Appendix E

# Utility Impacts

**COUGHLINPORTERLUNDEEN**
STRUCTURAL CIVIL SEISMIC ENGINEERING

June 30, 2014

Terry McCann
EA Engineering Science and Technology Inc.
2200 Sixth Avenue, Suite 707
Seattle, WA 98121

**RE** *Block 48- Subterranean Alley Vacation*
*Utility Review*

Dear Terry:

The intent of this letter is to summary the potential utility impacts associated with the proposed subterranean alley vacation for Block 48. The subterranean alley vacation is located between Denny Way and John Street and Westlake Avenue and 9th Avenue in South Lake Union. This proposal will vacate from the finish grade down thereby eliminating the potential for future below grade utility infrastructure. We have conducted several site visits, reviewed topographic surveys, GIS information and contacted several utility purveyors to determine the potential impacts to existing and future infrastructure due to the subterranean alley vacation and provided our findings below.

Our review of the existing infrastructure in the alley indicates the presence of only local services to the existing Discovery Center located on the east side of the alley. Seattle Public Utilities currently has a side sewer, and both Seattle City Light and Century Link have service connections to the Discovery Center. These service connections will be removed as part of the removal of the Discovery Center.

We confirmed with other potential utility providers the alley is not currently used, nor is it planned on being used as a pathway for utility infrastructure. Century Link noted the presence of existing overhead cables, a pole and down-guy in John Street where the alley intersects John however this infrastructure is currently located in John Street and not in the area of the proposed subterranean alley vacation.

Our review indicates only local services for the Discovery Center in the alley. We have confirmed with other utility providers they do not have, nor do they plan to have infrastructure located in the alley and have included correspondence with these utility providers as part of this letter. Our review indicates the proposed subterranean alley vacation will not impact the existing or future utility infrastructure.

Sincerely,
**COUGHLIN PORTER LUNDEEN, INC.**

Jeff Peterson, PE

801 SECOND AVENUE, SUITE 900 SEATTLE, WA 98104 / P 206.343.0460 / cplinc.com

## Block 48 Subterranean Alley Vacation Utility Provider Matrix

| Company | Contact Name | Title | E-Mail Sent | Response Received | Infrastructure in Alley | Notes |
|---|---|---|---|---|---|---|
| Comcast Cable | Michael Dale | Construction Coordinator | 6/16/2014 | 6/27/2014 | No | |
| Electric Lightwave | Bob Knight | Sr. OSP Engineer | 6/16/2014 | 6/16/2014 | No | |
| Verizon | Brad Landis | | 6/13/2014 | 6/30/2014 | No | |
| Century Link | Chris Mapes | Engineer III | 6/13/2014 | 6/13/2014 | Overhead Down Guy at north end in John Street at intersection with Alley | 1) CenturyLink current does have a downguy and anchor heading south from the current pole on the south side of John at the alley alignment.<br>I believe this aerial structure would be in the planned vacation area.<br>2) The current Vulcan SLU Discovery Center at 101 Westlake Ave N is currently fed from an underground cable that originates from the pole mentioned above. That CenturyLink cable travels down from an aerial splice point down through one of the 2-4" conduits that Vulcan placed from that pole underground in the alley to the SLU Discovery Center point of entry off of that alley. If that building goes away before the alley needs to be abandoned (which it sounds like it will), then that existing underground line can be abandoned. |
| AboveNet | Dan Walla | City Manager | 6/13/2014 | | | No response |
| Time Warner | Fred Luco | Engineer | 6/13/2014 | 6/13/2014 | No | |
| Level 3 | Seth Dwyer | Field Manager | 6/16/2014 | | | No response |
| City of Seattle, Department of Information Technology (DoIT) | Kris Henry-Simmons | Field Program Manager | 6/13/2014 | 6/16/2014 | No | |
| Seattle City Light | Bob Risch | Interim Supervisor | 41806 | 6/18/2014 | No | Alley is clear once the service for Discovey Center is removed. No plans for future infrastructure. |
| Seattle Public Utilities | | | | | | Existign Side Sewer for Discovery Center to be removed. |
| Seattle Steam | Brandon Oyer | Vice President Business Development` | 6/13/2014 | 6/16/2014 | No | |
| 360 Networks/Zayo | Phil Taylor | Project Engineer | 6/13/2014 | | | No response |

**Block 48 Utility Contacts**

| Company | Name | Title | e-mail |
|---|---|---|---|
| Comcast Cable | Michael Dale | Construction Coordinator | Michael_Dale@cable.comcast.com |
| Electric Lightwave | Bob Knight | Sr. OSP Engineer | bob.knight@integratelecom.com |
| Verizon | Brad Landis | | Brad.landis@verizon.com |
| Century Link | Chris Mapes | Engineer III | cmapes@centurylink.com |
| AboveNet | Dan Walla | City Manager | dwalla@above.net |
| Time Warner | Fred Luco | Engineer | Fred.luco@twtelcom.com |
| Level 3 | Seth Dwyer | Field Manager | Seth.Dwyer@level3.com |
| City of Seattle, Department of Information Technology (DoIT) | Kris Henry-Simmons | Field Program Manager | Kristine.Henry-Simmons@seattle.gov |
| Seattle City Light | Bob Risch | Supervisor | Bob.Risch@seattle.gov |
| Seattle Steam | Brandon Oyer | Vice President Business Development` | (boyer@seattlesteam.com |
| 360 Networks/Zayo | Phil Taylor | Project Engineer | Phil.taylor@ItsCompany.com |

**From:** Mapes, Christopher <Christopher.Mapes@CenturyLink.com>
**Sent:** Friday, June 13, 2014 2:54 PM
**To:** Jeff Peterson
**Cc:** Oakley, Jack
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

**Categories:** Filed by Newforma

Jeff,

CenturyLink does indeed have network facilities in the planned alley vacation area.

1) CenturyLink current does have a downguy and anchor heading south from the current pole on the south side of John at the alley alignment.
   I believe this aerial structure would be in the planned vacation area.
2) The current Vulcan SLU Discovery Center at 101 Westlake Ave N is currently fed from an underground cable that originates from the pole mentioned above. That CenturyLink cable travels down from an aerial splice point down through one of the 2-4" conduits that Vulcan placed from that pole underground in the alley to the SLU Discovery Center point of entry off of that alley. If that building goes away before the alley
   needs to be abandoned (which it sounds like it will), then that existing underground line can be abandoned.

Thank You,

**Christopher Mapes**
Engineer III
CenturyLink, Inc.
1208 NE 64th St. (Rm #402)
Seattle, WA 98115
Main: (206) 346-7484
Fax: (206) 345-5754
Email: Christopher.Mapes@CenturyLink.com

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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Friday, June 13, 2014 2:16 PM
**To:** Mapes, Christopher
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Chris,

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm Century Link does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
STRUCTURAL CIVIL SEISMIC ENGINEERING
801 SECOND AVE / SUITE 900 / SEATTLE WA 98104
P: **206.343.0460** / cplinc.com

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**From:** Henry-Simmons, Kristine <Kristine.Henry-Simmons@seattle.gov>
**Sent:** Monday, June 16, 2014 6:46 AM
**To:** Jeff Peterson
**Cc:** Kris Henry-Simmons
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

**Categories:** Filed by Newforma

DoIT does not have any infrastructor in the alley between Westlake and 9th Av , and John St and Denny Way. We do not plan on installing any infrastructure there in the future.

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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Friday, June 13, 2014 2:26 PM
**To:** Henry-Simmons, Kristine
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Kris

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm DOIT does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
STRUCTURAL CIVIL SEISMIC ENGINEERING
801 SECOND AVE / SUITE 900 / SEATTLE WA 98104
P: **206.343.0460** / cplinc.com

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**From:** Knight, Bob <bob.knight@integratelecom.com>
**Sent:** Monday, June 16, 2014 8:31 AM
**To:** Jeff Peterson
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

**Categories:** Filed by Newforma

Jeff,

Integra has no facilities in this alley according to their record maps. Thanks for the notification.

**Bob Knight** | Senior OSP Engineer I 425.970.7764
TEK Systems
Integra

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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Monday, June 16, 2014 7:33 AM
**To:** Knight, Bob
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Good Morning Mr. Knight,

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm Integra does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
STRUCTURAL CIVIL SEISMIC ENGINEERING
801 SECOND AVE / SUITE 900 / SEATTLE WA 98104
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**From:** Risch, Bob <Bob.Risch@seattle.gov>
**Sent:** Wednesday, June 18, 2014 7:12 AM
**To:** Jeff Peterson
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

**Categories:** Filed by Newforma

Hi Jeff,

Yes, I am the Manager now for Network and Transmission Engineering.

We have reviewed the request, I believe it came in through our Real Estate group first from what I can tell, and SCL does not have any plans for use of the alley once the existing service is no longer needed. SCL's existing infrastructure can be removed and no future use is expected at this time.

Please let us know if you need anything else from us.

Best Regards,

Bob Risch
Manager
Network & Transmission Engineering
(206) 684-3269

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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Monday, June 16, 2014 12:48 PM
**To:** Risch, Bob
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Hi Bob,

We understand that you are the interim supervisor now that John Barnet has retired and would be the person to address this inquiry to. Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have concluded the SCL in the alley is local service for the Discovery Center which will be demolished as part of the development. Can you please review and confirm SCL does not have, nor does it plan to have, system infrastructure within the alley. Please feel free to contact us with any questions.

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
STRUCTURAL CIVIL SEISMIC ENGINEERING
801 SECOND AVE / SUITE 900 / SEATTLE WA 98104
P: **206.343.0460** / cplinc.com

**From:** Brandon Oyer <boyer@seattlesteam.com>
**Sent:** Monday, June 16, 2014 7:29 AM
**To:** Jeff Peterson
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

**Categories:** Filed by Newforma

Jeff,
Thanks for contacting us, Randy retired last year feel free to contact me in the future. We do not have any infrastructure in the area you have mentioned, good luck with project.

**Brandon Oyer, P.E.**
*Director of Engineering*
**Seattle Steam Company**
*1325 Fourth Ave., Ste. 1440*
*Seattle, WA 98101*
*206-658-2027 direct*
*206-550-1086 cell*

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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Friday, June 13, 2014 2:33 PM
**To:** Brandon Oyer
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Randy,

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm Seattle Steam does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
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801 SECOND AVE / SUITE 900 / SEATTLE WA 98104
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**From:** Luco, Fred <Fred.Luco@twtelecom.com>
**Sent:** Friday, June 13, 2014 2:56 PM
**To:** Jeff Peterson
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

**Categories:** Filed by Newforma

Jeff,
We are clear of this block, see below drawing.

9th Ave N
Westlake Ave N
9th Ave

Thanks

**Frederick Luco**
*Senior Outside Plant Engineer, Seattle*
223 Taylor Ave N, Suite 250
Seattle, Wa 98109
D 206.676.8066
C 206.459.7180 Texting available
fred.luco@twtelecom.com

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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Friday, June 13, 2014 2:20 PM
**To:** Luco, Fred
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Fred,

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm Time Warner does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
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**From:** Dale, Michael <Michael_Dale@cable.comcast.com>
**Sent:** Thursday, June 26, 2014 11:26 AM
**To:** Jeff Peterson
**Subject:** RE: Block 48 Subterranean Alley Vacation Proposal
**Attachments:** BLOCK 48 ALLEY .pdf

Hi Jeff,

Comcast has no system in the alley and no plans to have any placed in the alley.

Please see attached print showing current location of AERIAL and UNDERGROUND plant.

Thanks

---

**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Monday, June 16, 2014 7:31 AM
**To:** Dale, Michael
**Subject:** Block 48 Subterranean Alley Vacation Proposal

Michael

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm Comcast does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**
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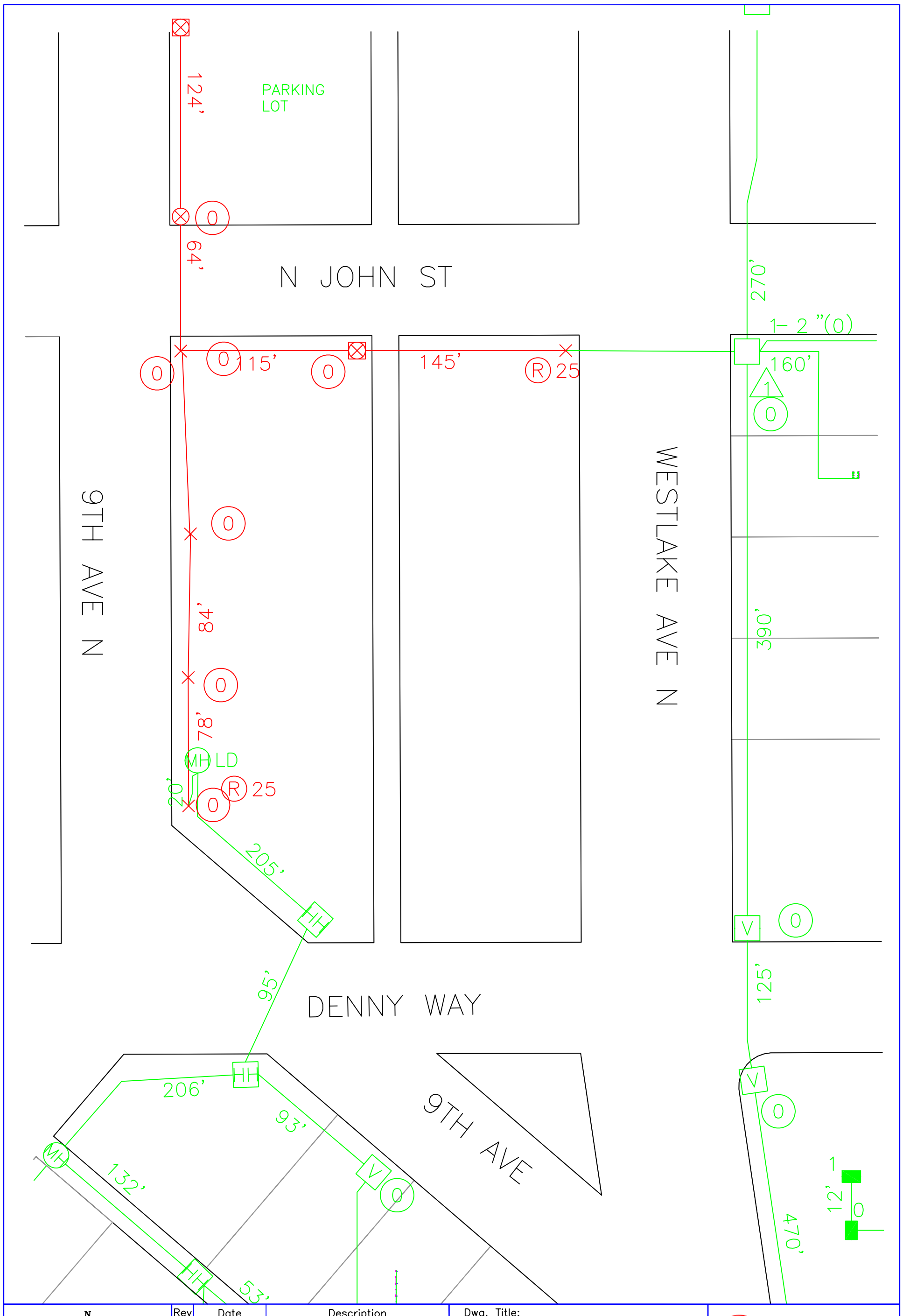


| Rev | Date | Description |
|---|---|---|
| | | |

Dwg. Title:

comcast
MARKET AREA

**From:** Landis, Brad A <brad.landis@verizon.com>
**Sent:** Monday, June 30, 2014 3:08 PM
**To:** Jeff Peterson
**Subject:** RE: Block 48 Proposed Subterranean Alley Vacation

Jeff,

We have facilities going e/w on Denny and e/w on John. We also have facilities going n/s on Westlake. So, to answer your question…it does not appear that we have or intend to have facilities in the alley.

Thanks,

**Brad Landis**
Engineer IV Spec, Network Engineering & Operations VzB Access Engineering/OSP Construction – Washington/Oregon/Idaho/Montana
Tel:425-201-0901
Cell:425-766-1740 - Fax:425-201-0906
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**From:** Jeff Peterson [mailto:JeffP@cplinc.com]
**Sent:** Friday, June 13, 2014 2:15 PM
**To:** Landis, Brad A
**Subject:** Block 48 Proposed Subterranean Alley Vacation

Brad,

Vulcan is reviewing the feasibility of a subterranean alley vacation on the Block 48 project located in South Lake Union surrounded by John Street to the North, Westlake Avenue to the East, Denny Way to the South and 9th Avenue to the west. The project will re-develop the entire block excluding the southwest corner of the block which will remain as public right of way. We have reviewed available GIS and survey information and have not identified any utilities in the alley that would be impacted by the proposed subterranean alley vacation. Can you please review and confirm Verizon does not have, nor does it plan to have, infrastructure within the alley. Please feel free to contact us with any questions.

Regards,

**Jeff Peterson, P.E.**
Associate Principal
**COUGHLIN**PORTER**LUNDEEN**