



Department of Land Use and Transportation  
Operations and Maintenance Division  
1400 SW Walnut Street, MS 51  
Hillsboro, OR 97123  
Phone: 503-846-7623 / Fax: 503-846-7620

**Inspection Request Line (IVR)**

**Codes:** 950 Operations Interim, 951 Operations Final

**IVR:** 503-846-3699

**Online:** <http://washcooraca.com>

## Permit 221403

Right-of-Way Utility	Issued
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**Description:**

20900 SW Kruger Rd - Utility Sherwood Broadband proposes to construct new underground and aerial facilities  
Construct New Facility

Street/Road Information	Key Dates
<b>Site Address:</b> 20900 SW KRUGER RD	<b>Accepted Date:</b> 07/29/2022
<b>Location:</b> 20900 SW Kruger Rd - Utility	<b>Issued Date:</b> 08/11/2022
<b>Nearest Cross Street:</b> SW Mountain Home Rd	<b>Proposed Start:</b> 08/15/2022
<b>Parcel:</b>	<b>Estimated Completion:</b> 02/15/2023
<b>Subdivision:</b>	<b>Expiration Date:</b> 08/11/2023

<b>Applicant:</b> Sherwood Broadband 22560 SW Pine St Sherwood OR 97140 5038054385 <a href="mailto:crawfordb@sherwoodoregon.gov">crawfordb@sherwoodoregon.gov</a>	<b>Contractor:</b> Sherwood Public Works 15527 SW Willamette St Sherwood OR 97140 5032179017 <a href="mailto:sattlerr@sherwoodoregon.gov">sattlerr@sherwoodoregon.gov</a>
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### Special Conditions

1. Please call the inspection request line for start work, sidewalk and curb form inspection, and any other questions you might have regarding this permit. If work is interrupted and restarted call the inspection request line for start.
2. The authorized lane restrictions under this permit are from 8:00AM to 5:00PM.
3. Any damage to the asphalt road surface is to be repaired with an approved asphaltic material. If steel plates are needed, please apply for a steel plate permit at [washcooraca.com](http://washcooraca.com).
4. All sidewalk repairs are to be full panel replacement. (i.e. joint to joint). The work area is to be barricaded and an ADA compliant alternate pedestrian route provided.
5. All curb/curb and gutter repairs are to be full segment replacement. (i.e. joint to joint).
6. This permit is for Washington County Right-of-Way only, other permits may be required.
7. Traffic control must be adjusted to meet conditions in field.
8. Repair utility core holes in accordance with Utility Locate Core Detail.
9. ALL VEHICLES, MATERIALS, AND EQUIPMENT MUST BE REMOVED FROM RIGHT OF WAY AT END OF EACH DAY
10. PICTURES MUST BE SUPPLIED OF CORE HOLE FILLING WITH CDF IN THE ROADWAY. CORE HOLES BE MARKED SO THEY CAN BE IDENTIFIED FROM PICTURES IN FIELD AT FINAL INSPECTION. OR MUST INSPECTION MUST BE SCHEDULED OF CORE HOLE FILLING.

**Important Notice**

- A) This permit is only valid when issued with the approved plans, the attached General Conditions, the above Special Conditions, and any other specified attachments or requirements.
- B) Additional fees may be required if there is a substantial change in the scope of work requiring further review by Washington County or if more than three site visits are needed for inspection purposes.
- C) If this permit expires without an approved final inspection or if the requirements of this permit have not been met to the satisfaction of Washington County, a notice may be placed in the property record related to the permit status which could delay the issuance or closure of other permits.
- D) Failure to comply with the terms and conditions of this permit may result in a code violation citation or other legal action necessary to enforce the terms of the permit.



## GENERAL CONDITIONS For Permits To Work in Washington County Right-of-Way

1. Comply with these General Conditions unless otherwise allowed, in writing, or modified by the Special Conditions or Special Provisions contained within this permit.
  2. This permit does not authorize any activity on privately owned property or public rights-of-way not under the control and jurisdiction of Washington County.
  3. Failure to comply with any term or condition of this permit shall be cause for the County to revoke, annul, terminate, suspend, revise or amend this permit or issue code violation citation or take any legal action necessary to correct the violation. All costs associated with work stoppage or revocation as provided herein are the responsibility of the Permittee.
  4. Follow the direction of Washington County if actual site conditions warrant the need to modify any previously approved construction, traffic control, or erosion control plan. Washington County reserves the right to make changes to the permit and approved supplementary documents including any and all plans at any given time. If submitted plans were prepared by an engineer, submit as built plans to Washington County at project completion.
  5. Obtain County approval prior to modifying the scope of the permitted work.
  6. Communicate and coordinate, as needed, with adjacent residents, businesses, and other service providers (i.e. utilities, transit providers, garbage haulers, etc.) that may be impacted by the work associated with this permit.
  7. Comply with all applicable city, county, state and federal laws and regulations associated with the performance of the work authorized by this permit. Laws and regulations listed in these General Conditions or the Special Provisions are for courtesy purposes only. These listings are not intended to be comprehensive. It is the responsibility of the Permittee and those performing the work to be knowledgeable about all applicable laws and regulations.
  8. Washington County has the authority to designate the location where lines, fixtures and facilities may be located, and subject to ORS 758.025 may order the location of any such line, fixture or facility to be changed when deemed expedient by the County. Any line, fixture or facility erected or remaining in a different location upon such road than that designated in any order of the County is a public nuisance and may be abated accordingly.
  9. Obtain any other permits, licenses, or authorizations required by other utilities, public agencies, or organizations for performing work authorized under this permit.
  10. ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0100. You may obtain copies of the rules by calling the center. The telephone number for the Oregon Utility Notification Center is (503) 232-1987, (800) 332-2344, or 811. You can also visit [www.digsafelyoregon.com](http://www.digsafelyoregon.com) for more information. The Oregon Utility Notification Center One Call locates telephone number in the greater Portland Metropolitan area is (503) 246-6699.
  11. Permittee shall contact the County, using one of the *Contact Options* below, at least one (1) business day prior to the following milestones:
    - a) Start of construction – For notification purposes only. Formal inspection not required to commence construction. Indicate that inspection request is for start of construction.
    - b) Concrete form inspection – Concrete shall not be placed until forms have passed formal inspection.
    - c) Pre-paving inspection – Paving shall not be performed until site has passed formal inspection.
    - d) A break in construction greater than three (3) days (excluding holidays and weekend) – For notification purposes only.
    - e) Completion of construction – Use "Final" inspection code to request inspection after all permitted work is complete.
- Contact Options:

1) Phone: (503) 846-3699	}	Be prepared to have your permit number and inspection code available for entry into the automated system(s).
2) Online: <a href="http://washcooraca.com">http://washcooraca.com</a>		
12. Thirty (30) days prior to the expiration of the permit the Permittee shall contact the County at 503-846-7623 and provide an update and status of the permitted work, if the work has not been completed. If the work will not be completed prior to permit expiration, the Permittee shall request an extension for the permit or risk having to re-apply for a new permit with new fees and requirements associated with the work.
  13. Construct the permitted activity with materials, equipment, labor, and workmanship to meet or exceed the relevant specifications established in the Washington County *Road Design and Construction Standards* (Ordinance #738 as adopted January 27, 2011), the 2018 Oregon Standard Specifications for Construction, and any special conditions or provisions established by this permit. Ensure quality control is maintained for all work performed and correct any work that does not meet the minimum standards and specifications.



## GENERAL CONDITIONS For Permits To Work in Washington County Right-of-Way

14. Establish and maintain work zone traffic control in compliance with the *Oregon Temporary Traffic Control Handbook for Operations of Three Days or Less* (December 2011) any time vehicle or pedestrian traffic is influenced by the work. For work requiring devices in place longer than three (3) days, a site specific traffic control plan based on the principles in Part 6 of the MUTCD, the Oregon Supplement and ODOT's 2015 Standard Drawings TM800 – TM871, is required. All traffic control devices shall meet or exceed the NCHRP 350 requirements for crashworthiness. Completed signal shut down requests must be received by the County a minimum of 3 working days prior to any proposed signal shut down.
15. Accommodate all road users at all times including motorists, bicyclists, pedestrians, and those with disabilities or impairments. Install and maintain additional temporary signing and traffic control devices for the control of non-motorized vehicles and pedestrians where a reasonable volume of these users are expected and where work is expected to last longer than one hour. Maintain safe accessibility or provide suitable alternate routes in, through, or around work areas.
16. Limit work & activity (construction, restoration, erosion control, etc) to no more than 1,000 lineal feet at any one time.
17. Impact no more than one consecutive intersection at a time.
18. Do not store or park any equipment, vehicles, or materials in the right-of-way overnight unless approved by Washington County.
19. Utilize construction materials and methods to maintain at least one travel lane at all times. Adjust work zone to ensure no vehicles are stopped, held or restricted for more than fifteen (15) minutes. Lane restrictions may be allowed in accordance with an approved traffic control plan and according to the following table:

Functional Classification	Mon – Fri (except on day preceding holiday)		Day preceding a holiday
	Earliest Start Time	Latest End Time	Latest End Time
Arterial	9:00 a.m.	3:30 p.m.	12:00 p.m.
Collector/ Neighborhood Route	8:30 a.m.	4:00 p.m.	
Local	8:00 a.m.	5:00 p.m.	

20. Suspend work on the following holidays: **New Year's Day** (Jan 1), **Martin Luther King Day** (3rd Mon in Jan), **President's Day** (3rd Mon in Feb), **Memorial Day** (last Monday in May), **Independence Day** (Jul 4), **Labor Day** (1st Monday in Sept), **Veteran's Day** (Nov 11) **Thanksgiving** (4th Thursday & 4th Friday in Nov), **Christmas Day** (Dec 25).  
When a holiday falls on a Saturday, the observed holiday is the preceding Friday.  
When a holiday falls on a Sunday, the observed holiday is the following Monday.
21. Comply with Washington County's *Best Management Practices for Routine Road Maintenance* (December 2010) as well as Clean Water Services' *Erosion Prevention and Sediment Control Standards* and the appropriate best management practices outlined in Clean Water Services' *Design and Construction Standards*.  
  
Ensure all equipment is clean and leak free with sufficient and appropriate spill prevention and clean up materials on site and the personnel involved with the permitted activity are familiar with and proficient in the use of these materials. When not being actively used for the permitted activity, remove construction equipment from the right-of-way. Do not park, re-fuel, or service equipment or store hazardous materials directly over or uphill from catch basins, drainage inlets, or manholes or within 150 feet of any wetland, waterway, or resource water. When reasonably available, re-fuel over an impervious surface and use absorbent pads to collect spilled fuel.  
  
Install and maintain appropriate erosion and sediment control devices, in accordance with an approved Erosion and Sediment Control Plan (ESCP) to ensure that all catch basins, drainage inlets, manholes, wetlands, waterways, and resource waters are sufficiently protected from erosion and sediment. In the absence of a formal ESCP, comply with Clean Water Services' *Erosion Prevention and Sediment Control Standards*.
22. Preserve and protect all public and private infrastructure ensuring that these facilities continue to properly function during the course of the permitted activity, including, but not limited to, underground storm drainage systems, open drainage systems, culverts, roof drains, field inlets and drains, irrigation systems, traffic control devices, and illumination.
23. Restore all existing infrastructure, affected by the permit activity, to original or better condition. Restoration includes, but is not limited to, the road surface, base and subgrade, pavement markings, drainage facilities, signs, safety appurtenances, bicycle and pedestrian facilities, vegetation or landscaping and any other feature affected by the activity. Restoration of the right-of-way shall be completed in a timely manner and to the County's satisfaction.
24. Re-establish surfaces to their pre-existing grade at the end of each work day. For Asphaltic surfaces or Portland cement concrete, interim re-establishment shall be with either hot mix or cold mix asphaltic concrete and shall be in place for no longer than fourteen (14) calendar days. Beyond fourteen (14) calendar days, permanent right-of-way restoration shall be used unless approved by the County. STEEL PLATES are NOT an acceptable interim solution unless prior approval has been obtained through Washington County.

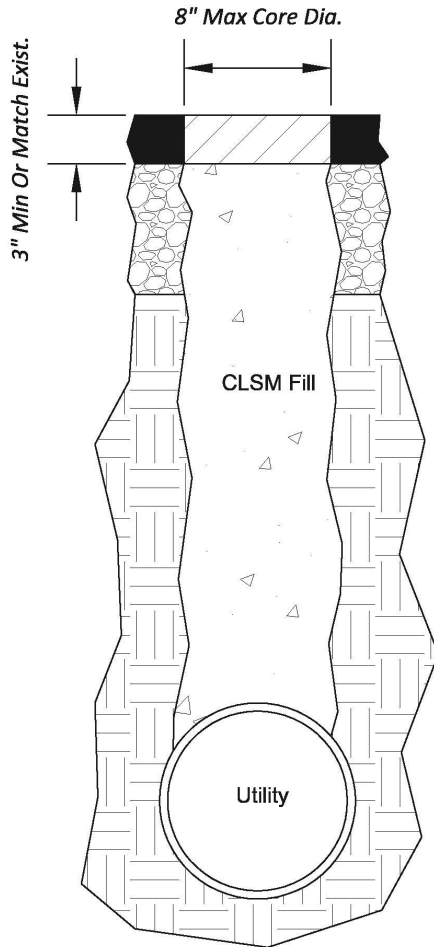




## **GENERAL CONDITIONS**

### **For Permits To Work in Washington County Right-of-Way**

25. Installation of underground utilities or any other buried appurtenance shall be at least thirty (30) inches below grade. All mechanically extracted, cylindrical cores, up to 8" diameter, taken from the paved section of roadway shall be restored according to the County's "Core Hole" Detail.
26. Concrete panels shall not be cut without express written permission from Washington County. If concrete panels, curbs, sidewalks or driveways are disturbed or damaged, replacement of full panels, to the nearest cold joint, shall be required. Prior to pouring concrete. Permittee shall submit concrete mix design for review and approval by Washington County and arrange for a form inspection.
27. Preserve and protect survey monuments, public land corners and any accessory associated with these features. If interference, removal, or destruction is necessary, comply with ORS 209.140 through ORS 209.155. Additionally, utility infrastructure may not be placed within one foot of a survey monument location noted on a subdivision or partition plat, in accordance with ORS 92.044. The Washington County Surveyor can be reached at (503) 846-8723.
28. Comply with Washington County's Noise Control Ordinance established in Chapter 8.24 of the County's *Code of Ordinances*. Acquire a variance to the noise ordinance, when needed.
29. Interaction with the County, other agencies, service providers and the public shall be in a professional, courteous and timely manner.
30. Maintain a complete set of the permit, approved plans, traffic control plans, erosion control plans, and any conditions or special provisions at the job site and have them available for review, upon request.
31. Grant the County immediate access to the permitted work area. The Permittee shall appoint and assign a foreman or competent person that shall be available as the County's point of contact while work is being performed. If this foreman or competent person is unavailable while work is being performed, the Permittee shall provide the County with an alternate. The County reserves the right to enter the work area covered under this permit for any reason.
32. Permits are valid for one year from date of issuance and all work must be completed in that time period. Expired permits, without an approved final inspection, may have a notice placed in their property record related to the permit status.
33. If the requirements for this permit have not been met, there may be a denial or delay with the issuance of other permits.
34. Guarantee all permitted work for a minimum of one year from date of completion. County may require a cash deposit during the guarantee period depending on the type of work. In the event that the Permittee fails to perform warranty work in a timely manner to the satisfaction of Washington County, the deficient work may be corrected, mitigated, or abated by the County. Permittee shall be responsible for all expenses associated with work done by the County to correct, mitigate, or abate a deficiency.
35. Additional fees may be required if there is a substantial change in the scope of work which requires further review by Washington County or if more than three site visits are needed for inspection purposes. Additional inspection fees will be charged in accordance with the adopted fee schedule.
36. Include the permit number in all written and verbal correspondence with the County.
37. Comply with the Right-of-Way Permit Insurance Requirements (i.e. Tier 1, Tier 2, or Tier 3) determined for this permit.



Not To Scale

**Notes:**

1. Backfill Core Hole With Controlled Low Strength Material (CLSM) According To Oregon Standard Specifications For Construction, Section 00442. 28-Day Cylinder Reports Are Not Required.
2. Protect CLSM From Traffic For A Sufficient Amount Of Time To Allow For Curing.
3. For HMAC Surfaced Roads, Cap Core Hole With A Minimum Three Inches Of Hot Mix Asphalt Concrete (HMAC) Or Match Existing Asphalt Thickness, Whichever Is Greater. Compact HMAC To 92% Of Maximum Rice Density, Per AASHTO T-99.
4. For Portland Cement Concrete (PCC) Surfaced Roads, Use Air Entrained PCC With A Minimum 28-Day Compressive Strength Of 4000 PSI, And Slump Between 1.5" and 3". Depth Of Repair Shall Be Equal To Existing PCC Depth.
5. Tack All Existing Asphalt Edges And Sand Seal The Joint At The Surface.
6. No CLSM Is To Reach Any Stream Or Storm Water System.
7. This Detail Is Intended For Circular Cores With Diameters Of 8" Or less.
8. For Trench Pot Holes, See Washington County Detail, 3020 And ODOT Standard Drawing RD 300 And RD 304.
9. All Surfaces Shall Be Clean And Free Of Debris At Conclusion Of Core Hole Excavation.
10. Core Holes Shall Be Spaced No Closer Than 25' And No More Than Four Holes In 500' Of A Single Lane.

**Standard Detail**

WASHINGTON COUNTY

SHEET NO.  
1 OF 1

**Utility Locate Core Detail**

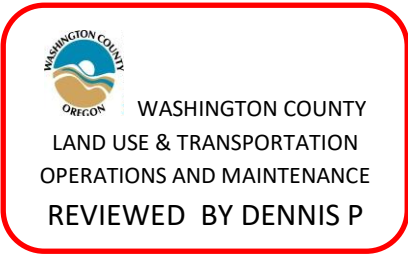
PLOT STAMP: 04/25/12 2:20P AARONC  
CAD: UTILITY POT HOLE DETAIL.DWG, TAB: LAYOUT1

NO. REVISIONS



DEPARTMENT OF  
LAND USE &  
TRANSPORTATION  
OPERATIONS

KRUGER RD  
SHERWOOD, OR 97140



Diagram(s)300,320  
,620 OTTCH  
submitted

OWNER / APPLICANT

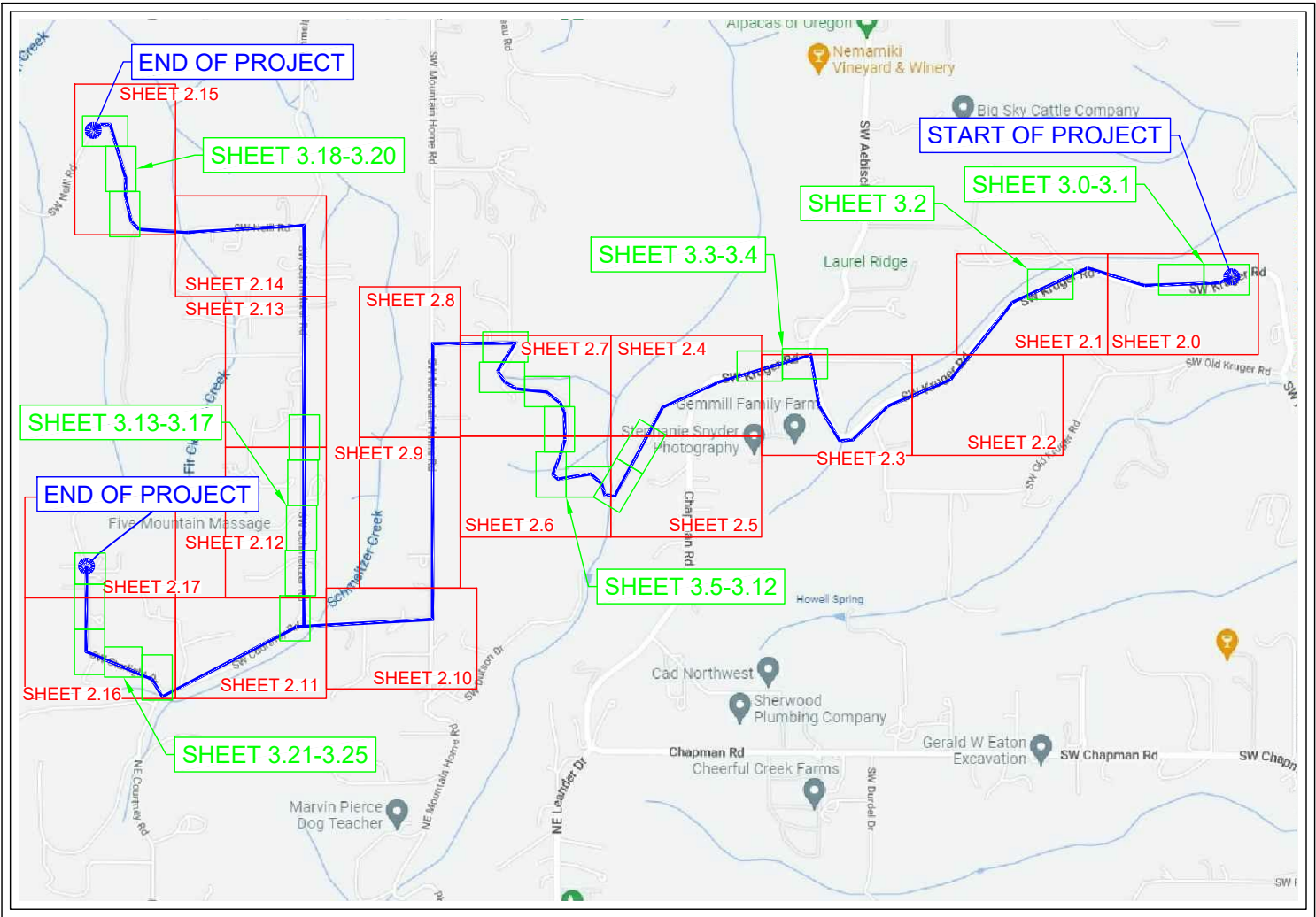
SHERWOOD BROADBAND  
22560 SW PINE ST  
SHERWOOD, OR 97140  
CONTACT: TODD HURD  
MOBILE: (360) 713-8638  
E-MAIL: [HURDT@SHERWOODOREGON.GOV](mailto:HURDT@SHERWOODOREGON.GOV)

DESIGN BY

K&B TECHNICAL SOLUTIONS  
P.O. BOX 2529  
CLACKAMAS, OR 97015  
CONTACT: ERIC ENGLUND  
MOBILE: (503) 329-0793  
EMAIL: [ERIC\\_ENGLUND@KBMAIL.NET](mailto:ERIC_ENGLUND@KBMAIL.NET)

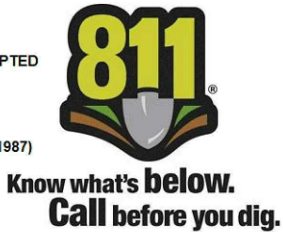
SHEET INDEX

SHT	DESCRIPTION
1.0	COVER SHEET/VICINITY MAP
2.0 - 2.17	AERIAL RIGHT-OF-WAY PLAN
3.0 - 3.25	UNDERGROUND RIGHT-OF-WAY PLAN
L	LEGEND



CALL 811 BEFORE YOU DIG  
ATTENTION:  
OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED  
BY THE OREGON UTILITY NOTIFICATION CENTER.  
THOSE RULES ARE SET FORTH IN OAR 952-001-0010  
THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF  
THE RULES BY CALLING THE OREGON UTILITY  
NOTIFICATION CENTER ADMINISTRATION @ (503-232-1987)

TO REQUEST UTILITY LOCATES CALL THE OREGON  
UTILITY NOTIFICATION CENTER, 811 AT LEAST  
2 BUSINESS DAYS PRIOR TO EXCAVATION.



KRUGER RD  
SHERWOOD, OR 97140  
COVER SHEET / VICINITY MAP

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.

P.O. BOX 2529, CLACKAMAS, OR 97015  
ERIC ENGLUND - (503) 329-0793  
[ERIC\\_ENGLUND@KBMAIL.NET](mailto:ERIC_ENGLUND@KBMAIL.NET)

TODD HURD - (360) 713-8638  
[HURDT@SHERWOODOREGON.GOV](mailto:HURDT@SHERWOODOREGON.GOV)

SHEET

CS

PROJECT ID  
SHW-39486-16658

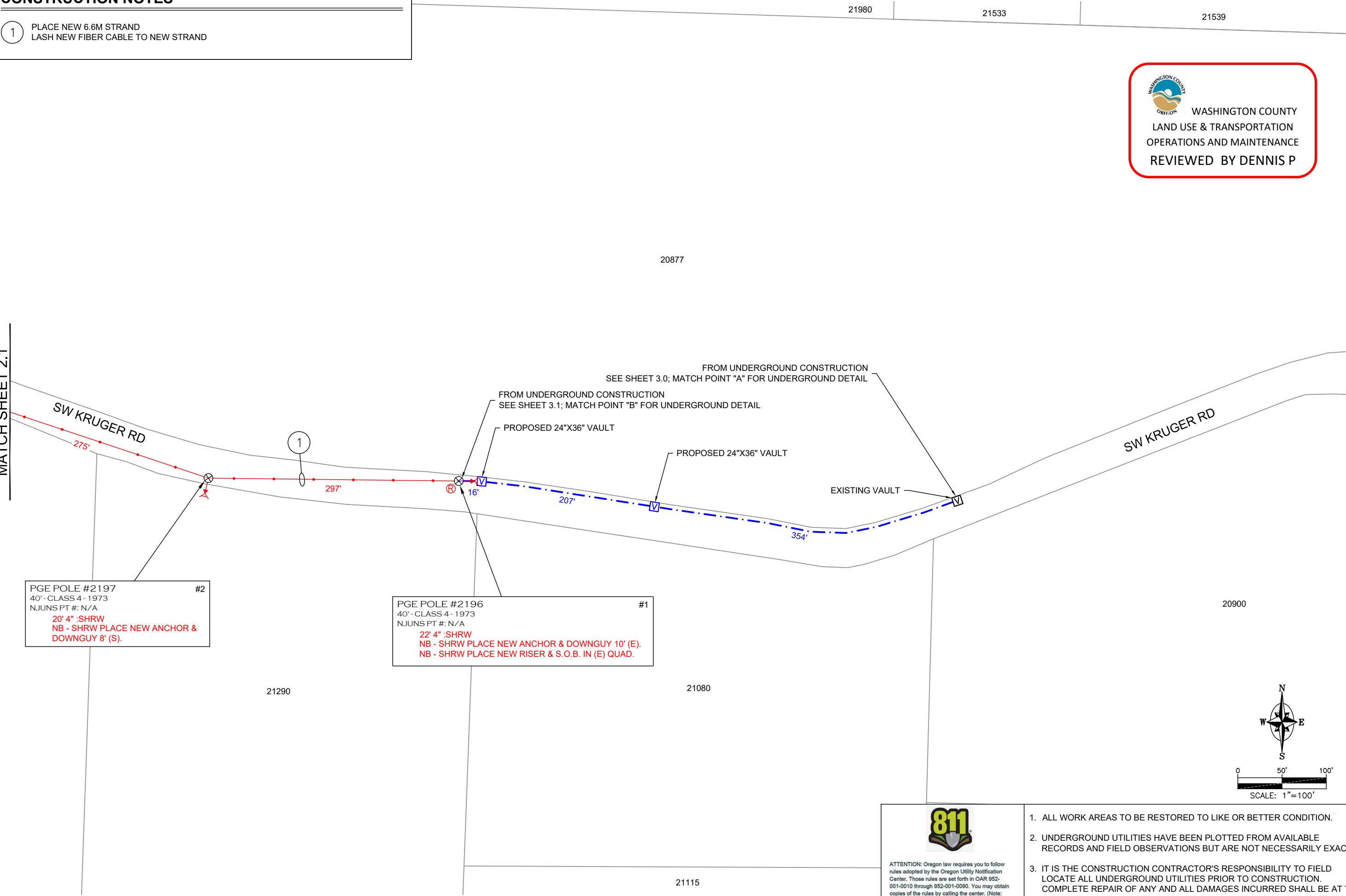
CONSTRUCTION NOTES

- 1
- PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

MATCH SHEET 2.1

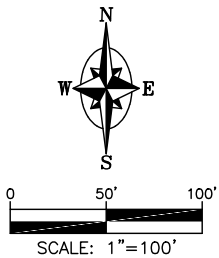


PGE POLE #2197  
40' - CLASS 4 - 1973  
NJUNS PT #: N/A  
20' 4" :SHRW  
NB - SHRW PLACE NEW ANCHOR &  
DOWNGUY 8' (S).

#2

PGE POLE #2196  
40' - CLASS 4 - 1973  
NJUNS PT #: N/A  
22' 4" :SHRW  
NB - SHRW PLACE NEW ANCHOR & DOWNGUY 10' (E).  
NB - SHRW PLACE NEW RISER & S.O.B. IN (E) QUAD.

#1



ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 852-001-0010 through 852-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503) 232-1987 or 811).

1. ALL WORK AREAS TO BE RESTORED TO LIKE OR BETTER CONDITION.
2. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT.
3. IT IS THE CONSTRUCTION CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
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-	-	-	-
-	-	-	-



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SHEET

2.0

PROJECT ID  
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CONSTRUCTION NOTES

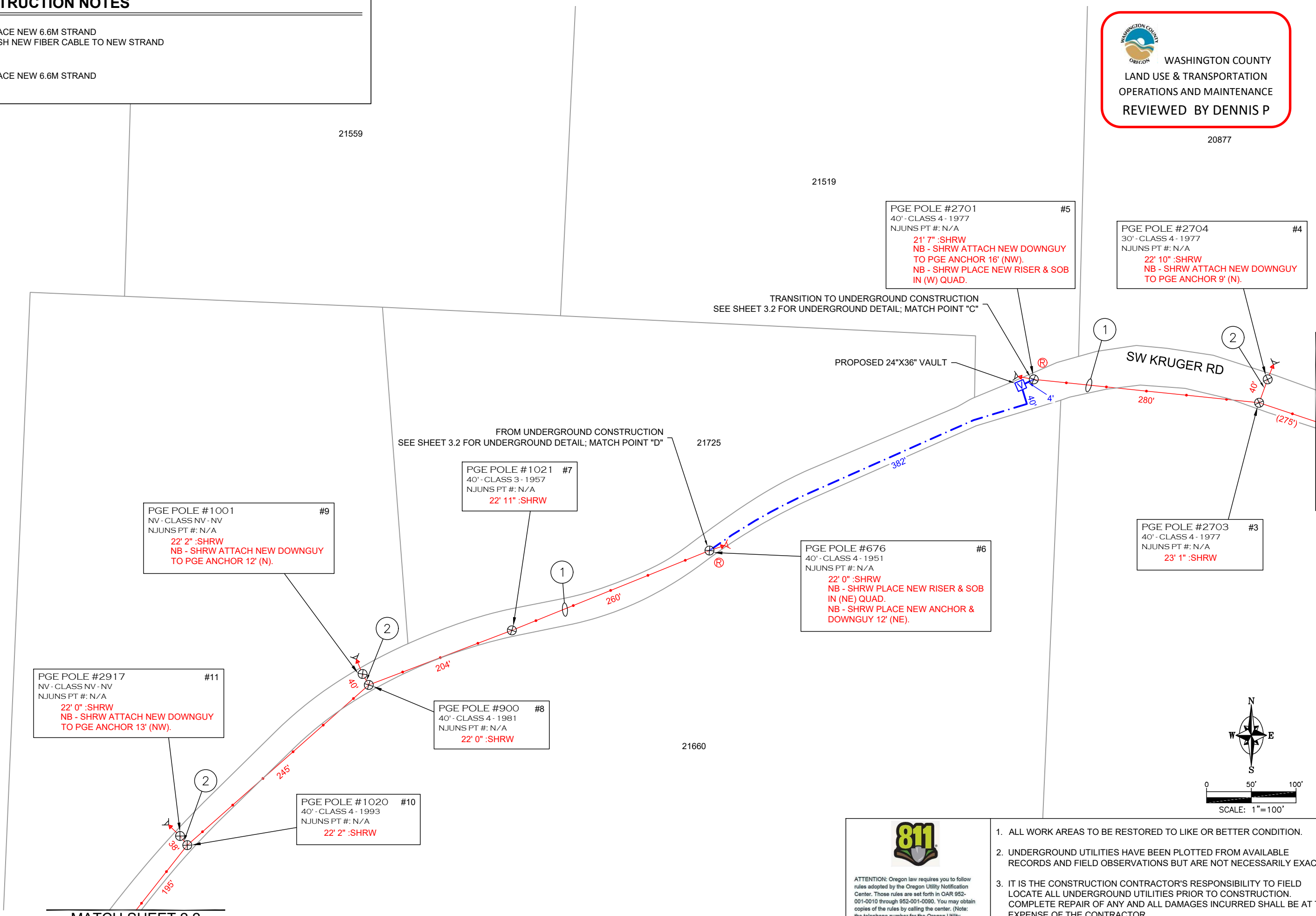
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PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND
- 2

PLACE NEW 6.6M STRAND




WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P



MATCH SHEET 2.0

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	T.G.	E.E.
07/25/22	ORIGINAL ISSUE		
07/27/22	MINOR CHANGES/CLARIFICATIONS		



TECHNICAL SOLUTIONS

P.O. BOX 2529, CLACKAMAS, OR 97015  
ERIC ENGLUND - (503) 329-0793  
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Sherwood Broadband

TODD HURD - (360) 713-8638  
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SHEET  
2.1

PROJECT ID  
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MATCH SHEET 2.3

MATCH SHEET 2.1

CONSTRUCTION NOTES

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WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
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KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

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DATE	DESCRIPTION	DESIGN DRAWN	
		T.G.	R.P.M.
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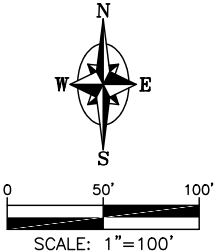
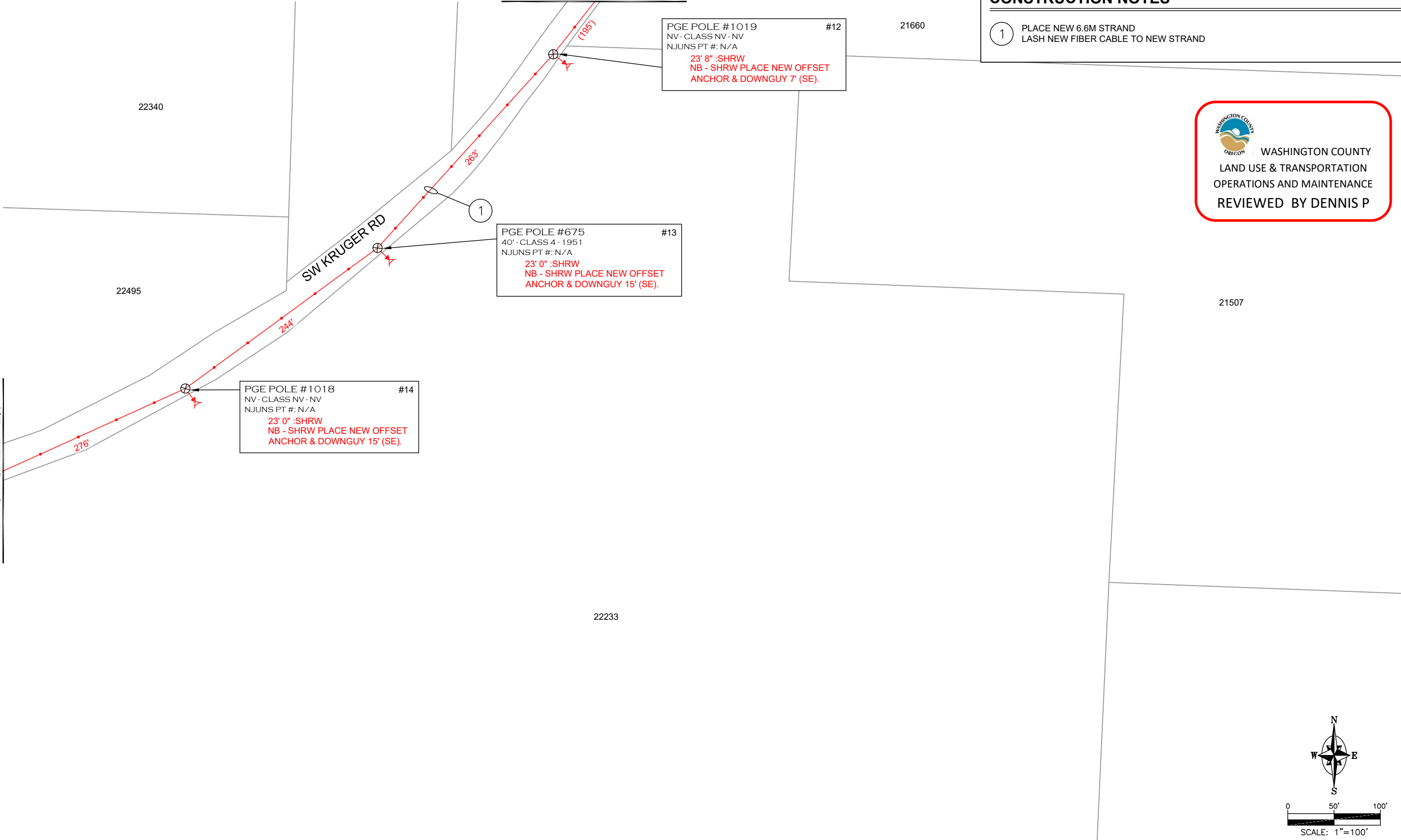


TODD HURD - (360) 713-8638  
HURDT@SHERWOODOREGON.GOV

SHEET

2.2

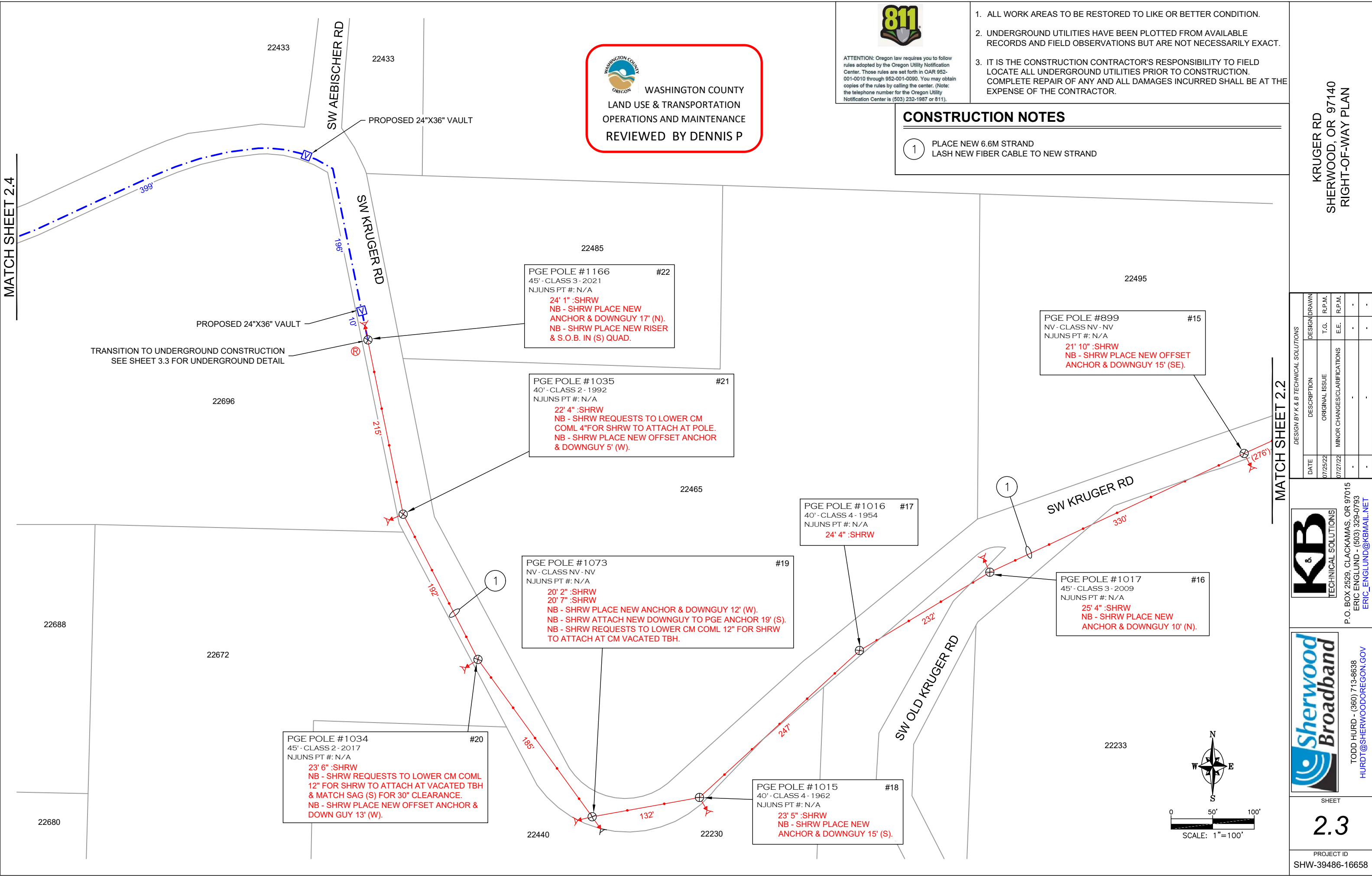
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MATCH SHEET 2.4



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
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LASH NEW FIBER CABLE TO NEW STRAND

MATCH SHEET 2.2

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	T.G.	R.P.M.
07/25/22	ORIGINAL ISSUE	E.E.	-
07/27/22	MINOR CHANGES/CLARIFICATIONS	-	-



P.O. BOX 2529, CLACKAMAS, OR 97015  
ERIC ENGLUND - (503) 329-0793  
ERIC\_ENGLUND@KBMAIL.NET



TODD HURD - (360) 713-8638  
HURDT@SHERWOODOREGON.GOV

2.3

PROJECT ID  
SHW-39486-16658

CONSTRUCTION NOTES

- 1

PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND
- 2

PLACE NEW 6.6M STRAND

WASHINGTON COUNTY

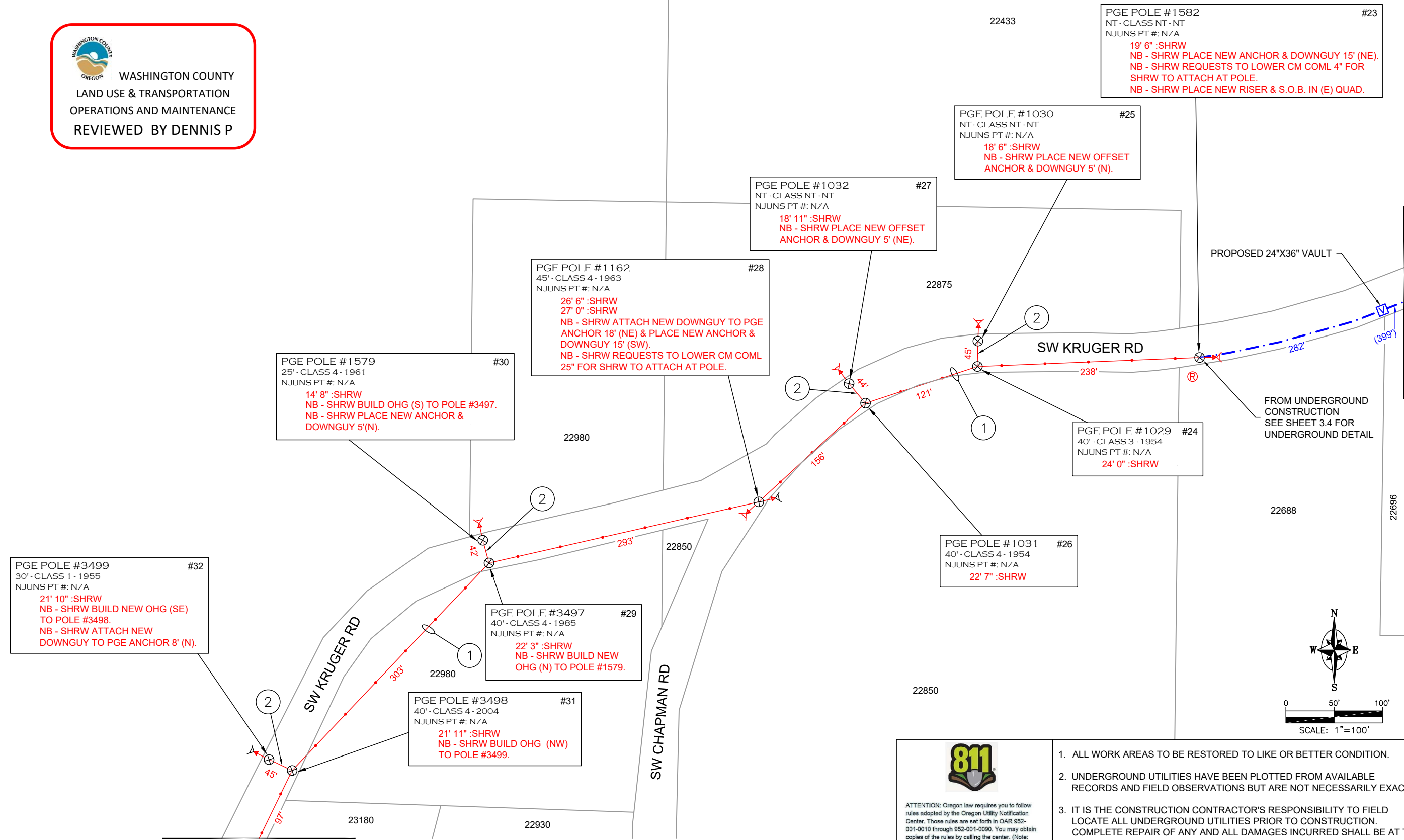
OREGON

WASHINGTON COUNTY

LAND USE & TRANSPORTATION

OPERATIONS AND MAINTENANCE

REVIEWED BY DENNIS P



KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

MATCH SHEET 2.3

DESIGN BY K & B TECHNICAL SOLUTIONS		DESIGN DRAWN	
DATE	DESCRIPTION	T.G.	R.P.M.
07/25/22	ORIGINAL ISSUE	E.E.	.
07/27/22	MINOR CHANGES/CLARIFICATIONS	.	.



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SHEET  
2.4

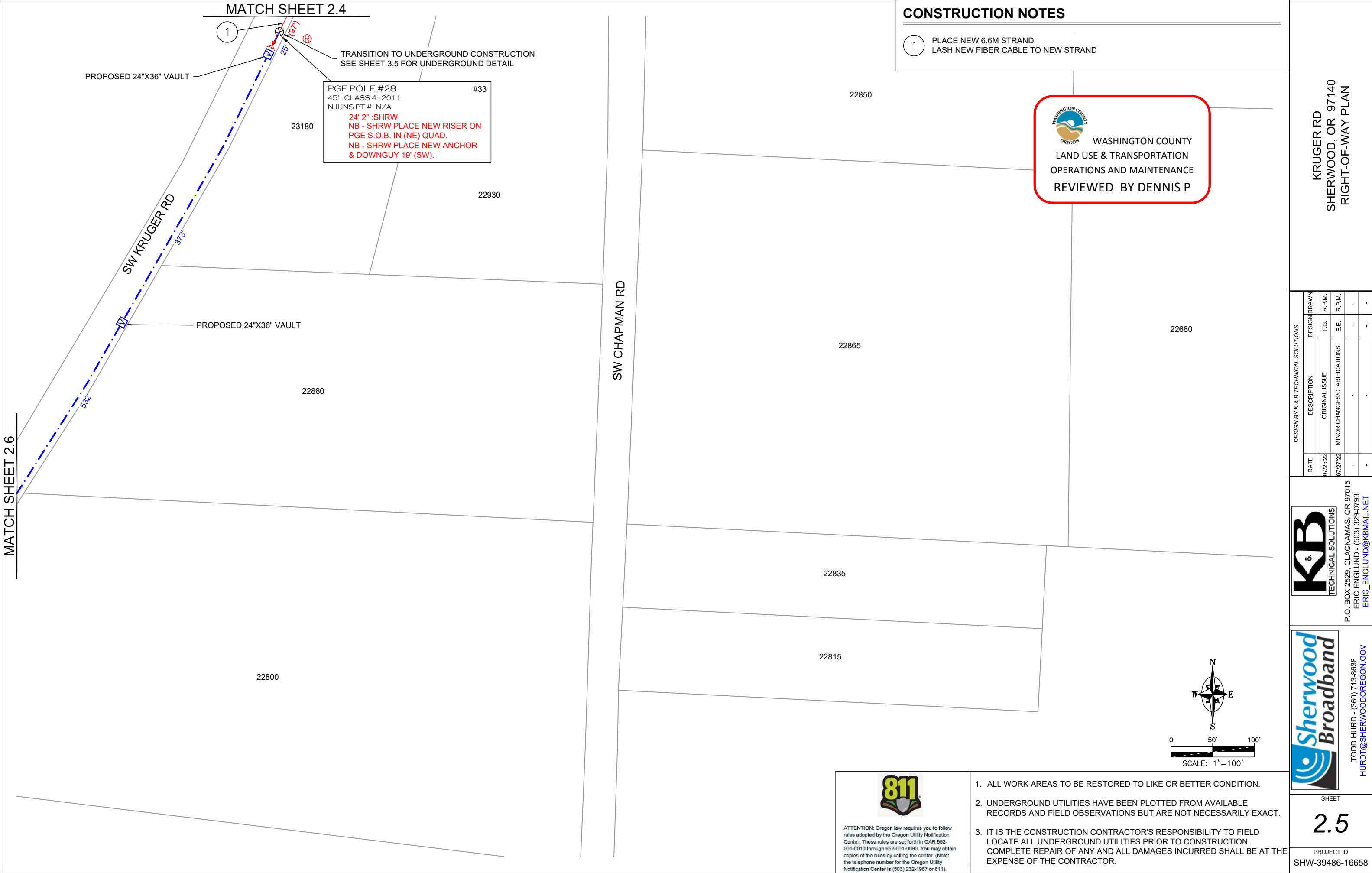
PROJECT ID  
SHW-39486-16658



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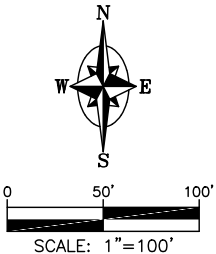
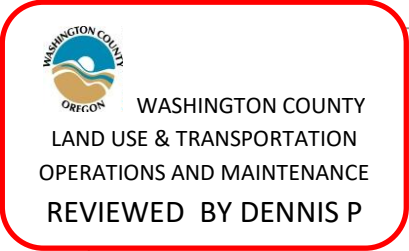
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CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND



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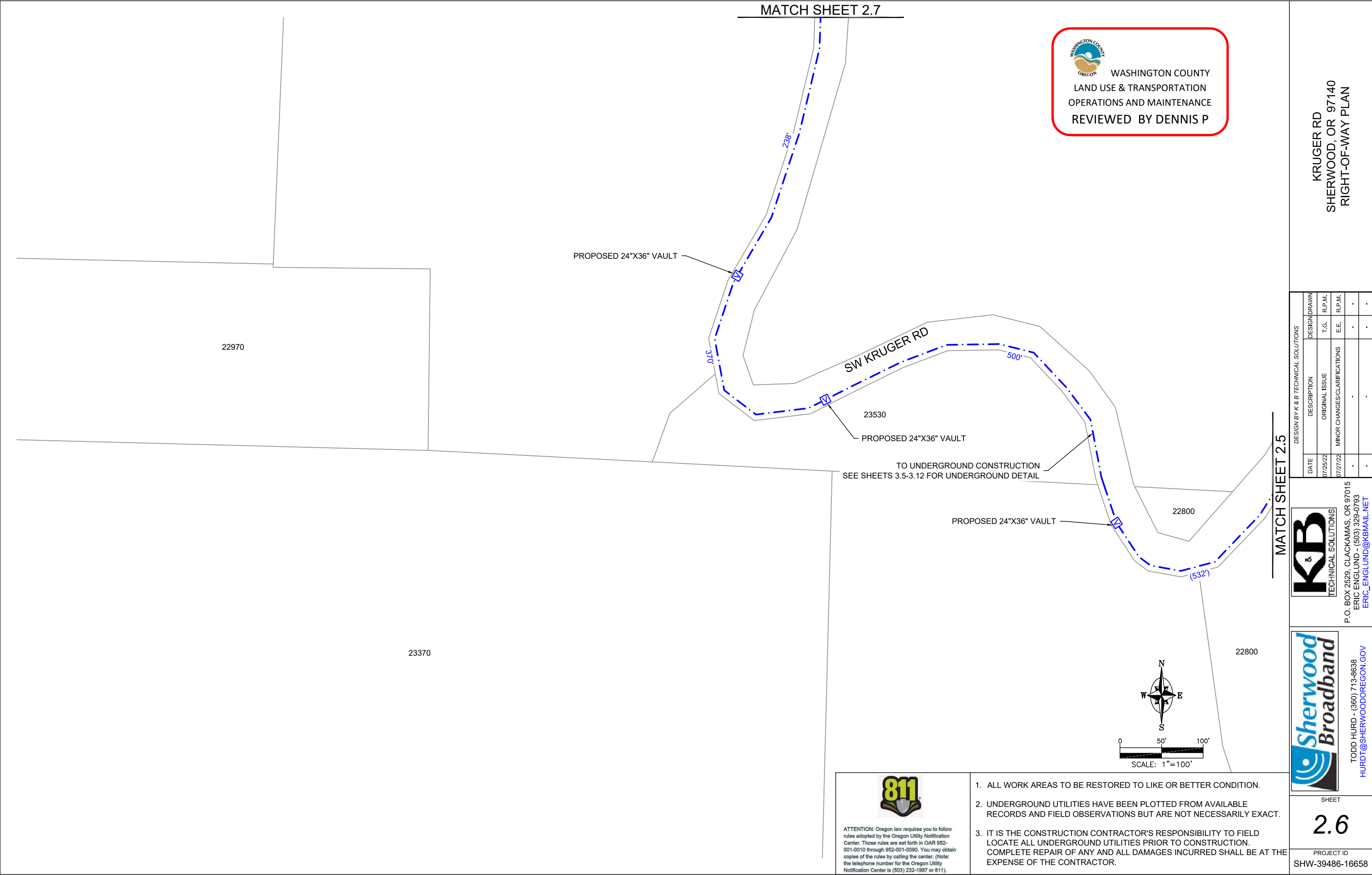
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KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
-	-	-	-
-	-	-	-

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WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

DESIGN BY K & B TECHNICAL SOLUTIONS			
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-	-	-	-
-	-	-	-



TECHNICAL SOLUTIONS

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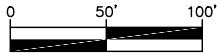



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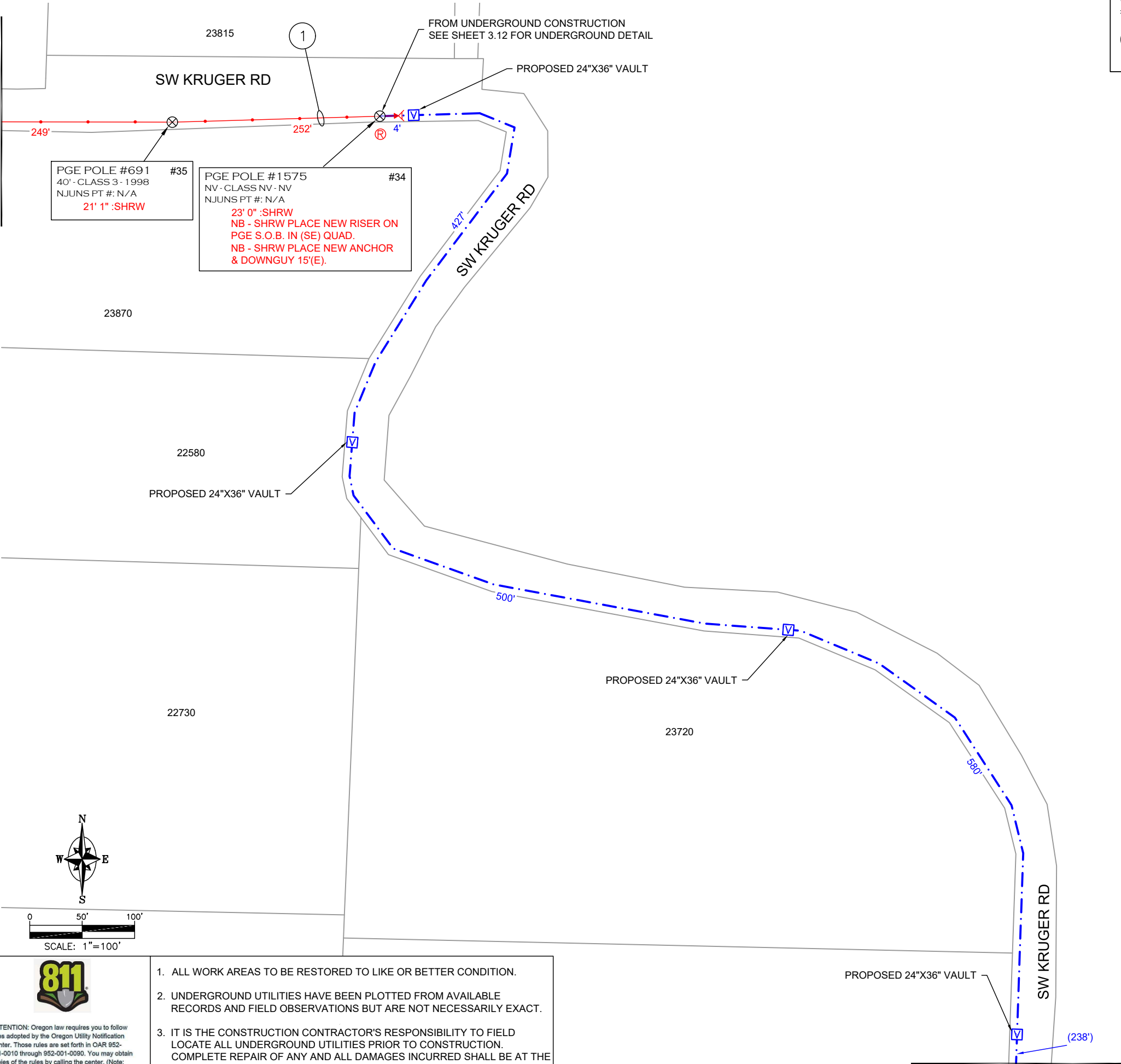
SCALE: 1"=100'

SHEET

2.6

PROJECT ID  
SHW-39486-16658

MATCH SHEET 2.8



CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

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SHEET

2.7

PROJECT ID  
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MATCH SHEET 2.8

(325')

295'

321'

291'

312'

269'

109'

SW MOUNTAIN HOME RD

22970

23370

22905

23025

23235

23405

23295

22905

23025

23235

CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND



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LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
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MATCH SHEET 2.10

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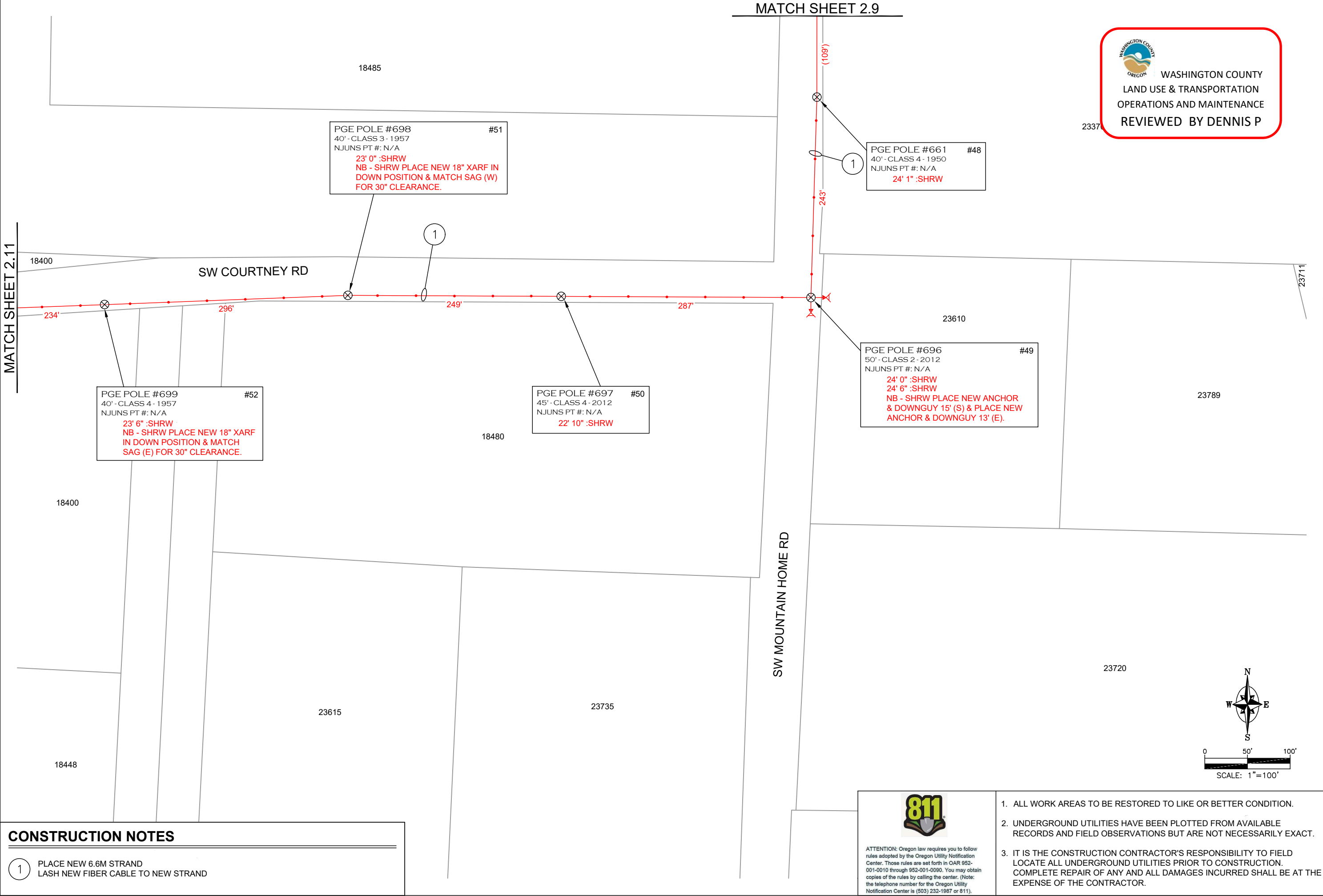
SHEET


2.9

PROJECT ID  
SHW-39486-16658

MATCH SHEET 2.11

MATCH SHEET 2.9





WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

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CONSTRUCTION NOTES

- 1
- PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND



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SHEET

2.10

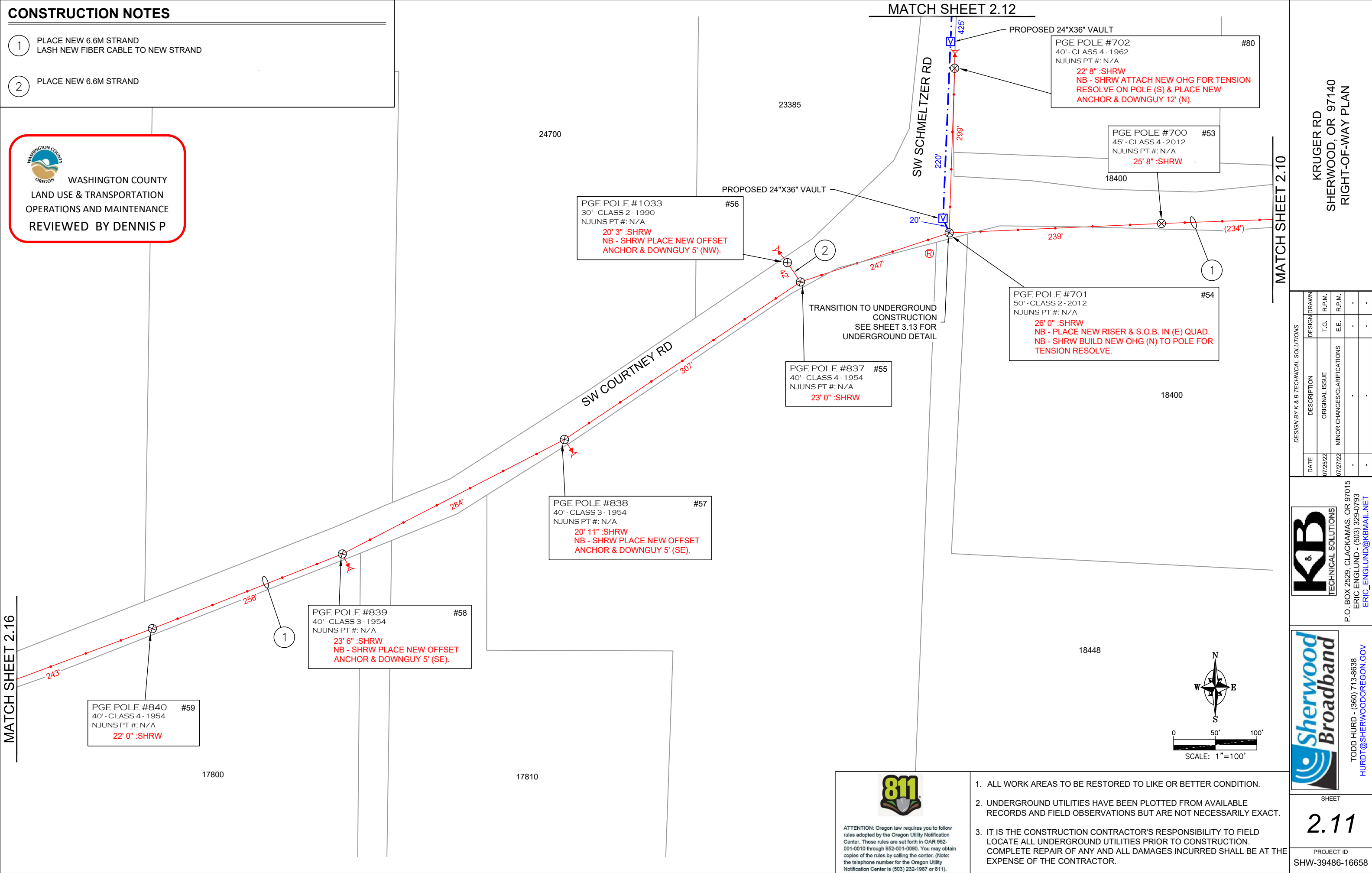
PROJECT ID  
SHW-39486-16658

CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND
- 2 PLACE NEW 6.6M STRAND




WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P




KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

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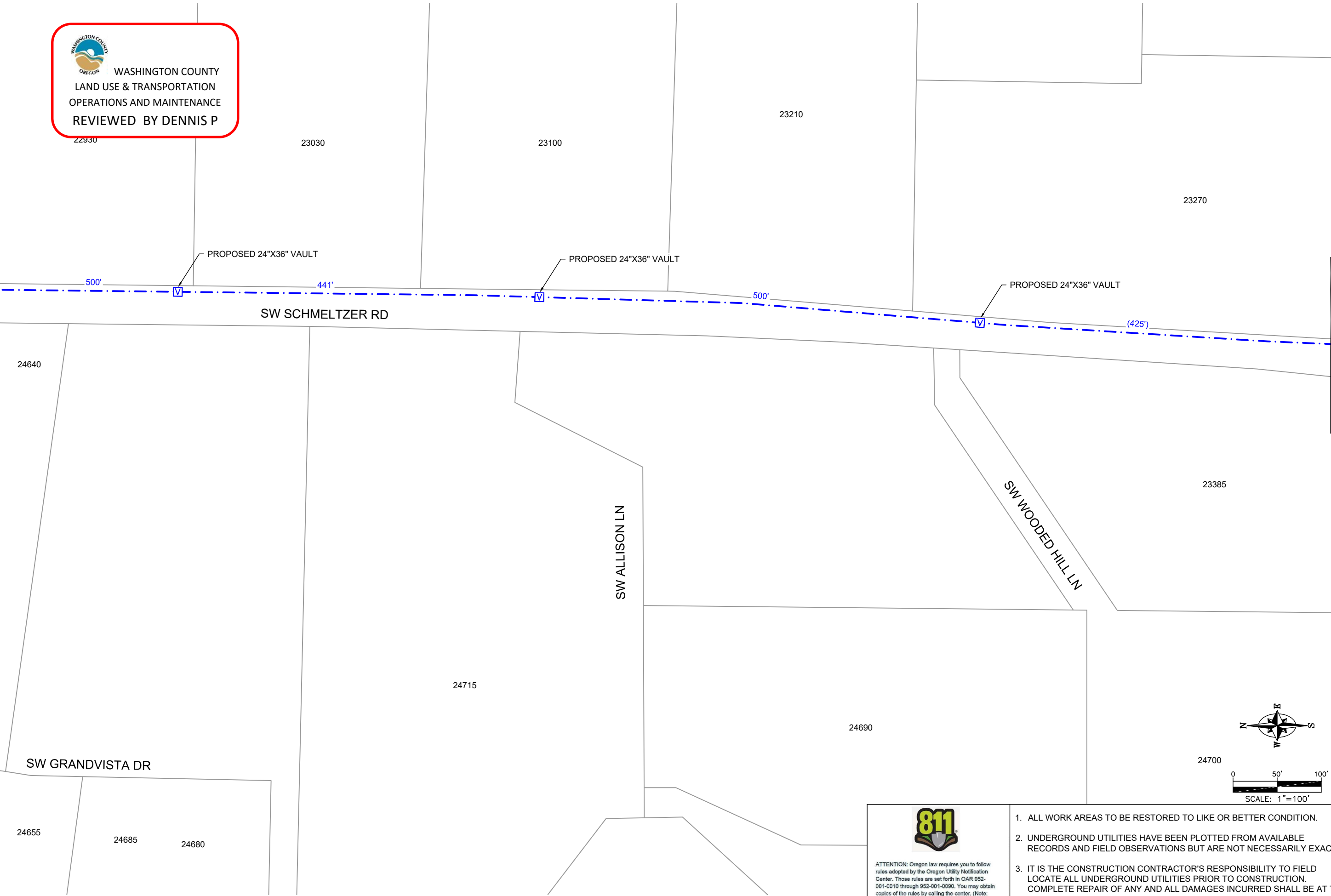
TODD HURD - (360) 713-8638  
HURDT@SHERWOODOREGON.GOV

SHEET  
2.11  
PROJECT ID  
SHW-39486-16658

MATCH SHEET 2.13



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P



MATCH SHEET 2.11

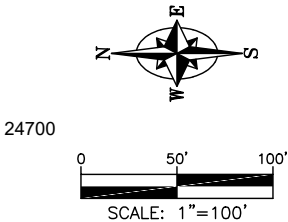
DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
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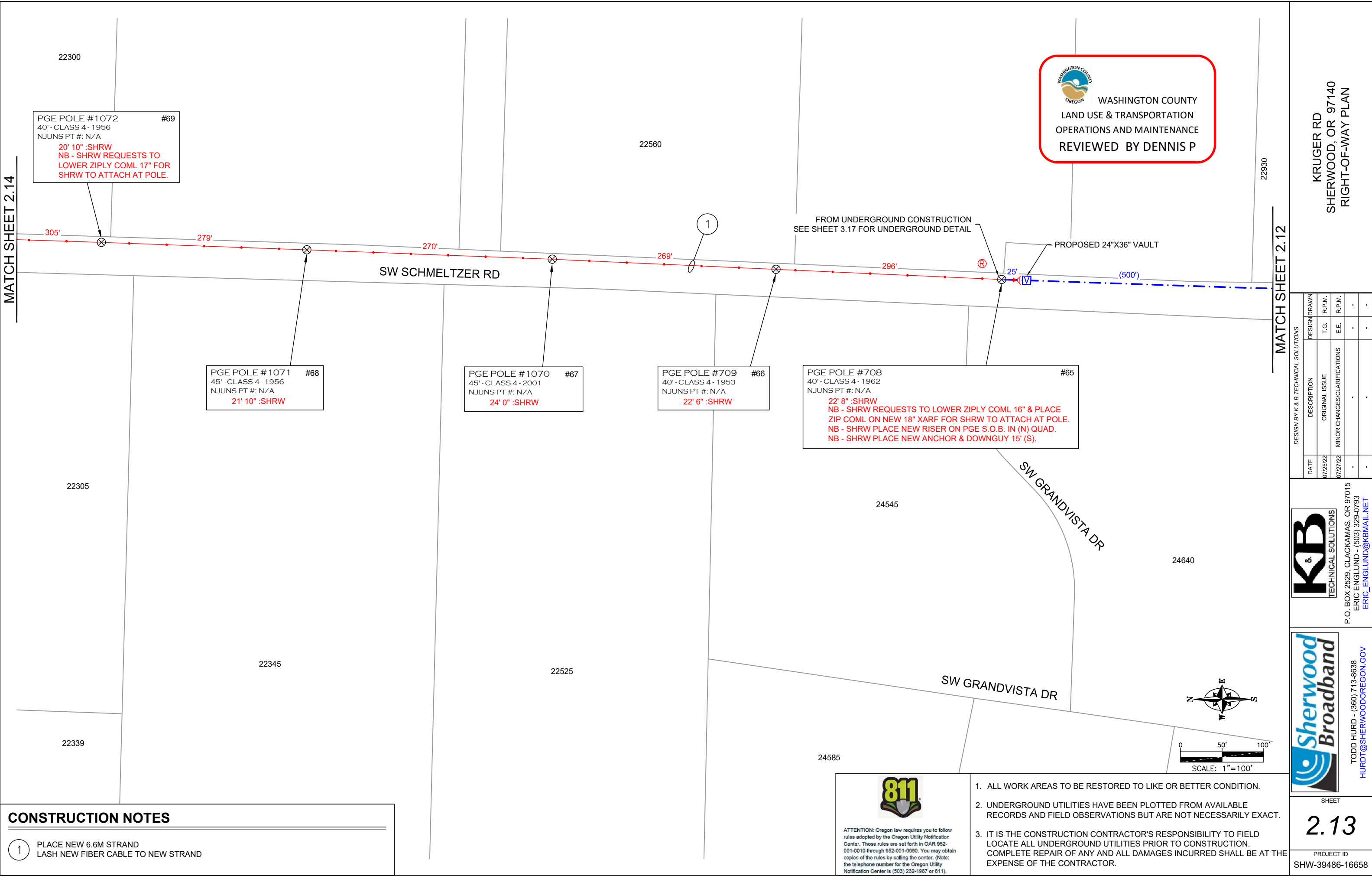
KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

SHEET

2.12

PROJECT ID  
SHW-39486-16658





CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND LASH NEW FIBER CABLE TO NEW STRAND



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SHEET

2.13

PROJECT ID  
SHW-39486-16658

MATCH SHEET 2.12

MATCH SHEET 2.14

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

MATCH SHEET 2.15



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

24595

PGE POLE #1045 #74  
40' - CLASS 4 - 2004  
NJUNS PT #: N/A  
20' 0" :SHRW  
NB - SHRW PLACE 18" XARF FOR  
SECONDARY RISER CLEARANCE.

21805

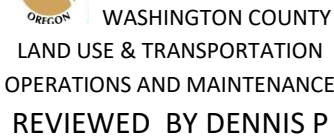
SW SCHMELTZER RD

SW NEILL RD

PGE POLE #1263 #77  
NV - CLASS NV - NV  
NJUNS PT #: N/A  
27' 10" :SHRW  
NB - SHRW PLACE NEW 12" XARF FOR  
SECONDARY RISER CLEARANCE.

PGE POLE #1047 #76  
NV - CLASS NV - NV  
NJUNS PT #: N/A  
24' 6" :SHRW

PGE POLE #1046 #75  
45' - CLASS 3 - 2018  
NJUNS PT #: N/A  
25' 0" :SHRW



24595

24970

25185

25075

PGE POLE #1264 #78  
40'-CLASS 3 - 1957  
NJUNS PT #: N/A  
23' 0" :SHRW

1

25100

### PROPOSED 24"X36" VAULT

TRANSITION TO UNDERGROUND CONSTRUCTION  
SEE SHEET 3.18 FOR UNDERGROUND DETAIL

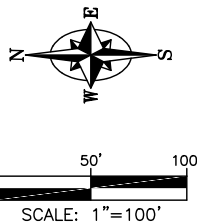
PGE POLE #1265 #79  
45'- CLASS 3 - 2019  
NJUNS PT #: N/A  
25' 4" :SHRW  
NB - SHRW PLACE NEW RISER ON  
PGE S.O.B. IN (E) QUAD.  
NB - SHRW PLACE NEW ANCHOR  
AND DOWNGUY 15'(W).

SW NEILL RD

25245

PROPOSED 24"X36" VAULT

25335



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## CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND  
LASH NEW FIBER CABLE TO NEW STRAND

KRUGER RD  
 SHERWOOD, OR 97140  
 RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGNER	DRAWN
07/28/22	ORIGINAL ISSUE	T.G.	R.P.M.
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-	-	-	-
-	-	-	-



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SHEET

## 2.15

PROJECT ID  
SHW-39486-16658



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
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CONSTRUCTION NOTES

- 1 PLACE NEW 6.6M STRAND  
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- 2 PLACE NEW 6.6M STRAND

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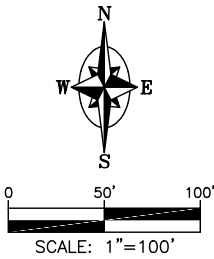


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SHEET

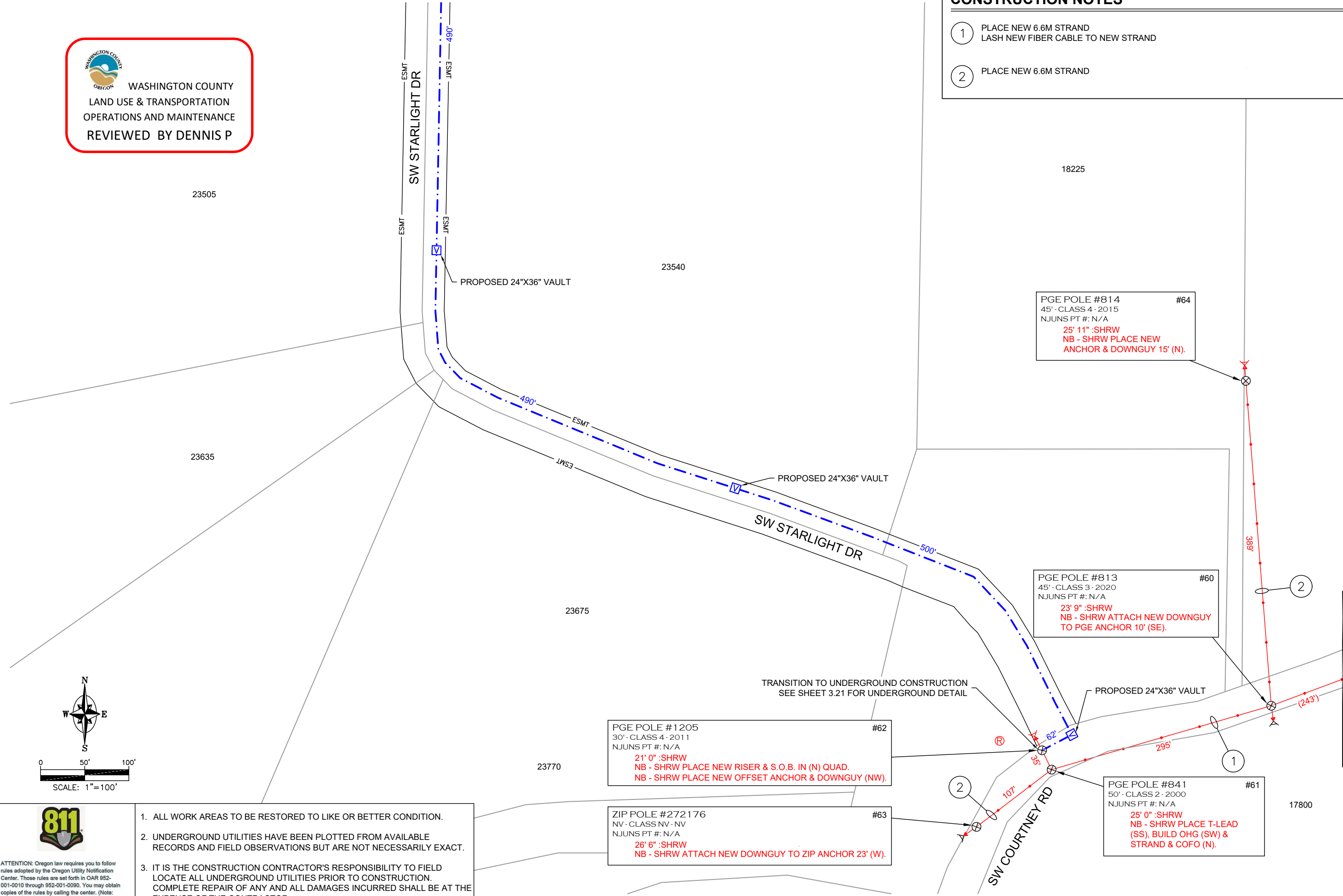
2.16

PROJECT ID  
SHW-39486-16658

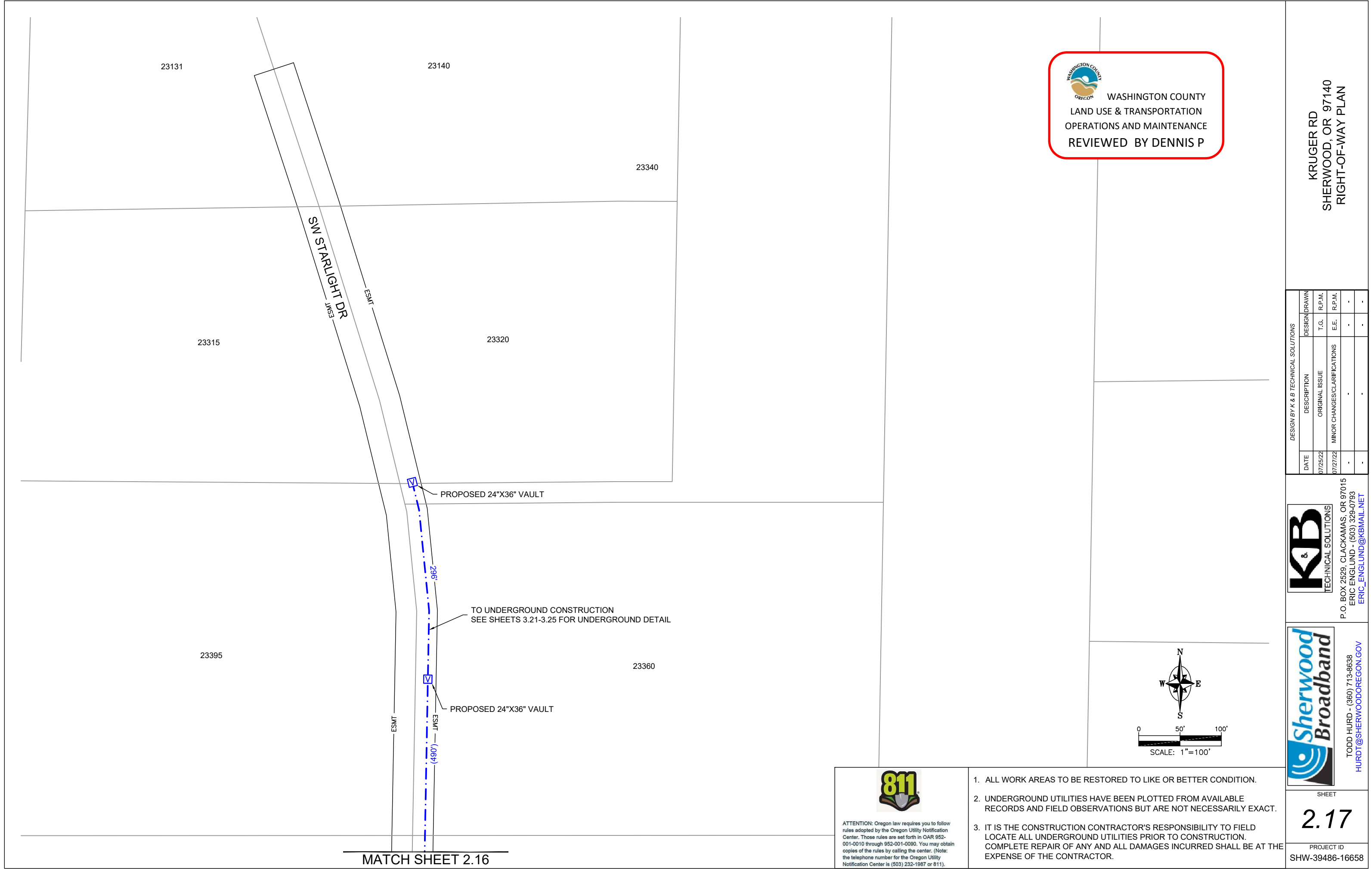



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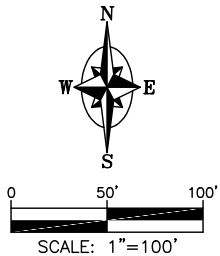


MATCH SHEET 2.11





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LAND USE & TRANSPORTATION  
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SHEET

2.17

PROJECT ID  
SHW-39486-16658

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN




CONSTRUCTION NOTES

- 1

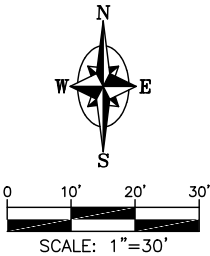
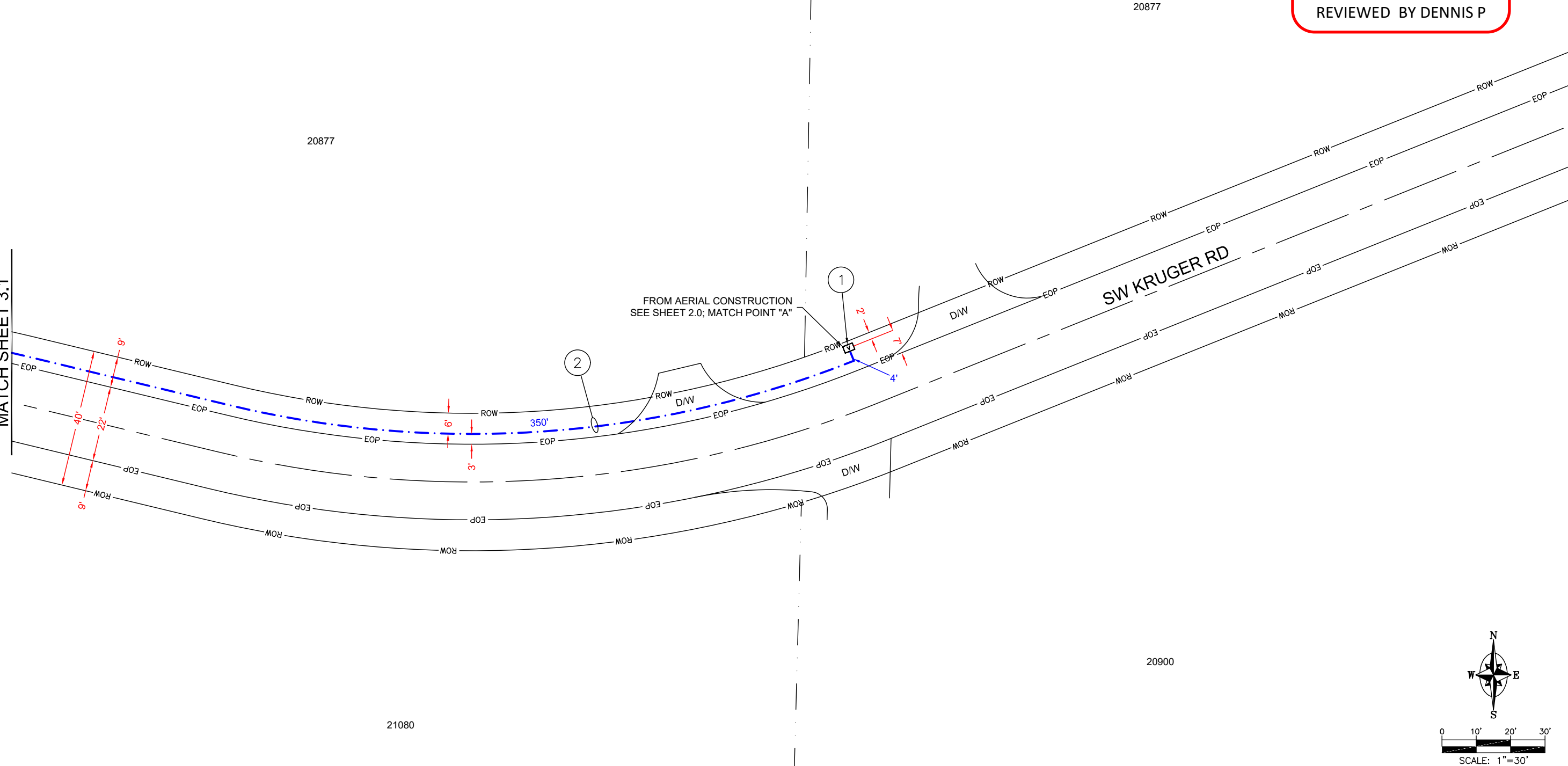
EXCAVATE AREA AROUND VAULT  
NEW CONDUIT TO TERMINATE IN VAULT  
BACKFILL THE AREA AND COMPACT SOIL  
REMOVE AND DISPOSE OF ALL DEBRIS FROM VAULT
- 2

TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

MATCH SHEET 3.1



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DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
		T.G.	R.P.M.
07/25/22	ORIGINAL ISSUE		
07/27/22	MINOR CHANGES/CLARIFICATIONS		
-	-	-	-
-	-	-	-



P.O. BOX 2529, CLACKAMAS, OR 97015  
ERIC ENGLUND - (503) 329-0793  
[ERIC\\_ENGLUND@KBMAIL.NET](mailto:ERIC_ENGLUND@KBMAIL.NET)



TODD HURD - (360) 713-8638  
[HURDT@SHERWOODOREGON.GOV](mailto:HURDT@SHERWOODOREGON.GOV)

SHEET

3.0

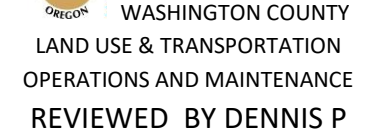
PROJECT ID  
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KRUGER RD  
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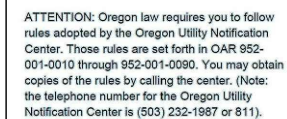
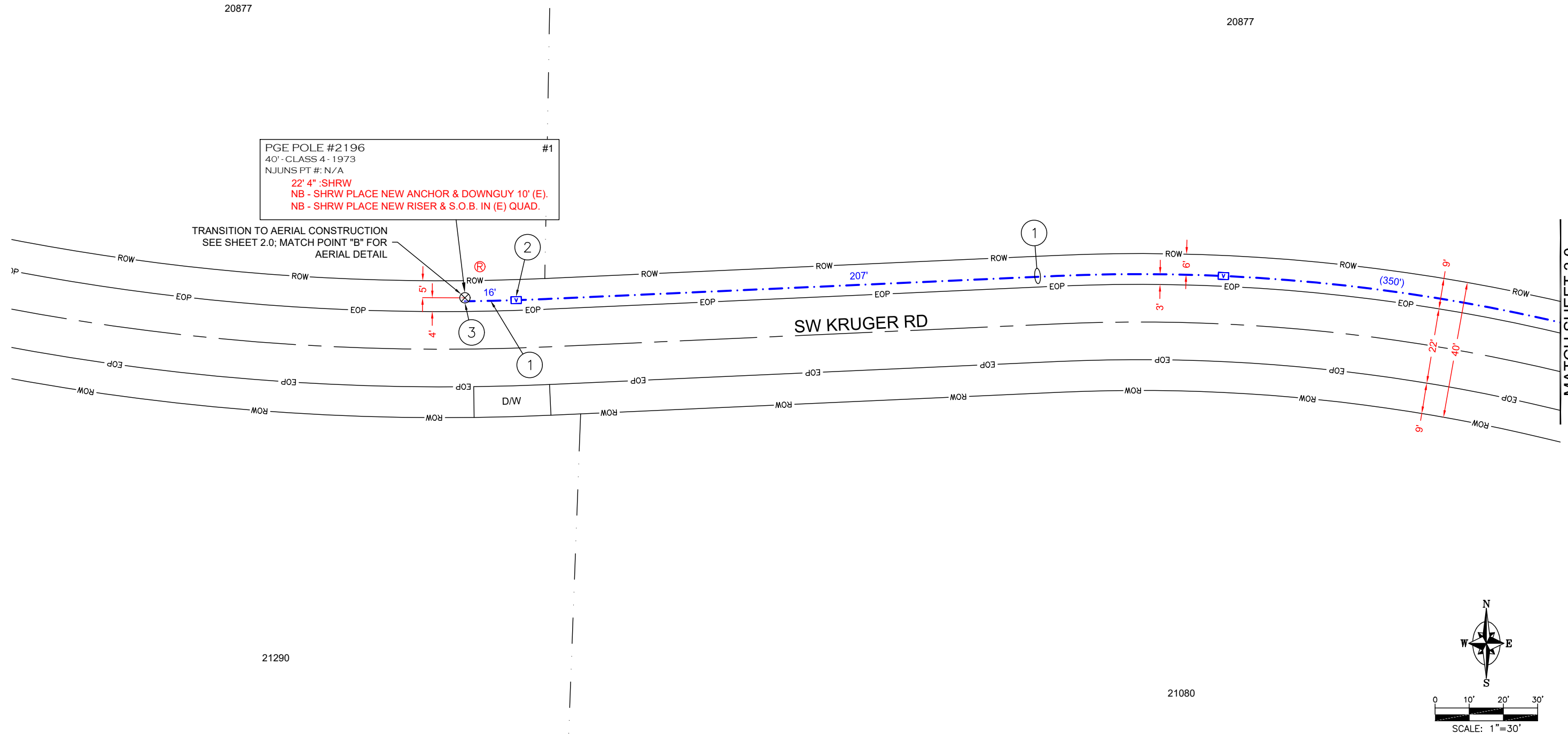
## CONSTRUCTION NOTES

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- 1 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 2 PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT
- 3 PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE



KRUGER RD  
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 (503) 713-3030

SHEET

### 3.1

PROJECT ID
SHW-39486-16658

CONSTRUCTION NOTES

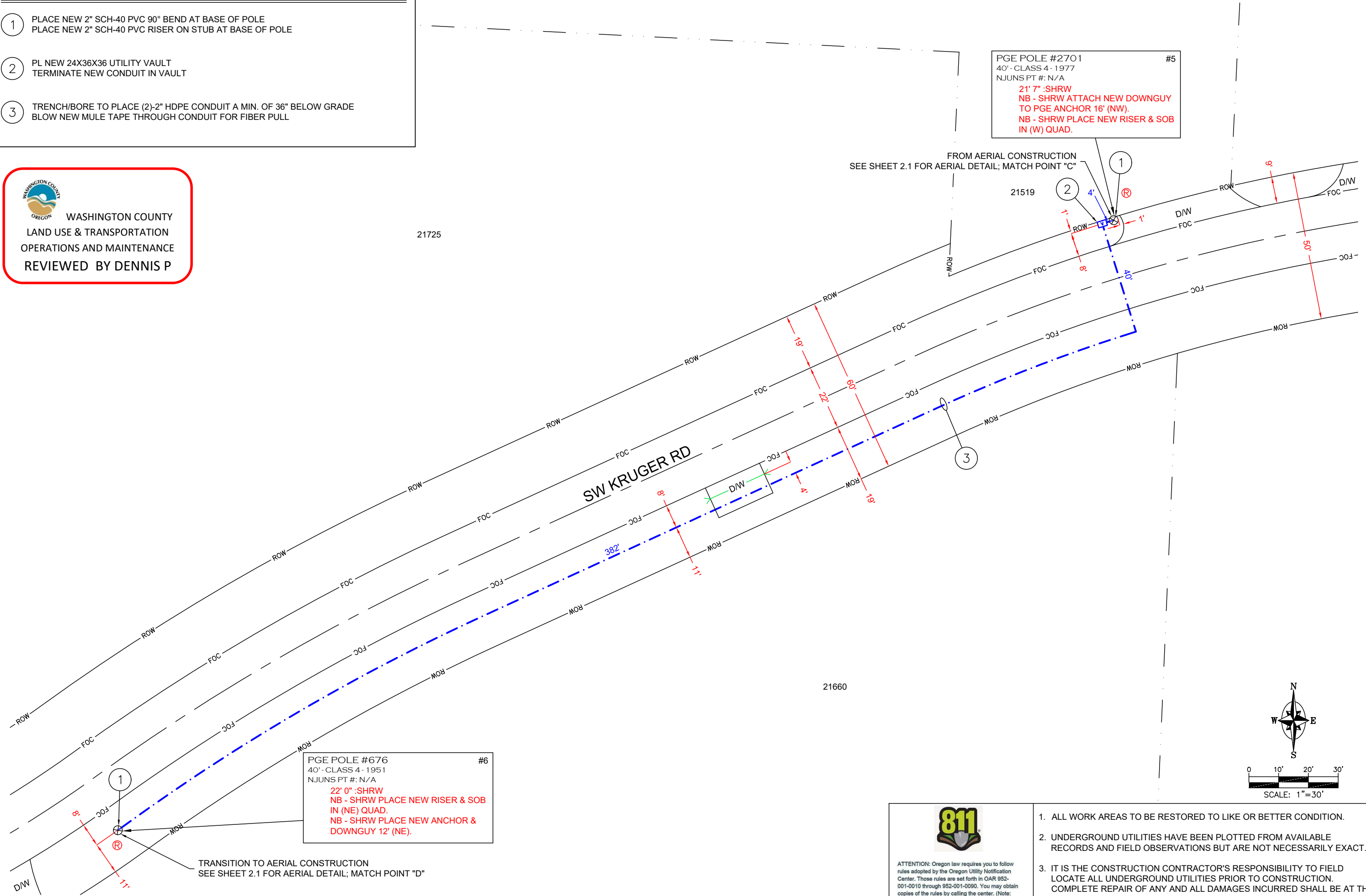
- 1
- PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE

- 2
- PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT

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- TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
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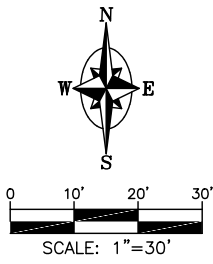


PGE POLE #2701  
40' - CLASS 4 - 1977  
NJUNS PT #: N/A  
21' 7" :SHRW  
NB - SHRW ATTACH NEW DOWNGUY  
TO PGE ANCHOR 16' (NW).  
NB - SHRW PLACE NEW RISER & SOB  
IN (W) QUAD.

PGE POLE #676  
40' - CLASS 4 - 1951  
NJUNS PT #: N/A  
22' 0" :SHRW  
NB - SHRW PLACE NEW RISER & SOB  
IN (NE) QUAD.  
NB - SHRW PLACE NEW ANCHOR &  
DOWNGUY 12' (NE).

TRANSITION TO AERIAL CONSTRUCTION  
SEE SHEET 2.1 FOR AERIAL DETAIL; MATCH POINT "D"

FROM AERIAL CONSTRUCTION  
SEE SHEET 2.1 FOR AERIAL DETAIL; MATCH POINT "C"



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DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN	DRAWN
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
-	-	-	-
-	-	-	-



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SHEET  
3.2

PROJECT ID  
SHW-39486-16658

MATCH SHEET 3.4



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
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0 10' 20' 30'  
SCALE: 1"=30'



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22433

SW KRUGER RD

399'

2

22696

SW  
AEBISCHER RD

3

2

SW KRUGER RD

FROM AERIAL CONSTRUCTION  
SEE SHEET 2.3 FOR AERIAL DETAIL

PGE POLE #1166  
45'- CLASS 3 - 2021  
NJUNS PT #: N/A

#22

24' 1" :SHRW  
NB - SHRW PLACE NEW  
ANCHOR & DOWNGUY 17' (N).  
NB - SHRW PLACE NEW RISER  
& S.O.B. IN (S) QUAD.

1

## CONSTRUCTION NOTES

- 1 PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE
- 2 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 3 PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT

22433

22485

22465

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
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SHEET

3.3

PROJECT ID  
SHW-39486-16658

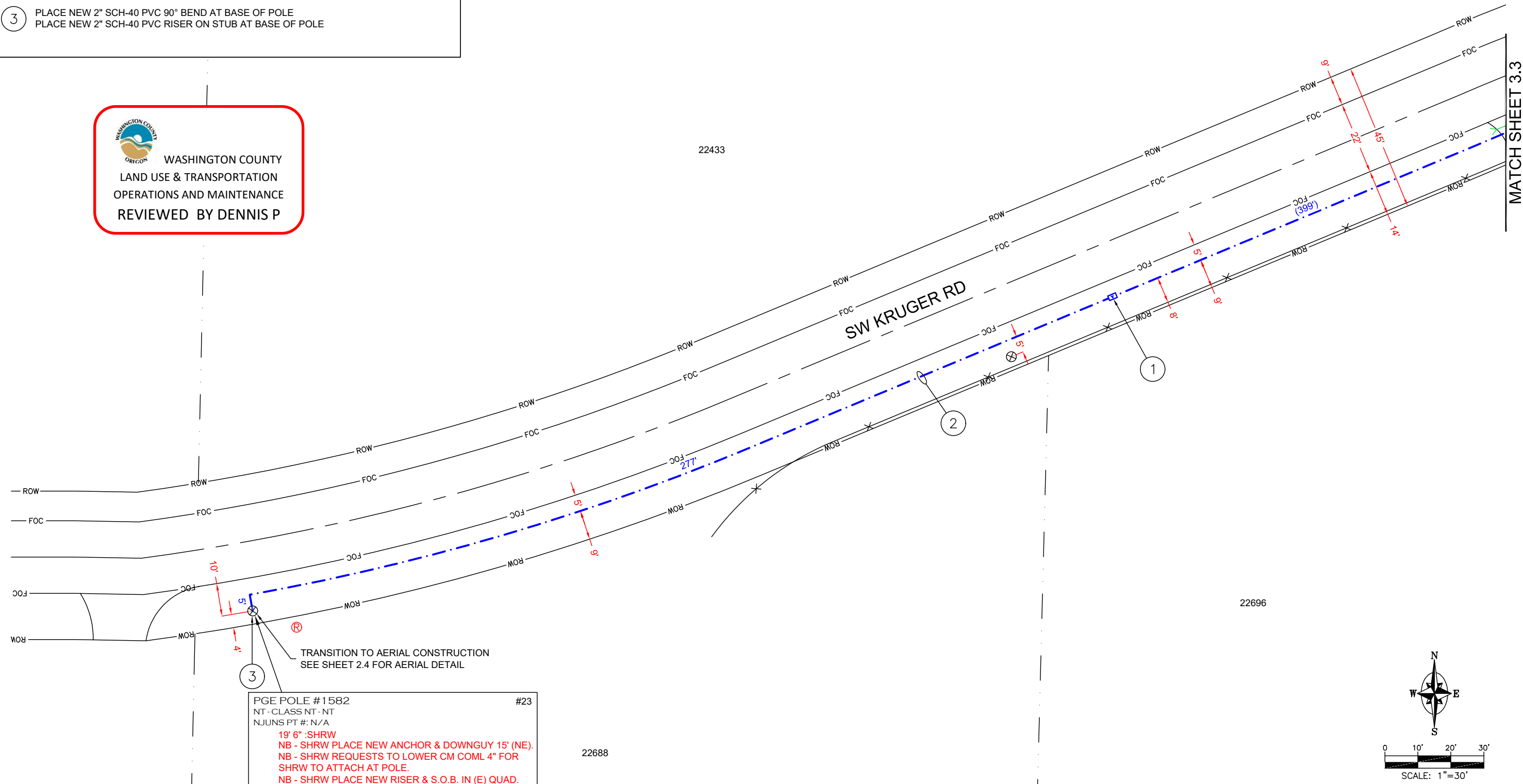
KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

CONSTRUCTION NOTES

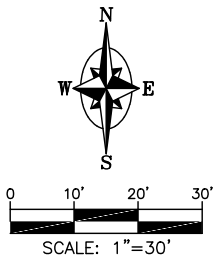
- 1
- PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT
- 2
- TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 3
- PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE



WASHINGTON COUNTY  
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PGE POLE #1582 #23  
NT - CLASS NT - NT  
NJUNS PT #: N/A  
19' 6" :SHRW  
NB - SHRW PLACE NEW ANCHOR & DOWNGUY 15' (NE).  
NB - SHRW REQUESTS TO LOWER CM COML 4" FOR  
SHRW TO ATTACH AT POLE.  
NB - SHRW PLACE NEW RISER & S.O.B. IN (E) QUAD.



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MATCH SHEET 3.3

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS		DESIGN DRAWN	
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07/25/22	ORIGINAL ISSUE	-	-
07/27/22	MINOR CHANGES/CLARIFICATIONS	-	-



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WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
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CONSTRUCTION NOTES

- 1

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PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT

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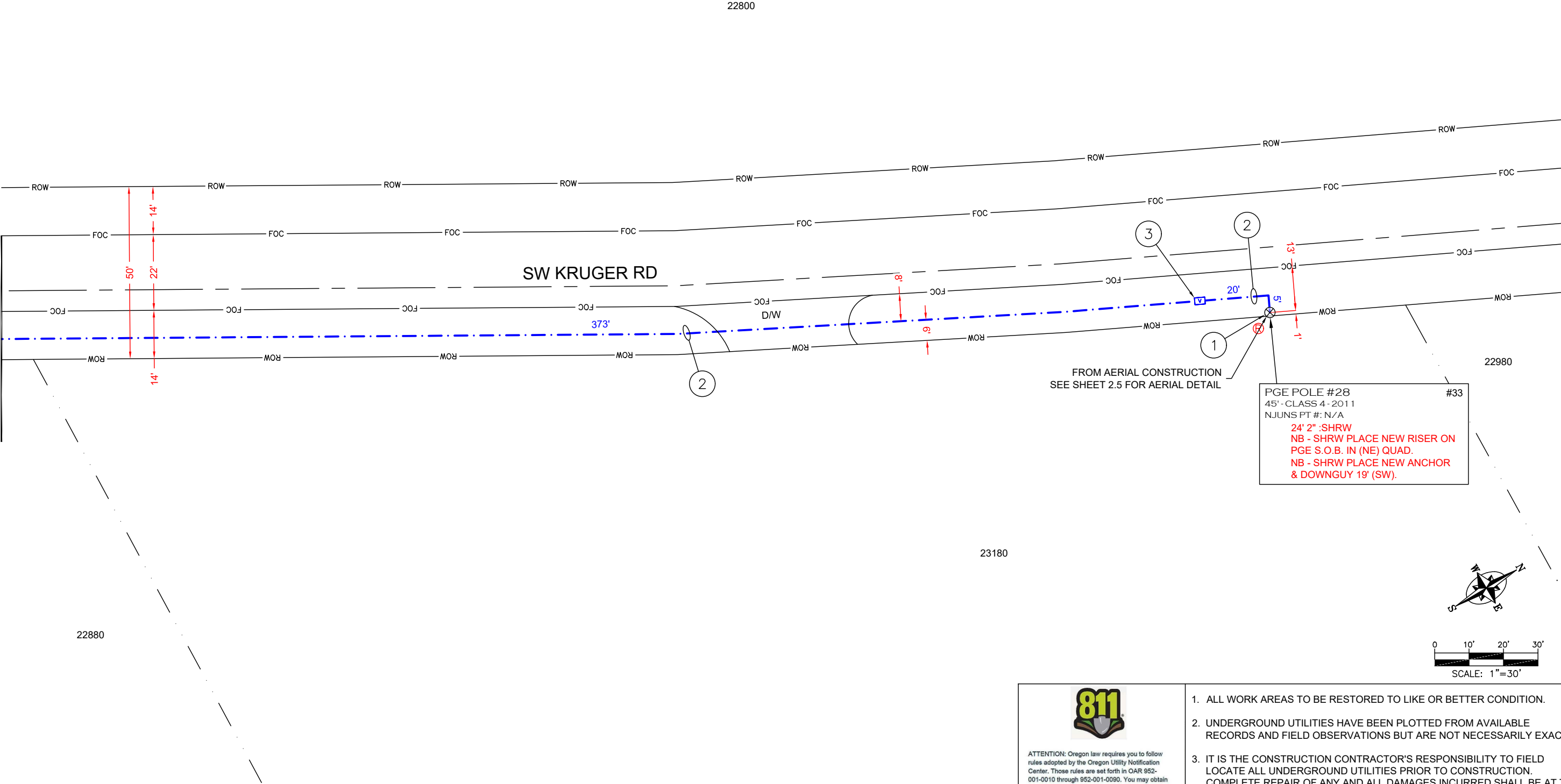
TODD HURD - (360) 713-8638  
HURDT@SHERWOODOREGON.GOV

SHEET

3.5

PROJECT ID  
SHW-39486-16658

MATCH SHEET 3.6

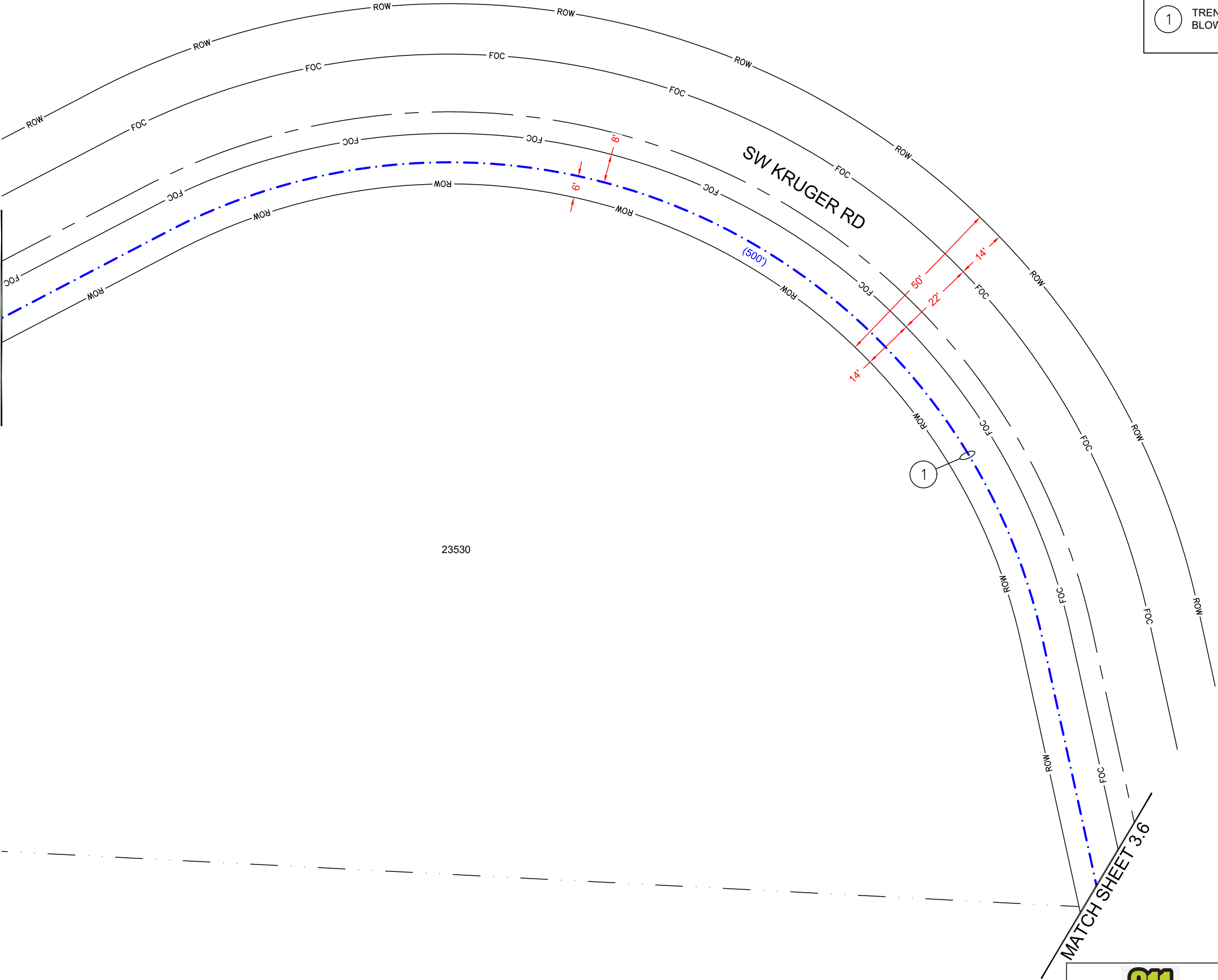


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MATCH SHEET 3.8

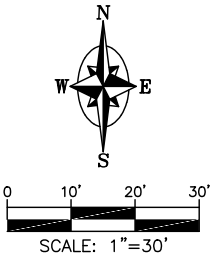


CONSTRUCTION NOTES

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SHEET

3.7

PROJECT ID  
SHW-39486-16658


KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

MATCH SHEET 3.9

MATCH SHEET 3.7

CONSTRUCTION NOTES

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TERMINATE NEW CONDUIT IN VAULT
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TECHNICAL SOLUTIONS

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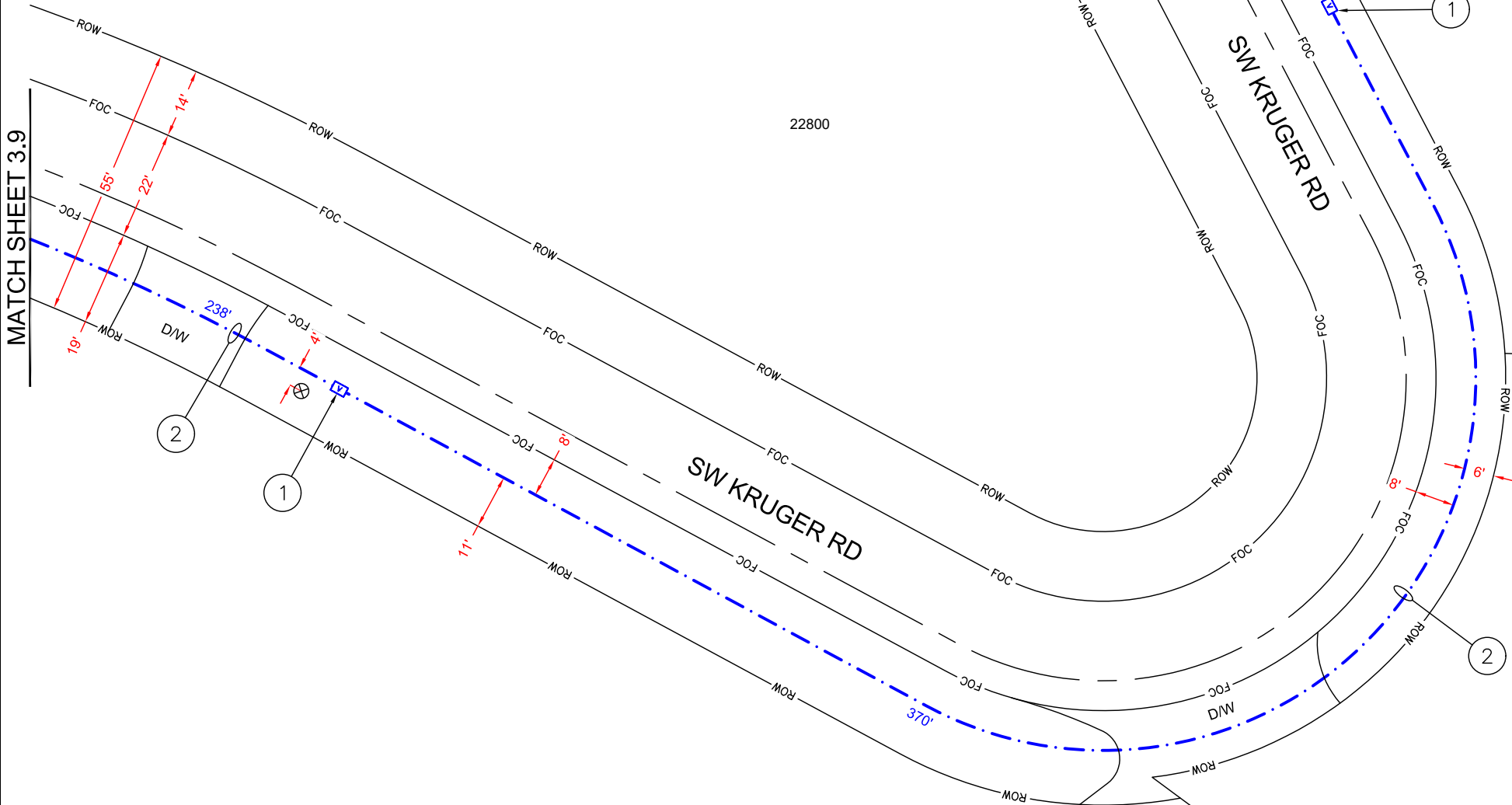
Sherwood  
Broadband

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SHEET

3.8

PROJECT ID  
SHW-39486-16658



23530



0 10' 20' 30'

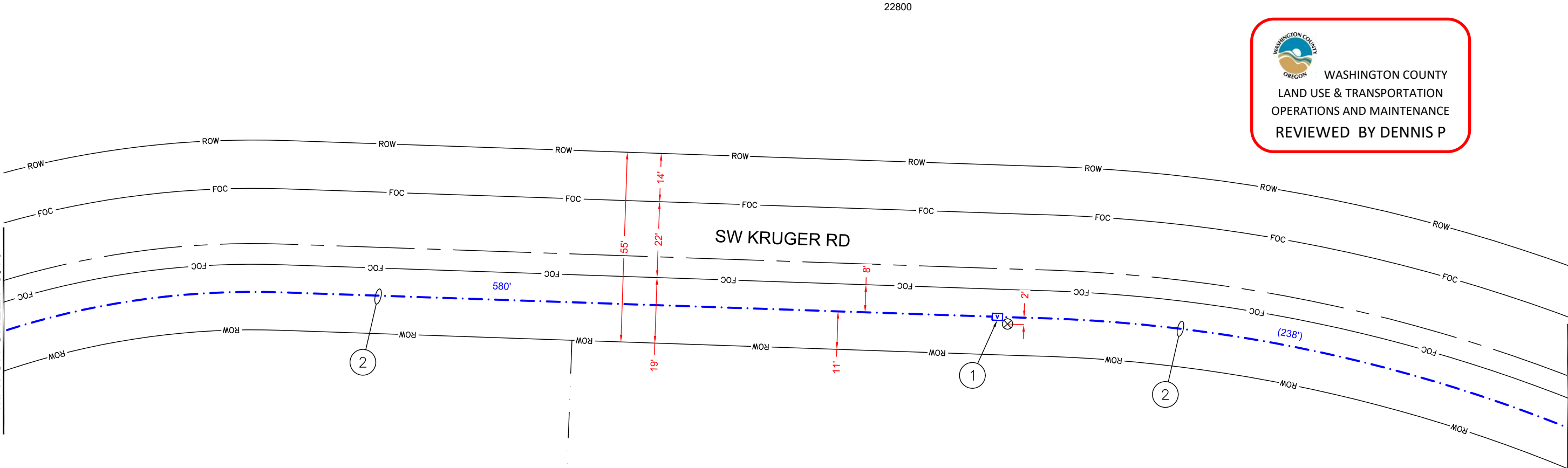
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MATCH SHEET 3.10



CONSTRUCTION NOTES

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SHEET

3.9

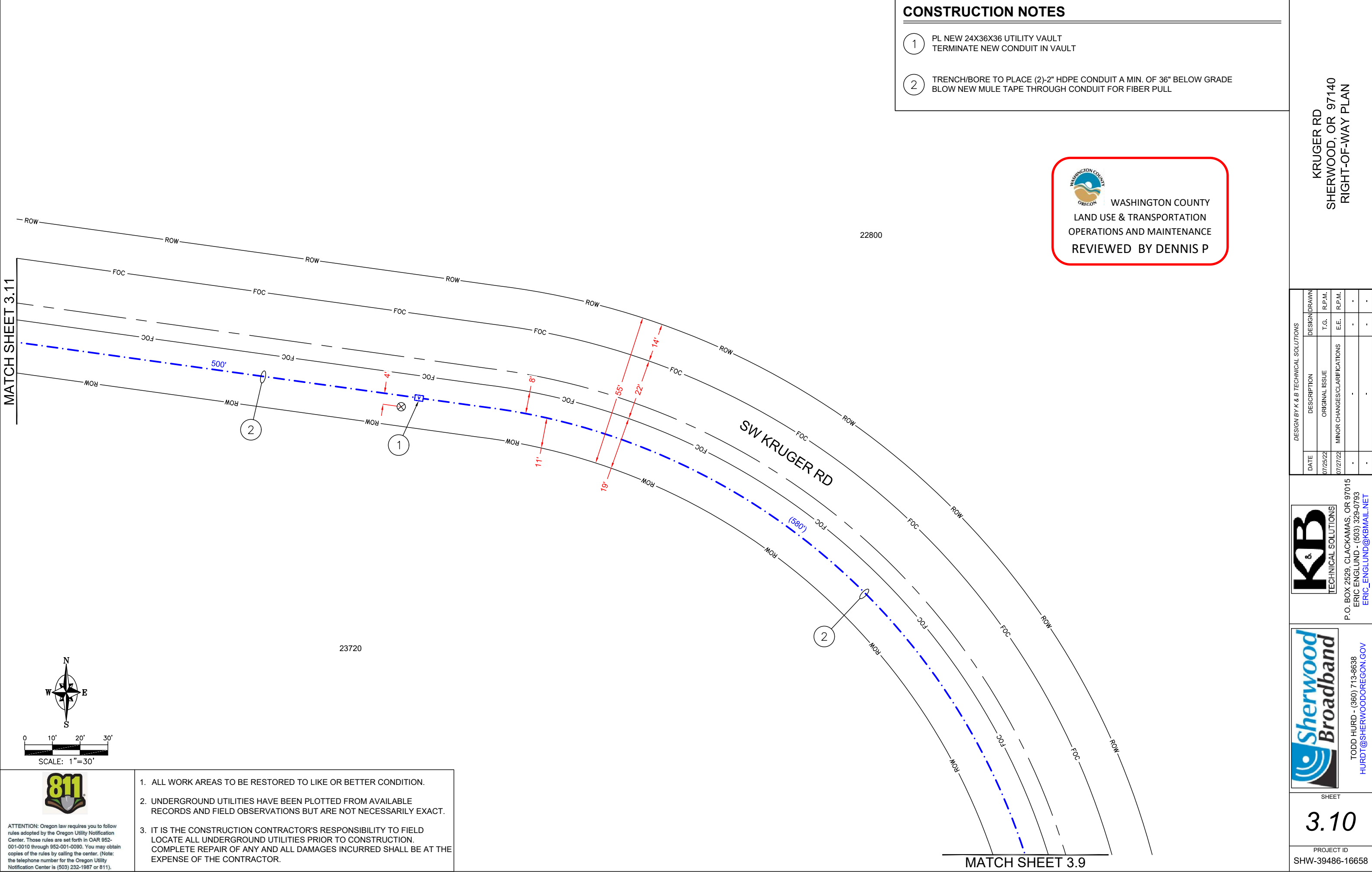
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CONSTRUCTION NOTES

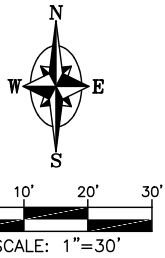
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MATCH SHEET 3.11

MATCH SHEET 3.9



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SHEET

3.10

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KRUGER RD  
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RIGHT-OF-WAY PLAN



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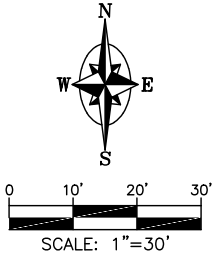
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MATCH SHEET 3.12

CONSTRUCTION NOTES

- 1 PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT
- 2 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL



KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
-	-	-	-
-	-	-	-



P.O. BOX 2529, CLACKAMAS, OR 97015  
ERIC ENGLUND - (503) 329-0793  
ERIC\_ENGLUND@KBMAIL.NET



TODD HURD - (360) 713-8638  
HURDT@SHERWOODOREGON.GOV

SHEET

3.11

PROJECT ID  
SHW-39486-16658

MATCH SHEET 3.10

23870

22580

22730

23720

22800

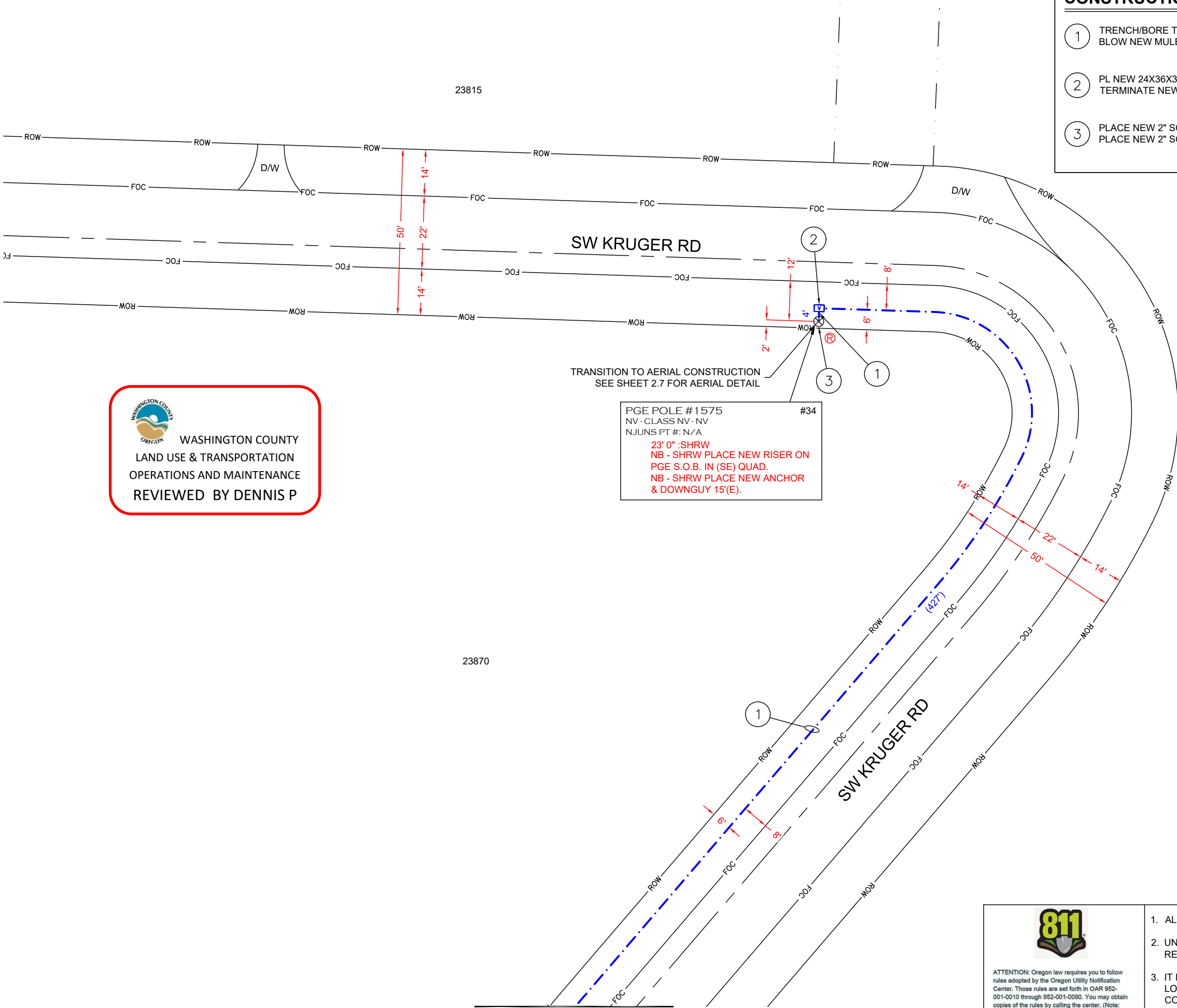
SW KRUGER RD

(500')

2


1

2




CONSTRUCTION NOTES

- 1 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 2 PL NEW 24X36X36 UTILITY VAULT TERMINATE NEW CONDUIT IN VAULT
- 3 PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE



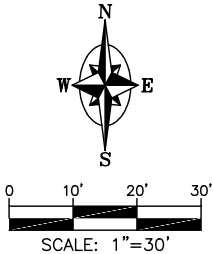
WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

PGE POLE #1575  
NV - CLASS NV - NV  
NJUNS PT #: N/A  
23' 0" :SHRW  
NB - SHRW PLACE NEW RISER ON  
PGE S.O.B. IN (SE) QUAD.  
NB - SHRW PLACE NEW ANCHOR  
& DOWNGUY 15'(E).




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KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

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07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
-	-	-	-
-	-	-	-



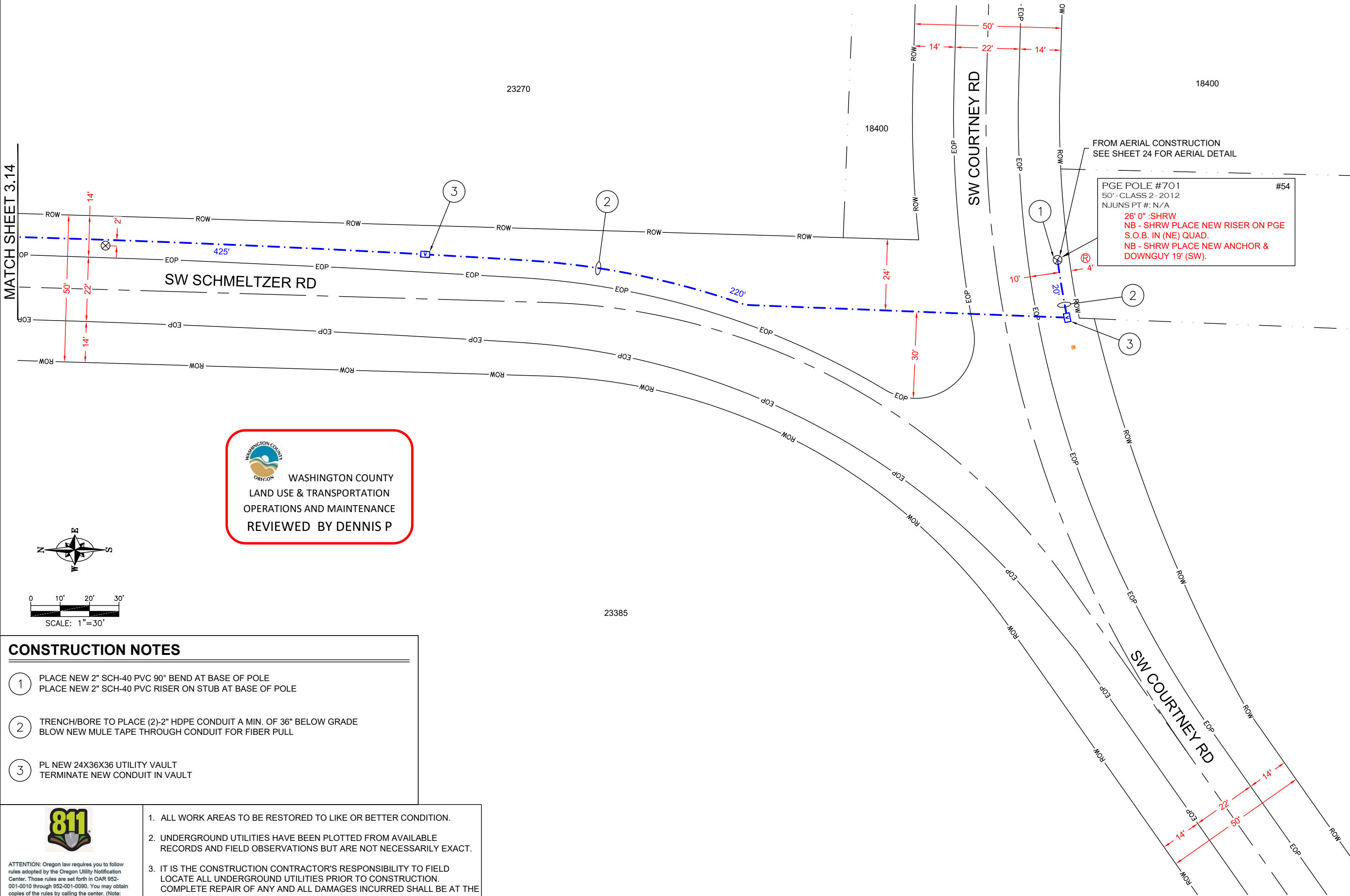
P.O. BOX 2529, CLACKAMAS, OR 97015  
ERIC ENGLUND - (503) 329-0793  
ERIC\_ENGLUND@KBMAIL.NET



TODD HURD - (360) 713-8638  
HURDT@SHERWOODOREGON.GOV

SHEET  
3.12  
PROJECT ID  
SHW-39486-16658

MATCH SHEET 3.14



### CONSTRUCTION NOTES

1. PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE
2. TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
3. PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT



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KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

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07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
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.	.	.	.



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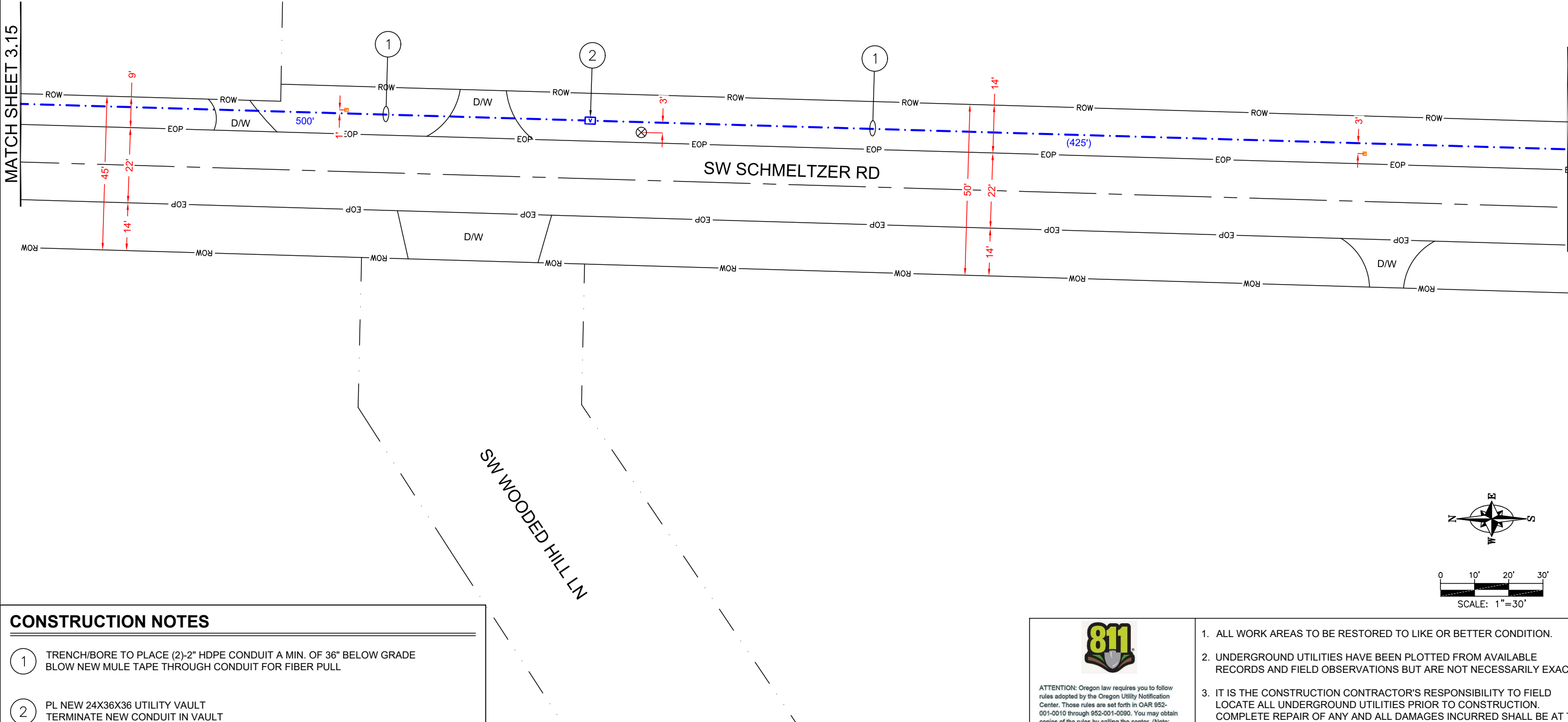
TODD HURD - (360) 713-8638  
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SHEET

3.13

PROJECT ID  
SHW-39486-16658

MATCH SHEET 3.15



CONSTRUCTION NOTES

- 1 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 2 PL NEW 24X36X36 UTILITY VAULT TERMINATE NEW CONDUIT IN VAULT



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WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

MATCH SHEET 3.13

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07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.



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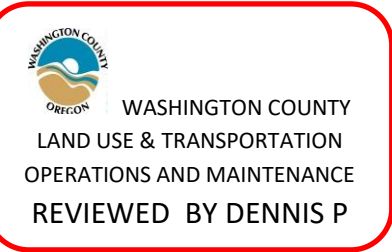
SHEET

3.14

PROJECT ID  
SHW-39486-16658

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

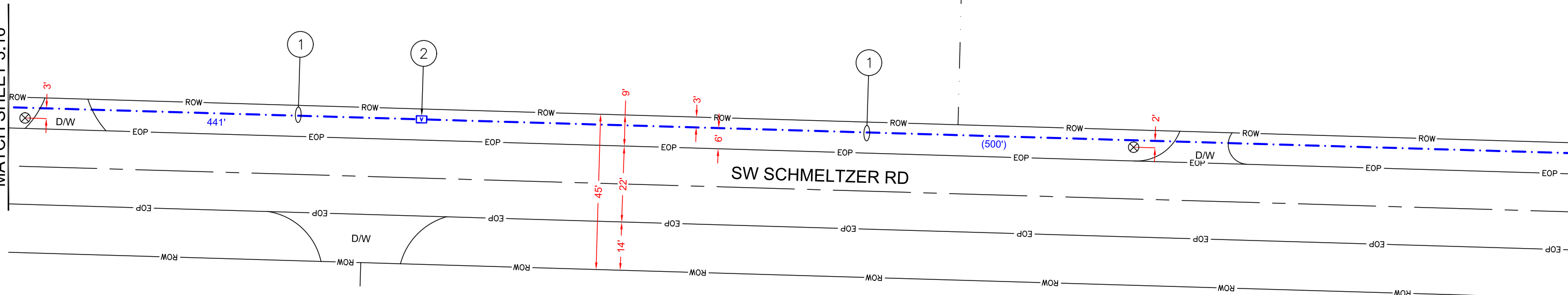




WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P

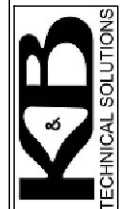
KRUGER RD  
 SHERWOOD, OR 97140  
 RIGHT-OF-WAY PLAN

MATCH SHEET 3.16



MATCH SHEET 3.14

DESIGN BY K & B TECHNICAL SOLUTIONS			
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07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
-	-	-	-
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SHEET

### 3.15

PROJECT ID
SHW-39486-16658

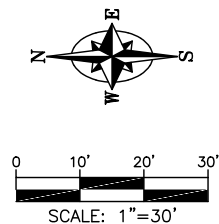
## CONSTRUCTION NOTES

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TERMINATE NEW CONDUIT IN VAULT

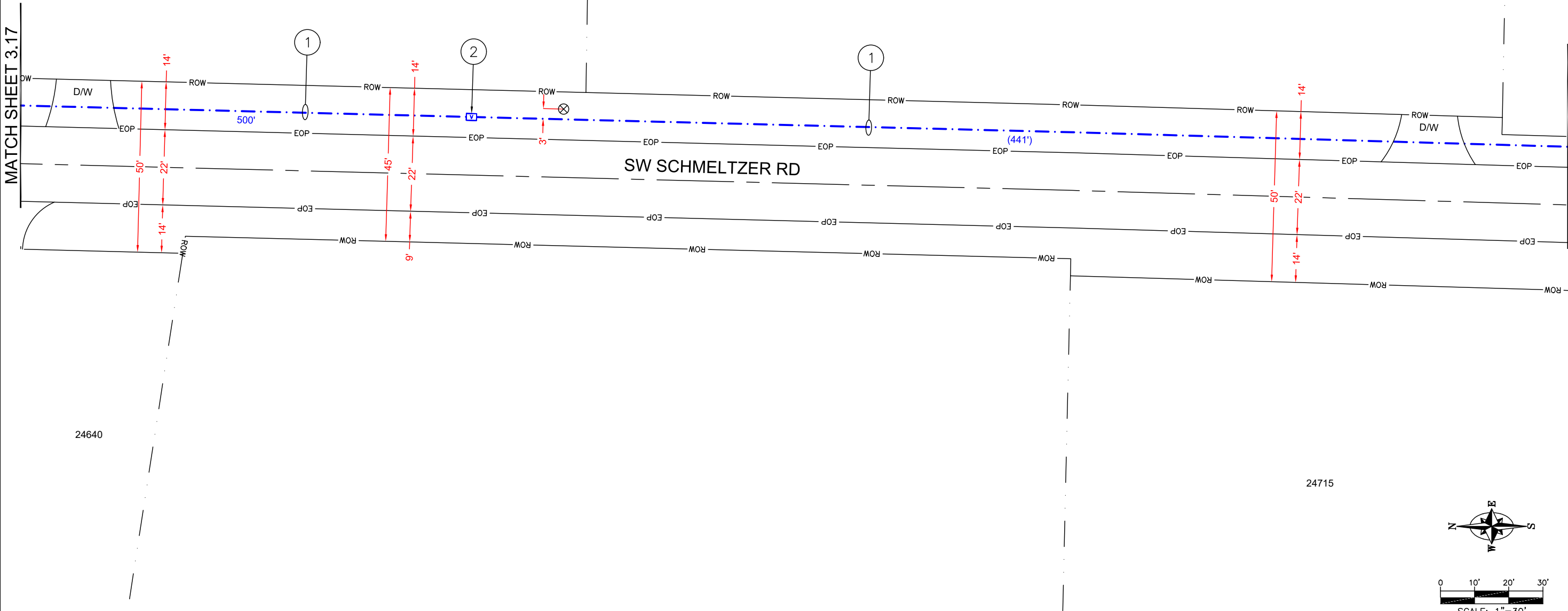


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MATCH SHEET 3.17



- CONSTRUCTION NOTES**
- 1 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
  - 2 PL NEW 24X36X36 UTILITY VAULT TERMINATE NEW CONDUIT IN VAULT



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07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E. R.P.M.
-	-	-
-	-	-



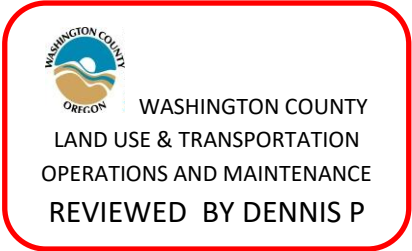
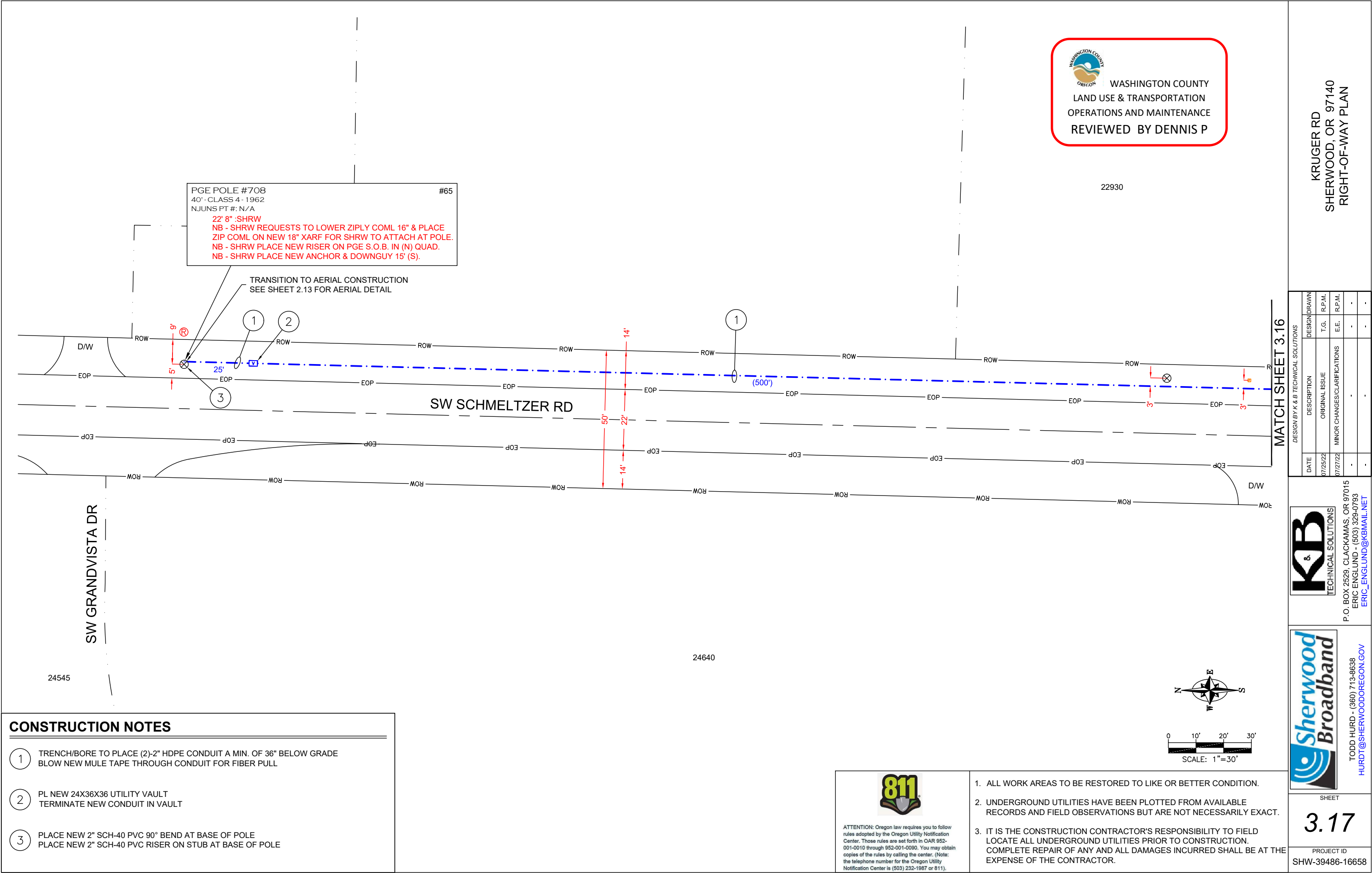
P.O. BOX 2529, CLACKAMAS, OR 97015  
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[HURDT@SHERWOODOREGON.GOV](mailto:HURDT@SHERWOODOREGON.GOV)

SHEET
3.16
PROJECT ID
SHW-39486-16658

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN



KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS		DESIGN DRAWN	
DATE	DESCRIPTION	T.G.	R.P.M.
07/25/22	ORIGINAL ISSUE	E.E.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	.	.



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HURDT@SHERWOODOREGON.GOV

SHEET

3.17

PROJECT ID  
SHW-39486-16658

CONSTRUCTION NOTES

- 1 TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 2 PL NEW 24X36X36 UTILITY VAULT TERMINATE NEW CONDUIT IN VAULT
- 3 PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE



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CONSTRUCTION NOTES

1

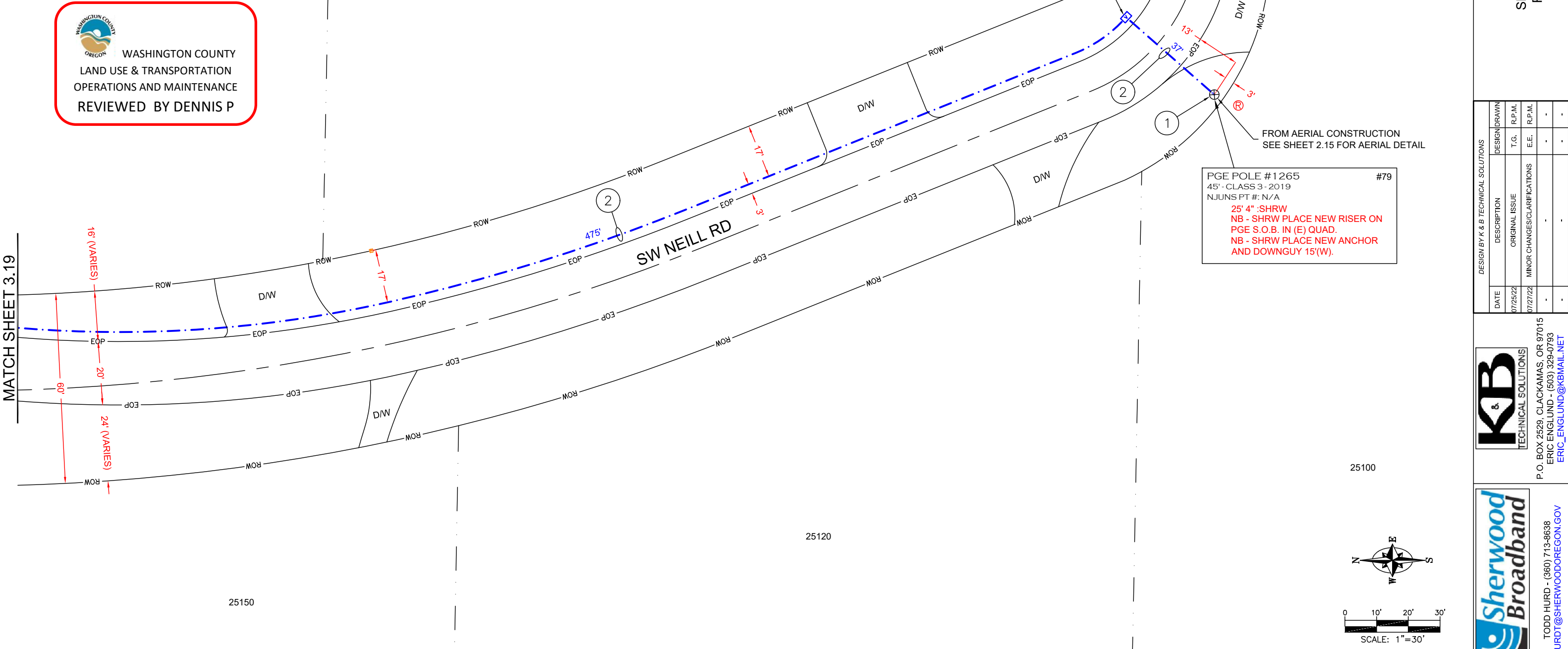
PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE

2

TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL

3

PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT



811

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0 10' 20' 30'

SCALE: 1"=30'

TODD HURD - (360) 713-8638  
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DESIGN BY K & B TECHNICAL SOLUTIONS

DATE	DESCRIPTION	DESIGN DRAWN
07/25/22	ORIGINAL ISSUE	T.G. R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E. R.P.M.

PROJECT ID

SHW-39486-16658

SHEET

3.18

KRUGER RD

SHERWOOD, OR 97140

RIGHT-OF-WAY PLAN


CONSTRUCTION NOTES

1

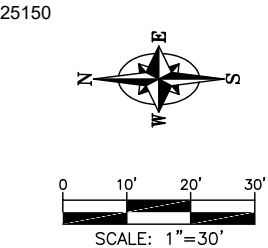
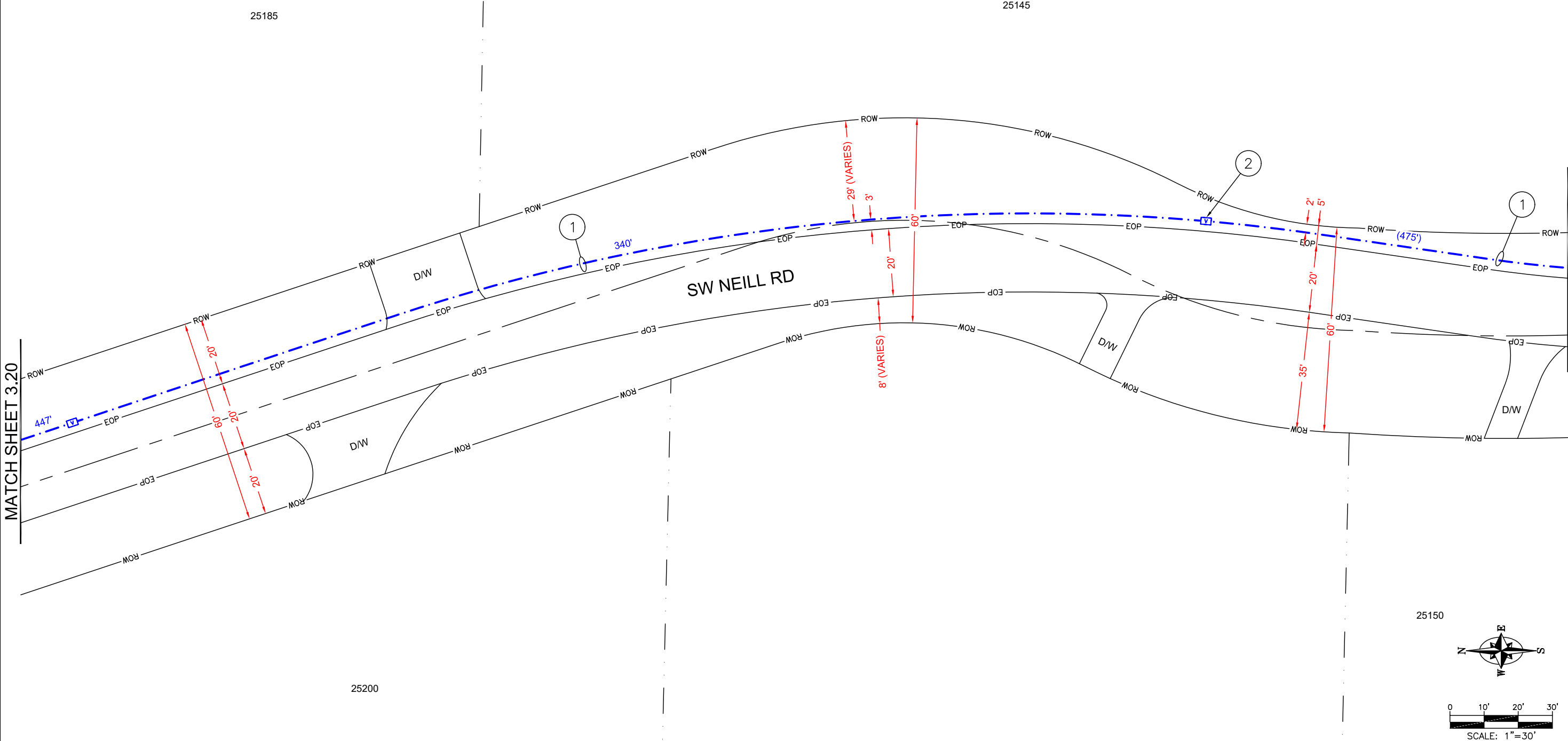
TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL

2

PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
REVIEWED BY DENNIS P



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MATCH SHEET 3.18

DESIGN BY K & B TECHNICAL SOLUTIONS		DESIGN DRAWN	
DATE	DESCRIPTION	T.G.	R.P.M.
07/25/22	ORIGINAL ISSUE	E.E.	-
07/27/22	MINOR CHANGES/CLARIFICATIONS	-	-



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SHEET

3.19

PROJECT ID  
SHW-39486-16658

KRUGER RD  
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RIGHT-OF-WAY PLAN




CONSTRUCTION NOTES

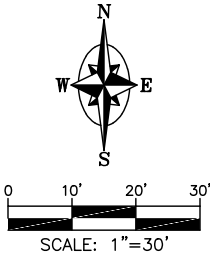
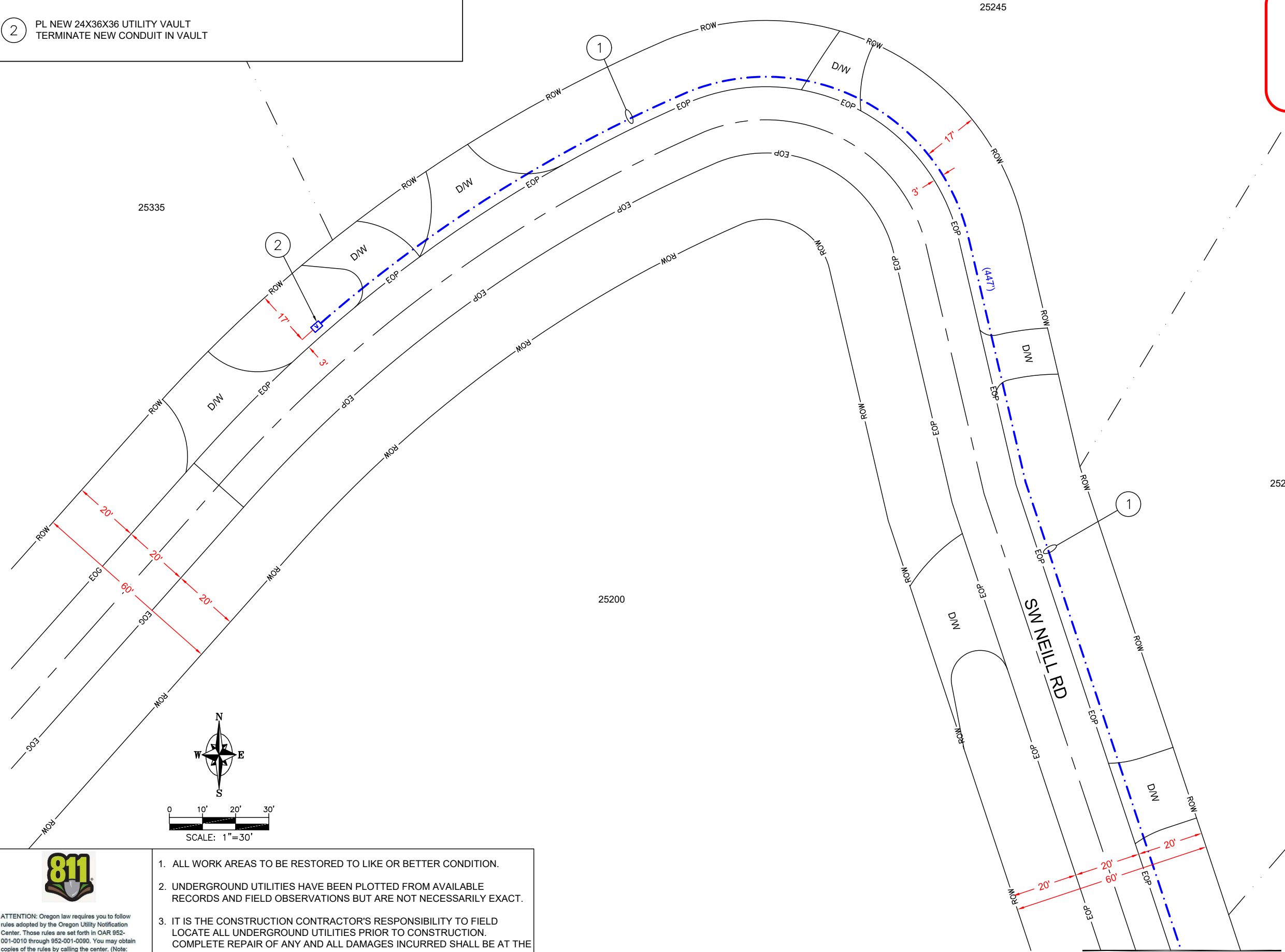
- 1

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BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL
- 2

PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT



WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
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SHEET

3.20

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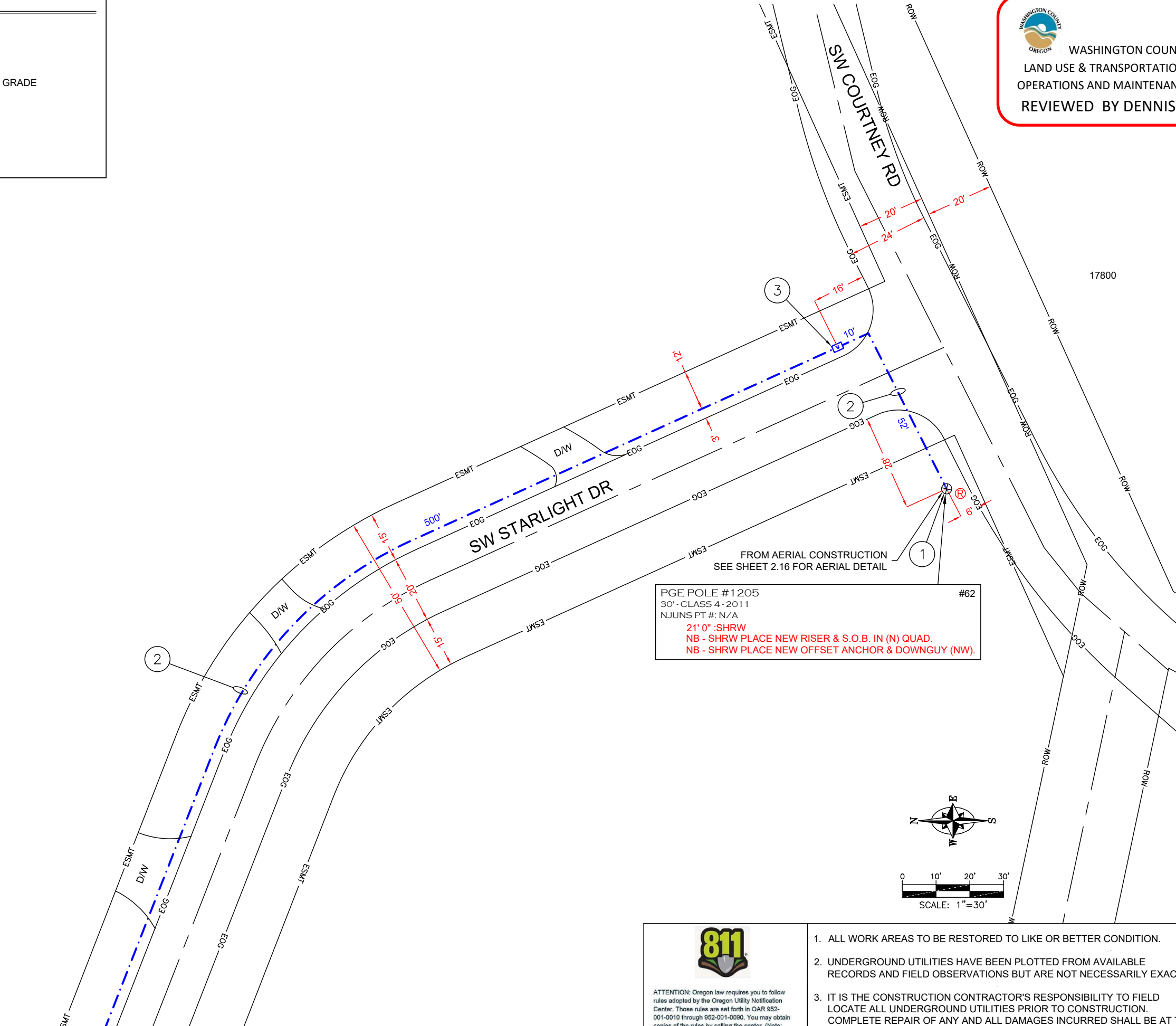
CONSTRUCTION NOTES


- 1

PLACE NEW 2" SCH-40 PVC 90° BEND AT BASE OF POLE  
PLACE NEW 2" SCH-40 PVC RISER ON STUB AT BASE OF POLE
- 2

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PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT





WASHINGTON COUNTY  
LAND USE & TRANSPORTATION  
OPERATIONS AND MAINTENANCE  
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SHEET

3.21

PROJECT ID  
SHW-39486-16658

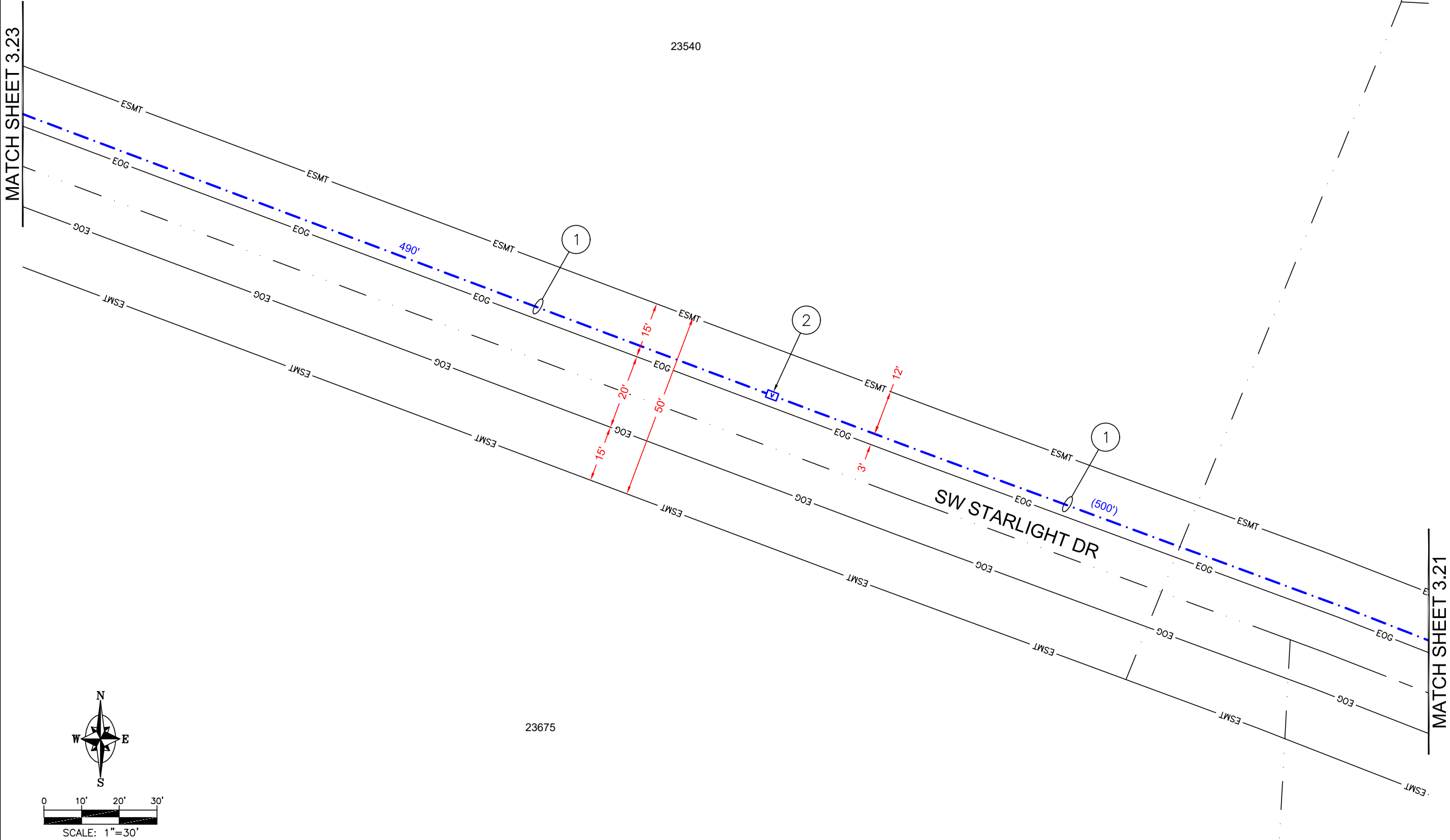
CONSTRUCTION NOTES


1

TRENCH/BORE TO PLACE (2)-2" HDPE CONDUIT A MIN. OF 36" BELOW GRADE  
BLOW NEW MULE TAPE THROUGH CONDUIT FOR FIBER PULL

2

PL NEW 24X36X36 UTILITY VAULT  
TERMINATE NEW CONDUIT IN VAULT





ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503) 232-1987 or 811).


1. ALL WORK AREAS TO BE RESTORED TO LIKE OR BETTER CONDITION.

2. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT.


3. IT IS THE CONSTRUCTION CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

DESIGN BY K & B TECHNICAL SOLUTIONS			
DATE	DESCRIPTION	DESIGN DRAWN	
07/25/22	ORIGINAL ISSUE	T.G.	R.P.M.
07/27/22	MINOR CHANGES/CLARIFICATIONS	E.E.	R.P.M.
-	-	-	-
-	-	-	-



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SHEET

3.22

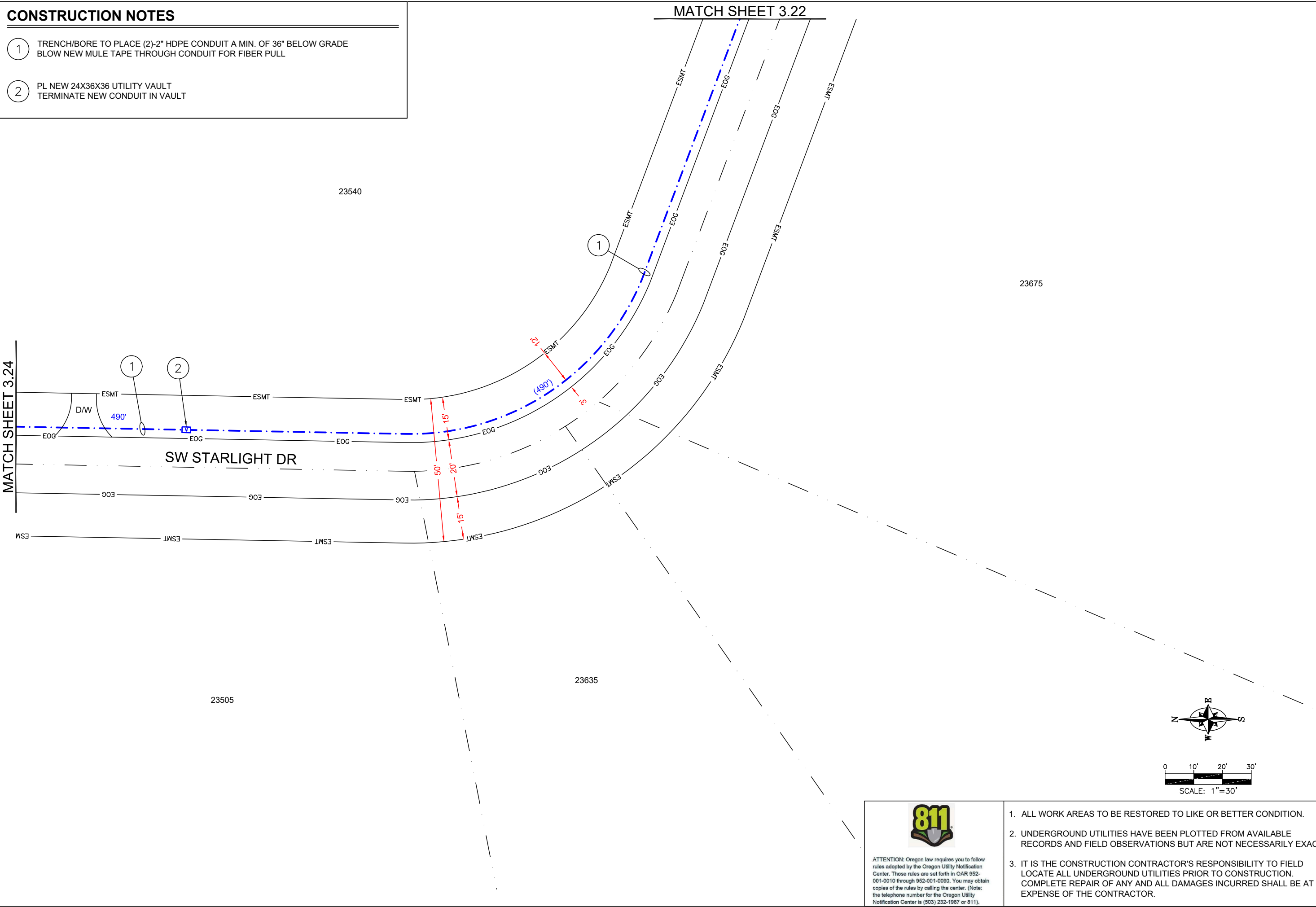
PROJECT ID  
SHW-39486-16658

## CONSTRUCTION NOTES

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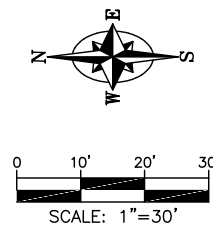
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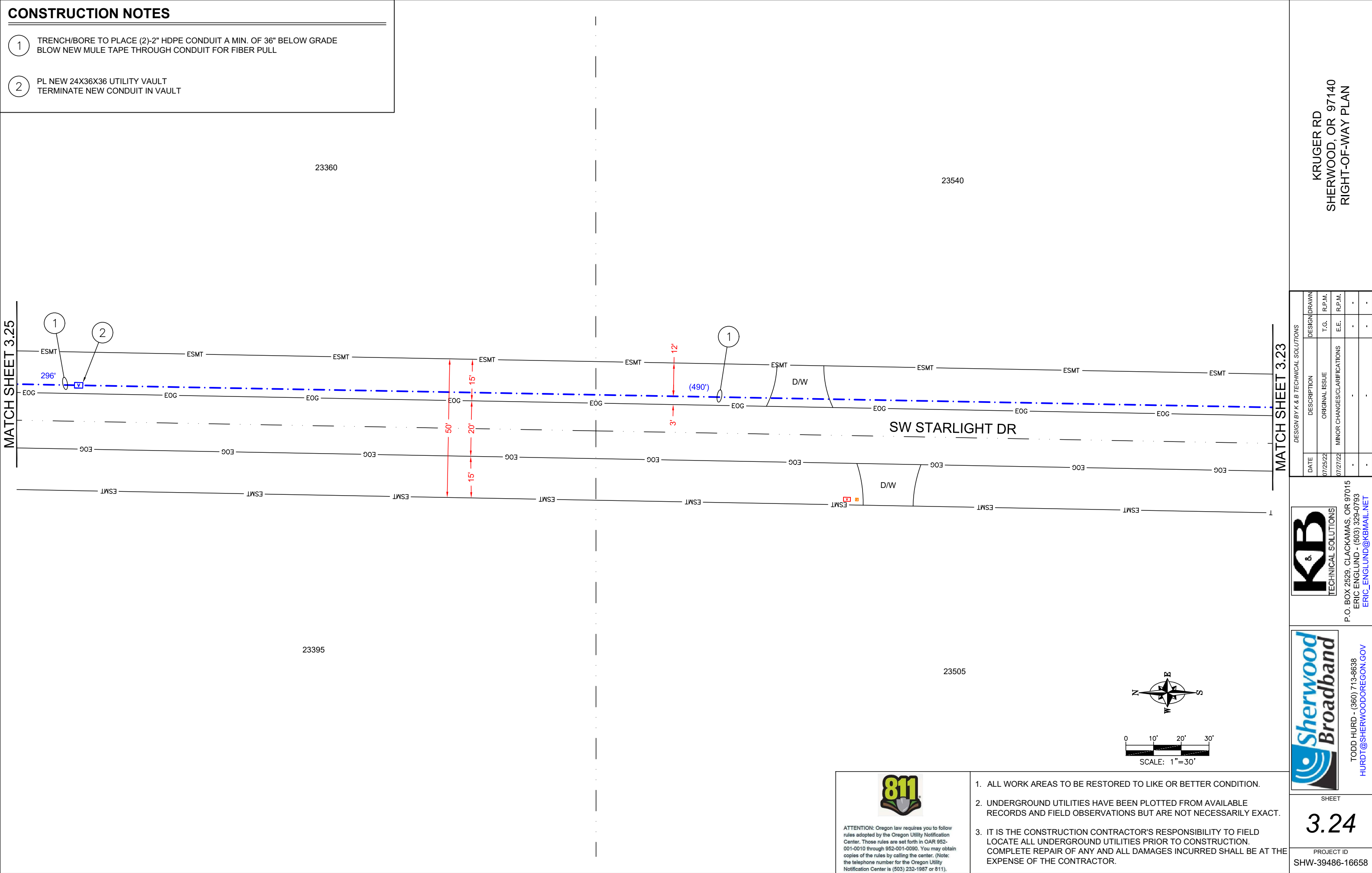
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KRUGER RD  
 SHERWOOD, OR 97140  
 RIGHT-OF-WAY PLAN

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### 3.23

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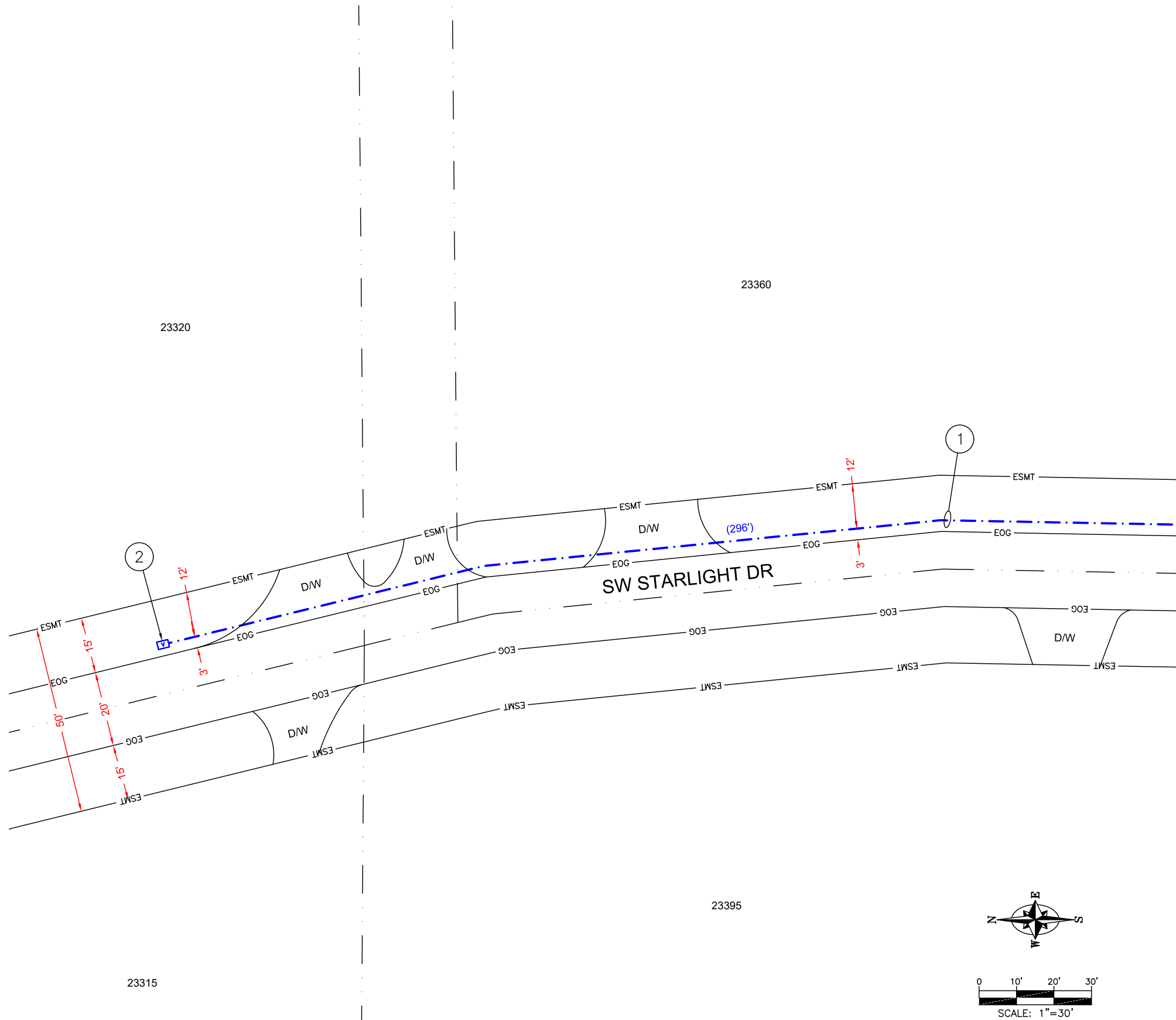


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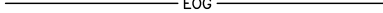

















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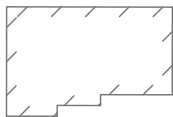
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SHW-39486-16658

KRUGER RD  
SHERWOOD, OR 97140  
RIGHT-OF-WAY PLAN

## LINETYPES

EXISTING AERIAL CABLE	
PROPOSED AERIAL CABLE	
EXISTING CONDUIT	
PROPOSED CONDUIT/EMT	
RIGHT-OF-WAY	
PUBLIC UTILITY EASEMENT	
EASEMENT	
PROPERTY	
CENTERLINE	
FACE OF CURB	
EDGE OF PAVEMENT	
EDGE OF CONCRETE	
EDGE OF GRAVEL	
EDGE OF SIDEWALK	
EDGE OF DRIVEWAY	
EXCAVATION LIMITS	
SEWER	
STORM	
WATER	
GAS	
POWER	
TELEPHONE	
FIBER OPTIC	
CATV	
TRAFFIC SIGNAL	
STREET LIGHT	
IRRIGATION	
UNKNOWN UTILITY	
FENCELINE	
GUARD RAIL	
TRACKS	


BUILDING FOOTPRINT



## SYMBOLS

UTILITY POLE	
EXISTING RISER	
PROPOSED RISER	
EXISTING ANCHOR & DOWNGUY	
PROPOSED ANCHOR & DOWNGUY	
PROPOSED GUY TO EXISTING ANCHOR	
EXISTING S/W ANCHOR & DOWNGUY	
PROPOSED S/W ANCHOR & DOWNGUY	
PROPOSED GUY TO EXISTING S/W ANCHOR	
POLE-TO-POLE GUY	
WRECKOUT SPAN	
EXISTING MIDSPAN CLAMP	
PROPOSED MIDSPAN CLAMP	
EXISTING SPLICE	
PROPOSED SPLICE	
PROPOSED AERIAL STORAGE	
VAULT	
PEDESTAL	
MANHOLE	
INLET	
HYDRANT	
METER	
VALVE	
POWER TRANSFORMER	
STREET LIGHT	
TRAFFIC SIGNAL POLE	
SIGNAL CONTROLLER	
CROSS WALK SIGNAL	
RAILROAD SIGNAL	
TREE	
CULVERT	




 WASHINGTON COUNTY  
 LAND USE & TRANSPORTATION  
 OPERATIONS AND MAINTENANCE  
 REVIEWED BY DENNIS P

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 LEGEND & TYPICALS

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