

Department of Engineering
Tim Bryan, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

June 21, 2023

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Comcast Cable Utility Permit
County Road Name, Pat Luckett Road, Summerlin Road, and Robinson Road

The Engineering Department recommends approval of the permit application for Comcast Cable is attaching 48 CT and 24 CT fiber to existing poles, boring and installing 2" HDPE to pull 48 CT and 24 CT fiber within the right-of-way owned by the County including the listed roads below.

- Pat Luckett Road
- Summerlin Road
- And Robinson Road

Revised: 2/14/2019



PERMIT APPLICATION FOR THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY WITHIN COUNTY ROAD RIGHT-OF-WAY

Utility Information: Utility Name: COMCAST CABLE

Address: 3425 Malone Drive City/State/Zip: Chamblee/ GA/ 30-341

Contact Person: Linda Taibl Contact's Phone: _____

Project Information: County Road Name: _____
(If located within more than one road right-of-way, use Appendix 1 for additional descriptions)

Beginning Location: 32.661042, -89.835492 Ending Location: 32.650016, -89.803085

Length of Project: 14315 FT Section: 34 Township: 3 Range: 69

Description of Work: COMCAST IS ATTACHING 48CT AND 24 CT FIBER TO EXISTING POLES, BORING AND INSTALLING 2" HDPE TO PULL 48CT AND 24CT FIBER WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY.

TOTAL INSTALLATION LENGTH IN ROW: 14 315FT

Check Box if Appendix 1 is to be included as a part of this Application

Whereas the above stated Utility makes application to the **Madison County Board of Supervisors** for a Construction Permit. Attached hereto are drawings and plans for the construction of the above facilities located within Madison County owned public rights-of-way. Once stamped by the Madison County Engineering Department, these plans shall not be changed or altered without written approval of the County Engineer, or his representative. A copy of the approved permit and plans shall be on-site at all times during construction.

The Applicant Utility shall comply with all policies, procedures and construction practices as outlined in *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads* (hereinafter referred to as the "Policy"), as adopted on November 1, 2005, by the **Madison County Board of Supervisors**, and which is hereby made a part of this Application Agreement.

If facilities are to be located within the Rights-of-Way of the County-Federal or State Aid System, Applicant Utility also agrees to comply with applicable provisions of *S.O.P. No. SA II-2-8, Accommodation of Utilities on Rights-of-Way*, issued by the State Aid Engineer and dated July 1, 2005.

The Applicant Utility understands and agrees that, except as herein granted, no right, title, claim, or easement to said road right-of-way is granted by the issuance of this permit. If this Utility is listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this Application.

The Applicant Utility further understands that the Utility's engineering, plant, or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans. If work impacts traffic in any way, the appropriate traffic control shall be installed per the *Manual of Uniform Traffic Control Devices*, Latest Edition.

The Applicant Utility understands that the County Engineer, or his representative, may issue a Stop Work Order at any time if it is deemed that site conditions are not suitable for construction or if any of the requirements of this permit are not being met.

Many County Roads have variable Rights-of-Way and/or no Right-of-Way at all and are maintained under a Prescriptive Easement. It is the sole responsibility of the Applicant Utility to verify the existence and limits of public rights-of-way. If none exists, it is the

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.

All pipes carrying liquid shall be encased under County maintained roads.

WITNESS the signature of the Applicant this the 19 day of 06, 2023.

By: Linda Taibl
(Applicant Signature)

Title: Construction specialist

Note: Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.

I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads.*

APPROVED

By: **By timothy.bryan at 12:39 pm, Jun 27, 2023**

Tim Bryan, P.E.
County Engineer **BT**

AGREED TO AND APPROVED BY:

Madison County Board President

Date: _____

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS

_____ DAY OF _____, 20_____.

Appendix 1

County Road Name: PAT LUCKETT RD
Beginning Location: 32.661042, -89.835492 Ending Location: 32.650016, -89.803085
Length of Project: 10 454 FT Section: 34 Township: 3 Range: 69
Description of Work: ATTACH 48CT AND 24 CT FIBER TO EXISTING POLES, BORE AND
INSTALL 2" HDPE TO PULL 48CT AND 24CT FIBER WITHIN THE PAT LUCKETT RD RIGHT-OF-WAY

County Road Name: SUMMERLIN RD
Beginning Location: 32.650130, -89.814277 Ending Location: 32.664867, -89.802505
Length of Project: 2 495 FT Section: 34 Township: 3 Range: 69
Description of Work: ATTACH 24 CT FIBER TO EXISTING POLES, BORE AND
INSTALL 2" HDPE TO PULL 48CT AND 24CT FIBER WITHIN THE SUMMERLIN RD RIGHT-OF-WAY

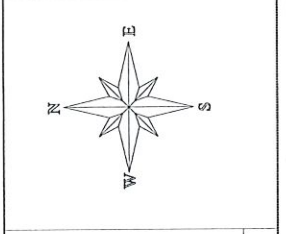
County Road Name: ROBINSON RD
Beginning Location: 32.647922, -89.810952 Ending Location: 32.645855, -89.814419
Length of Project: 1366 FT Section: 34 Township: 3 Range: 69
Description of Work: BORE AND INSTALL 2" HDPE TO PULL 24CT FIBER WITHIN THE ROBINSON RD RIGHT-OF-WAY

County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: _____ Township: _____ Range: _____
Description of Work: _____

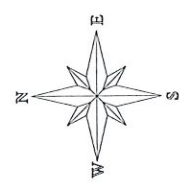


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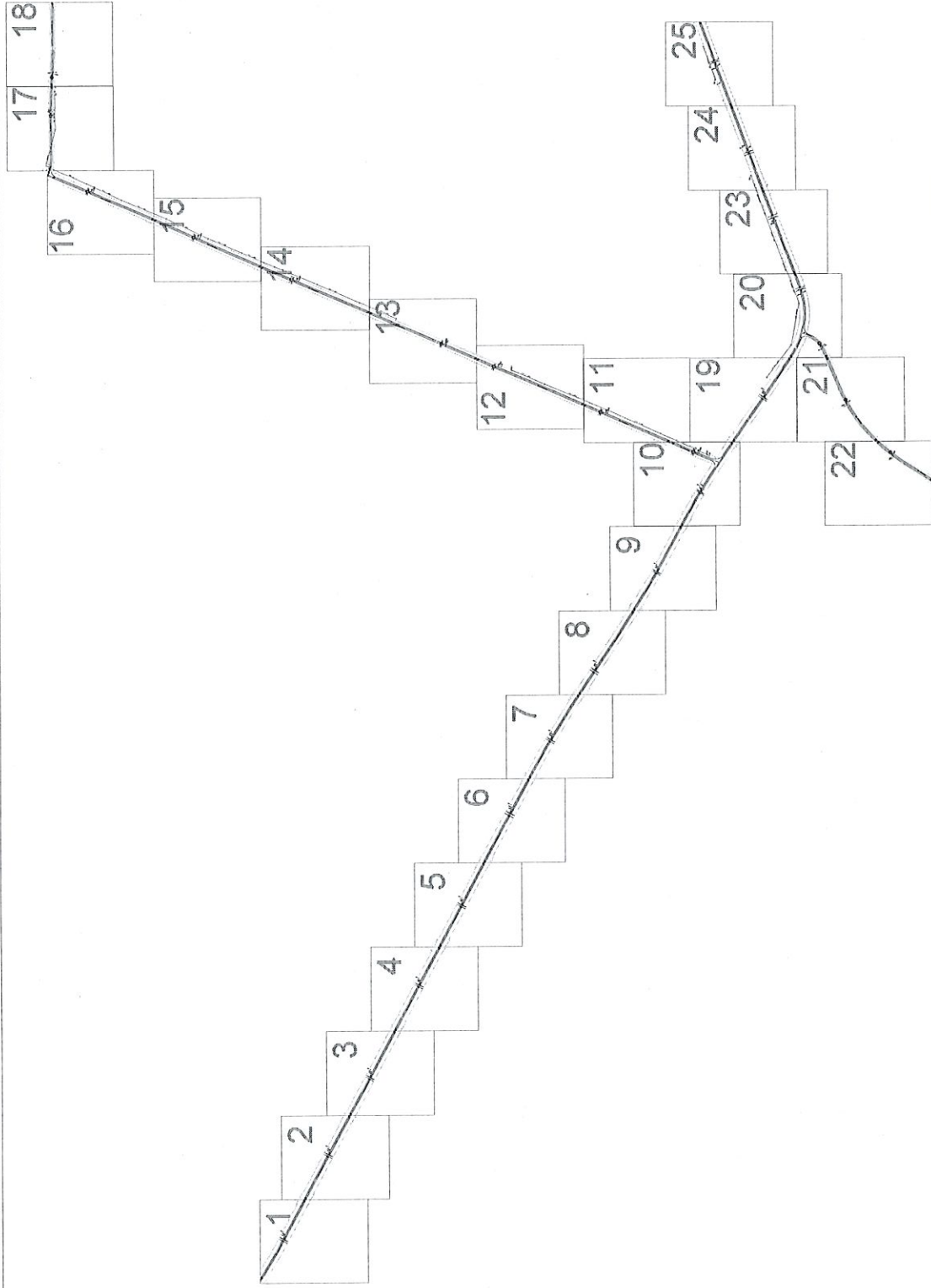
COMCAST IS ATTACHING FIBER TO EXISTING POLES, BORING AND INSTALLING
 NEW CONDUIT WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY

PREPARED BY:
 QUASAR, INC.

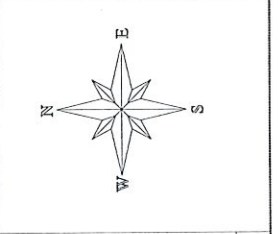


NO SCALE

TOTAL: 14315ft




ENGINEERED FOR:



NO SCALE

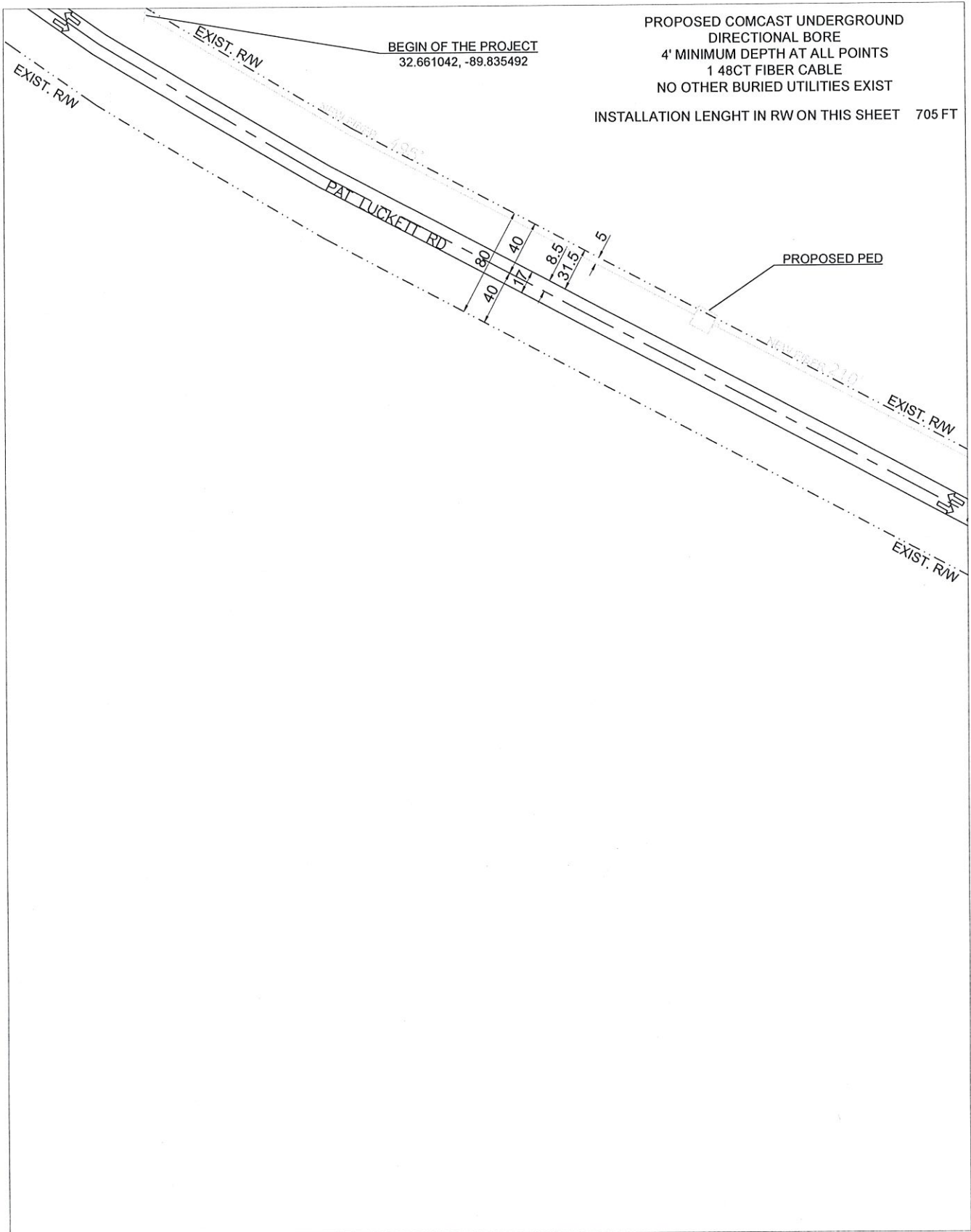
COMCAST IS ATTACHING FIBER TO EXISTING POLES, BORING AND INSTALLING
 NEW CONDUIT WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY
 TOTAL: 14315ft

PREPARED BY:

 QUASAR, INC.



NO MATCH SHEET

NO MATCH SHEET



PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGHT IN RW ON THIS SHEET 705 FT

MATCH SHEET 2

NO MATCH SHEET

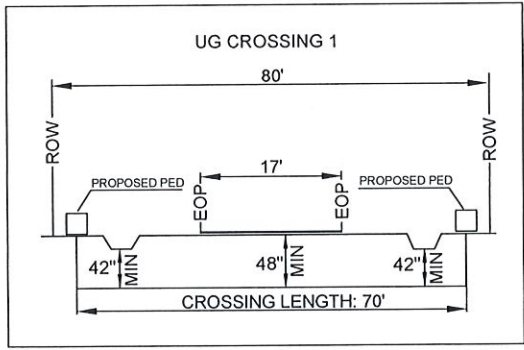
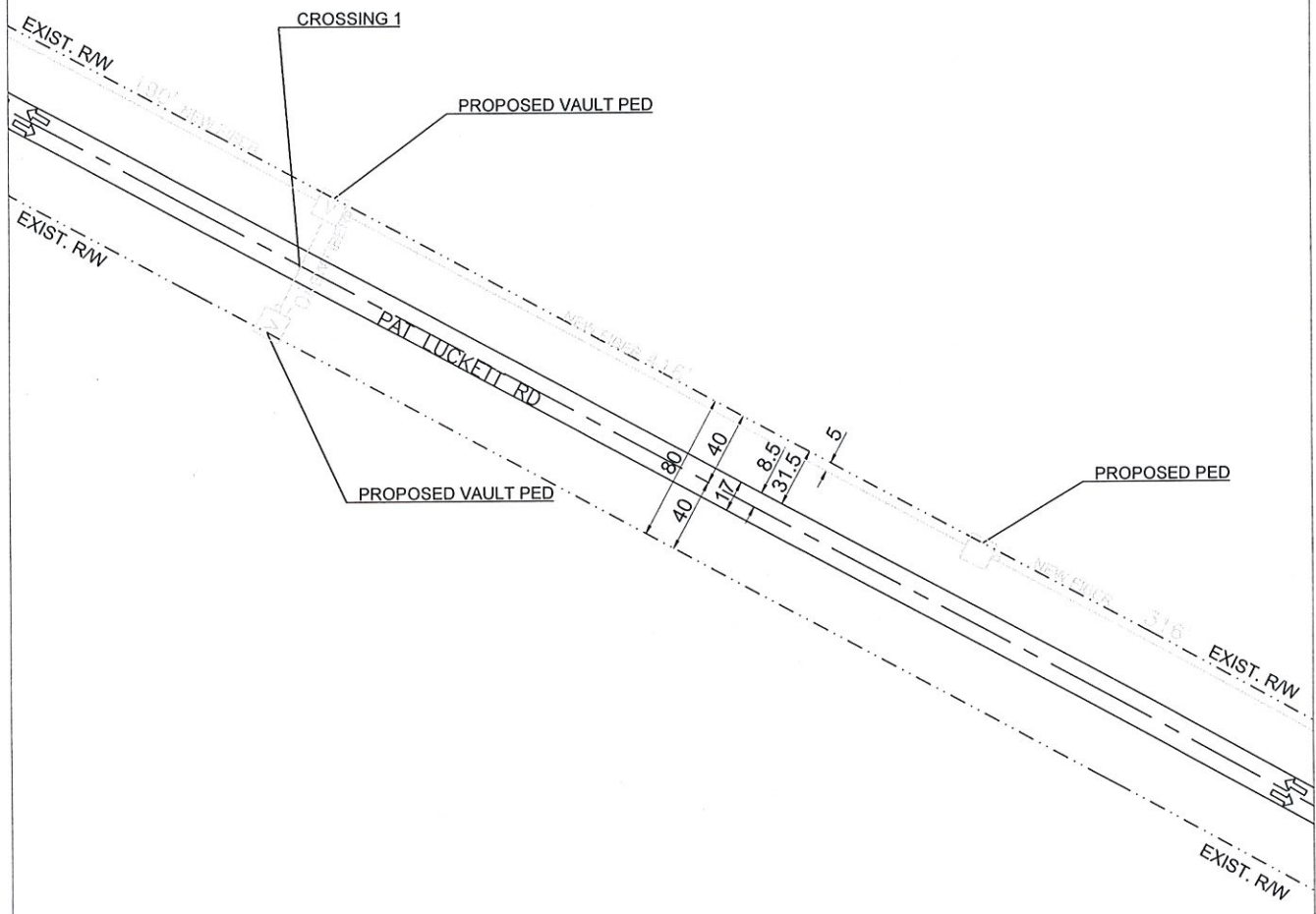
| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKETT RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE SHEET 1 OF 25 | | | |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGTH IN RW ON THIS SHEET 992 FT

MATCH SHEET 1

MATCH SHEET 3



NO MATCH SHEET

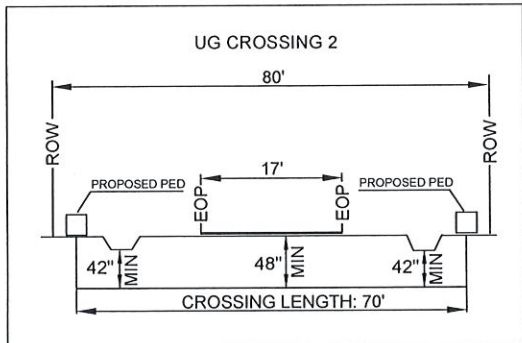
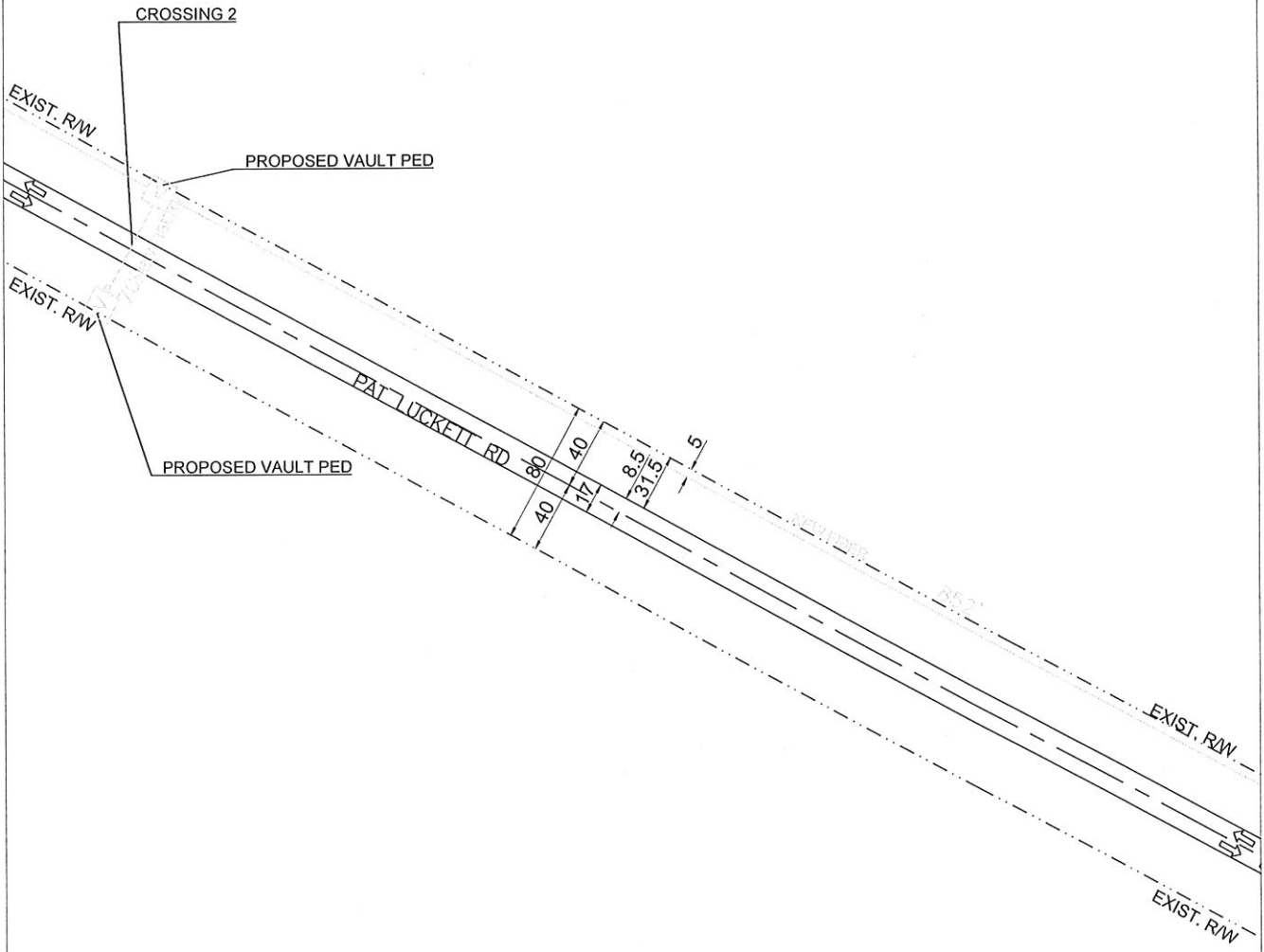
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| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE SHEET 2 OF 25 | | | |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGTH IN RW ON THIS SHEET 922 FT

MATCH SHEET 2

MATCH SHEET 4



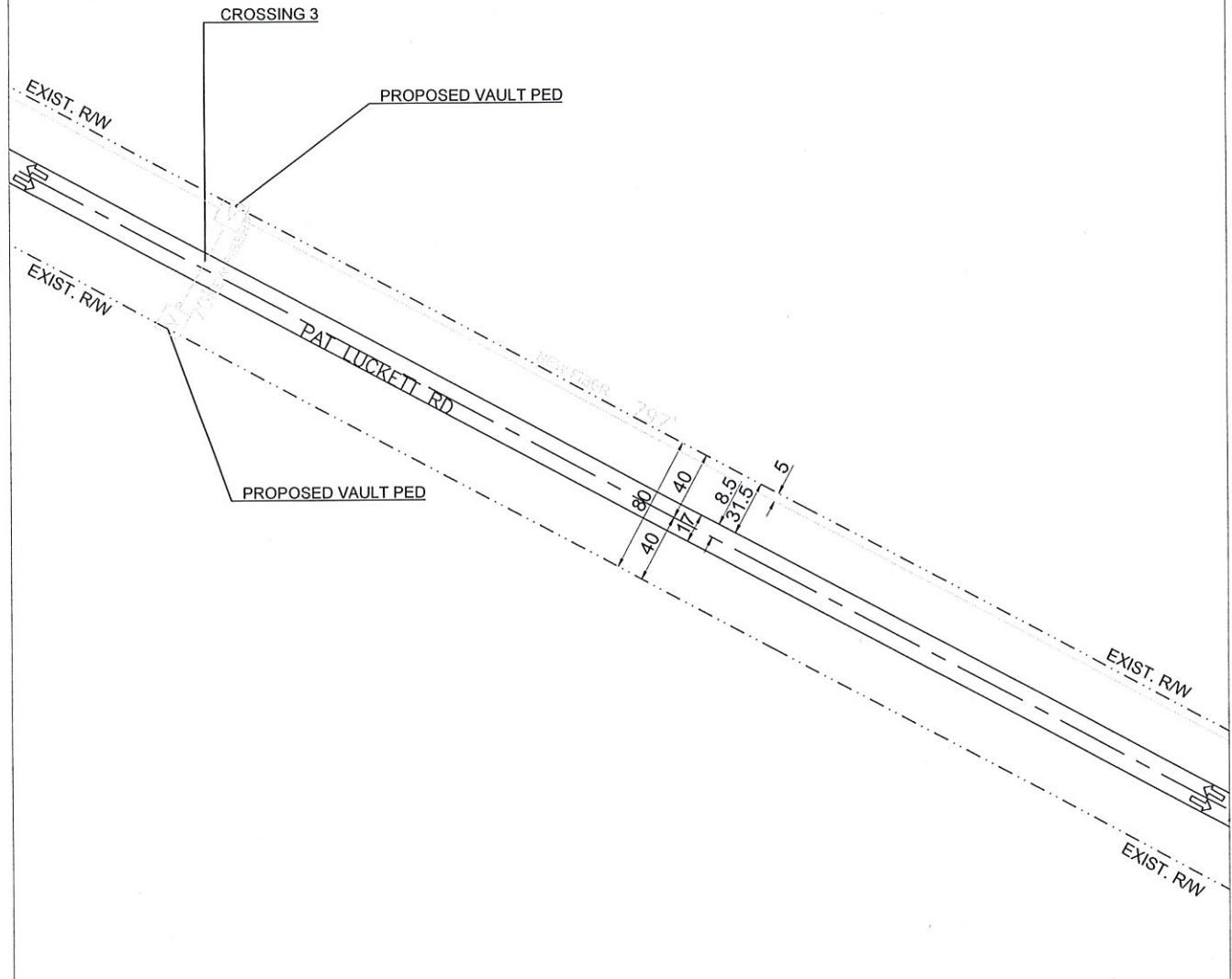
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| | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | | NO SCALE SHEET 3 OF 25 | | | |

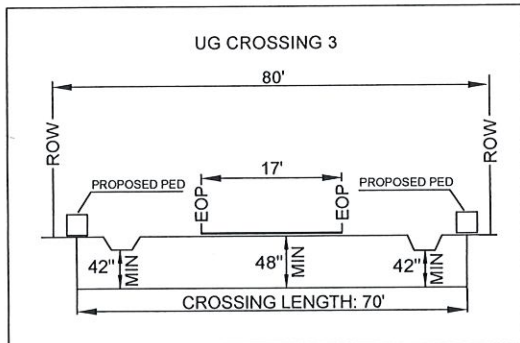
NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGTH IN RW ON THIS SHEET 867 FT

MATCH SHEET 3



MATCH SHEET 5



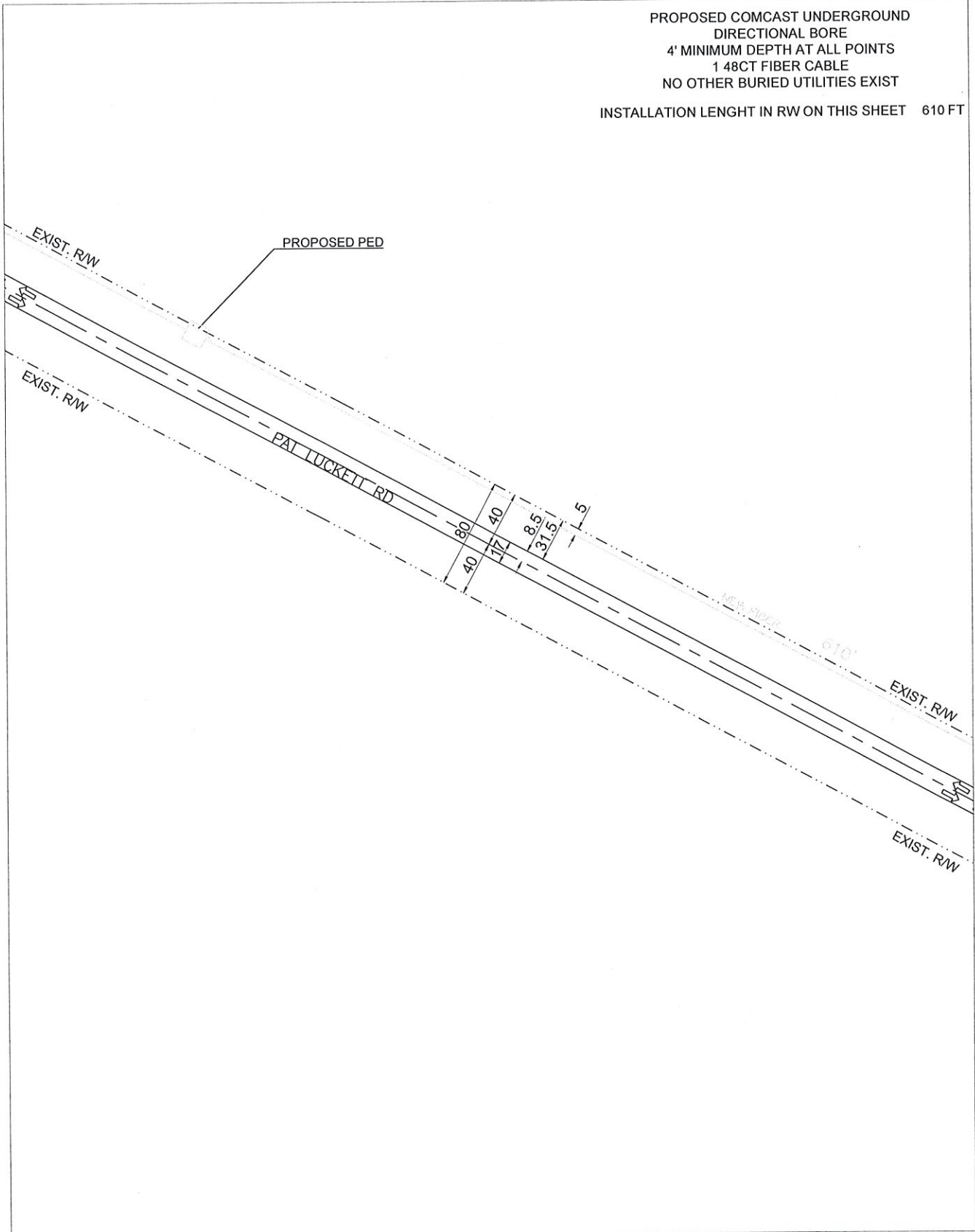
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| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE SHEET 4 OF 25 | | | |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGHT IN RW ON THIS SHEET 610 FT

MATCH SHEET 4



MATCH SHEET 6

NO MATCH SHEET

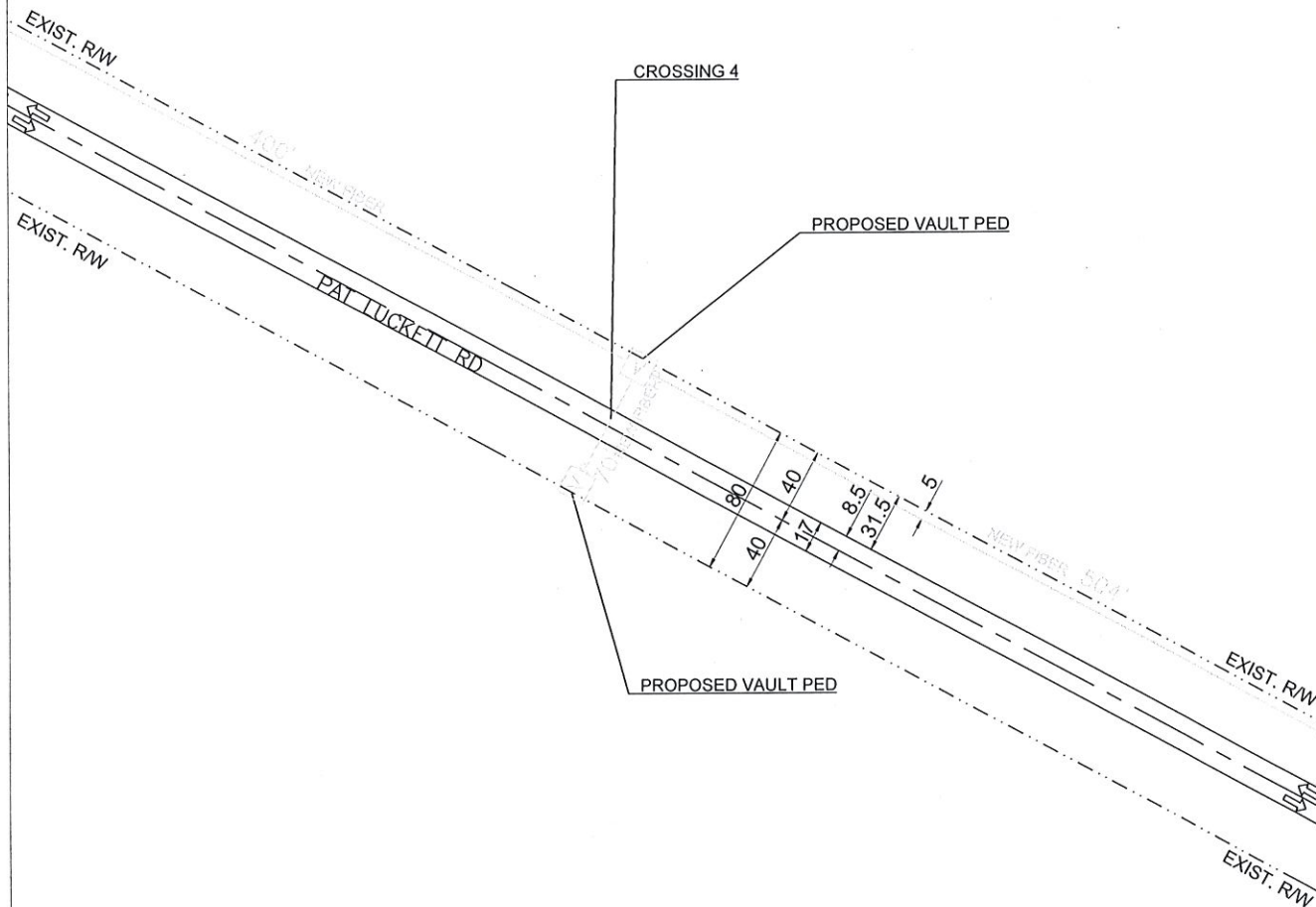
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| | LEGEND: RW - RIGHT OF WAY EQP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE SHEET 5 OF 25 | | | |

NO MATCH SHEET

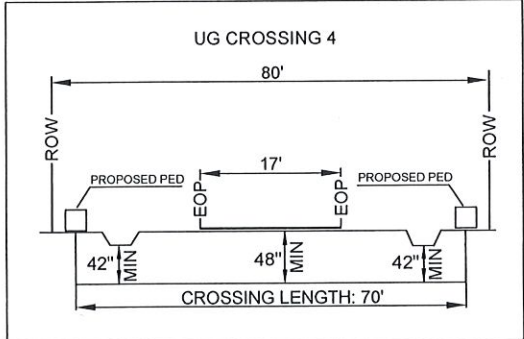
MATCH SHEET 5

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
4' MINIMUM DEPTH AT ALL POINTS
1 48CT FIBER CABLE
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 974 FT



MATCH SHEET 7



NO MATCH SHEET

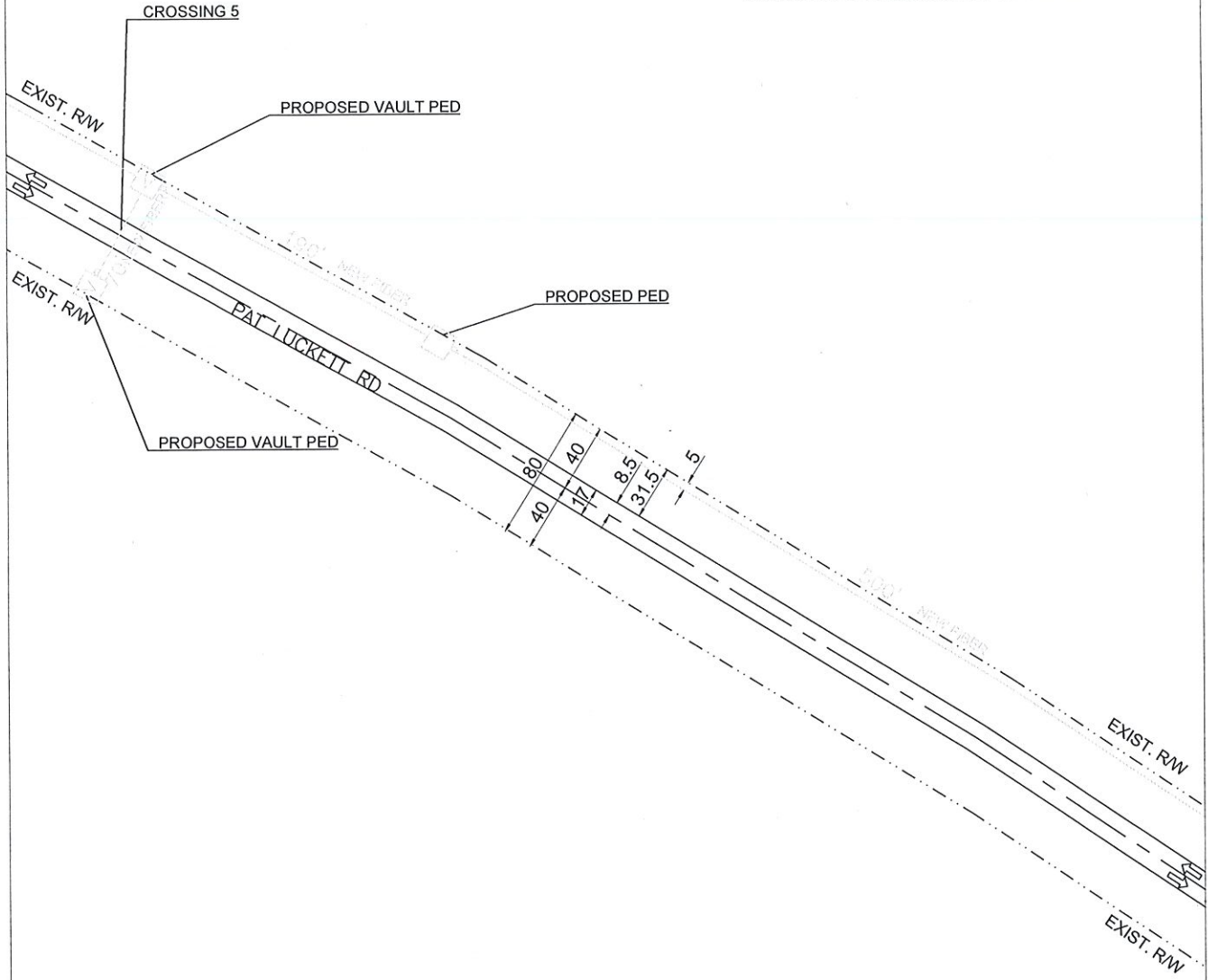
| | | | | | | | |
|---|---|--|--|--|---|--|--------------------------------------|
| <p>PREPARED BY:</p> <p>QUASAR, INC.</p> | <p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>PROPOSED VAULT</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p> | <p>RIGHT OF WAY LINE</p> <p>IRRIGATION LINE</p> <p>WATER LAINE</p> <p>GAS LAINE</p> <p>PROPOSED ANCHOR</p> <p>PROPOSED RISER</p> | <p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p> | | <p>ENGINEERED FOR:</p> <p>MADISON COUNTY</p> <p>PAT LOCKETT RD</p> <p>TRANSPORT FIBER</p> | | <p>NO SCALE</p> <p>SHEET 6 OF 25</p> |
| | <p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p> | <p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SOODED</p> | | | | | |

NO MATCH SHEET

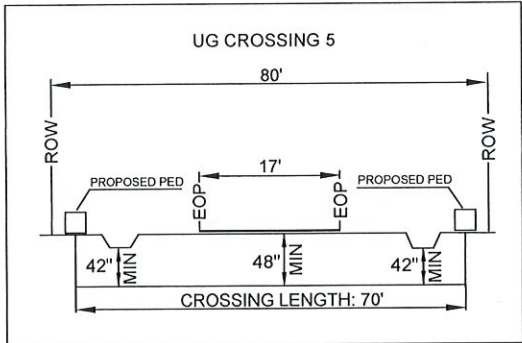
MATCH SHEET 6

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
4' MINIMUM DEPTH AT ALL POINTS
1 48CT FIBER CABLE
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 760 FT



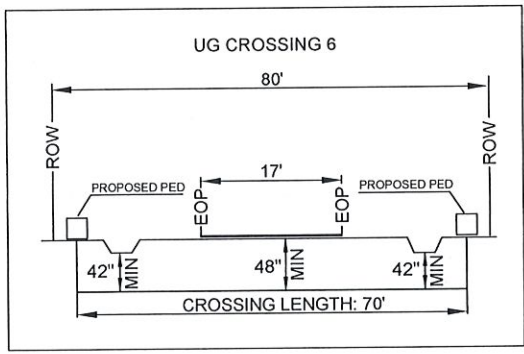
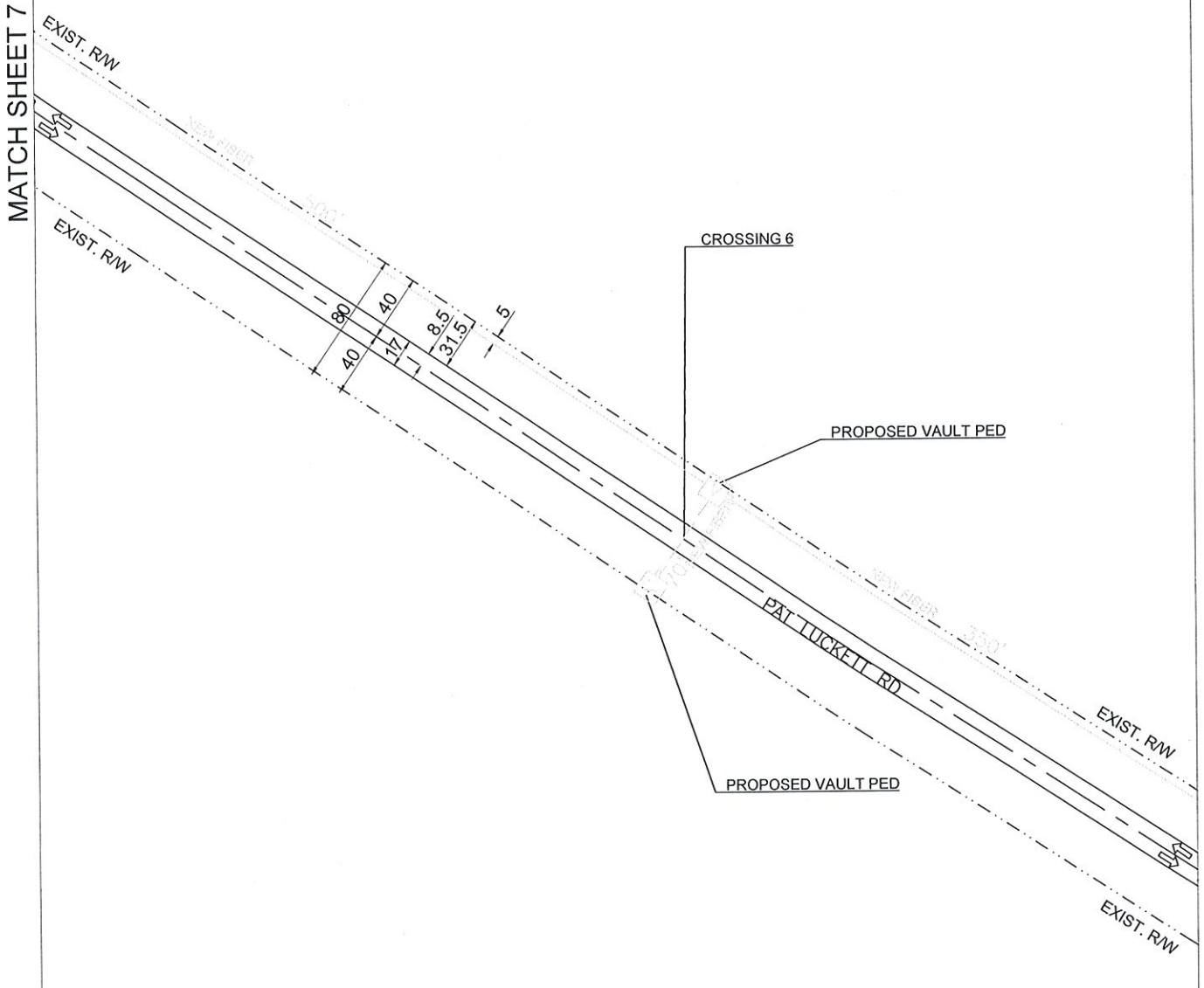
MATCH SHEET 8



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|----------------------|--|---|---|---------------|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKETT RD TRANSPORT FIBER |
| | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOGDED | | NO SCALE | SHEET 7 OF 25 | | |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGTH IN RW ON THIS SHEET 920 FT



NO MATCH SHEET

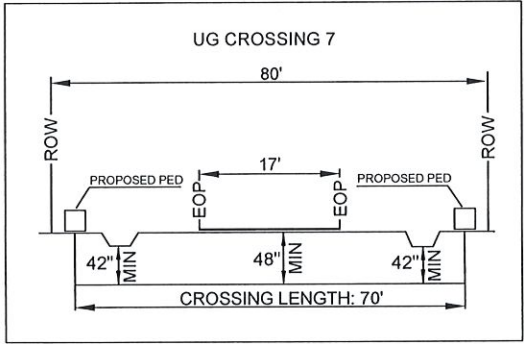
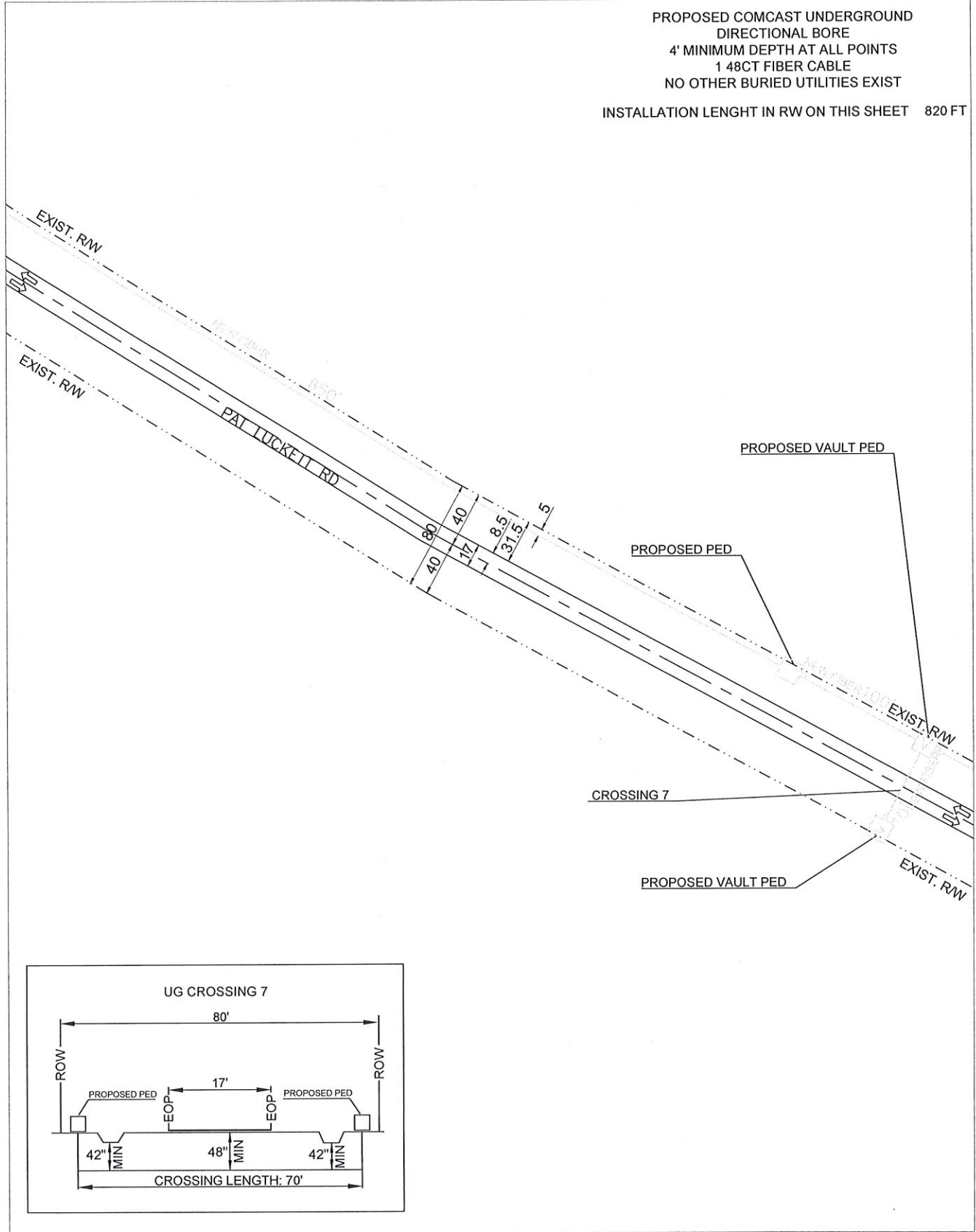
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| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: MADISON COUNTY PAT LOCKETT RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | | | NO SCALE SHEET 8 OF 25 |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGHT IN RW ON THIS SHEET 820 FT

MATCH SHEET 8

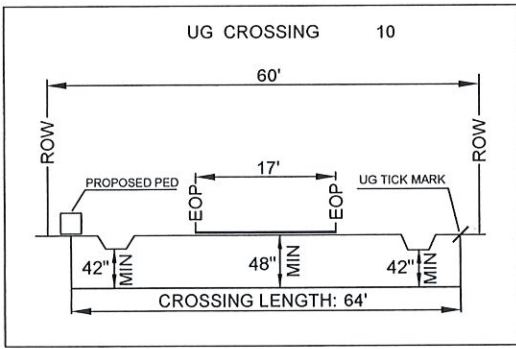
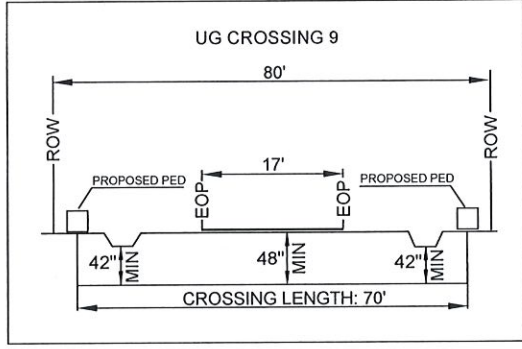
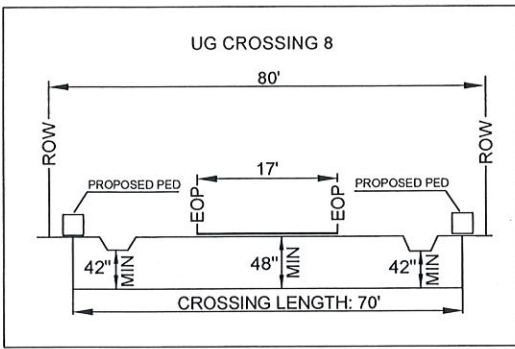
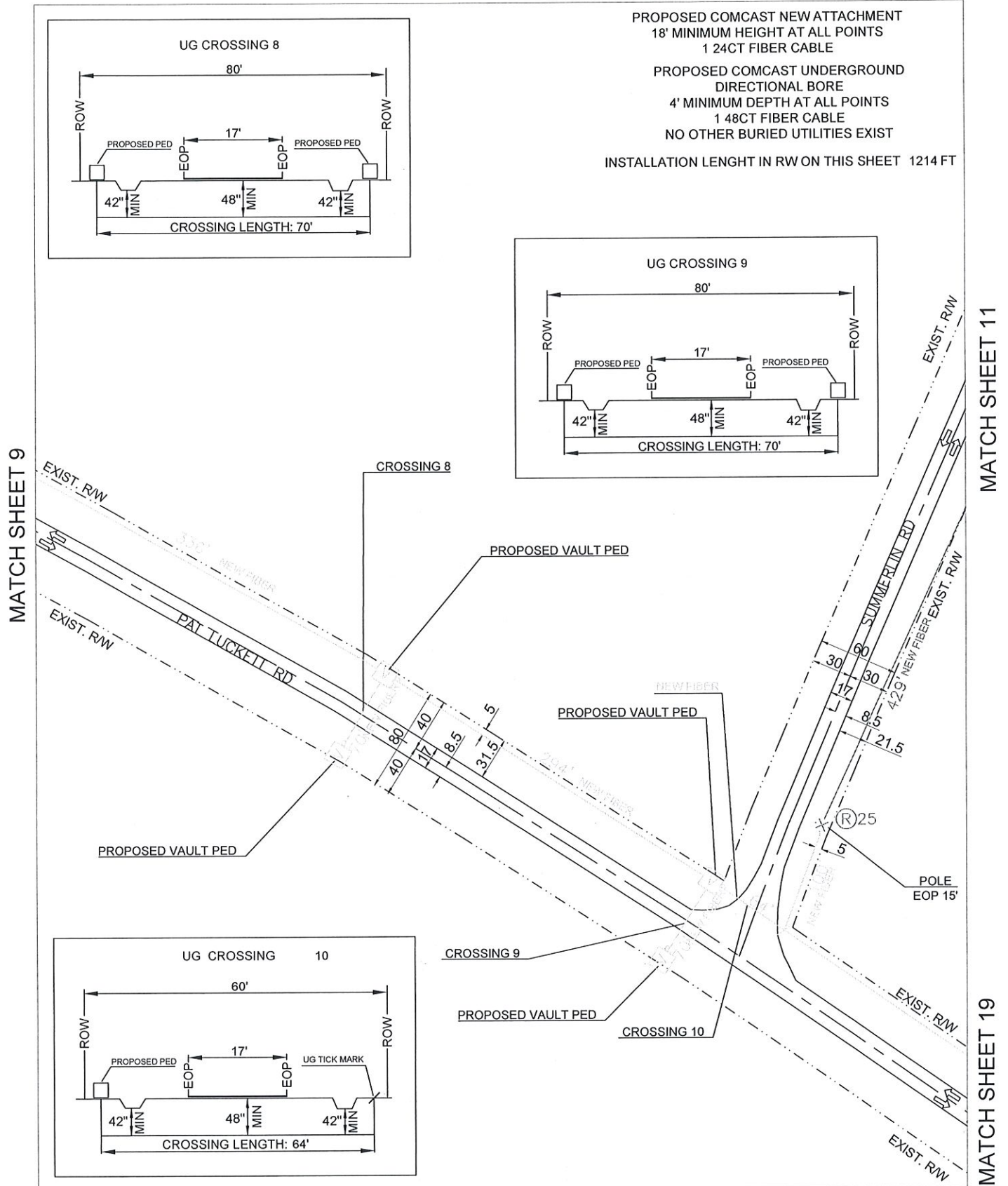
MATCH SHEET 10



NO MATCH SHEET

| | | | | | | |
|------------------|--|---|---|--|---------------------|--|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKET RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED | NO SCALE SHEET 9 OF 25 | | | |

NO MATCH SHEET



PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 48CT FIBER CABLE

NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 1214 FT

MATCH SHEET 9

MATCH SHEET 11

MATCH SHEET 19

NO MATCH SHEET

| | | | | | | |
|------------------|--|---|---|--|---------------------|--|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKETT RD, SUMMERLIN RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | | SHEET 10 OF 25 | |

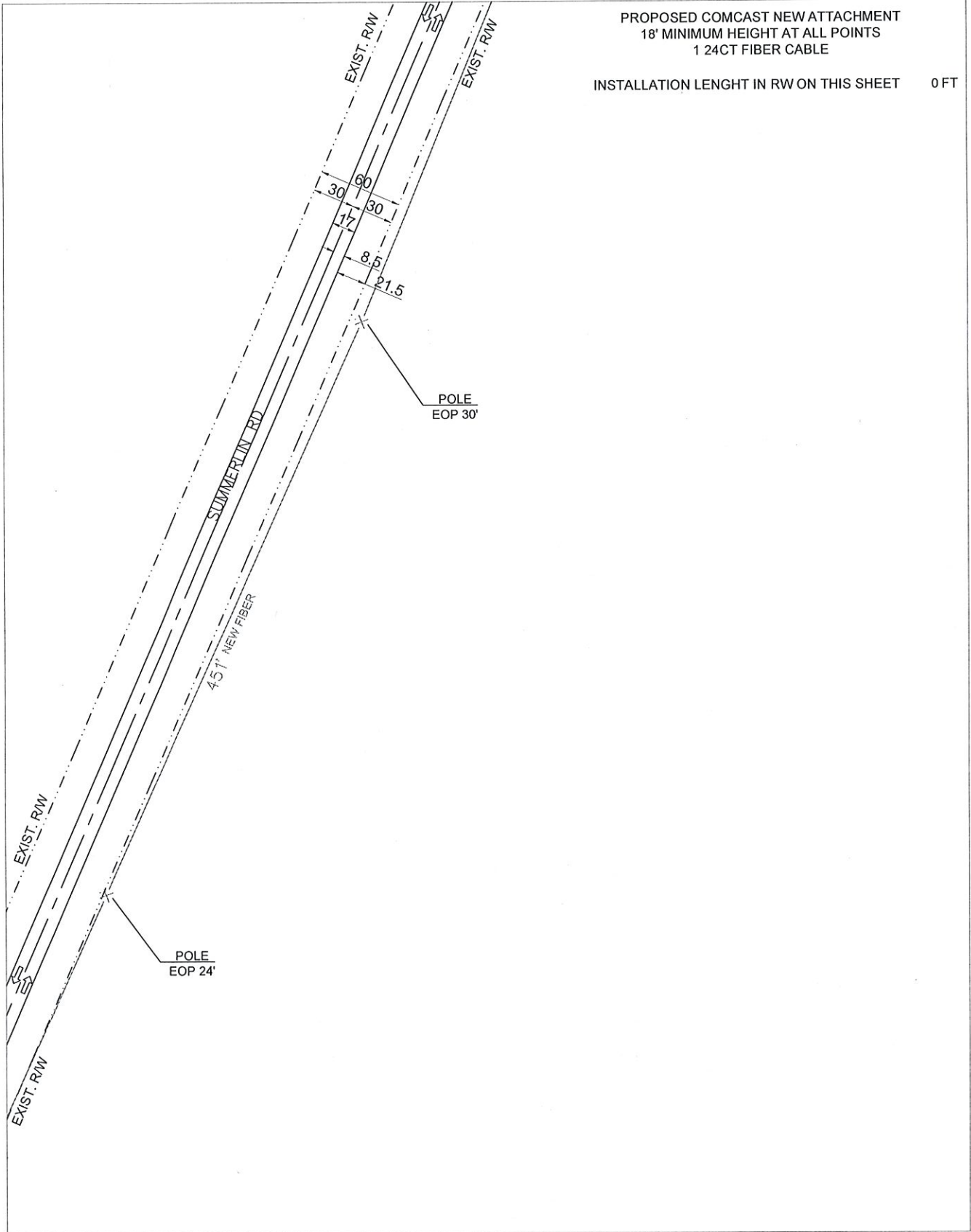
MATCH SHEET 12

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

INSTALLATION LENGHT IN RW ON THIS SHEET 0 FT

MATCH SHEET 10

NO MATCH SHEET



MATCH SHEET 19

| | | | | | | |
|----------------------|--|--|---|----------------|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER (R) 25 LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER |
| | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOGGED | | NO SCALE | SHEET 11 OF 25 | | |

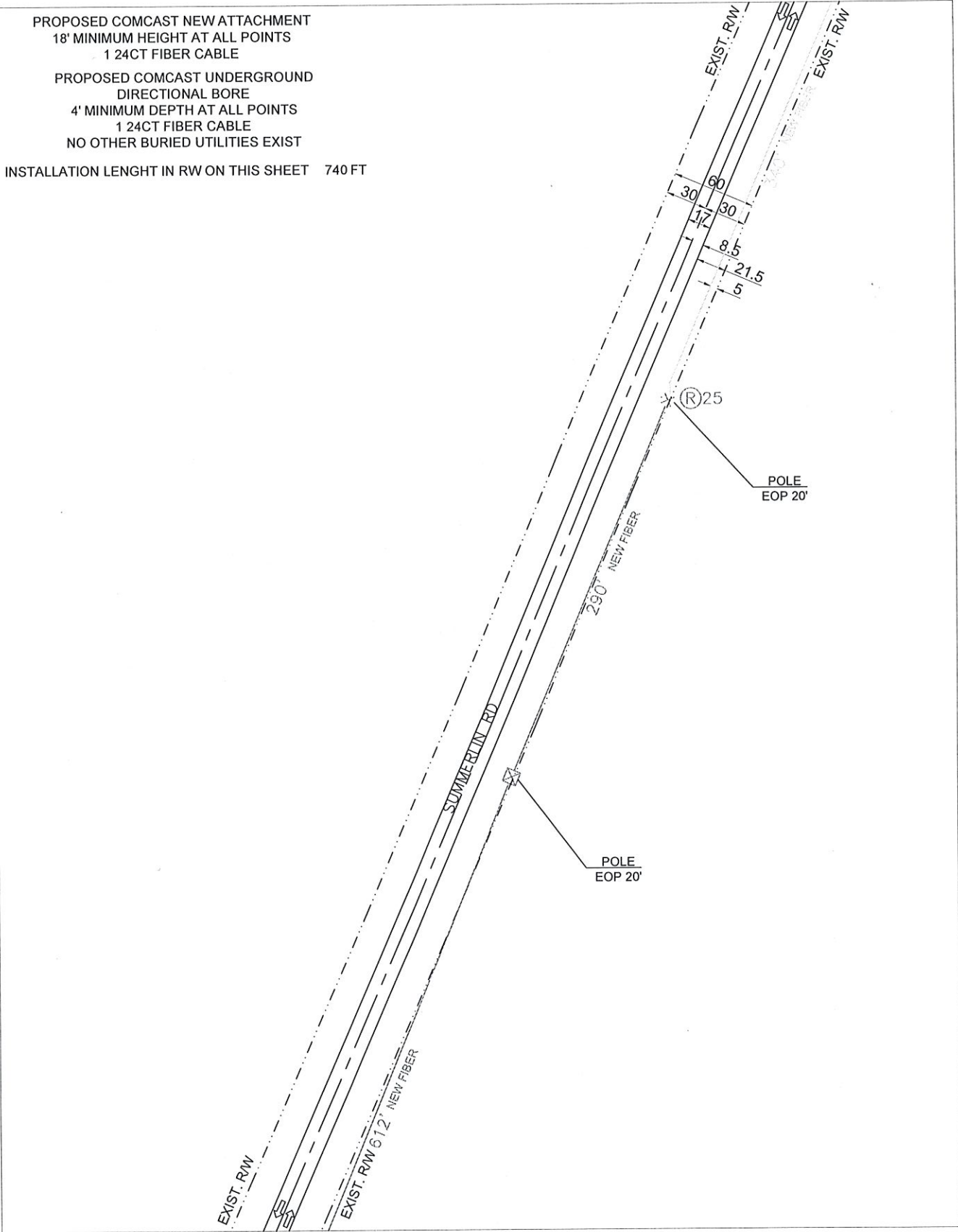
PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGHT IN RW ON THIS SHEET 740 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 11

| | | | | | | | | |
|----------------------|--|---|---|--|--|--|----------|----------------|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER | | NO SCALE | SHEET 12 OF 25 |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED | | | | | | |

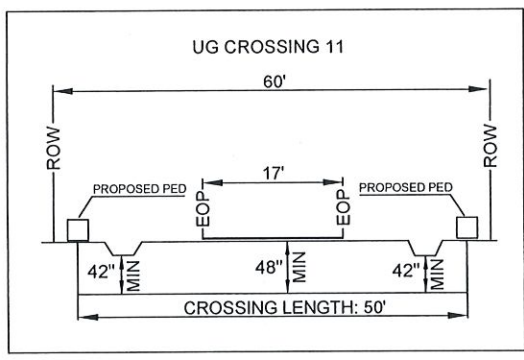
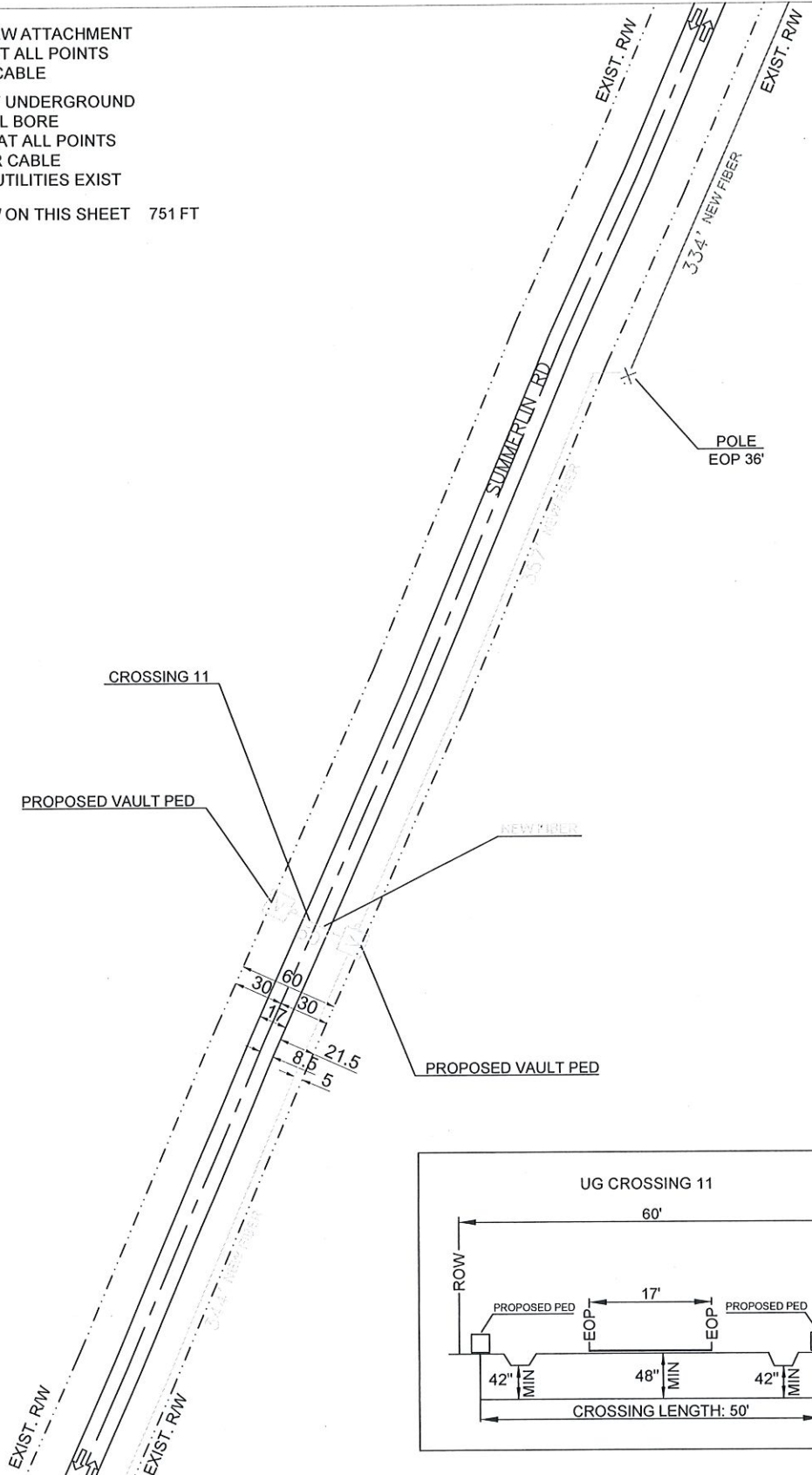
PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 751 FT

NO MATCH SHEET

NO MATCH SHEET

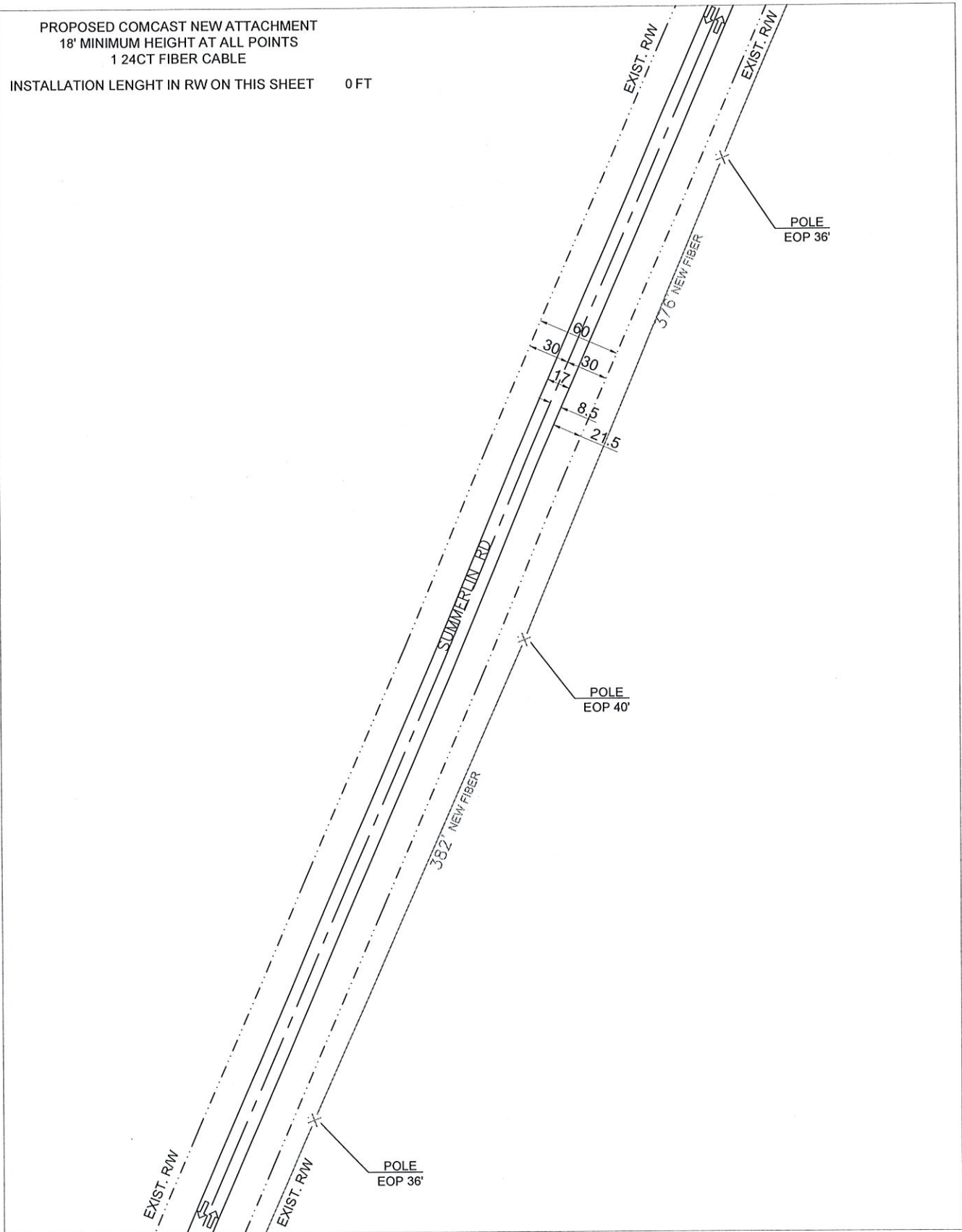


| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOGGED | NO SCALE | | SHEET 13 OF 25 | |

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT

NO MATCH SHEET

NO MATCH SHEET



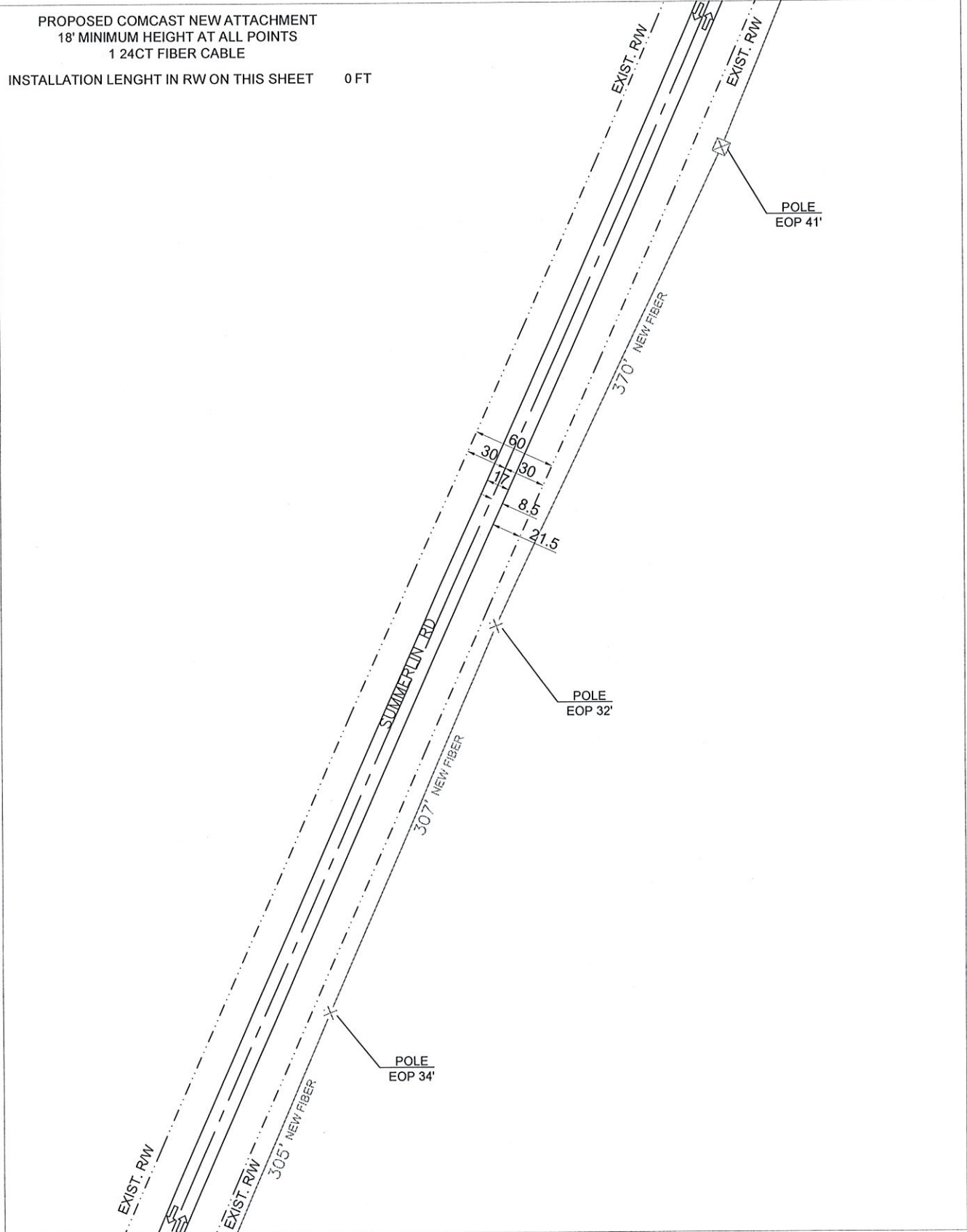
MATCH SHEET 13

| | | | | | | | | |
|----------------------|--|---|---|--|--|--|----------|----------------|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER | | NO SCALE | SHEET 14 OF 25 |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED | | | | | | |

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 INSTALLATION LENGHT IN RW ON THIS SHEET 0 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 14

| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | | SHEET 15 OF 25 | |

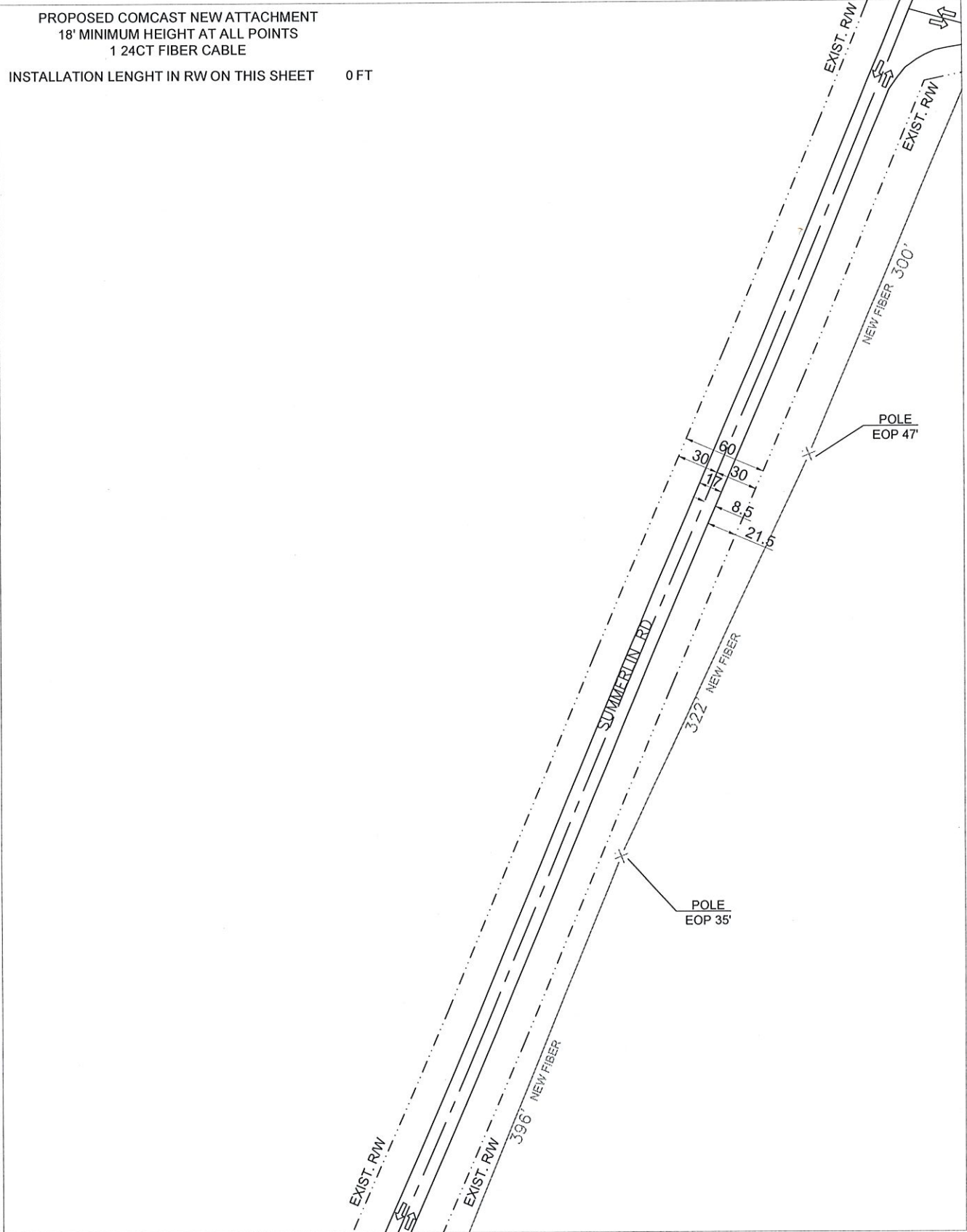
NO MATCH SHEET

MATCH SHEET 17

PROPOSED COMCAST NEW ATTACHMENT
18' MINIMUM HEIGHT AT ALL POINTS
1 24CT FIBER CABLE

INSTALLATION LENGHT IN RW ON THIS SHEET 0 FT

NO MATCH SHEET



MATCH SHEET 15

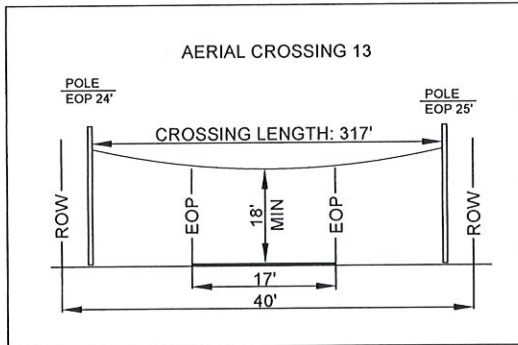
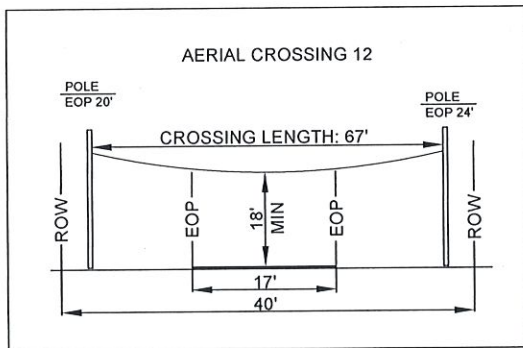
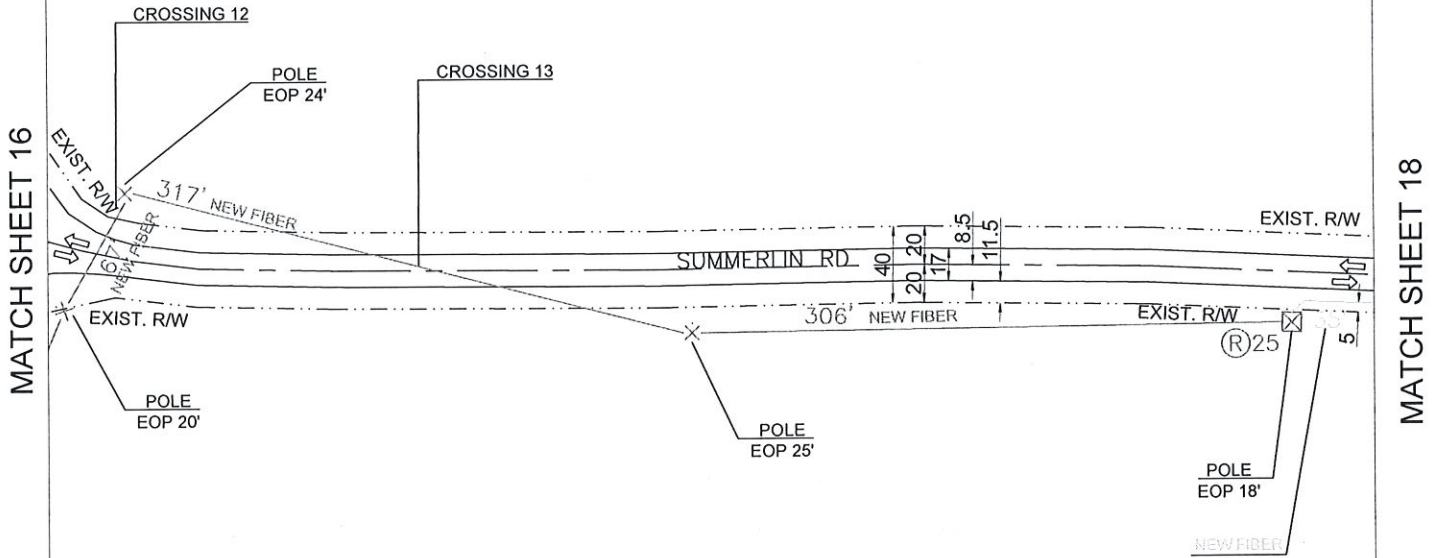
| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER (R) 25 | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOCCED | NO SCALE SHEET 16 OF 25 | | | |

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 240 FT



NO MATCH SHEET

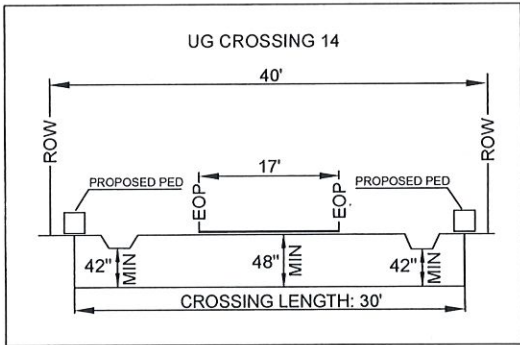
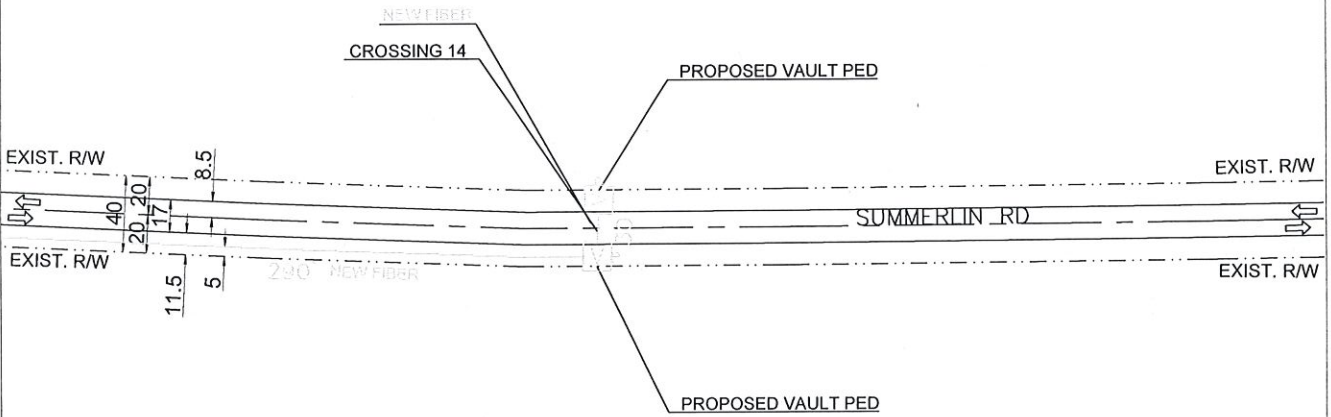
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|----------------------|--|---|---|--|--|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOCCED | | | NO SCALE SHEET 17 OF 25 |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGTH IN RW ON THIS SHEET 320 FT

MATCH SHEET 17

NO MATCH SHEET



NO MATCH SHEET

| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY SUMMERLIN RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | | SHEET 18 OF 25 | |

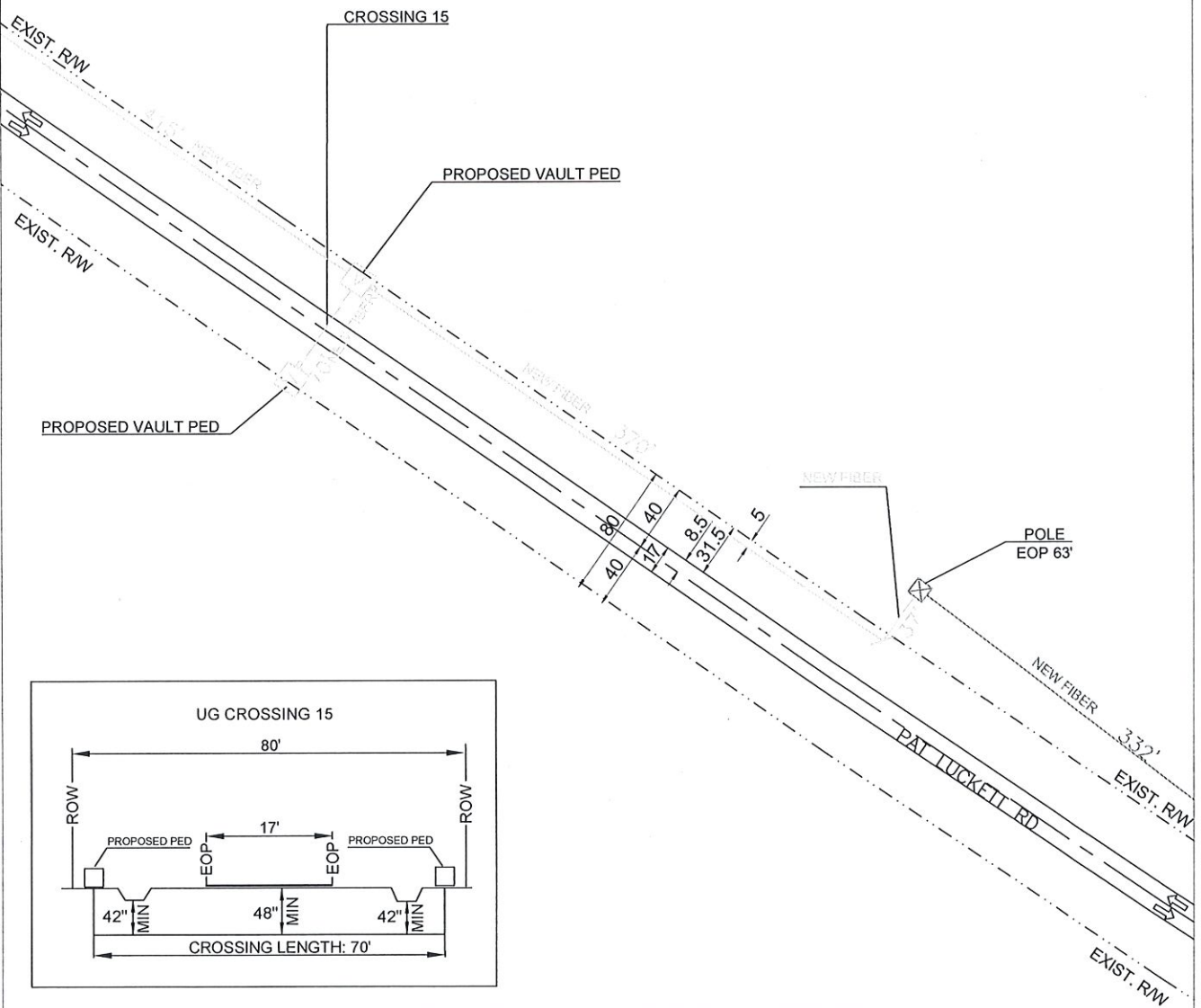
MATCH SHEET 11

PROPOSED COMCAST NEW ATTACHMENT
18' MINIMUM HEIGHT AT ALL POINTS
1 48CT FIBER CABLE

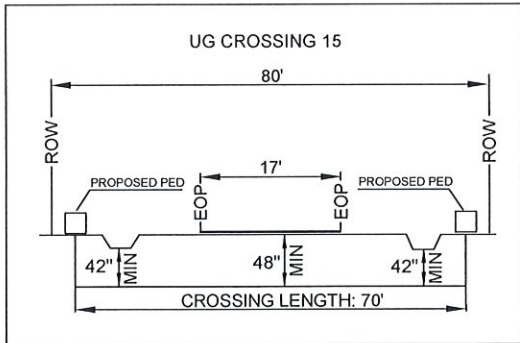
PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
4' MINIMUM DEPTH AT ALL POINTS
1 48CT FIBER CABLE
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 860 FT

MATCH SHEET 10



MATCH SHEET 20



MATCH SHEET 21

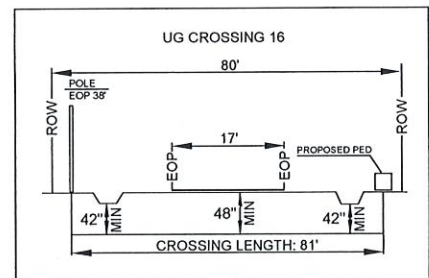
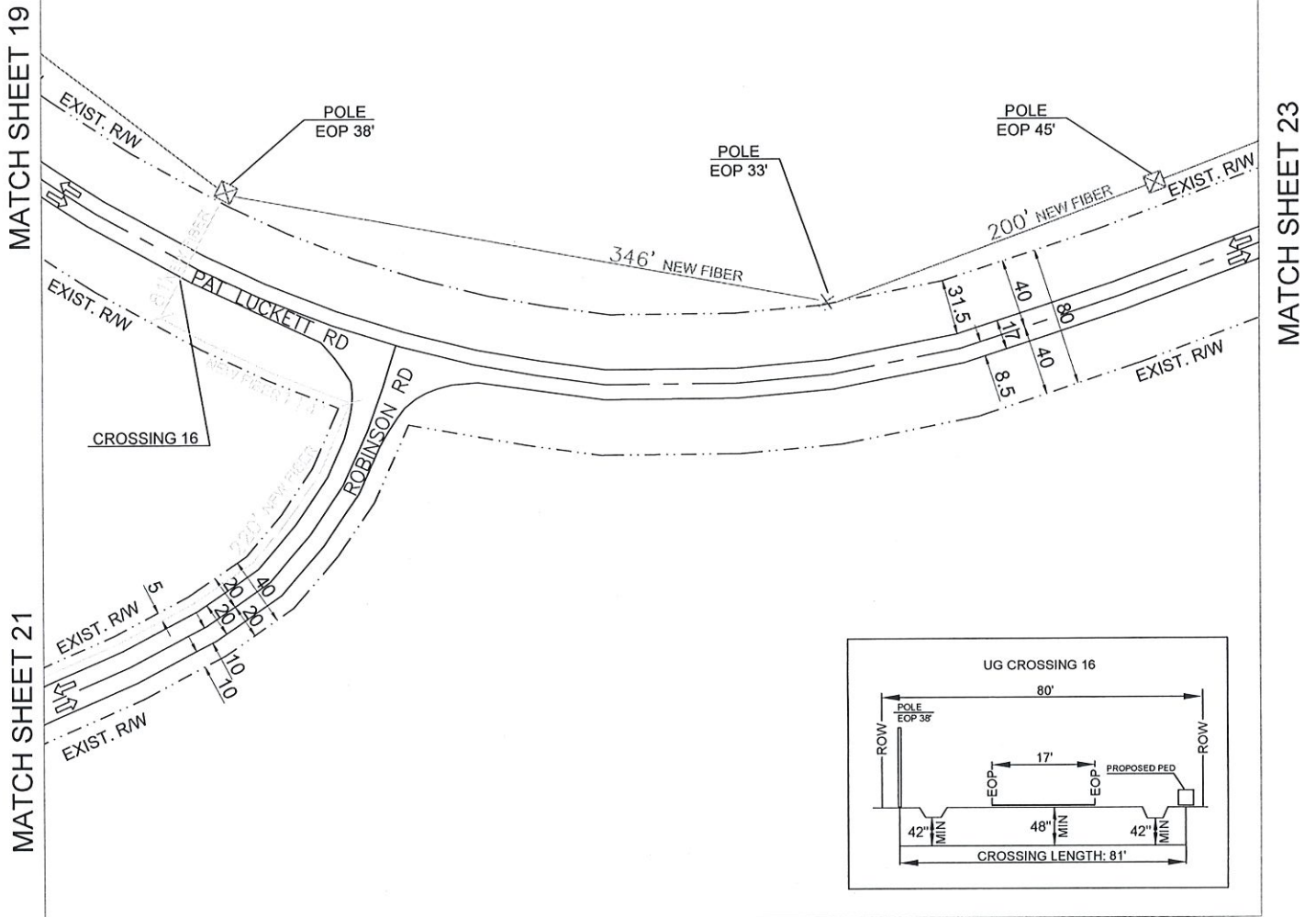
| | | | | | | | | |
|----------------------|--|---|---|--|--|--|----------|----------------|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: MADISON COUNTY PAT LOCKETT RD TRANSPORT FIBER | | NO SCALE | SHEET 19 OF 25 |
| | | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | | | | | | |

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 1 48CT FIBER CABLE

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 409 FT



NO MATCH SHEET

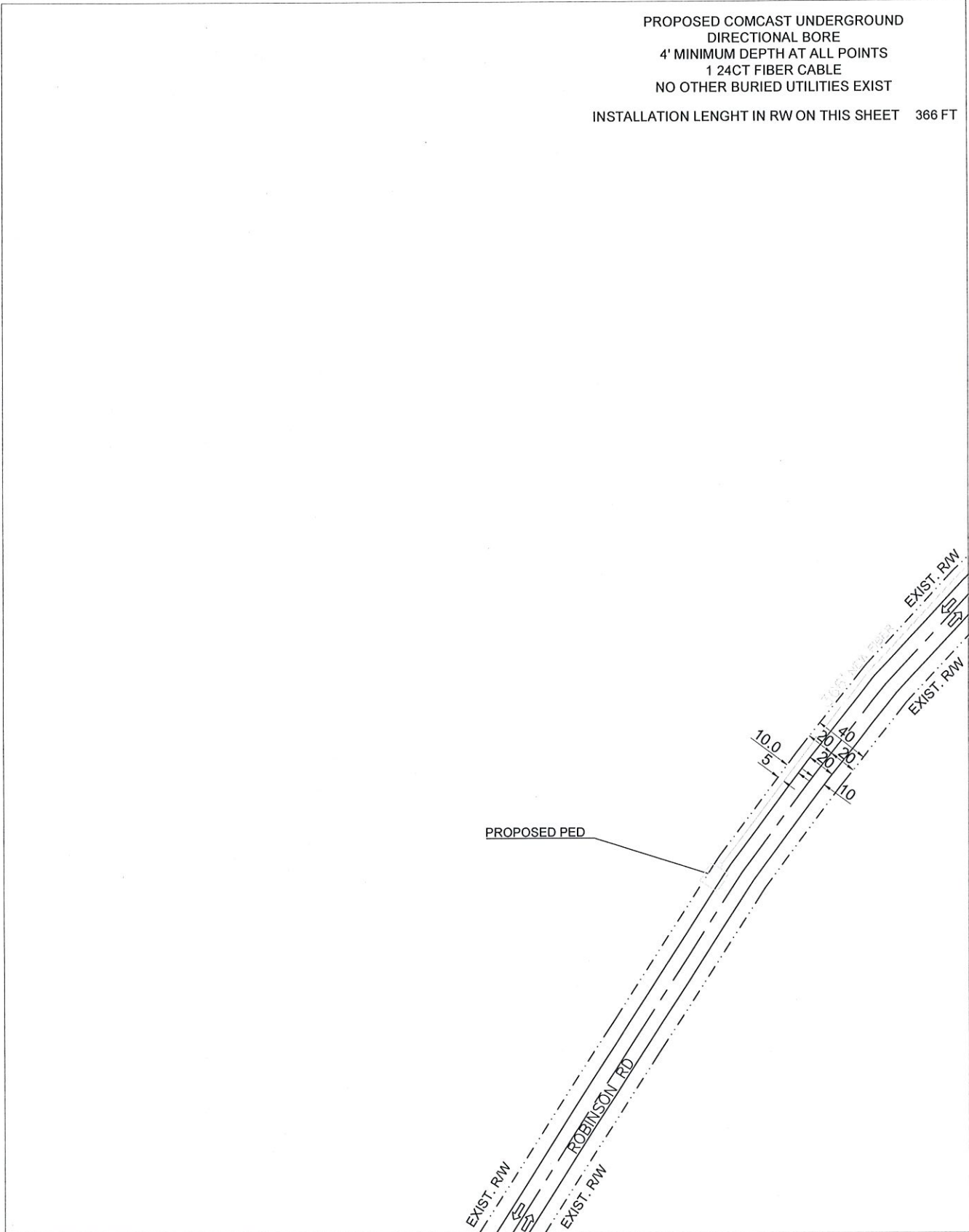
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| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKETT RD, ROBINSON RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | | SHEET 20 OF 25 | |

NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST
 INSTALLATION LENGHT IN RW ON THIS SHEET 366 FT

NO MATCH SHEET

MATCH SHEET 21



NO MATCH SHEET

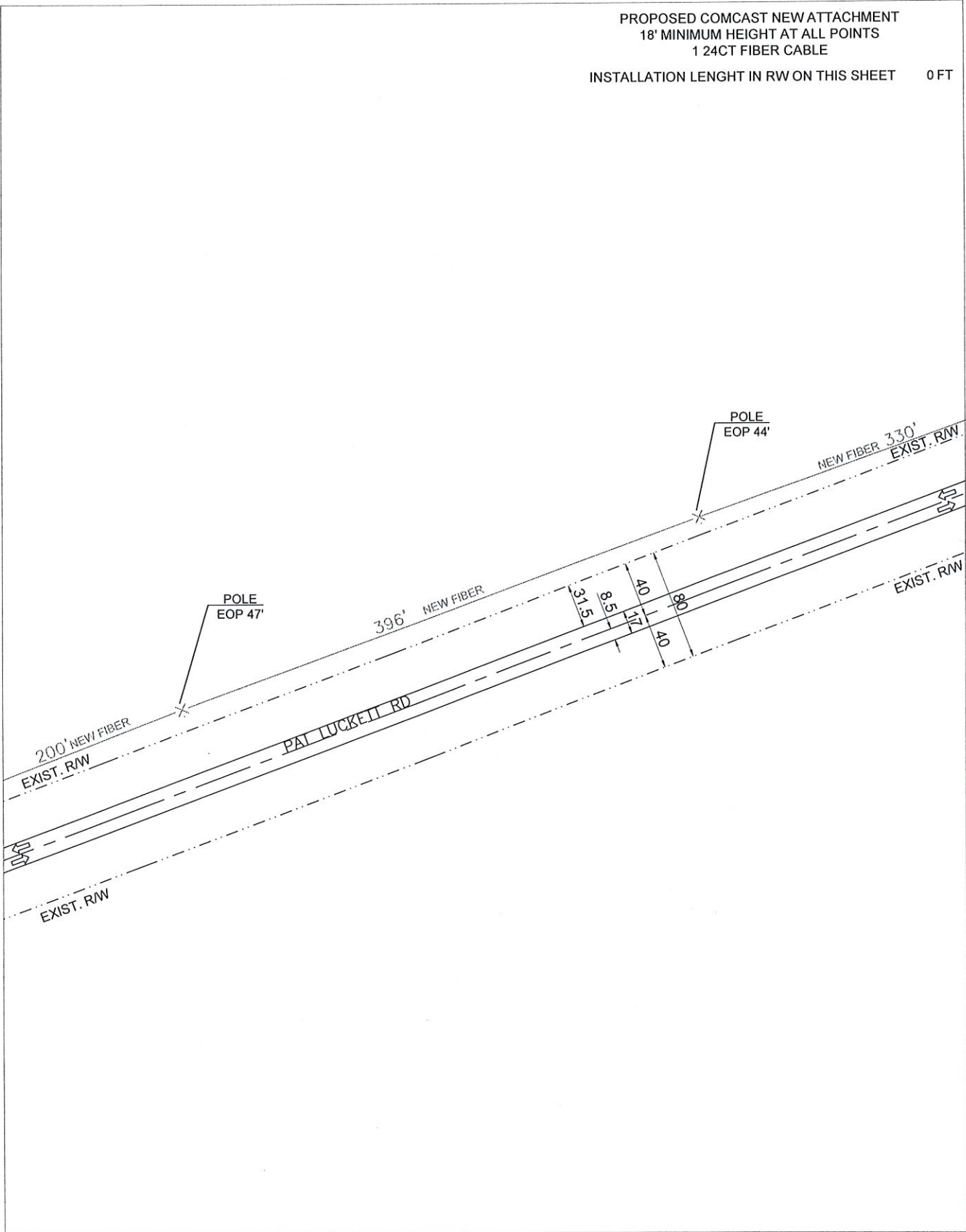
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|----------------------|--|---|---|--|-------------------------|--|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LAJE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY ROBINSON RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE SHEET 22 OF 25 | | | |

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT

MATCH SHEET 20

MATCH SHEET 24



NO MATCH SHEET

| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LOCKETT RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DAV - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE SHEET 23 OF 25 | | | |

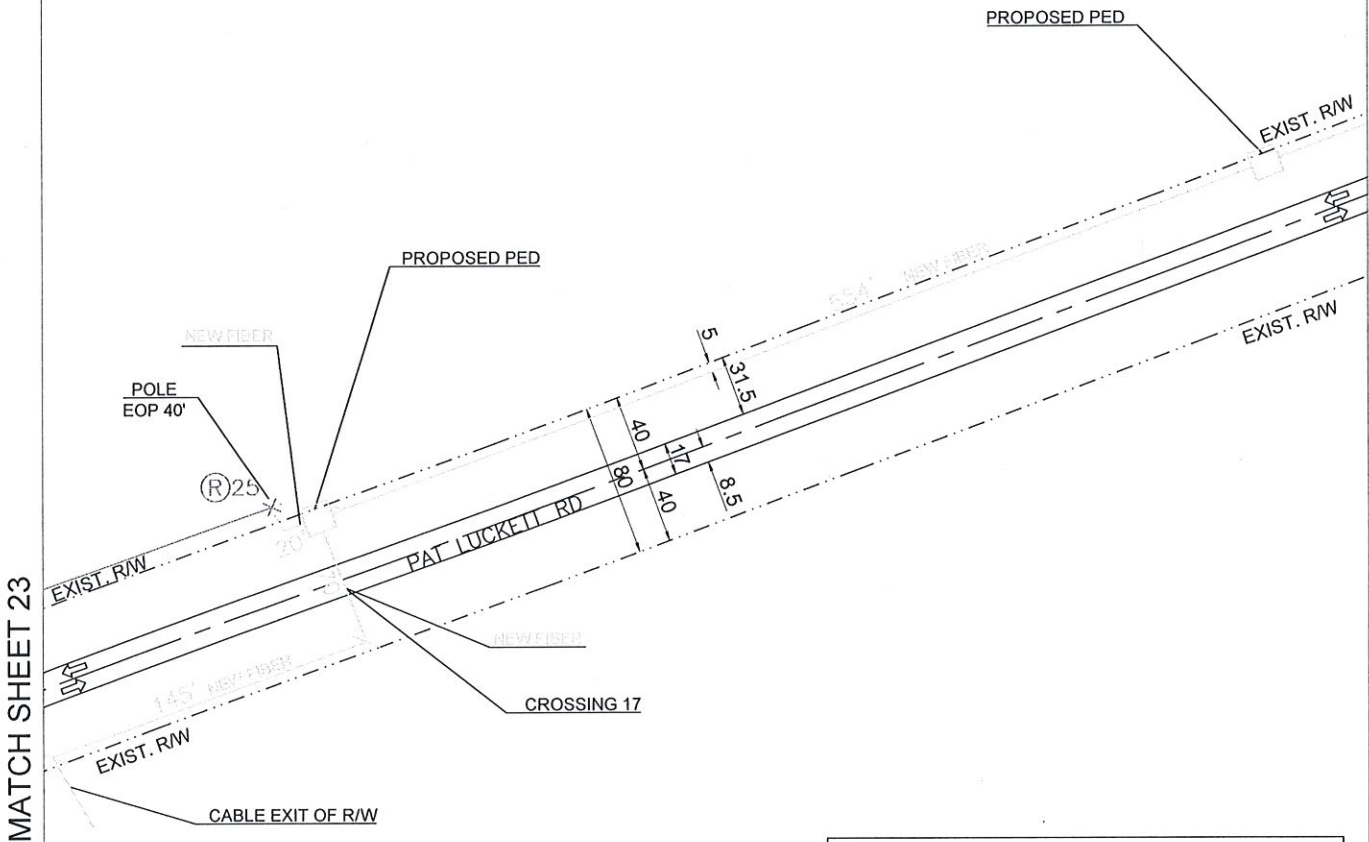
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE

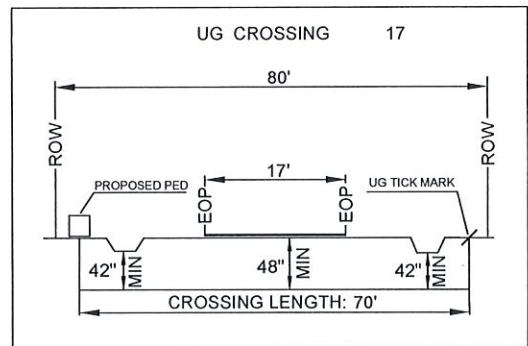
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGHT IN RW ON THIS SHEET 779 FT



MATCH SHEET 23

MATCH SHEET 25



NO MATCH SHEET

| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKETT RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | | SHEET 24 OF 25 | |

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

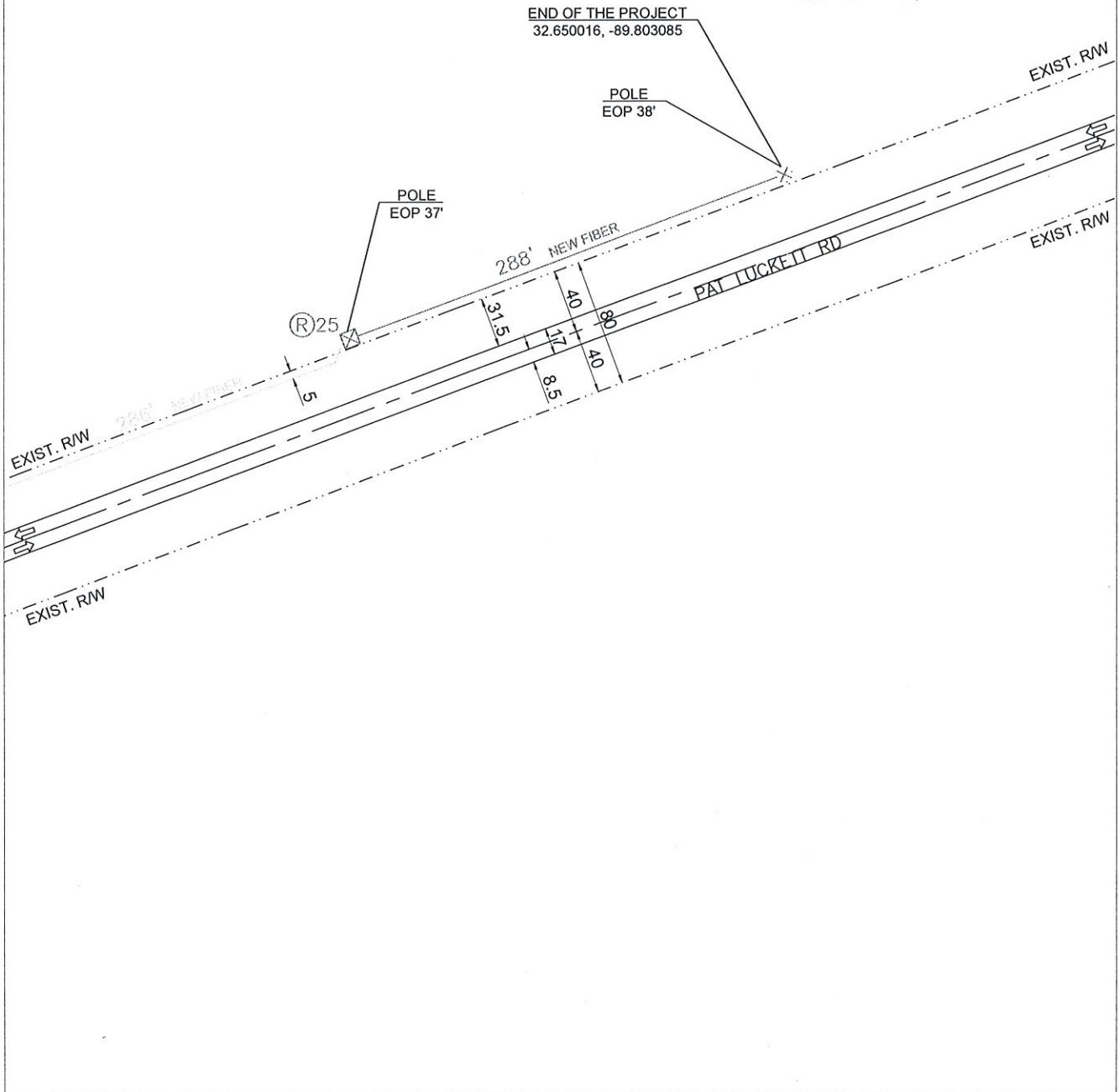
PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 4' MINIMUM DEPTH AT ALL POINTS
 1 24CT FIBER CABLE
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGHT IN RW ON THIS SHEET 286 FT

TOTAL INSTALLATION LENGHT 14315 FT
 AERIAL: 890 FT
 UG: 13425 FT
 START 32.661042, -89.835492
 END 32.650016, -89.803085

MATCH SHEET 24

NO MATCH SHEET



NO MATCH SHEET

| | | | | | | |
|----------------------|--|---|---|--|-------------------------|---|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE | | ENGINEERED FOR: | MADISON COUNTY PAT LUCKETT RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | | SHEET 25 OF 25 | |