



**SITE NAME: PIONEER PARK**  
**SITE NUMBER: SE63XC112**  
**AUGMENT ID: SE63XC112F18.1**  
**ADDRESS: 8477 SE 68TH ST**  
**MERCER ISLAND, WA 98040**  
**JURISDICTION: MERCER ISLAND**  
**SITE TYPE: MONOPOLE**  
**PROGRAM TYPE: LIT-TO-LIT FIBER**

CARRIER:



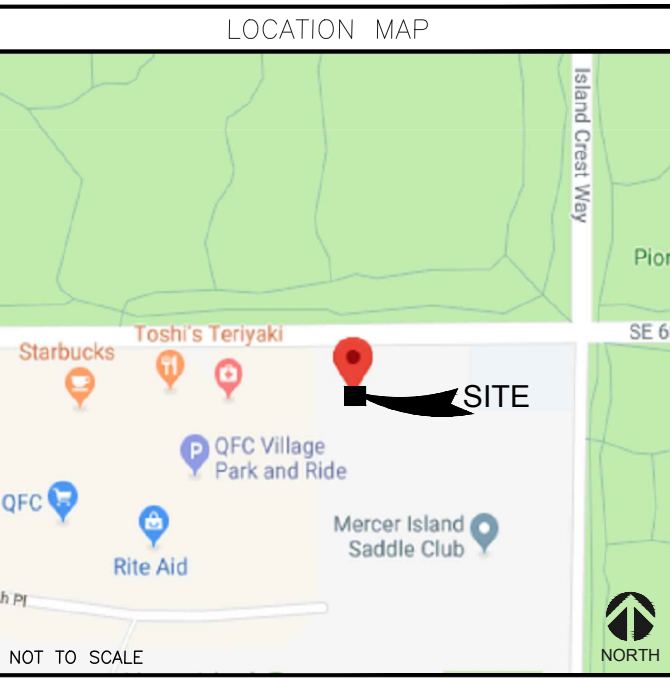
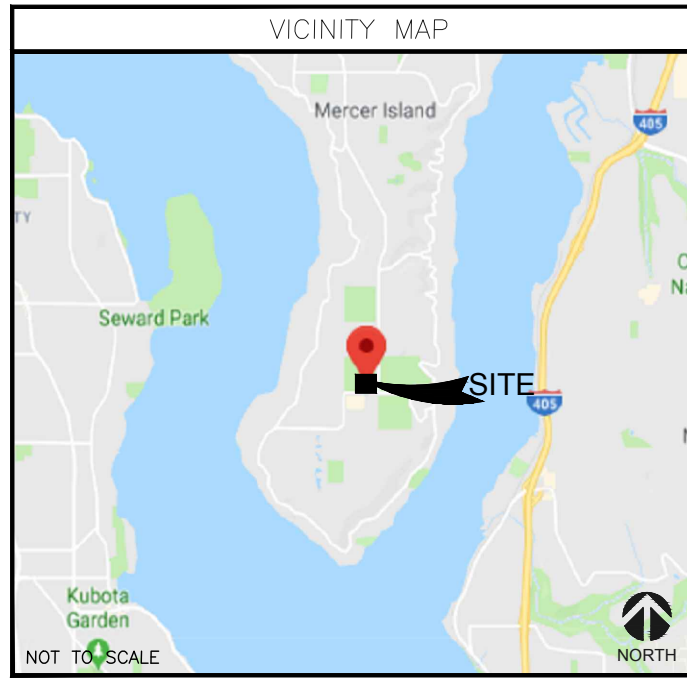
PLAN PREPARED FOR:



PLAN PREPARED BY:



PROJECT INFORMATION	
COUNTY:	KING COUNTY
JURISDICTION:	MERCER ISLAND
SITE NAME:	PIONEER PARK
SITE NUMBER:	SE63XC112
AUGMENT ID:	SE63XC112F18.1
SITE ADDRESS:	8477 SE 68TH ST MERCER ISLAND, WA 98040
LATITUDE:	47° 32' 29.9652" N (NAD '83)
LONGITUDE:	122° 13' 25.0926" W (NAD '83)
GROUND ELEVATION:	339' AMSL (NAVD '88)
CONSTRUCTION TYPE:	IIB
OCCUPANCY:	S-2
PARCEL ID #:	302405-9095
ZONING:	R-9,6
PROPERTY OWNER:	MERCER ISLAND CONSERVATION TRUST C/O CITY OF MERCER ISLAND 9611 SE 36TH ST. MERCER ISLAND, WA 98040
TOWER OWNER:	CROWN CASTLE
CARRIER/APPLICANT:	SAC WIRELESS ON BEHALF OF SPRINT
ELECTRIC PROVIDER:	PUGET SOUND ENERGY PHONE: (206) 947-0335
FIBER PROVIDER:	CENTURY LINK
SPRINT PROJECT MANAGER:	JODI JONES EMAIL: JODI.JONES@SPRINT.COM
A&E FIRM:	LETS AMERICA, INC. 112 S. KYRENE ROAD, SUITE 1 CHANDLER, AZ 85226 PHONE: (480) 961-9151 EMAIL: INFO@LETSINC.COM



INDEX OF DRAWINGS		
SHEET	DESCRIPTION	REVISION
T-1	TITLE SHEET	0
A-1	LIT-TO-LIT FIBER SITE PLANS	0
A-2	LIT-TO-LIT FIBER EQUIPMENT DETAILS	0
A-3	SITE PHOTOS	0

REVISIONS				
REV.	DATE	DESCRIPTION	INITIALS	
A	11/03/18	90% CD'S	VSA	
0	01/16/19	FOR CONSTRUCTION	RAM	

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

PROJECT CONSULTANTS	
PROJECT MANAGEMENT:	SAC WIRELESS ENGINE ROOM 540 W. MADISON ST., 9TH FLOOR CHICAGO, IL 60661 PHONE: (312) 895-4977 WWW.SACW.COM
PROFESSIONAL ENGINEER:	LETS AMERICA, INC. 112 S. KYRENE ROAD, SUITE 1 CHANDLER, AZ 85226 PHONE: (480) 961-9151 EMAIL: INFO@LETSINC.COM
SPRINT RF ENGINEER:	DEVESH RANGNEKAR
SITE ACQUISITION & ZONING:	SAC WIRELESS ENGINE ROOM 540 W. MADISON ST., 9TH FLOOR CHICAGO, IL 60661 PHONE: (312) 895-4977 WWW.SACW.COM
CONSTRUCTION MANAGER:	MARK WEAVER PHONE: (949) 748-3482 EMAIL: MARK.2.WEAVER@SPRINT.COM
SPRINT CONTACT:	JENNIFER COFFMAN PHONE: (913) 315-147 EMAIL: JENNIFER.A2.COFFMAN@SPRINT.COM

PROJECT DESCRIPTION
<b>HEAVY SCOPE:</b>
<ul style="list-style-type: none"> <li>SPRINT TO INSTALL NEW 3" CONDUIT WITH (2) 1" INNER-DUCTS FROM PROPOSED MMP TO PROPOSED NID (±130')</li> <li>SPRINT TO INSTALL NEW FIBER THROUGH EXISTING 2" CONDUIT FROM MMBTS TO JUNCTION BOX (±15')</li> <li>SPRINT TO INSTALL NEW 2" FLEX CONDUIT FROM JUNCTION BOX TO PROPOSED NID (±2')</li> <li>SPRINT TO INSTALL NEW FIBER THROUGH NEW 2" FLEX CONDUIT FROM JUNCTION BOX TO PROPOSED NID (±2')</li> <li>FV TO INSTALL NEW FIBER THROUGH NEW 3" CONDUIT WITH (2) 1" INNER-DUCTS FROM PROPOSED MMP TO PROPOSED NID (±130')</li> <li>FV TO INSTALL NEW NID ON H-FRAME</li> <li>PROPOSED MMP IN A NEW VAULT (47.541994', -122.223703')</li> </ul>

DIRECTIONS
DIRECTIONS FROM: SEATTLE-TACOMA INTERNATIONAL AIRPORT, 17801 INTERNATIONAL BLVD, SEATTLE, WA 98158
<ol style="list-style-type: none"> <li>GET ON WA-518 E FROM AIRPORT EXPRESSWAY</li> <li>TAKE I-405 N TO ISLAND CREST WAY IN MERCER ISLAND. TAKE EXIT 7 FROM I-90 W</li> <li>FOLLOW ISLAND CREST WAY TO SE 68TH ST</li> </ol>
ARRIVE AT: 8477 SE 68TH ST, MERCER ISLAND, WA 98040

SPECIAL NOTES
<ol style="list-style-type: none"> <li>ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT SPRINT CONSTRUCTION INSTALLATION GUIDE.</li> <li>EXISTING CONDITIONS WILL BE CHANGED &amp; VERIFIED IN FIELD. IF SIGNIFICANT DEVIATIONS OR DETERIORATION ARE ENCOUNTERED AT THE TIME OF CONSTRUCTION, A REPAIR PERMIT WILL BE OBTAINED &amp; CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.</li> <li>CONTRACTOR SHALL VERIFY ALL PLANS &amp; EXISTING DIMENSIONS &amp; CONDITIONS ON THE JOB SITE &amp; SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.</li> <li>THESE DRAWINGS ARE FULL SIZE ON 11"x17" SHEET SIZE.</li> <li>STATEMENT THAT COMPLIANCE WITH THE ENERGY CODE IS NOT REQUIRED. SCOPE OF WORK DOES NOT INVOLVE MODIFICATIONS TO EXTERIOR ENVELOPE OF BUILDING, HVAC SYSTEMS OR ELECTRICAL LIGHTING.</li> </ol>

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WASHINGTON, CALL UTILITY NOTIFICATION CENTER  
TOLL FREE: 1-800-424-5555 OR  
www.callbeforeyoudig.org

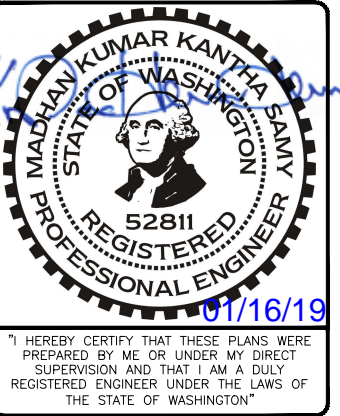
WASHINGTON STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

**DO NOT SCALE DRAWINGS**

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

CODE COMPLIANCE	
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.	
2015 INTERNATIONAL BUILDING CODE 2015 INTERNATIONAL ENERGY CONSERVATION CODE 2015 INTERNATIONAL FIRE CODE 2015 INTERNATIONAL FUEL GAS CODE 2015 INTERNATIONAL MECHANICAL CODE 2015 INTERNATIONAL RESIDENTIAL CODE 2015 INTERNATIONAL WILDLAND-URBAN CODE 2014 NATIONAL ELECTRICAL CODE	
<b>ACCESSIBILITY REQUIREMENTS:</b>	
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE.	

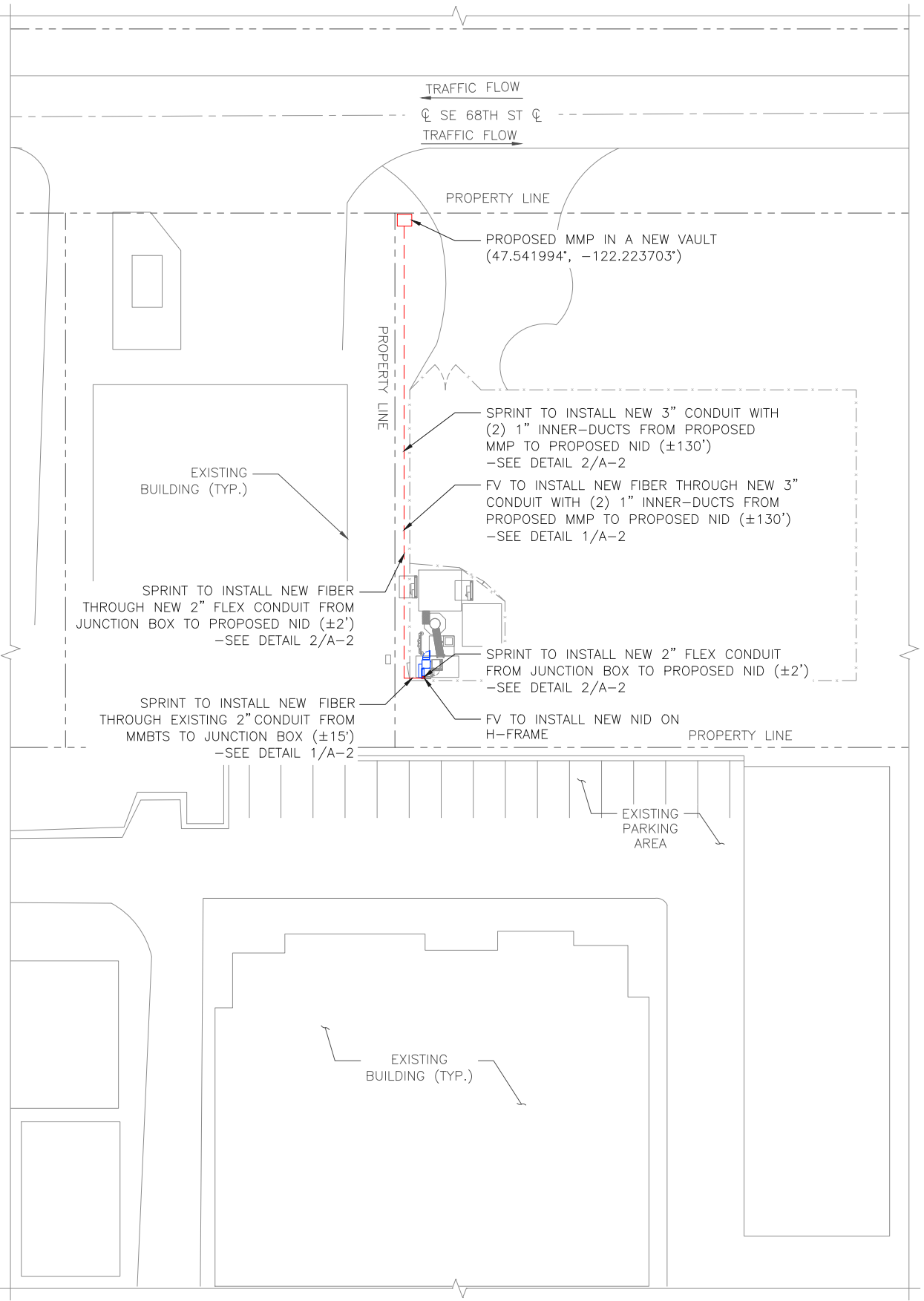
APPROVALS		
DISCIPLINE:	SIGNATURE:	DATE:
LANDLORD:		



SE63XC112  
 SE63XC112F18.1  
 PIONEER PARK  
 8477 SE 68TH ST  
 MERCER ISLAND, WA 98040

SHEET TITLE:  
**TITLE SHEET**

SHEET NUMBER:  
**T-1**



**PROJECT SCOPE:**  
**HEAVY SCOPE:**

- SPRINT TO INSTALL NEW 3" CONDUIT WITH (2) 1" INNER-DUCTS FROM PROPOSED MMP TO PROPOSED NID (±130')
- SPRINT TO INSTALL NEW FIBER THROUGH EXISTING 2" CONDUIT FROM MMBTS TO JUNCTION BOX (±15')
- SPRINT TO INSTALL NEW 2" FLEX CONDUIT FROM JUNCTION BOX TO PROPOSED NID (±2')
- SPRINT TO INSTALL NEW FIBER THROUGH NEW 2" FLEX CONDUIT FROM JUNCTION BOX TO PROPOSED NID (±2')
- FV TO INSTALL NEW FIBER THROUGH NEW 3" CONDUIT WITH (2) 1" INNER-DUCTS FROM PROPOSED MMP TO PROPOSED NID (±130')
- FV TO INSTALL NEW NID ON H-FRAME
- PROPOSED MMP IN A NEW VAULT (47.541994°, -122.223703°)
- THERE ARE NO POWER OR SPACE CONSTRAINTS IN THE MMBTS
- CONSTRUCTION IS REQUIRED; TRENCHING REQUIRED

**SITE NOTES:**

1. SITE INFORMATION WAS PREPARED USING EXISTING DOCUMENTATION AND/OR SITE MEASUREMENTS AND SHOULD NOT BE INTERPRETED AS AN ACCURATE BOUNDARY SURVEY.
2. THIS SITE PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO ALL THE EASEMENTS AND RESTRICTIONS OF RECORD.
3. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING A PRIVATE UTILITY LOCATE IF NEEDED TO DETERMINE THE UNDERGROUND STRUCTURES ON PRIVATE PROPERTY. THESE DRAWINGS DO NOT DEPICT ALL UNDERGROUND UTILITIES IN THE PROJECT AREA.
4. LATITUDE AND LONGITUDE COORDINATES ASSOCIATED WITH PROPOSED EQUIPMENT/INFRASTRUCTURE WERE BASED UPON GOOGLE EARTH AND WERE NOT FIELD VERIFIED FOR PRECISION. THE EXACT LOCATION OF PROPOSED EQUIPMENT/INFRASTRUCTURE SHALL BE FIELD VERIFIED WITH SPRINT, SAC AND/OR FV.

**ROLES AND RESPONSIBILITIES:**

**SPRINT R&R:**

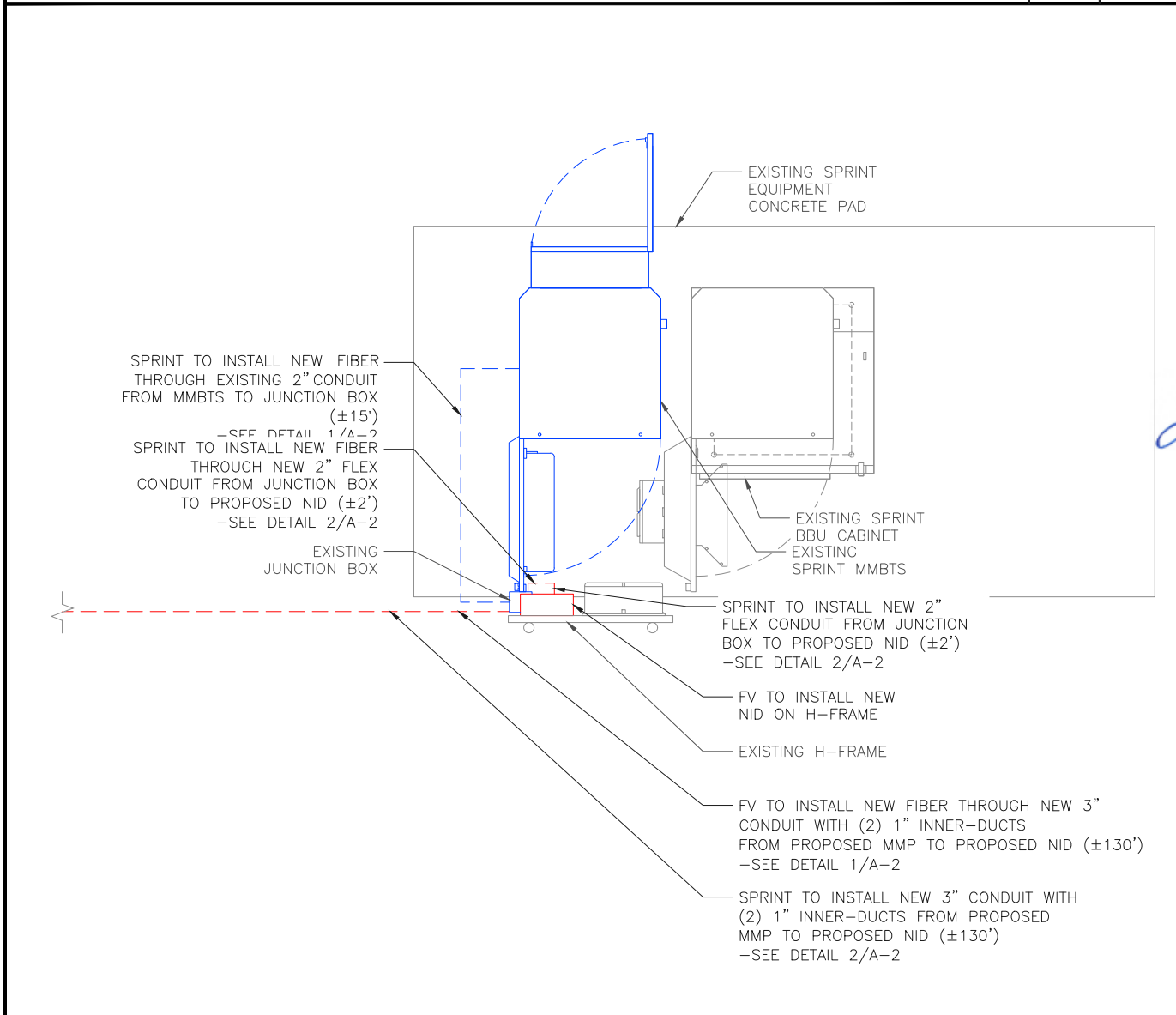
1. SPRINT TO PERFORM ALL NEW CONDUIT INSTALLATIONS FROM THE MMP TO THE PPC AND FROM PPC TO MMBTS.
2. SPRINT TO PROVIDE POWER TO FV NID.
3. SPRINT RESPONSIBLE FOR PULLING FIBER FROM NID TO MMBTS

**FIBER VENDOR R&R:**

1. FIBER VENDOR RESPONSIBLE FOR PULLING FIBER FROM MMP TO NID.
2. FIBER VENDOR RESPONSIBLE FOR INSTALL OF NID WHETHER IT BE IN THE TELCO CABINET OR ELSEWHERE. NID TO BE INSTALLED IN TELCO CABINET UNLESS SPACE IS UNAVAILABLE AND THEREFORE SPECIFIED OTHERWISE.

**GENERAL NOTES**

SCALE	2
N.T.S.	



PLAN PREPARED FOR:

540 W. MADISON ST.  
9TH FLOOR  
CHICAGO, IL 60661  
WWW.SOCW.COM  
312.895.4977

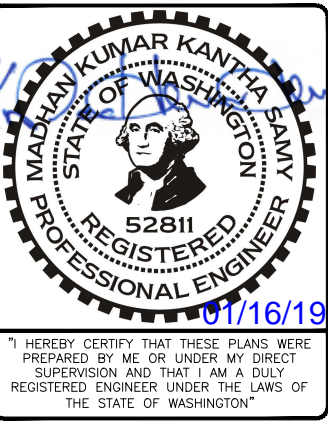
PLAN PREPARED BY:

LETS America, Inc.  
112 S. KYRENE RD. STE. 1  
CHANDLER, AZ 85226  
ARIZONA: 480-961-9151  
LETS PROJ. #: LETS-397-LIT TO LIT FIBER

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	11/03/18	90% CD'S	VSA
0	01/16/19	FOR CONSTRUCTION	RAM

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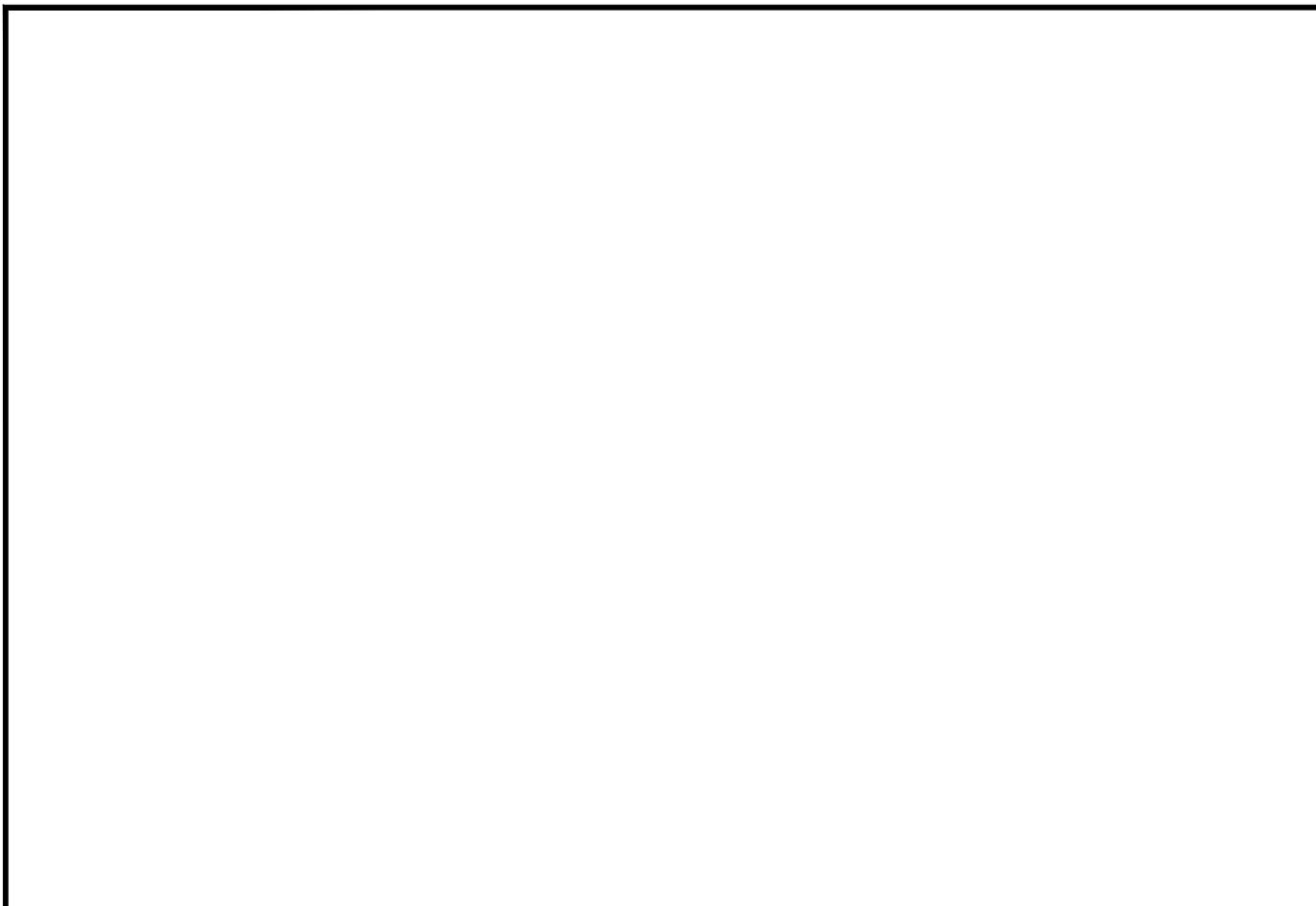
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SHEET TITLE:

**LIT-TO-LIT FIBER SITE PLANS**

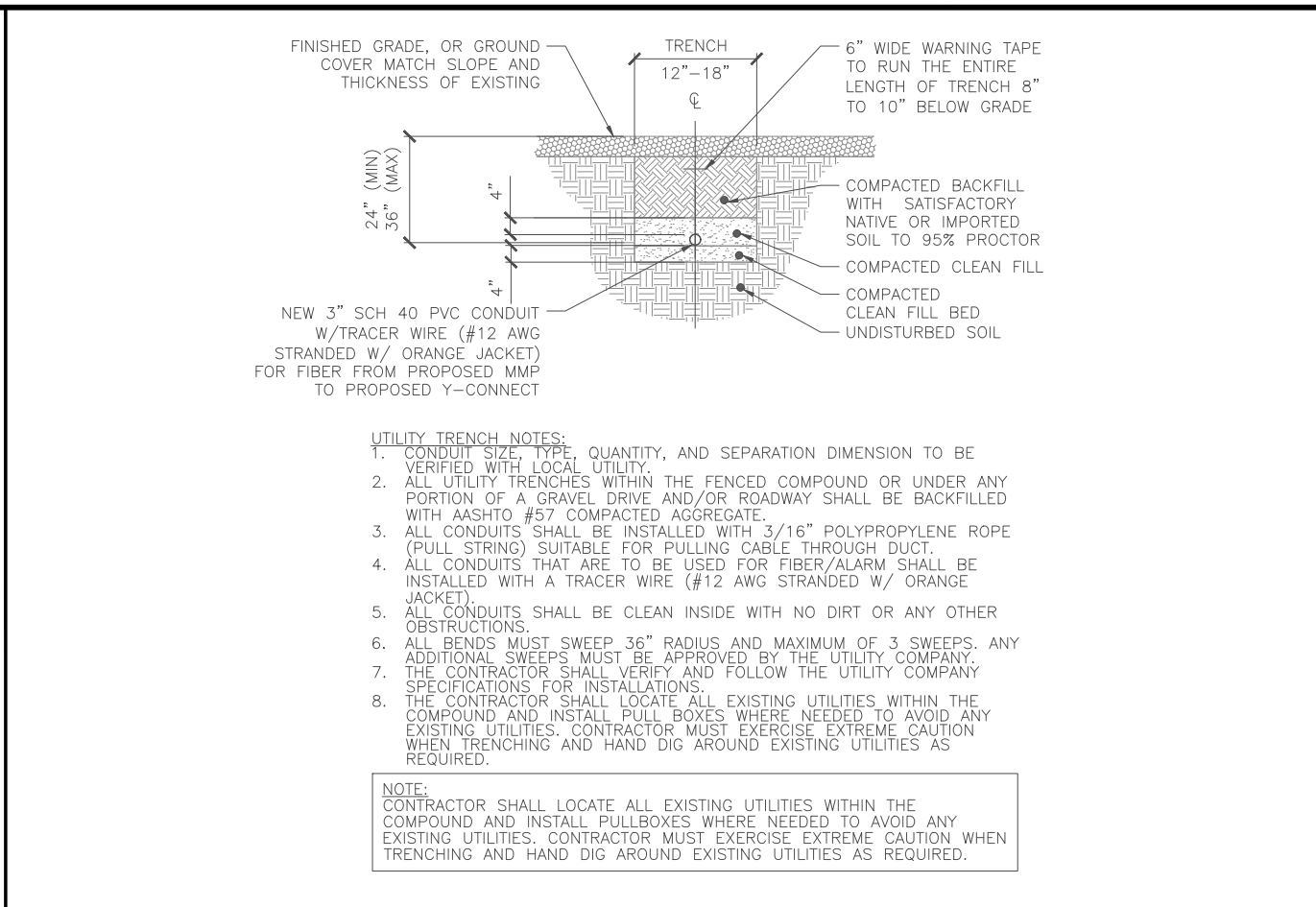
SHEET NUMBER:

**A-1**



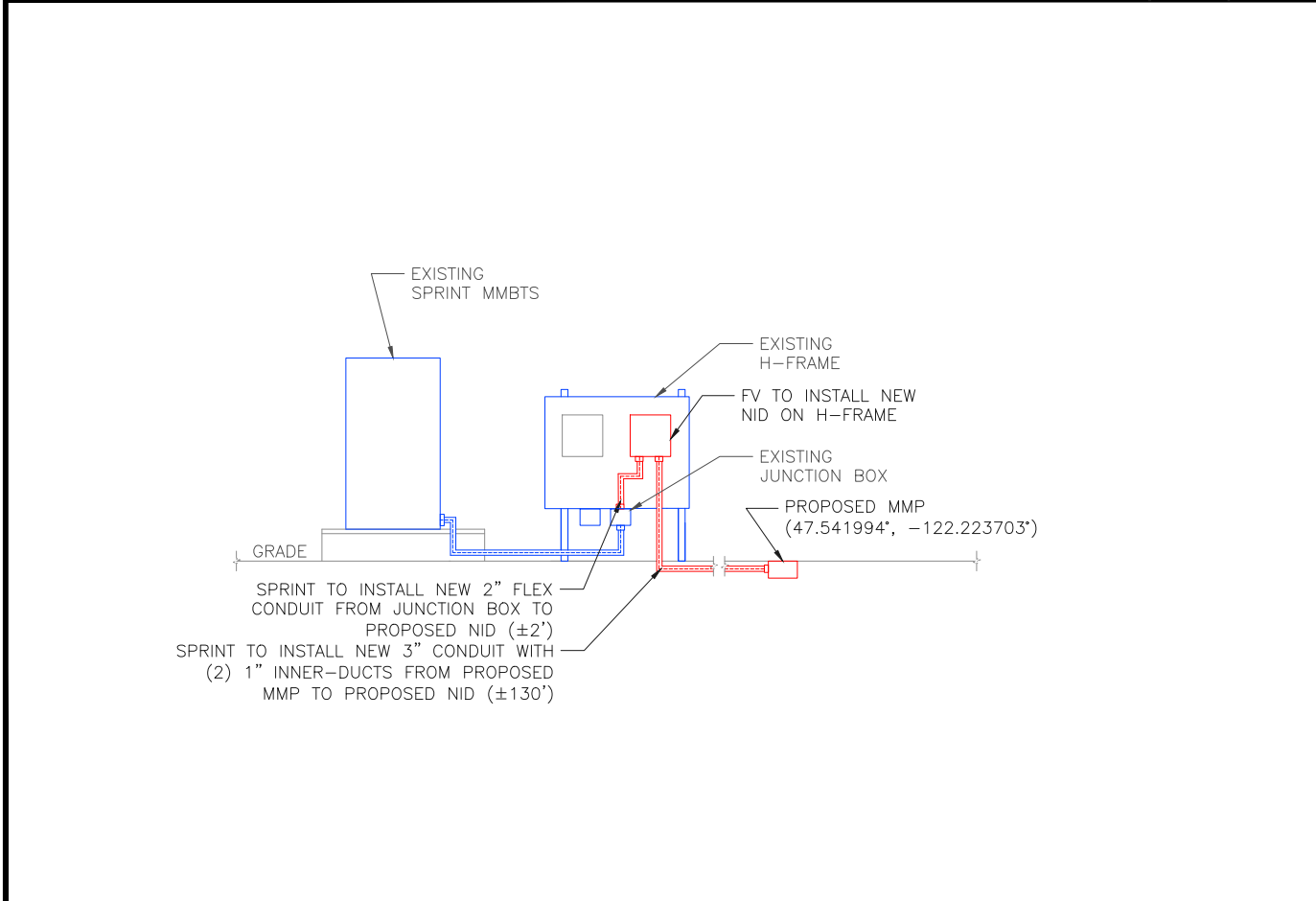
NOT USED

SCALE  
N.T.S. 4



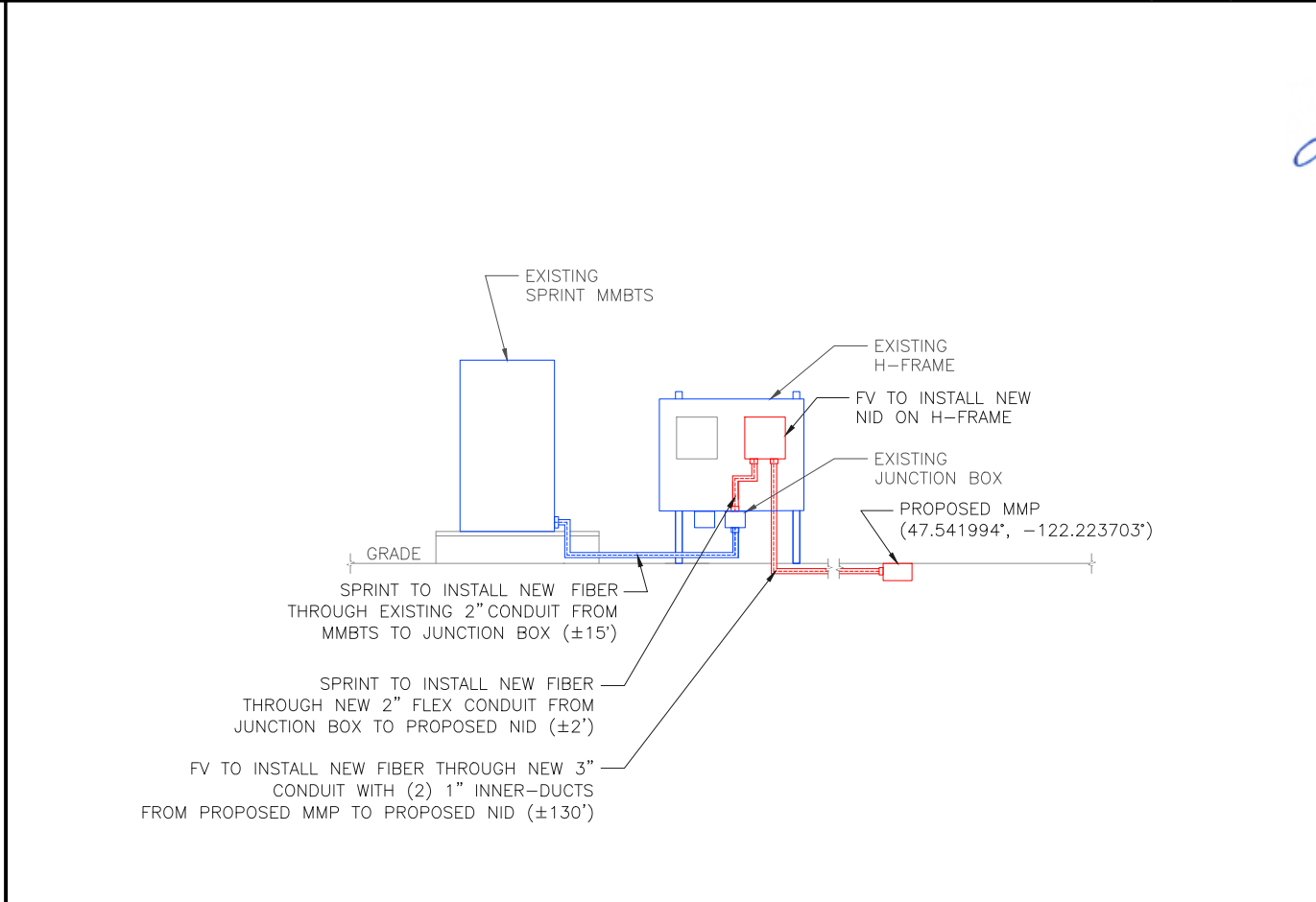
TRENCH DETAIL

SCALE  
N.T.S. 3



CONDUIT SCHEMATIC

SCALE  
N.T.S. 2



FIBER SCHEMATIC

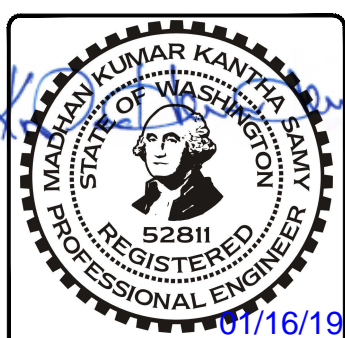
SCALE  
N.T.S. 1



REVISIONS

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"I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF WASHINGTON"

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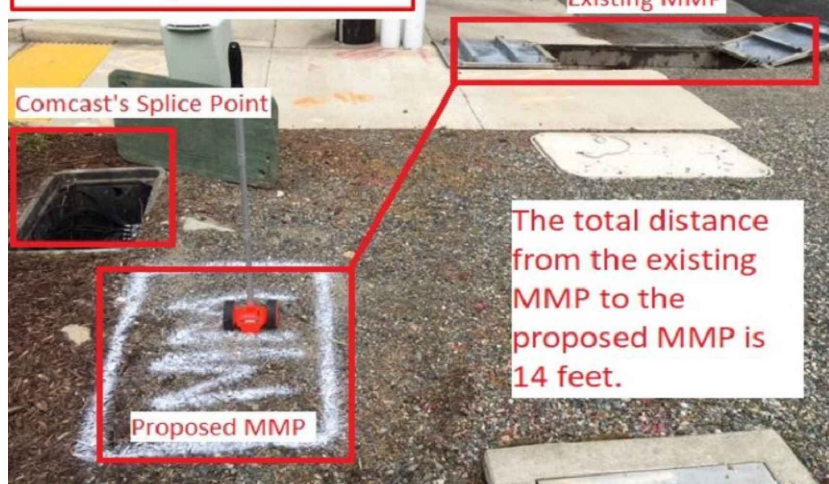
**LIT-TO-LIT FIBER EQUIPMENT DETAILS**

SHEET NUMBER:

**A-2**



Proximity of proposed MMP and existing MMP



The total distance from the existing MMP to the proposed MMP is 14 feet.

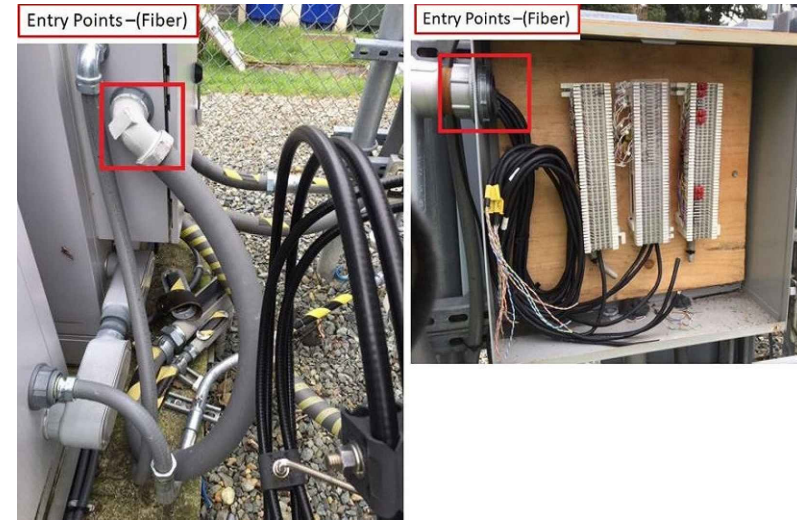
SCALE 9  
N.T.S.

Overview of Site



SCALE 6  
N.T.S.

Entry Points-(Fiber)



SCALE 3  
N.T.S.

CARRIER:



PLAN PREPARED FOR:



PLAN PREPARED BY:



PROXIMITY OF PROPOSED AND EXISTING MMP

OVERVIEW OF SITE

ENTRY POINTS

Proposed FDP/Dmarc/NID location



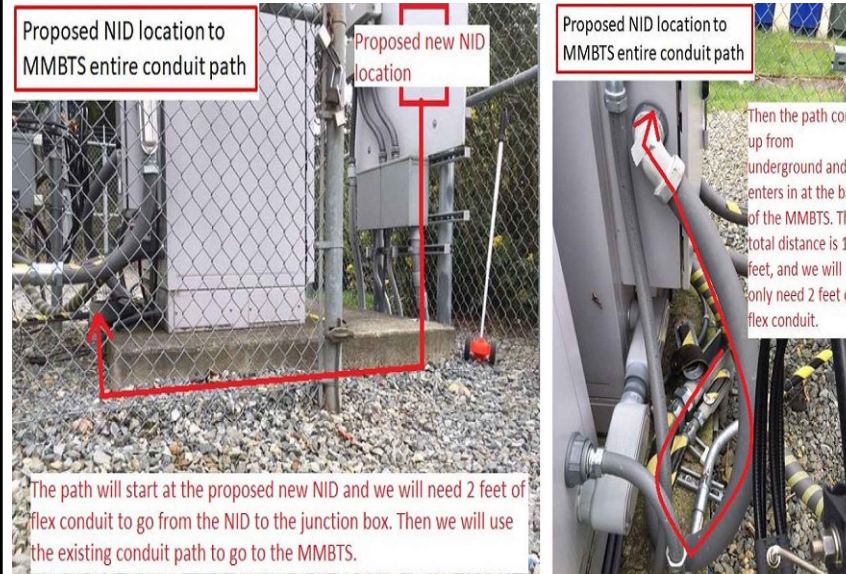
SCALE 8  
N.T.S.

MMBTS-Outside



SCALE 5  
N.T.S.

Proposed NID location to MMBTS entire conduit path



Then the path comes up from underground and enters in at the back of the MMBTS. The total distance is 15 feet, and we will only need 2 feet of flex conduit.

The path will start at the proposed new NID and we will need 2 feet of flex conduit to go from the NID to the junction box. Then we will use the existing conduit path to go to the MMBTS.

SCALE 2  
N.T.S.

REVISIONS

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PROPOSED NID LOCATION

MMBTS

ENTIRE CONDUIT PATH FROM PROPOSED NID TO MMBTS

Path in entirety to agreed MMP



The path starts at the proposed NID location and runs underground to the MMP. This new run will require 130 feet of new conduit.

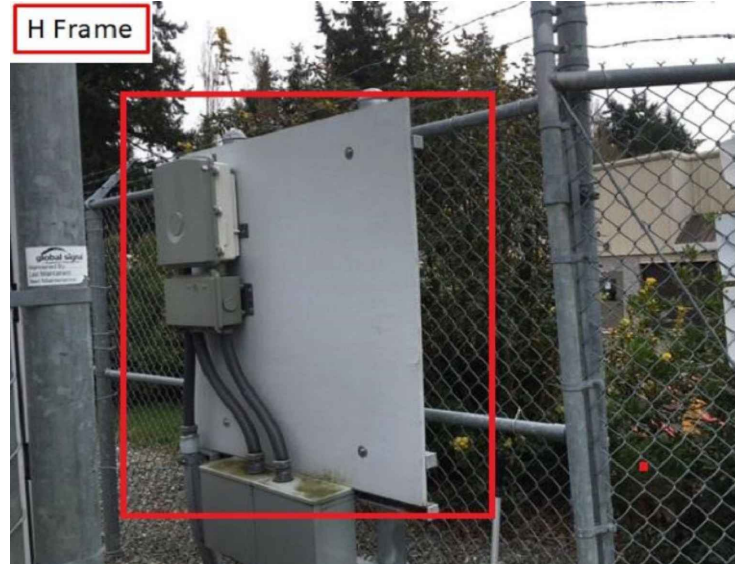
Path in entirety to agreed MMP



Then the path comes to the proposed MMP, and we will need 130 feet of new conduit. Comcast will bring their fiber in from their splice point and then we will run new conduit to the new NID.

SCALE 7  
N.T.S.

H Frame



SCALE 4  
N.T.S.

16 inches wide

16 inches long

Backboard Space

SCALE 1  
N.T.S.

PATH IN ENTIRETY TO AGREED MMP

H-FRAME

BACKBORD SPACE

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF WASHINGTON

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SHEET TITLE:

SITE PHOTOS

SHEET NUMBER:

A-3