

	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
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AS-BUILT	----	----	----

WAECO ENGINEER
VERIZON ENGINEER

JOSEPH PARKER
MICHAEL HAMLIN

253.315.3326
JPARKER@WAECOENG.COM
503-278-9204
MICHAEL.HAMLIN@VERIZON.COM



518 WEST PIONEER AVE,
PUYALLUP WA 98371



COVER SHEET

ADDRESS: 518 WEST PIONEER AVE, PUYALLUP WA 98371
PROJECT NAME: SEG 6: W PIONEER AVE

CONTACTS

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SHEET INDEX

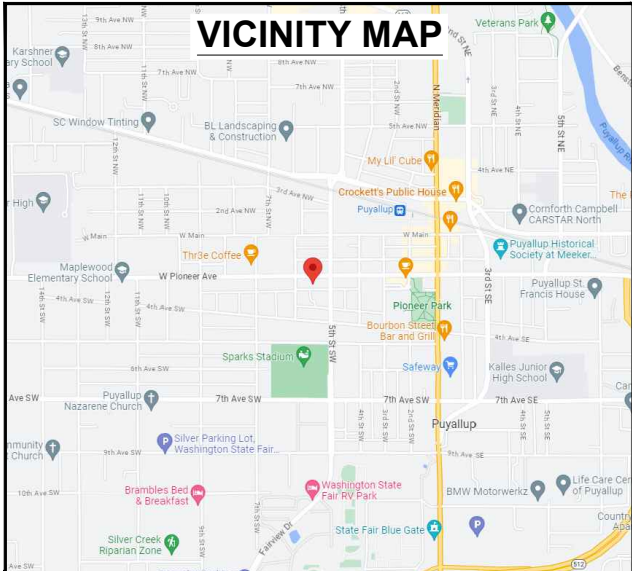
- 1 - COVER SHEET
2 - LEGEND
3 - GENERAL NOTES
4 - 9 - DESIGN VIEWS
10 - 14 - SITE PHOTOGRAPHS
15 - AERIAL TYPICALS
16-17 - TAKE-OFF TABLES

SCOPE OF WORK:

PROJECT CONSISTS OF LASHING (1) 864F
ALONG EXISTING AERIAL STRAND AND
INSTALLING (1) 1/4 EHS STRAND TO LASH (1)
864F

VZB MATERIAL LIST

ITEM	VZ MAT. ID	QTY.
SNOWSHOES (PAIR)		2
SPLICE CASE		1
1/4" EHS STRAND		3,655'
AERIAL 864F CABLE		6,996'



The applicant is responsible to notify the city of a job start 48 hours in advance using the CityView portal.

The permit and traffic control plans shall be posted at the job site and available to inspectors at all times.

Applicant must provide 48hr. notification to residents within 300 feet of the work area either via door hanger, message board or signs posted visibly along the right-of-way.

SITE LOCATION

WAECO INTERNAL PROJECT NUMBER: 1023141.6



Know what's below.
Call before you dig.

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518 WEST PIONEER AVE,
PUYALLUP WA 98371

LEGEND

City of Puyallup Development & Permitting Services ISSUED PERMIT			
Building	Planning		
Engineering	Public Works		
Fire	Traffic		

LINETYPE LEGEND

PROPOSED LINETYPES

	AERIAL FIBER W/ STRAND
	AERIAL FIBER (ADSS)
	AERIAL FIBER W/ OVERLASH
	FIBER THROUGH EXISTING CONDUIT
	CONDUIT
	STRAND

EXISTING LINETYPES

	AERIAL FIBER
	CONDUIT
	STRAND
	RIGHT OF WAY
	PARCEL BOUNDARY
	CURB
	EDGE OF PAVEMENT - ROAD
	FENCE WOOD/METAL
	GAS PIPE
	WATER PIPE
	TELEPHONE LINE
	ELECTRICAL LINE
	SANITARY SEWER (SS)
	STORM DRAIN PIPE
	CABLE TV LINE
	STEAM PIPE
	OIL PIPE
	UNKNOWN UTILITY
	FIBER OPTIC LINE
	TELECOMMUNICATIONS
	STATIONING LINE

IDENTIFICATION LABELS

	CONSTRUCTION/RESTORATION CALLOUT
	UTILITY POLE SEQUENCE CALLOUT
	PHOTO MARKER
	FIBER STORAGE LOOP
	FIBER STORAGE LOOP WITH SPLICE POINT
	EXISTING SPLICE POINT WITH NEW TAIL

HATCH PATTERN LEGEND

	EXISTING SIDEWALK
	CONCRETE RESTORATION
	ASPHALT RESTORATION
	ASPHALT OVER PCC RESTORATION
	LANDSCAPE RESTORATION

DRAWING SYMBOL LEGEND

PROPOSED SYMBOLS

	UTILITY RISER
	UTILITY POLE
	POLE ANCHOR/DOWN GUY
	MANHOLE
	HANDHOLE
	PEDESTAL
	PULLBOX
	FIBER DISTRIBUTION PANEL
	DOWN GUY ON EXISTING ANCHOR
	MULTIPOINT SERVICE TERMINAL
	UTILITY POTHOLE

EXISTING SYMBOLS

	UTILITY RISER
	UTILITY POLE
	POLE ANCHOR/DOWN GUY
	MANHOLE
	HANDHOLE
	PEDESTAL
	PULLBOX
	FIBER DISTRIBUTION PANEL
	GROUND BOND
	UTILITY BREAK/CONTINUATION
	UTILITY END
	MISCELLANEOUS UTILITY
	BORE PIT
	CATCH BASIN
	FIRE HYDRANT
	STREET LIGHT POST
	STREET LIGHT
	TRAFFIC ARM/STOP LIGHT
	TREE
	BUSH
	HEDGE

ABBREVIATIONS

EHS	EXTRA HIGH STRENGTH	RGS	RIGID GALVANIZED STEEL CONDUIT
HDPE	HIGH DENSITY POLYETHYLENE	ROW	RIGHT OF WAY
HH	HANDHOLE	STA.	STATION
JB	JUNCTION BOX	PD-##	PEDESTAL NUMBER
MH	MANHOLE	VT-##	VAULT NUMBER
MP	MILE POST	UP-##	UTILITY POLE NUMBER
MST	MULTIPOINT SERVICE TERMINAL	###F	FIBER CABLE THREAD COUNT
PVC	POLY VINYL CHLORIDE		

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

PERMIT NUMBER: PRFUP20231487

SHEET # 2 OF 17

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INTERNAL PROJECT NUMBER: 1023141.6



Know what's below.
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GENERAL NOTES

GENERAL NOTES: The locations of utilities shown on these drawing are only approximate. Waeco Engineering hereby disclaims any responsibility to third parties for the accuracy of this information. Persons working in the area covered by this drawing must contact the statewide call-before-you-dig system to ascertain the location of underground utilities prior to performing any excavation.

- All materials, workmanship, and construction of utility improvements shall meet or exceed site work standards and the standards and specifications set forth in the jurisdiction regulations and applicable state and federal regulations. Where there is conflict between these plans and the specifications, or any applicable standards, the higher quality standard shall apply. All work within public r.o.w. Or easements may require inspected and approved by the jurisdiction inspector. Inspection services and construction certification to be provided by designee of project sponsor/owner.
- The contractor is specifically cautioned that the location and/or elevation of existing utilities, as shown on these plans, is based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied upon as being exact or complete. The contractor must call the local utility location center at least 48 hours before any excavation to request exact field locations of existing utilities. The contractor shall verify pertinent locations and elevations, especially at the connection points and at potential utility conflicts. It shall be the responsibility of the contractor to relocate all existing utilities that conflict with the proposed improvements shown on these plans.
- The contractor shall be responsible for obtaining all necessary permits from all applicable agencies. The contractor shall notify the jurisdiction inspector at least 48 hours prior to the start of any earth disturbing activity or construction on any and all public improvements if required.
- The contractor shall coordinate and cooperate with the jurisdiction and all utility companies with regard to relocations or adjustments of existing utilities during construction, to assure that the work is accomplished in a timely fashion, and with a minimum disruption of service. The contractor shall be responsible for contacting all parties affected by any disruption of any utility service.
- The contractor shall have one (1) signed copy of the approved plans, one (1) copy of the appropriate standards and specifications, and one (1) copy of any permits and extension agreements needed for the job on-site at all times.
- The contractor shall be responsible for all aspects of safety including, but not limited to: excavation, trenching, shoring, traffic control, and security.
- If, during the construction process, conditions are encountered by the contractor, his subcontractors, or other affected parties which could indicate a situation that is not identified in the plans or specifications, the contractor shall contact the engineer immediately.
- All references to any published standards shall refer to the latest revision of said standard, unless specifically stated otherwise.
- For work affecting public roadways or if required by the jurisdiction, the contractor shall submit a traffic control and phasing plan in accordance with m.u.t.c.d. For approval. Prior to any construction activities within or affecting the right-of-way, the contractor shall be responsible for providing any and all traffic control devices as may be required by said plans. Prior to installation a preconstruction conference shall be held with jurisdiction.
- The contractor is responsible for providing all labor and materials necessary for the completion of the intended improvements shown on these drawings or designated to be provided, installed, constructed, removed or relocated unless specifically noted otherwise.
- Per agency standards the contractor shall be responsible for keeping roadways free and clear of all construction debris and dirt tracked from the site.
- The contractor shall be responsible for recording record information on a set of record drawings kept at the construction site and available to the jurisdiction inspector at all times.
- Dimensions for layout and construction are not to be scaled from any drawing. For additional information contact the engineer for clarification and note on the record drawings.
- All erosion and sediment control (e.s.c.) Measures shall be installed at the limits of construction prior to ground disturbing activity. All e.s.c. Measures shall be maintained in good repair by the contractor until such time as the entire disturbed areas are stabilized with hard surface or landscaping.
- All work within the public right-of-way is subject to the jurisdiction of the jurisdiction engineering department standard details and specifications.
- All construction operations, including the warming up, repair, arrival, departure or running of trucks, earth moving equipment, construction equipment and any other associated equipment shall generally be limited to the time period approved by the jurisdiction.

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

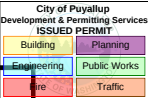
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PERMIT NUMBER: PRFUP20231487

SHEET #

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VERIZON ENGINEER

JOSEPH PARKER
MICHAEL HAMLIN

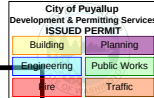
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518 WEST PIONEER AVE,
PUYALLUP WA 98371



DESIGN VIEW



Pole Owner: PSE		
POLE #1: 568230-155328		
Current	Height	Make-Ready
Secondary	27'-8"	
MCI 028	22'-11"	
Zayo 016	22'-1"	
CTL 005	18'-7"	

Pole Owner: PSE		
POLE #1: 568231-155317		
Current	Height	Make-Ready
Secondary	28'	
Secondary	27'-9"	
Sec. Drip	26'-8"	27'-9"
MCI 028	24'-9"	23'-10"
Zayo 016	23'-10"	22'-10"
CTL 005	19'-3"	
PMR: Raise Secondary Drip to 27'-9" CMR: Lower MCI 028 to 23'-10" CMR: Lower ZAYO 016 to 22'-10"		

Pole Owner: CTL		
POLE #3: A3651984		
Current	Height	Make-Ready
MCI 028	24'-10"	
Zayo 016	23'-4"	
CTL 005	20'-10"	

Pole Owner: PSE		
POLE #4: 568232-155276		
Current	Height	Make-Ready
Secondary	29'-6"	
STLT	29'-2"	
MCI 028	25'-8"	
Zayo 016	23'-9"	
CTL 005	21'-8"	

CONSTRUCTION NOTES

1

LASH (1) 864F TO EXISTING STRAND

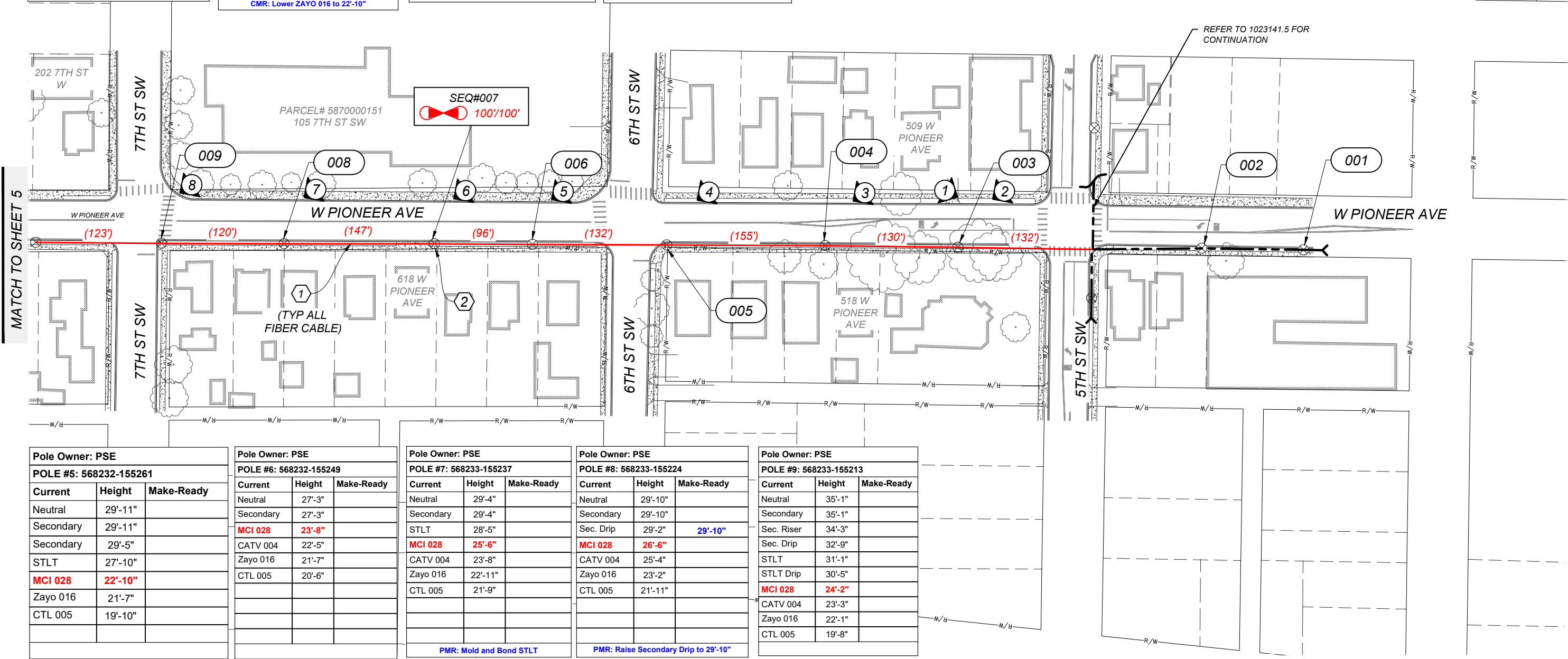
2

SPLICE LOCATION. LEAVE (2) 100' TAILS TO BE SPLICED

POT HOLE UTILITY CROSSINGS PRIOR TO BORE

#

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION.



Pole Owner: PSE		
POLE #5: 568232-155261		
Current	Height	Make-Ready
Neutral	29'-11"	
Secondary	29'-11"	
Secondary	29'-5"	
STLT	27'-10"	
MCI 028	22'-10"	
Zayo 016	21'-7"	
CTL 005	19'-10"	

Pole Owner: PSE		
POLE #6: 568232-155249		
Current	Height	Make-Ready
Neutral	27'-3"	
Secondary	27'-3"	
MCI 028	23'-8"	
CATV 004	22'-5"	
Zayo 016	21'-7"	
CTL 005	20'-6"	

Pole Owner: PSE		
POLE #7: 568233-155237		
Current	Height	Make-Ready
Neutral	29'-4"	
Secondary	29'-4"	
STLT	28'-5"	
MCI 028	25'-6"	
CATV 004	23'-8"	
Zayo 016	22'-11"	
CTL 005	21'-9"	
PMR: Mold and Bond STLT		

Pole Owner: PSE		
POLE #8: 568233-155224		
Current	Height	Make-Ready
Neutral	29'-10"	
Secondary	29'-10"	
Sec. Drip	29'-2"	29'-10"
MCI 028	26'-6"	
CATV 004	25'-4"	
Zayo 016	23'-2"	
CTL 005	21'-11"	
PMR: Raise Secondary Drip to 29'-10"		

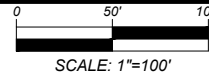
Pole Owner: PSE		
POLE #9: 568233-155213		
Current	Height	Make-Ready
Neutral	35'-1"	
Secondary	35'-1"	
Sec. Riser	34'-3"	
Sec. Drip	32'-9"	
STLT	31'-1"	
STLT Drip	30'-5"	
MCI 028	24'-2"	
CATV 004	23'-3"	
Zayo 016	22'-1"	
CTL 005	19'-8"	

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

PERMIT NUMBER: PRFUP20231487



SHEET #

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INTERNAL PROJECT NUMBER: 1023141.6



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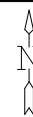
WAECO ENGINEER
VERIZON ENGINEER

JOSEPH PARKER
MICHAEL HAMLIN

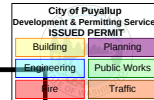
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518 WEST PIONEER AVE,
PUYALLUP WA 98371



DESIGN VIEW



Pole Owner: CTL		
POLE #10: A1937498		
Current	Height	Make-Ready
MCI 028	23'-4"	
CATV 004	22'-7"	
Zayo 016	21'-11"	
CTL 005	19'	

Pole Owner: PSE		
POLE #11: 568234-155196		
Current	Height	Make-Ready
Neutral	31'	
Secondary	31'	
Sec. Drip	30'-2"	
STLT	26'-11"	
MCI 028	23'	
CATV 004	22'	
Zayo 016	21'	
CTL 005	20'	

Pole Owner: PSE		
POLE #12: 568234-155183		
Current	Height	Make-Ready
Neutral	30'-3"	
Secondary	30'-3"	
MCI 028	26'-3"	
CATV 004	25'-4"	
Zayo 016	23'-3"	
CTL 005	22'	

Pole Owner: PSE		
POLE #13: 568233-155168		
Current	Height	Make-Ready
Neutral	29'-5"	
Secondary	29'-5"	
STLT	28'-6"	
MCI 028	25'-6"	
CATV 004	24'-6"	
Zayo 016	23'-6"	
CTL 005	21'-10"	

Pole Owner: PSE		
POLE #14: 568234-155157		
Current	Height	Make-Ready
Neutral	31'-3"	
Secondary	31'-3"	
Secondary	31'	
Sec. Drip	30'-6"	
MCI 028	22'-10"	
CATV 004	21'-11"	
Zayo 016	20'-10"	
CTL 005	20'-1"	
Tree Trim May be Required		

CONSTRUCTION NOTES

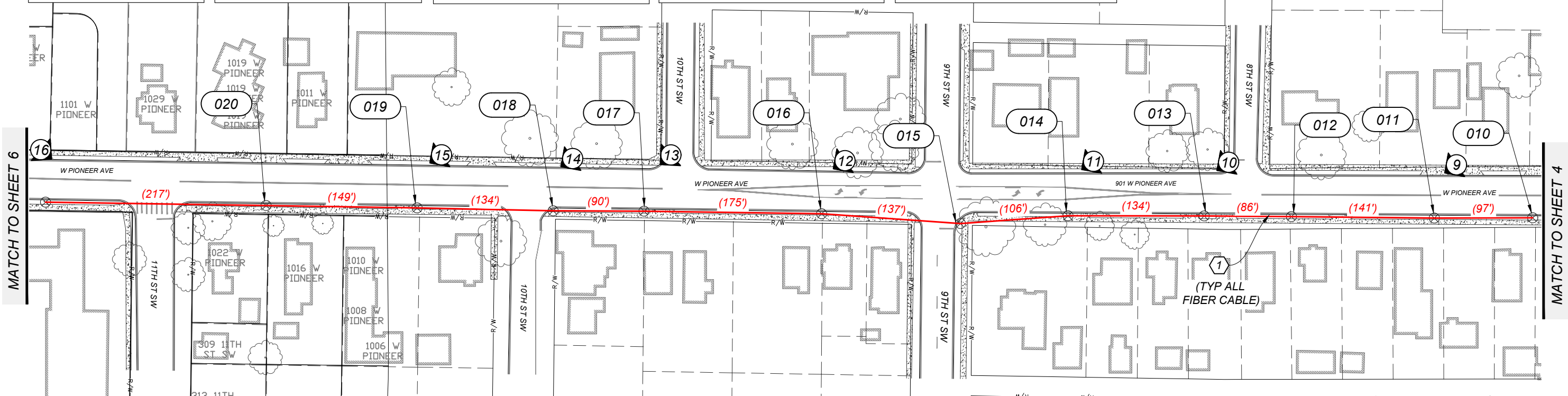
1

LASH (1) 864F TO EXISTING STRAND

POTHOLE UTILITY CROSSINGS PRIOR TO BORE

#

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION.



Pole Owner: PSE		
POLE #15: 568235-155144		
Current	Height	Make-Ready
Neutral	30'-8"	
Secondary	30'-8"	
STLT	27'-11"	
MCI 028	25'-5"	
CATV 004	24'-5"	
CTL 005	22'-7"	

Pole Owner: PSE		
POLE #16: 568235-155127		
Current	Height	Make-Ready
Neutral	30'-1"	
Secondary	30'-1"	
Secondary	29'-10"	
MCI 028	25'-9"	
CATV 004	24'-10"	
Zayo 016	23'-9"	
CTL 005	21'-11"	

Pole Owner: PSE		
POLE #17: 568235-155115		
Current	Height	Make-Ready
Secondary	26'-6"	
Sec. Riser	26'-5"	
Sec. Drip	25'-7"	26'-5"
MCI 028	23'	
CATV 004	22'	
Zayo 016	20'-9"	
CTL 005	18'-6"	
PMR: Raise Drip to 26'5"		

Pole Owner: PSE		
POLE #18: 568236-155103		
Current	Height	Make-Ready
Neutral	29'-7"	
Secondary	29'-7"	
Sec. Drip	29'	
STLT	27'-3"	
MCI 028	24'	
CATV 004	23'	
Zayo 016	22'-2"	
CTL 005	21'	
CTL 005	18'-9"	

Pole Owner: PSE		
POLE #19: 568236-155088		
Current	Height	Make-Ready
Secondary	32'-8"	
Sec. Drip	31'-3"	
MCI 028	27'-11"	
CATV 004	27'	
Zayo 016	26'-1"	
CTL 005	24'-2"	

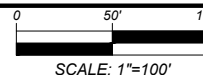
Pole Owner: PSE		
POLE #20: 568236-155078		
Current	Height	Make-Ready
Secondary	32'-9"	
Secondary	32'-5"	
Sec. Drip	31'-7'	
MCI 028	23'-10"	
CATV 004	23'	
Zayo 016	21'-6"	
CTL 005	20'-2"	

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

PERMIT NUMBER: PRFUP20231487



SHEET #

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518 WEST PIONEER AVE,
PUYALLUP WA 98371



DESIGN VIEW

Pole Owner: PSE		
POLE #21: 568237-155057		
Current	Height	Make-Ready
Neutral	30'-8"	
MCI 028	23'-6"	
CATV 004	22'-6"	
Zayo 016	21'-4"	
CTL 005	20'-1"	

Pole Owner: PSE		
POLE #22: 568238-155039		
Current	Height	Make-Ready
Neutral	30'-1"	
MCI 028	25'-4"	
CATV 004	24'-6"	
CTL 005	24'	
Zayo 016	22'-8"	
UPN 023	22'-1"	
UPN 023	21'-7"	

Pole Owner: PSE		
POLE #23: 568238-155030		
Current	Height	Make-Ready
Secondary	28'-9"	
Neutral	28'-2"	
Secondary	28'-2"	
Sec. Drip	27'-4"	28'-2"
MCI 028	25'-8"	24'-8"
CATV 004	24'-8"	23'-7"
Zayo 016	23'-7"	21'-7"
CTL 005	23'	20'-7"
STLT	22'-3"	
UPN 023	21'-7"	19'-7"
UPN 023	21'-3"	18'-7"
PMR: Raise Secondary Drip to 28'-2" CMR: Lower MCI 028 to 24'-8"		
CMR: Lower CATV 004 to 23'-7"		
CMR: Lower Zayo 016 to 21'-7"		
CMR: Lower CTL 005 to 20'-7"		
CMR: Lower UPN 023 to 19'-7"		
CMR: Lower UPN 023 to 18'-7"		

Pole Owner: PSE		
POLE #24: 568238-155019		
Current	Height	Make-Ready
Neutral	30'	
Secondary	30'	
Sec. Drip	28'-8"	
MCI 028	25'-3"	
CATV 004	24'-3"	
Zayo 016	22'-9"	
CTL 005	22'	
UPN 023	20'-11"	

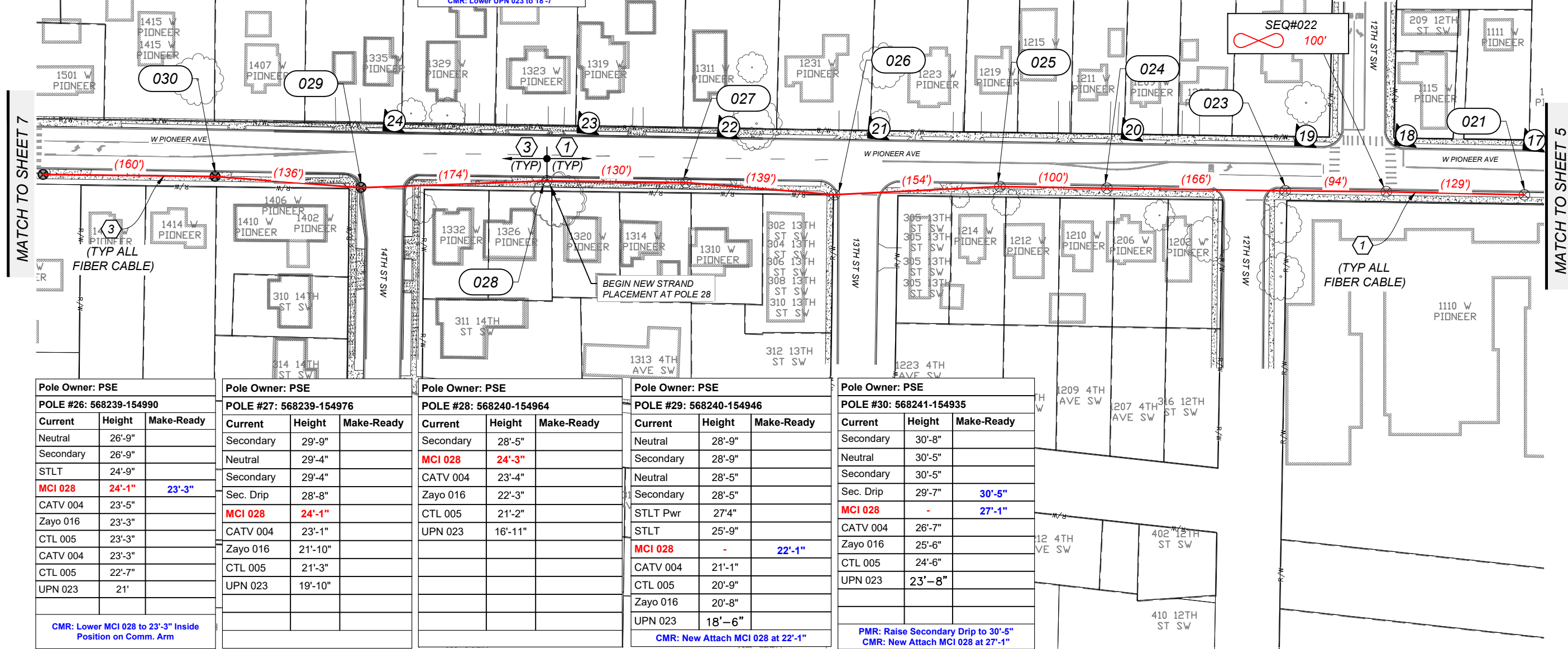
Pole Owner: PSE		
POLE #25: 568239-155004		
Current	Height	Make-Ready
Neutral	29'-11"	
Secondary	29'-11"	
Secondary	29'-8"	
Sec. Drip	28'-3"	
MCI 028	24'-10"	
CATV 004	23'-8"	
Zayo 016	21'-6"	
CTL 005	21'-6"	
UPN 023	20'-1"	

CONSTRUCTION NOTES

- LASH (1) 864F TO EXISTING STRAND
- INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F

POTHOLE UTILITY CROSSINGS PRIOR TO BORE

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION.



Pole Owner: PSE		
POLE #26: 568239-154990		
Current	Height	Make-Ready
Neutral	26'-9"	
Secondary	26'-9"	
STLT	24'-9"	
MCI 028	24'-1"	23'-3"
CATV 004	23'-5"	
Zayo 016	23'-3"	
CTL 005	23'-3"	
CATV 004	23'-3"	
CTL 005	22'-7"	
UPN 023	21'	
CMR: Lower MCI 028 to 23'-3" Inside Position on Comm. Arm		

Pole Owner: PSE		
POLE #27: 568239-154976		
Current	Height	Make-Ready
Secondary	29'-9"	
Neutral	29'-4"	
Secondary	29'-4"	
Sec. Drip	28'-8"	
MCI 028	24'-1"	
CATV 004	23'-1"	
Zayo 016	21'-10"	
CTL 005	21'-3"	
UPN 023	19'-10"	

Pole Owner: PSE		
POLE #28: 568240-154964		
Current	Height	Make-Ready
Secondary	28'-5"	
MCI 028	24'-3"	
CATV 004	23'-4"	
Zayo 016	22'-3"	
CTL 005	21'-2"	
UPN 023	16'-11"	

Pole Owner: PSE		
POLE #29: 568240-154946		
Current	Height	Make-Ready
Neutral	28'-9"	
Secondary	28'-9"	
Neutral	28'-5"	
Secondary	28'-5"	
STLT Pwr	27'-4"	
STLT	25'-9"	
MCI 028	-	22'-1"
CATV 004	21'-1"	
CTL 005	20'-9"	
Zayo 016	20'-8"	
UPN 023	18'-6"	
CMR: New Attach MCI 028 at 22'-1"		

Pole Owner: PSE		
POLE #30: 568241-154935		
Current	Height	Make-Ready
Secondary	30'-8"	
Neutral	30'-5"	
Secondary	30'-5"	
Sec. Drip	29'-7"	30'-5"
MCI 028	-	27'-1"
CATV 004	26'-7"	
Zayo 016	25'-6"	
CTL 005	24'-6"	
UPN 023	23'-8"	
PMR: Raise Secondary Drip to 30'-5"		
CMR: New Attach MCI 028 at 27'-1"		



	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
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AS-BUILT	----	----	----

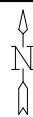
WAECO ENGINEER
VERIZON ENGINEER

JOSEPH PARKER
MICHAEL HAMLIN

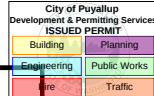
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JPARKER@WAECOENG.COM
503-278-9204
MICHAEL.HAMLIN@VERIZON.COM



518 WEST PIONEER AVE,
PUYALLUP WA 98371



DESIGN VIEW



Pole Owner: PSE		
POLE #31: 568242-154922		
Current	Height	Make-Ready
Neutral	40'-4"	
Secondary	39'-7"	
Sec. Drip	38'-11"	
MCI 028	-	33'
CATV 004	32'	
Zayo 016	31'	
CTL 005	29'-7"	
UPN 023	28'-9"	
CMR: New Attach MCI 028 at 33'		

Pole Owner: PSE		
POLE #32: 568242-154896		
Current	Height	Make-Ready
Neutral	39'-1"	
Secondary	39'-1"	
Sec. Drip	37'-4"	
MCI 028	-	33'
CATV 004	32'	
Zayo 016	31'	
CTL 005	28'-6"	
UPN 023	28'	
CMR: New Attach MCI 028 at 33'		

Pole Owner: PSE		
POLE #33: 568242-154885		
Current	Height	Make-Ready
Neutral	28'-6"	
Secondary	28'-6"	
STLT	26'-6"	
MCI 028	-	23'-7"
CATV 004	22'-7"	
Zayo 016	21'-7"	
CTL 005	18'-6"	
UPN 023	17'-6"	
CMR: New Attach MCI 028 at 23'-7"		

Pole Owner: PSE		
POLE #34: 568242-154876		
Current	Height	Make-Ready
Neutral	29'-9"	
Secondary	29'-9"	
Sec. Drip	28'-9"	
MCI 028	-	25'-10"
CATV 004	24'-10"	
Zayo 016	23'-10"	
UPN 023	21'-6"	
CMR: New Attach MCI 028 at 25'-10"		

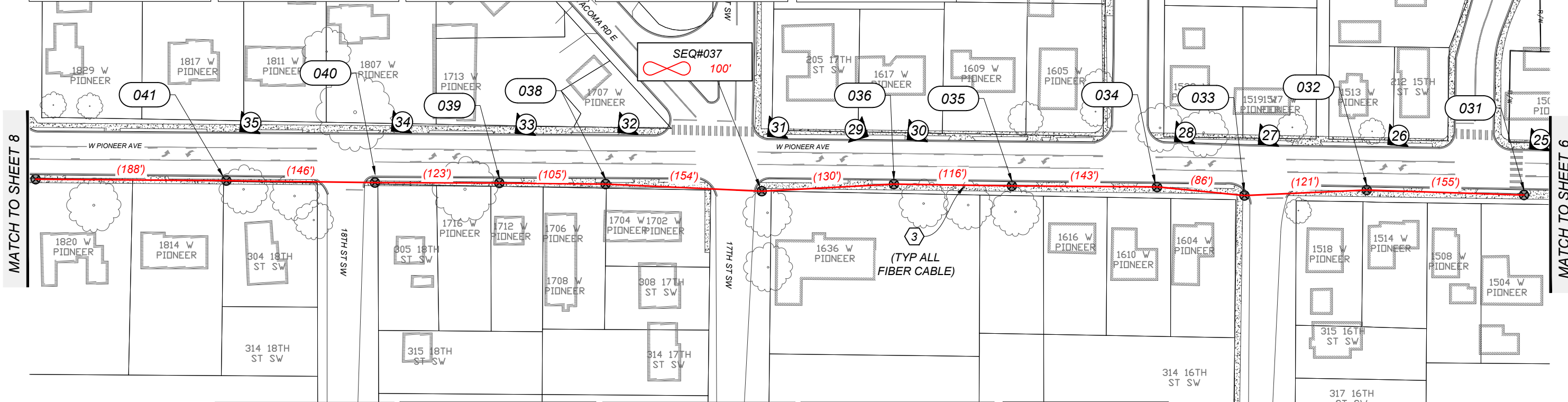
Pole Owner: PSE		
POLE #35: 568242-154861		
Current	Height	Make-Ready
Neutral	30'-1"	
Secondary	30'-1"	
STLT	29'-1"	
Sec. Drip	29'	30'-1"
MCI 028	-	26'-1"
CATV 004	25'-1"	
Zayo 016	24'-1"	
CTL 005	23'-1"	
UPN 023	22'-3"	
PMR: Raise Secondary Drip to 30'-1" PMR: Mold and Bond STLT CMR: New Attach MCI 028 at 26'-1"		

CONSTRUCTION NOTES

3 INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F

POT HOLE UTILITY CROSSINGS PRIOR TO BORE

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION.



Pole Owner: PSE		
POLE #36: 568243-154856		
Current	Height	Make-Ready
Neutral	31'-2"	
Neutral	30'-8"	
Secondary	30'-4"	
Sec. Drip	29'-9"	
MCI 028	-	26'-4"
CATV 004	25'-4"	
Zayo 016	24'-4"	
CTL 005	22'	
UPN 023	20'-1"	
CMR: New Attach MCI 028 at 26'-4"		

Pole Owner: PSE		
POLE #37: 568243-154837		
Current	Height	Make-Ready
Neutral	30'	
Neutral	29'-7"	
Secondary	29'-7"	
STLT	27'-3"	
MCI 028	-	26'-3"
CATV 004	25'-3"	
Zayo 016	21'-8"	
CTL 005	21'-8"	
UPN 023	19'-1"	
CMR: New Attach MCI 028 at 26'-3"		

Pole Owner: PSE		
POLE #38: 568243-154824		
Current	Height	Make-Ready
Neutral	34'-6"	
Secondary	34'-6"	
MCI 028	-	24'-4"
CATV 004	21'-4"	
Zayo 016	20'-3"	
CTL 005	19'-4"	
UPN 023	18'-6"	
CMR: New Attach MCI 028 at 24'-4"		

Pole Owner: PSE		
POLE #39: 568243-154816		
Current	Height	Make-Ready
Neutral	29'-11"	
Secondary	29'-11"	
Sec. Drip	29'-5"	
STLT	27'-4"	
MCI 028	-	25'-7"
CATV 004	24'-7"	
Zayo 016	23'-11"	
CTL 005	22'-11"	
UPN 023	22'-1"	
CMR: New Attach MCI 028 at 25'-7"		

Pole Owner: PSE		
POLE #40: 568237-154799		
Current	Height	Make-Ready
STLT	27'	
Neutral	26'-1"	
Secondary	26'-1"	
Sec. Drip	25'-3"	
MCI 028	-	20'-8"
CATV 004	19'-8"	
Zayo 016	18'-9"	
CTL 005	17'-10"	
UPN 023	16'-10"	
CMR: New Attach MCI 028 at 20'-8"		

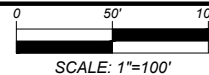
Pole Owner: PSE		
POLE #41: 568244-154785		
Current	Height	Make-Ready
Neutral	33'-8"	
Secondary	33'-8"	
Neutral	32'-9"	
STLT	31'-8"	
MCI 028	-	25'-5"
CATV 004	23'-1"	
Zayo 016	21'-7"	
CTL 005	20'-9"	
UPN 023	19'-11"	
CMR: New Attach MCI 028 at 25'-5" Tree Trim May be Required		

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

PERMIT NUMBER: PRFUP20231487



SHEET #

7 OF 17

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INTERNAL PROJECT NUMBER: 1023141.6



	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

WAECO ENGINEER
VERIZON ENGINEER

JOSEPH PARKER
MICHAEL HAMLIN

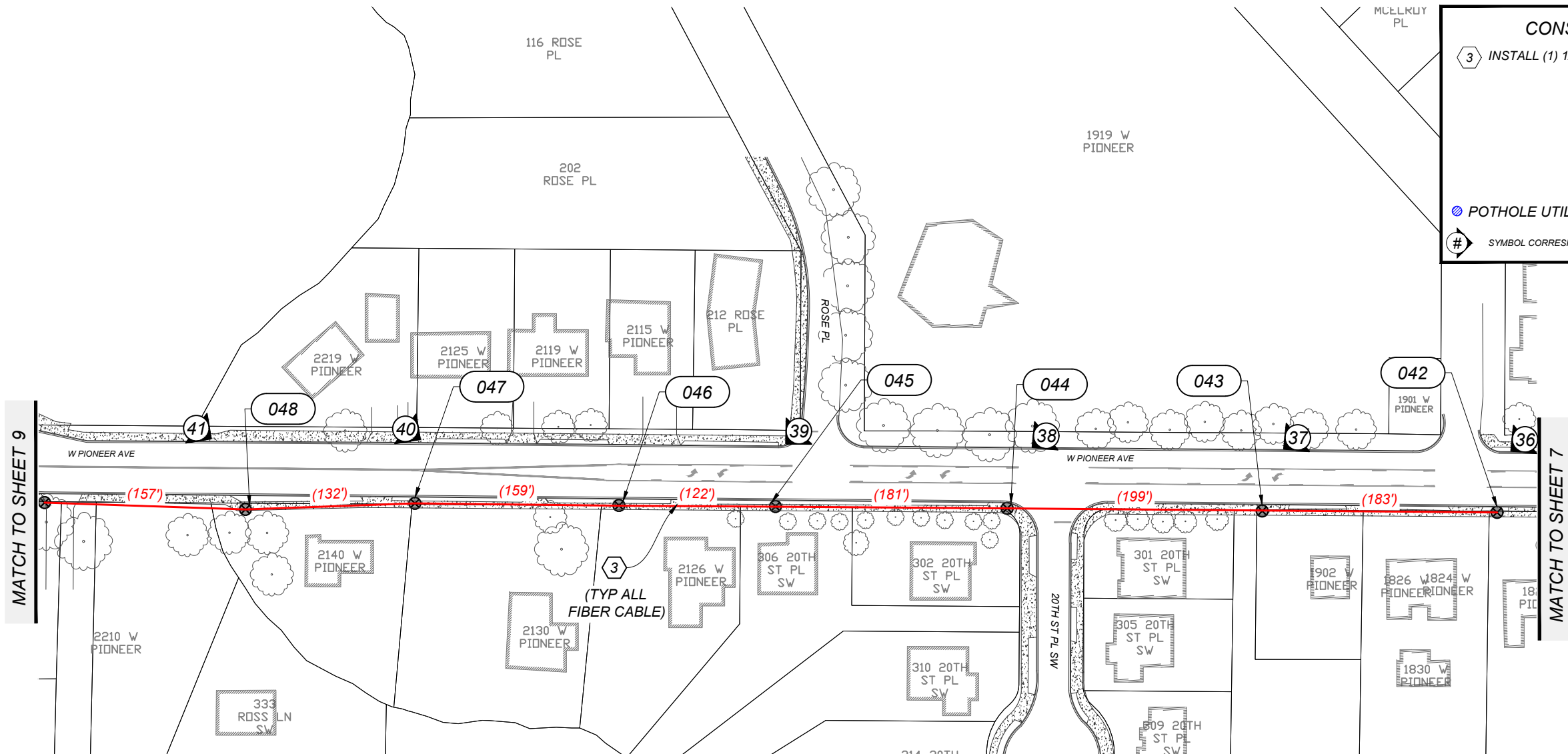
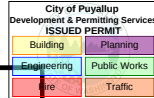
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MICHAEL.HAMLIN@VERIZON.COM



518 WEST PIONEER AVE,
PUYALLUP WA 98371



DESIGN VIEW



CONSTRUCTION NOTES

3 INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F

POT HOLE UTILITY CROSSINGS PRIOR TO BORE

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION.

Pole Owner: PSE		
POLE #42: 568244-154768		
Current	Height	Make-Ready
Neutral	32'	
Secondary	32'	
Secondary	31'6"	
STLT	30'	
MCI 028	-	24'
CATV 004	22'	
Zayo 016	20'11"	
CTL 005	20'	
CTL 005	19'4"	
UPN 023	18'4"	
CMR: New Attach MCI 028 at 24'		

Pole Owner: PSE		
POLE #43: 568244-154758		
Current	Height	Make-Ready
Secondary	29'	
Sec. Riser	29'	
Neutral	28'-11"	
Secondary	28'-11"	
STLT	28'	
Sec. Drip	27'-11"	
MCI 028	-	23'-11"
CATV 004	22'-11"	
Zayo 016	22'	
CTL 005	21'-2"	
UPN 023	20'-4"	
CMR: New Attach MCI 028 at 23'-11"		

Pole Owner: PSE		
POLE #44: 568244-154738		
Current	Height	Make-Ready
Prim. Riser	30'-7"	
Neutral	29'-9"	
Secondary	29'-9"	
STLT	28'-9"	
MCI 028	-	22'-4"
CATV 004	20'-5"	
Zayo 016	19'-3"	
CTL 005	18'	
UPN 023	17'-1"	
CMR: New Attach MCI 028 at 22'-4"		

Pole Owner: PSE		
POLE #45: 568244-154710		
Current	Height	Make-Ready
Neutral	25'-8"	
Secondary	25'-8"	
STLT	24'-11"	
MCI 028	-	22'
CATV 004	22'	21'-1"
Zayo 016	21'-1"	20'-1"
CTL 005	20'-1"	19'-2"
CTL 005	19'-2"	18'-3"
UPN 023	18'-3"	17'-3"
CMR: New Attach MCI 028 at 22' PMR: Mold and Bond STLT CMR: Lower CATV 004 to 21'-1" CMR: Lower Zayo 016 to 20'-1" CMR: Lower CTL 005 to 19'-2" CMR: Lower CTL 005 to 18'-3" CMR: Lower UPN to 17'-3"		

Pole Owner: PSE		
POLE #46: 568244-154703		
Current	Height	Make-Ready
Neutral	25'-7"	
Secondary	25'-7"	
Sec. Drip	25'-1"	25'-7"
STLT	24'-11"	
MCI 028	-	21'-11"
CATV 004	20'-11"	
CTL 005	19'-11"	
Zayo 016	19'-5"	
UPN 023	18'-6"	
PMR: Raise Secondary Drip to 25'-7" PMR: Mold and Bond STLT CMR: New Attach MCI 028 at 21'-11"		

Pole Owner: PSE		
POLE #47: 568244-154688		
Current	Height	Make-Ready
Secondary	30'-5"	
Neutral	30'-1"	
Secondary	30'-1"	
Sec. Drip	29'-11"	
MCI 028	-	26'-3"
CATV 004	25'-3"	
Zayo 016	19'-3"	
UPN 023	18'-5"	
CMR: New Attach MCI 028 at 26'-3"		

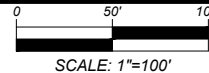
Pole Owner: PSE		
POLE #48: 568244-154673		
Current	Height	Make-Ready
Neutral	27'-7"	
Secondary	27'-7"	
STLT	23'-6"	
MCI 028	-	19'-8"
CATV 004	18'-8"	
Zayo 016	17'-5"	
UPN 023	16'-6"	
CMR: New Attach MCI 028 at 19'-8"		

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

PERMIT NUMBER: PRFUP20231487



SHEET #

8 OF 17

DRAWING NAME: V:\ENGINEERING\BUILT\1023141.6_SUMTAC_2301CTIU_20230228\CAD DATA\1023141.6_PUYALLUP_231CTIU_PLANS.DWG

INTERNAL PROJECT NUMBER: 1023141.6



	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

WAECO ENGINEER
VERIZON ENGINEER

JOSEPH PARKER
MICHAEL HAMLIN

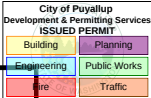
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MICHAEL.HAMLIN@VERIZON.COM



518 WEST PIONEER AVE,
PUYALLUP WA 98371



DESIGN VIEW

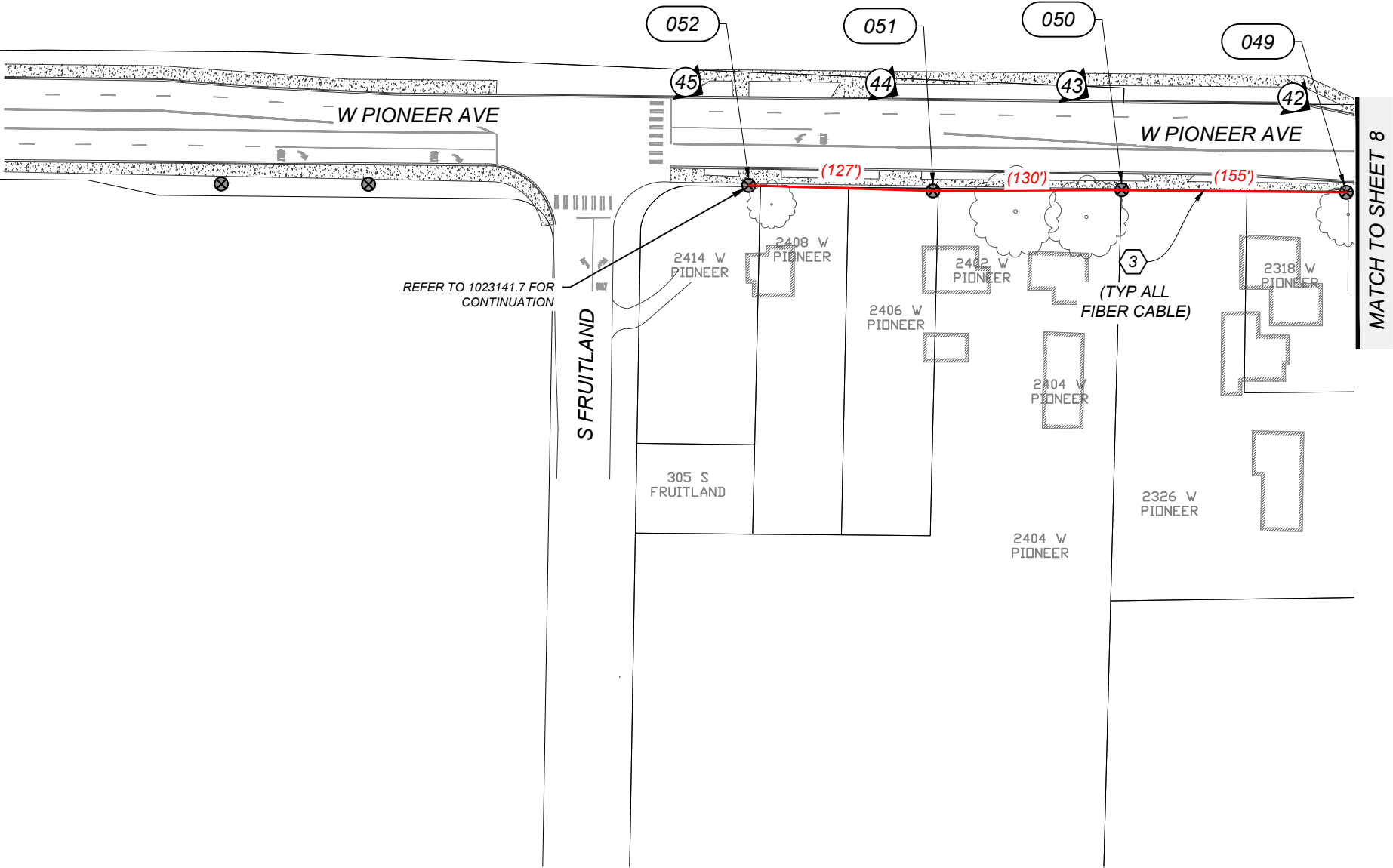


Pole Owner: PSE		
POLE #49: 568245-154651		
Current	Height	Make-Ready
Neutral	33'-1"	
MCI 028	-	27'-1"
CATV 004	26'-1"	
Zayo 016	25'-1"	
UPN 023	24'-1"	
Zayo 014	23'-1"	
CMR: New Attach MCI 028 at 27'-1"		

Pole Owner: PSE		
POLE #50: 568245-154640		
Current	Height	Make-Ready
Sec. Riser	30'-3"	
Neutral	29'-10"	
MCI 028	-	25'-9"
CATV 004	24'-9"	
Zayo 016	23'-10"	
UPN 023	22'-10"	
Zayo 014	19'-3"	
CMR: New Attach MCI 028 at 25'-9"		

Pole Owner: PSE		
POLE #51: 568248-154627		
Current	Height	Make-Ready
Neutral	28'-8"	
Secondary	28'-8"	
MCI 028	-	25'-4"
CATV 004	23'-8"	
Zayo 016	22'-8"	
UPN 023	21'-8"	
Zayo 014	20'-5"	
CMR: Install New Down Guy and Anchor (west)		
CMR: New Attach MCI 028 at 25'-4"		

Pole Owner: PSE		
POLE #52: 568248-154614		
Current	Height	Make-Ready
Prim. Riser	32'-11"	
Secondary	32'-6"	
Neutral	31'-6"	
MCI 028	-	27'-8"
CATV 004	26'-8"	
Zayo 016	25'-1"	
UPN 023	22'-10"	
Zayo 014	21'-3"	
CMR: New Attach MCI 028 at 27'-8"		



CONSTRUCTION NOTES

3

INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F

POTHOLE UTILITY CROSSINGS PRIOR TO BORE

#

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION.

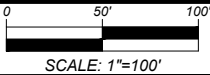
INTERNAL PROJECT NUMBER: 1023141.6

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

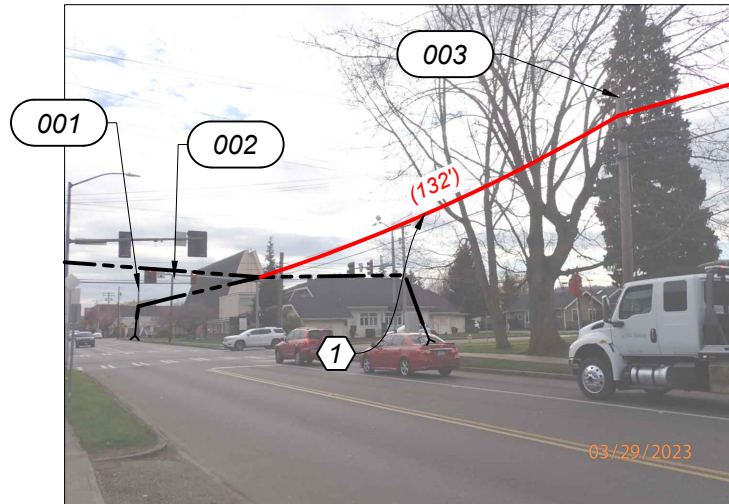
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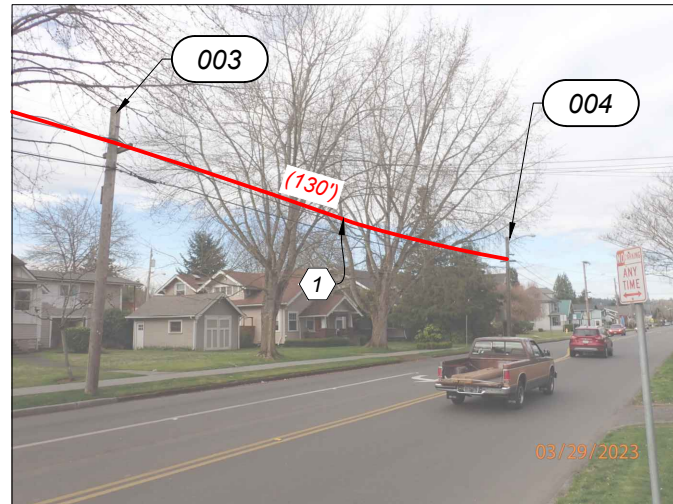
SHEET #

9 OF 17

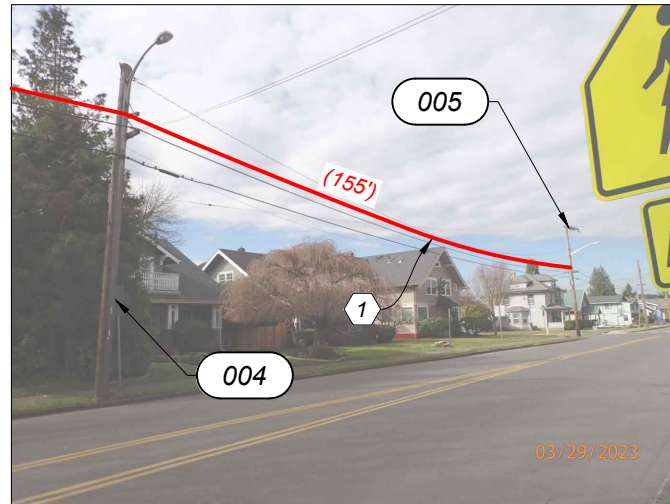
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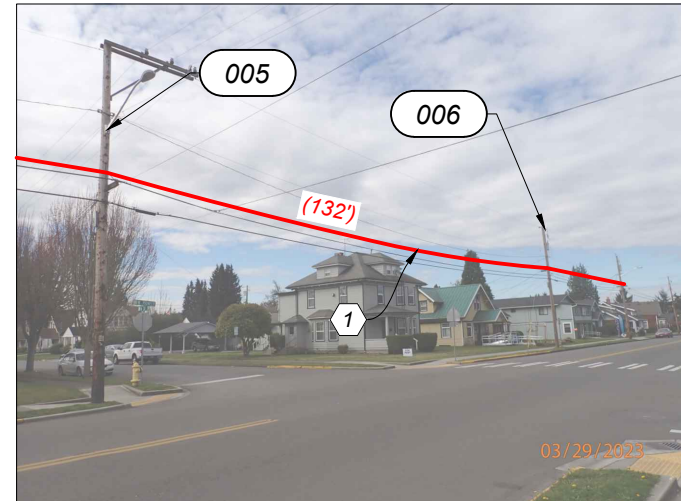
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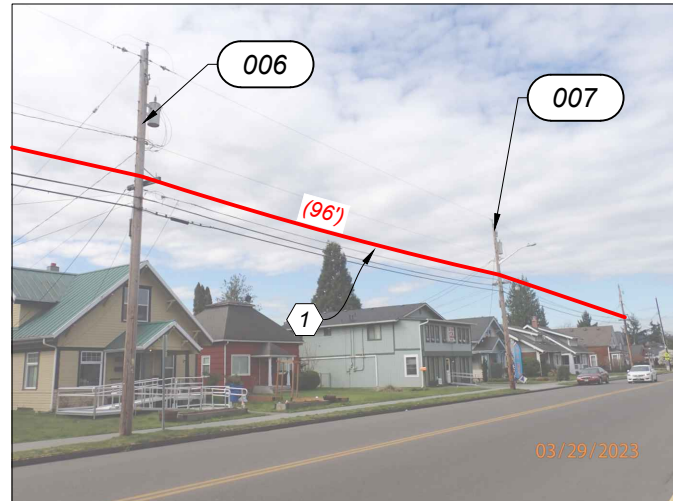
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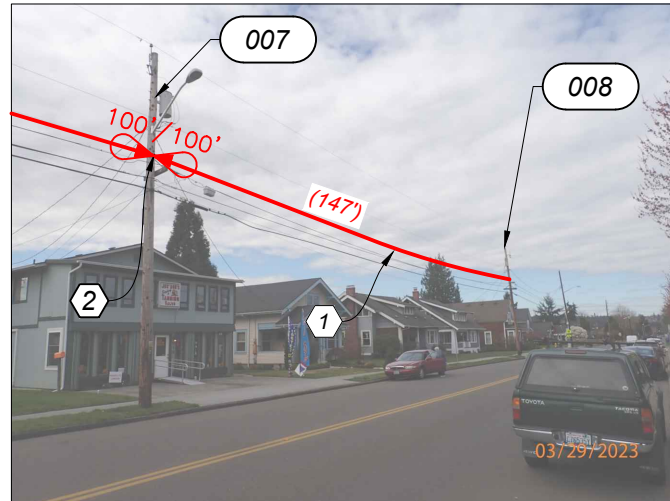
3 STANDING ON W PIONEER AVE FACING SOUTHWEST



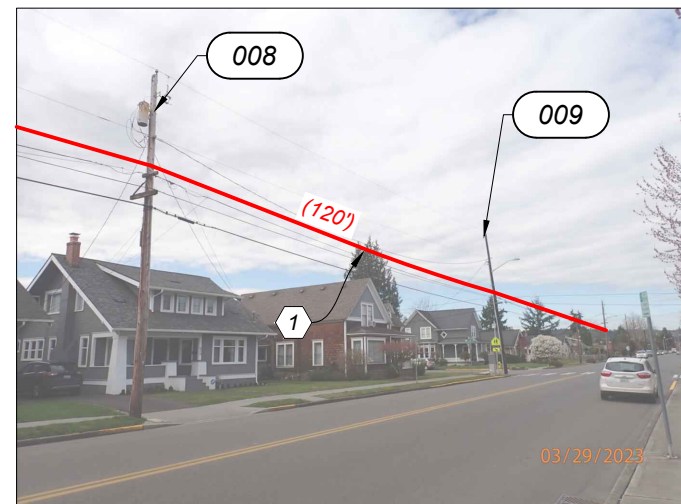
4 STANDING ON W PIONEER AVE FACING SOUTHWEST



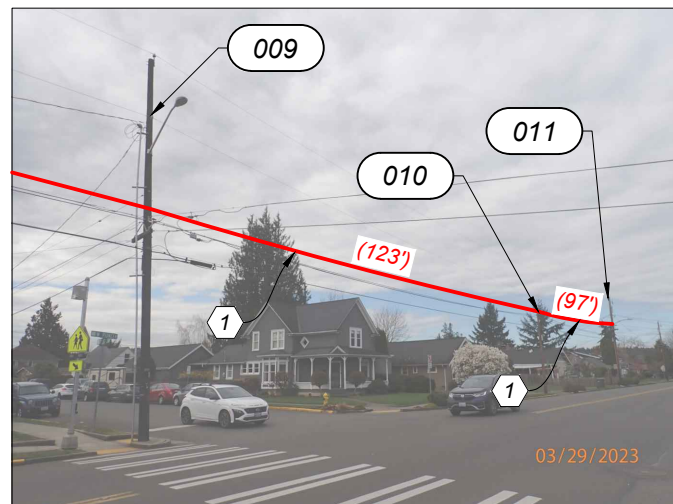
5 STANDING ON W PIONEER AVE FACING SOUTHWEST



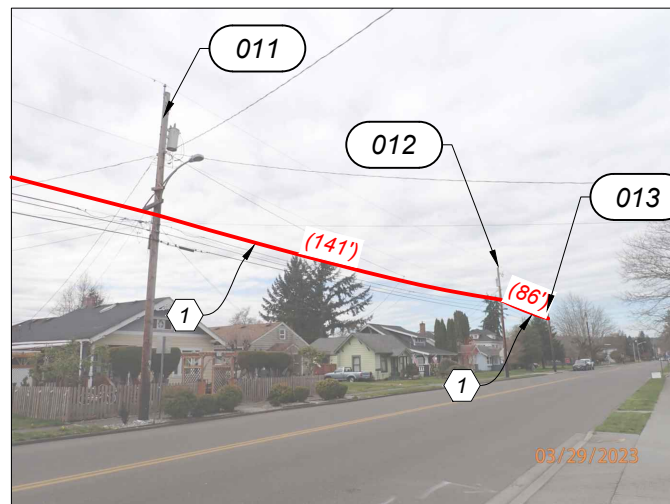
6 STANDING ON W PIONEER AVE FACING SOUTHWEST



7 STANDING ON W PIONEER AVE FACING SOUTHWEST



8 STANDING ON W PIONEER AVE FACING SOUTHWEST



9 STANDING ON W PIONEER AVE FACING SOUTHWEST

- CONSTRUCTION NOTES
- 1 LASH (1) 864F TO EXISTING STRAND
- 2 SPLICE LOCATION. LEAVE (2) 100' TAILS TO BE SPLICED

	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

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VERIZON ENGINEER

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518 WEST PIONEER AVE,

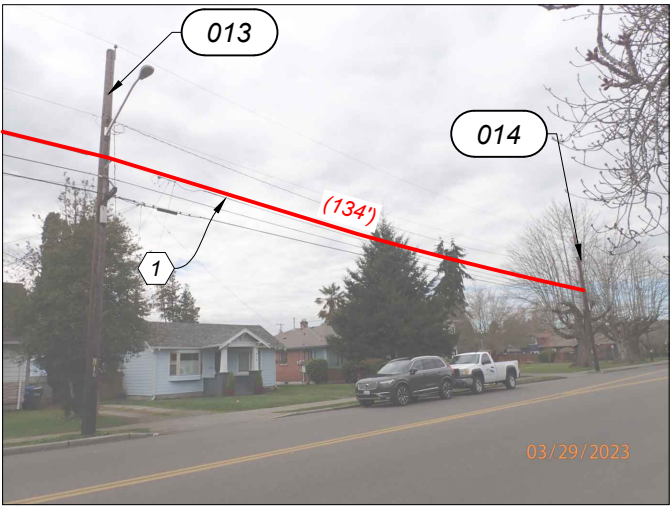
PUYALLUP WA 98371

SITE
PHOTOGRAPHS

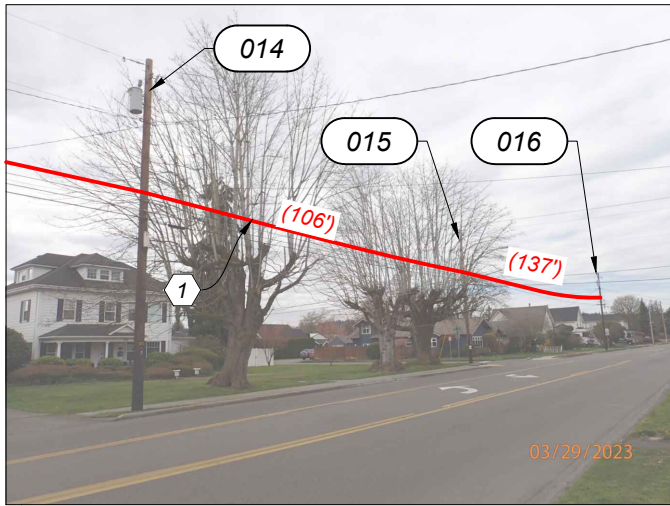
City of Puyallup Development & Permitting Services ISSUED PERMIT	City of Puyallup Development & Permitting Services ISSUED PERMIT
Building	Planning
Engineering	Public Works
Fire	Traffic

CONSTRUCTION NOTES

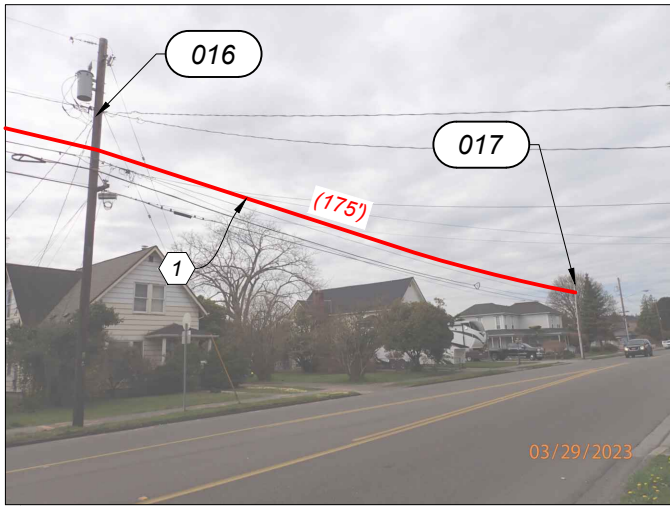
1 LASH (1) 864F TO EXISTING STRAND



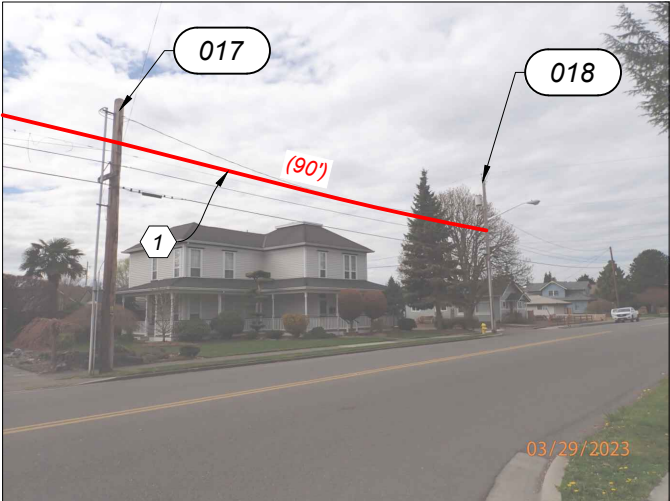
10 STANDING ON W PIONEER AVE FACING SOUTHWEST



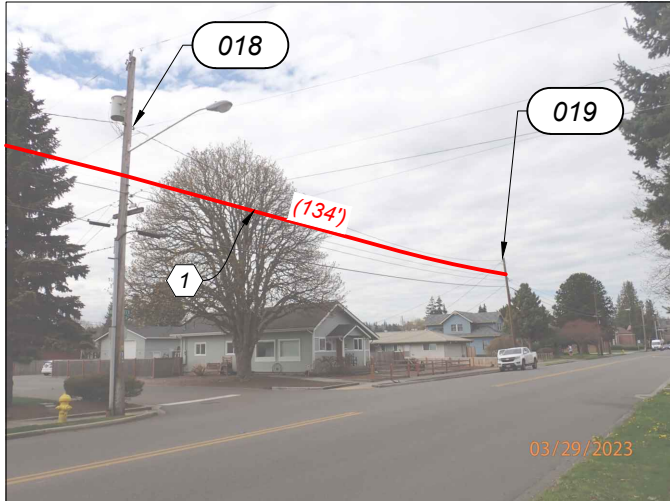
11 STANDING ON W PIONEER AVE FACING SOUTHWEST



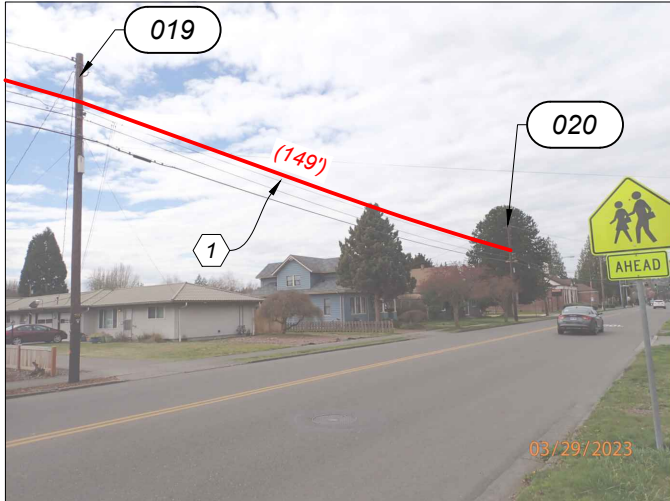
12 STANDING ON W PIONEER AVE FACING SOUTHWEST



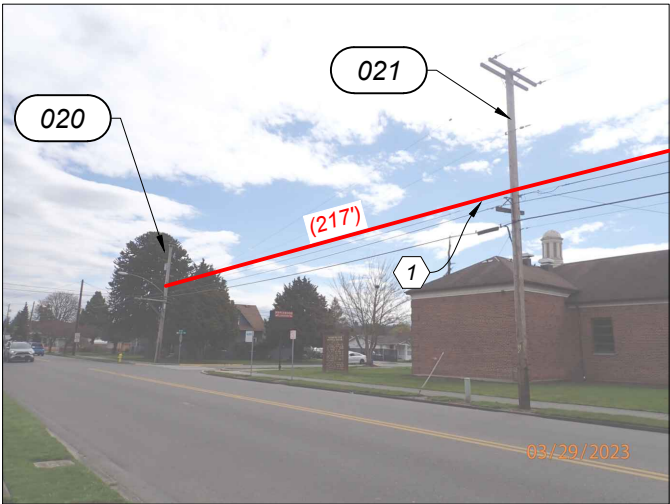
13 STANDING ON W PIONEER AVE FACING SOUTHWEST



14 STANDING ON W PIONEER AVE FACING SOUTHWEST



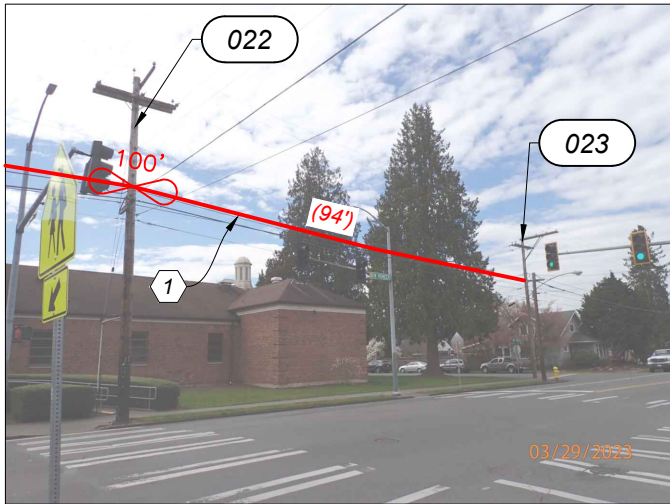
15 STANDING ON W PIONEER AVE FACING SOUTHWEST



16 STANDING ON W PIONEER AVE FACING SOUTHWEST



17 STANDING ON W PIONEER AVE FACING SOUTHEAST



18 STANDING ON W PIONEER AVE FACING SOUTHWEST

	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

WAECO ENGINEER
VERIZON ENGINEER

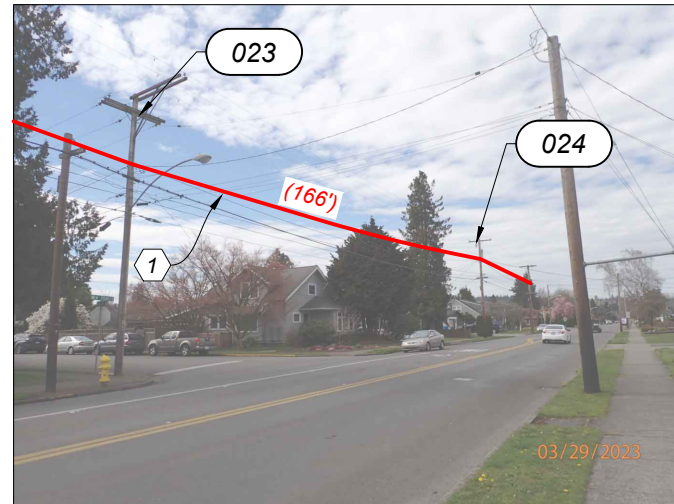
JOSEPH PARKER
MICHAEL HAMLIN

253.315.3326
JPARKER@WAECOENG.COM
503-278-9204
MICHAEL.HAMLIN@VERIZON.COM

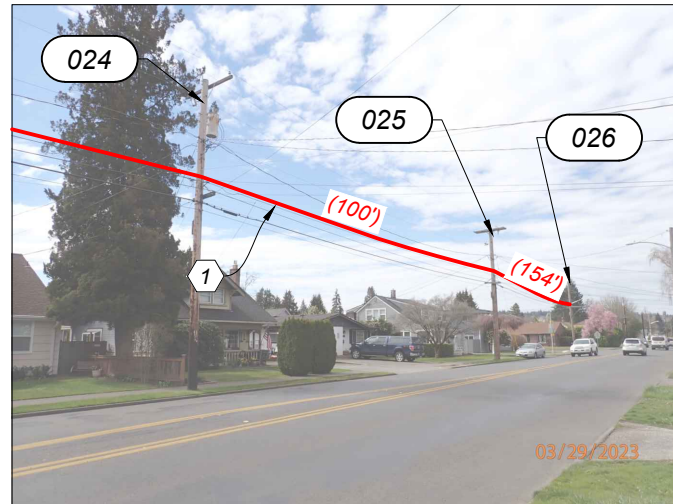


518 WEST PIONEER AVE,
PUYALLUP WA 98371

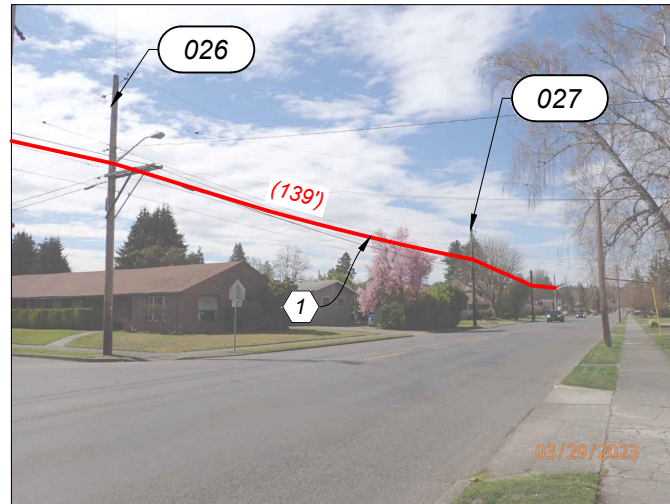
SITE
PHOTOGRAPHS



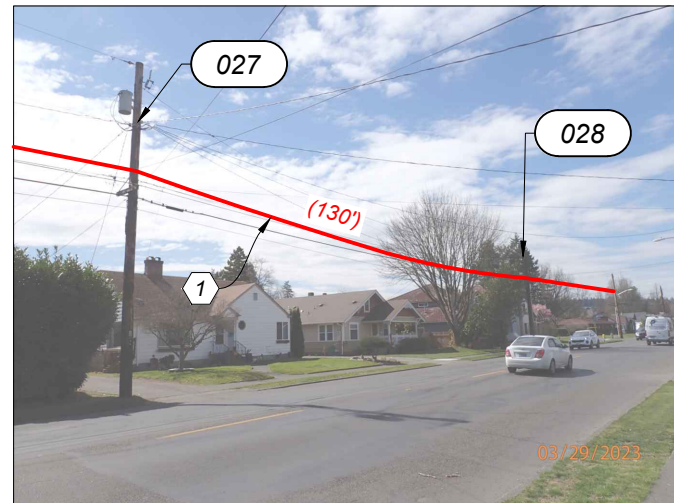
19) STANDING ON W PIONEER AVE FACING SOUTHWEST



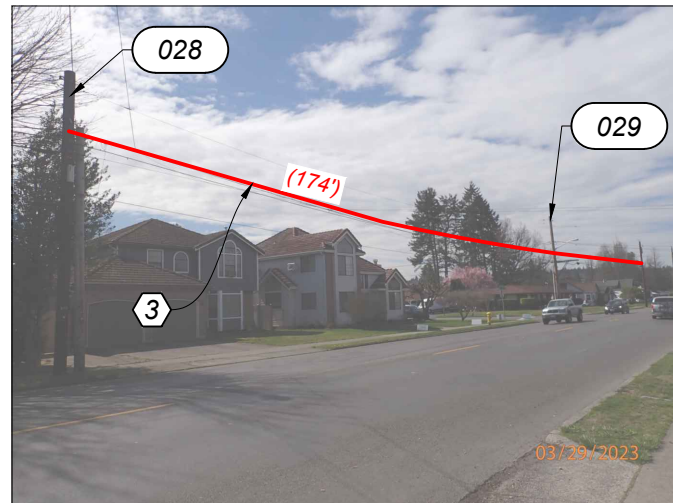
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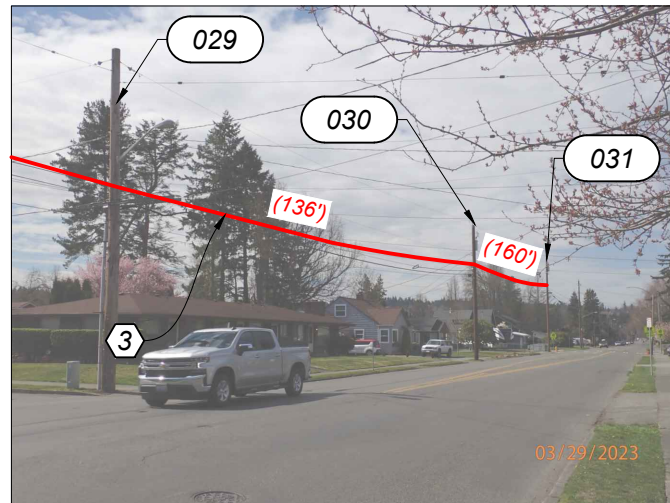
21) STANDING ON W PIONEER AVE FACING SOUTHWEST



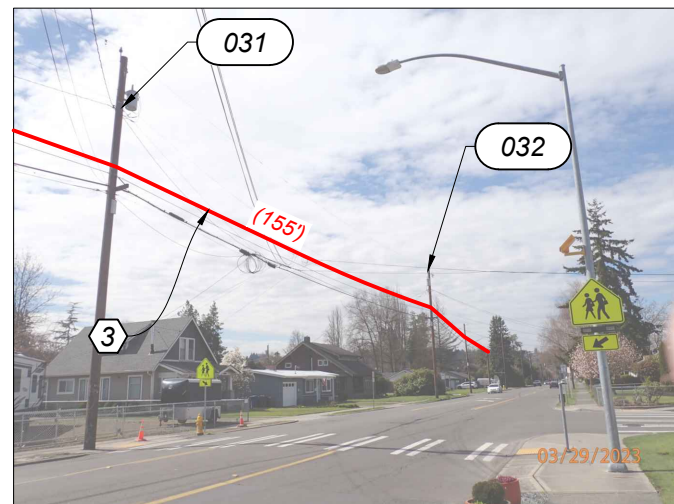
22) STANDING ON W PIONEER AVE FACING SOUTHWEST



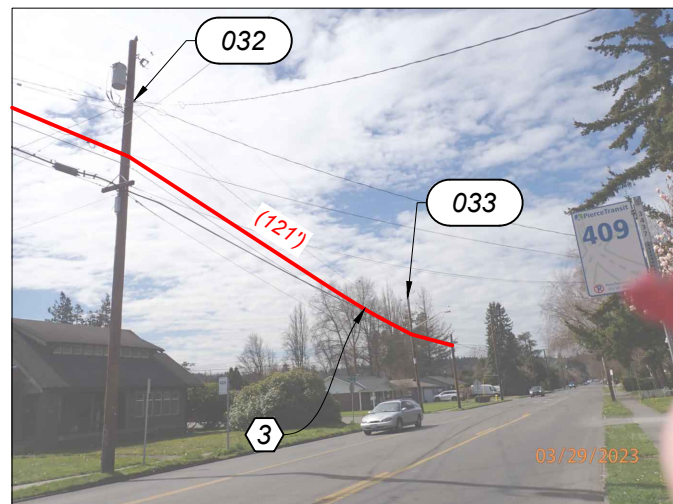
23) STANDING ON W PIONEER AVE FACING SOUTHWEST



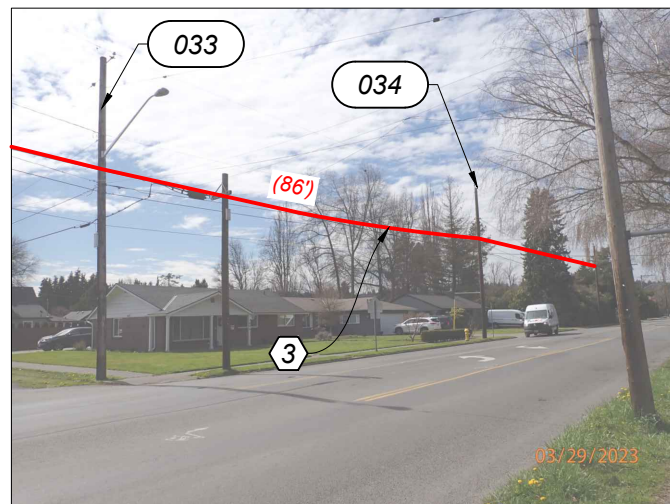
24) STANDING ON W PIONEER AVE FACING SOUTHWEST



25) STANDING ON W PIONEER AVE FACING SOUTHWEST



26) STANDING ON W PIONEER AVE FACING SOUTHWEST



27) STANDING ON W PIONEER AVE FACING SOUTHWEST

CONSTRUCTION NOTES

- 1 LASH (1) 864F TO EXISTING STRAND
- 3 INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F

	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

WAECO ENGINEER	JOSEPH PARKER	253.315.3326 JPARKER@WAECOENG.COM
VERIZON ENGINEER	MICHAEL HAMLIN	503-278-9204 MICHAEL.HAMLIN@VERIZON.COM

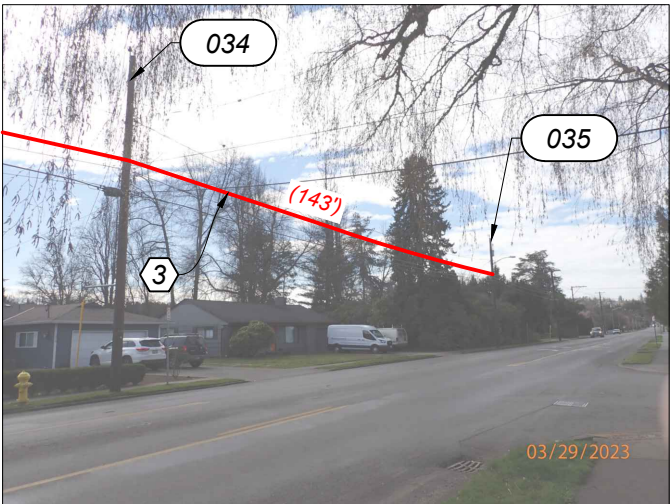
518 WEST PIONEER AVE,
PUYALLUP WA 98371

SITE
PHOTOGRAPHS

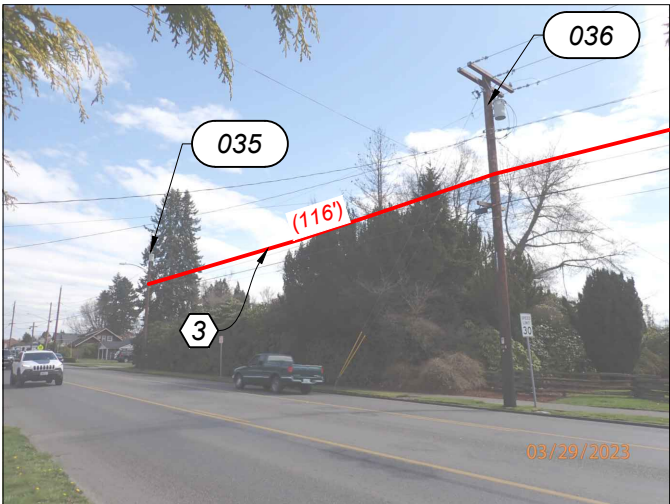
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

CONSTRUCTION NOTES

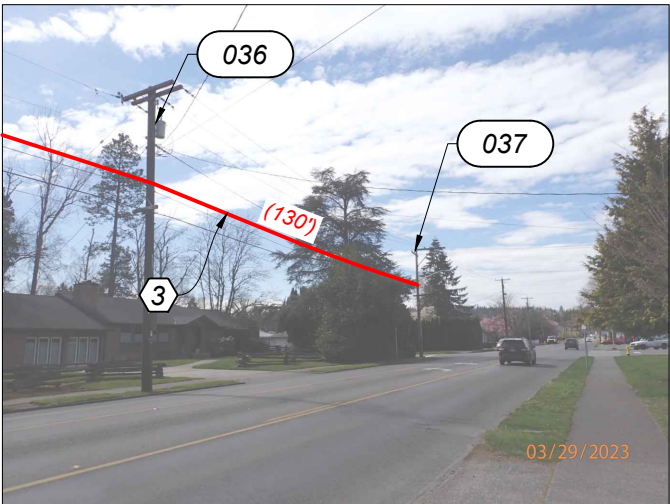
3 INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F



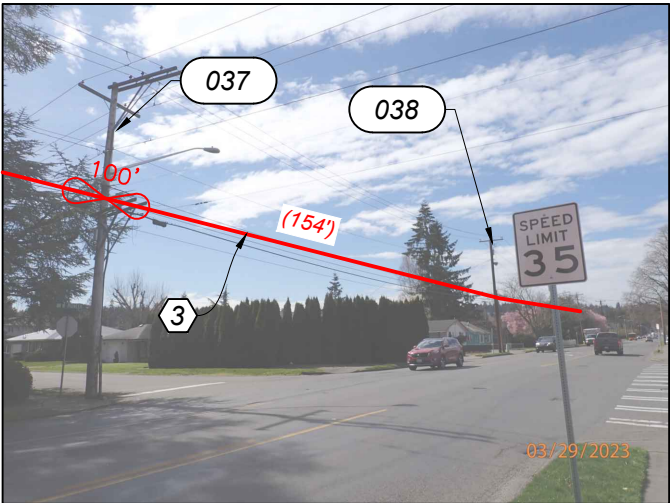
28 STANDING ON W PIONEER AVE FACING SOUTHWEST



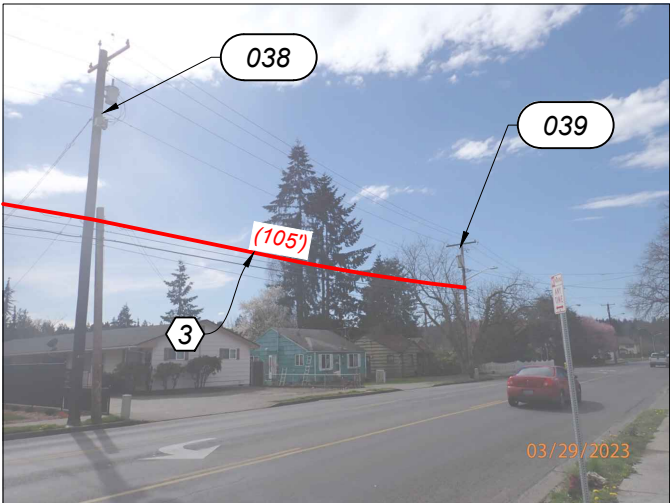
29 STANDING ON W PIONEER AVE FACING SOUTHEAST



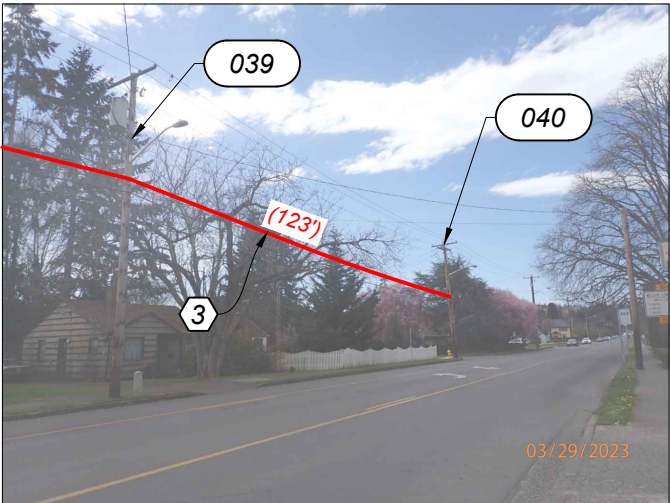
30 STANDING ON W PIONEER AVE FACING SOUTHWEST



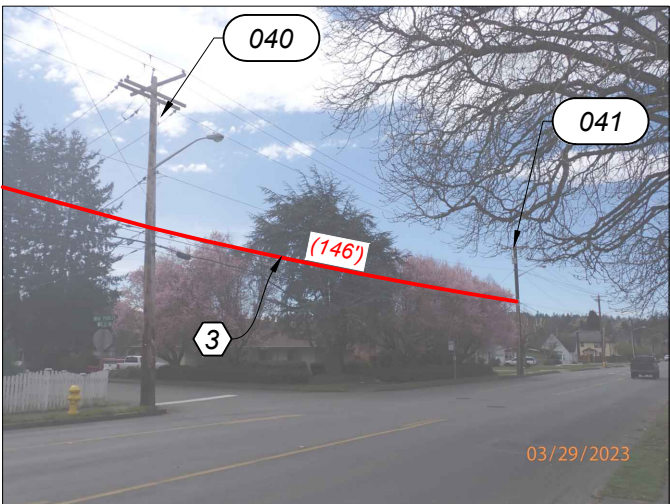
31 STANDING ON W PIONEER AVE FACING SOUTHWEST



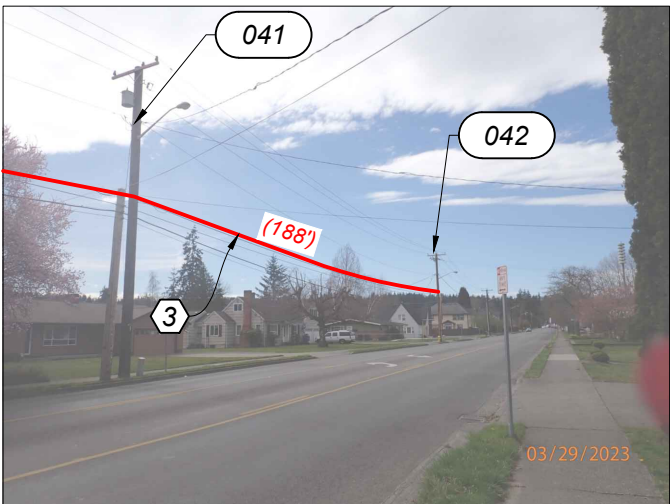
32 STANDING ON W PIONEER AVE FACING SOUTHWEST



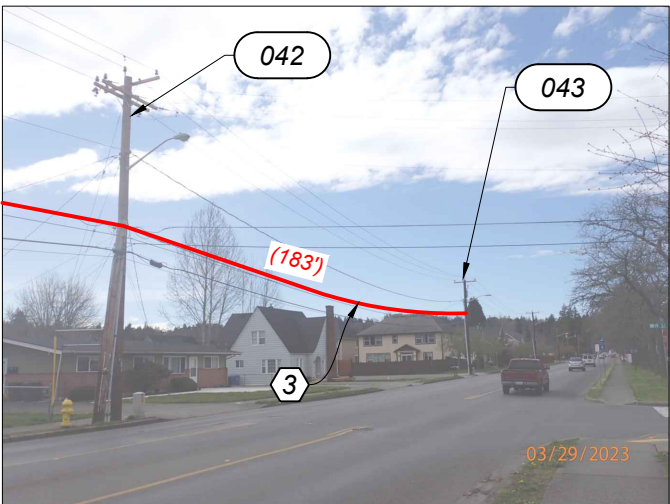
33 STANDING ON W PIONEER AVE FACING SOUTHWEST



34 STANDING ON W PIONEER AVE FACING SOUTHWEST



35 STANDING ON W PIONEER AVE FACING SOUTHWEST



36 STANDING ON W PIONEER AVE FACING SOUTHWEST

	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

WAECO ENGINEER	JOSEPH PARKER	253.315.3326 JPARKER@WAECOENG.COM
VERIZON ENGINEER	MICHAEL HAMLIN	503-278-9204 MICHAEL.HAMLIN@VERIZON.COM

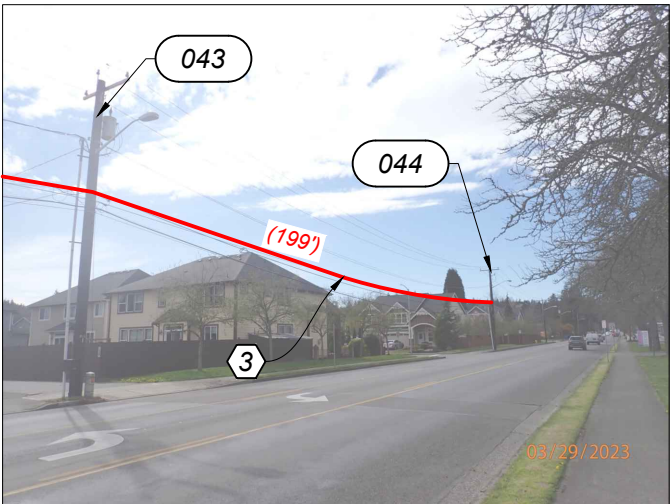
518 WEST PIONEER AVE,
PUYALLUP WA 98371

SITE
PHOTOGRAPHS

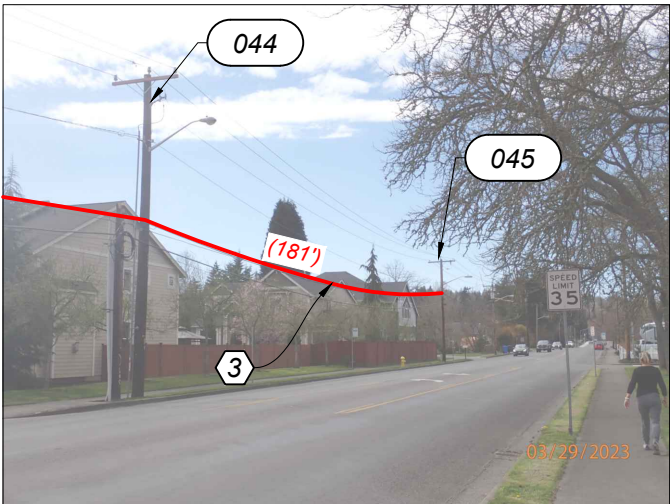
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

CONSTRUCTION NOTES

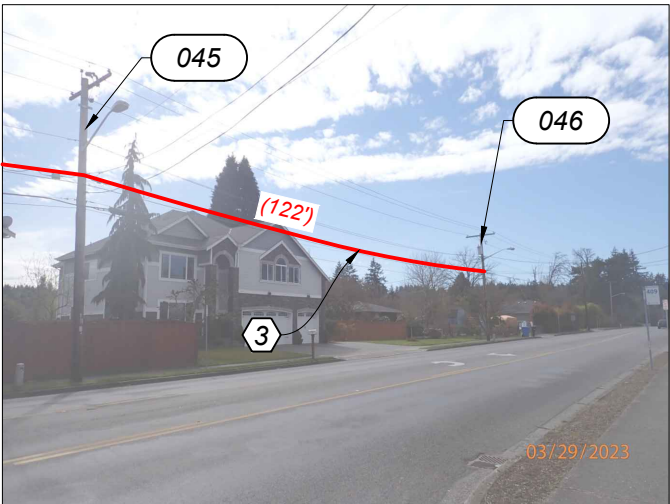
3 INSTALL (1) 1/4 EHS STRAND AND LASH (1) 864F



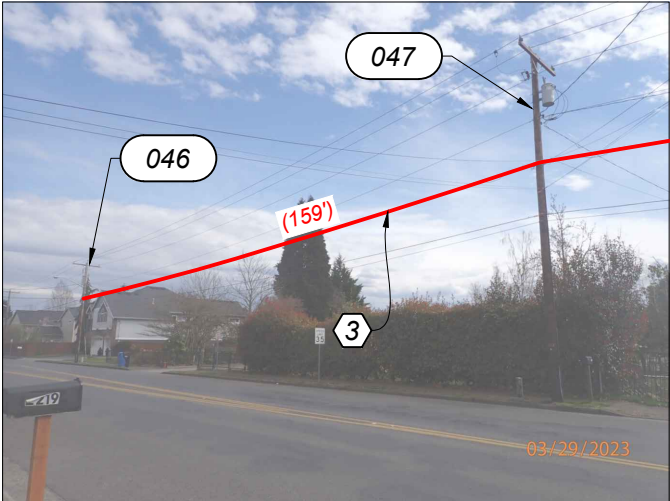
37 STANDING ON W PIONEER AVE FACING SOUTHWEST



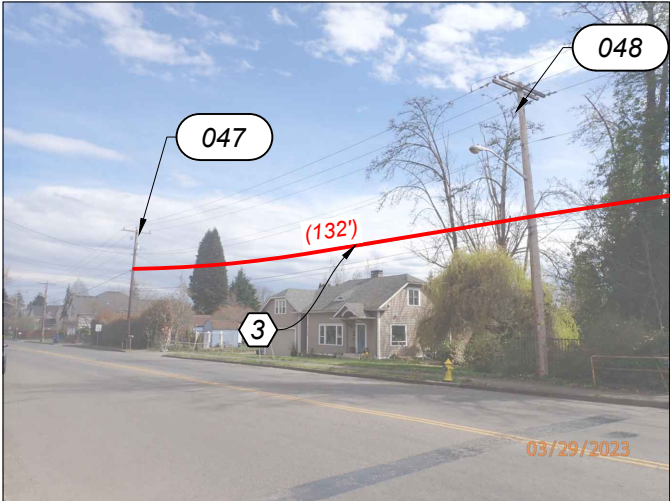
38 STANDING ON W PIONEER AVE FACING SOUTHWEST



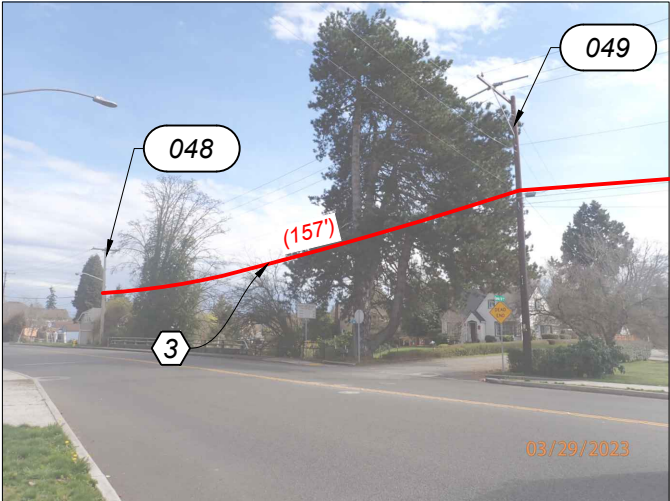
39 STANDING ON W PIONEER AVE FACING SOUTHWEST



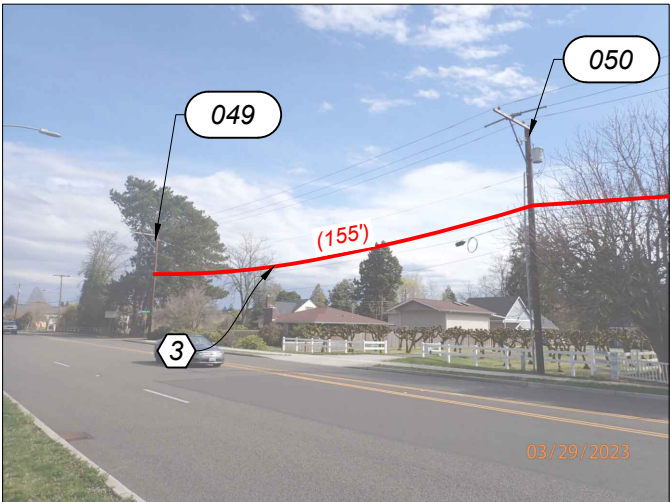
40 STANDING ON W PIONEER AVE FACING SOUTHEAST



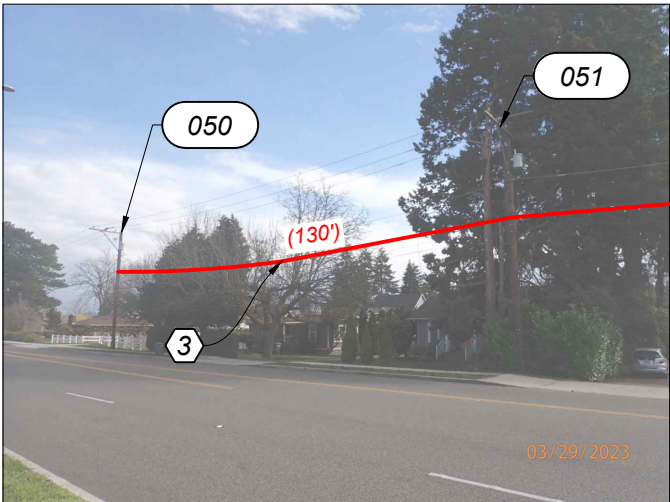
41 STANDING ON W PIONEER AVE FACING SOUTHEAST



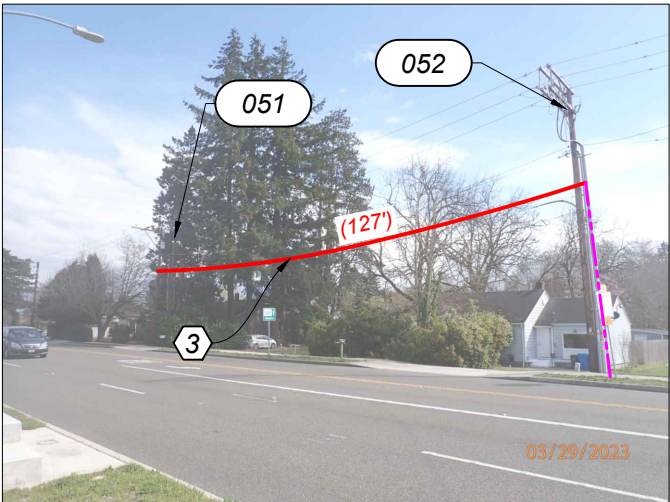
42 STANDING ON W PIONEER AVE FACING SOUTHEAST



43 STANDING ON W PIONEER AVE FACING SOUTHEAST



44 STANDING ON W PIONEER AVE FACING SOUTHEAST



45 STANDING ON W PIONEER AVE FACING SOUTHEAST

	DATE	TECH	ENG
ORIGINAL	08/14/23	KAK	JJP
REV #0	----	----	----
REVIEWED	----	----	----
AS-BUILT	----	----	----

WAECO ENGINEER
VERIZON ENGINEER

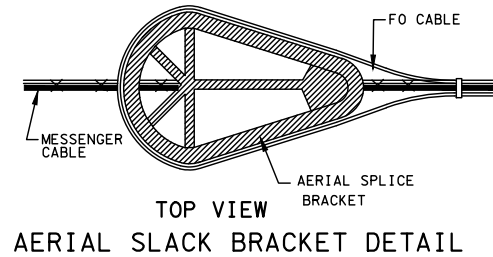
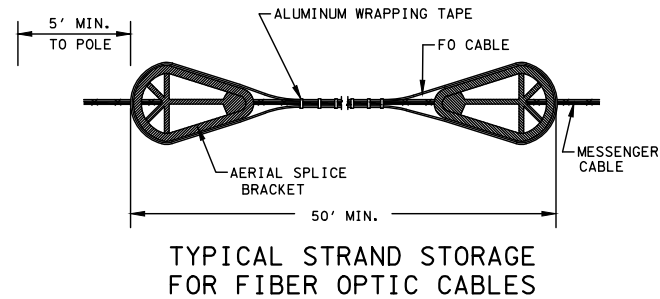
JOSEPH PARKER
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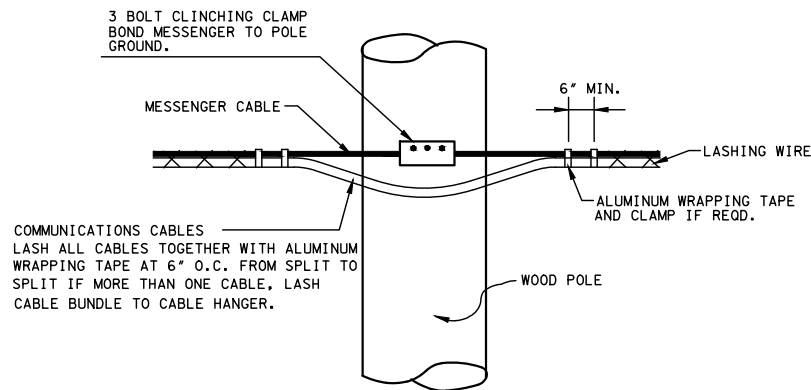


518 WEST PIONEER AVE,
PUYALLUP WA 98371

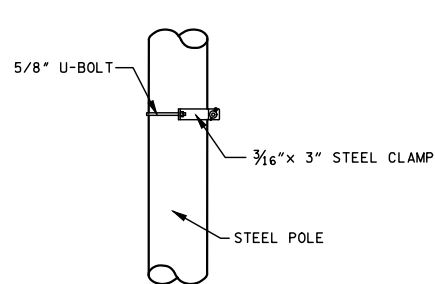
AERIAL TYPICALS



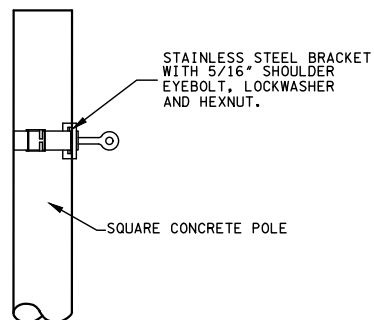
NOTE:
1. BRACKET RADIUS SHALL BE LARGER THAN CABLE MANUFACTURERS MINIMUM BEND RADIUS FOR LONG TERM STORAGE OF LARGEST CABLE DIAMETER.



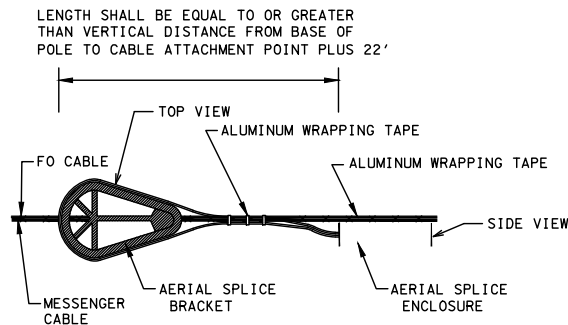
TYPICAL CABLE CONTINUATION-SAME MESSENGER CABLE



TYPICAL POLE ATTACHMENT FOR STEEL POLE

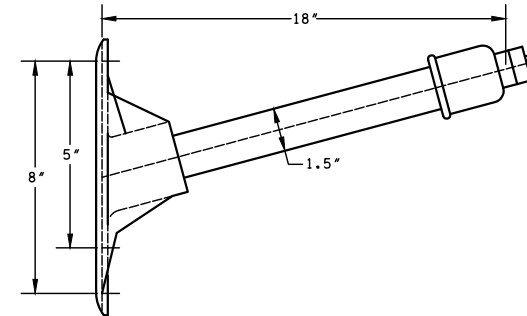


TYPICAL POLE ATTACHMENT FOR SQUARE CONCRETE POLE

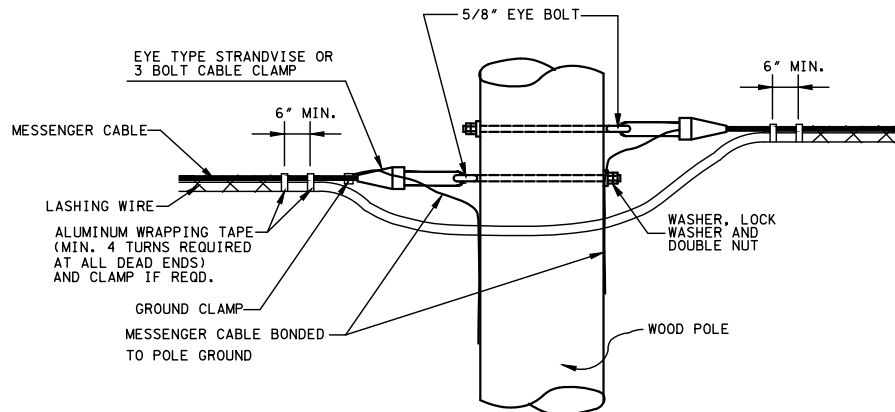


AERIAL SPLICE DETAIL

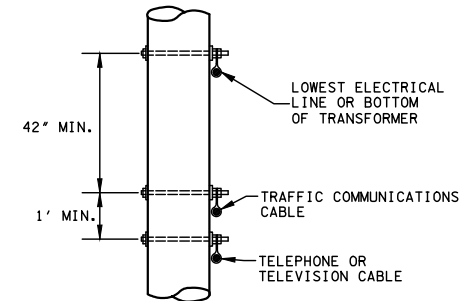
NOTE:
1. AERIAL SLACK BRACKETS SHALL BE USED AT ALL AERIAL SPLICE LOCATIONS.
2. ALL CABLES SHALL ENTER SPLICE CLOSURE AT SAME END.



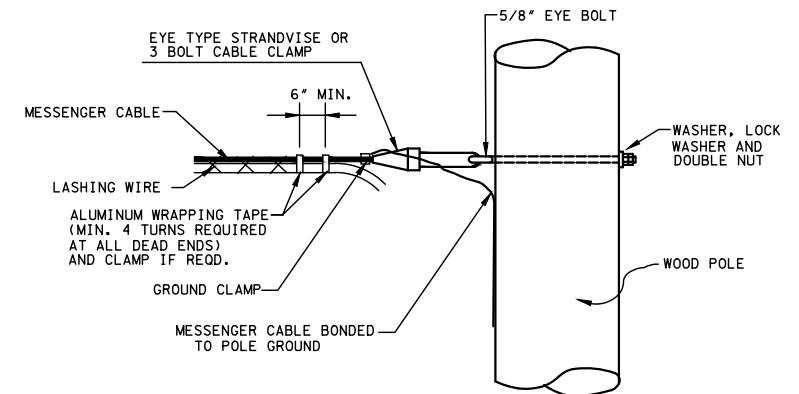
CABLE EXTENSION BRACKET MEDIUM DUTY



ALTERNATE CABLE CONTINUATION-SEPARATE MESSENGER CABLE

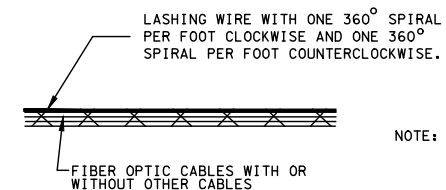


MINIMUM CLEARANCE TO TELEPHONE OR TELEVISION CABLE



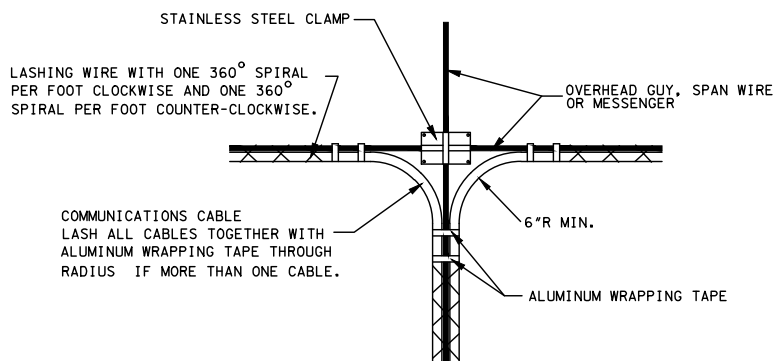
TYPICAL POLE ATTACHMENT DETAIL FOR MESSENGER DEAD END OR TURNS

NOTE: DEAD END ATTACHMENTS TO BE UTILIZED ON ALL TRANSFERS FROM UTILITY POLES TO SIGNAL POLES.



TYPICAL CABLE LASHING DETAIL DOUBLE LASHING

NOTE: ALL FIBER TRUNK CABLE SHALL BE DOUBLE LASHED. DROP CABLE MAY BE SINGLE LASHED



CABLE LASHED TO OVERHEAD MESSENGER CABLE

WAECO INTERNAL PROJECT NUMBER: 1023141.6



Know what's below.
Call before you dig.

ORIGINAL	DATE	TECH	ENG
REVIEWED	08/14/23	KAK	JJP
REV #0	8/14/23	----	----
AS-BUILT	----	----	----

WAECO ENGINEER
VERIZON ENGINEER

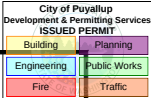
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MICHAEL.HAMLIN@VERIZON.COM



518 WEST PIONEER AVE,
PUYALLUP WA 98371

TAKE OFF TABLES



POLE MATERIALS												
SEQ #	Pole Number	Square Nut	Square Washer	Eye Nut	Lag bolt	Thru bolt (8",10",12")	Eye bolt (8",10",12")	Guy Hook	Guy Clamp	Strandvise	Strand (overhead/ down Guy) ft	Anchor
001	568230-155328											
002	568231-155317	1	2			1			1			
003	A3651984											
004	568232-155276											
005	568232-155261											
006	568232-155249											
007	568233-155237											
008	568233-155224											
009	568233-155213											
010	A1937498											
011	568234-155196											
012	568234-155183											
013	568233-155168											
014	568234-155157											
015	568235-155144											
016	568235-155127											
017	568235-155115											
018	568236-155103											
019	568236-155088											
020	568236-155078											
021	568237-155057											
022	568238-155039											
023	568238-155030	1	2			1			1			
024	568238-155019											
025	568239-155004											
026	568239-154990	1	2			1			1			
027	568239-154976											
028	568240-154964											
029	568240-154946	1	2			1			1		320	
030	568241-154935	1	2			1			1		165	
031	568242-154922	1	2			1			1		160	
032	568242-154896	1	2			1			1		125	
033	568242-154885	1	2			1			1		90	
034	568242-154876	1	2			1			1		150	
035	568242-154861	1	2			1			1		120	
036	568243-154856	1	2			1			1		135	
037	568243-154837	1	2			1			1		160	
038	568243-154824	1	2			1			1		110	
039	568243-154816	1	2			1			1		130	
040	568237-154799	1	2			1			1		150	
041	568244-154785	1	2			1			1		195	
042	568244-154768	1	2			1			1		190	
043	568244-154758	1	2			1			1		205	
044	568244-154738	1	2			1			1		185	
045	568244-154710	1	2			1			1		125	
046	568244-154703	1	2			1			1		165	
047	568244-154688	1	2			1			1		135	
048	568244-154673	1	2			1			1		165	
049	568245-154651	1	2			1			1		160	
050	568245-154640	1	2			1			1		135	
051	568248-154627	2	4			2		1	1	2	180	1
052	568248-154614	1	2				1					
TOTALS		28	56	0	0	27	1	1	26	2	3655	1

FIBER MATERIALS													
SEQ #	Pole Number	Dead End 1/4" Yellow	Dead End Grip 1200	Extension Link w/ Eye Nut & Clevis	Extension Link w/ Eye Nut & Clevis	Lashing Wire .045 (1200/Roll)	Lashing Wire Clamps (50qty)	18" Fiberglass Stand off Bracket	18" Fiberglass Standoff - Straight	Lite Support Blocks	Drop Cable Storage Bracket - MSGR	Drop Cable Storage Bracket - POLE	Snowshoes (pair)
001	568230-155328												
002	568231-155317												
003	A3651984					12	2						
004	568232-155276												
005	568232-155261												
006	568232-155249												
007	568233-155237												1
008	568233-155224												
009	568233-155213												
010	A1937498												
011	568234-155196												
012	568234-155183												
013	568233-155168												
014	568234-155157												
015	568235-155144												
016	568235-155127												
017	568235-155115												
018	568236-155103												
019	568236-155088												
020	568236-155078												
021	568237-155057												
022	568238-155039												1
023	568238-155030												
024	568238-155019												
025	568239-155004												
026	568239-154990												
027	568239-154976												
028	568240-154964												
029	568240-154946												
030	568241-154935												
031	568242-154922												
032	568242-154896												
033	568242-154885												
034	568242-154876												
035	568242-154861												
036	568243-154856												
037	568243-154837												1
038	568243-154824												
039	568243-154816												
040	568237-154799												
041	568244-154785												
042	568244-154768												
043	568244-154758												
044	568244-154738												
045	568244-154710												
046	568244-154703												
047	568244-154688												
048	568244-154673												
049	568245-154651												
050	568245-154640												
051	568248-154627												
052	568248-154614	1		1									
TOTALS		1	0	1	0	12	2	0	0	0	0	0	3

PROPRIETARY - NOT FOR DISTRIBUTION

ENGINEERING FIRM: WAECO ENGINEERING
CLIENT FIRM: VERIZON

PROJECT NUMBER: 2301CTIU

PERMIT NUMBER:

PRFUP20231487

SHEET #

16 OF 17

DRAWING FILE PATH: V:\ENGINEERING\BUILT\1023141.6_SUMTAC_2301CTIU_20230228\CAD DATA\1023141.6_PUYALLUP_231CTIU_PLANS.DWG 8/14/2023 12:14 PM



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ORIGINAL	08/14/23	KAK	JJP
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AS-BUILT	-----	-----	-----

WAECO ENGINEER VERIZON ENGINEER	JOSEPH PARKER MICHAEL HAMLIN	253.315.3326 JPARKER@WAECOENG.COM 503-278-9204 MICHAEL.HAMLIN@VERIZON.COM
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**518 WEST PIONEER AVE,
PUYALLUP WA 98371**

TAKE OFF TABLES

City of Puyallup
Development & Permitting Service
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

	POLE MATERIALS										
	Square Nut	Square Washer	Eye Nut	Lag Bolt	Thru bolt (8",10",12")	Eye bolt (8",10",12")	Guy Hook	Guy Clamp	Strandvise	Strand (overhead/ down Guy) ft	Anchor
			PLP						MacLean		
CAT#			TE 5						5200		
TOTAL	28	56	0	0	27	1	1	26	2	3655	1

	FIBER MATERIALS											
	Dead End 1/4" Yellow	Dead End Grip 1200	Extension Link w/ Eye Nut & Clevis	Extension Link w/ Eye Nut & Clevis	Lashing Wire .045 (Rolls)	Lashing Wire Clamps (50qty)	18" Fiberglass Stand off Bracket	18" Fiberglass Standoff - Straight	Lite Support Blocks	Drop Cabel Storage Bracket - MSGR	Drop Cabel Storage Bracket - POLE	Snowshoes (pair)
	PLP	PLP	PLP	PLP	MacLean	MacLean	MacLean	MacLean	PLP	PLP	PLP	PLP
CAT#	GDE-1104	2875004	2875004C1E1	2875004C1E1	SI-9603	SI-2175	G1MAA118DF	G1MA0118DF	4800107	FDC8M	FDC8P	FIS18M-T
TOTAL	1	0	1	0	12	2	0	0	0	0	0	3