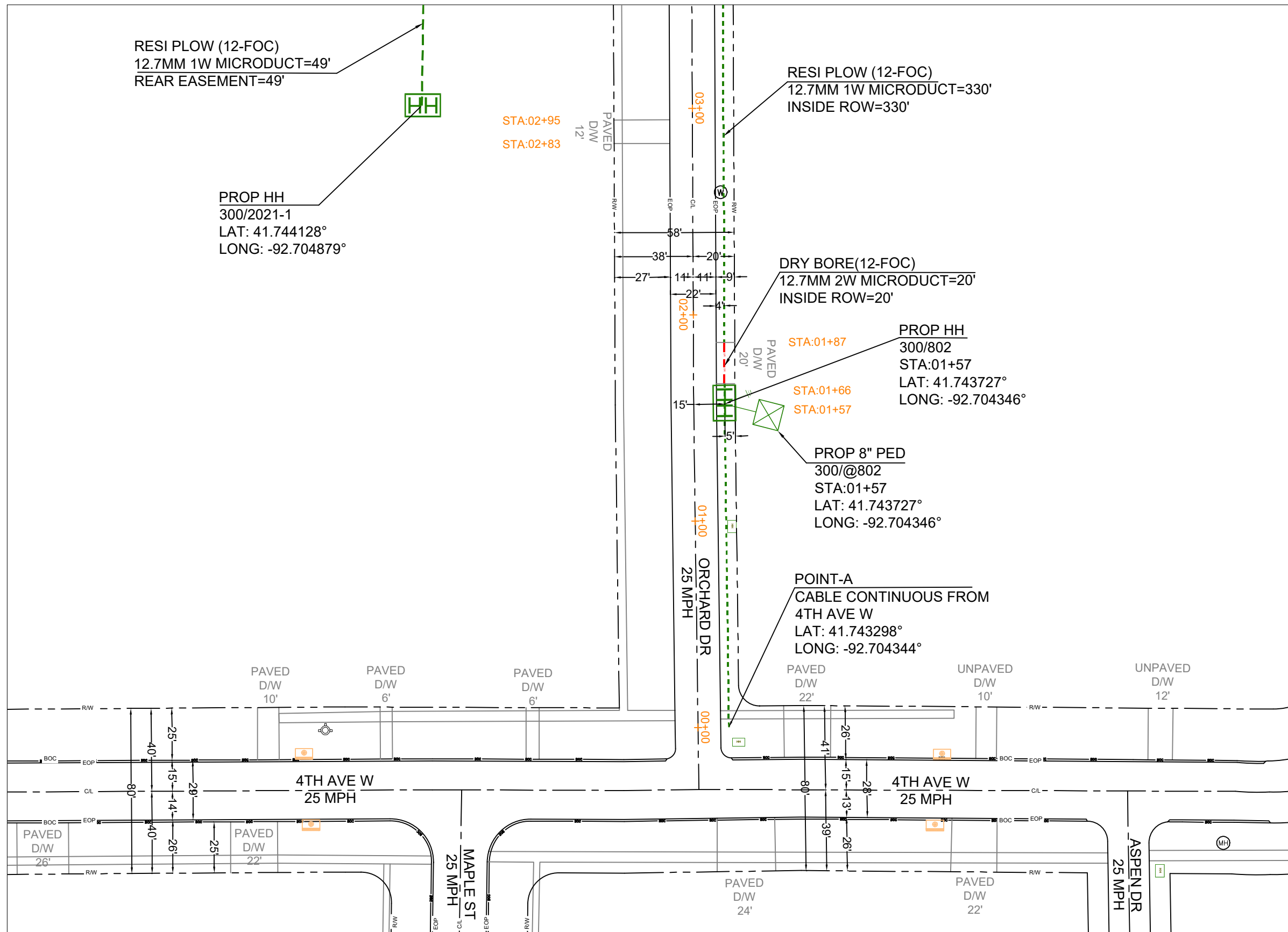
PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **E-1**

CYIENT INC

F-2 (STA: 04+21)



⚠ DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	379' L.F
DRY BORE	20' L.F
TOTAL	399' L.F

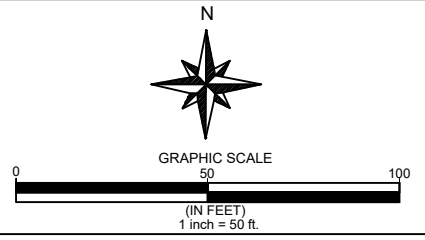
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	2 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

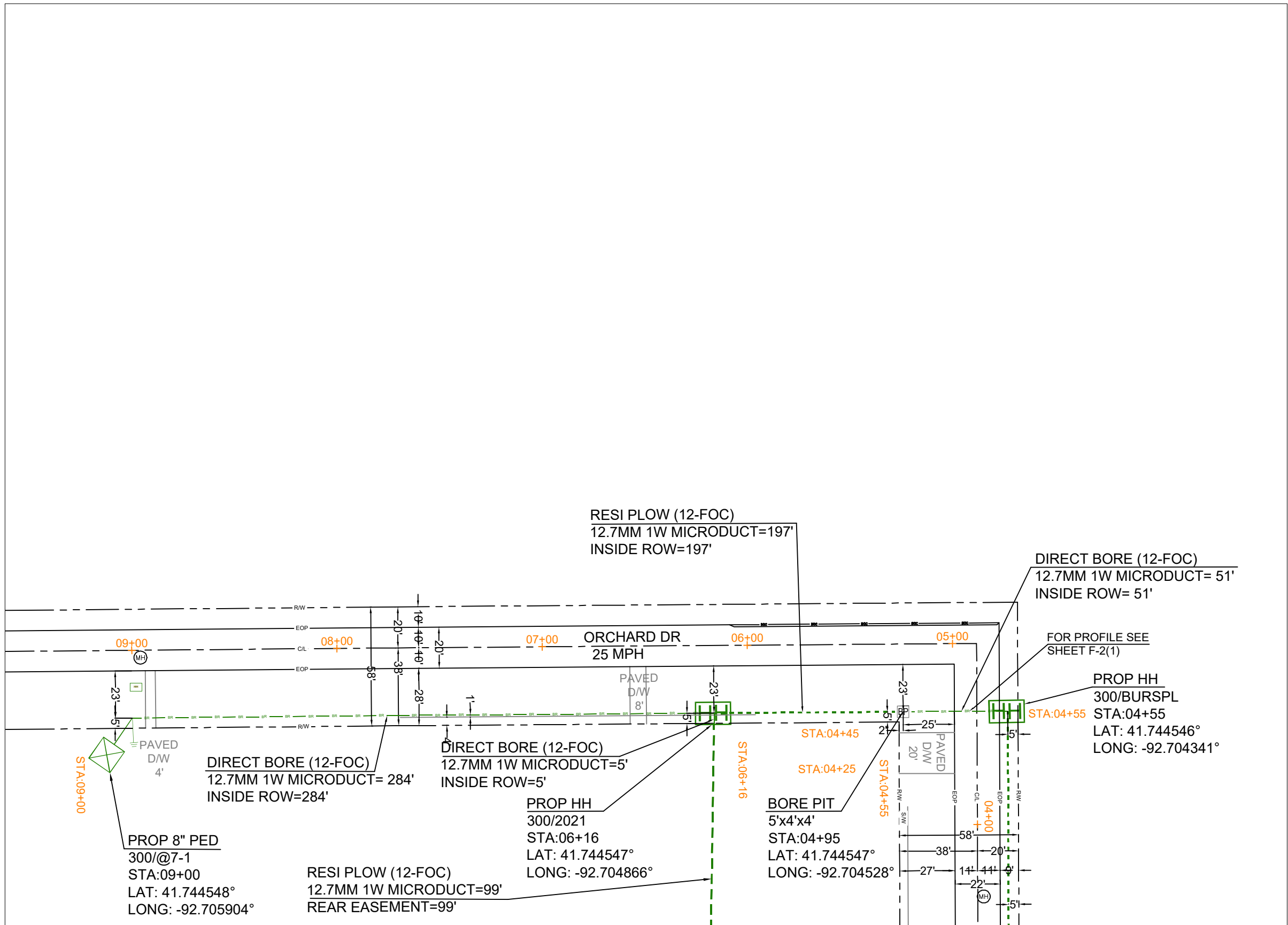
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **F-1**

CYIENT INC



F-1 (STA: 04+21)

DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	339' L.F
DIRECT BURIED	0' L.F
PLOW	296' L.F
DRY BORE	0' L.F
TOTAL	635' L.F

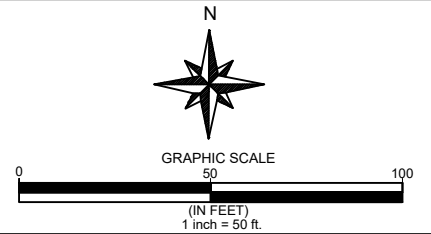
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	2 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

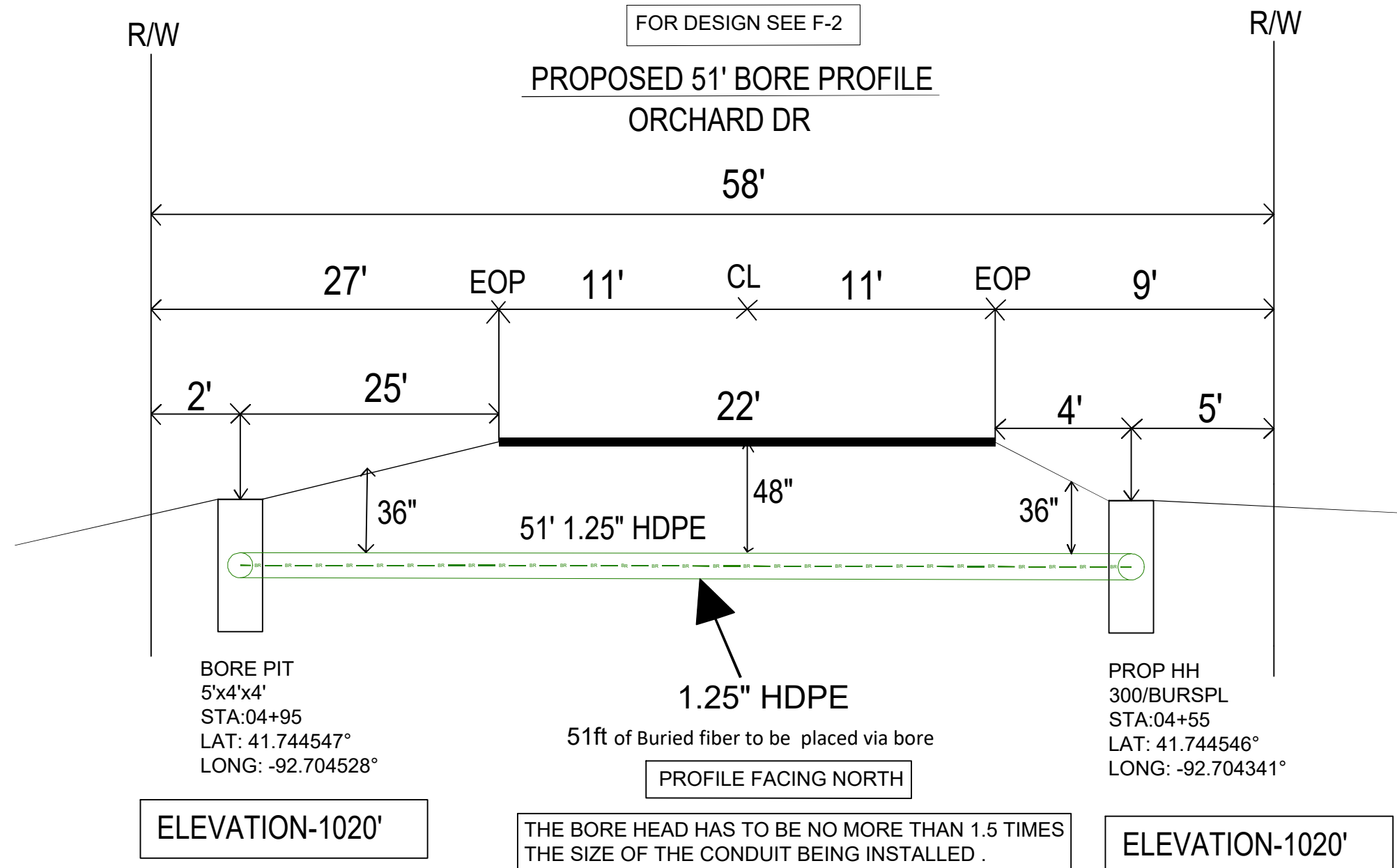
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **F-2**

CYIENT INC



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

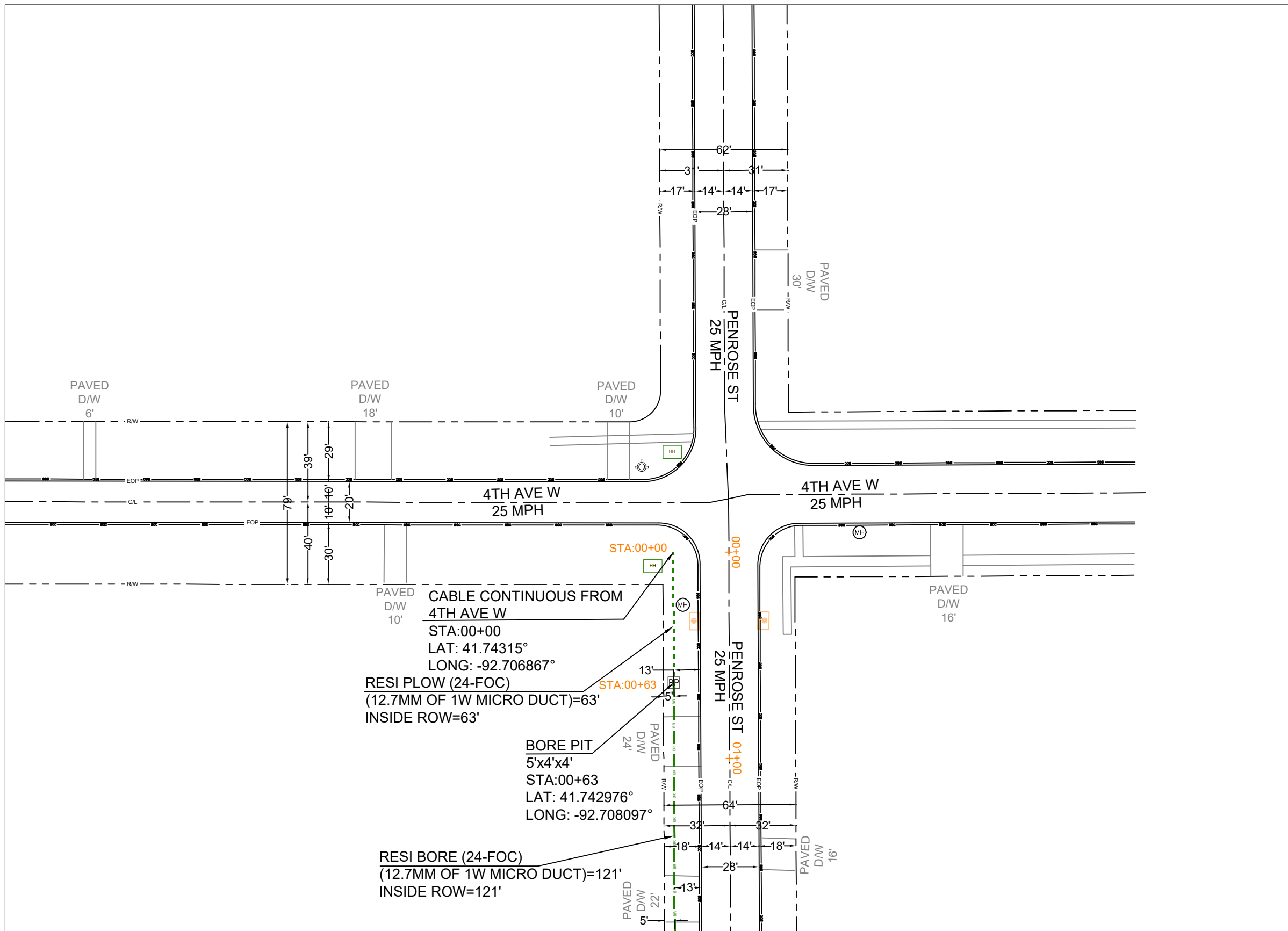
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **F-2(1)**

CYIENT INC



G-2 (STA: 02+09)

DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	121' L.F
DIRECT BURIED	0' L.F
PLOW	63' L.F
DRY BORE	0' L.F
TOTAL	184' L.F

STRUCTURE DETAILS

6" PED	0 E.A
8" PED	0 E.A
HH	0 E.A
10" PED	0 E.A

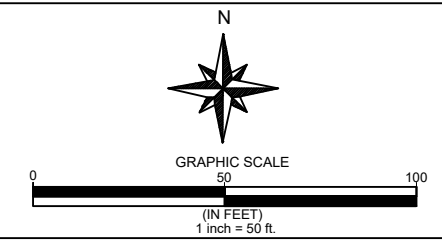
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

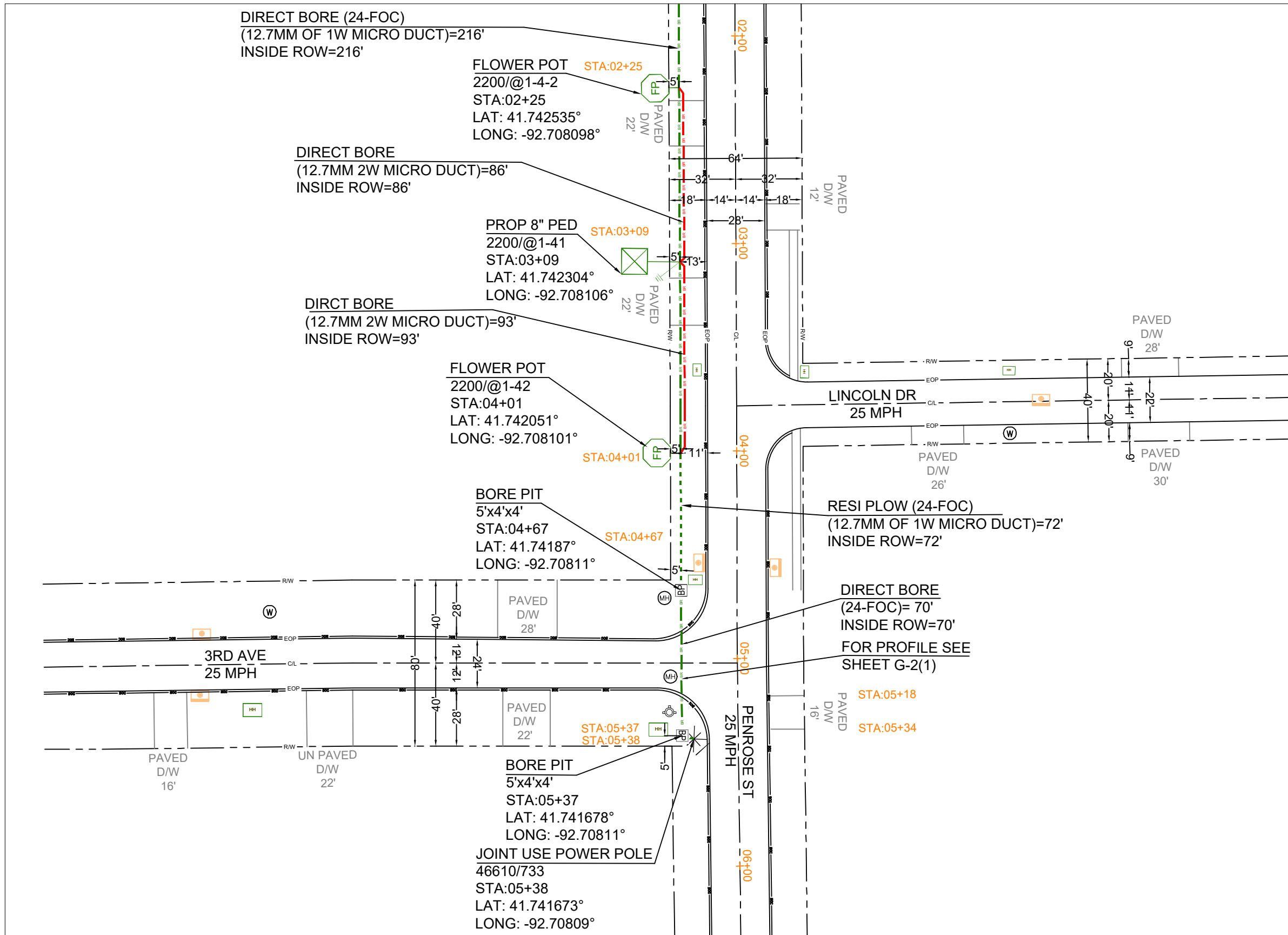
PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **G-1**

CYIENT INC

G-1 (STA: 02+09)



DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	465' L.F
DIRECT BURIED	0' L.F
PLOW	72' L.F
DRY BORE	0' L.F
TOTAL	537' L.F

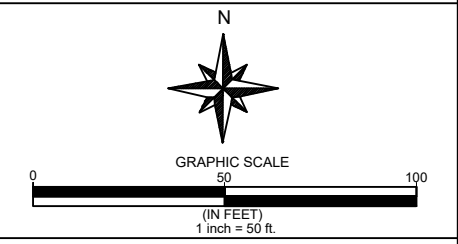
STRUCTURE DETAILS	
6" PED	2 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

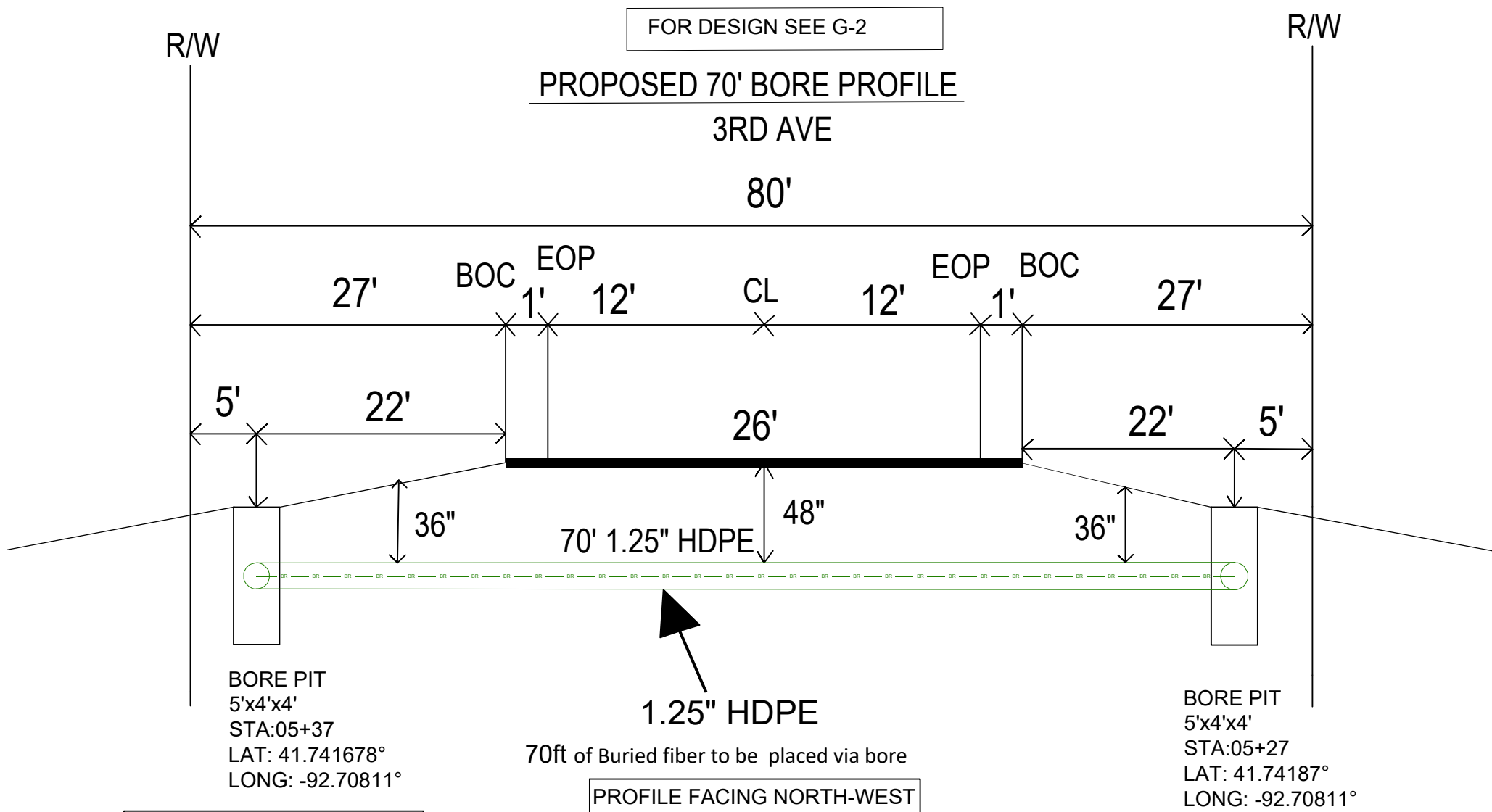
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **G-2**

CYIENT INC



FOR DESIGN SEE G-2

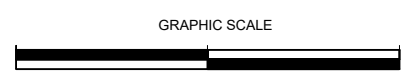
**PROPOSED 70' BORE PROFILE
3RD AVE**

ELEVATION-1014'

THE BORE HEAD HAS TO BE NO MORE THAN 1.5 TIMES THE SIZE OF THE CONDUIT BEING INSTALLED .

ELEVATION-1015'

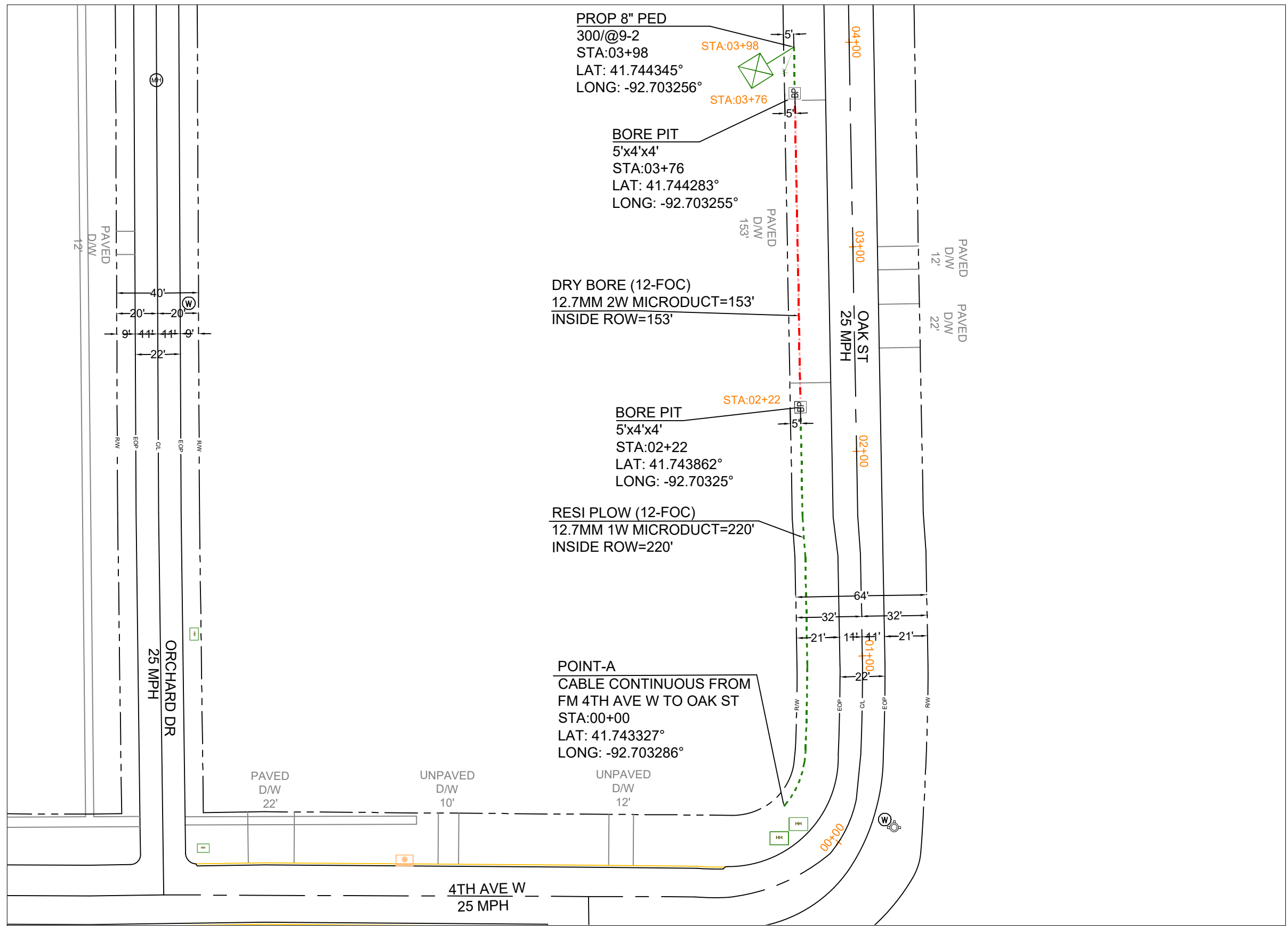
DATE CREATED: 04/29/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL_IA
 PROJECT NUMBER: 713362228
 DESCRIPTION:
 SEFH6588
 4GA1_SERVING_AREA

SHEET: **G-2(1)**

CYIENT INC



PROP 8" PED
 300/@9-2
 STA:03+98
 LAT: 41.744345°
 LONG: -92.703256°

BORE PIT
 5'x4'x4'
 STA:03+76
 LAT: 41.744283°
 LONG: -92.703255°

DRY BORE (12-FOC)
 12.7MM 2W MICRODUCT=153'
 INSIDE ROW=153'

BORE PIT
 5'x4'x4'
 STA:02+22
 LAT: 41.743862°
 LONG: -92.70325°

RESI PLOW (12-FOC)
 12.7MM 1W MICRODUCT=220'
 INSIDE ROW=220'

POINT-A
 CABLE CONTINUOUS FROM
 FM 4TH AVE W TO OAK ST
 STA:00+00
 LAT: 41.743327°
 LONG: -92.703286°

DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	220' L.F
DRY BORE	153' L.F
TOTAL	373' L.F

STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC

N

GRAPHIC SCALE
 0 50 100
 (IN FEET)
 1 inch = 50 ft.

COMPANY: KINETIC

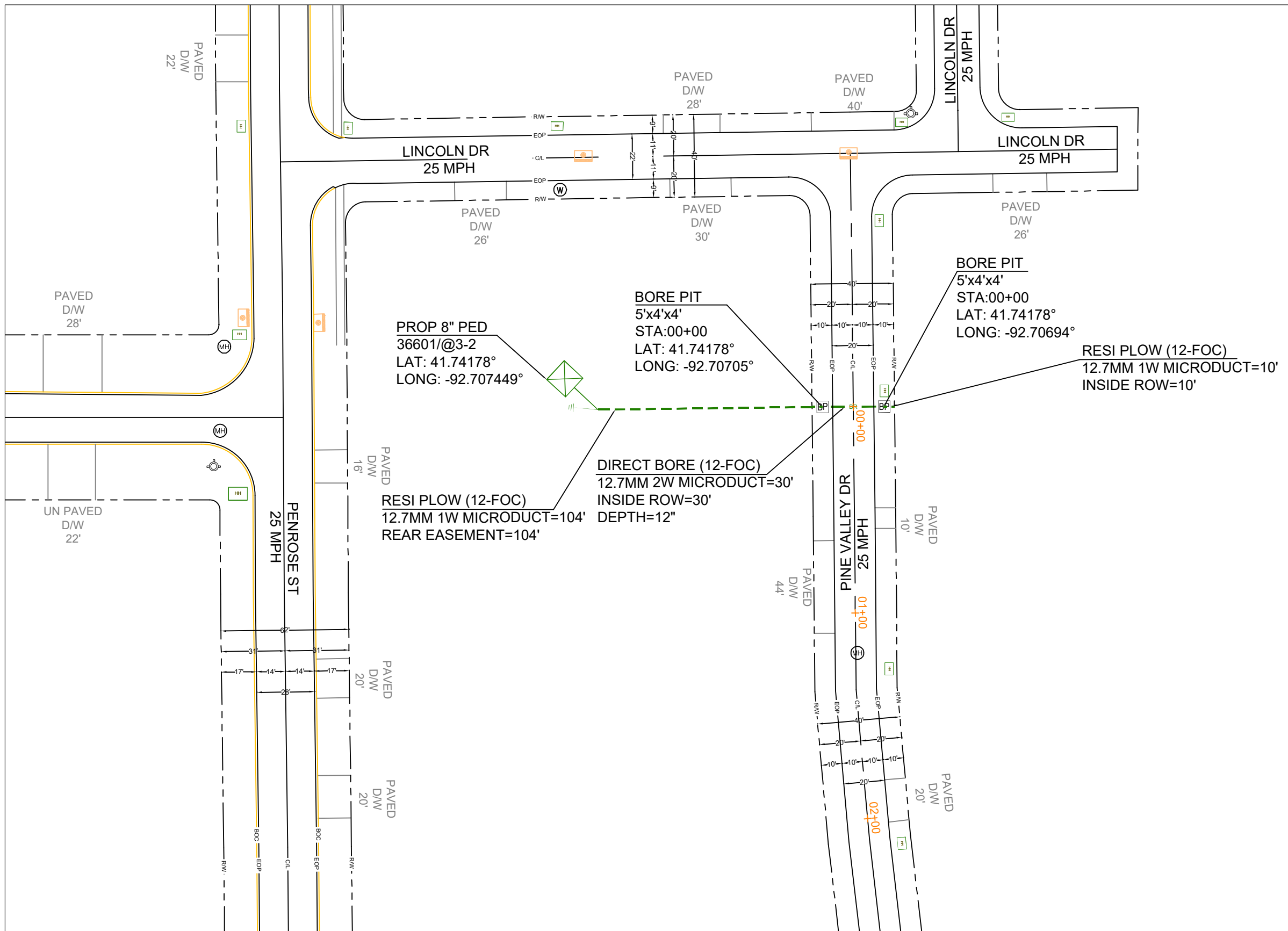
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
 SEFH6588
 4GA1_SERVING_AREA

SHEET: **H-1**

CYIENT INC



DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	30' L.F
DIRECT BURIED	0' L.F
PLOW	114' L.F
DRY BORE	0' L.F
TOTAL	144' L.F

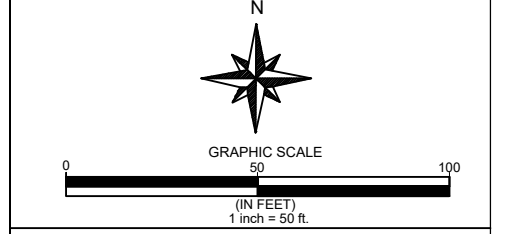
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

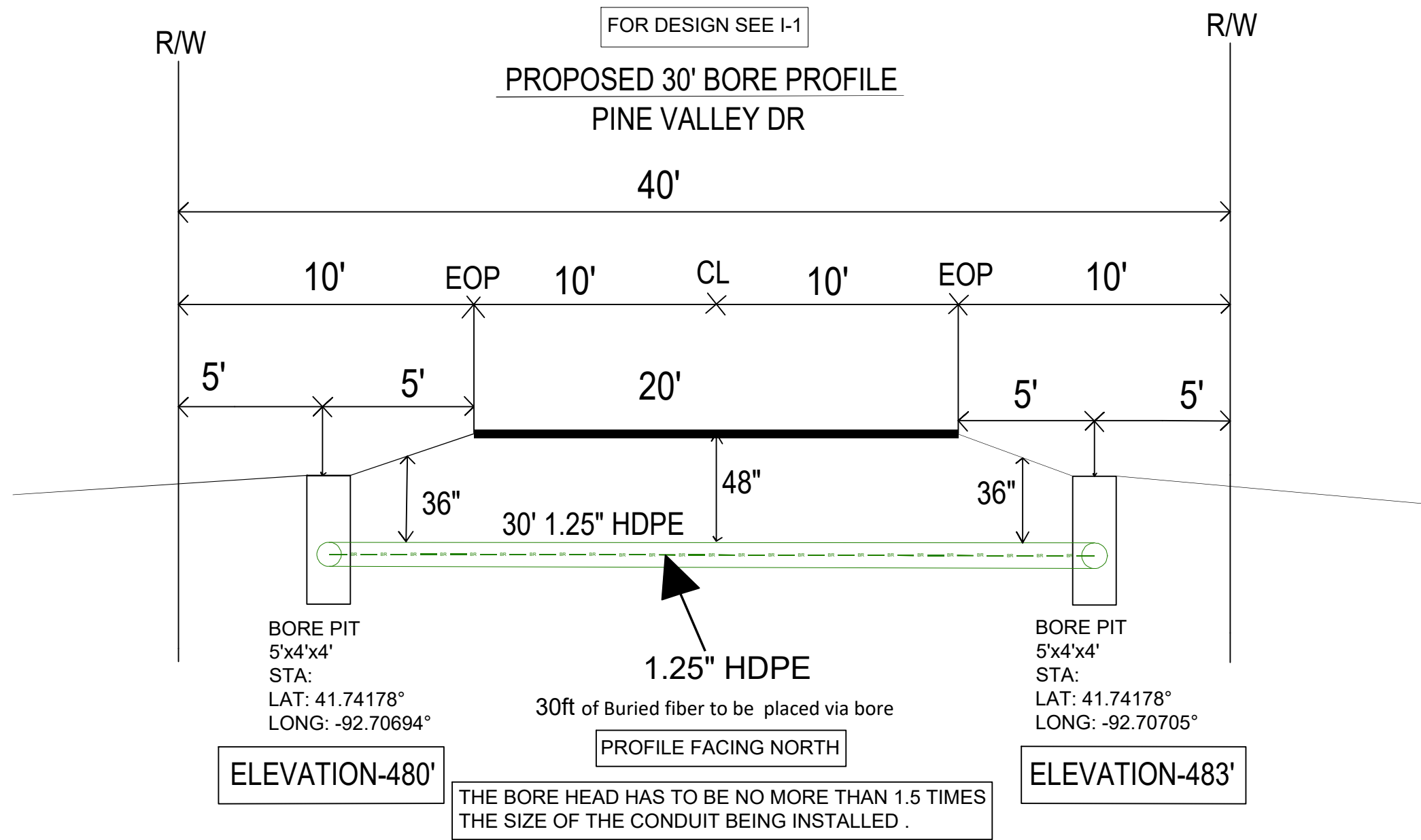
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **I-1**

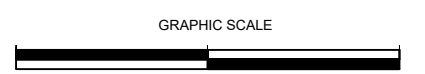
CYIENT INC



DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

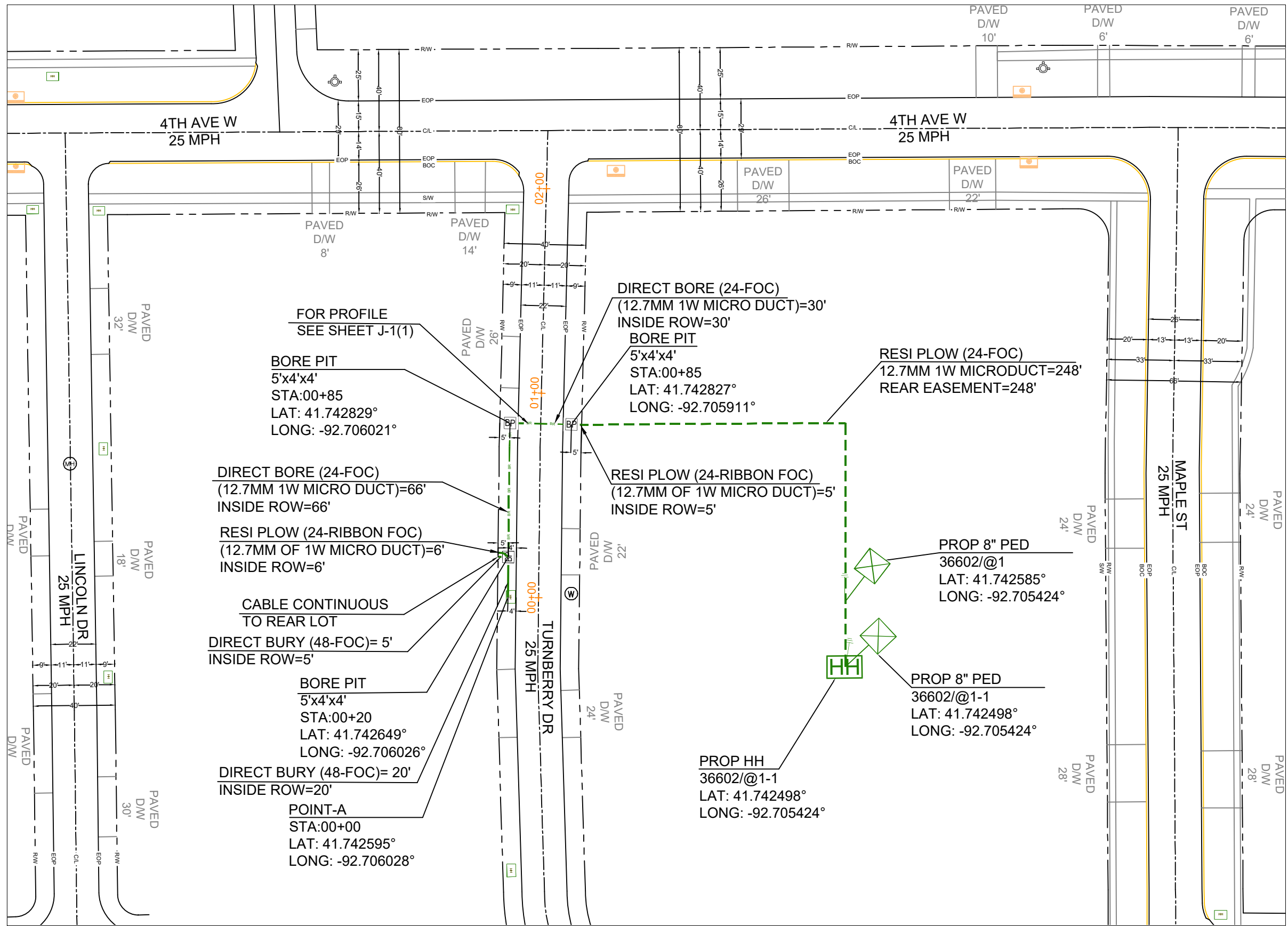
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: I-1(1)

CYIENT INC



⚠️ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

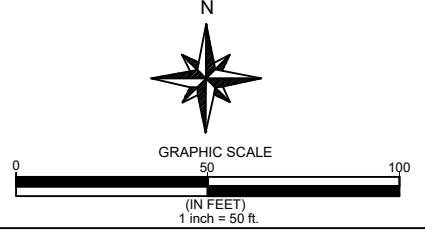
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	96' L.F
DIRECT BURIED	25' L.F
PLOW	259' L.F
DRY BORE	0' L.F
TOTAL	380' L.F

STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	2 E.A
HH	1 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

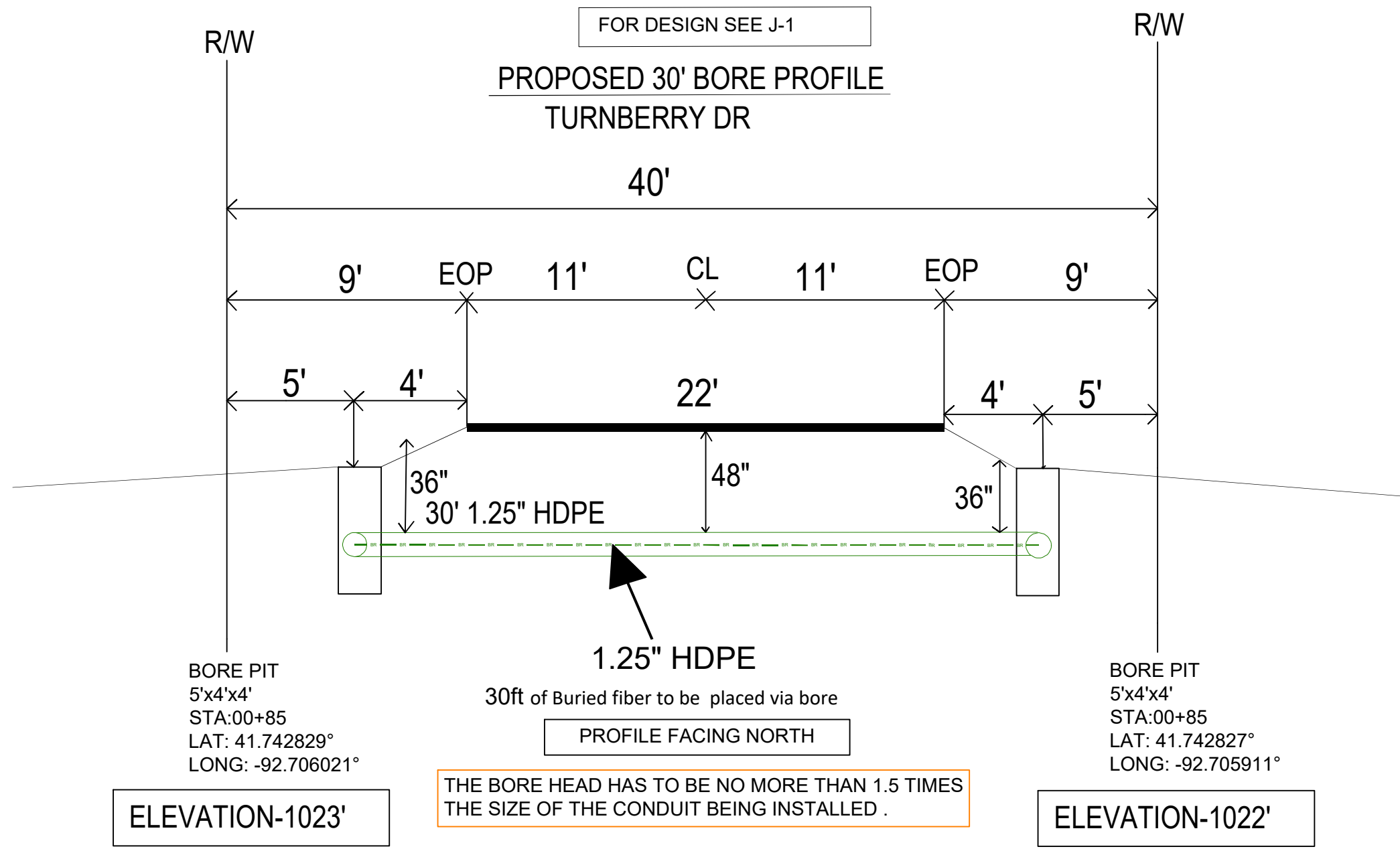
DATE CREATED: 04/29/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



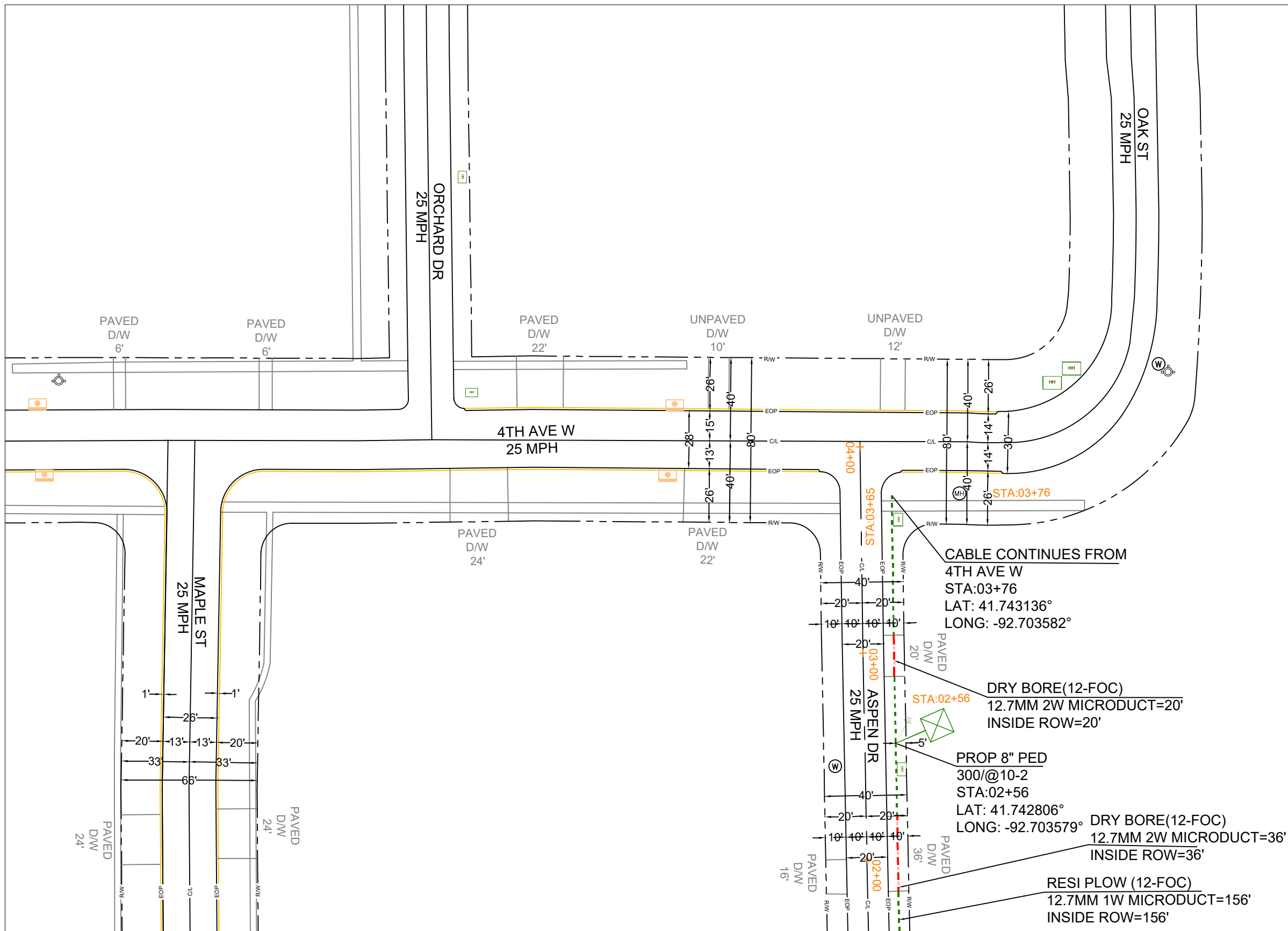
COMPANY: KINETIC
 SYSTEM: GRINNELL IA
 PROJECT NUMBER: 713362228
 DESCRIPTION:
 SEFH6588
 4GA1_SERVING_AREA

SHEET: **J-1**

CYIENT INC



DATE CREATED:	04/29/2026
DATE REVISED:	
DRAWN BY:	CYIENT INC
GRAPHIC SCALE 	
COMPANY:	KINETIC
SYSTEM:	GRINNELL_IA
PROJECT NUMBER:	713362228
DESCRIPTION:	SEFH6588 4GA1_SERVING_AREA
SHEET:	J-1(1)
CYIENT INC	



K-2 (STA: 00+00)

⚠ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	156' L.F
DRY BORE	56' L.F
TOTAL	212' L.F

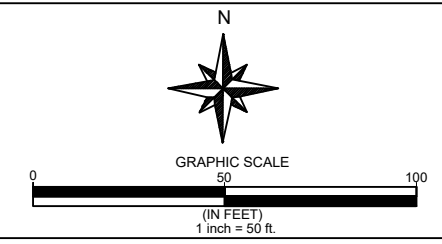
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	1 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

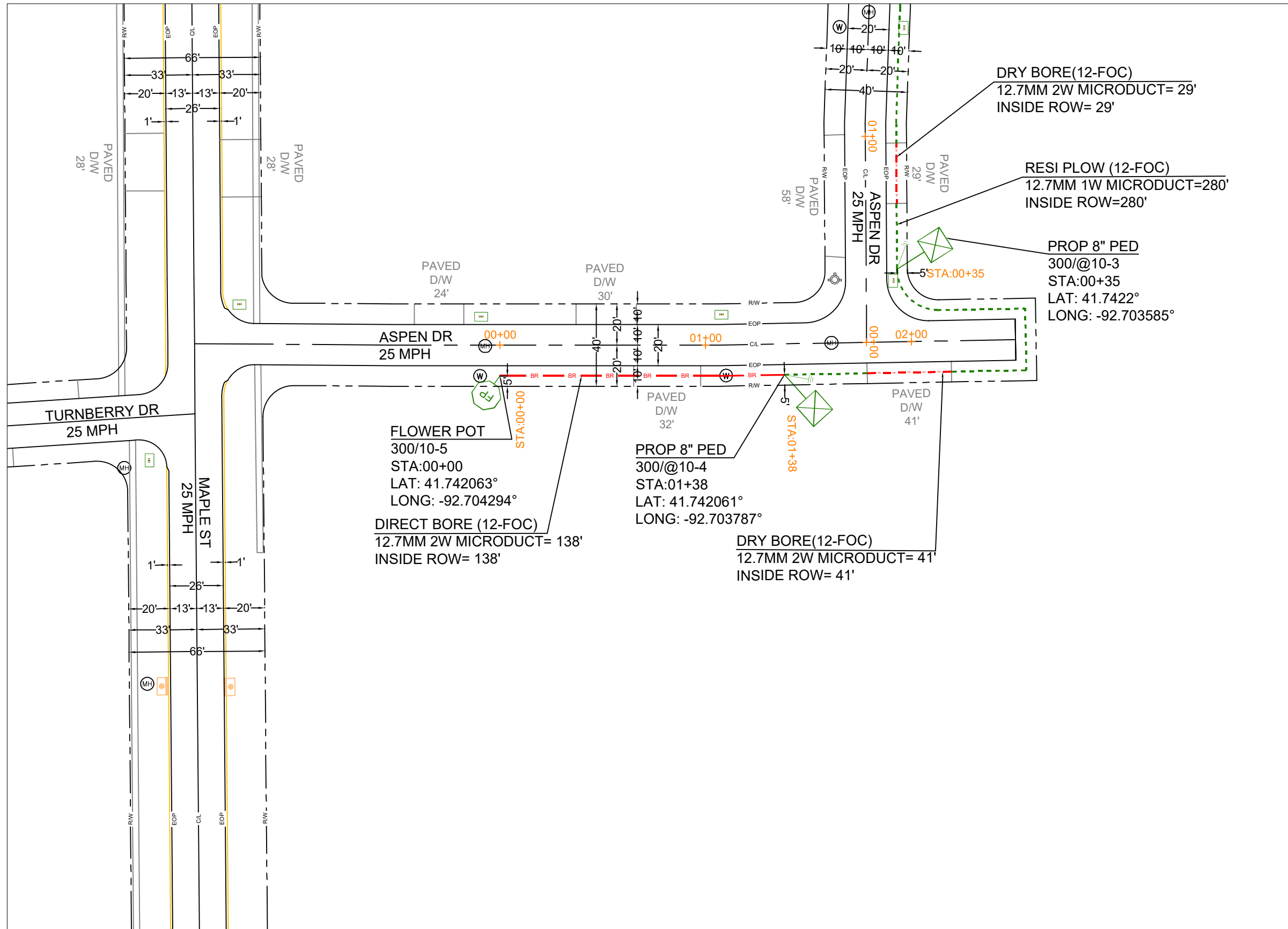
PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **K-1**

CYIENT INC

K-1 (STA: 00+00)



⚠ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	138' L.F
DIRECT BURIED	0' L.F
PLOW	280' L.F
DRY BORE	70' L.F
TOTAL	488' L.F

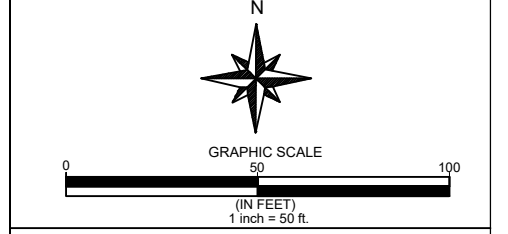
STRUCTURE DETAILS	
6" PED	1 E.A
8" PED	2 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

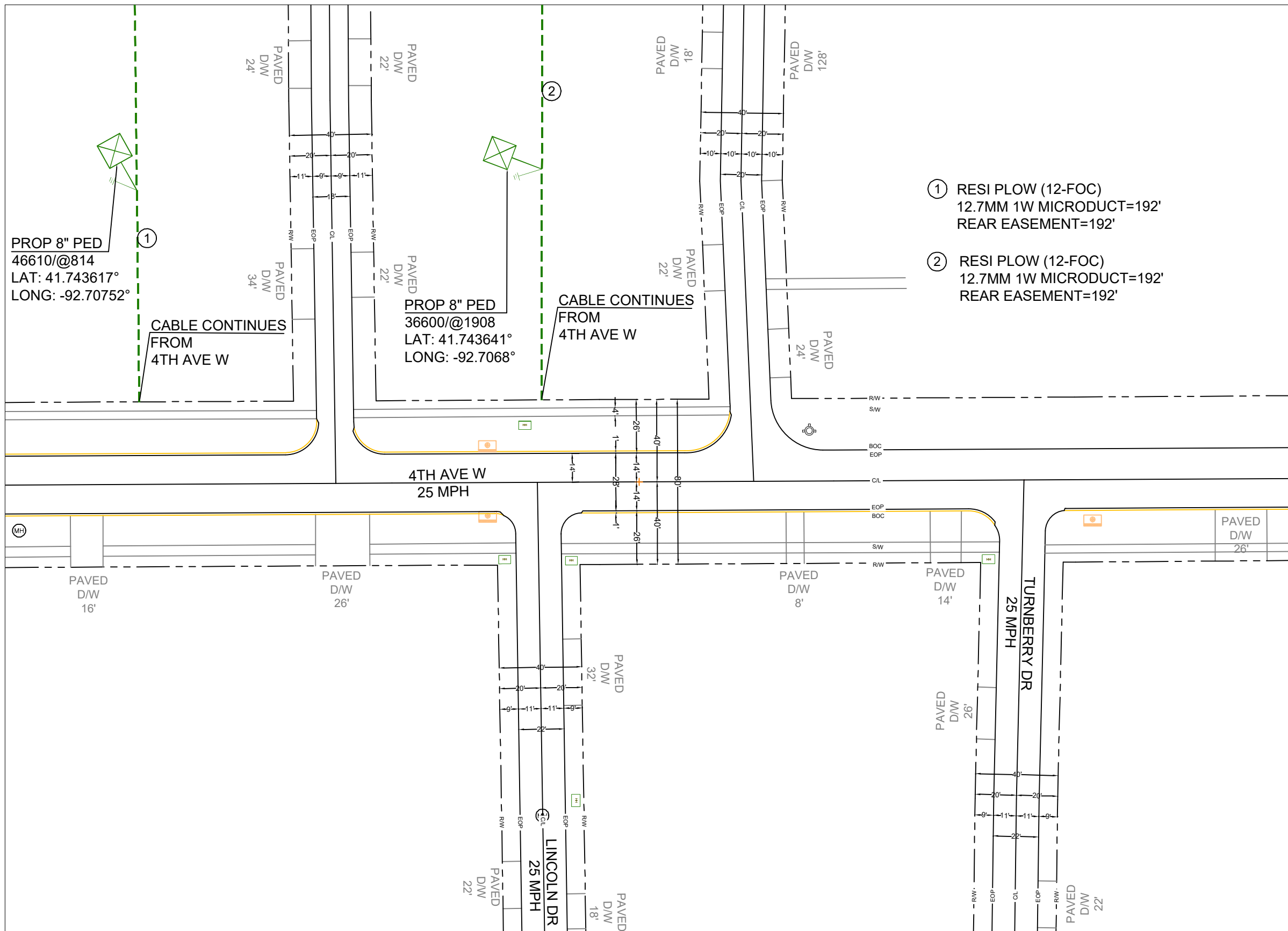
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **K-2**

CYIENT INC



DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
DIRECT BURIED	0' L.F
PLOW	384' L.F
DRY BORE	0' L.F
TOTAL	384' L.F

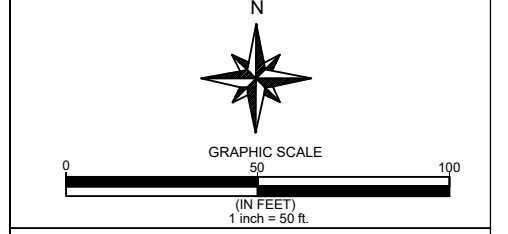
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	2 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

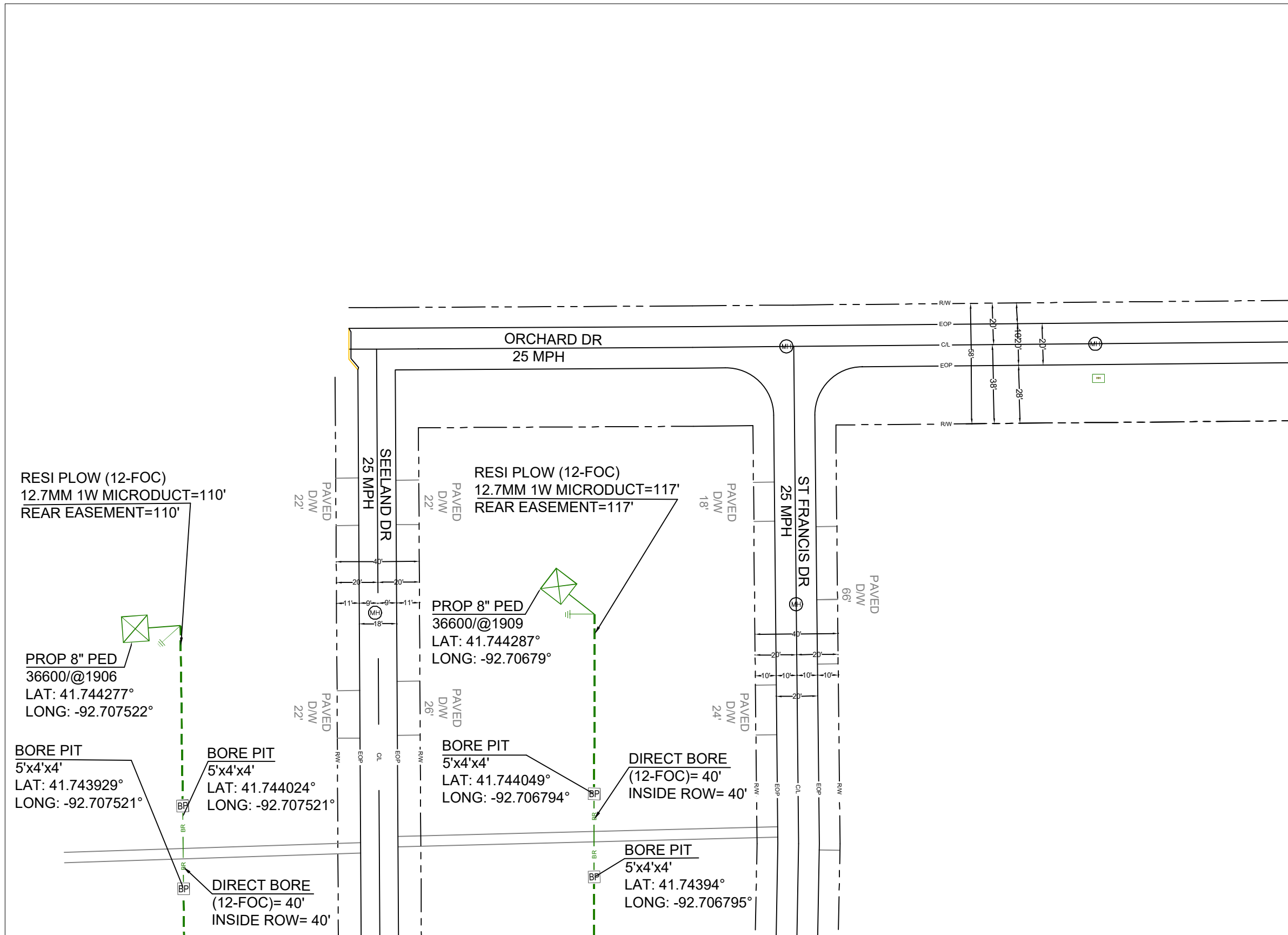
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

SHEET: **L-1**

CYIENT INC



⚠ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	80' L.F
DIRECT BURIED	0' L.F
PLOW	227' L.F
DRY BORE	0' L.F
TOTAL	307' L.F

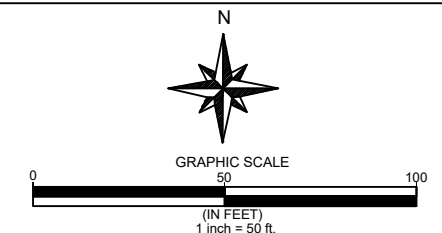
STRUCTURE DETAILS	
6" PED	0 E.A
8" PED	2 E.A
HH	0 E.A
10" PED	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/29/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

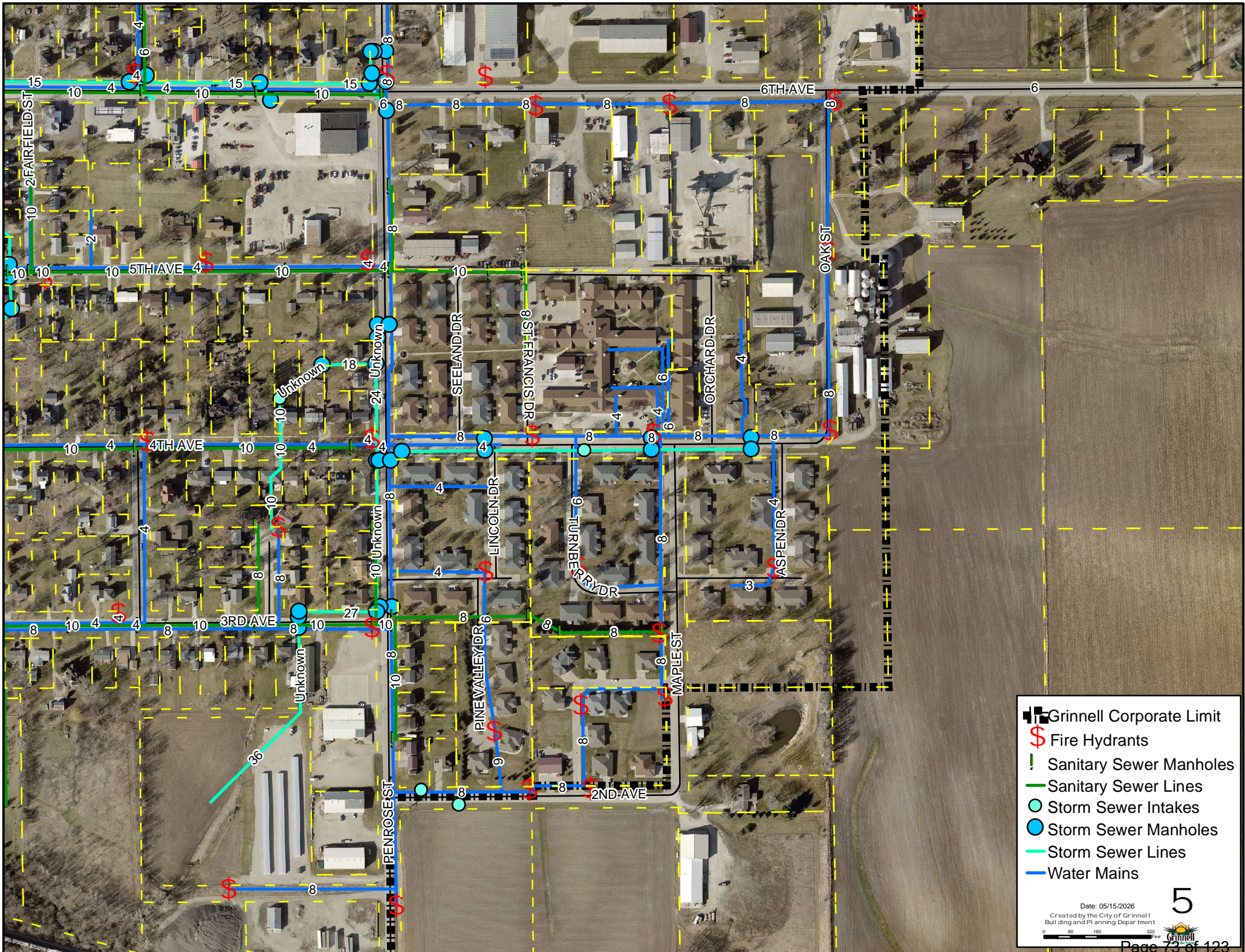
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362228

DESCRIPTION:
SEFH6588
4GA1_SERVING_AREA

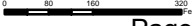
SHEET: **L-2**

CYIENT INC



-  Grinnell Corporate Limit
-  Fire Hydrants
-  Sanitary Sewer Manholes
-  Sanitary Sewer Lines
-  Storm Sewer Intakes
-  Storm Sewer Manholes
-  Storm Sewer Lines
-  Water Mains

Date: 05/15/2026
 Created by the City of Grinnell
 Building and Planning Department



CITY OF GRINNELL

New info and procedures are highlighted and effective as of 4/1/2022

**PUBLIC RIGHT-OF-WAY
COMMUNICATIONS SYSTEM
LICENSE APPLICATION
ORDINANCE NO. 1060**

**THIS APPLICATION WILL NOT BE FORMALLY REVIEWED FOR APPROVAL
UNTIL AFTER AN ON-SITE MEETING HAS
OCCURRED WITH THE INSTALLATION CREW**

1. Applicant: Windstream Iowa Communications, LLC 4005 N Rodney Parham

Name	Address
Little Rock, AR 72212	706-279-7354
City, State Zip	Telephone

2. **Contact Info for Installation Crew:** Kasey Hempstead, Ivan Hidy, Brandon Elverum 2218 200th St East

Name	Address
Clearwater, MN 55320	320-547-10099
City, State Zip	Telephone

3. Application requires an engineering site plan for the proposed system that is to be placed within the City Right-of-way. Check off each of these items as they are included on the site plan:
 - Plans drawn to scale.
 - Street names.
 - Right-of-way widths.
 - Pavement widths.
 - Sidewalk location and width including sidewalk ramps.
 - Obstacles or improvements that are in or near the work area.
An example of such are: existing trees, fence, drainage structures, Water stop-boxes, ditches, and utility vaults.
 - Horizontal and vertical location and physical size of the proposed utility.
 - Proposed construction work method such as "open cut" or "bore".
 - A drawing and explanation of concrete or asphalt restoration.
 - Information regarding sod work and tree replacement.
 - Location of other existing utilities within the work area.
 - Typical detail sections where special attention is required for some restoration work.
 - Excavation soil replacement and compaction requirements. Aggregate replacement under street surfaces, soil backfill outside of 5' from edge of street surface.
 - Detailed time schedule.
 - Address of adjacent properties.
 - Legal description of communication system location.

4. List any other items of concern particular to this project:

5. **Pre-Installation Meeting:** Before any work begins an on-site meeting with a City of Grinnell Representative must occur to go over the proposed project and verify any hazards or issues that must be taken note of. Work that begins without this meeting may result in Civil Citations being issued against the parties listed on this application. This project will not be reviewed for approval until the on-site meeting has occurred.
6. **Administrative Fee:** An Administrative fee of \$50.00 shall be due and payable to the City Engineer at the time of filing of the initial license application and at the time of filing of each proposed amendment to the license. (Attach copy of receipt) Receipt No. _____.
7. **Use Fee: (Serving no additional customers)** If the licensed serves no customers other than itself, then in addition to the Administrative Fee, the licensee shall pay a use fee to the City Engineer at the time of filing of the initial license application. The amount of the use fee shall be the greater of the following two (2) amounts: \$100.00 or \$1.00 per lineal foot of route traversed by the communication line within any public right-of-way in a C-2 zone and \$0.50 per lineal foot in any other part of the city. At the time of filing of each proposed amendment to the license involving an increase in the length of route traversed within public right-of-way, the licensee shall pay to the City Engineer an additional fee computed at the rate of \$1.00 per lineal foot of additional route of traversed within any public right-of-way.

(Serving additional customers) If the licensed system serves customers other than the licensee itself, then, in addition to the administrative fee, the licensee shall pay an annual use fee to the City Engineer. The annual use fee shall be based on a license year ending on March 31 of each year, and the use fee for each license year shall be due and payable at the end of such year on March 31, or if the license has terminated during such year, on the date of termination. The amount of the annual use fee shall be the greater of the following two (2) amounts: \$100.00, or three percent of the gross revenues derived by the licensee from the sale or exchange of services in connection with the operation of the licensee's communications system within the public right-of-way during the license year. Each annual use fee payment shall be accompanied by a report from the licensee in a form approved by the City Manager and the city legal department showing the basis for the computation of the fee and such other relevant data as may be required by the City Manager and the city legal department. Each such report shall contain a notarized verification by the chief financial officer of the licensee, and upon request by the city, such reports shall be verified by a certified public accountant at the expense of the licensee.

Office Use Only

Fees: Administrative Fee:			<u>\$50.00</u>
Use Fee:			
(No Additional Customers) Greater of \$100.00 or:			
Linear Feet Within C-2: _____	x	\$1.00	_____
Linear Feet Outside C-2: <u>8,340</u>	x	\$0.50	<u>4,170.00</u>
		Total:	<u>\$ 4,220.00</u>

(Additional Customers) Greater of \$100.00 or 3% Gross Revenues from Services. Paid annually.

Date of Acceptance 5-7-2026

Date of Approval _____

Staff TA

VICINITY MAP

KINETIC LOCATION MAP-GRINNELL_CITY

FOR ALL CROSSING AND LONGITUDINAL UTILITY DEPTH UNDER ALL PAVEMENT SURFACE WILL BE 4 FT AND UNDER UNPAVED SURFACE WILL BE 3 FT.

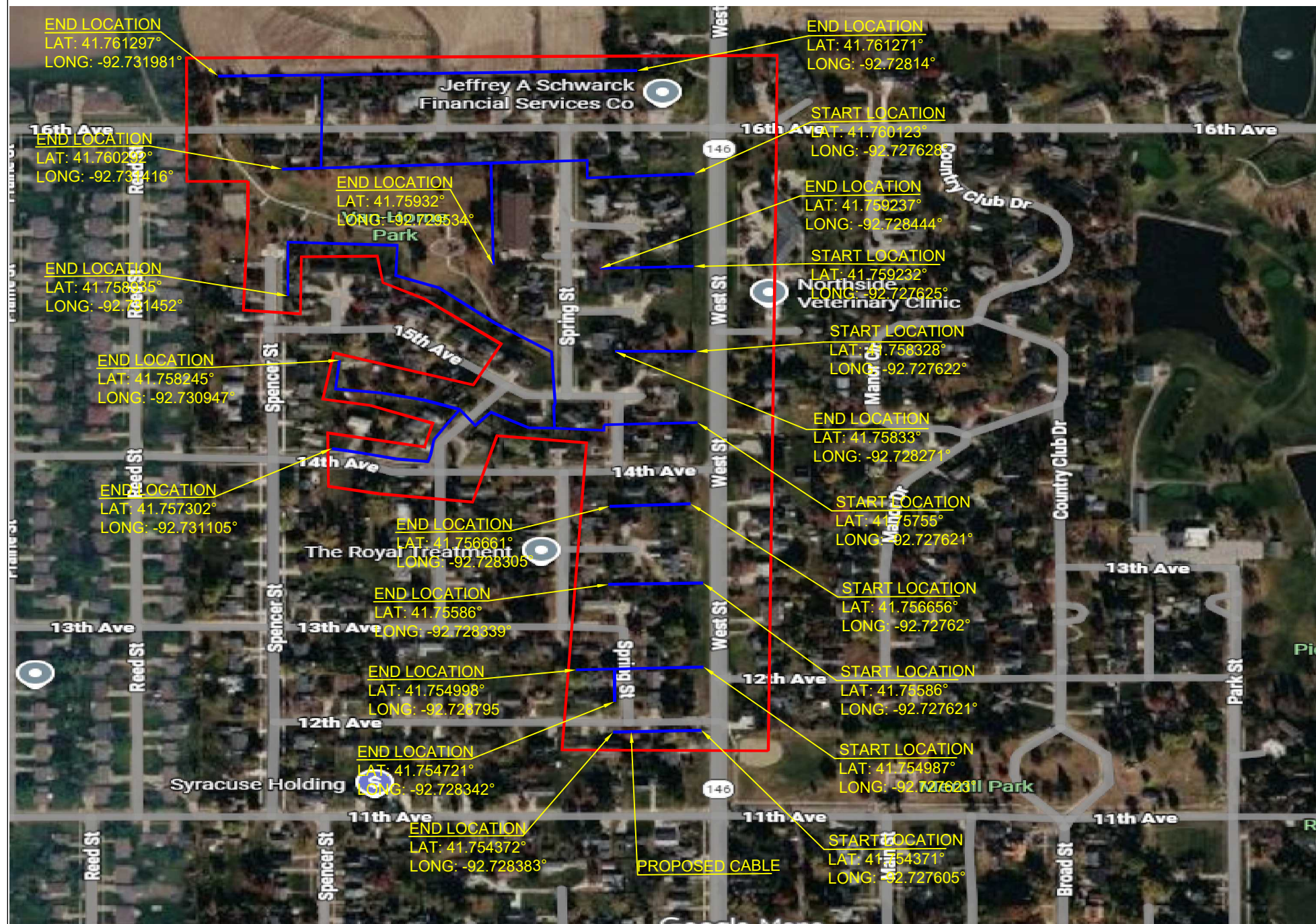
PROJECT NAME : SEFH6573

KINETIC PROPOSED TO PLACE 80' OF 48-CT, 3,510' OF 12-CT, 2,009' OF 24-CT, AND 2,741' OF 12.7MM 2W MICRODUCT OF BURIED CABLE WITH IN THE ROW.

RESI BORE = 6,710', RESI PLOW = 1,180', DIRECT BORE= 450'.

NUM OF PROP 8" PED=22, PROP 10" PED=1. AND FLOWER POTS= 16.

TOTAL PROPOSED CABLE =8,340'.



DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	450' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	1,180' L.F
RESI BORE	6,710' L.F
TOTAL	8,340' L.F

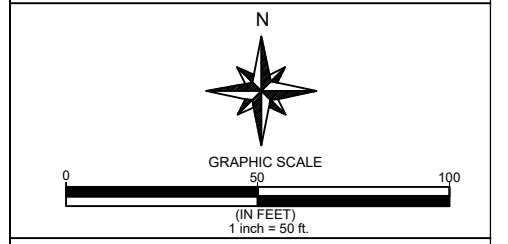
STRUCTURE DETAILS	
FLOWER POTS	16 E.A
8" PED	22 E.A
10" PED	1 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL_IA
 PROJECT NUMBER: 713362196
 DESCRIPTION:
 SEFH6573
 COA23_SERVING_AREA

MAP: VICINITY MAP

CYIENT INC

LEGEND			
JOINT USEPOWER POLE		PROPOSED PED	
UTILITY POLE		PROPOSED AERIAL TERMINAL	
DIRECT BURIED FOC		EXISTING AERIAL TERMINAL	
BORE		BORE PIT 5'x4'x4'	
TRENCH		EXISTING HH	
INNERDUCT		EXISTING FIBER PED	
DRY BORE		EXISTING COPPER PED	
NEW STRAND		CULVERT	
ELASH		EXISTING KINETIC FIBER PLACEMENT TYPE- AERIAL	
12.7 MM OF 2W MICRO DUCT BY DIRECT BORE		EXISTING KINETIC FIBER PLACEMENT TYPE- BURIED	
12.7 MM OF 2W MICRO DUCT BY DIRECT BURY		EXISTING KINETIC COPPER PLACEMENT- AERIAL	
12.7 MM OF 2W MICRO DUCT BY TRENCH		EXISTING KINETIC COPPER PLACEMENT- BURIED	
EDGE OF PAVEMENT		EXISTING MANHOLE	
RIGHT OF WAY		GAS MARKER	
CENTER LINE		UTILITY MARKER	
BACK OF CURB		WATER HYDRANT	
EDGE OF TRAVEL LINE		RR TRACK	
SIDEWALK		BRIDGE	
DRIVEWAY		GAS LINE	
DITCH LINE		WATER LINE	
EXISTING KINETIC AERIAL CABLE		SEWER LINE	
EXISTING KINETIC BURIED CABLE		STORM LINE	
EXISTING KINETIC AERIAL CABLE		ELECTRIC LINE	
EXISTING KINETIC BURIED CABLE			
EXISTING FDH			
PROPOSED FDH			

DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	370' L.F
TRENCH/DIRECT BURY	80' L.F
RESI PLOW	1,180' L.F
RESI BORE	3,969' L.F
TOTAL	5,599' L.F

STRUCTURE DETAILS

FLOWER POTS	16 E.A
8" PED	22 E.A
10" PED	1 E.A
AERIAL TERMINAL	0 E.A

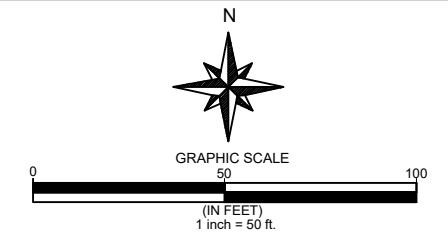
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362196

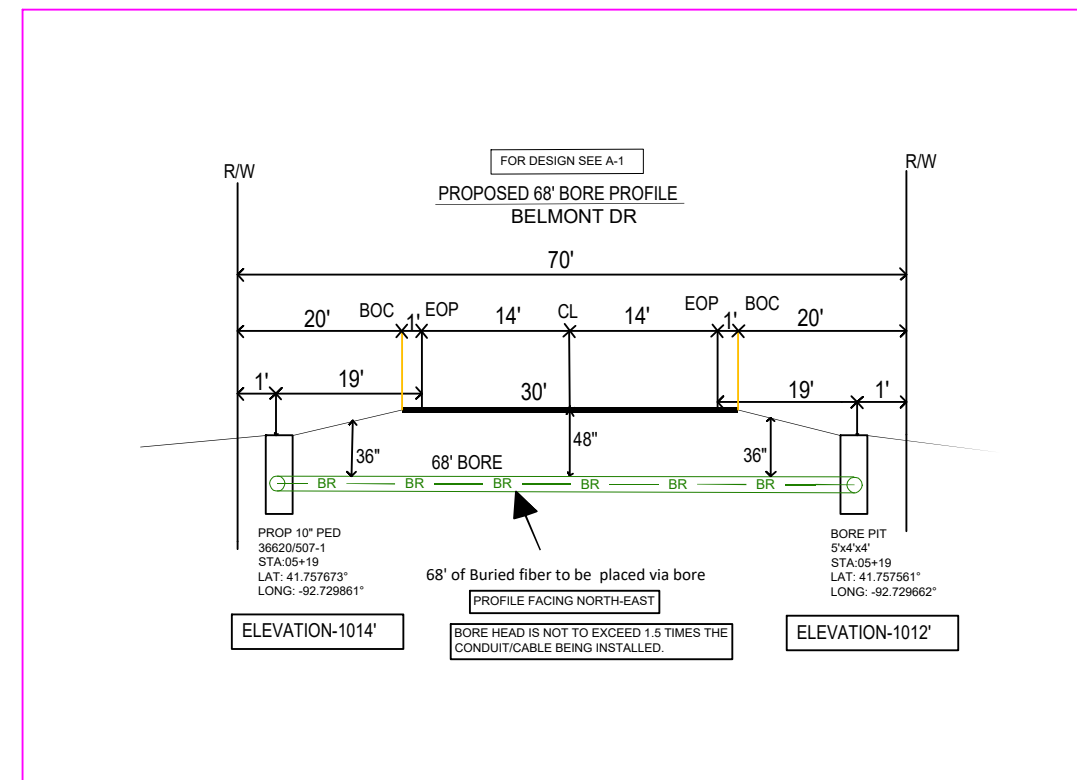
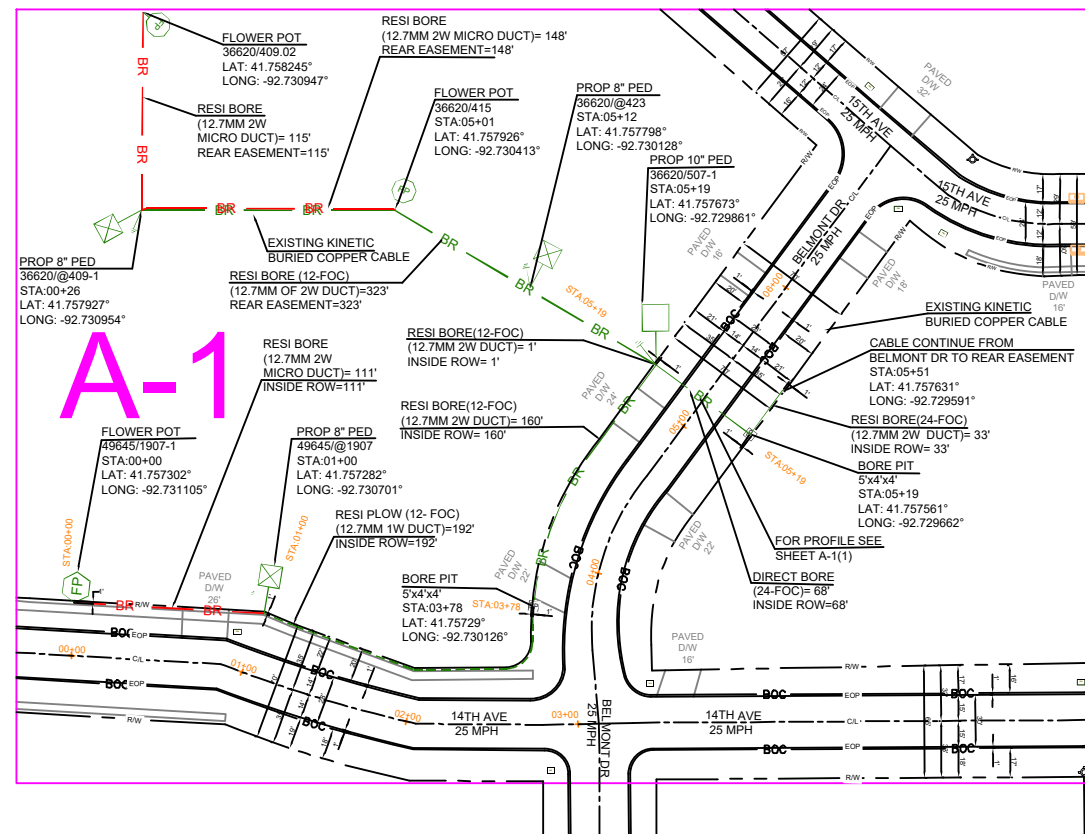
DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

MAP: LEGEND

CYIENT INC

BELMONT DR

A-1(1)



DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC

COMPANY: KINETIC

SYSTEM: GRINNELL_IA

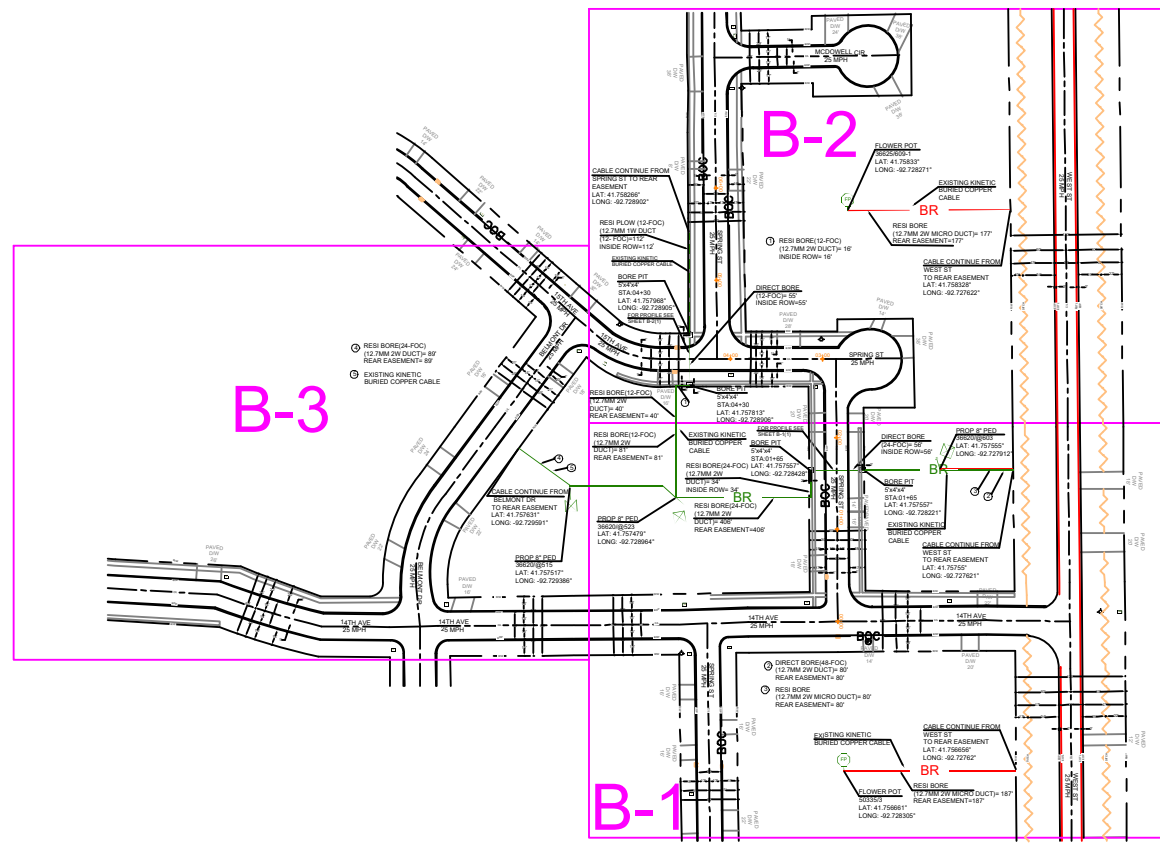
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DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

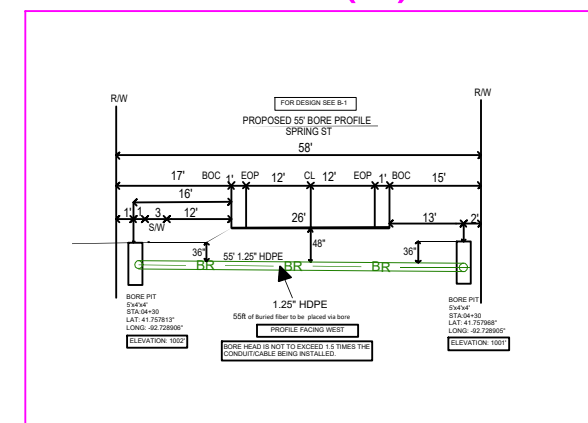
MAP: KEYMAP-1

CYIENT INC

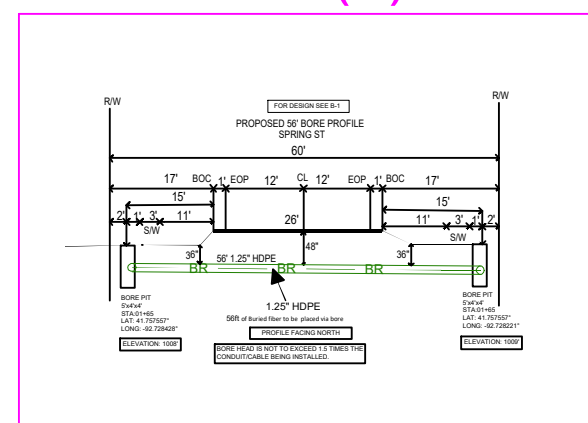
SPRING ST



B-2(1)



B-1(1)

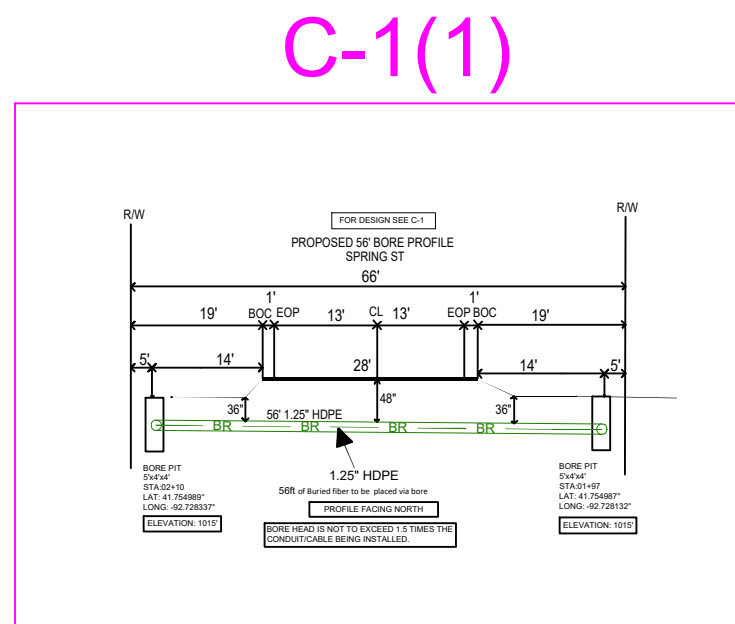
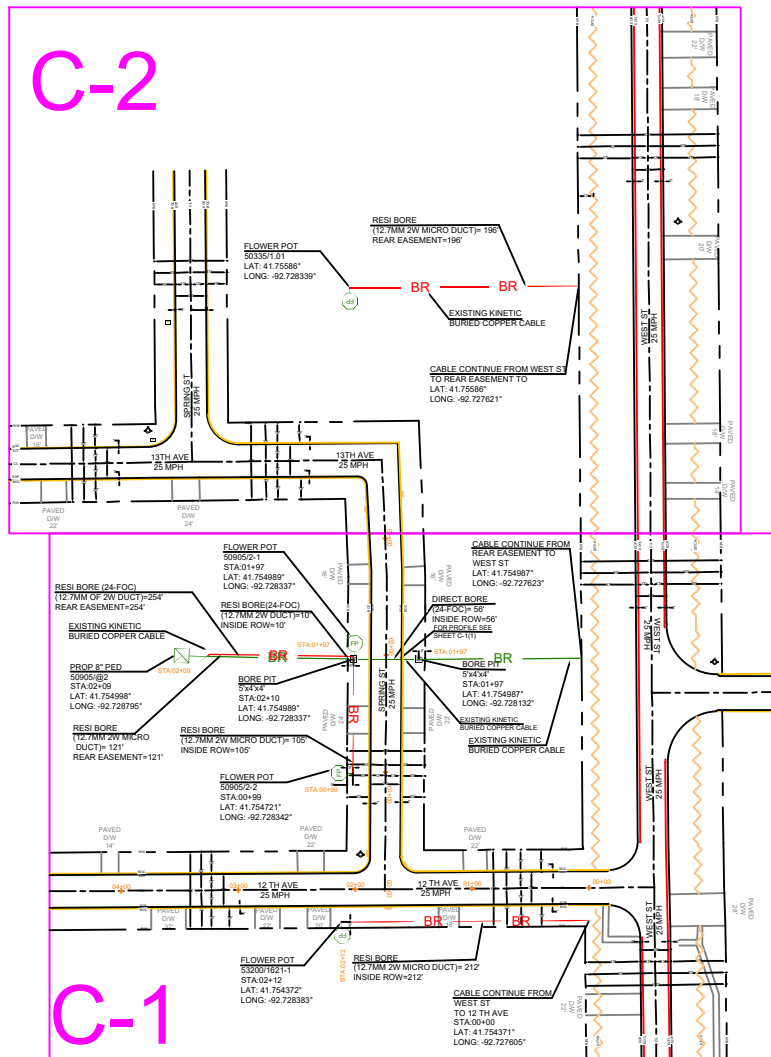


DATE CREATED: 04/28/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC

GRAPHIC SCALE
 0 50 100
 (IN FEET)
 1 inch = 50 ft.

COMPANY: KINETIC
 SYSTEM: GRINNELL_IA
 PROJECT NUMBER: 713362196
 DESCRIPTION:
 SEFH6573
 COA23_SERVING_AREA
 MAP: KEYMAP-2
 CYIENT INC

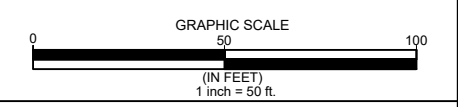
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DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

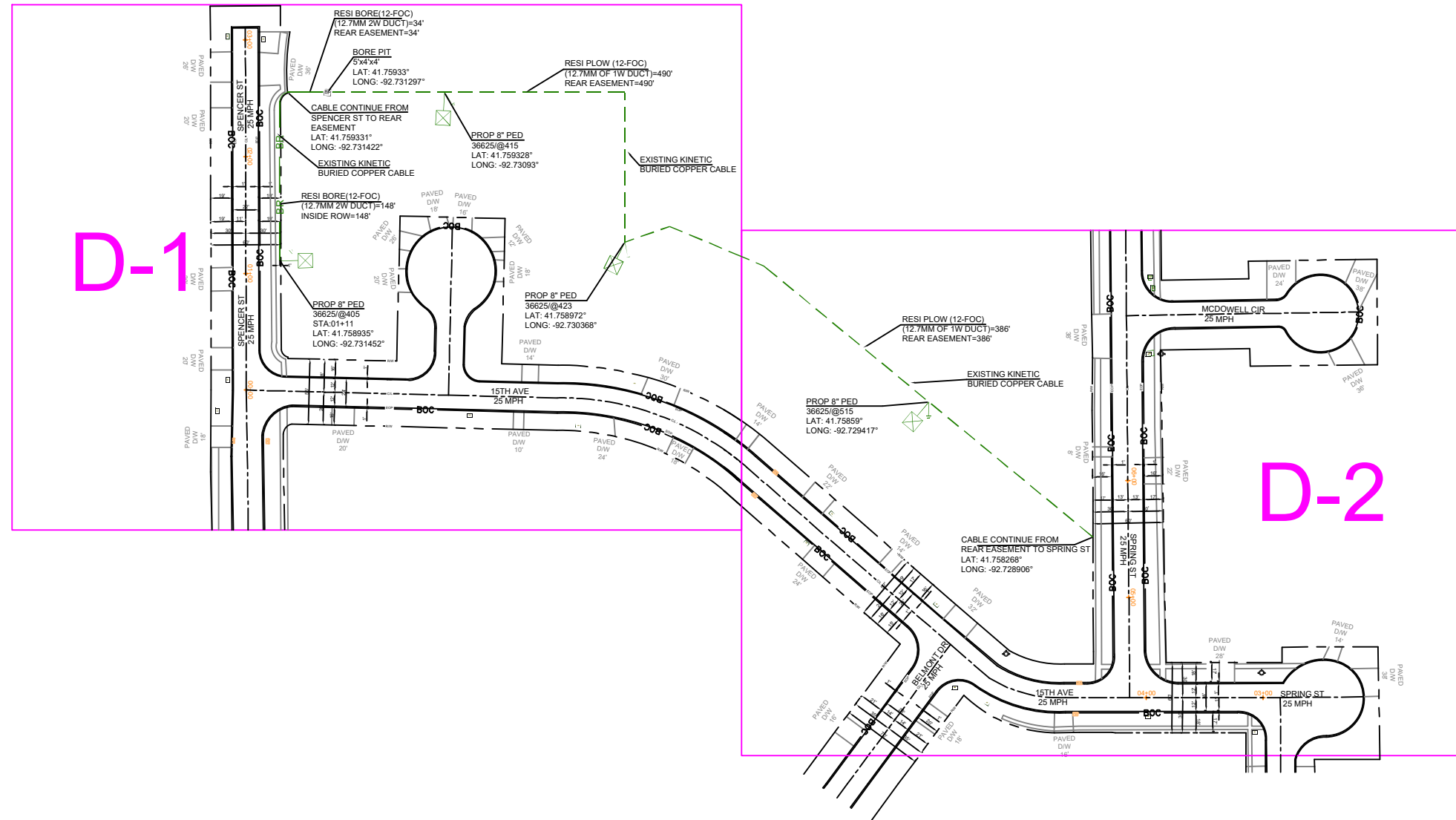
PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

MAP: KEYMAP-3

CYIENT INC

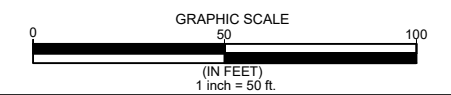
SPENCER ST



DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362196

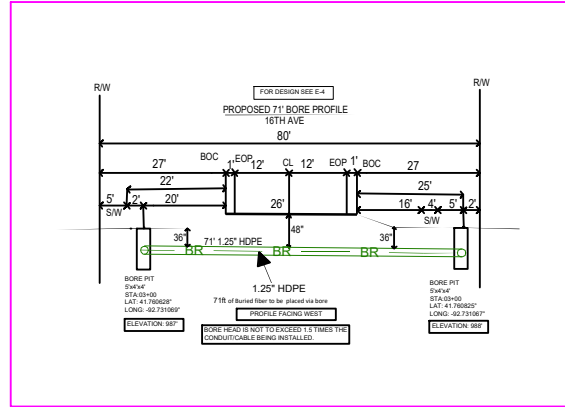
DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

MAP: KEYMAP-4

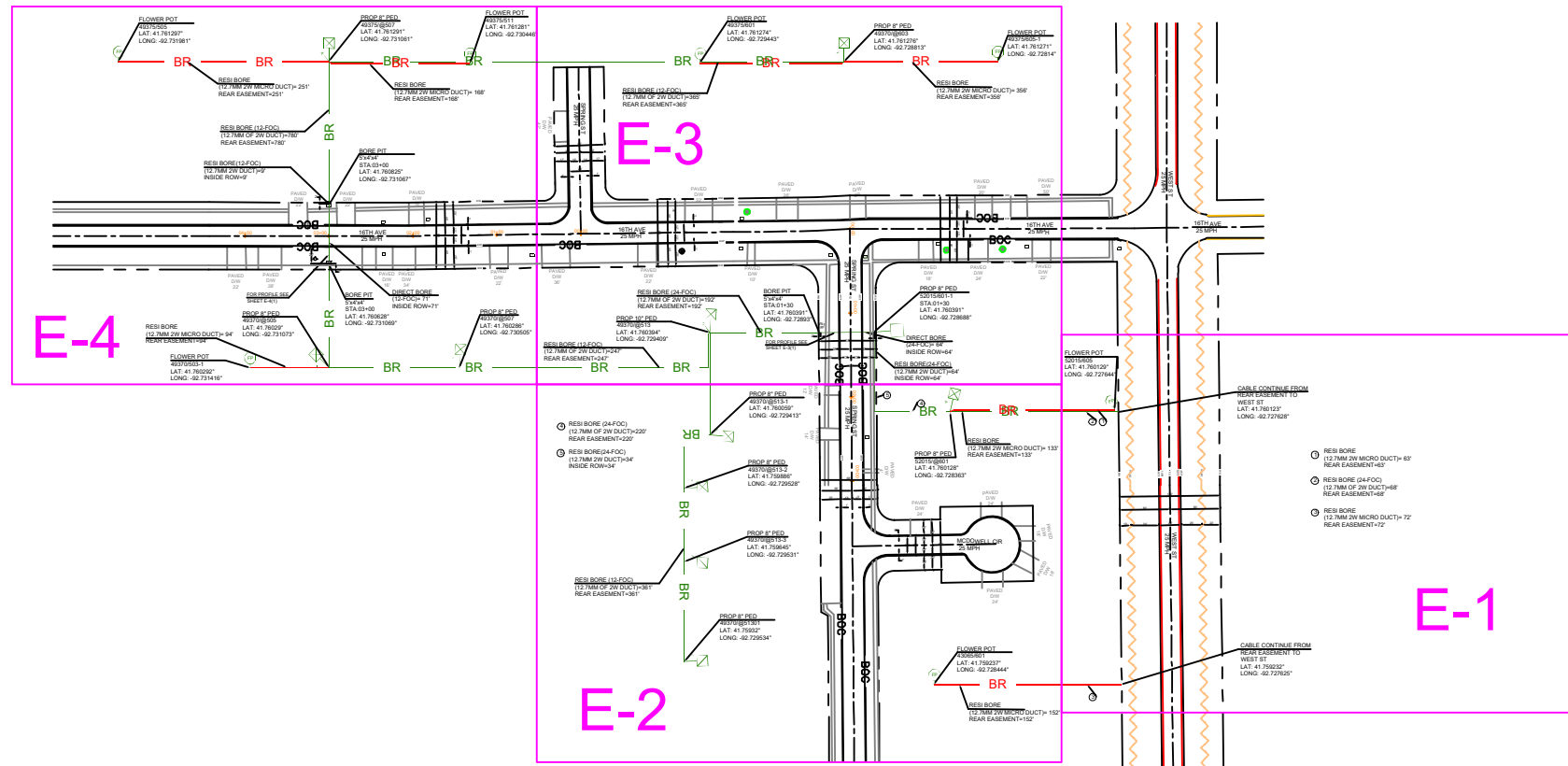
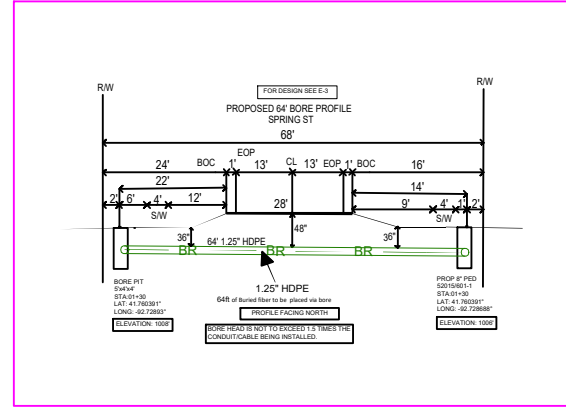
CYIENT INC

16TH AVE

E-4(1)



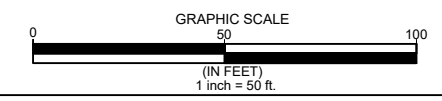
E-3(1)



DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

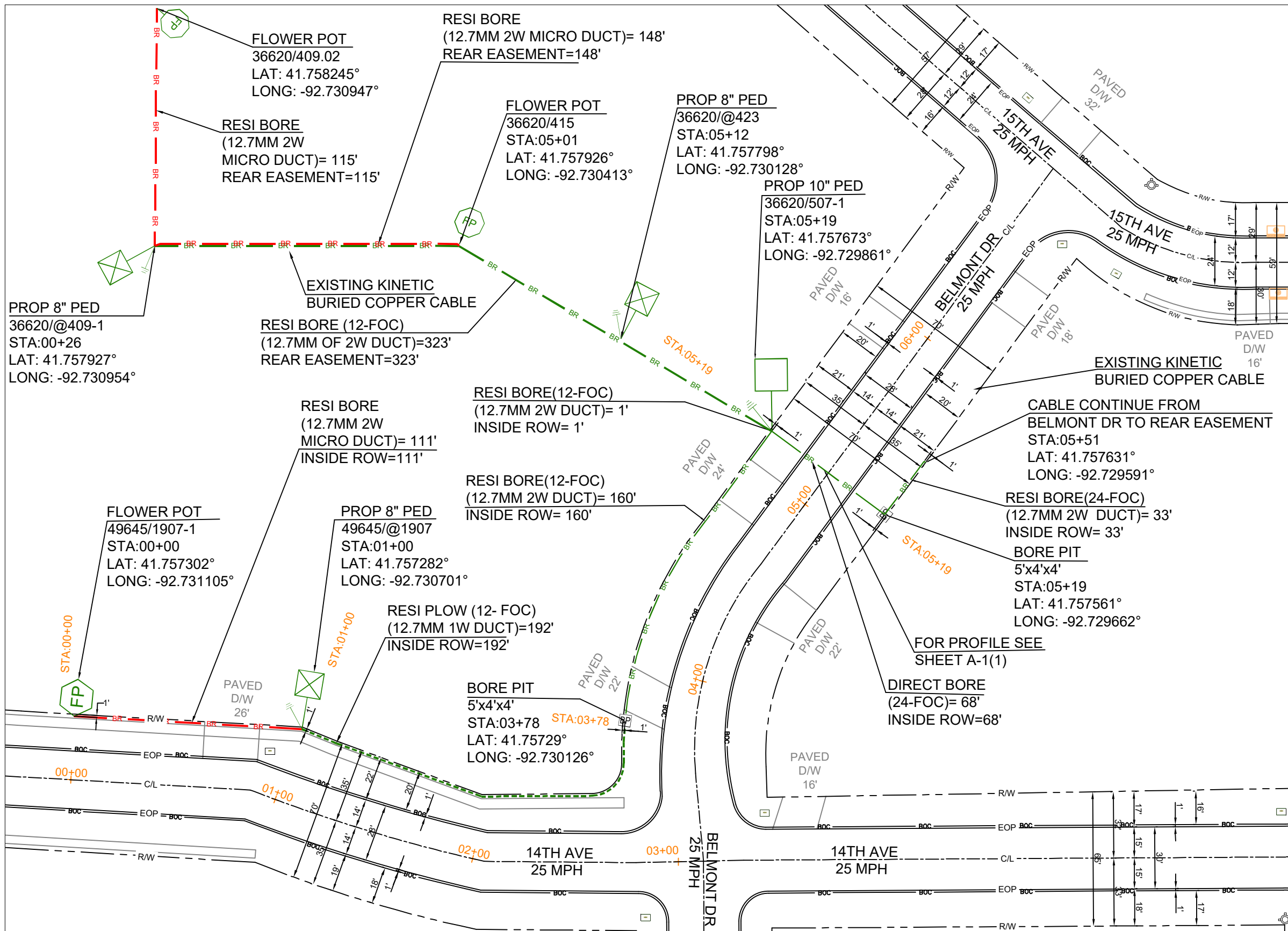
SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

MAP: KEYMAP-5

CYIENT INC



⚠️ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

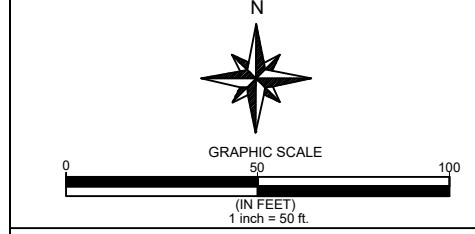
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	68' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	192' L.F
RESI BORE	891' L.F
TOTAL	1,151' L.F

STRUCTURE DETAILS	
FLOWER POTS	3 E.A
8" PED	3 E.A
10" PED	1 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

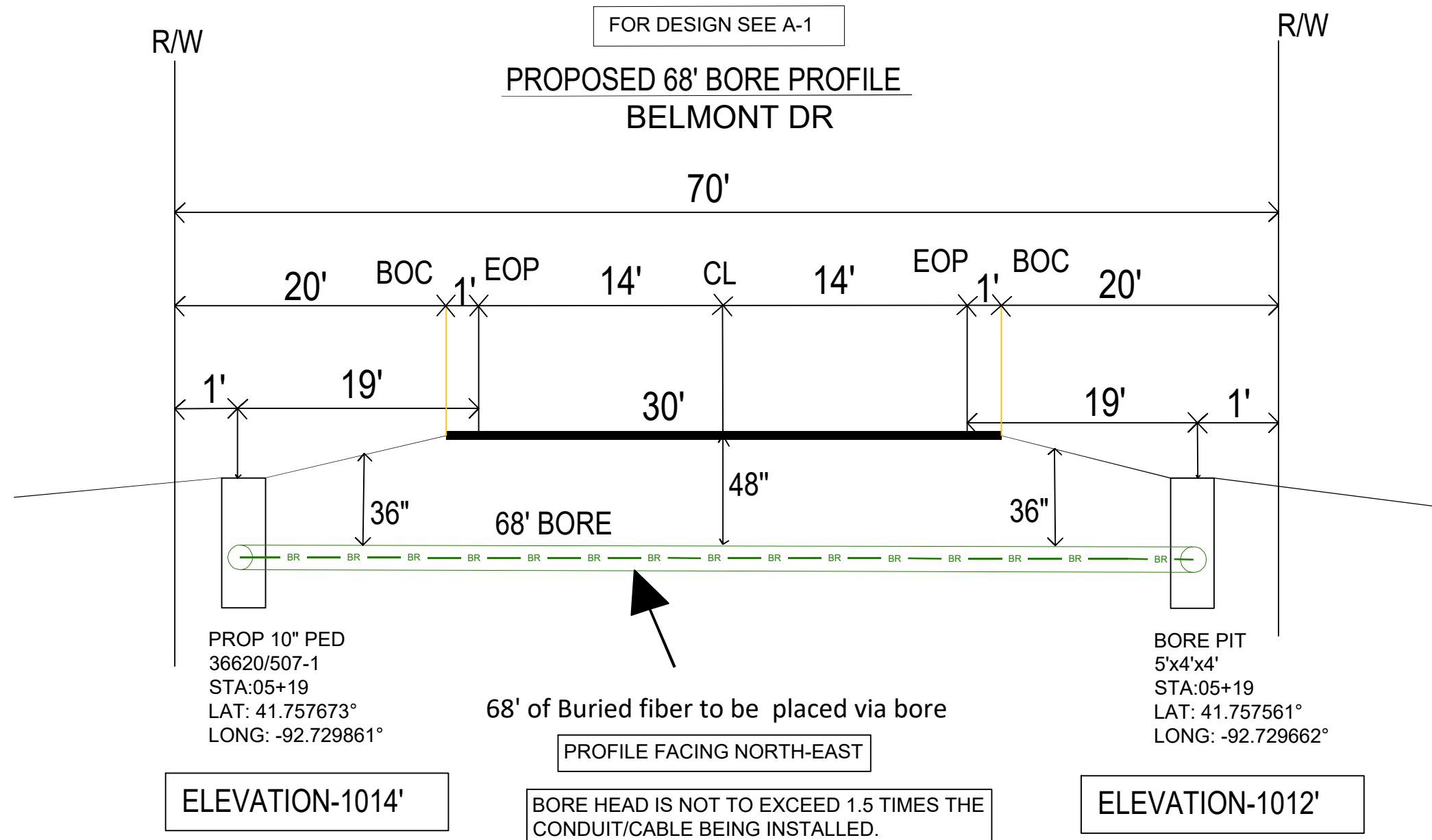
DATE CREATED: 04/28/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL IA
 PROJECT NUMBER: 713362196
 DESCRIPTION: SEFH6573
 COA23_SERVING_AREA

SHEET: **A-1**

CYIENT INC



FOR DESIGN SEE A-1

**PROPOSED 68' BORE PROFILE
BELMONT DR**

R/W

R/W

70'

20'

BOC

1'

EOP

14'

CL

14'

EOP

1'

BOC

20'

1'

19'

30'

19'

1'

36"

68' BORE

48"

36"

PROP 10" PED
36620/507-1
STA:05+19
LAT: 41.757673°
LONG: -92.729861°

BORE PIT
5'x4'x4'
STA:05+19
LAT: 41.757561°
LONG: -92.729662°

68' of Buried fiber to be placed via bore

PROFILE FACING NORTH-EAST

ELEVATION-1014'

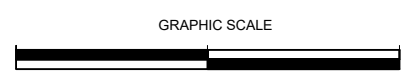
BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE
CONDUIT/CABLE BEING INSTALLED.

ELEVATION-1012'

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

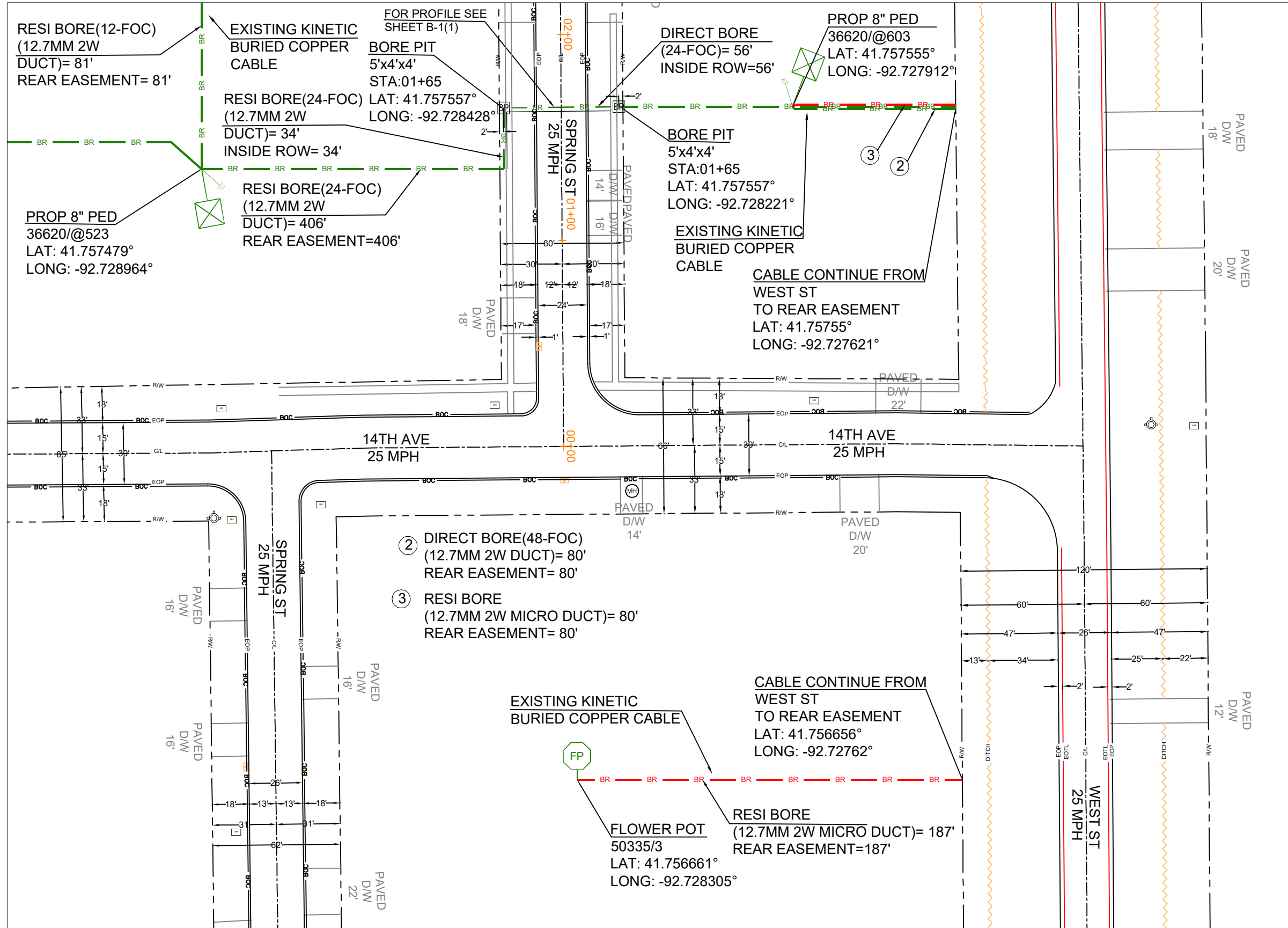
PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **B-1(1)**

CYIENT INC

B-2 (STA: 01+99)



DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	136' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	788' L.F
TOTAL	924' L.F

STRUCTURE DETAILS

FLOWER POTS	1 E.A
8" PED	2 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

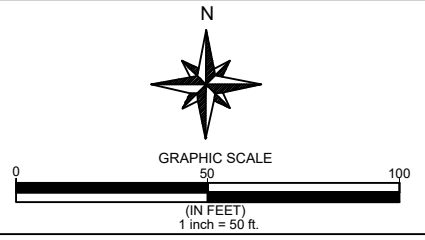
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

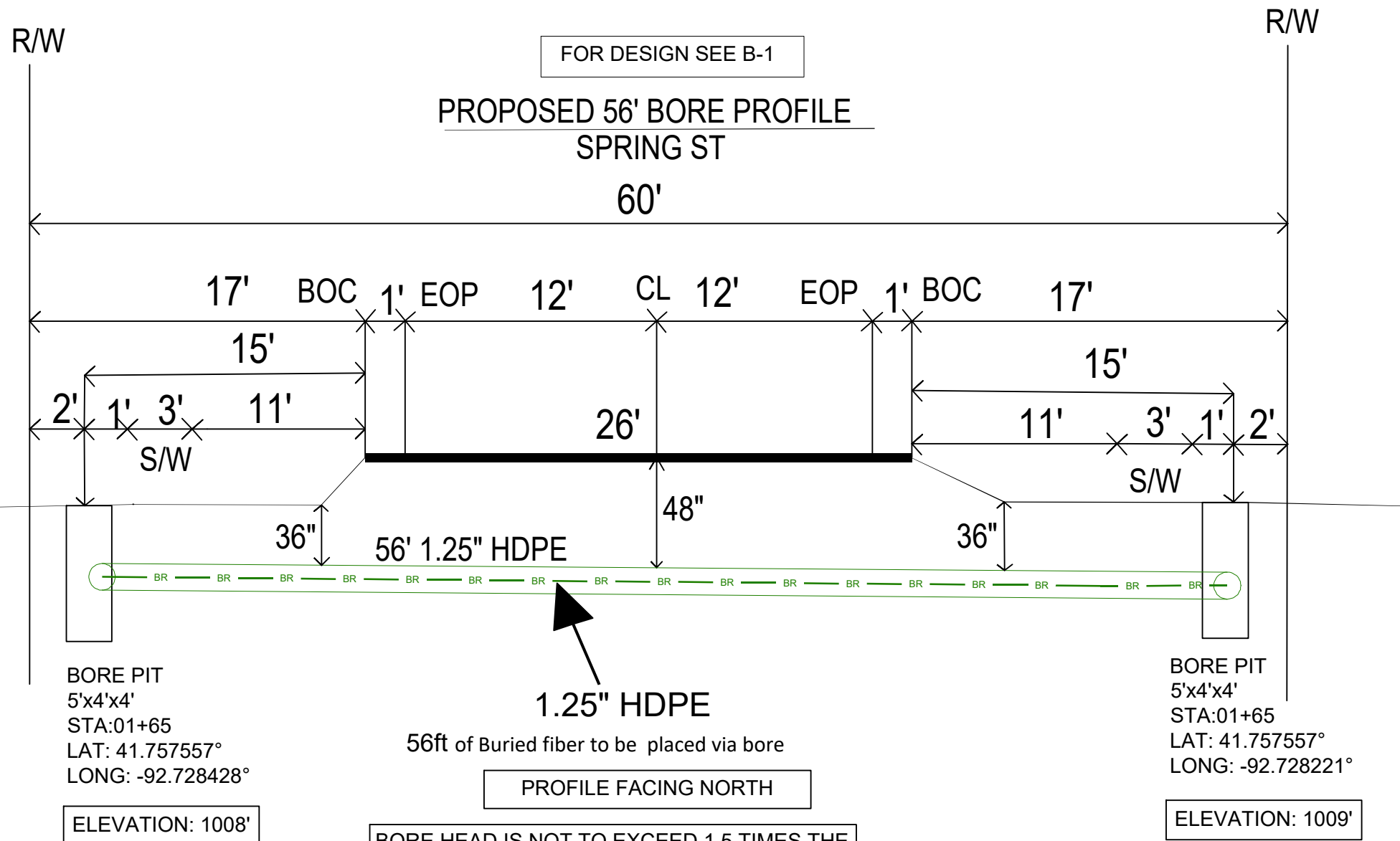
PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: B-1

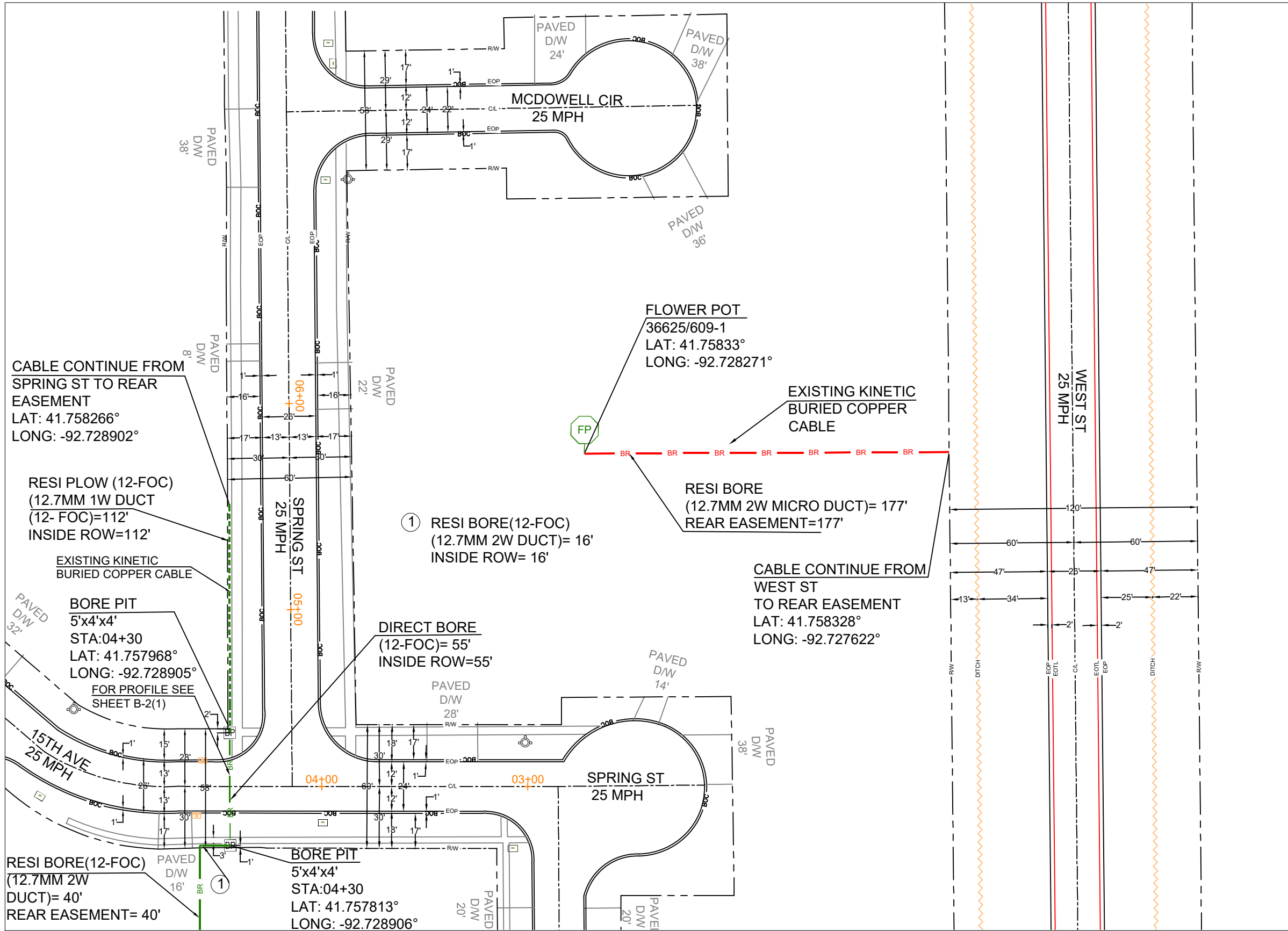
CYIENT INC

B-3 (STA: 03+45)



BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE CONDUIT/CABLE BEING INSTALLED.

DATE CREATED:	04/28/2026
DATE REVISED:	
DRAWN BY:	CYIENT INC
GRAPHIC SCALE	
COMPANY:	KINETIC
SYSTEM:	GRINNELL_IA
PROJECT NUMBER:	713362196
DESCRIPTION:	SEFH6573 COA23_SERVING_AREA
SHEET:	B-1(1)
CYIENT INC	



⚠ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	55' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	112' L.F
RESI BORE	233' L.F
TOTAL	400' L.F

STRUCTURE DETAILS

FLOWER POTS	0 E.A
8" PED	0 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

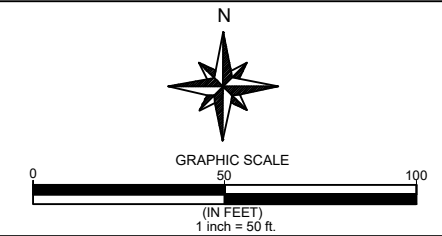
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

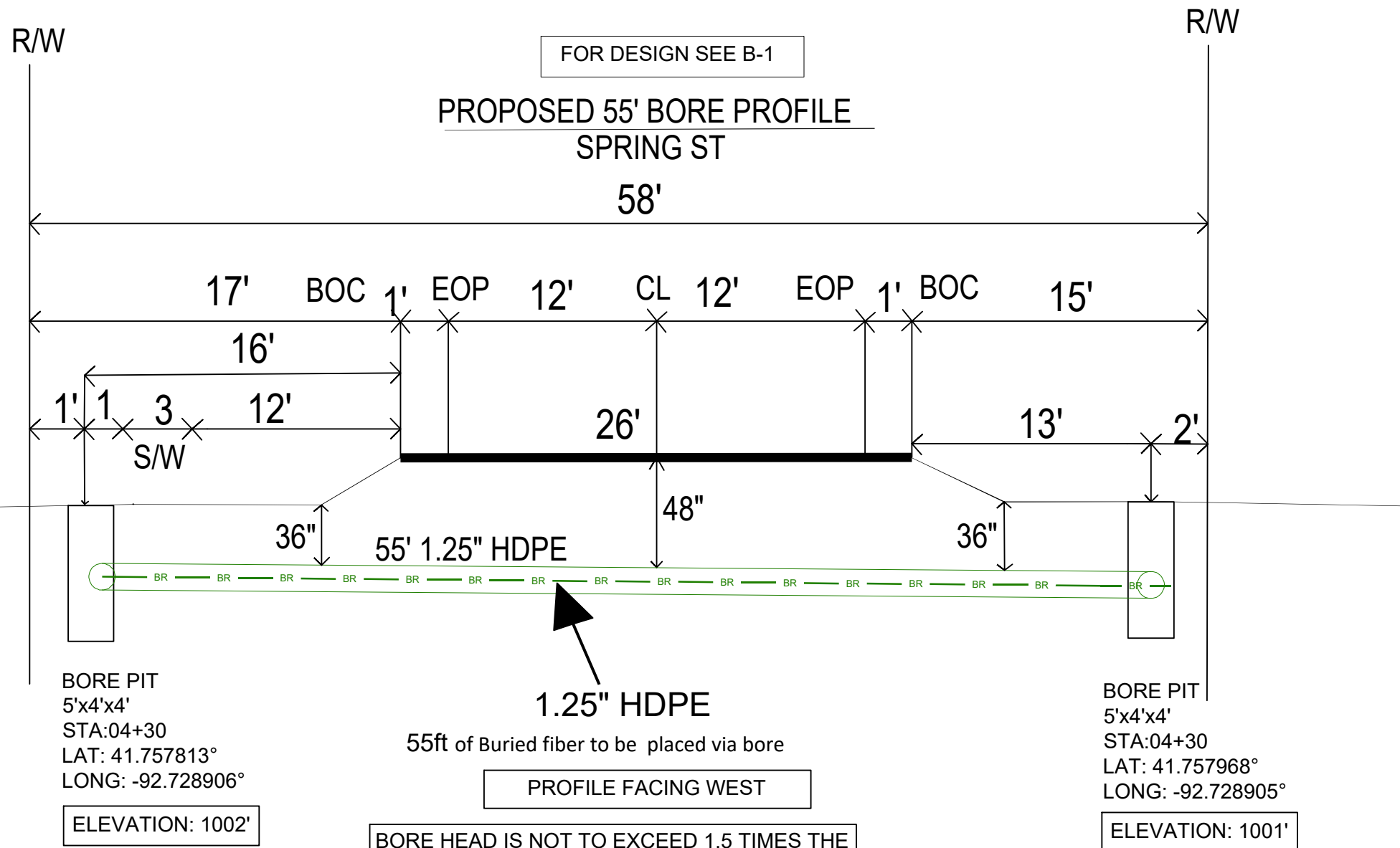
PROJECT NUMBER: 713362196

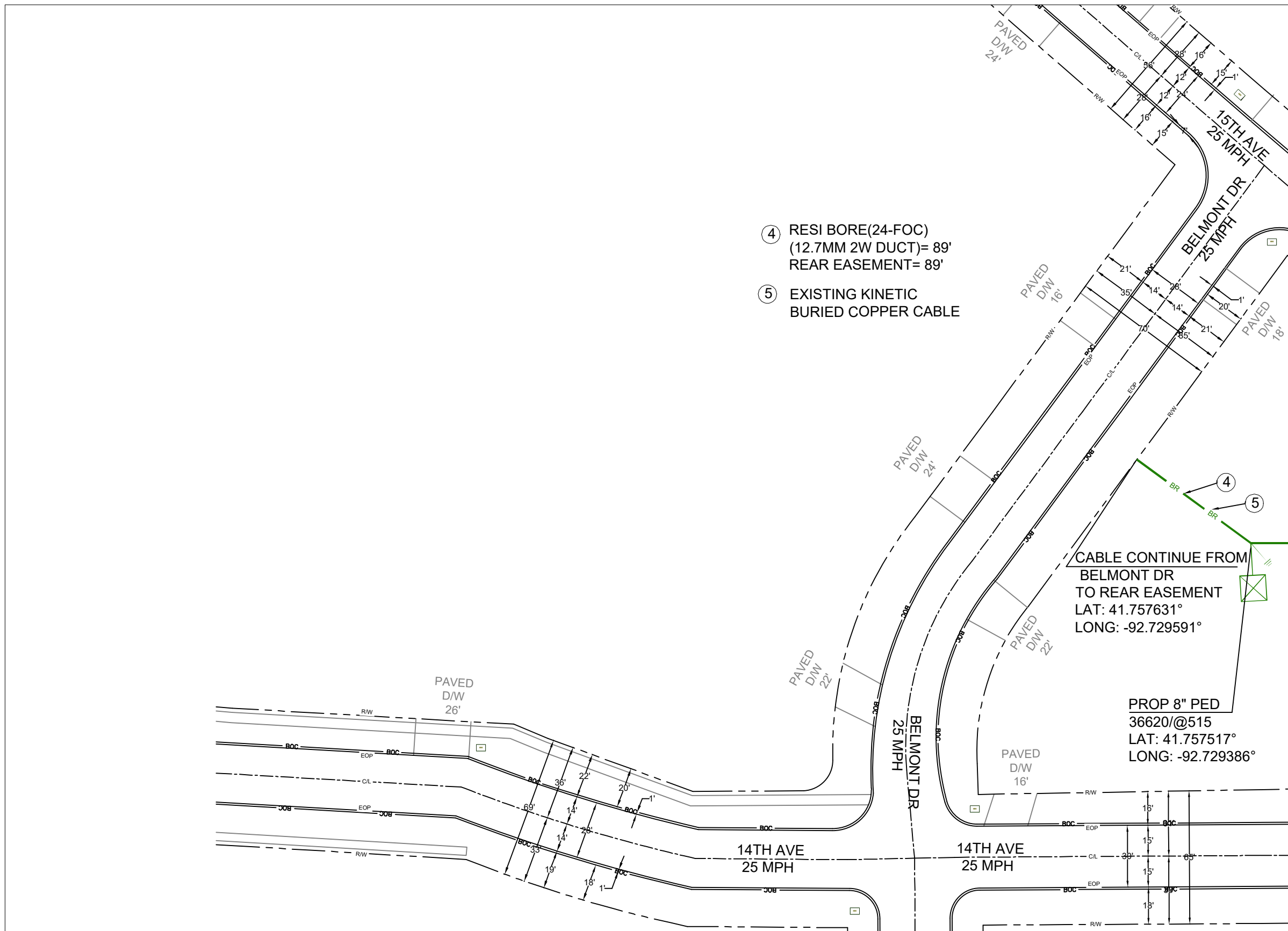
DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **B-2**

CYIENT INC

B-1 (STA: 01+99)





- ④ RESI BORE(24-FOC)
(12.7MM 2W DUCT)= 89'
REAR EASEMENT= 89'
- ⑤ EXISTING KINETIC
BURIED COPPER CABLE

CABLE CONTINUE FROM
BELMONT DR
TO REAR EASEMENT
LAT: 41.757631°
LONG: -92.729591°

PROP 8" PED
36620/@515
LAT: 41.757517°
LONG: -92.729386°

B-2 (STA: 03+45)

DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

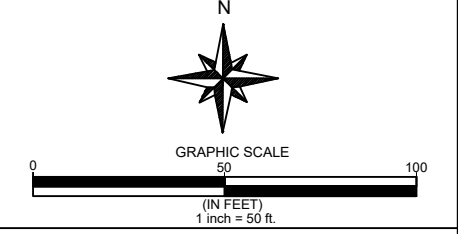
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	89' L.F
TOTAL	89' L.F

STRUCTURE DETAILS	
FLOWER POTS	0 E.A
8" PED	1 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026
DATE REVISED:
DRAWN BY: CYIENT INC

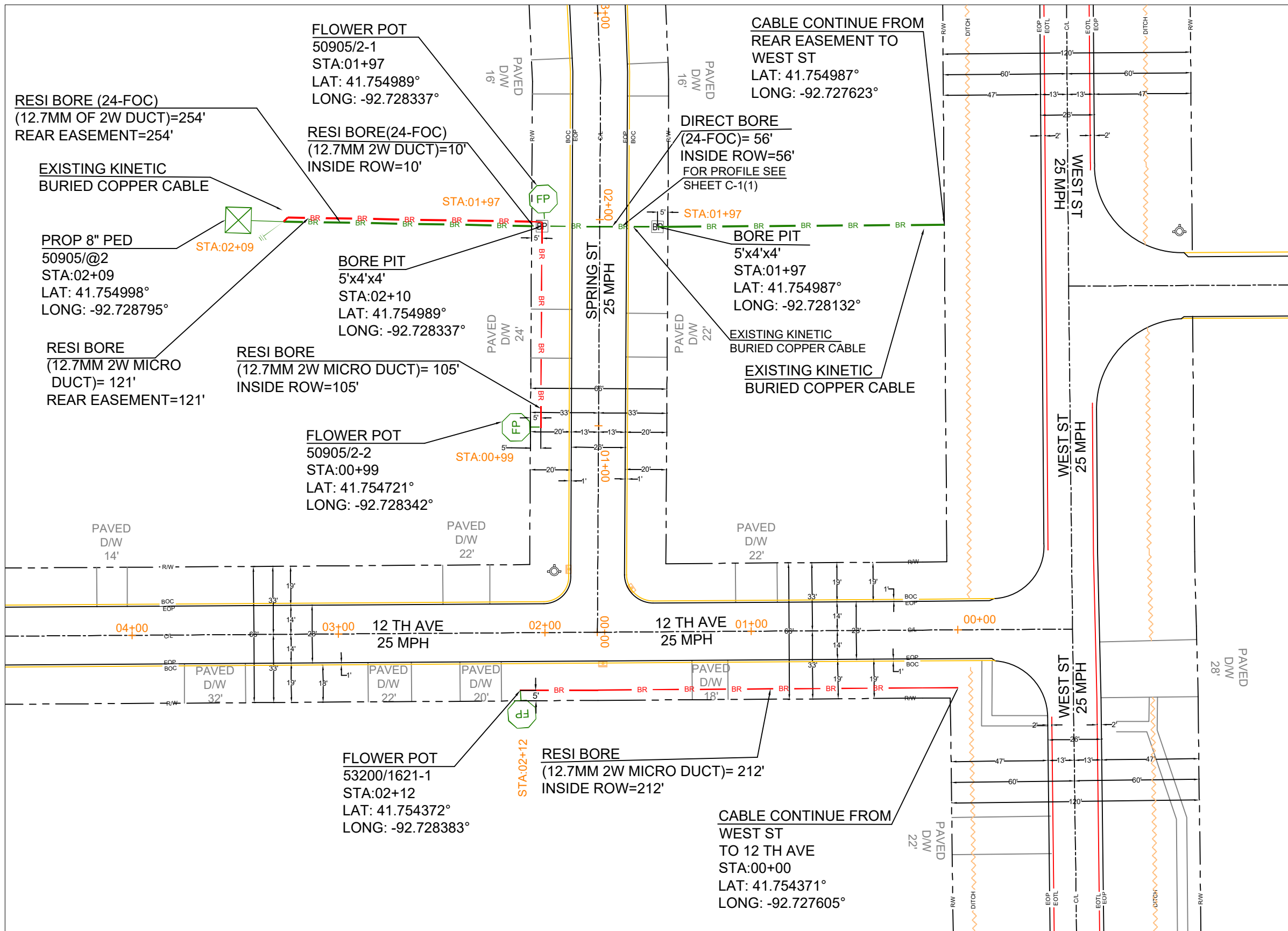


COMPANY: KINETIC
SYSTEM: GRINNELL IA
PROJECT NUMBER: 713362196
DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **B-3**

CYIENT INC

C-2 (STA: 02+89)



⚠️ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	56' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	702' L.F
TOTAL	758' L.F

STRUCTURE DETAILS

FLOWER POTS	3 E.A
8" PED	1 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

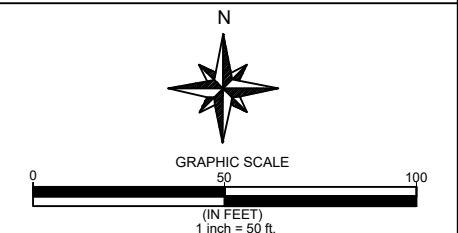
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

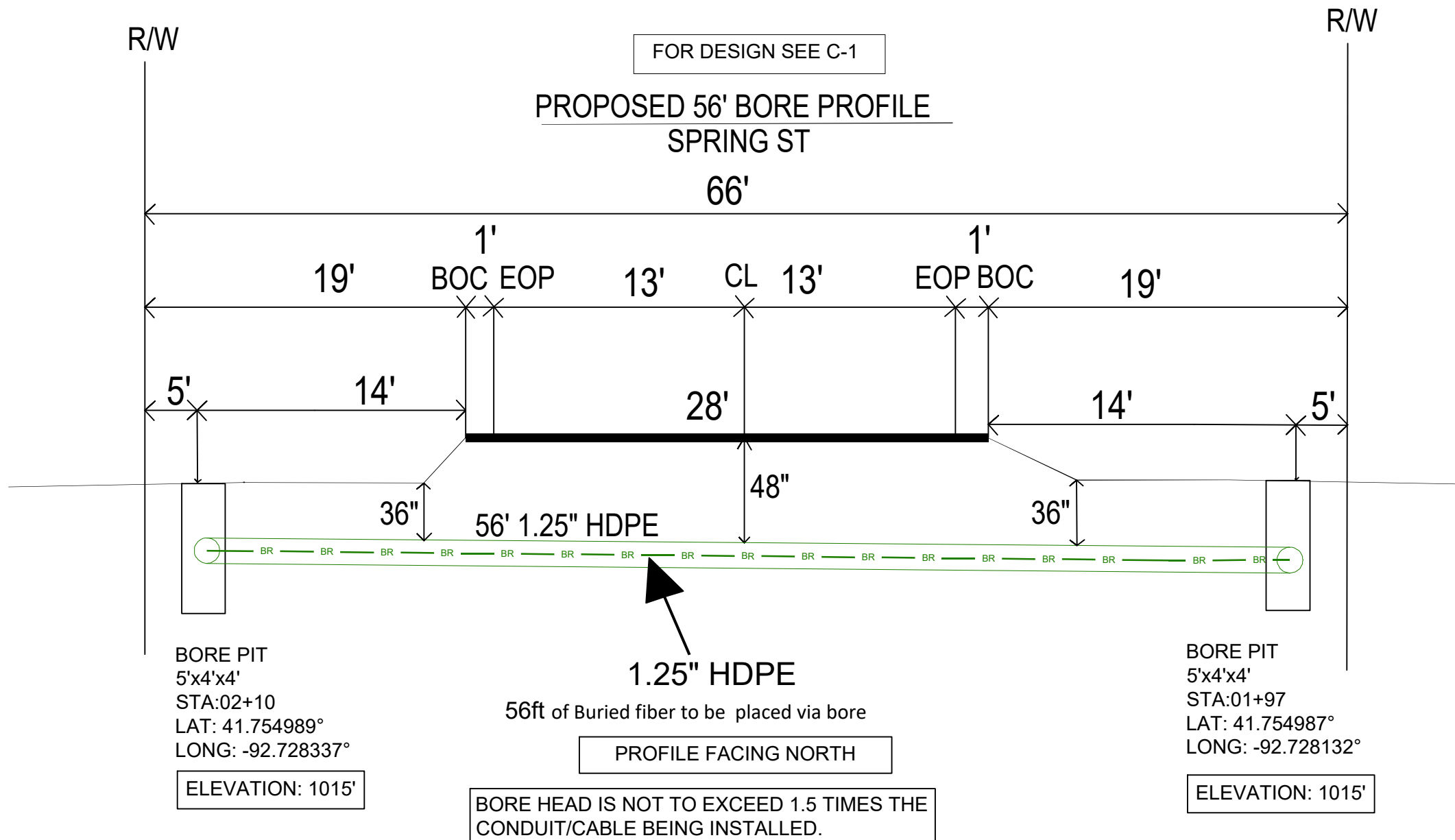
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362196

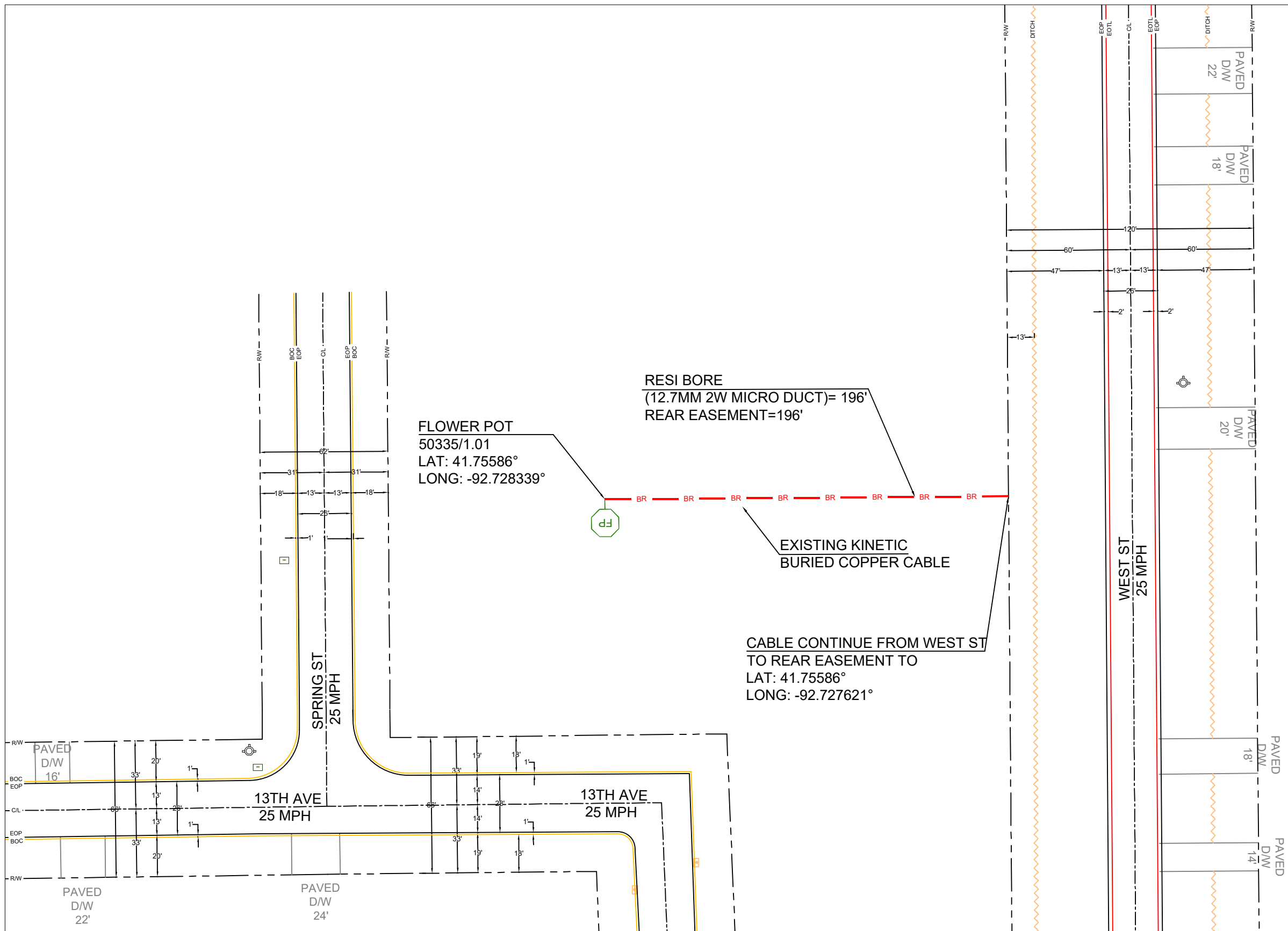
DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **C-1**

CYIENT INC



DATE CREATED:	04/28/2026
DATE REVISED:	
DRAWN BY:	CYIENT INC
GRAPHIC SCALE 	
COMPANY:	KINETIC
SYSTEM:	GRINNELL_IA
PROJECT NUMBER:	713362196
DESCRIPTION:	SEFH6573 COA23_SERVING_AREA
SHEET:	C-1(1)
CYIENT INC	



C-1 (STA: 02+89)

⚠️ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	196' L.F
TOTAL	196' L.F

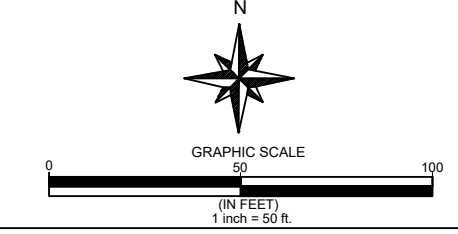
STRUCTURE DETAILS	
FLOWER POTS	1 E.A
8" PED	0 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

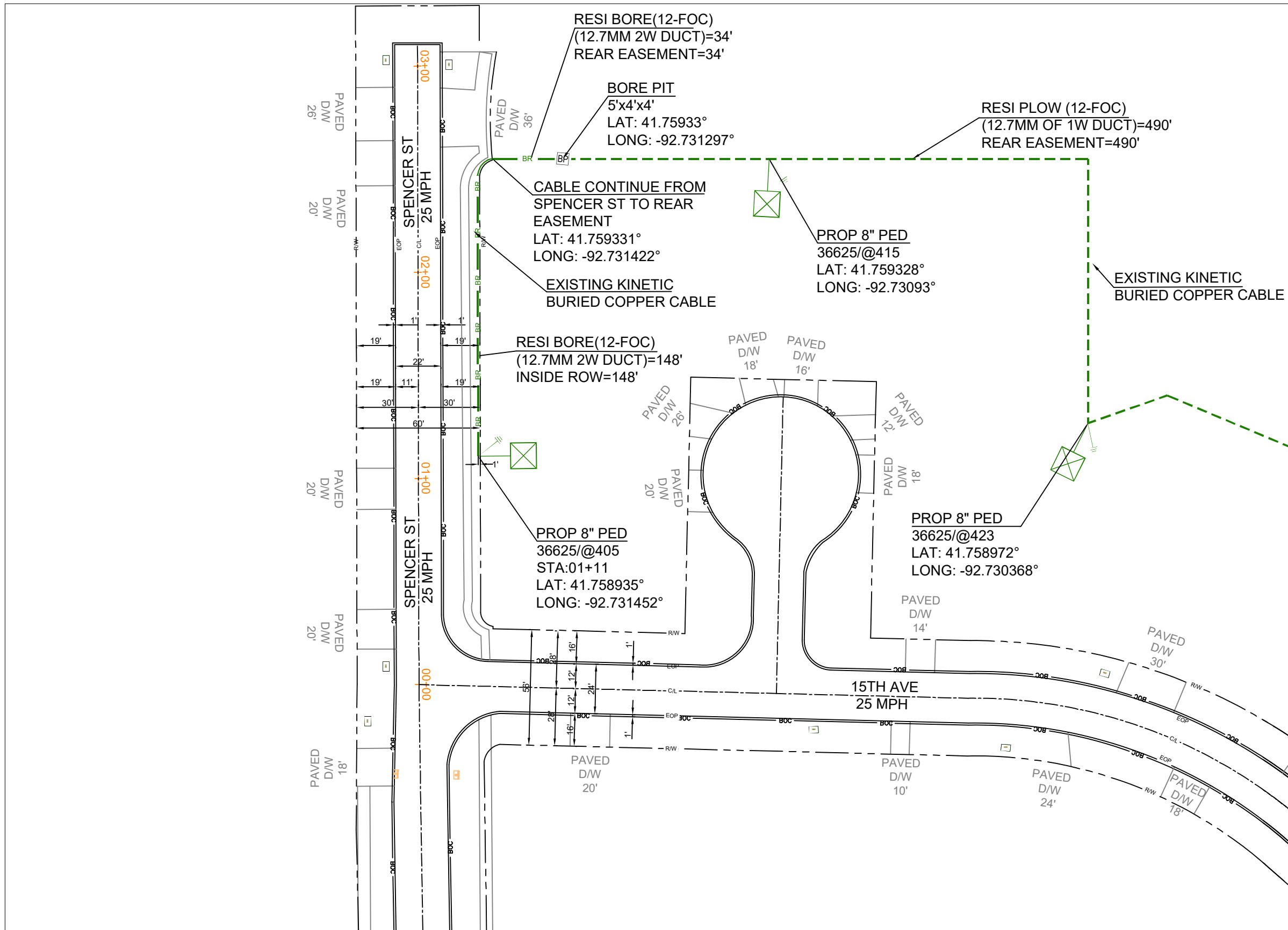
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **C-2**

CYIENT INC



D-2 (STA: 00+15)

⚠️ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

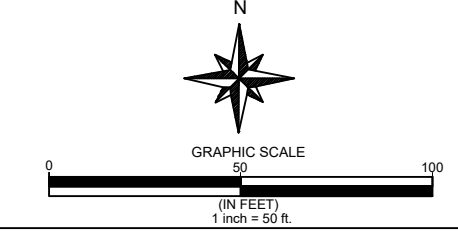
FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	490' L.F
RESI BORE	182' L.F
TOTAL	672' L.F

STRUCTURE DETAILS	
FLOWER POTS	0 E.A
8" PED	3 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

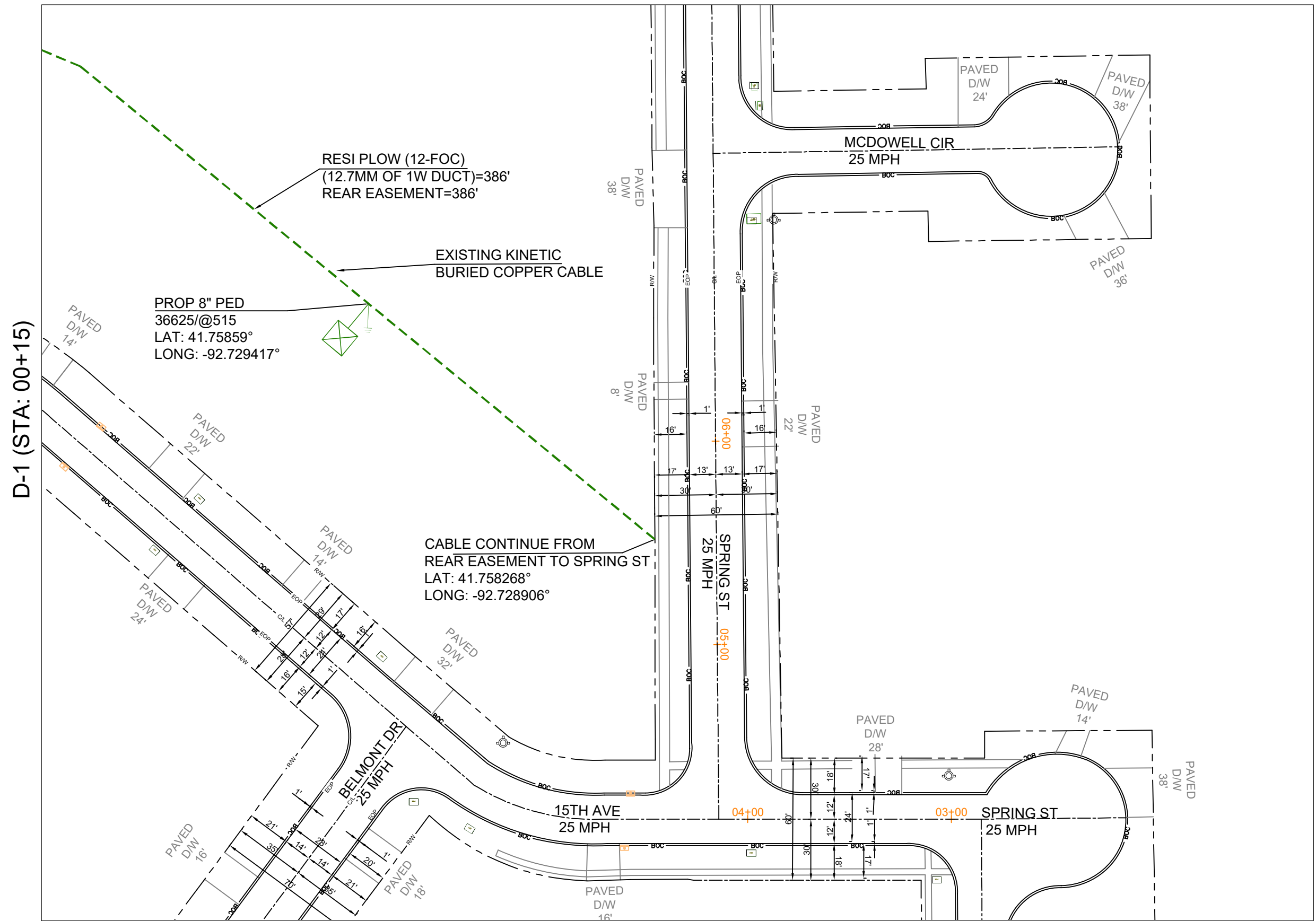
DATE CREATED: 04/28/2026
 DATE REVISED:
 DRAWN BY: CYIENT INC



COMPANY: KINETIC
 SYSTEM: GRINNELL IA
 PROJECT NUMBER: 713362196
 DESCRIPTION:
 SEFH6573
 COA23_SERVING_AREA

SHEET: **D-1**

CYIENT INC



⚠ DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	386' L.F
RESI BORE	0' L.F
TOTAL	386' L.F

STRUCTURE DETAILS

FLOWER POTS	0 E.A
8" PED	1 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

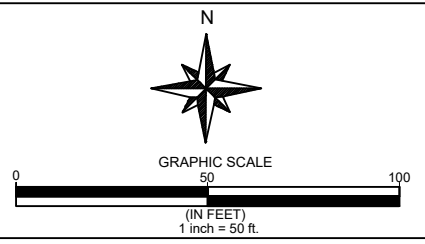
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL IA

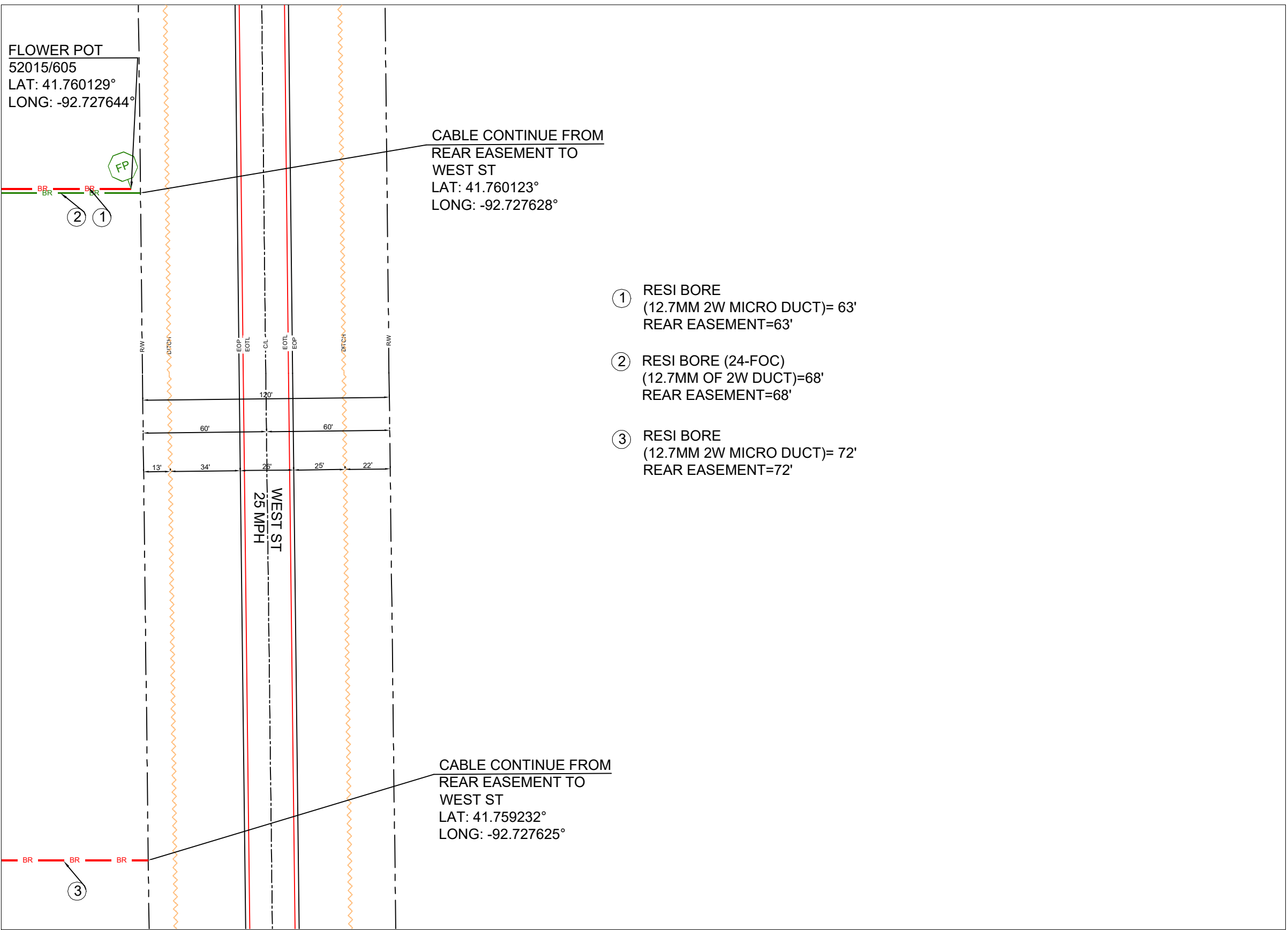
PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **D-2**

CYIENT INC

FLOWER POT
52015/605
LAT: 41.760129°
LONG: -92.727644°



CABLE CONTINUE FROM
REAR EASEMENT TO
WEST ST
LAT: 41.760123°
LONG: -92.727628°

CABLE CONTINUE FROM
REAR EASEMENT TO
WEST ST
LAT: 41.759232°
LONG: -92.727625°

- ① RESI BORE
(12.7MM 2W MICRO DUCT)= 63'
REAR EASEMENT=63'
- ② RESI BORE (24-FOC)
(12.7MM OF 2W DUCT)=68'
REAR EASEMENT=68'
- ③ RESI BORE
(12.7MM 2W MICRO DUCT)= 72'
REAR EASEMENT=72'

DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	203' L.F
TOTAL	203' L.F

STRUCTURE DETAILS	
FLOWER POTS	1 E.A
8" PED	0 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC

N

GRAPHIC SCALE
0 50 100
(IN FEET)
1 inch = 50 ft.

COMPANY: KINETIC

SYSTEM: GRINNELL IA

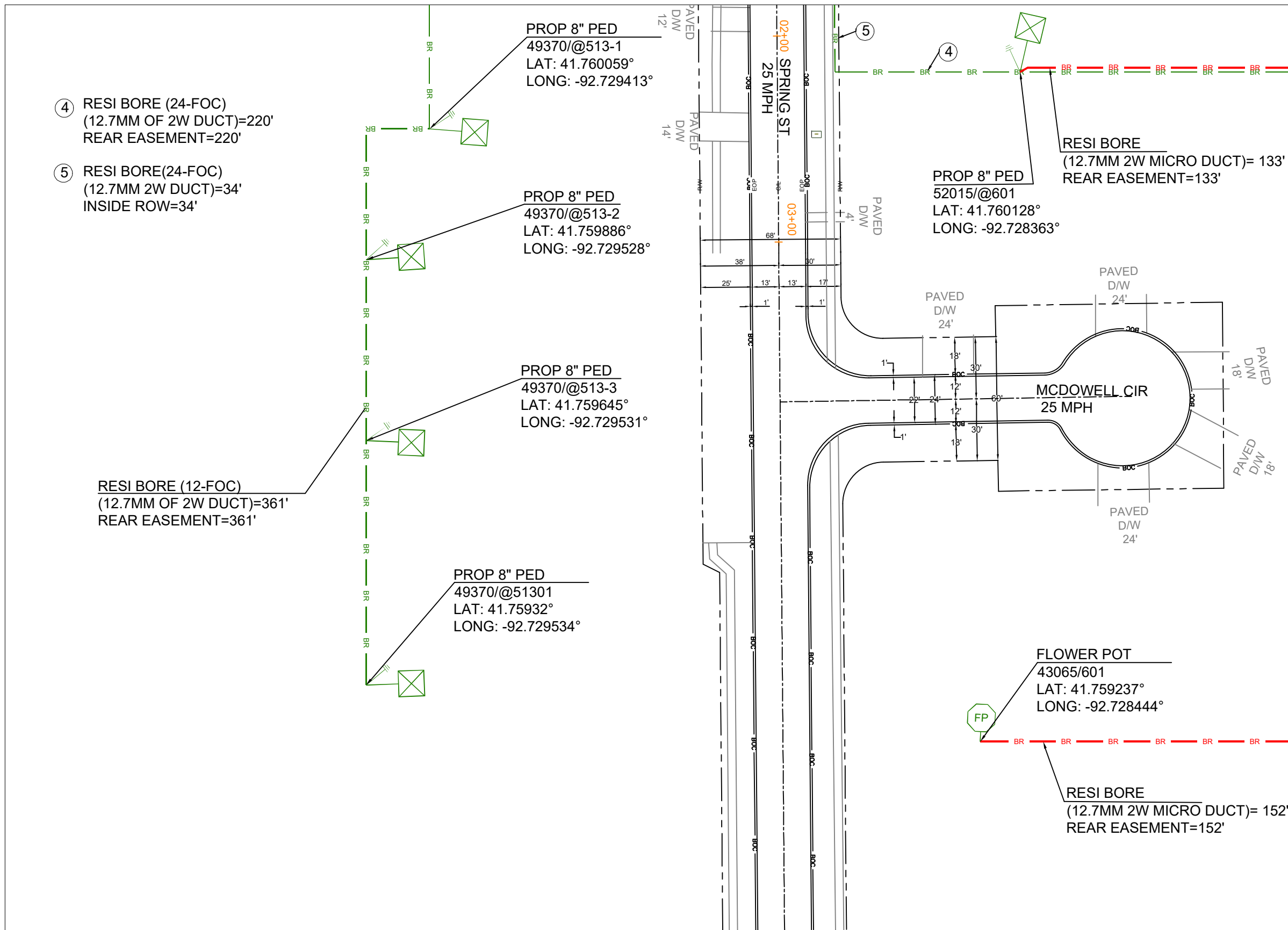
PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **E-1**

CYIENT INC

E-3 (STA: 07+55)



DIG ALERT: 811,KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	0' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	900' L.F
TOTAL	900' L.F

STRUCTURE DETAILS

FLOWER POTS	1 E.A
8" PED	5 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

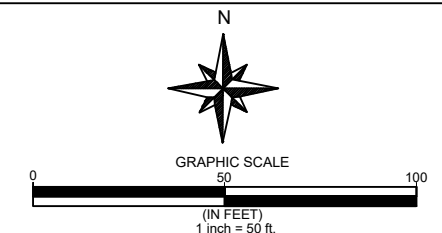
AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

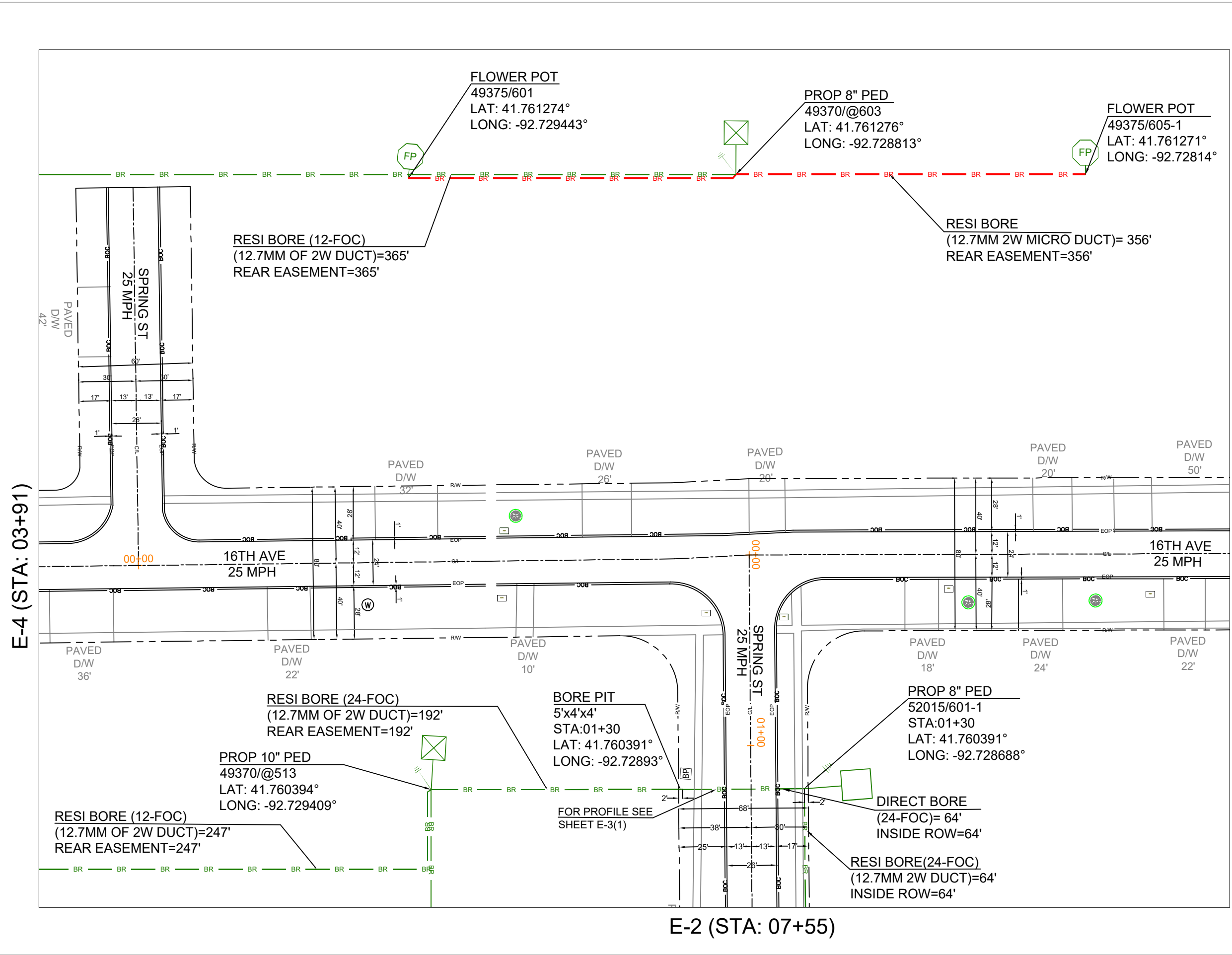
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **E-2**

CYIENT INC



⚠ DIG ALERT: 811.KNOW WHAT'S BELOW.PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS	
DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	64' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	1224' L.F
TOTAL	1288' L.F

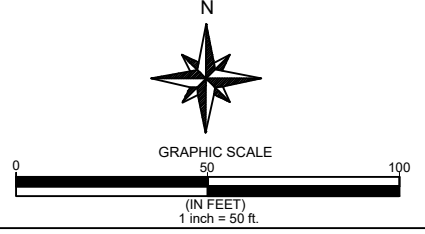
STRUCTURE DETAILS	
FLOWER POTS	2 E.A
8" PED	3 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS	
NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

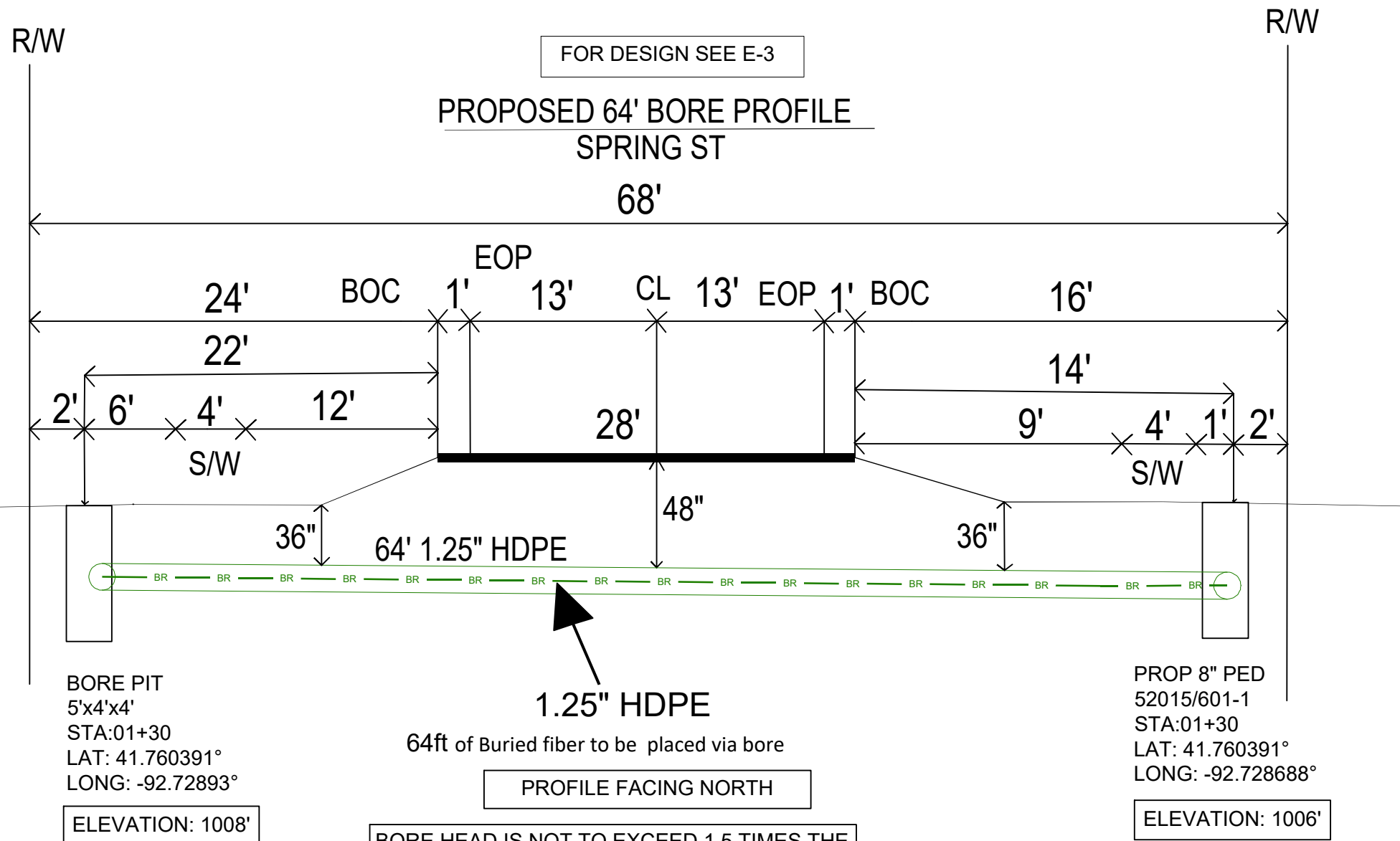
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **E-3**

CYIENT INC



FOR DESIGN SEE E-3

**PROPOSED 64' BORE PROFILE
SPRING ST**

68'

BORE PIT
5'x4'x4'
STA:01+30
LAT: 41.760391°
LONG: -92.72893°

ELEVATION: 1008'

1.25" HDPE

64ft of Buried fiber to be placed via bore

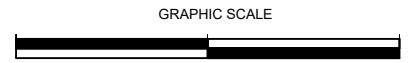
PROFILE FACING NORTH

BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE
CONDUIT/CABLE BEING INSTALLED.

PROP 8" PED
52015/601-1
STA:01+30
LAT: 41.760391°
LONG: -92.728688°

ELEVATION: 1006'

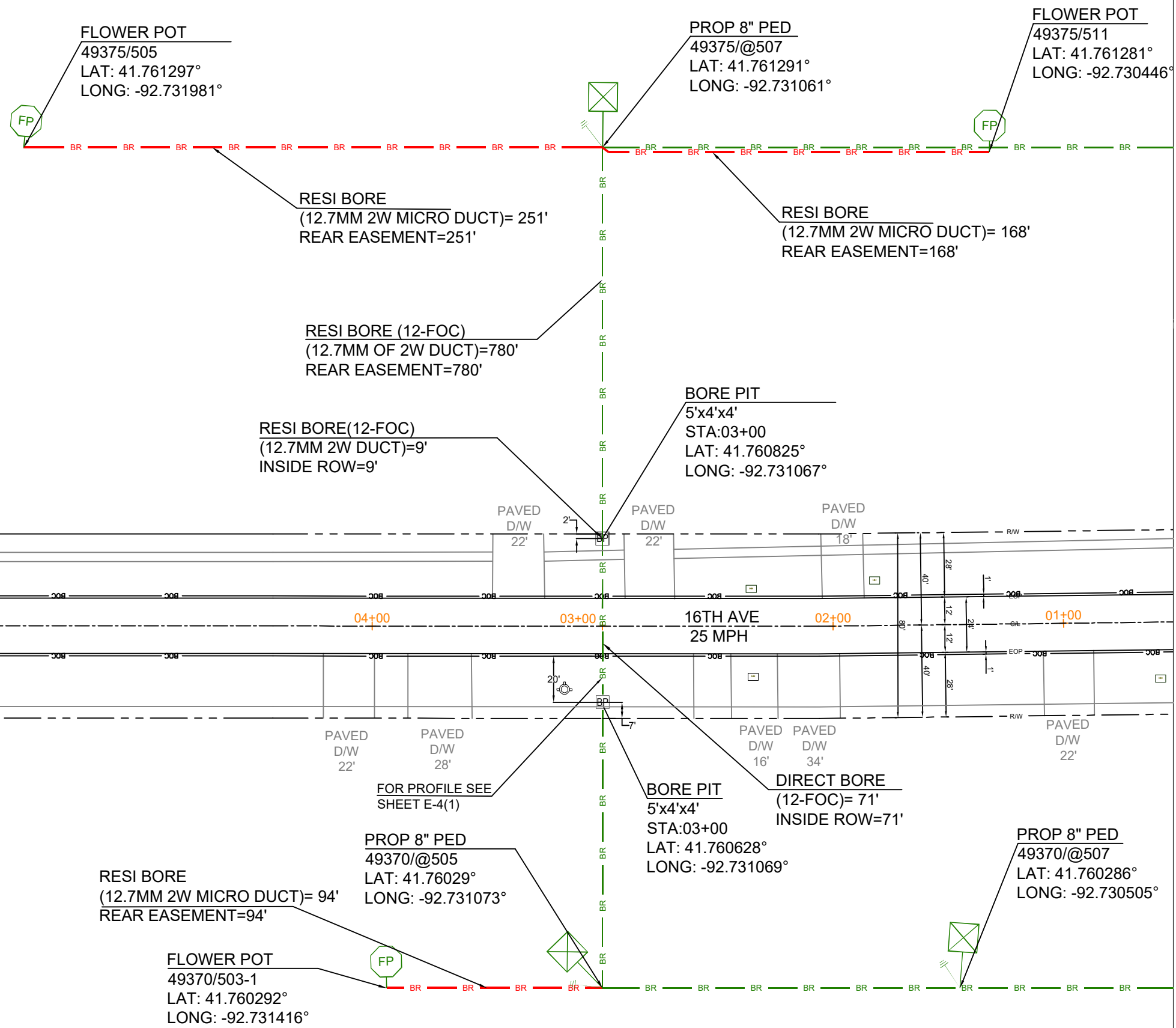
DATE CREATED: 04/28/2026
DATE REVISED:
DRAWN BY: CYIENT INC



COMPANY: KINETIC
SYSTEM: GRINNELL_IA
PROJECT NUMBER: 713362196
DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **E-3(1)**

CYIENT INC



E-3 (STA: 03+91)

DIG ALERT: 811.KNOW WHAT'S BELOW,PLEASE CALL BEFORE YOU DIG

FOR THE PURPOSE OF PROVIDING FIBER OPTIC CABLE FOR INTERNET ACCESS

UG FOOTAGE DETAILS

DESCRIPTION	FOOTAGE
BORE IN 1.25" CONDUIT	71' L.F
TRENCH/DIRECT BURY	0' L.F
RESI PLOW	0' L.F
RESI BORE	1302 L.F
TOTAL	1373' L.F

STRUCTURE DETAILS

FLOWER POTS	3 E.A
8" PED	3 E.A
10" PED	0 E.A
AERIAL TERMINAL	0 E.A

AERIAL FOOTAGE DETAILS

NEW 10M STRAND	0' L.F
ELASHING	0' L.F
NO LASHING	0' L.F
TOTAL	0' L.F

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC

N

GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

COMPANY: KINETIC

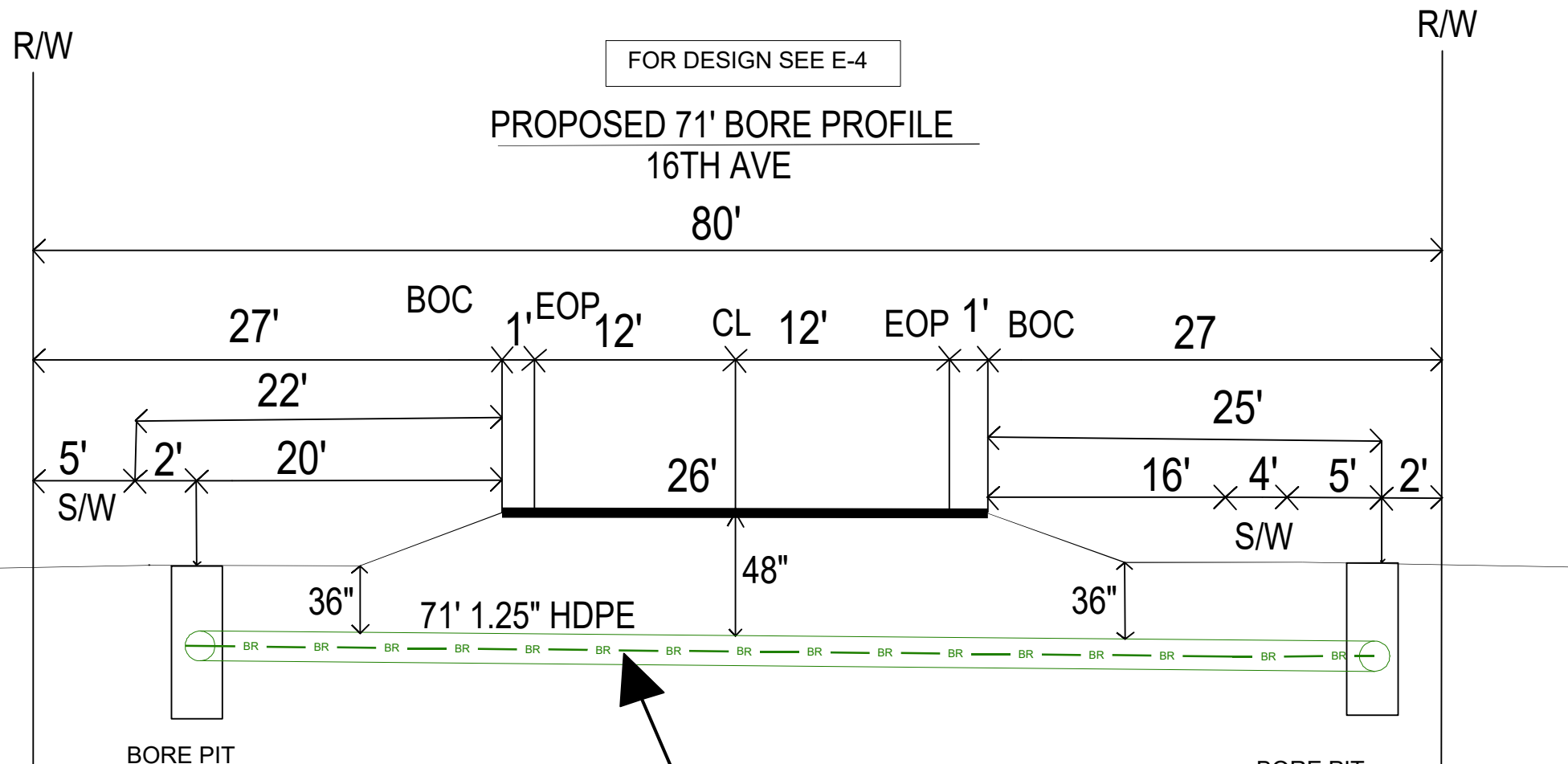
SYSTEM: GRINNELL IA

PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **E-4**

CYIENT INC



FOR DESIGN SEE E-4

**PROPOSED 71' BORE PROFILE
16TH AVE**

80'

BORE PIT
5'x4'x4'
STA:03+00
LAT: 41.760628°
LONG: -92.731069°
ELEVATION: 987'

1.25" HDPE

71ft of Buried fiber to be placed via bore

PROFILE FACING WEST

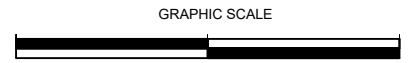
BORE HEAD IS NOT TO EXCEED 1.5 TIMES THE
CONDUIT/CABLE BEING INSTALLED.

BORE PIT
5'x4'x4'
STA:03+00
LAT: 41.760825°
LONG: -92.731067°
ELEVATION: 988'

DATE CREATED: 04/28/2026

DATE REVISED:

DRAWN BY: CYIENT INC



COMPANY: KINETIC

SYSTEM: GRINNELL_IA

PROJECT NUMBER: 713362196

DESCRIPTION:
SEFH6573
COA23_SERVING_AREA

SHEET: **E-4(1)**

CYIENT INC



- Grinnell Corporate Limit
- Fire Hydrants
- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Storm Sewer Intakes
- Storm Sewer Manholes
- Storm Sewer Lines
- Water Mains

Date: 05/07/2026
 Created by the City of Grinnell
 Building and Planning Department



RESOLUTION NO. 2026-91

A RESOLUTION APPROVING CONTRACT CHANGE ORDER NO. 9 IN THE AMOUNT OF \$30,831.08 FOR A NET INCREASE TO THE CONTRACT WITH WRH, INC. FOR THE WATER TREATMENT PLANT PROJECT.

WHEREAS, the City of Grinnell did enter into a contract with WRH, Inc. on December 2, 2024, for the Water Treatment Plant Project; and

WHEREAS, WRH, Inc. has submitted Contract Change Order No. 9 for a net increase in the contract of \$30,831.08; and

WHEREAS, the Project Engineer has reviewed the change order and recommends approval of Contract Change Order No. 9; and


NOW, THEREFORE, BE IT RESOLVED, by the City Council of Grinnell, Iowa, in regular session this 15th day of June 2026 that the contract amount has increased by \$30,831.08 in accordance with Contract Change Order No. 9 is hereby approved as executed.

Passed and approved this 15th day of June 2026.

Sarah Smith, Mayor Pro-Tem

Attest:

Alyssa Devig, City Clerk/Finance Director

	<h2>CONTRACT CHANGE ORDER</h2>	Change Order Number:	009
		MEC Project Number:	2022000116-003
		Contract Date:	12/2/2024
For Contracted Project:	Grinnell, IA - Water System Improvements 2023 Water Treatment Plant	Date of Issuance:	6/5/2026
		Effective Date:	
		Original Contract Price:	\$ 18,990,000.00
Owner:	City of Grinnell, IA 520 4th Avenue, Grinnell, IA 50112	Current Contract Price:	\$ 19,422,888.27
Contractor:	WRH, Inc. 1648 T Avenue, South Amana, IA 52334	Current Contingency Allowance:	\$ -
		Current Substantial Completion Date:	5/4/2027

You are hereby requested to comply with the following changes below from the original contracted plans and specifications.

Description of Changes	ADJUSTMENT to Substantial Completion Date	DECREASE in Contract Price	INCREASE in Contract Price
1. CAR-23R2 - Field Order #4, Standby Power Generator Foundation Changes	26	\$ -	\$ 30,831.08
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
	-	\$ -	\$ -
Totals:	26	\$ -	\$ 30,831.08
Updated Substantial Completion Date:	5/30/2027		
Net Change to Contract Price:		\$	30,831.08
Updated Contract Price:		\$	19,453,719.35

Justification: See attached PCO Breakdown.

The Amount of the Contingency Allowance will be UNCHANGED by the Sum of:	N/A
<i>Zero and 00/100 Dollars</i>	
The Total Remaining Contingency Allowance including this and previous Change Orders will be:	N/A
<i>Zero and 00/100 Dollars</i>	
The Amount of the Contract will be INCREASED by the Sum of:	\$30,831.08
<i>Thirty Thousand, Eight Hundred Thirty-one and 08/100 Dollars</i>	
The Total Contract Price including this and previous Change Orders will be:	\$19,453,719.35
<i>Nineteen Million, Four Hundred Fifty-three Thousand, Seven Hundred Nineteen and 35/100 Dollars</i>	
The Contract Period provided for Substantial Completion will be INCREASED to:	5/30/2027

This Document will become a Supplement to the Contract dated 12/02/2024, and all Provisions will apply hereto.

Requested By:	Contractor: WRH, Inc.	Date
Recommended By:	Engineer: McClure Engineering Co.	6/10/2026
Accepted By:	Owner: City of Grinnell, IA	6/15/2026
Approved by Funding Agency: (if applicable)		Date

This information will be used as a record of any changes to the Original Construction Contract.



Change Authorization Request

**BUILD TODAY FOR
A BETTER TOMORROW**

Project: Water System Improvement 2023 Water Treatment Plant Grinnell, Iowa

CAR No.: 23 Rev2

DATE: May 20, 2026

Job No.: 2402-001445

Reference: _____

Contract No.: FS-79-24-DWSRF-0006

A Change in the scope of work is indicated below and Owner's prompt approval or rejection of this authorization is requested so that the material may be purchased and to prevent any delay in field operations.

Reason for Change:

- Design Request
- Field Condition
- Owner Request
- Suggested by Contractor
- Other

1) Description of Change:

McClure sent over Field Order 4 to Wendler, requesting the replacement of 3.5 ft of total fill underneath the generator pad at WTP/ Well 9 and concrete electrical equipment pads at Well 9 with CLSM per SUDAS 3010 Part 2.06. The original schedule for this work to commence was on 5/6/26. Please Advise

2) It is requested that the completion date be:

extended / reduced by 26 calendar days

3) Basis of Payment:

- a) Firm price for performing this change along with attached supporting details is increased by / decreased by \$ 30,831.08
- b) Unit Price _____
- c) Change to be performed per unit prices in Contract \$ -
- d) The time required to prepare and agree upon a detailed estimate prior to proceeding with the change would unduly delay job progress. The following is an approximate estimate to assist Owner in determining whether or not change should be made. If notified to proceed, a detailed estimate in the form agreed upon, with supporting details, will be submitted after receipt of said notice.

Approximate Estimate is: \$ _____

FOR OWNER'S USE

CHANGE WILL NOT BE MADE

PROCEED ON THE FOLLOWING BASIS:

- Firm Price Time and Material
- Estimate of Price Change in Completion Date
- Unit Price in Contract No Change

Comments: _____

WENDLER **Submitted** 5/20/2026
Date

Signature: Colton Singbeil
By: Colton Singbeil
Title: Project Manager

Approved _____
Date

Signature: _____
By: _____
Title: _____



Change Authorization Request

**BUILD TODAY FOR
A BETTER TOMORROW**

Water System Improvement 2023 Water Treatment Plant Grinnell, Iowa

Date: May 20, 2026

23 Rev2

McClure sent over Field Order 4 to Wendler, requesting the replacement of 3.5 ft of total fill underneath the generator pad at WTP/ Well 9 and concrete electrical equipment pads at Well 9 with CLSM per SUDAS 3010 Part 2.06. The original schedule for this work to commence was on 5/6/26. Please Advise

	Quantity	Unit	Unit Rate	Line Total
Subcontractors				
Veith - Credit Gen Pad (10)	1	LS	\$ (1,600.00)	\$ (1,600.00)
			\$	-
			\$	-
			\$	-
			SUBTOTAL	\$ (1,600.00)

Labor				
Project Manager	2.0	mhr	\$ 184.36	\$ 368.72
Asistant Project Manager	0.0	mhr	\$ 90.96	\$ -
Safety Professional	0.0	mhr	\$ 94.33	\$ -
Superintendent - ST	0.0	mhr	\$ 104.76	\$ -
Superintendent - OT	0.0	mhr	\$ 157.14	\$ -
Foreman - ST	0.0	mhr	\$ 98.96	\$ -
Foreman - OT	0.0	mhr	\$ 148.44	\$ -
Carpenter - ST (concrete finisher)	16.0	mhr	\$ 98.96	\$ 1,583.36
Carpenter - OT	0.0	mhr	\$ 148.45	\$ -
Operator (A) - ST	0.0	mhr	\$ 98.50	\$ -
Operator (A) - OT	0.0	mhr	\$ 147.75	\$ -
Operator (B) - ST	0.0	mhr	\$ 92.48	\$ -
Operator (B) - OT	0.0	mhr	\$ 138.72	\$ -
Laborer - ST	16.0	mhr	\$ 92.78	\$ 1,484.48
Laborer - OT	0.0	mhr	\$ 139.17	\$ -
ATV Driver - ST	0.0	mhr	\$ 92.48	\$ -
ATV Driver - OT	0.0	mhr	\$ 138.72	\$ -
Truck Driver - ST	0.0	mhr	\$ 92.48	\$ -
Truck Driver - OT	0.0	mhr	\$ 138.72	\$ -
			SUBTOTAL	\$ 3,436.56

Equipment (without operator)				
General Conditions		day	\$2,224.60	\$0.00
Wendler Winter Conditions		day	\$2,000.00	\$0.00
Skidloader - Tracked/Rubber Tire	-10	Hr	\$55.47	-\$554.70
End loader - Rubber Tire		Hr	\$117.88	\$0.00
Telehandler		Hr	\$76.27	\$0.00
Excavator - Mini		Hr	\$62.41	\$0.00



Change Authorization Request

**BUILD TODAY FOR
A BETTER TOMORROW**

Excavator - 34,000 LB		Hr	\$97.08	\$0.00
Excavator - 68,000 LB		Hr	\$194.15	\$0.00
Vacuum Excavator - Trailer		Hr	\$97.08	\$0.00
Vacuum Excavator - Truck		Hr	\$277.37	\$0.00
110 Crawler Crane		Hr	\$343.23	\$0.00
Dozer		Hr	\$124.81	\$0.00
Water Pump		Hr	\$49.00	\$0.00
Compactor		Hr	\$55.47	\$0.00
Ground Heater		Hr	\$13.87	\$0.00
GPS Base/Rover/ Machine Control		Hr	\$76.27	\$0.00
Truck		Hr	\$14.00	\$0.00
Flatbed Truck		Hr	\$69.34	\$0.00
Boom Truck		Hr	\$173.35	\$0.00
Pump Truck	15.0	Hr	\$362.56	\$5,438.40
Dump Truck		Hr	\$80.00	\$0.00
Semi & Trailer		Mi	\$3.47	\$0.00
			<i>SUBTOTAL</i>	<i>\$4,883.70</i>

Material

CLSM - Gen Pad (9)	55	CY	\$ 140.00	\$	7,700.00
CLSM - Gen Pad (10)	82	CY	\$ 140.00	\$	11,480.00
CLSM - Equipment pad (9)	40	CY	\$ 140.00	\$	5,600.00
Fill Material - Well 9	155	tons	\$ (35.00)	\$	(5,425.00)
				\$	-
				<i>SUBTOTAL</i>	<i>\$ 19,355.00</i>

C.A.R. SUBTOTAL \$ ***26,075.26***

Overhead, Subcontractors	5.00%	\$	-
Overhead, Self-Performed	15.00%	\$	4,151.29

\$ 30,226.55

Bond 2.00% \$ 604.53

Total Proposed Change \$ **30,831.08**



RE: Grinnell WWTP

Dear Sir/Madam:

Date Issued: 5/18/2026

We propose to furnish the following concrete mix for the above referenced project:

Mix Code Number	Int. Description	Ext. Description / Work Type.
F00H02010	SUDAS CLSM 3010 2.06	CLSM

The above mixes are described with an "Internal Description" and an "External Description / Work Type". The "External Description / Work Type" should be used to communicate when placing orders.

The above mixes have been proportioned taking into consideration the project specifications, written requests, historical data, and referenced ACI and ASTM Documents.

Each mix is designed to meet an fc value based on ACI 301 equations. It is imperative that test samples are properly made, cured, and tested per ASTM C31 and ASTM C39.

Manatts, Inc. may perform its own random sampling and process control tests. These test results are the property of Manatts, Inc. and will be distributed at Manatts, Inc. discretion.

If customer demands mix modifications that cause the mixture to be outside of project specifications the liability of the products performance is transferred to the customer.

Manatts, Inc. would appreciate receiving concrete test reports. The testing agency must be notified by your office for us to be included on the mailing list. This enables us to monitor the status of the project and provides data for future projects.

NOTE REGARDING CONCRETE POPOUTS: Since the concrete produced locally complies with material specifications of IDOT, and because there are circumstances beyond our control, we disclaim any and all responsibility for the phenomena known as "popouts". For additional information, see IRMCA fact sheet entitled, "The Alkali-Aggregate Reaction Known As Popouts", or please give us a call.

Sincerely,

Dale PirkI
Technical Services Manager

Date Issued:5/18/2026



Supplier: **Manatts, Inc.**

Customer: WENDLER INC

Project: Grinnell WWTP

Plant: 417

Grinnell Ready Mix Plant

Mix Code	Int. Description	Ext. Description / Work Type	CLSM			
Description	Source	Material	ASTM	Spec. Grav.	oz/cwt	Weight(lb)
Sand	Flint (A86502)	Fine Aggregate	ASTM C33	2.65		2,910
Cement	Continental - Davenport (PC0509) (PC0509)	Cement	ASTM C595	3.11		50
AEA 92	Euclid Chemical Company	Air Entrainer	ASTM C260	1.00	As Required	
Fly Ash	Ottumwa Generating Station (FA013C)	Fly Ash	ASTM C618	2.75		250
Water	City of Grinnell	Water		1.00	59.89 gal.	500
TOTAL						3,710
Specified Slump:	in.	Specified Spread:	in.	Specified F'c :		PSI
Designed Slump:	in.	Designed Spread:	in.	Specified Max W/C+P Ratio:		
Specified Air:	%	Designed Unit Weight:	127.7 lbs./cu.ft.	Designed W/C+P Ratio:		1.67
Designed Air:	6.0 %	Designed Volume:	29.05 cu.ft.	Maximum Water Addition:		gal./CY

NOTES:

Manatts, Inc. has no knowledge or authority regarding where this mix is to be placed (if other than the defined usage on page 1), therefore it is the responsibility of the project architect/engineer, and or contractor to insure that the above designed mix parameters of compressive strength, water cement ratio, cement content, and air content, are appropriate for the anticipated environmental conditions (ie. ACI-318 sections 4.1-4.3, and the local Building Codes). The mix is designed to meet the f'c value shown when plastic properties are within the specifications shown. Data enclosed represents the potential of this mix when sampled, handled, cured, and tested per ASTM C-31 and ASTM C-39. Chemical admixtures are added in accordance with the manufacturer's recommendations and past experience. Manatts, Inc. reserves the right to adjust these dosages to meet the changes in jobsite demands. Aggregate weights may change depending on gradations or specific gravity of material. Water demand may vary due to environmental and material variables. Manatts, Inc. will adjust water content to meet target slump but it will not adjust the water content to cause the properties of the mixture design to be outside of project specifications unless requested by customer.

COMMENTS:

Dale Pirkl
Technical Services Manager



Cement Mill Test Report

Month of Issue: March 2026

Plant:	Davenport Plant, Buffalo, IA
Product:	Type IL (8) HS ^α
Manufactured:	February 2026

ASTM C595 and AASHTO M 240 Standard Requirements

CHEMICAL			PHYSICAL		
Item	Spec limit	Test Result	Item	Spec limit	Test Result
Chemical Analysis (C114)					
SiO ₂ (%)	---	18.8	Blaine Fineness (m ² /kg) (C204)	---	396
Al ₂ O ₃ (%)	---	4.4	Fineness, No. 325 sieve, (% retained) (C430)	---	0.7
Fe ₂ O ₃ (%)	---	3.0	Relative Density of Cement (C188)	---	3.11
CaO (%)	---	61.5	Air content of mortar (%) (C185)	12 max	6
MgO (%)	---	2.5	Compressive strength (MPa, [PSI]) (C109)		
SO ₃ (%)	3.0 max *	3.5	1 day	---	16.4 [2380]
Loss on ignition (%)	10.0 max	4.2	3 days	13.0 [1890] min	28.0 [4060]
CaCO ₃ in Limestone (%)	40 min	67	7 days	20.0 [2900] min	33.0 [4790]
Total CaCO ₃ and MgCO ₃ in Limestone (%)	70 min	81	28 days**	25.0 [3620] min	43.8 [6360]
Inorganic Processing Additions***	5.0 max	2.7	Time of setting (minutes)		
			Vicat Initial (C191)	45 - 420	102
			3 Days Heat of Hydration (kJ/kg, [cal/g]) (C1702)**	---	312 [75]
			Mortar Bar Expansion (%) (C1038)	0.020 max	0.017

Optional Information:			Physical Requirements for Blended Cements With Special Properties:		
Na ₂ O _{eq} (%) (C114)	---	0.52 §	Sulfate Resistance (% Expansion)(C1012)**	at 180 days	0.05 max
Limestone (%) (C595)	5.5 to 10.5	8.0			0.03
Chloride (%) (C114)	---	0.026			

--- Not applicable
 * Per ASTM C150 and AASHTO M 240, may exceed 3.0% SO₃ maximum based on our Test Method C1038 results of < 0.020 % expansion at 14 days.
 ** Current Production run not available - most recent provided
 *** Meets the processing additions requirements of ASTM C465
 § Please refer to ASTM C1778 or AASHTO R 80 for guidance on reducing the risk of alkali aggregate reaction in concrete.
 α Meets the special property designation for high sulfate resistance

We certify that the above described cement was tested during production and at the time of shipment it met the chemical and physical requirements of applicable standards of ASTM C595 and AASHTO M 240.

Quikrete Cement - Davenport Plant
 301 E. Front St.
 Buffalo, IA 52728

Certified By:

Lon Mullen - Quality Manager
 Report created: March 13, 2026

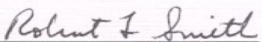
REPORT OF FLY ASH ANALYSIS

PROJECT NO. RMT-522
SAMPLE NO. 28859
DATE REC.: 02-21-26
DATE REP.: 04-03-26

PROJECT NAME: Ottumwa Fly Ash Quality Assurance Program
SAMPLE ID: Class C Fly Ash February 2026 Composite

CHEMICAL ANALYSIS:	RESULTS:	ASTM C 618 Spec F/C
Silicon Dioxide, SiO ₂ , %	37.72	----
Aluminum Oxide, Al ₂ O ₃ , %	17.44	----
Iron Oxide, Fe ₂ O ₃ , %	4.91	----
Sum of SiO ₂ , Al ₂ O ₃ & Fe ₂ O ₃ , %	60.07	50.0 Min./50.0 Min.
Calcium Oxide, CaO, %	26.32	18.0 Max/>18.0
Magnesium Oxide, MgO, %	4.79	----
Sodium Oxide, Na ₂ O, %	1.56	----
Potassium Oxide, K ₂ O, %	0.46	----
Sulfur Trioxide, SO ₃ , %	2.53	5.0 Max
Moisture Content, %	0.07	3.0 Max
Loss on Ignition, %	0.17	6.0 Max
Total Alkalis, % as Na ₂ O Equivalent	1.86	
Available Alkalis, % as Na ₂ O Equivalent	0.58	----
PHYSICAL ANALYSIS:	RESULTS:	ASTM C 618 Spec F/C
Amount Retained on No. 325 Sieve, %	16.2	34 Max
Strength Activity Index		
Portland Cement @ 7 days, % of Control	101	75 Min
Portland Cement @ 28 days, % of Control	106	75 Min
Water Requirement, % of Control	93	105 Max
Autoclave Expansion, %	+0.05	0.8 Max
Density	2.66	----

This material meets the requirements for ASTM C 618 for the parameters tested. **National Minerals Corporation has generated the test data listed herein by test methods similar to applicable CSA methods and meets the requirements of current CSA-A3001 fly ash.**

By 
Robert L. Smith, Ph.D.



EUCON™ AEA-92

AIR ENTRAINING AGENT FOR CONCRETE

PRODUCT INFORMATION

PACKAGING

Packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums and 5 gal (18.9 L) pails.

SHELF LIFE

2 years in original, unopened container

SPECIFICATIONS/COMPLIANCES

Corps of Engineers CRD C-13

ASTM C260

AASHTO M154

ANSI / NSF STD 61

DESCRIPTION

EUCON AEA-92 is formulated for use as an air entraining admixture for concrete of all types and is manufactured under rigid control which assures uniform and precise performance. EUCON AEA-92 is compatible with concrete mixes containing accelerators, water reducing admixtures, retarding admixtures, or high range water reducers and should be added to the mix independently and not with other admixtures. EUCON AEA-92 contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Provides a stable air void system with proper bubble size and spacing
- Air void system protects against damage caused by freeze / thaw cycles
- Concrete is resistant to de-icing salts, sulfate attack and corrosive water
- Less mixing water can be used per yard (meter) of concrete
- Improved placeability
- Improved workability
- Minimizes bleeding and segregation of the concrete

PRIMARY APPLICATIONS

- Ready mix concrete
- Structural concrete
- Mass concrete
- Paving concrete
- All exterior concrete

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON AEA-92 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Do not agitate with air.
- Consult your local Euclid Chemical representative for the proper dosage rate adjustments when using fly ash, slag or high range water reducers.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

DIRECTIONS FOR USE

EUCON AEA-92 is typically dosed at a rate of 0.1 - 4 oz/100lbs (6 - 260 mL/100kg) of total cementitious material to entrain 3% - 6% air content. The amount of EUCON AEA-92 will vary depending on type of cement, fineness of sand, temperature, design of the mix, other admixtures, etc. Concrete mixes must be tested regularly to confirm that proper air content is achieved. EUCON AEA 92 should be added directly to the sand to achieve maximum performance.

Rev. 03.21

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.

WENDLING QUARRIES, INC CERTIFIED TEST REPORT

X	CERTIFIED SAMPLE
	MONITOR SAMPLE
	VERIFICATION SAMPLE

COUNTY _____
 PROJECT _____
 CONTRACTOR _____
 CONTRACT NO. _____
 DESIGN _____

DATE _____ REPORT NO. **3**

SOURCE NAME **Flint** T-203A NO. **A86502** SOURCE LOCATION **NW** SEC. **3** TWP. **82** RANGE **15W** COUNTY **TAMA**
 MATERIAL **Fine Agg PCC 4110** CLASS _____ GRADATION NO. **1** BEDS _____
 MATERIAL PRODUCER **Wendling Quarries, Inc.** DESTINATION **WHS** SAMPLED AT **Stockpile**

DATE SAMPLED	SAMPLE IDENTIFICATION	SAMPLED BY	TESTED BY	SIEVE ANALYSIS										PERCENT PASSING				OTHER TEST RESULTS			
				--IN	26.5MM	19MM	13.2MM	9.5MM	4.75MM	2.36MM	1.18MM	600PM	300PM	150PM	75PM						
*PRODUCTION LIMITS				1.5	1.0	3/4"	1/2"	3/8"	NO. 4	NO. 8	NO. 16	NO. 30	NO. 50	NO. 100	NO. 200						
				MAX				100	100	100		60			1.5					2.90-3.35	
				MIN				100	90	70		10						FM	COMP.	TONS	
5/27/2025	TD-11							100	95	86	72	46	9.5	0.6	0.1			2.91	Y	1393	
5/27/2025	TD-12							100	95	85	66	38	7.5	0.3	0.0			3.08	Y	1393	
5/28/2025	TD-13							100	96	89	75	50	12	0.8	0.0			2.77	Y	1393	
5/29/2025	TD-14							100	95	86	70	42	7.3	0.3	0.1			3.00	Y	1393	
5/29/2025	TD-15							100	96	87	71	43	7.7	0.4	0.0			2.95	Y	1393	
5/30/2025	TD-16							100	96	87	71	45	11	0.4	0.0			2.90	Y	1393	
5/30/2025	TD-17							100	96	87	70	44	9.6	0.6	0.0			2.94	Y	1393	
AVERAGE GRADATION								100	95	87	71	44	9.3	0.5	0.0			2.94			

NOTE TO COUNTY AND RESIDENT ENGINEERS---IF COUNTY OR PROJECT NUMBER IS INCORRECT, PLEASE NOTIFY INSPECTOR AND AMES OFFICE PROMPTLY. CORRECTED REPORTS WILL ISSUED.

COMMENTS: CC: I.D.O.T.Engineer Michael Lauritsen
Kevin Hunter Materials Inspector
Wendling Quarries Inc. File Copy Cedar Rapids & DeWitt
Also Meets Fine Aggregate for HMA 4127.03
Also Meets Floodable Backfill (Grad 35) Spec 4134
 *AGREED BY THE CONTRACTOR/PRODUCER

ESTIMATED QUANTITY 9751 TONS
 TOTAL PREVIOUSLY CERTIFIED 15000 TONS
 TOTAL CERTIFIED TO DATE 24751 TONS
 CERTIFICATION NUMBER 617021
 REPORTED BY Michael Burke
 REPRESENTING Wendling Quarries, Inc.

Vieth Construction Corporation

6419 Nordic Dr.

phone 319-277-1006

Cedar Falls, IA. 50613

Fax 319 277-3383

viethconstcorp@hotmail.com

Tony's Cell 319-415-3470

RE: Grinnell WWTP/ DN Tanks EWO

5/19/26

ATTN: WRH, Inc/ Colton Singbeil- P. Mgr.

Dear Colton: Per your email dated 5/14/26 regarding the Generator Pad Tree Roots organics to place CLSM ilo rock VCC offers the following credit:

- 1) 2' of the 3.5' was placed, credit for the 1.5' off rock is as follows, $40 \text{ ton} \times \$40 = \text{<}\1600> credit.

Sincerely, Tony Vieth / Pres.



CITY: GRINNELL
 COUNTY: POWESHIEK
 TWP: 80N
 RANGE: 16W
 SECTION: 20
 MUNICIPALITY: CITY OF GRINNELL | IDOT
 ADDRESS/LOCATION: 629 W ST S STE 700



PROJECT ID # 26-227
 PROJECT DESCRIPTION:
 PO#640335
 DIRECTIONAL BORE (1) 1.5" - 510'
 DIRECTIONAL BORE (2) 1.5" - 179'
 INSTALL (1) POWER SUPPLY
 INSTALL (1) GROUND ROD
 INSTALL (1) NODE

ENGINEERING: June 8, 2026

COMPLETED:

REVISIONS:



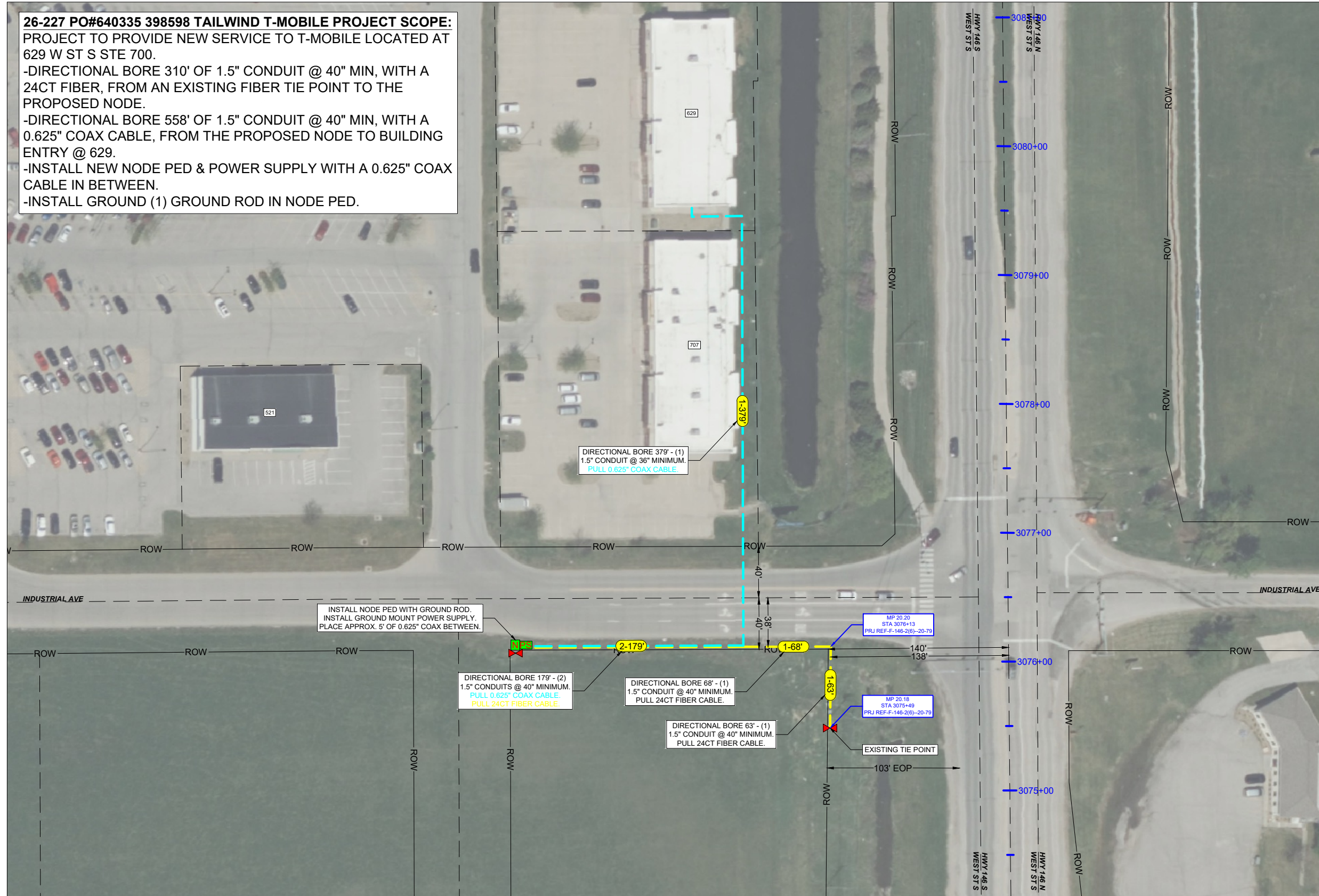
UTILITIES CONSTRUCTION CONTRACTOR
 DESIGNED BY: TYLER PERKINS
 DESIGN APPROVED: JAMES REASON
 O) (515)224-9544

REDLINE

AS BUILT:

SCALE 1" : 75'

NOTICE
 Information contained in this document is proprietary and shall not be used, copied, reproduced, or disclosed, in whole or in part, without written consent of MCC, LLC



FOR DEPARTMENT USE ONLY		
DOT Project Number	Expiration/Completion Date	
Permit Number	Highway Number	County Poweshiek

APPLICANT (INDIVIDUAL OR COMPANY)				
First Name tyler	Middle Initial E	Last Name Perkins	Phone Number 515-410-1125	Ext.
Company Name Communication Data Link			Phone Number	Ext.
Street Address 1305 SW 37th st		City/Town Grimes	State IA	ZIP Code 50111
e-Mail Address tperkins@commdatalink.com		Secondary e-Mail Address permits@commdatalink.com		

INSTALLATION TO BE ACCOMMODATED
Approval is hereby requested to enter within the state highway right-of-way for the accommodation of a utility installation as detailed on the attachments and further described as follows.

The installation shall consist of:
Directional boring 1.5" conduit @ 40" minimum with a 24ct fiber along Hwy 146 between MP 20.18 STA 3075+49 & MP 20.20 STA 3076+13

and shall be located as shown on the detailed plan attached hereto. **(See current Iowa Department of Transportation Utility Accommodation Policy for submittal of detailed plan requirements, Section 115.7(3). <https://iowadot.gov/media/140/download?inline>**

WORK SITE LOCATION

The proposed work as described above is located in Section _____ 20 _____, Twp. _____ 80n _____, Range _____ 16w _____ on Highway No. _____ 146 _____ generally located _____ 1.68 _____ (miles) _____ North _____ (direction) from _____ I-80 Westbound Centerline _____ (city, county line, or other landmark). Work proposed is more specifically located as being from _____ MP 20.18 _____ (Milepost #) and _____ STA 3075+49 _____ (Highway Station) to _____ MP 20.20 _____ (Milepost #) and _____ STA 3076+13 _____ (Highway Station) on the _____ West _____ side of highway.

Disclosure Statement: The information furnished on this form will be used by the Department of Transportation to determine approval or denial of the application. Failure to provide all pertinent information will result in denial of the application. Information furnished is public information and copies may be provided to the public upon request.

The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the Permit applicant) agrees with the Iowa Department of Transportation (hereafter referred to as the Department) that the following stipulations and those special requirements as listed on this document shall govern under this permit after it is approved by the Department.

- A. General**
1. The installation shall meet the requirements of local municipal, county, state, and federal franchise rules and regulations, regulations and directives of the Iowa State Commerce Commission; the Iowa Department of Natural Resources, all rules and regulations of the Department and any other laws or regulations applicable. This permit grants installation within the highway right-of-way and does not authorize installation on private property or any other property such as railroad right-of-way.
 2. The Permit Holder shall be fully responsible for any future adjustments of the facilities within the established highway right-of-way caused by highway construction or maintenance operations.
 3. As per Section 115.7(8) of the Utility Accommodation Policy, As-Built plans are due within 90 days after completion of construction, the utility owner shall submit to the district representative an as-built plan in an electronic format in accordance with department specifications.
 4. The work described in this permit shall be completed as proposed in compliance with the stipulations and special requirements within one year from the date Department approval is received for said request. Failure on the part of the Permit Holder to abide by the stipulations or in constructing the work described as stipulated and within the time frame stated shall render this agreement and request null and void. The Permit Holder also agrees to save the State of Iowa and the Department harmless of any damages or losses that may be sustained by any person, or persons, on account of the conditions and requirements of this agreement.
 5. Non-compliance with any of the terms of the Department's policy, permit, or agreement, may be considered cause for shut-down of construction operations, revocation of the permit, or withholding of relocation reimbursement and/or withholding of future application approvals until compliance is confirmed. The cost of any work deemed necessary to be performed by the State in removal of non-complying construction will be assessed against the Permit Holder.

B. Construction and Maintenance

1. The location, construction and maintenance of the utility installation covered by this application shall be in accordance with the current Department's Utility Accommodation Policy. <https://iowadot.gov/media/140/download?inline>
2. Before beginning any work in the highway right-of-way, it is the responsibility of the Permit Holder to obtain an easement from the drainage district if necessary. The Department assumes no responsibility for advising the Permit Holder of each location of a drainage district crossing. It is the Permit Holder's responsibility to locate these crossings and obtain any necessary easements or permission from the drainage district. See Code of Iowa, Chapter 468 for additional information.
3. A copy of the approved permit shall be available on the job site at all times for examination by Department personnel.
4. Operations in the construction and maintenance of this utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
5. Traffic protection shall minimally be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways. The applicant shall be responsible for correctly using traffic control devices including signs, warning lights, and channelizing devices as needed while work is in progress or the clear zone is impacted. Flagging operations are the responsibility of the applicant. The Department's TC XXX Series Standards are the preferred traffic control specification plans. https://documents.iowa.gov/#4206904_2=Transportation&4206904_19=Design&4206904_3=Standard Road Plans&4206904_11=TC - Traffic Control&search-logic=format&page_length_parm=100
6. The applicant shall seed and mulch all disturbed areas within the highway right-of-way and shall be responsible for the vegetative cover until it becomes well established. Any surfaced areas such as driveways or shoulders and sodded waterways and plantings which are disturbed shall be restored to their original condition. Any damage to any other underground facilities during installation shall be repaired at the permit holder's expense.
7. All personnel in the highway right-of-way shall wear ANSI 107 Class 2 apparel at all times when exposed to traffic or construction equipment.
8. As per Policy Section 115.3(9) parking or storage in the clear zone is prohibited. When not in actual use, vehicles, equipment and materials shall not be parked or stored within the clear zone or median.
9. Unless specifically noted in Special Requirements section, all work performed within the right-of-way shall be restricted to 30 minutes after sunrise to 30 minutes before sunset.
10. Pedestals shall be placed within 12 inches of the right-of-way line.
11. All above and below ground appurtenances (pedestals, hydrants, drains, accesses, etc.) shall be marked with high visibility posts and signs. The minimum height requirement for the signs shall be 5 foot. Urban Roadway Sections may be exempted with department approval.

C. Liability

1. To the extent allowable by law, the Permit Holder agrees to indemnify, defend, and hold the Department harmless from any action or liability arising out of the design, construction, maintenance, placement of traffic control devices, inspection, or use of the Permit Holder's facilities. This agreement to indemnify, defend, and hold harmless applies to all aspects of the Department's application review and approval process, plan and construction reviews, and funding participation.
2. The Permit Holder shall indemnify and save harmless the State of Iowa, its agencies and employees, from any and all causes of action, suits at law or in equity, for losses, damages, claims or demands, and from any and all liability and expense of whatsoever nature, arising out of or in connection with the Permit Holder's use or occupancy of the public highway.
3. The State of Iowa and the Department assume no responsibility for damages to the Permit Holder's property occasioned by any construction or maintenance operations on said highway if the facilities are not located in accordance with this permit.
4. The State of Iowa, its agencies or employees, will be liable for expense incurred by the Permit Holder in its use and occupancy of the highway right-of-way only when negligence of the State, its agencies or employees, is the sole proximate cause of such expense. Whether in contract, tort or otherwise, the liability of the State, its agencies and employees, is limited to the reasonable, direct expense to repair damaged utilities, and in no event will such liability extend to loss of profits or business, indirect, special, consequential or incidental damages.

D. Notification

1. The Permit Holder is responsible for contacting **Iowa One-Call (1-800-292-8989)** and request the location of all underground utilities forty-eight (48) hours before excavation. Before beginning work in the highway right-of-way, the Permit Holder shall also contact any other known utility located in the area of the proposed work.
2. The Permit Holder agrees to give the Department forty-eight (48) hour notice of its intention to start construction or to perform routine maintenance on the highway right-of-way. Said notice shall be made to the local DOT contact person whose name is shown on Page 3.
3. **511 Notification** - The Permit Holder or their contractor **may not obstruct or close** primary highways or primary highway extensions (state highways within city limits) **without prior consent of the department**, except in emergency situations. Before setting up a lane closure or vertical/horizontal restriction of any kind on a primary highway, call the local DOT Maintenance Garage **AND** the Traffic Management Center per attached documents. Except in emergency situations, a 10-day advance notice is required. <http://www.iowadot.gov/traffic/utility/pdfs/511UtilityNotification.pdf>

E. Build America, Buy America (BABA)

- F. Build America, Buy America (BABA) applies to relocations of utility facilities that must move due to highway projects under certain specific conditions that include reimbursable locations and relocations due to interstate projects. Please contact the Department's District Engineering Operation Technician (EOT) for more information on BABA requirements or visit the following link: <https://ia.iowadot.gov/erl/current/IM/content/107.htm>

Permit Number: _____

Special Requirements - in addition to the stipulations above, the following special requirements shall apply to this permit:

Applicant Signature and Agreement

The undersigned have read the stipulations of this permit agreement as stated, as well as attachments which may be included, and by signing this application agree to abide by all stipulations and to complete the work as proposed in compliance with the stipulations and attachments within one year from the date Department approval is granted for said request. Failure on the part of the applicant to abide by the stipulations or to construct the work desired as stipulated and within the time frame stated shall render this agreement and request null and void. The undersigned also agrees to save harmless the State of Iowa and the Iowa Department of Transportation from any damage or losses that may be sustained by any person or persons on account of the conditions and requirements of this agreement.

Name of Agent (<i>Print or Type</i>) Tyler Perkins	Agent/Owner (<i>Signature</i>)	Title Design & Permit Tech.
Name of Owner (<i>Print or Type</i>) Mediacom	Date 6/8/2026	
e-Mail Address tperkins@commdatalink.com		

CITY ACTION (IF PROPOSED WORK IS WITHIN AN INCORPORATED CITY, CITY ACTION IS REQUIRED)

"The undersigned city joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned city and recommends action on said permit application as noted below by the delegated city official".

Recommend Approval **Do Not Recommend Approval** **None Required**

Signature	Title	Date
Type or Print Name	Authorized Official for the City of	
e-Mail Address		

COUNTY ACTION (IF PROPOSED WORK CROSSES COUNTY RIGHT-OF-WAY, COUNTY ACTION IS REQUIRED)

"The undersigned county joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned county and recommends action on said permit application as noted below by the delegated county official".

Recommend Approval **Do Not Recommend Approval** **None Required**

Signature	Title	Date
Type or Print Name	Authorized Official for the County of	
e-Mail Address		

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval **Do Not Recommend Approval** **None Required**

Authorized FHWA Representative Signature	Date
--	------

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved **Application Denied** Permit Number:

Authorized Highway District Representative	Signature	Date
e-Mail Address		

Notice of intention to commence activities on the highway rights-of-way shall be submitted by the applicant a minimum of 48 hours prior to actually commencing the activities as herein granted by this approved application. Notice is to be given to the following Iowa Department of Transportation representative. Except in emergencies a 10 day advance notice is required for lane restrictions of any kind:

Local DOT Contact Person (Type or Print Name)	Phone Number		
Street Address	City/Town	State IA	ZIP Code
e-Mail Address		Permit Number:	

Site Plan & Attachments Checklist for Utilities Accommodation Permit

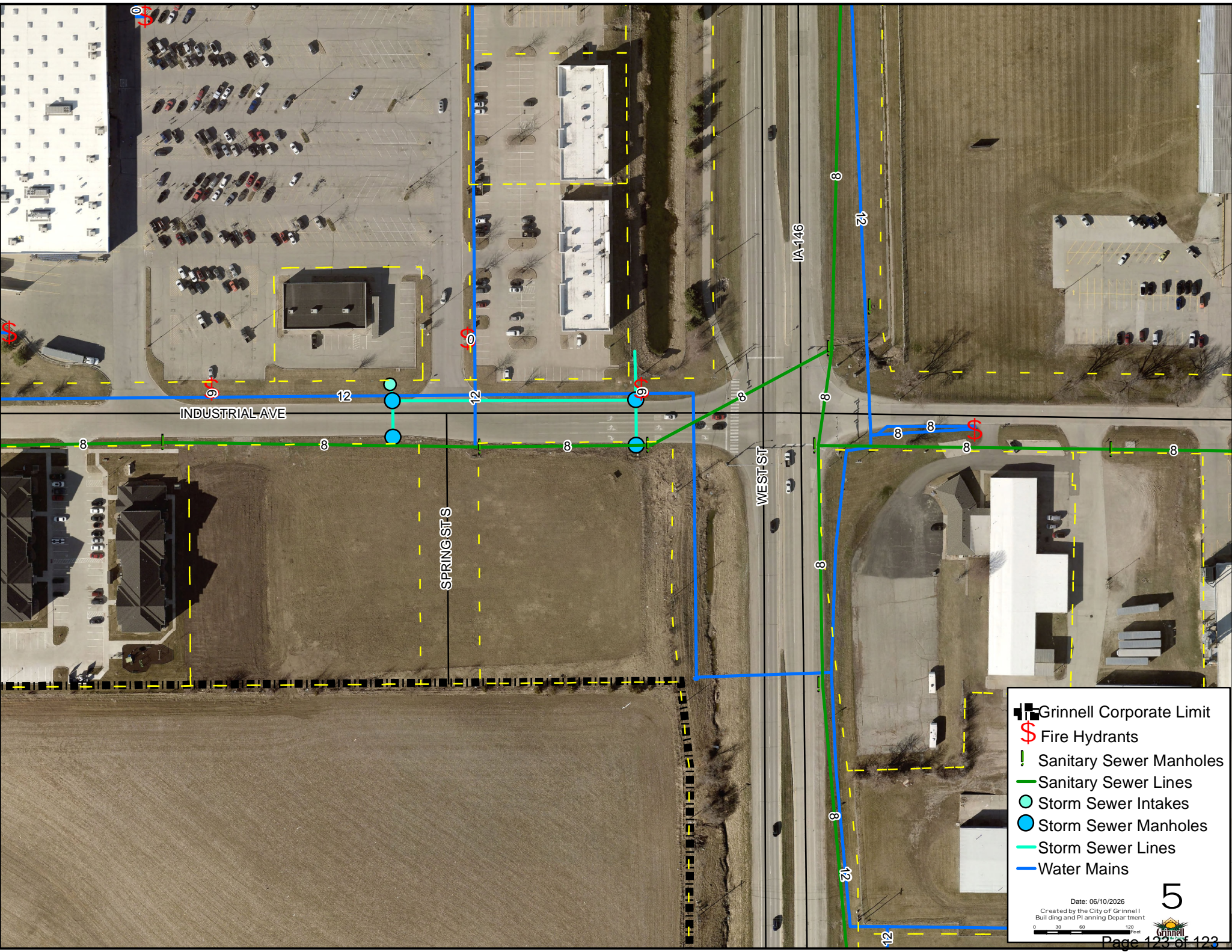
Last updated 12-18-2025

- Plans showing highway centerline, route number, stationing and milepost.
- Visible orientation (north arrow) and identifying landmarks.
- Clearly identify right-of-way (ROW) lines and include with horizontal distance from highway centerline shown, including all breakpoints and changes in the ROW distances.
- Provide Iowa One Call design request information (minimally the list of utility owners).
- List all the existing utilities in the installation area. Describe how your installation will address existing utilities that are in conflict, and show all observable existing features, such as power poles, pedestals, markers, handholes, trees, etc.
- Show all construction features/bore pits with the running line and horizontal distance from roadway edge or centerline (showing clear zone compliance). <https://iowadot.gov/rightofway/pdfs/UtilityPolicy.pdf>
- Show the start/stop stationing and depths or elevations for all bores, longitudinal and transverse.
- Show the start/stop stationing and depths or elevations for all plowing locations.
- Show casing start/stop locations, lengths, diameter, and material if casings are used.
- Show all facilities that are to be installed on the site plan including but not limited to pedestals, wire conduit, poles, guy anchors, junction boxes, handholes and manholes. ALL MUST BE REFERENCED BY highway stationing and distance from centerline.
- Show where installation starts and stops, leave the ROW, stops at existing pedestal, pole, etc. Use highway stationing and distance from centerline of the start and stops.
- Identify any physical focal points, posts, pedestals, shutoffs, overflow valves, hydrants, etc.
- Describe any other work to accomplish installation before, during or after installation, including but not limited to removal of brush/trees, removal of underbuild, construction of access, fence removal, fence replacement, etc.
- Identify unusual issues to be pointed out on the site plan. CLARITY IS THE KEY. *It will not be assumed to be included in the permit or that the permit holder will perform certain work if it is not included in the plan.*

ATTACHMENTS

- Proper Traffic Control Standards (Iowa DOT TCxxx Series Standard plans preferred)
Available at: https://documents.iowa.gov/#4206904_2=Transportation&4206904_19=Design&4206904_3=Standard Road Plans&4206904_11=TC - Traffic Control&search-logic=format&page_length_parm=100
- Required Height / Depth Typical (supplied by the department)
- Tile Repair Guide (rural locations) (supplied by the department)
- Special Seeding Requirements and Erosion Control (supplied by the department)
- 511 Lane Restriction Requirements (if any lane restriction is anticipated) (supplied by the department)

ALL ITEMS MUST BE LEGIBLE FOR REVIEW BY THE DEPARTMENT



Grinnell Corporate Limit
 Fire Hydrants
 Sanitary Sewer Manholes
 Sanitary Sewer Lines
 Storm Sewer Intakes
 Storm Sewer Manholes
 Storm Sewer Lines
 Water Mains

Date: 06/10/2025
 Created by the City of Grinnell
 Building and Planning Department

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