

| | |
|--|-----------------------|
| | JOINT USE POLE |
| | EXISTING ANCHOR |
| | AERIAL CABLE |
| | BURIED CABLE |
| | NEW ANCHOR |
| | SIDEWALK ANCHOR |
| | FIBER SLACK LOOP |
| | OVERHEAD GUY |
| | ATTACH TO POLE GROUND |
| | CABLE CHANGE |
| | BURIED ROUTE MARKER |
| | EXISTING HAND HOLE |
| | NEW HAND HOLE |

| AVISTA | # |
|-------------|---|
| DIST. POLES | 9 |
| TXM. POLES | 0 |
| CONDUITS | 0 |
| ANCHORS | 0 |
| MGN'S | 8 |

| Contacts: |
|-----------------------------|
| Avista: |
| Todd Ellsworth:509-495-2773 |
| Steve Schulte:509-495-2548 |
| Cable One: |
| Dan Smith:509-791-5031 |
| Century Link: |
| Julio Mendez:208-798-8390 |

The project is located in the town of Lewiston in Nez Perce county Idaho. Beginning at the existing Avista pole at the intersection of Linden Ave and 4th st. proceeding East on Avista poles 1418' to Linden Ave and 5th st..

APPROVED
By Todd Ellsworth at 9:18 am, Jul 17, 2017

| | | | | | | | | | | |
|-------------------------------|---------------------------------|---------|--------|---------|------|-------------|------|----|---|--|
| Drawing Name:Port of Lewiston | Drawn By: Ron Glessner 07-05-17 | | | | REV. | DESCRIPTION | DATE | BY | Contact Information | State: ID County:Nez Perce City:Lewiston |
| | Linden Ave | | | | REV. | DESCRIPTION | DATE | BY | | |
| | SIZE | FSCM NO | DWG NO | REV | REV. | DESCRIPTION | DATE | BY | Port of Lewiston Dave Doeringsfeld 208-743-5531 Outside Plant Maintenance,lc Ron Glessner208-661-5648 | Section: Township: Range: Legal: |
| | SCALE | | | SHEET 1 | REV. | DESCRIPTION | DATE | BY | | |
| | | | | | REV. | DESCRIPTION | DATE | BY | | |



GENERAL CONSTRUCTION NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS EXCEPT STATE HWY., COUNTY ROAD,RAILROAD OR WATER CROSSINGS.

RESTORATION OF ALL RIGHT OF WAY GROUND WILL BE RESTORED TO ORIGINAL CONDITION OR BETTER.

CONTRACTOR WILL COORDINATE WITH OSP MANAGER 24 HRS. PRIOR TO BEGINNING CONSTRUCTION.

OSP MANAGER WILL CONTACT BUILDING OWNER/TENANT 24 HRS. PRIOR TO BEGINNING CONSTRUCTION TO COORDINATE ACCESS TO BUILDINGS.

CONTRACTOR IS RESPONSIBLE FOR CALLING LOCATES AND IS RESPONSIBLE FOR REPAIR AND RESTORATION OF DAMAGED UTILITIES.

FOLLOW ALL NESC CONSTRUCTION GUIDELINES.

CONTRACTOR WILL HAVE ON SITE THE APPROVED DRAWINGS FROM THE UTILITY AND OR STATE,COUNTY,CITY,RAILROAD.

CONTRACTOR WILL PROVIDE CONDUIT , HAND HOLES , ANCHORS, AERIAL HARDWARE , LOCATE WIRE














PORT OF LEWISTON (POL) WILL PROVIDE , FIBER OPTIC CABLE , AERIAL MARKERS , AND LINE ROUTE MARKERS.

APPROVED

By Todd Ellsworth at 9:18 am, Jul 17, 2017

Signed copies of the Avista Make Ready cost approval and the joint use make ready signoff sheets must be submitted to Avista Joint Use Department prior to construction. All make ready work needed to ensure attachment of new facilities at the heights called out in this document must be completed prior to construction of new attachments.

A copy of this document and attachments must be provided to the crew installing the cable and hardware along with accompanying audit noting additional requirements. This paperwork must be in possession of the crew doing the work and made available to any Avista employee on demand. Applicant shall obtain, from public authorities and private owners of real property any and all permits or easements required for lawful exercise of the permission granted by this approved application. Applicant shall defend Avista from all claims and injuries, as to the applicants right to be on Avista facilities. This route application is approved based on noted conditions. All Make Ready (MR) costs shall be at the requestors expense unless stated otherwise. Any field changes to the design must be noted by your construction foreman on an asbuilt drawing and sent to Avista Joint Use Dept no later than two weeks after construction is complete.

| | |
|---|-----------------------|
|  | JOINT USE POLE |
|  | EXISTING ANCHOR |
|  | AERIAL CABLE |
|  | BURIED CABLE |
|  | NEW ANCHOR |
|  | SIDEWALK ANCHOR |
|  | FIBER SLACK LOOP |
|  | OVERHEAD GUY |
|  | ATTACH TO POLE GROUND |
|  | CABLE CHANGE |
|  | BURIED ROUTE MARKER |
|  | EXISTING HAND HOLE |
|  | NEW HAND HOLE |

| | | | | | | | | | | |
|-------------------------------|--------------------------------|----------|--------|---------|------|-------------|------|----|--|--|
| Drawing Name:Port of Lewiston | Drawn By:Ron Glessner 07-05-17 | | | | REV. | | | | Contact Information Port of Lewiston Dave Doeringsfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glessner208-661-5648 | State:ID. County:Nez Perce City: Lewiston Section: Township: Range: Legal: |
| | Linden Ave | | | | REV. | DESCRIPTION | DATE | BY | | |
| | SEE | FSCMNO | DWG NO | REV | REV. | DESCRIPTION | DATE | BY | | |
| | | | | | REV. | DESCRIPTION | DATE | BY | | |
| | | | | | REV. | DESCRIPTION | DATE | BY | | |
| | | | | | REV. | DESCRIPTION | DATE | BY | | |
| | SCALE | No scale | | SHEET 2 | | | | | | |



Figure 1: Typical installation of communication and supply cables. The diagram shows a vertical riser with a "Supply Neutral" and "Communication" line. A diagonal cable runs from the riser to a horizontal "Supply" line. A circular inset labeled "Detail A" shows a close-up of the cable entry into a wall, with labels for "Communication", "Supply", and dimensions: "2' 0" minimum" for the cable separation and "5' 0" minimum" for the distance from the wall. Other dimensions include "5' 0" minimum" for the horizontal distance from the riser to the wall, "0' 6"" for the distance from the wall to the cable, and "8' 0"" for the width of the wall penetration.

Detail A
Communication and
Supply anchors
(Note 2)

By Todd Ellsworth at 9:18 am, Jul 17, 2017

1. Each company (Supply and Communication) shall install independent guys, struts, and anchors for their respective facilities. Auxiliary anchor eyes on supply anchor rods shall not be utilized.
2. Every effort should be made to install anchors with a horizontally spacing of 5 feet. When 5 feet of horizontal spacing is unavailable, the horizontal spacing may be reduced to 2 feet provided the Supply anchor is installed a minimum of 5 feet vertically beneath the Communication anchor measured in-line with the anchor rod (See Detail A). When the spacing is reduced to 2 feet a new Supply anchor shall be installed at the Communication company expense unless the depth of the existing Supply anchor can be determined. The new Supply anchor shall be installed before the Communication anchor.
3. Total horizontal design load is the sum of all horizontal forces applied ($F_T = F_1 + F_2 + F_3$) and shall not exceed 3000 lbs at the NESC loading condition which produces the largest loads.
4. If agreed by multiple Communication companies then F_T can represent the sum of their forces provided the points of attachment are relatively close to each other on the pole. In such cases, a common Communication strut, guy, and anchor can be installed provided they are designed specifically for the loads applied. Communication company installing the anchor shall coordinate design and installation with all parties. Design shall be submitted to Supply company for approval before construction.
5. Communication cable stand and guy wires shall be bonded and connected to the pole ground. Communication companies shall furnish the necessary #6 SD bare copper wire and connectors to connect directly to the pole ground.

F1 Supply

F2 Supply Neutral

F3 Communication

Note 5

11' 0" minimum

2' 0" minimum

Minimum class 3 pole required

6' 0" minimum

10' 0" minimum

0' 6"

1' 0" minimum

5' 0"

Note 2

See Detail A

Grade

Sidewalk

Communication

Supply

1/3 Pole height above ground as a minimum

Detail A
Communication and Supply anchors (Note 2)

2' 0" minimum

5' 0" minimum

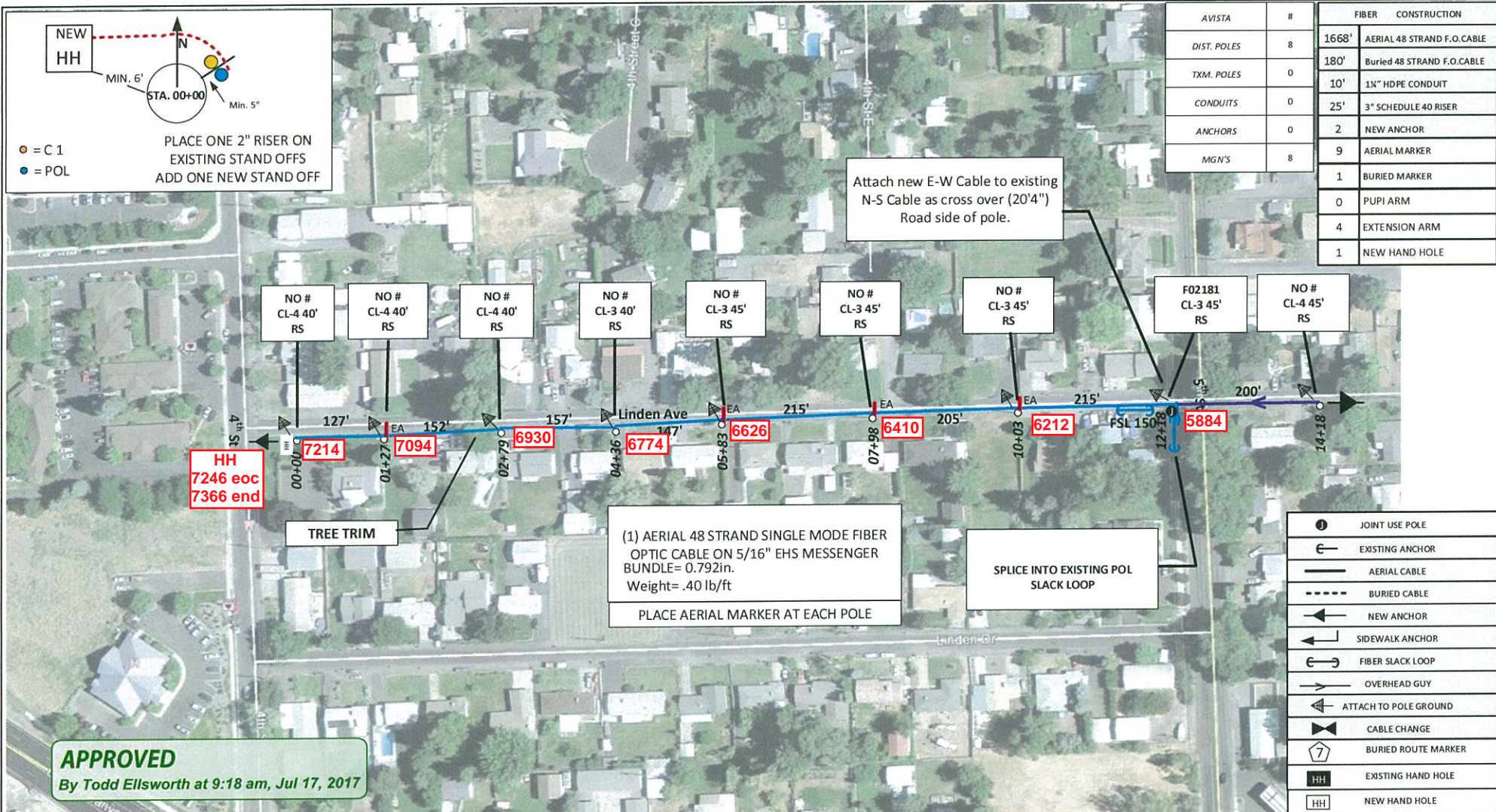
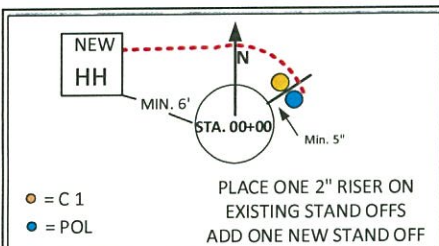
their respective

horizontal spacing is a minimum of 5 feet

Detail A
Communication and
Supply anchors
(note 2)

| | | | | | | | | | | |
|--------------------------------|---------------------------------|-------|---------|-----|------|-------------|------|----|---|--|
| Drawing Name: Port of Lewiston | Drawn By: Ron Glessner 07-05-17 | | | | REV. | DESCRIPTION | DATE | BY | Contact Information Port of Lewiston Dave Doeringsfeld 208-743-5531 Outside Plant Maintenance, llc Ron Glessner 208-661-5648 | State: ID County: NEZ PERCE City: LEWISTON |
| | Linden Ave | | | | REV. | DESCRIPTION | DATE | BY | | Section: Township: Range: Legal: |
| | | | | | REV. | DESCRIPTION | DATE | BY | | |
| | SSE | FSMNO | DWG NO | REV | REV. | DESCRIPTION | DATE | BY | | |
| | SCALE | | SHEET 3 | | REV. | DESCRIPTION | DATE | BY | | |





| AVISTA | # | FIBER | CONSTRUCTION |
|-------------|---|-------|-----------------------------|
| DIST. POLES | 8 | 1668' | AERIAL 48 STRAND F.O. CABLE |
| TXM. POLES | 0 | 180' | Buried 48 STRAND F.O. CABLE |
| CONDUITS | 0 | 10' | 1 1/2" HDPE CONDUIT |
| ANCHORS | 0 | 25' | 3" SCHEDULE 40 RISER |
| MGN'S | 8 | 2 | NEW ANCHOR |
| | | 9 | AERIAL MARKER |
| | | 1 | BURIED MARKER |
| | | 0 | PUPI ARM |
| | | 4 | EXTENSION ARM |
| | | 1 | NEW HAND HOLE |

| | |
|-----|-----------------------|
| ● | JOINT USE POLE |
| — | EXISTING ANCHOR |
| — | AERIAL CABLE |
| --- | BURIED CABLE |
| — | NEW ANCHOR |
| — | SIDEWALK ANCHOR |
| — | FIBER SLACK LOOP |
| — | OVERHEAD GUY |
| — | ATTACH TO POLE GROUND |
| — | CABLE CHANGE |
| — | BURIED ROUTE MARKER |
| HH | EXISTING HAND HOLE |
| HH | NEW HAND HOLE |

| | | | | | | | | | | | | |
|-------------------------------|---------------------------------|---------|--------|--|---------|-------------|------|-------------|--|--|------|----|
| Drawing Name:Port of Lewiston | Drawn By: Ron Glessner 07-05-17 | | | | REV. | DESCRIPTION | DATE | BY | Contact Information | State: ID County:Net Perce City:Lewiston | | |
| | Linden Ave | | | | REV. | DESCRIPTION | DATE | BY | | | | |
| | | | | | REV. | DESCRIPTION | DATE | BY | | | | |
| | SIZE | FSCM NO | DWG NO | | | REV. | | | Port of Lewiston Dave Doeringsfeld 208-743-5531 Outside Plant Maintenance,Ilc Ron Glessner208-661-5648 | Section: Township: Range: Legal: | | |
| | SCALE | | | | SHEET 4 | | REV. | DESCRIPTION | | | DATE | BY |
| | | | | | | | REV. | DESCRIPTION | | | DATE | BY |

| Make Ready Summary | |
|--------------------|---|
| Cable One | |
| Stationing | Description of work |
| 04+36 | Move HOA down 1'6" from 20'10" to 19'4" |
| | |
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| Make Ready Summary | |
|--------------------|---------------------|
| Century Link | |
| Stationing | Description of Work |
| | |
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| | |

| Make Ready Summary | |
|--------------------|---------------------|
| X O Communications | |
| Stationing | Description of Work |
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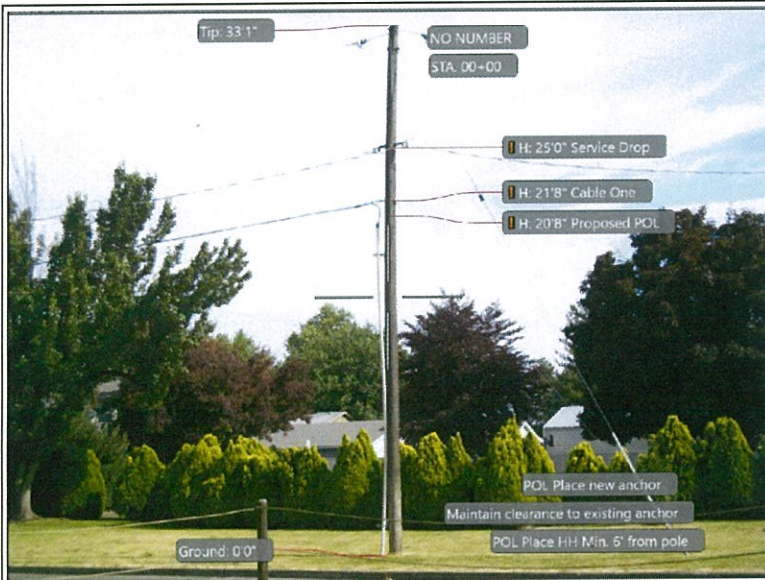
| Make Ready Summary | |
|--------------------|---------------------|
| Avista | |
| Stationing | Description of Work |
| 04+36 | Extend Riser 12" |
| | |
| | |
| | |

| Make Ready Summary | |
|--------------------------|---------------------|
| Lewiston School District | |
| Stationing | Description of Work |
| | |
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APPROVED
 By Todd Ellsworth at 9:18 am, Jul 17, 2017

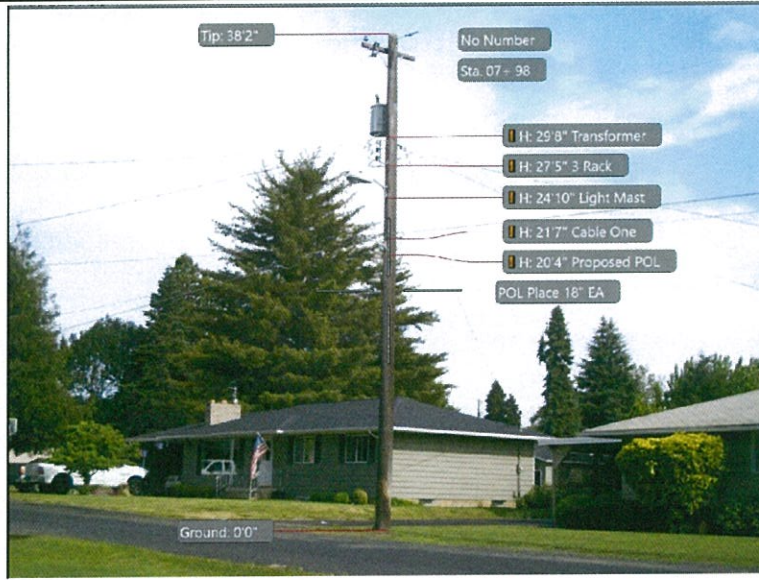
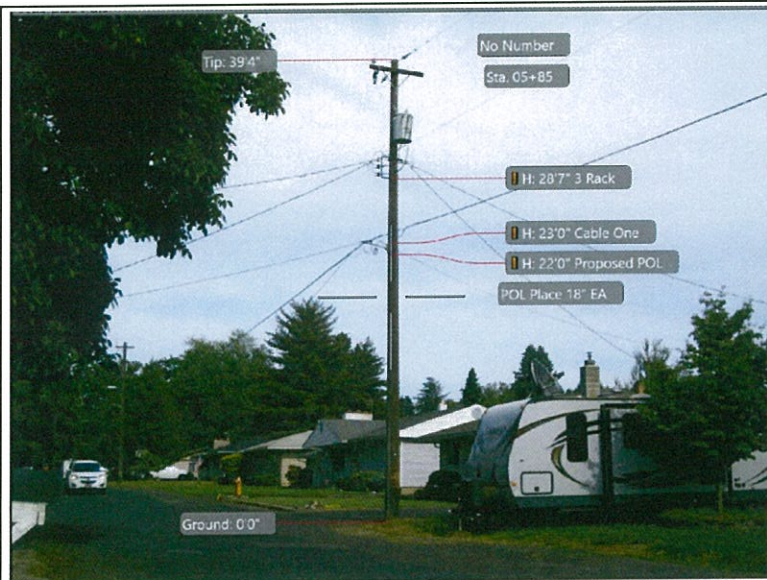
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|--|------------|---------|---------|-----|---|-------------|------|----|
| Drawing Name:Port of Lewiston | 07-05-17 | | | | | | | |
| | Linden Ave | | | | | | | |
| | SIZE | FSCM NO | DWG NO | REV | REV. | DESCRIPTION | DATE | BY |
| | | | | | REV. | DESCRIPTION | DATE | BY |
| | SCALE | | Sheet 5 | | | | | |
| Contact Information | | | | | State:ID County:Nez Perce City:Lewiston | | | |
| Port of Lewiston Dave Doeringsfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glessner 208-661-5648 | | | | | Section: Township: Range: Legal: | | | |





APPROVED
By Todd Ellsworth at 9:18 am, Jul 17, 2017





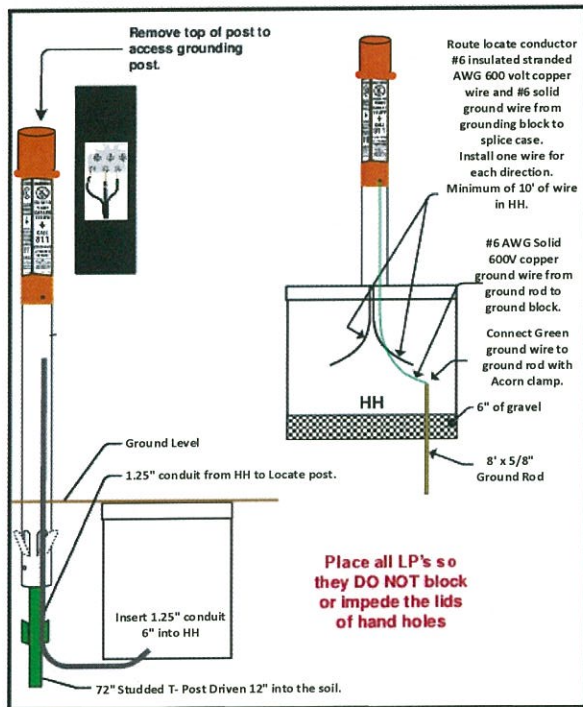
APPROVED
By Todd Ellsworth at 9:18 am, Jul 17, 2017



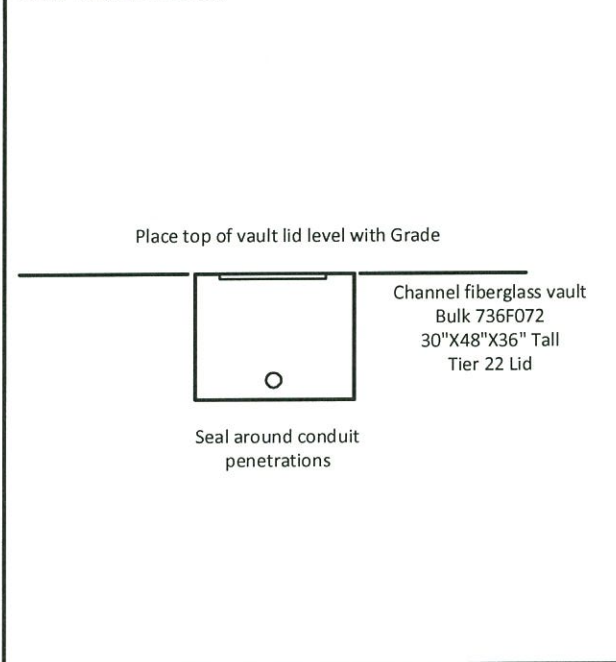


APPROVED

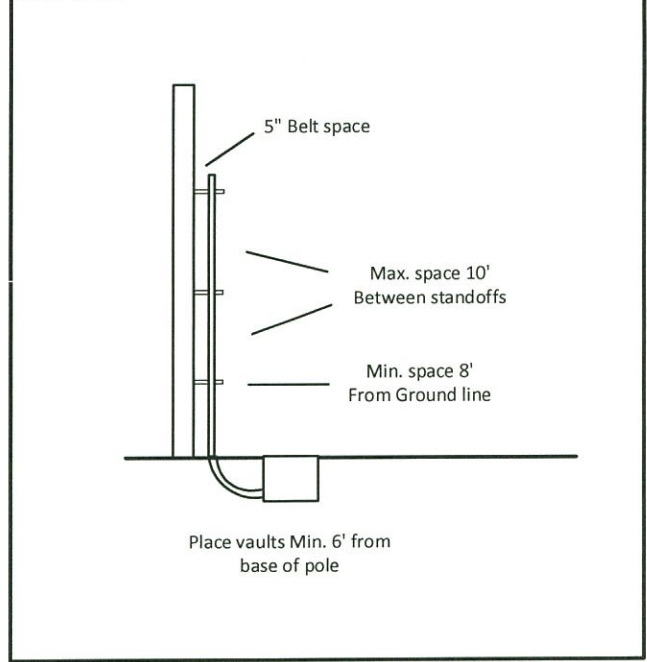
By Todd Ellsworth at 9:18 am, Jul 17, 2017



Vault/ Hand Hole Detail



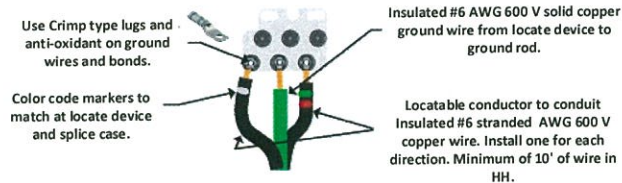
Riser Detail



RUS Standards
Directional Color Code
Use colored tape or zip ties

ORANGE = NORTH
GREEN = EAST
BROWN = SOUTH
SLATE = WEST

ALL BFO'S WILL HAVE DIRECTIONAL
COLOR CODE MARKER LOCATED 24"
FROM CONDUIT ENDS AND 24" FROM
END OF BFO.



APPROVED

By Todd Ellsworth at 9:18 am, Jul 17, 2017

PORT OF LEWISTON

Drawn By: Ron Glessner

Linden Ave

SHEET 9

| REV. | DESCRIPTION | DATE | BY |
|---------|-------------|------|----|
| 5-10-17 | RG | | |
| REV. | DESCRIPTION | DATE | BY |
| REV. | DESCRIPTION | DATE | BY |
| REV. | DESCRIPTION | DATE | BY |
| REV. | DESCRIPTION | DATE | BY |

Contact Information

Outside Plant Maintenance, LLC
Ron Glessner 208-661-5648

State: ID
County: NEZ PERCE
City: LEWISTON

Section:
Township:
Range:
Legal:



EXHIBIT H
ROUTE APPLICATIONAvista Use Only
2017-225

This **Route Application ("RA")** is made to the Joint Use Master License Agreement between AVISTA UTILITIES and PORT OF LEWISTON (Licensee), dated 07/11/2017. Terms used in the RA have the same meaning as such terms in the agreement unless otherwise indicated.

INSTRUCTIONS: Complete all details below and provide the RA, a one-sheet vicinity map of the route and pole-by-pole design details to AVISTA UTILITIES Joint Use. Priority to construct will be established by the date the completed application is received and approved. Rent will start on the date of the completed approved application.

Unless pole and anchor strengths have been evaluated by a licensed PE, Avista will perform the evaluations at the applicant's cost and will endeavor to do so within 45 days after the date of the completed application.

Identify each cable and messenger by diameter and weight. Provide overall bundle sizes for overlashed facilities.

☒ Application for Use ☐ Termination of Use ☐ Other _____

| | | |
|-------|-------------------|---|
| ROUTE | Starting Address | 4th Street and Linden Ave, Lewiston, ID |
| | Route Description | Start at Avista pole at the intersection of 4th St. and Linden and proceed east on Linden Ave 1418' to Avista pole at the intersection of Linden Ave and 5th Street |
| | Ending Address | 504 Linden Ave, Lewiston, ID |

| | | | | |
|-----------------------------|-----------------------------------|--------------------------------|--------------------------------|--|
| CABLE (see instructions) | Application: check all that apply | <input type="checkbox"/> Video | <input type="checkbox"/> Audio | <input checked="" type="checkbox"/> Data |
| | | messenger | cable #1 | cable #2 (overlashed) |
| | Messenger/Cable type | 1/4" MG | 48 ct fiber optic cable | |
| | Installed Tension at 0 C | 1010 LBF | | |
| | Weight (lbs per 1000 feet) | 124 LB/1000FT | 54 lb/1000 ft | |
| | Diameter (inches) | 1/4" | .41 in. | |

| PROPOSED | feet of duct | NEW CONTACTS | OVERLASHED CONTACTS |
|-------------|---|--------------|---------------------|
| ATTACHMENTS | no. of AVISTA UTILITIES distribution poles | 0 | |
| | no. of AVISTA UTILITIES transmission poles | 8 | |
| | no. of conduit risers on AVISTA UTILITIES poles | 0 | |
| | no. of attachments to AVISTA UTILITIES anchors | 1 | N/A |
| | | 0 | N/A |

| | |
|----------|-------------------------|
| SCHEDULE | Construction Start Date |
|----------|-------------------------|

| | |
|---|--|
| FOR AVISTA UTILITIES USE ONLY | |
| <input checked="" type="checkbox"/> Received <u>7/17/2017</u> | <input checked="" type="checkbox"/> Approved as complete <u>7/17/17</u> |
| <input type="checkbox"/> Notified of Omissions _____ | <input checked="" type="checkbox"/> Permit from <u>7/17/17</u> to <u>10/17/17</u> |
| | <input checked="" type="checkbox"/> Other (see attachment) <u>2017-225 Job Print</u> |

Submission of this Route Application constitutes Licensee's acceptance of AVISTA UTILITIES standard permit conditions. Licensee understands that failure to meet a condition of approval means a failure to install in accordance with the permit and may render the permit denied. AVISTA UTILITIES does not warrant the extent of its rights-of-way and easements. Before installing any Attachment to AVISTA UTILITIES' poles or placing any anchors, Licensee shall secure any required permission or consent from federal, state, county or municipal authorities, or from owners of the property upon which poles may be located, to install and maintain Licensee's Attachments thereon. Licensee shall not infer any such permission or consent from AVISTA UTILITIES from any permit. Licensee shall indemnify and hold harmless AVISTA UTILITIES and its representatives, agents, officers, and employees from and against any and all loss, damage or liability resulting from any failure to procure the necessary consent or permission addressed above.

| | |
|--|--|
| For <u>PORT OF LEWISTON</u> : | For AVISTA UTILITIES |
| By: <u>David Doeringsfeld</u> <small>Digitally signed by David Doeringsfeld Date: 2017.07.11 14:41:25 -07'00'</small> | By: <u>Todd Ellsworth</u> <small>Digitally signed by Todd Ellsworth Date: 2017.07.17 14:20:33 -07'00'</small> |
| Print Name & Job Title: <u>David Doeringsfeld</u> | Print Name & Job Title: <u>Todd Ellsworth - Joint Use CPC</u> |
| Phone: <u>208.743.5531</u> | Phone: <u>509-309-5104</u> |
| Date: <u>July 11, 2017</u> | Date: <u>7/17/17</u> |

| | | | |
|--|-----------|----------------------|-----------------------------------|
| Non-Refundable Application Processing Fee: | | | <input type="checkbox"/> Invoiced |
| Accounting: <u>09802457.583000.115.257</u> | \$ 200.00 | Check # <u>19779</u> | |

Make Ready Approval Form

| | | |
|--------------------------------|---|------------------------------|
| Contact Name Todd Ellsworth | Work Requested Of: Avista Utilities | Phone Number 509-309-5104 |
|--------------------------------|---|------------------------------|

| | |
|--|---|
| <p>Work Requested By:</p> <p>Port of Lewiston</p> | <p>Project Name</p> <p>4th St Fiber - 2017-225</p> |
|--|---|

| | | |
|-------------------|------------------|-------------|
| Make Ready | City Lewiston | State ID |
|-------------------|------------------|-------------|

[illegible]

| | |
|-------|----------|
| Total | \$110.00 |
|-------|----------|

Customer will be billed at actual costs which could be higher or lower than non-binding estimates.

Signature  Date 2-17-17

Printed Name David Darrigsfeld