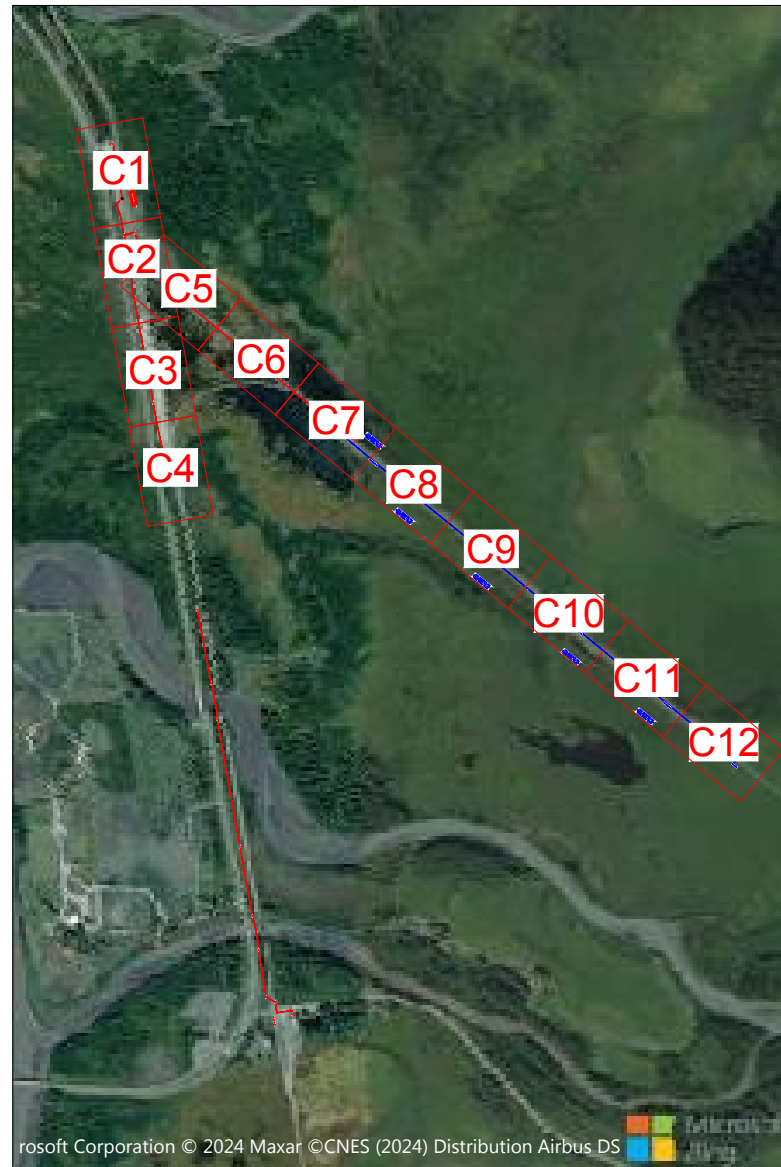


PORTAGE FIBER BUILD



ONE-CALL NOTIFICATION SYSTEM
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AREA MAP

ARRC PROJECT DRAWINGS

DATE: 3/19/2024

DRAWING INDEX	SHEET
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BUILDING ENTRANCES	--
TYPICAL DETAILS	T1-T3

CONTACT INFORMATION	
ARRC CONTACT (NAME):	RICK WILLIAMS
PHONE:	(907) 265-2300
EMAIL:	WILLIAMSRW@AKRR.COM
WILLIAMS CONTACT (NAME):	NICK WILLIAMS
PHONE:	(907) 868-8848
EMAIL:	NICK.WILLIAMS@WILCOMM.COM



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ANCHORAGE, AK 99503
PHONE: (907) 868-8848
www.wilcomm.com



ALASKA RAILROAD NOTES:

1. CONTRACTOR TO CALL IN LOCATES THROUGH ALASKA 811 AND RAILROAD UTILITIES (CONFIRMATION REQUIRED) A MINIMUM (10) DAYS PRIOR TO EXCAVATION. (1-907-278-3121)
2. CONTRACTOR TO CALL DEVELOPMENT SERVICES AT 903-237-1074 FOR SITE INSPECTION
3. CONTRACTOR TO MAINTAIN THREE (3) FEET MINIMUM HORIZONTAL AND TWO (2) FEET MINIMUM VERTICAL CLEARANCE FROM OTHER FACILITIES.
4. ALL UTILITY CROSSINGS MUST HAVE DEPTH VERIFIED BY POTHOLING.
5. ALL DIRECTIONAL BORING SHALL HAVE THE LOCATOR PLACE BORE MARKS AND DEPTHS WHILE THE BORE IS IN PROGRESS. LOCATOR SHALL PLACE A MARK AT EACH STEM WITH A PAINT DOT AND DEPTH AT LEAST EVERY OTHER STEM.
6. CONTRACTOR MUST CLEAN SEDIMENT AND MUD FROM STREETS AND OTHER PAVED SURFACES BY PICKING IT UP AND SWEEPING. WASHING DOWN STREETS IS NOT PERMITTED.
7. CONTRACTOR MUST PICK UP CONSTRUCTION DEBRIS AND TRASH DAILY
8. CONTRACTOR MUST STABILIZE DISTURBED AREAS IN ESTABLISHED LAWN AREAS WITH WHOLE BLOCK SOD. EROSION CONTROL MATTING AND/OR HYDRO-MULCH SEEDING AND FERTILIZING ARE PERMISSIBLE IN OTHER AREAS.
9. CONTRACTOR WILL NOT BE PERMITTED TO CLOSE TRAFFIC LANES BETWEEN 7:00AM AND 9:00AM OR BETWEEN 3:30PM AND 6:30PM UNLESS OTHERWISE APPROVED IN ADVANCE BY THE PERMITTING AUTHORITY OR ARRC.
12. CONTRACTOR IS PERMITTED TO WORK BETWEEN 6:00AM AND 6:00PM ON MONDAY THROUGH FRIDAY. SATURDAY WORK IS PERMITTED BETWEEN THE HOURS OF 8:00AM AND 5:00PM, ONLY IF AN ARRANGEMENT FOR INSPECTION HAS BEEN MADE WITH THE ARRC INSPECTOR NO LATER THAN THE PRECEDING THURSDAY AT 9:00AM. THE CONTRACTOR IS NOT PERMITTED TO WORK ON SUNDAYS OR CITY HOLIDAYS EXCEPT IN THE EVENT OF AN EMERGENCY.

COMMON ABBREVIATIONS

- | | |
|------------------------------------|-------------------|
| AC - ASPHALT CUT | HD - HAND DIG |
| BA - BRIDGE ATTACHMENT | HB - HOG BORE |
| CIC - CABLE IN CONDUIT | JB - JOINT BORE |
| DBC - DIRECT BURIED CABLE | JT - JOINT TRENCH |
| DB - DIRECTIONAL BORE | OH - OVERHEAD |
| EHS - EXTRA HIGH STRENGTH (STRAND) | TR - TRENCH |

TYPICAL CONSTRUCTION DETAILS

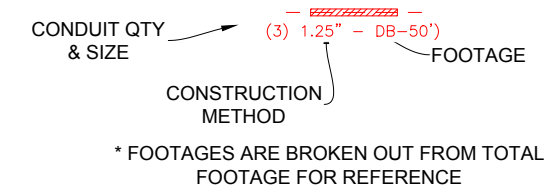
PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
PORTAGE, AK
ANCHORAGE
BOROUGH

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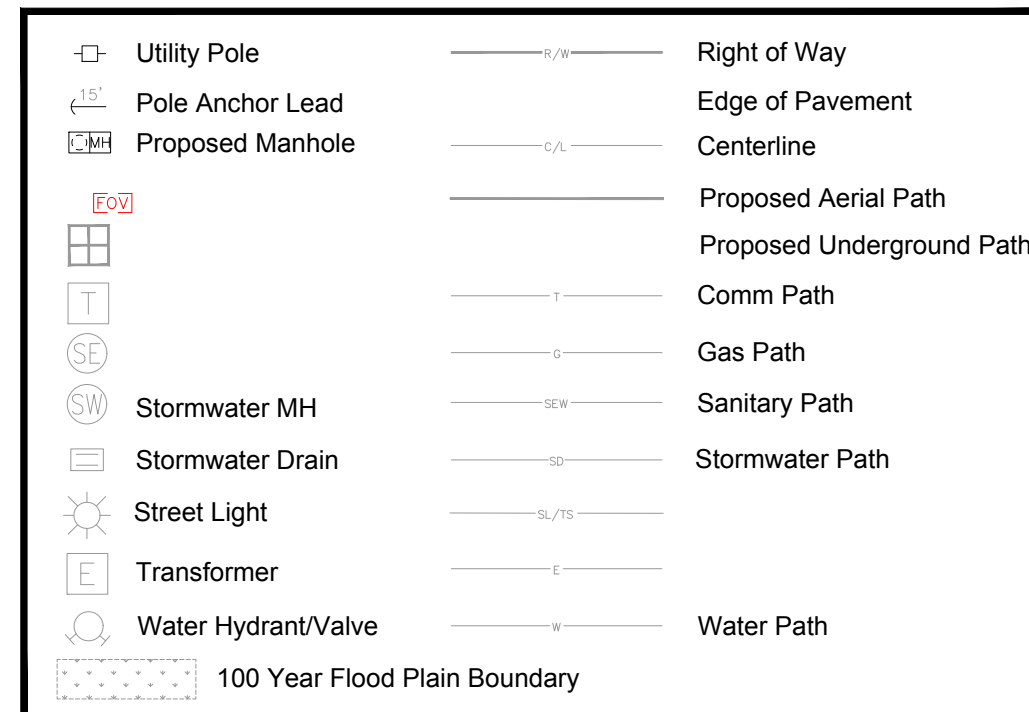
SPECIAL CONSTRUCTION METHODS



GENERAL NOTES

1. RIGHT OF WAY DATA USED FOR PERMITTING PURPOSES ONLY, NOT TO BE USED FOR SURVEYING PURPOSES.
2. ABOVE GROUND UTILITY FEATURES SHOWN FROM GIS DATA SOURCES PROVIDED BY OTHER UTILITIES AND ARRC. ALL SUBSURFACE UTILITIES SHOWN ARE APPROXIMATE. UTILITY LOCATES WILL BE PERFORMED PRIOR TO CONSTRUCTION.
3. PARCEL GIS DATA WAS PROVIDED BY THE ANCHORAGE BOROUGH.
4. ALL BORES WILL BEGIN AND END AT A MINIMUM OF 50' FROM CENTERLINE OF TRACKS, AND MINIMUM 10' FROM EDGE OF PAVEMENT.
5. PAVED DRIVEWAYS, AND PARKING LOTS CAN BE TRENCHED, WITH ASPHALT REPAIR IN LIKE NEW CONDITION.
6. UTILITY FACILITIES INSTALLED IN A DITCH LINE MUST MAINTAIN AT LEAST 36" OF COVER FROM THE CROWN OF THE CONDUIT TO THE BOTTOM OF THE DITCH LINE DESIGN DEPTH.
7. CONTRACTOR SHALL OBTAIN FORMAL APPROVAL FOR ANY INSTALLATION OF FACILITIES OUTSIDE OF PUBLIC RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
8. 100 YEAR FLOOD PLAIN DATA DEPICTED IS PROVIDED BY THE ANCHORAGE BOROUGH

SYMBOLS KEY



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CALL BEFORE YOU DIG! 1-907-278-3121
ALL POLE ATTACHMENTS ARE TO EXISTING POLES EXCEPT WHERE OTHERWISE INDICATED

- | | | | |
|--|--------------|--|-----------------|
| | POWER POLE | | JOINT USE POLE |
| | TELCO POLE | | EXISTING ANCHOR |
| | NEW HANDHOLE | | PROPOSED ANCHOR |

- | | |
|--|--|
| | PROPOSED FIBER OPTIC CABLE (AERIAL) |
| | PROPOSED FIBER OPTIC CABLE (UNDERGROUND) |
| | FIBER OPTIC SPLICE CASE |
| | FIBER STORAGE/SLACK LOOP |

DATE: 3/19/2024
SCALE: N.T.S.
CITY: PORTAGE, AK

DRAFTED BY: WILLIAMS
COUNTY/PARISH: ANCHORAGE

PORTAGE
FIBER BUILD
SHEET N1 OF N2

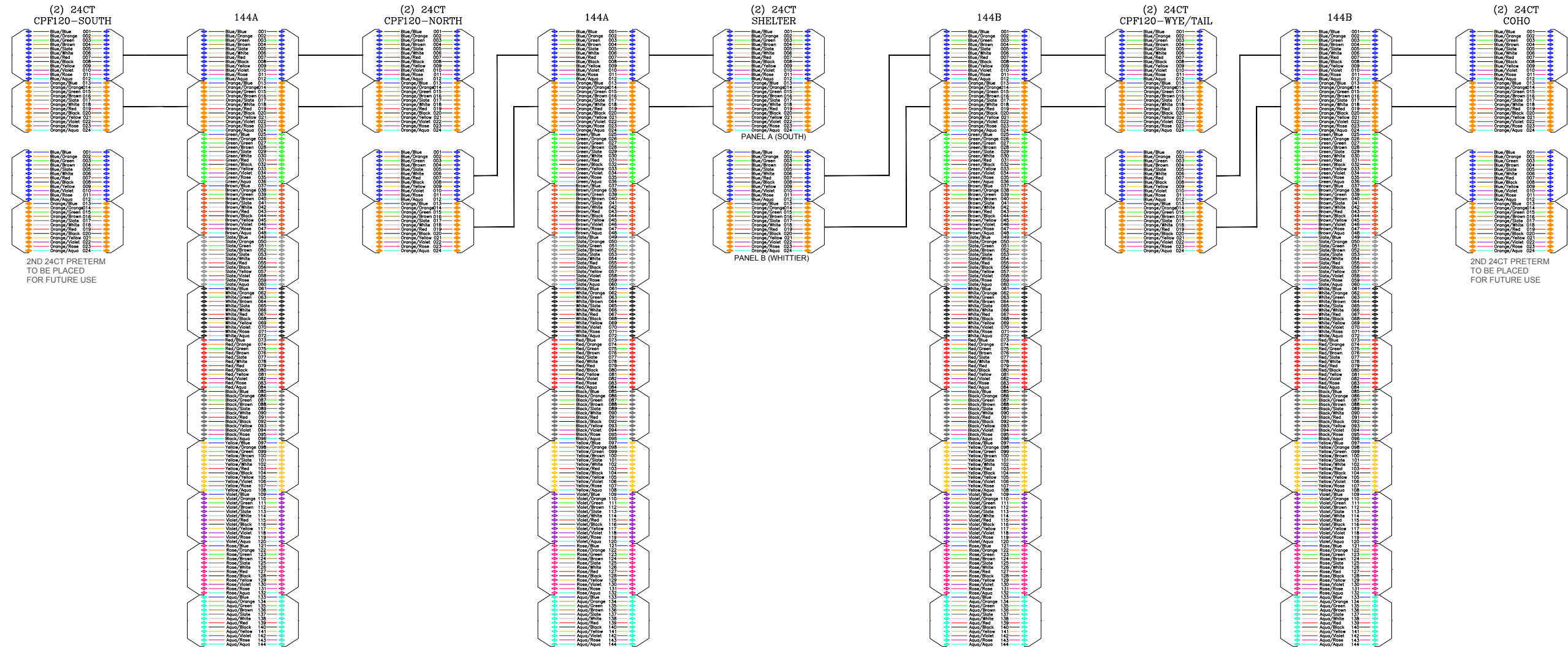
FIBER SPLICING DIAGRAM

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
PORTAGE, AK
ANCHORAGE
BOROUGH

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- ⊗ JOINT USE POLE (WITH TRANSFORMER)
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CITY: PORTAGE, AK



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-	N1	-
-	-	-

PORTAGE
FIBER BUILD
SHEET N2 OF N2



PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
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BOROUGH

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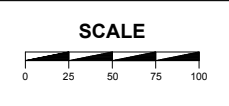
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C2	C1	--
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PORTAGE
FIBER BUILD
SHEET C1 OF C12

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DATE: 3/19/2024
SCALE: 1" = 100' (APPROX.)
CITY: PORTAGE, AK

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COUNTY/PARISH: MSB



PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
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ANCHORAGE
BOROUGH

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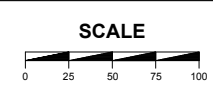
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C3	C2	C1
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DATE: 3/19/2024
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PORTAGE
FIBER BUILD
SHEET C2 OF C12



PROPOSED CONSTRUCTION PLANS

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PORTAGE
FIBER BUILD

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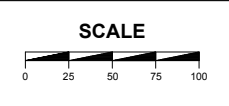
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C4	C3	C2
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PORTAGE
FIBER BUILD
SHEET C3 OF C12



PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
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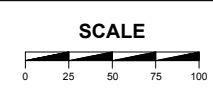
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--	C4	C3
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PORTAGE
FIBER BUILD
SHEET C4 OF C12



**PROPOSED
CONSTRUCTION
PLANS**

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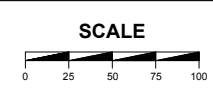
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C6	C5	C2
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PORTAGE
FIBER BUILD
SHEET C5 OF C12

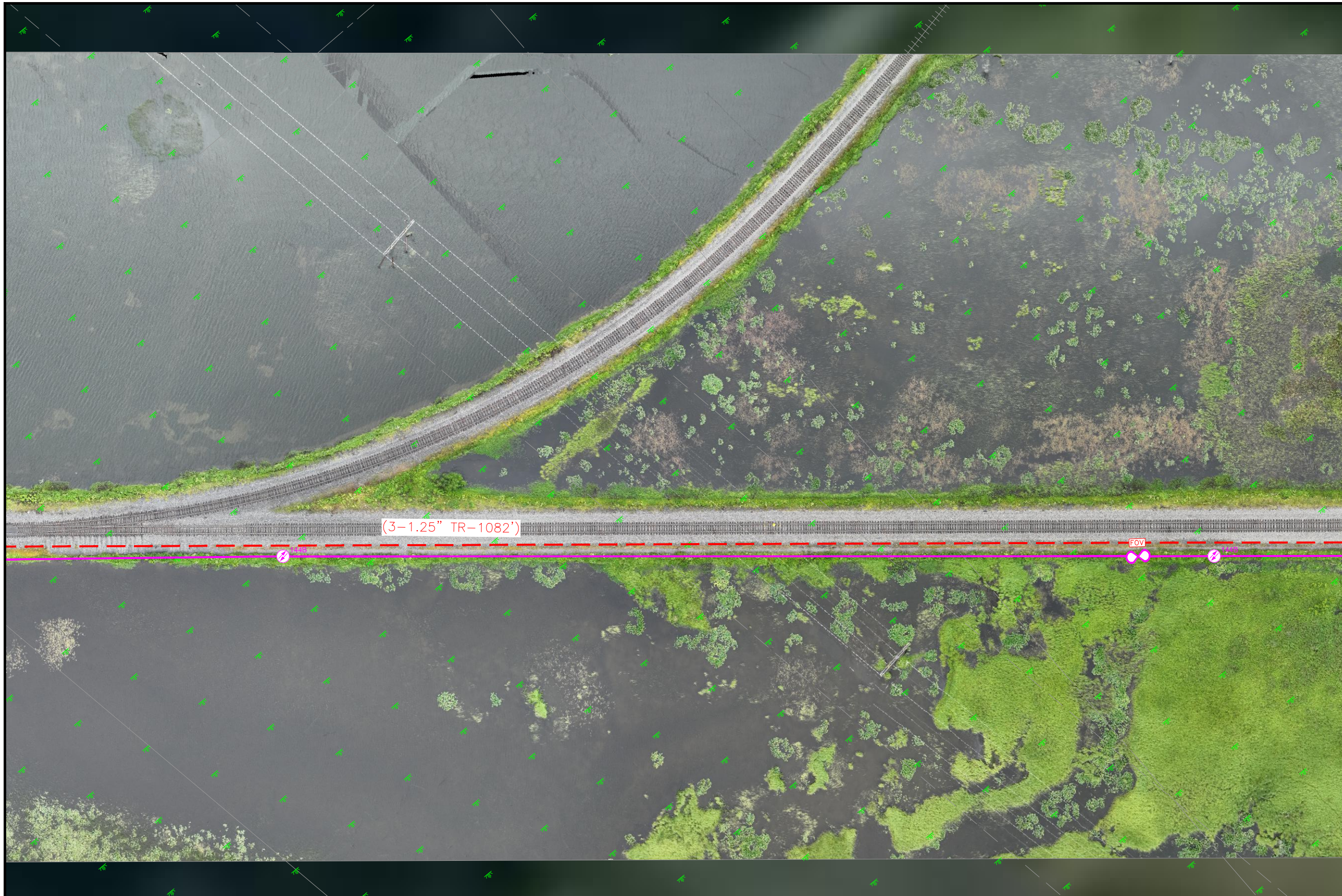
PROPOSED CONSTRUCTION PLANS

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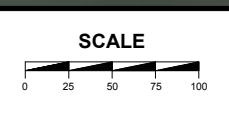
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C7	C6	C5
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DRAFTED BY: WILLIAMS
COUNTY/PARISH: MSB

PORTAGE
FIBER BUILD
SHEET C6 OF C12

PROPOSED CONSTRUCTION PLANS

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**MID-SHEATH ENTRY,
DO NOT CUT 144CT**

*NOTE: FUTURE WORK,
NOT FOR CONSTRUCTION
FOR REFERENCE ONLY



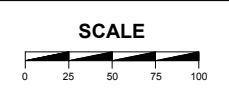
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C8	C7	C6
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CITY: PORTAGE, AK

DRAFTED BY: WILLIAMS
COUNTY/PARISH: MSB

PORTAGE
FIBER BUILD
SHEET C7 OF C12



*NOTE: FUTURE WORK,
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**PROPOSED
CONSTRUCTION
PLANS**

PROJECT NAME:
PORTAGE
FIBER BUILD

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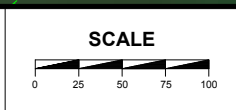
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C9	C8	C7
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DRAFTED BY: WILLIAMS
COUNTY/PARISH: MSB

PORTAGE
FIBER BUILD
SHEET C8 OF C12

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
PORTAGE, AK
ANCHORAGE
BOROUGH

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*NOTE: FUTURE WORK,
NOT FOR CONSTRUCTION
FOR REFERENCE ONLY



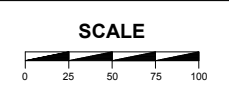
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C10	C9	C8
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CALL BEFORE YOU DIG! 1-907-278-3121
ALL POLE ATTACHMENTS ARE TO EXISTING POLES
EXCEPT WHERE OTHERWISE INDICATED

- ⊗ POWER POLE
- ⊗ JOINT USE POLE
- TELCO POLE
- ⊞ NEW HANDHOLE
- ⊗ JOINT USE POLE (WITH TRANSFORMER)
- ➔ EXISTING ANCHOR
- PROPOSED ANCHOR

- PROPOSED FIBER OPTIC CABLE (AERIAL)
- - - PROPOSED FIBER OPTIC CABLE (UNDERGROUND)
- ⊞ FIBER OPTIC SPLICE CASE
- ∞ FIBER STORAGE/SLACK LOOP



DATE: 3/19/2024
SCALE: 1" = 100' (APPROX.)
CITY: PORTAGE, AK

DRAFTED BY: WILLIAMS
COUNTY/PARISH: MSB

PORTAGE
FIBER BUILD
SHEET C9 OF C12

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
PORTAGE, AK
ANCHORAGE
BOROUGH

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(3-1.25" TR-1225')



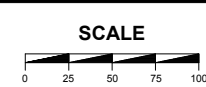
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C11	C10	C9
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- ⊗ JOINT USE POLE (WITH TRANSFORMER)
- EXISTING ANCHOR
- PROPOSED ANCHOR

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- - - PROPOSED FIBER OPTIC CABLE (UNDERGROUND)
- ⊕ FIBER OPTIC SPLICE CASE
- ∞ FIBER STORAGE/SLACK LOOP



DATE: 3/19/2024
SCALE: 1" = 100' (APPROX.)
CITY: PORTAGE, AK

DRAFTED BY: WILLIAMS
COUNTY/PARISH: MSB

PORTAGE
FIBER BUILD
SHEETC10OF C12

PROPOSED CONSTRUCTION PLANS

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
PORTAGE, AK
ANCHORAGE
BOROUGH

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(3-1.25" TR-910')

FOV

144B



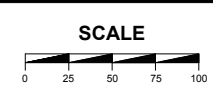
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C12	C11	C10
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- TELCO POLE
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CITY: PORTAGE, AK

DRAFTED BY: WILLIAMS
COUNTY/PARISH: MSB

PORTAGE
FIBER BUILD
SHEETC11OF C12

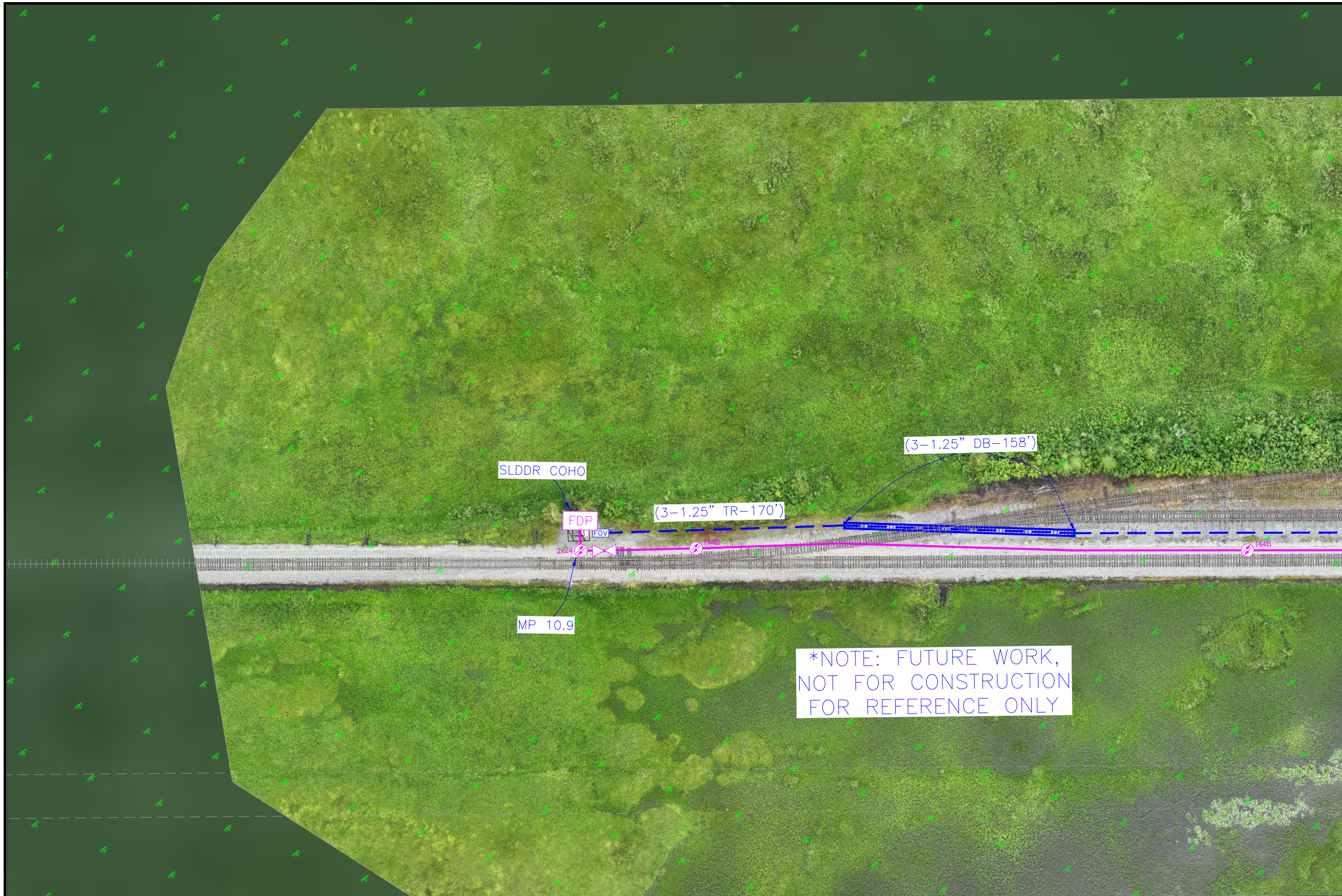
PROPOSED CONSTRUCTION PLANS

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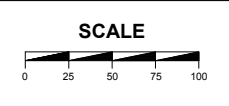
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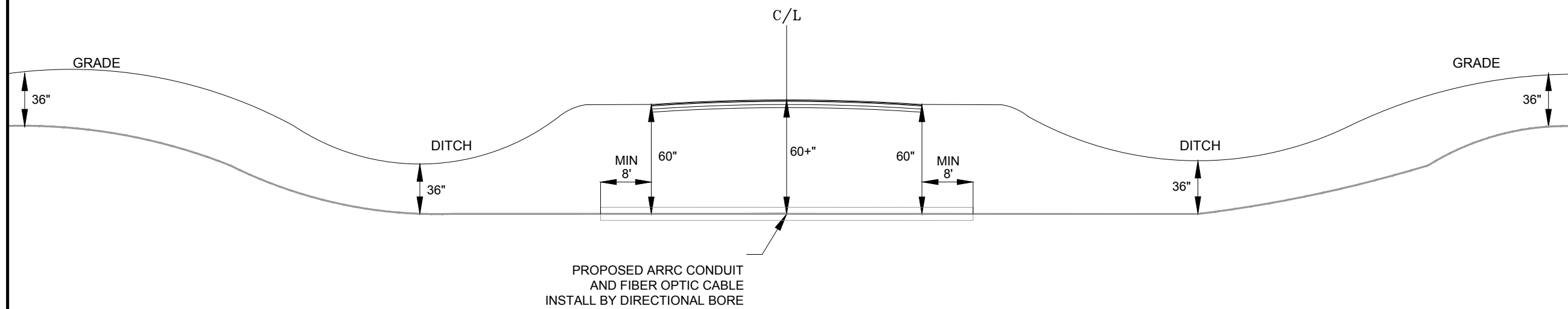


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PORTAGE
FIBER BUILD
SHEETC12OF C12

BORE PROFILE TYPICAL ROAD CROSSING



* REFER TO DESIGN FOR NUMBER OF FIBER OPTIC CABLES AND CONDUITS AT EACH CROSSING

TYPICAL CONSTRUCTION DETAILS

PROJECT NAME:
PORTAGE
FIBER BUILD

PROJECT LOCATION:
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DATE: 3/19/2024
SCALE: N.T.S.
CITY: PORTAGE, AK

DRAFTED BY: WILLIAMS
COUNTY/PARISH: ANCHORAGE

PORTAGE
FIBER BUILD
SHEET T1 OF T3

TYPICAL CONSTRUCTION DETAILS

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PORTAGE
FIBER BUILD

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ANCHORAGE
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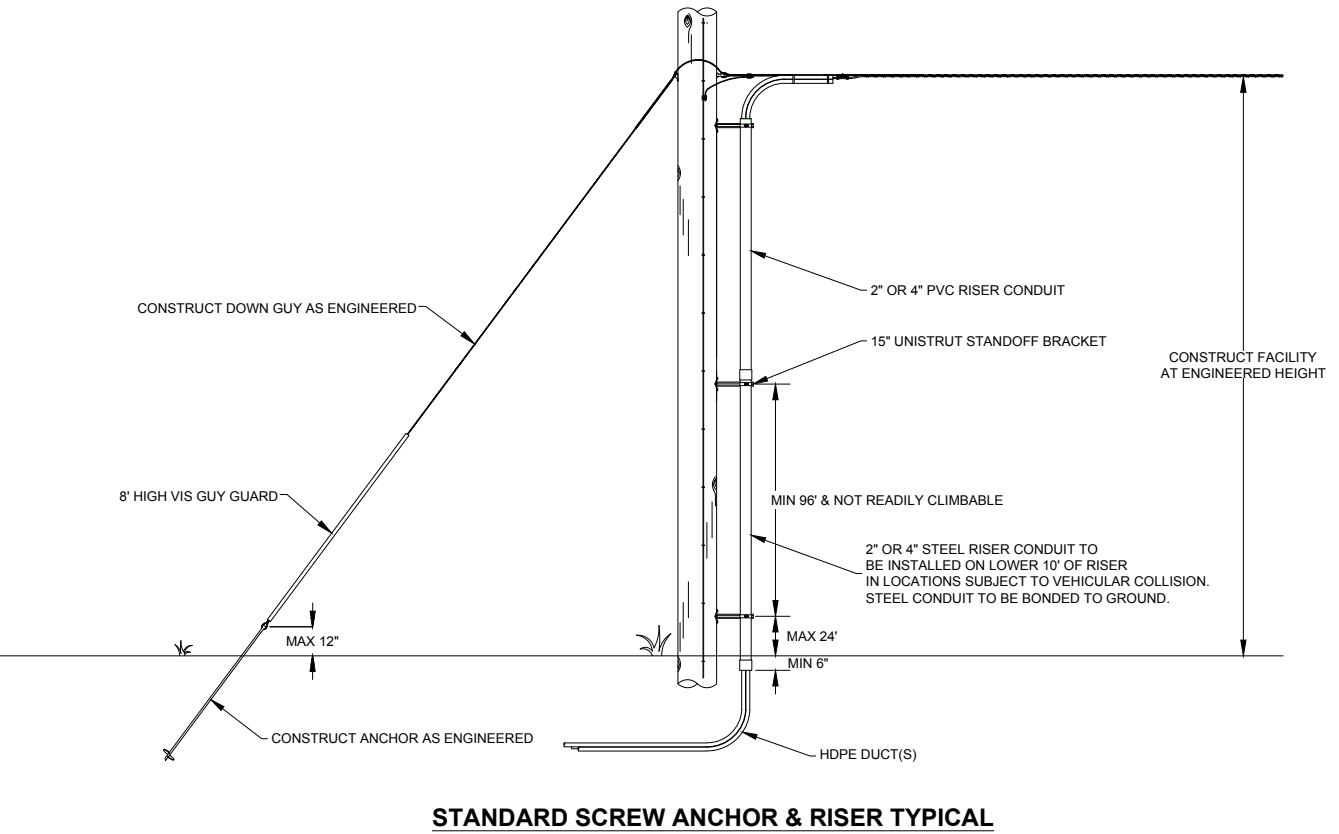
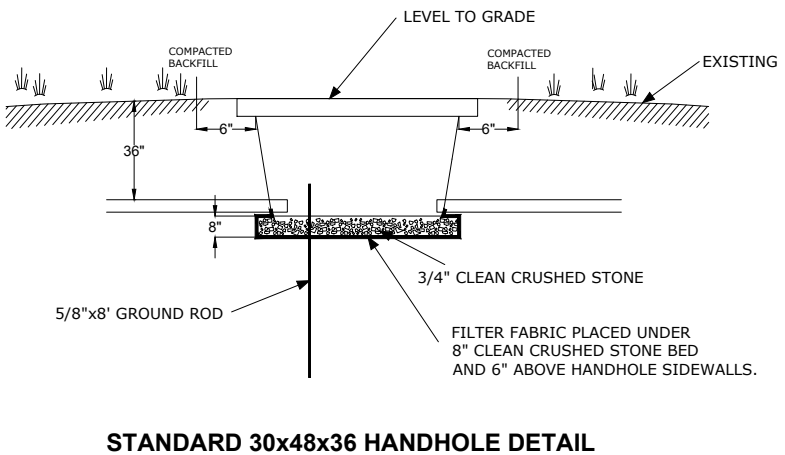
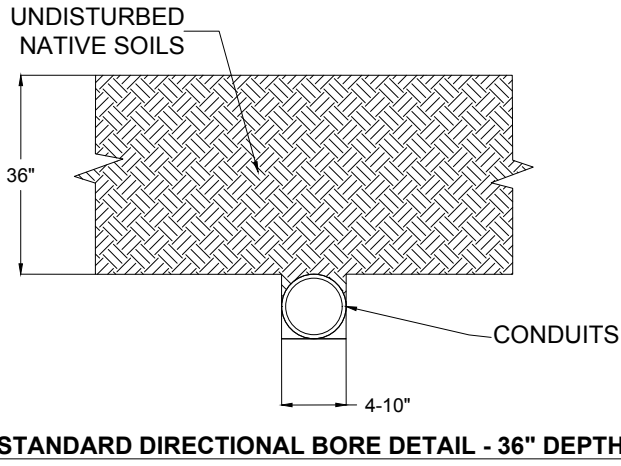
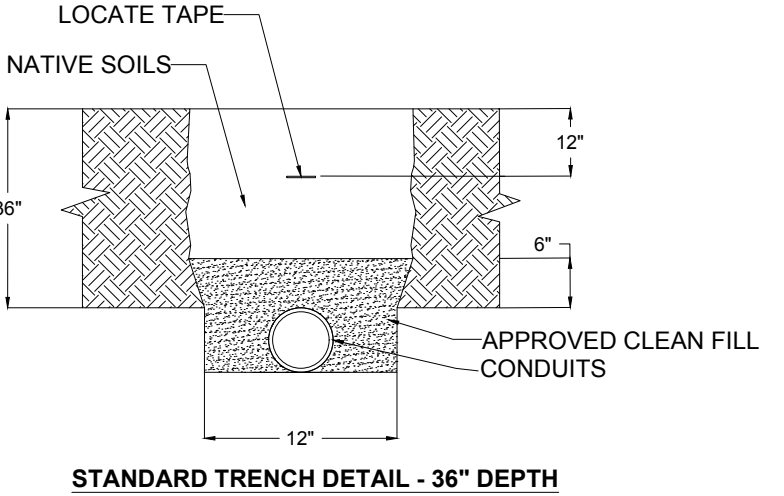
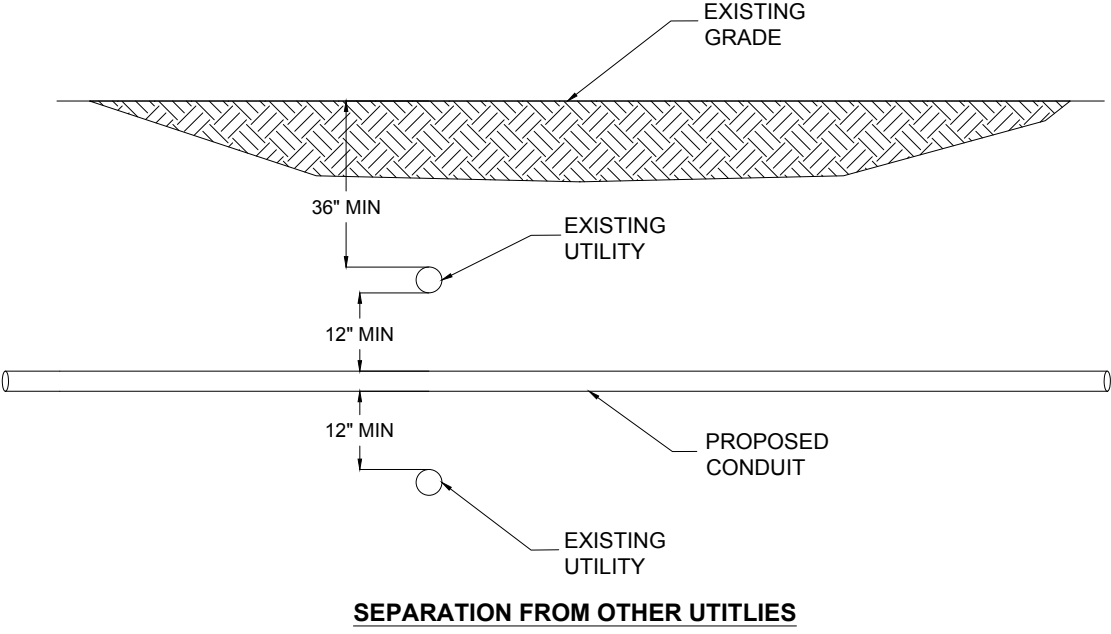
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PORTAGE
FIBER BUILD
SHEET T2 OF T3

NOTE: CONTRACTOR TO POTHOLE ALL UTILITIES TO CONFIRM DEPTH BEFORE CROSSING.
CONTRACTOR TO POTHOLE TO A MINIMUM OF 12" BELOW PROPOSED BORE DEPTH TO CONFIRM SEPARATION FROM UTILITIES BELOW



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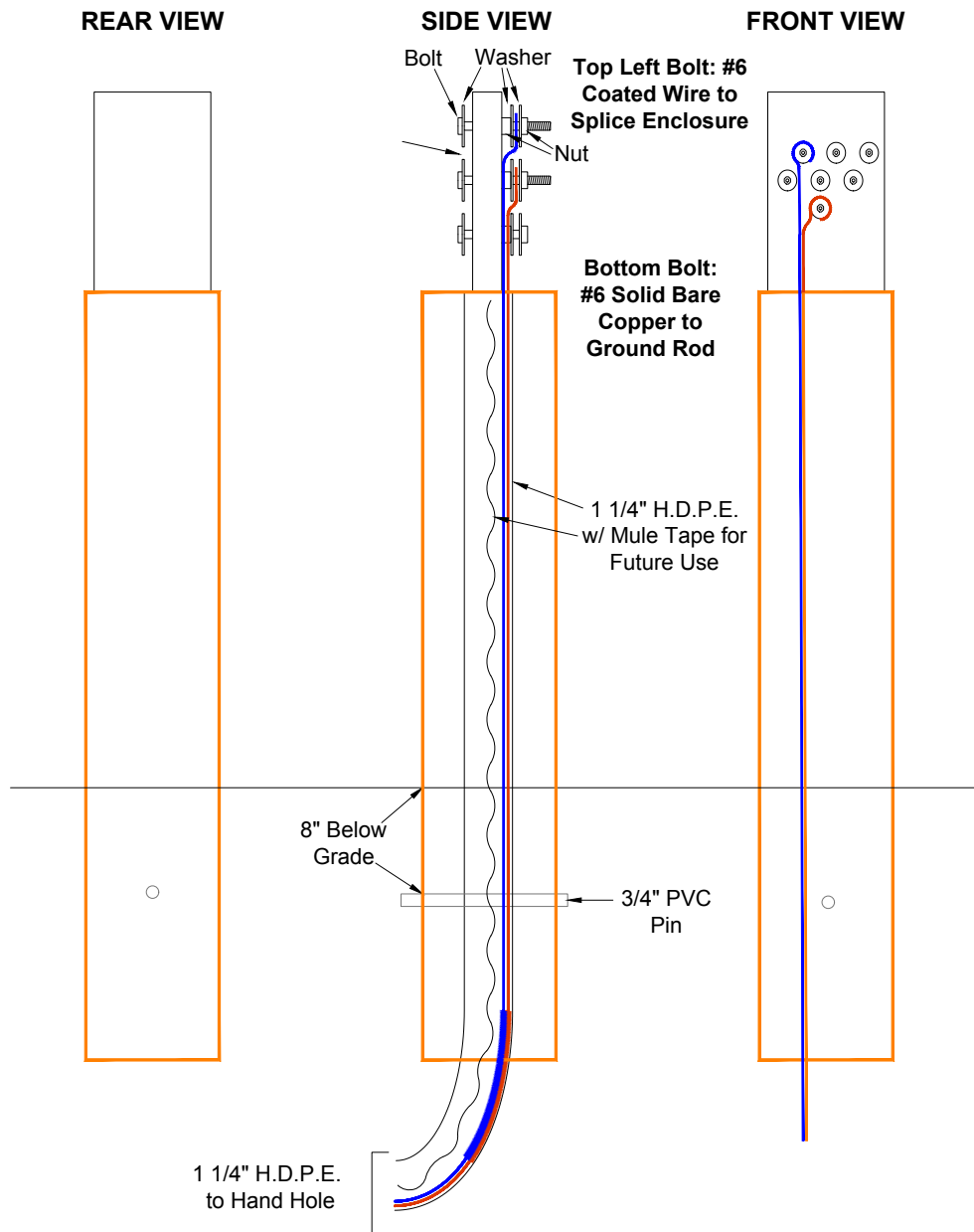
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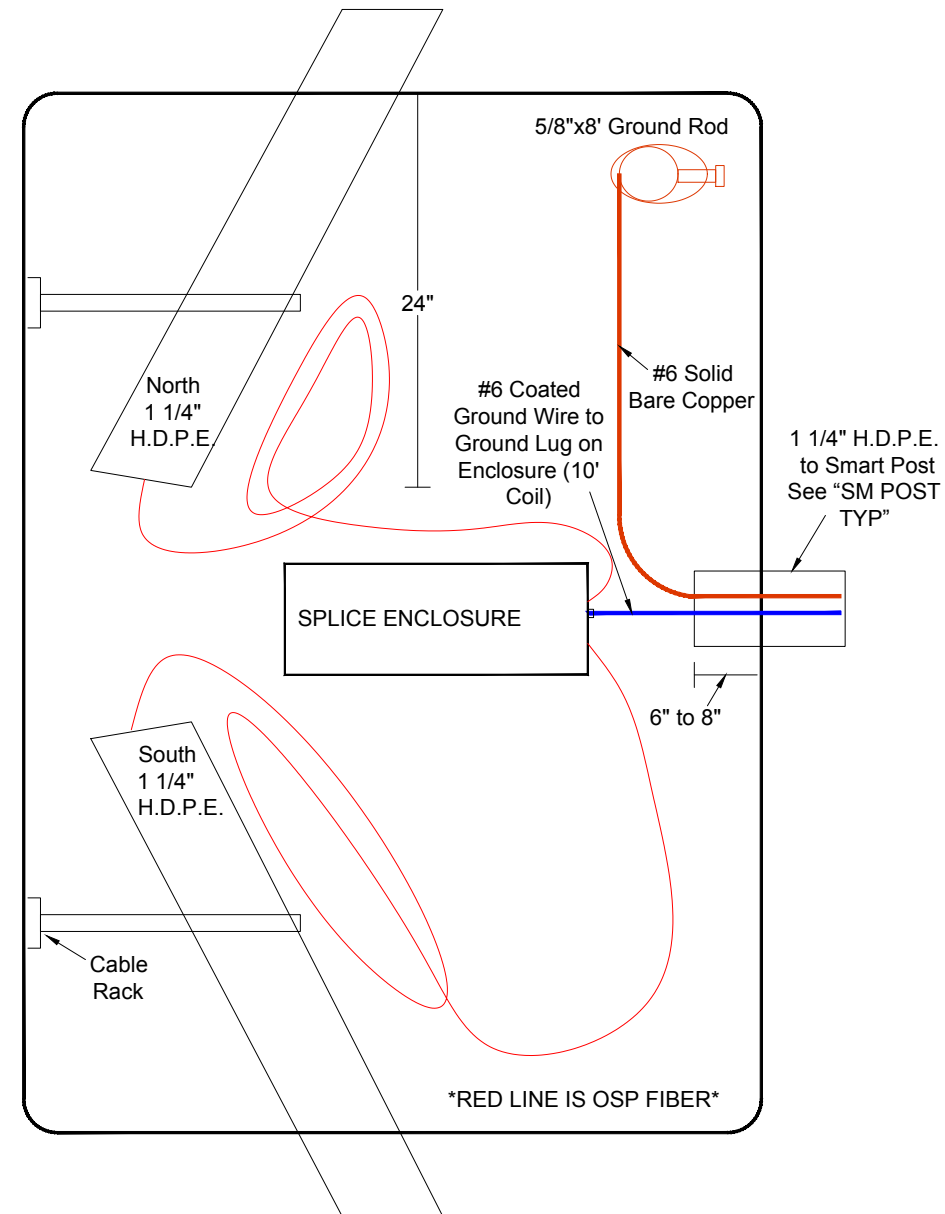
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COUNTY/PARISH: ANCHORAGE

TYPICAL HANDHOLE/VAULT INSTALLATION WITH SMART POST (SPLICE LOCATIONS)

TYPICAL SMART POST INSTALLATION



TYPICAL HANDHOLE / VAULT INSTALLATION
(30"x48")



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PORTAGE
FIBER BUILD
SHEET T3 OF T3