





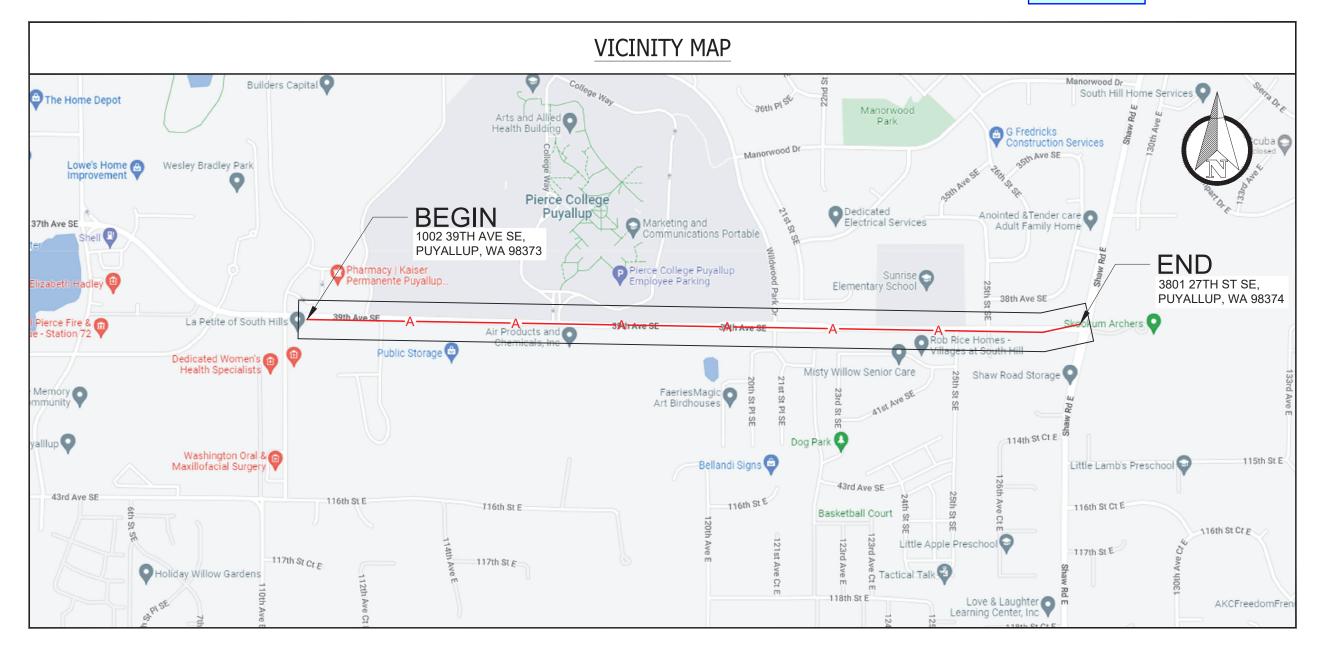
# **AZURE NW**

1002 39TH AVE SE, PUYALLUP, WA 98373, USA JB - 1224221

PROPOSED AERIAL FIBER INSTALLATION



## PRFUP20221900



# CONTACTS

#### **PERMITTING**

ASHLEY KIEHN 4610 TACOMA AVE

SUMNER, WA 98390

PHONE: (253) 999-2271

EMAIL: ASKIEHN@SEFNCO.COM

#### COMCAST

CORRIE LAMB
410 VALLEY AVE
PUYALLUP, WA 98371
PHONE: (209) 985-3769

EMAIL: CORRIE LAMB@COMCAST.COM

### SEFNCO OPE

PAUL JENSEN 4610 TACOMA AVE SUMNER, WA 98390

PHONE: (253) 299-4961

EMAIL: PAJENSEN@SEFNCO.COM

PG#	SHEET INDEX	DESCRIPTION OF WORK	TOTAL	
		OVERLASH 48CT FIBER TO EXISTING STRAND (25 POLES)	5740LF	
1	COVER SHEET			
2	VICINITY MAP, CONTACTS & SHEET INDEX			
3	GENERAL NOTES			
4	LEGEND			
5-14	SITE-PLAN			
15	TYPICAL DETAILS			
West Training		TOTAL:	5740LF	
				.





ATION ADDRESS: 1002 39TH AVE SE PUYALLUP, WA 98373, US

AZURE NW LOCATION ADDRES 1002 39TH PUYALLUP, COMCAST JOB NUI

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

DRAWN BY: AM
DATE: 12/13/20

DATE: 12/13/2022 REVISIONS

REVISIONS

ATE DESCRIPTION INITI.

COEPT AS MAY BE OTHERWISE PROVIDED BY CONTRA

ESSE DRAWINGS AND SPECIFICATIONS SHALL REMAIN

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN PROPERTY OF SEFENCE COMMUNICATION, INC. BOTH BEIN ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, ON USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE N/A N/A SHEET 2 OF 15

THE LOCATIONS OF UTILITIES SHOWN ON THESE DRAWING ARE ONLY APPROXIMATE. SEFNCO 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 EYEALATION

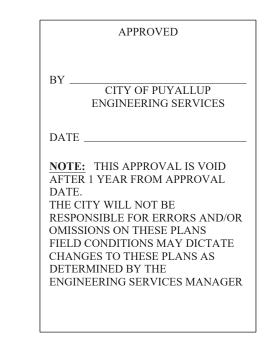
- 1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF UTILITY IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE LOCAL JURISDICTION REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, 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 LOCAL JURISDICTION INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY DESIGNEE OF PROJECT SPONSOR/OWNER.
- 2. 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.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE LOCAL 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.
- 4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE LOCAL 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.
- 5. 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.
- 7. 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.
- 8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
- 9. FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY THE LOCAL 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 LOCAL JURISDICTION.
- 10. 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.
- 11. PER AGENCY STANDARDS THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE LOCAL JURISDICTION INSPECTOR AT ALL TIMES.
- 13. 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.
- 14. 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.
- 15. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE LOCAL JURISDICTION ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
- 16. 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 LOCAL JURISDICTION.
- 17. CALL THE "CALL BEFORE YOU DIG" NUMBER 48HRS IN ADVANCE AT 1-800-424-5555 PRIOR TO DIGGING.

#### **PUYALLUP**

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.

#### PRFUP20221900

- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- 3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS. FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATION"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS")
- 4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- 6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- 7. ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT HE DEVELOPER EXPENSES.
- 3. ALL PLAN SETS SHALL REFERENCE THE CITY OF PUYALLUP STANDARD DETAILS APPLICABLE FOR THE PROJECT. THE DETAILS SHALL BE LOCATED ON SEPARATE PLAN SHEETS. WHERE A PARTICULAR ITEM IS CALLED OUT ON THE PLANS, A NOTE SHALL BE INCLUDED ON THE DRAWING IDENTIFYING THE APPLICABLE CITY STANDARD DETAIL REFERENCING THE PLAN SHEET THE DETAIL IS LOCATED ON AND THE CITY STANDARD NUMBER (I.E., FOR A FIRE HYDRANT LOCATED ON THE PLANS, THE NOTE SHOULD READ "SEE CITY STANDARD NO. 03.05.01 ON SHEET 3 OF 3"). ALL OTHER REQUIRED DETAILS NOT STANDARDIZED BY THE CITY OF PUYALLUP SHALL BE
- 9. SHOWN ON A SEPARATE DETAIL SHEET.
- 10. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEERS RESPONSIBILITY.
- THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
- 12. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM THEIR UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.
- 13. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.
- 14. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
- 15. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- 16. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360) 407-6300.
- 17. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.







ATION ADDRESS: 1002 39TH AVE SE PUYALLUP, WA 98373, U

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AZURE

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GENERAL

City of Puyallup Development & Permitting Servic ISSUED PERMIT					
Building	Planning				
Engineering	Public Works				
Fire OF W	Traffic				

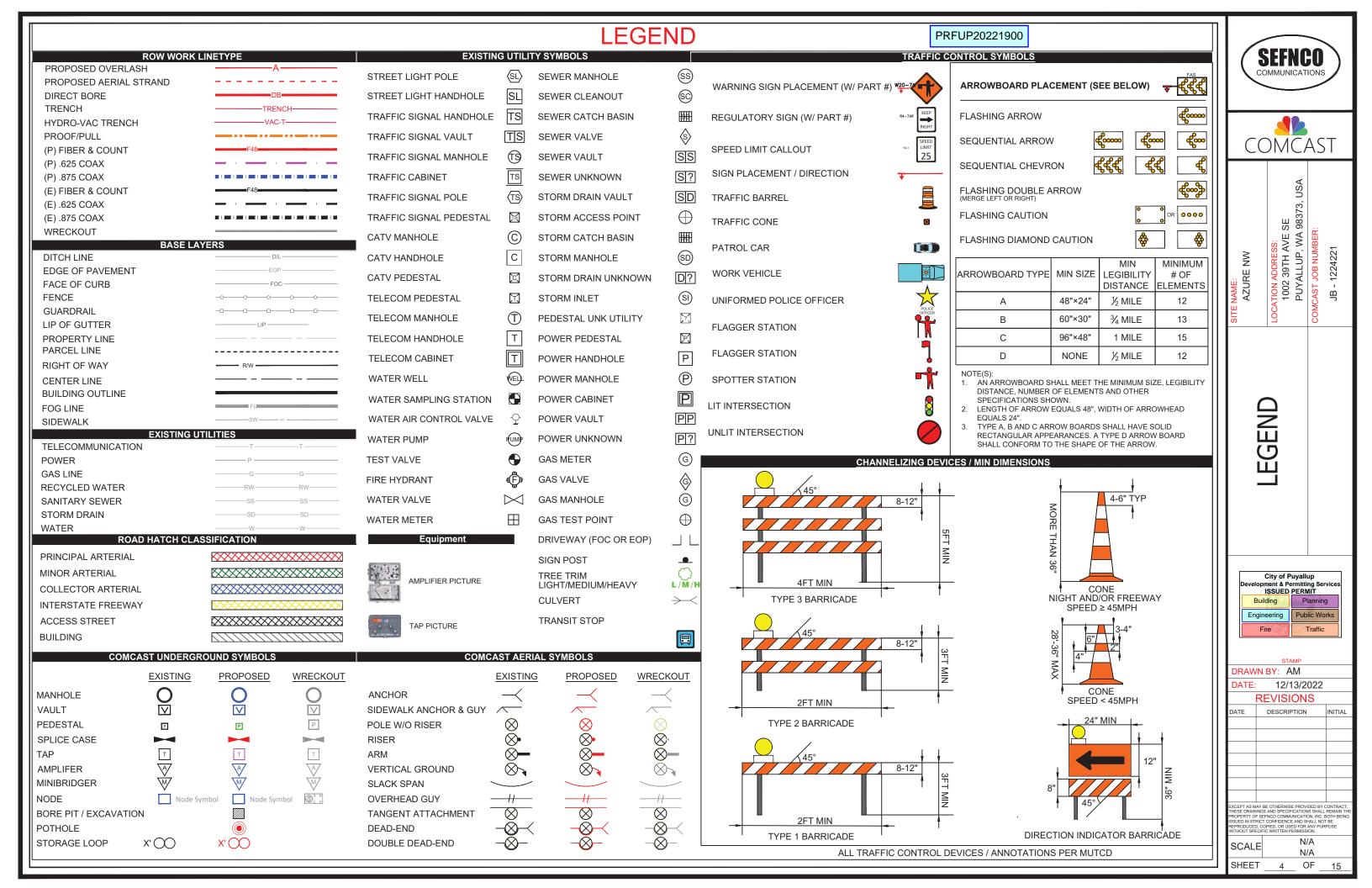
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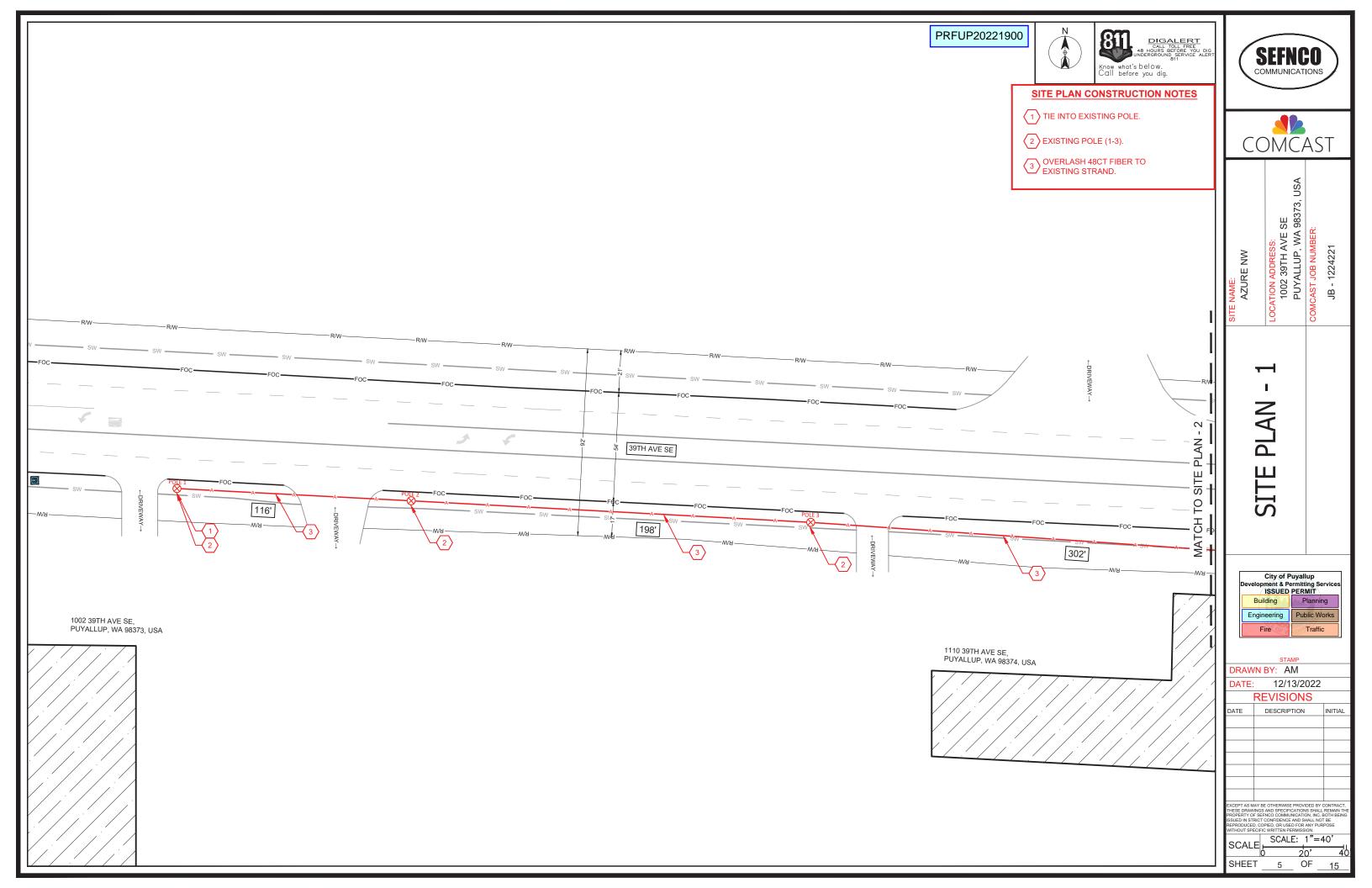
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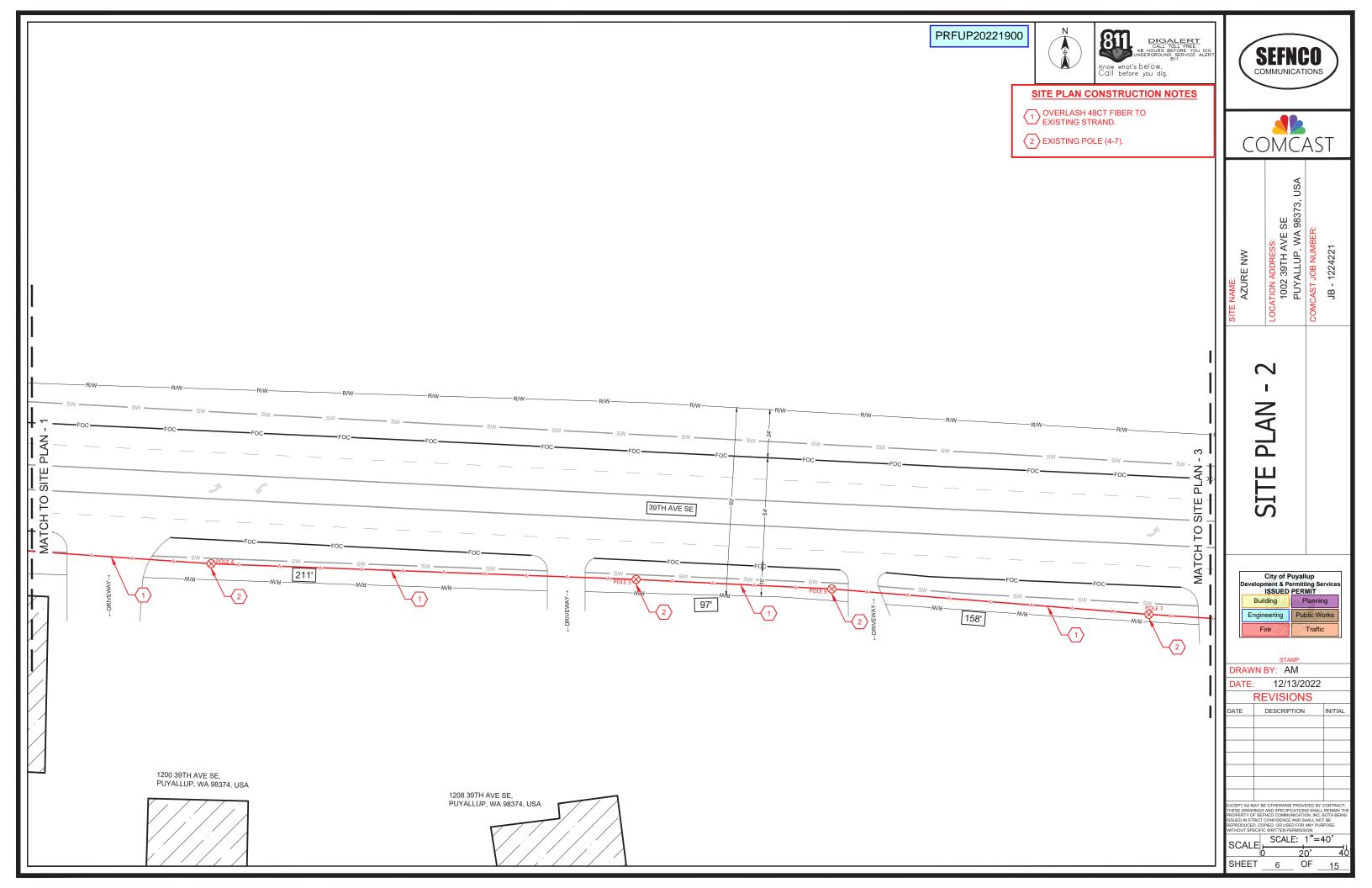
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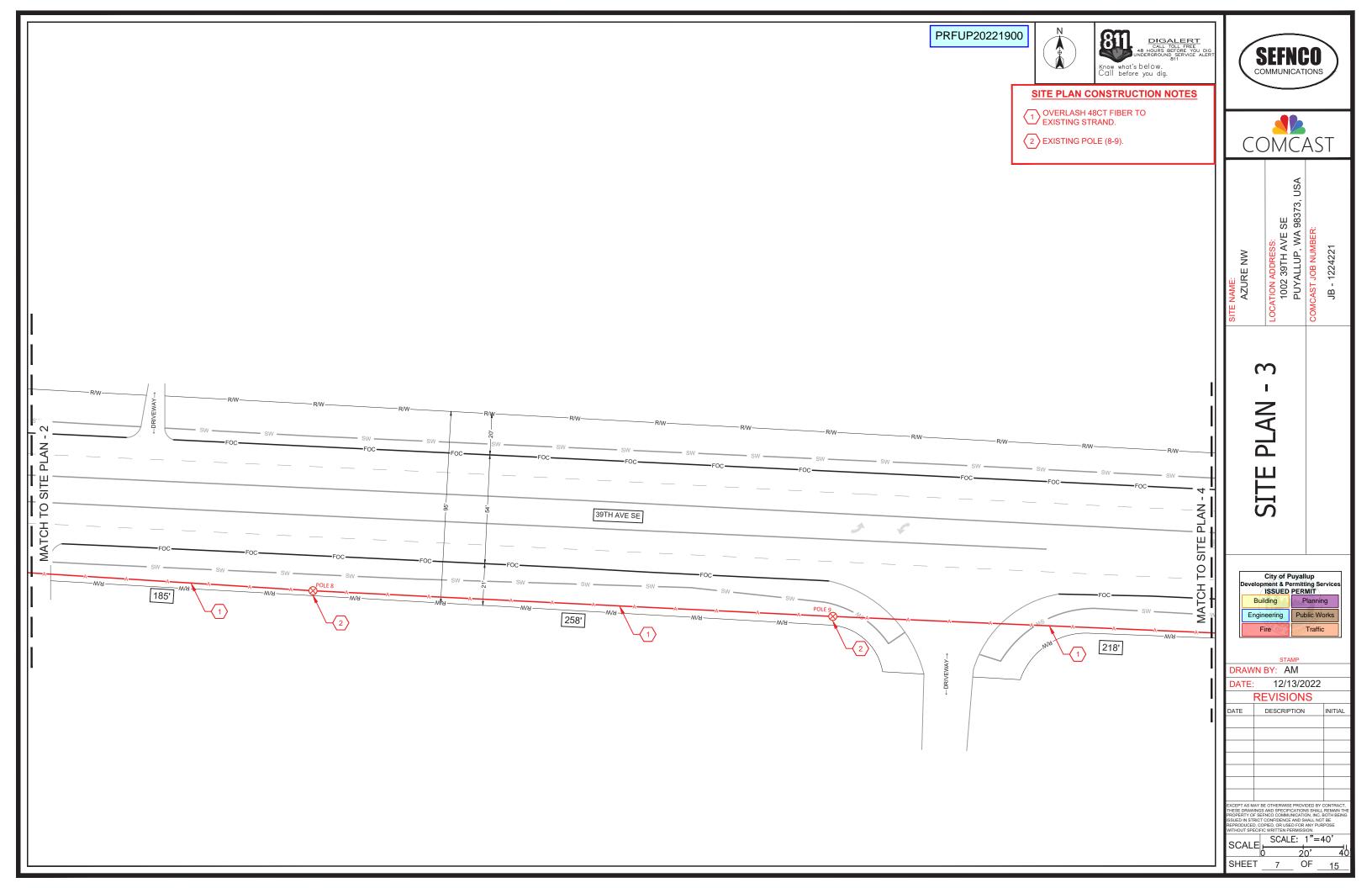
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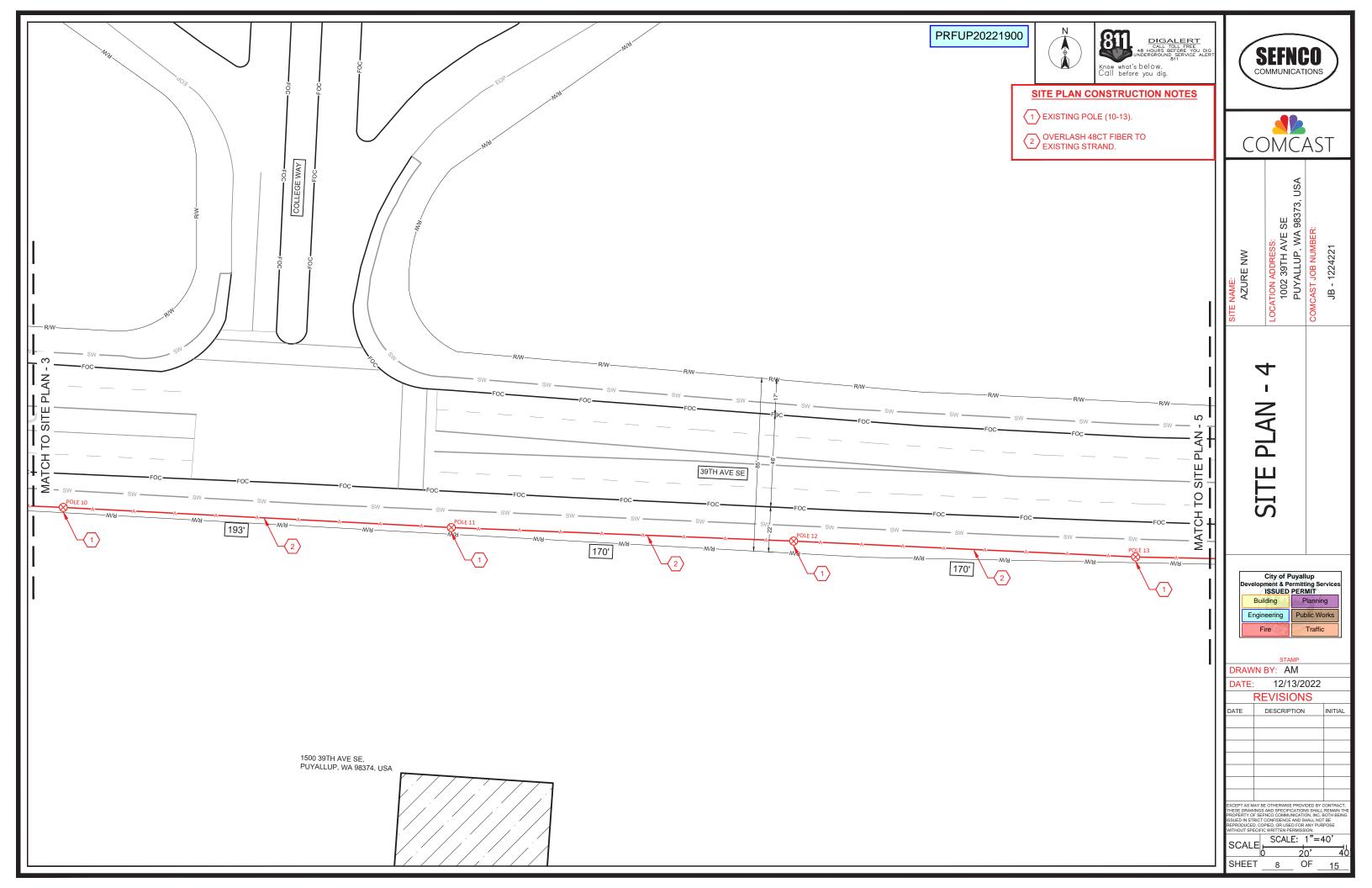
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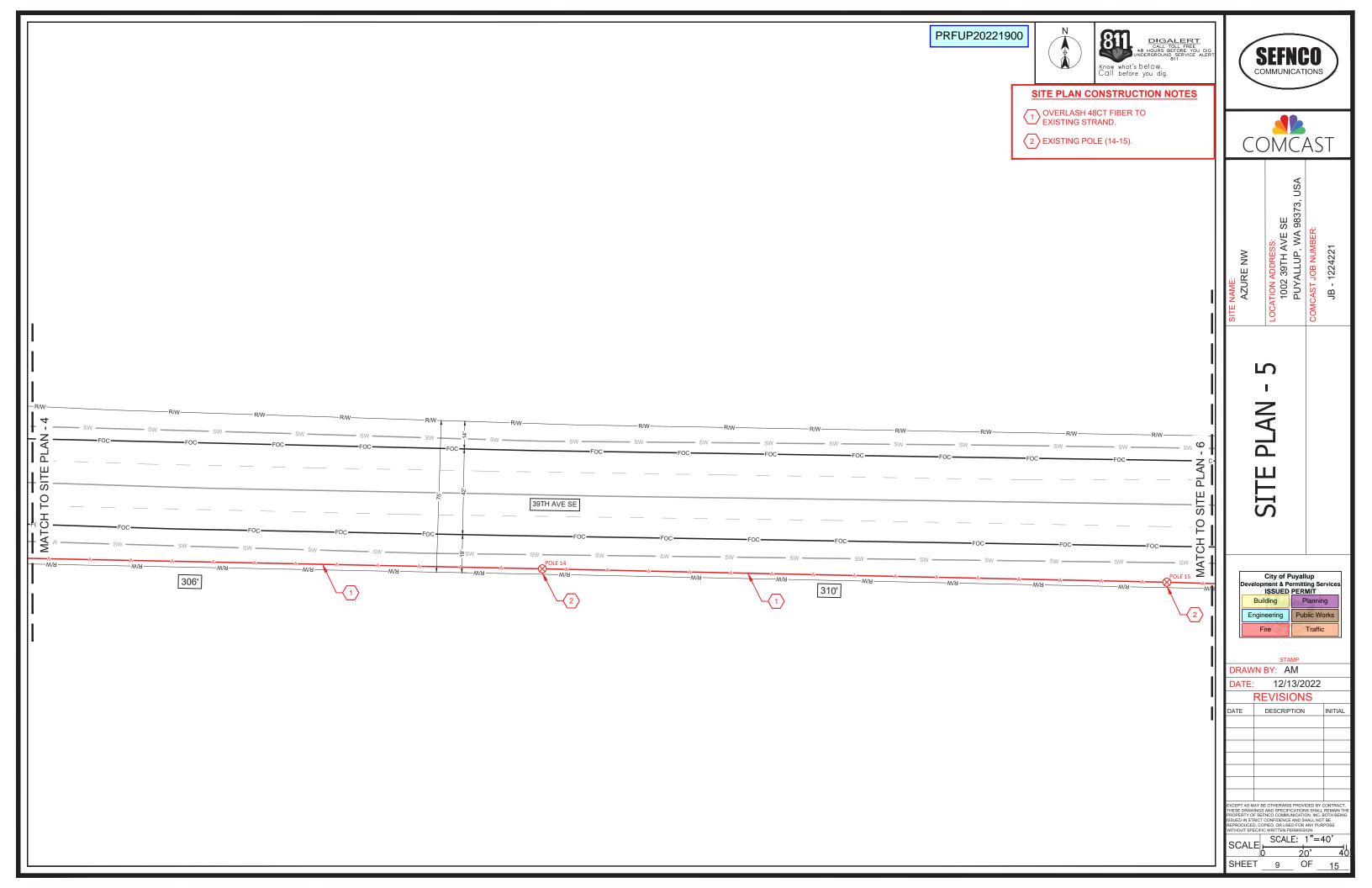


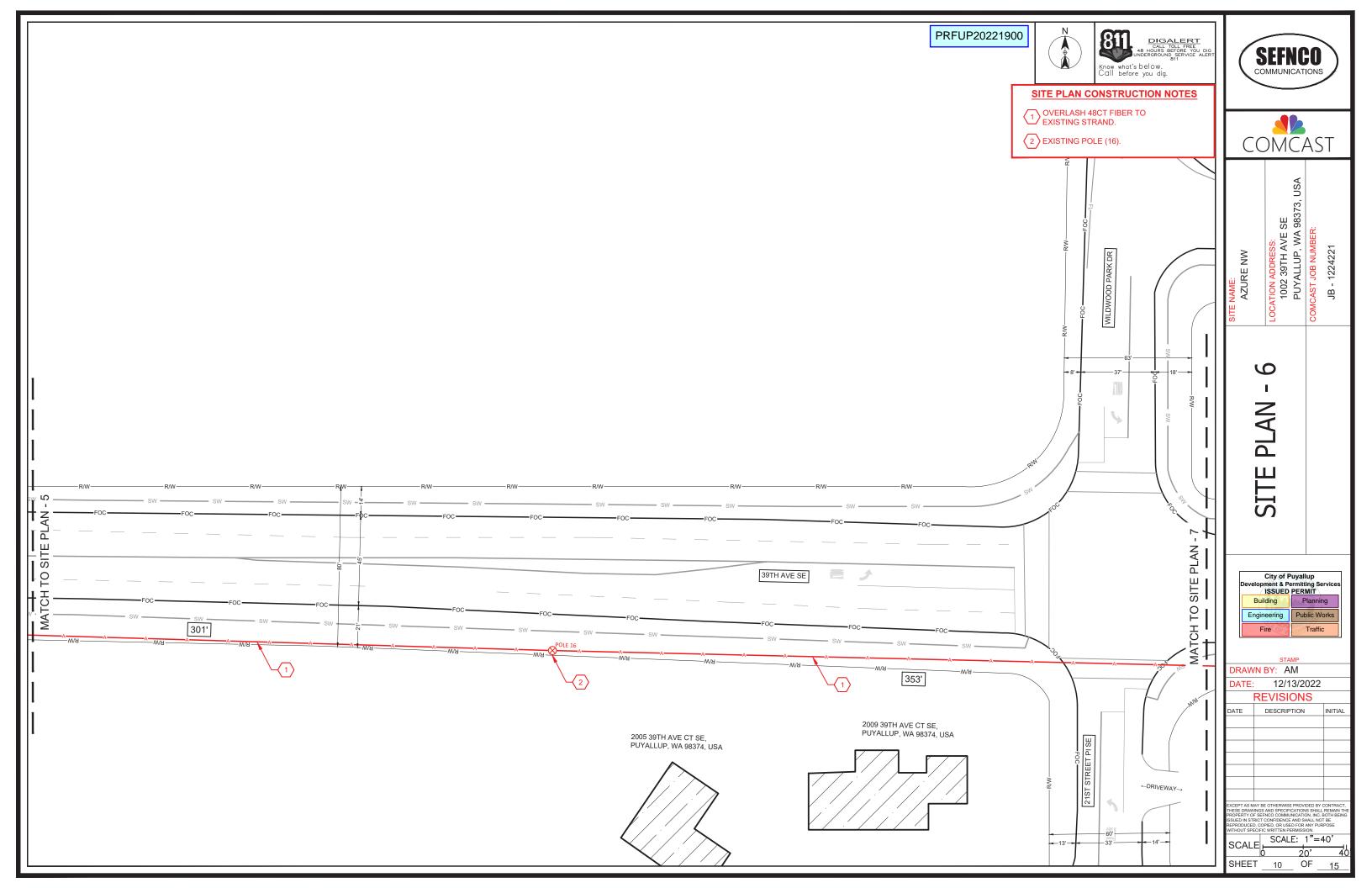


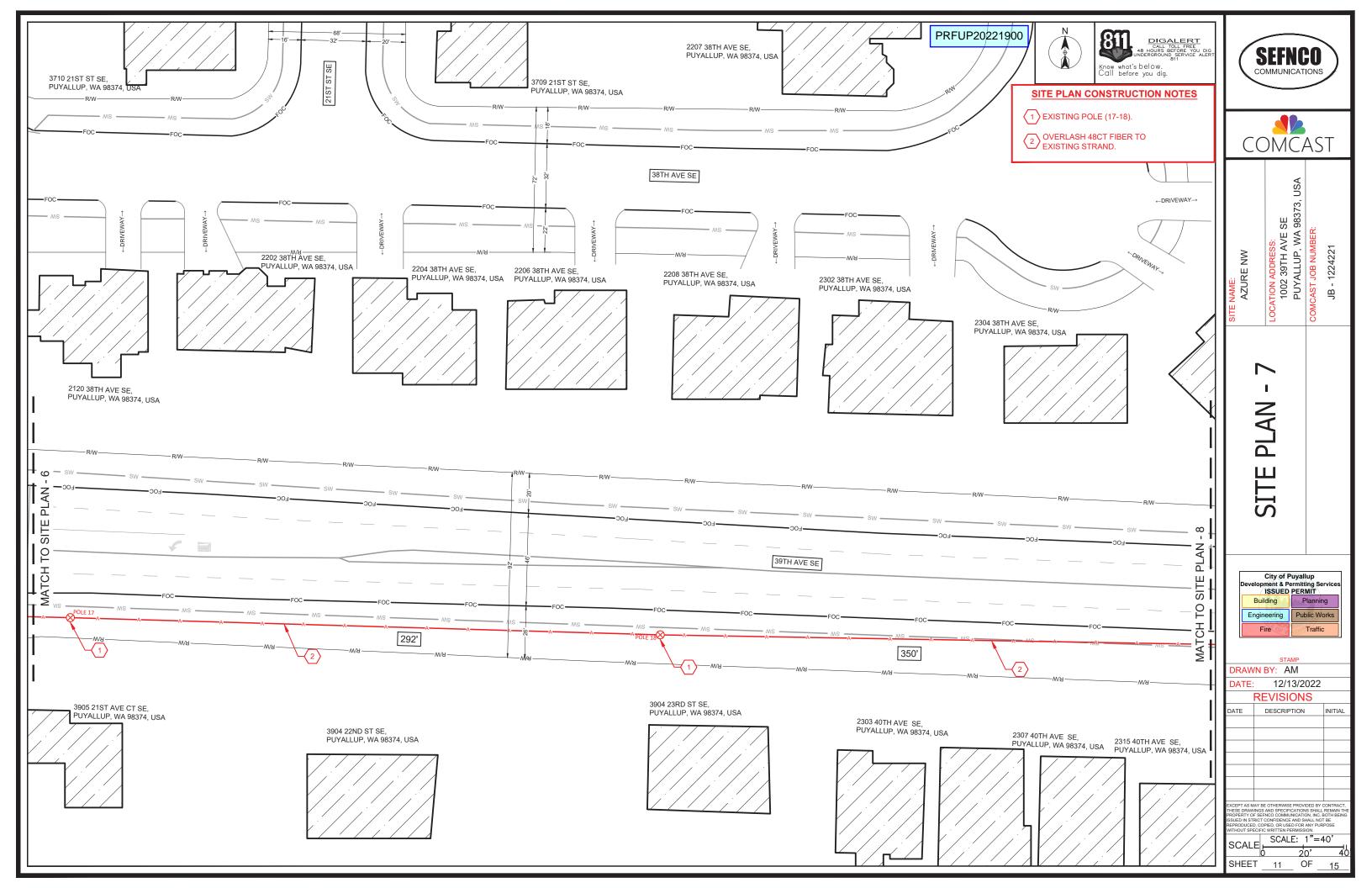


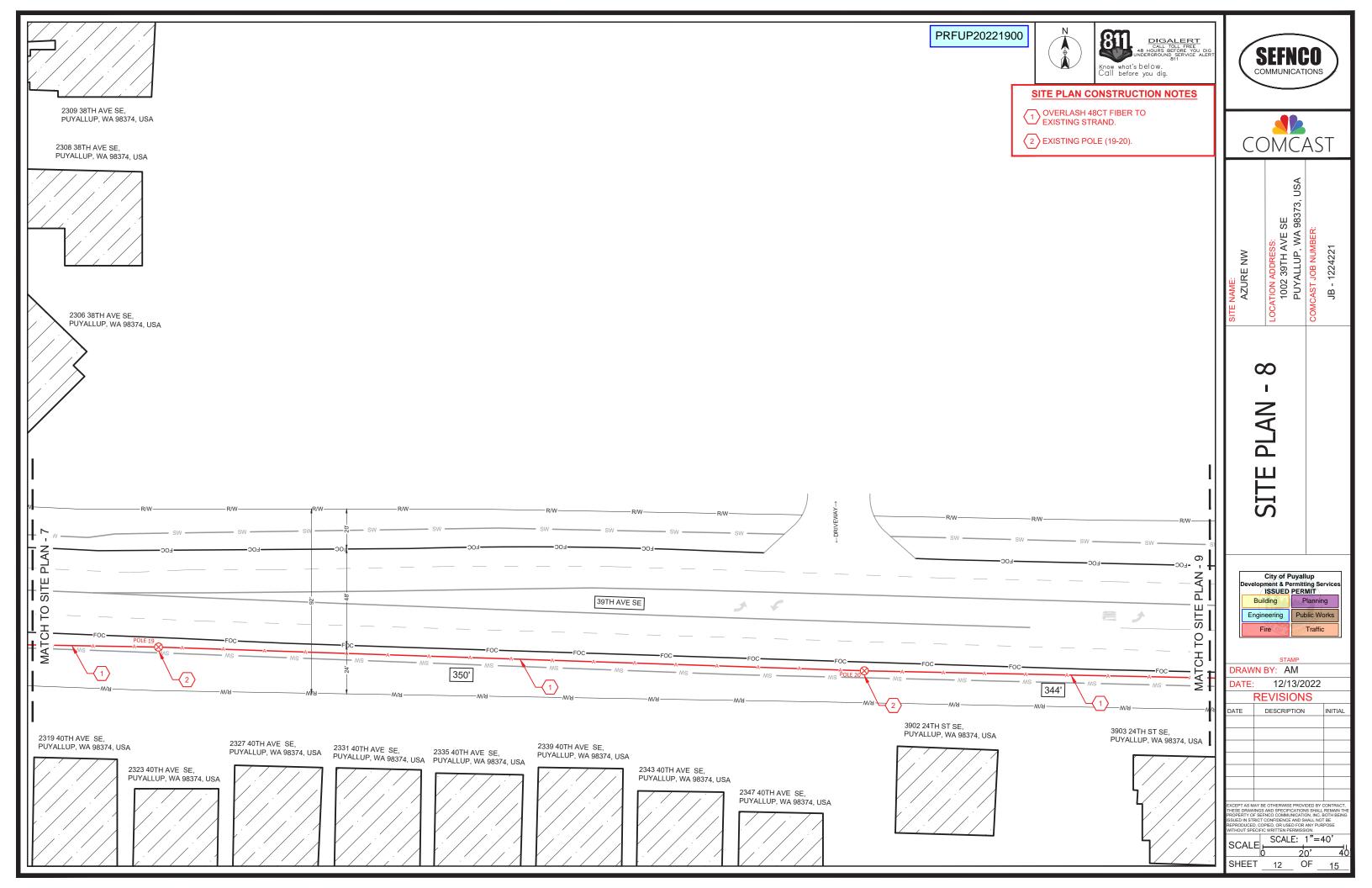


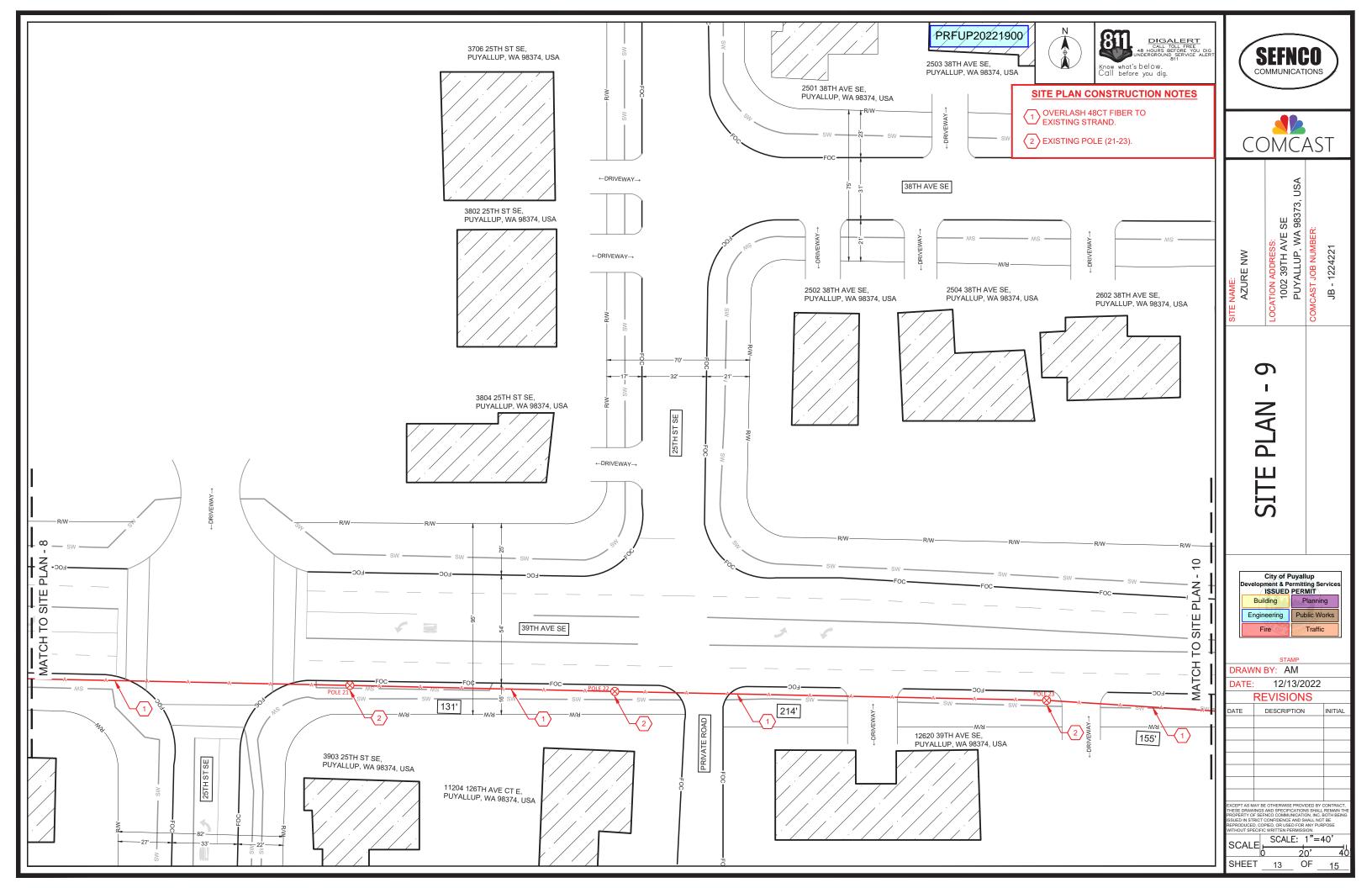


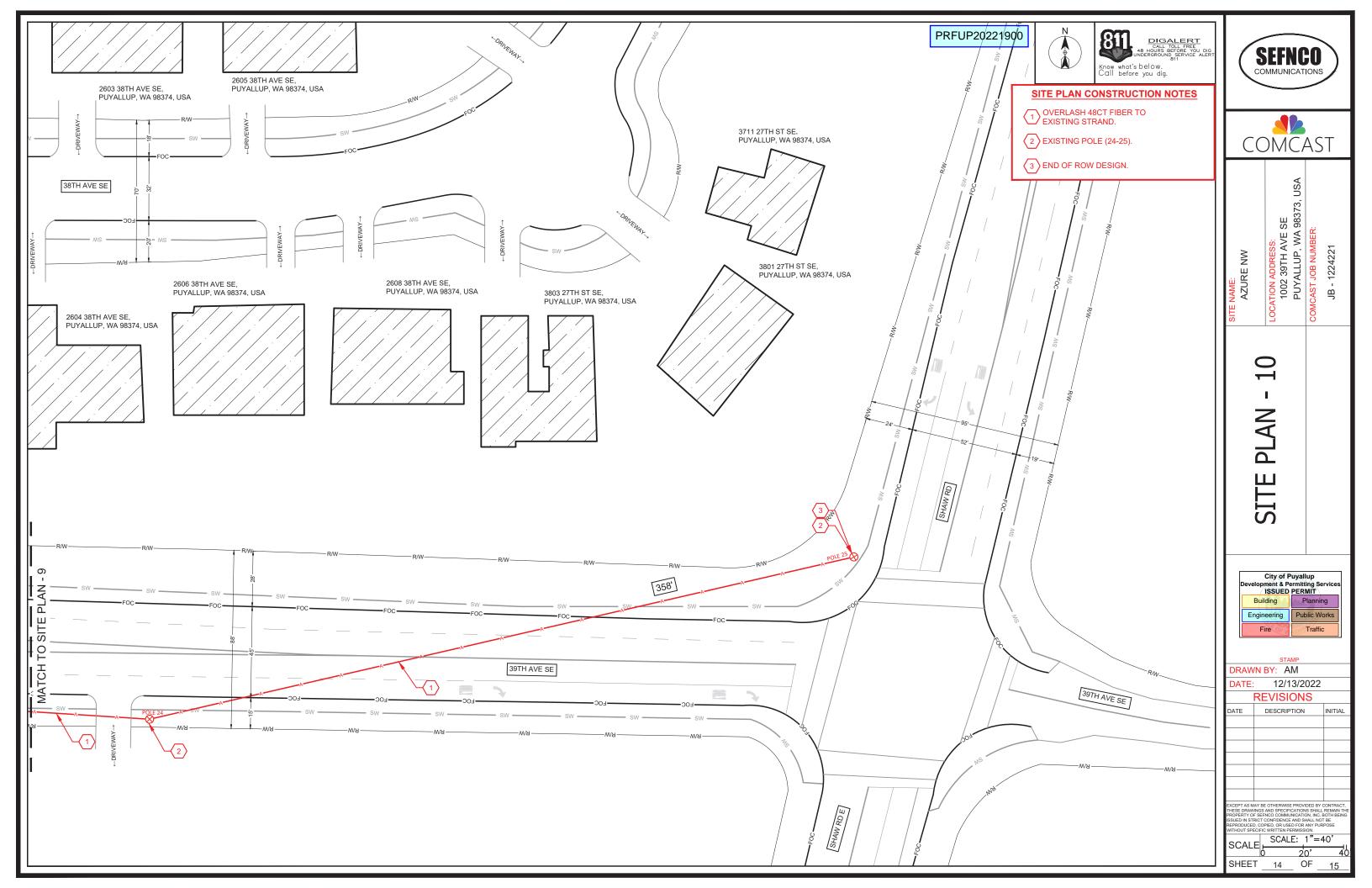












#### **AERIAL TYPICALS** PRFUP20221900 DIGALERT Know what's below. Call before you dig. TYPICAL DETAIL - B TYPICAL DETAIL - C TYPICAL DETAIL - A TYPICAL CABLE & HARDWARE INSTALLATION POLE ARRANGEMENT FOR REPEATER (6.6M STRAND \ 10M STRAND) POLE ARRANGEMENT FOR AERIAL TO BURIED CABLE OR HANDHOLE LOCATION CABLE LASHING WIRE CLAMP CABLE LASHING GROUND WIRE CLAMP 6.6M OR 10M STRAND-STAINLESS STEEL LASHER (X=MIN. OF 20 TIMES THE CABLE DIA.) CABLE SUPPORT AND 1/2" SPACER CAUTION TAG FIBER OPTIC CABLE STAINLESS STEEL LASHER CABLE SUPPORT AND 1/2" SPACER BLACK IN COLOR CAUTION TAG FIBER OPTIC CABLE ORANGE IN COLOR CABLE CLAMP CABLE -U-GUARD-POLE POLE TOP VIEW GROUND LEVEL-#6 INSULATED COPPER WIRE GROUND LEVEL AND 10'X3/4" COPPER CLAD-GROUND ROD GROUND LEVEL CONDUIT ON QUARTER ON POLE LEAST EXPOSED TO TRAVEL WAY. STEEL CONDUIT TO 42" MIN. HANDHOLE STEEL BEND (36" RADIUS) -GROUND EVERY 1/4 MILE AT STRAND TO SHEATH BOND LOCATION CONDUITS WITH DUCT PLUGS AND SIMPLEX PLUGS TYPICAL DETAIL - D TYPICAL DETAIL - E USE APPROPRIATE PVC TO STEEL COUPLER TYPICAL DETAIL - F SUSPENSION STRAND - PULL AWAY TYPICAL ARRANGEMENT OF SEE DETAIL H SEE DETAIL H FROM POLE - 5 FEET OR MORE CABLE LASHER AND CABLE GUIDE SUPPORT STRAND POLE TOP - CABLE LASHER CABLE GUIDE -CABLE SUSPENSION -BOLT CURVED WASHER-FIBER CABLE TO CABLE REEL CABLE 2 GUY HOOK SPACER NUT 5/8" X 2" ROUND-CORNER SUSPENSION TYPICAL DETAIL - I SUSPENSION STRAND - PULL TOWARD TYPICAL DETAIL - G POLE - LESS THAN 5 FEET TYPICAL DETAIL - H JOINING 045 LASHING WIRE LASHING WIRE GRIP AND CLAMP CABLE SUSPENSION C LASHING WIRE GRIP INSTALLED ON STRAND D CABLE LASHING CLAMP SPACER NUT 1ST LASHING WIRE REMOVE ANY SLACK IN THE LASHING FORM THE LASHING WIRE AROUND THE C LASHING - 2ND LASHING WIRE WIRE BY MAINTAINING A PULL ON THE STRAND AND PLACE IT BELOW THE STUD SHOULDER-WIRE GRIP WIRE AND TAPPING THE STRAND AND BETWEEN THE SECOND WASHER SHARPLY. THEN FORM THE WIRE OVER AND STUD SHOULDER. CURVED WASHER THE STUD AND TIGHTEN THE NUT. CUT THE FREE END OF THE LASHING 5/8" CABLE SUSPENSIO WIRE OFF 3/4" BEYOND THE END OF THE THREADED STUD 1ST WASHER FORMING WIRE OVER STUD OF CLAMP FORMING LASHING WIRE AROUND STRAND GROOVED PLATES LASHING WIRE SHOULD FOLLOW LAY CABLE SUSPENSION OF STRAND WIRES UNDER





ATION ADDRESS: 1002 39TH AVE SE PUYALLUP, WA 98373, L

**DETAIL** 

**IYPICAL** 

Development & Po	City of Puyallup Development & Permitting Service: ISSUED PERMIT				
Building	Planning				
Engineering	Public Works				
Fire OF V	Traffic				

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12/13/2022 **REVISIONS** 

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SCALE

SHEET OF 15